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

PERIODIC REVIEW REPORT
JANUARY 31, 2023 THROUGH JANUARY 31, 2024

NYSDEC VCP Number: V00253

Prepared for:

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For Submittal to:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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MARCH 2024
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LIST OF ACRONYMS

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

SECTION 1.0
INTRODUCTION AND SITE OVERVIEW

1.1 Introduction

This Periodic Review Report (PRR) was prepared to document operation, monitoring and maintenance (OM&M) activities at 90-30 Metropolitan Avenue, Rego Park, Queens, New York (Site) conducted between January 31, 2023 and January 31, 2024 under the New York State (NYS) Voluntary Cleanup Program (VCP) administered by the New York State Department of Environmental Conservation (NYSDEC). The Site is being remediated in accordance with the Voluntary Cleanup Agreement (VCA) Index # D2-0001-04-02, Site V00253-2, which was issued on June 4, 2002. The remedial activities were documented in the November 2009 Final Engineering Report, which the NYSDEC approved on November 13, 2009. A copy of this approval and pertinent correspondence during the reporting period is included in Appendix A. The approved FER included an Operation, Monitoring and Maintenance Plan under which the ongoing activities are conducted by FPM Group (FPM) on behalf of the Site owner. In February 2024 an update to the OM & M Plan was provided for review by the NYSDEC. A corrective measure was also implemented in substantial conformance to FPM's approved work plan during the remedial action and consisted of the injection of an in-situ chemical oxidant to reduce site-related COC's. The resumes of the environmental professionals implementing the OM&M Plan on behalf of the Site owners are included in Appendix B.

1.2 Executive Summary

The findings in this PRR are summarized as follows:

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

the site as the plume continues to generally decrease in size and concentration, continued monitoring is recommended.

- Groundwater monitoring has been conducted during the reporting period in conformance with the OM&M Plan and subsequent NYSDEC approvals.

➢ Effectiveness of Remedial Program

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

➢ Recommendations

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

Groundwater monitoring be continued and reduced from a quarterly basis to semi-annual for the next reporting period and continue to include shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113 to monitor groundwater conditions.

1.3 Site Overview

Titan Management LP entered into a VCA with the NYSDEC in June 2002 and DPSW Forest Hills LLC became a co-Volunteer in May 2005 for a 1.87-acre property located at 90-30 Metropolitan Avenue in Rego Park, Queens, New York (Site). The Site boundary is shown in Figure 1.3.1. The VCA required the co-Volunteers to investigate and remediate contaminated media at the Site. On September 1, 2011 Forest Hills LLC sold the Site to Equity One (Metropolitan) LLC. In April 2017 Regency Centers purchased the assets of Equity One (Metropolitan) LLC.

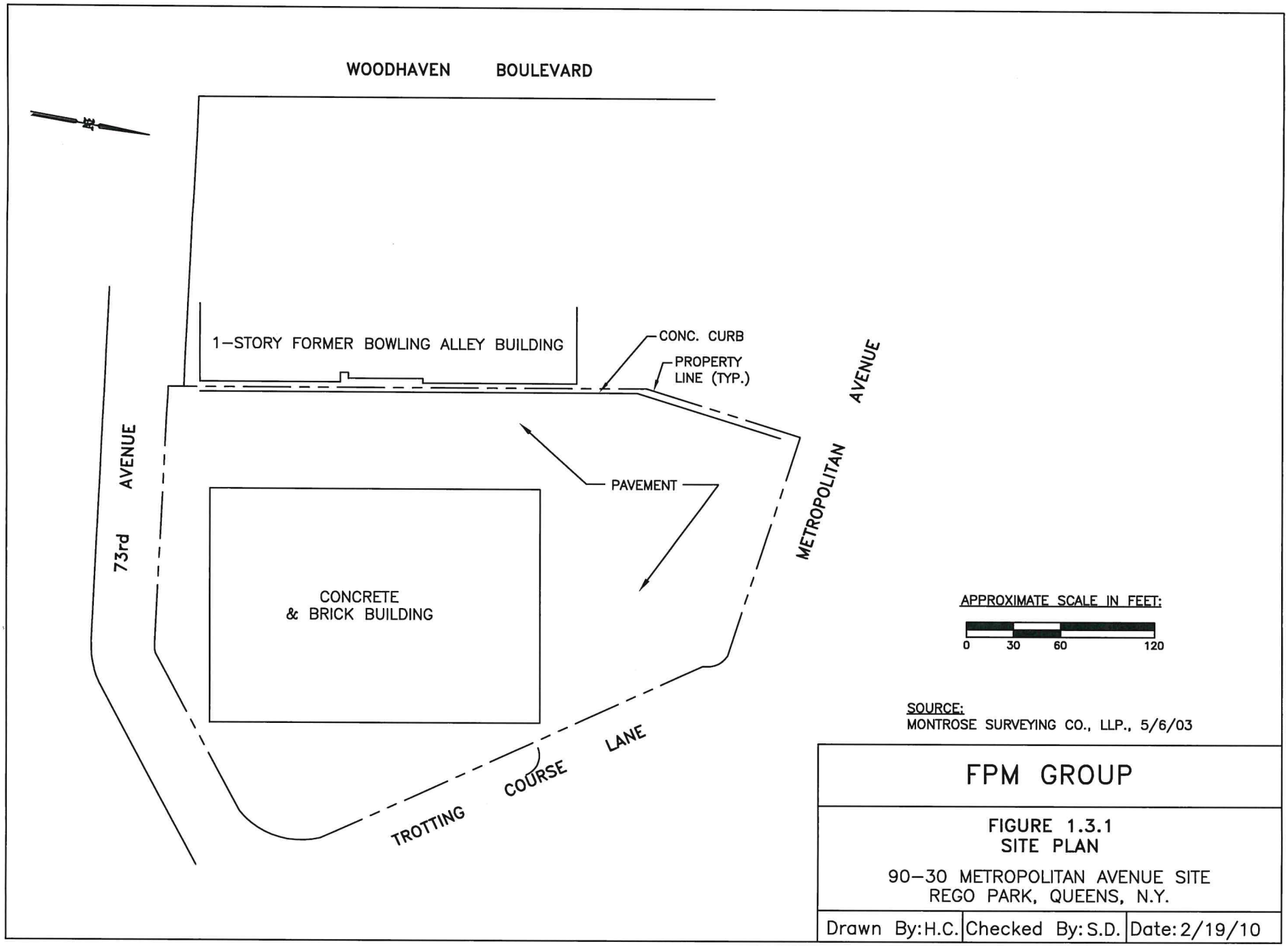

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FIGURE 1.3.1
SITE PLAN

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

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

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

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

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

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

1.4 Evaluation of Remedy Performance, Effectiveness and Protectiveness

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

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

SECTION 2.0
ENGINEERING AND INSTITUTIONAL CONTROLS COMPLIANCE

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

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

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

2.1 Engineering Control Component

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

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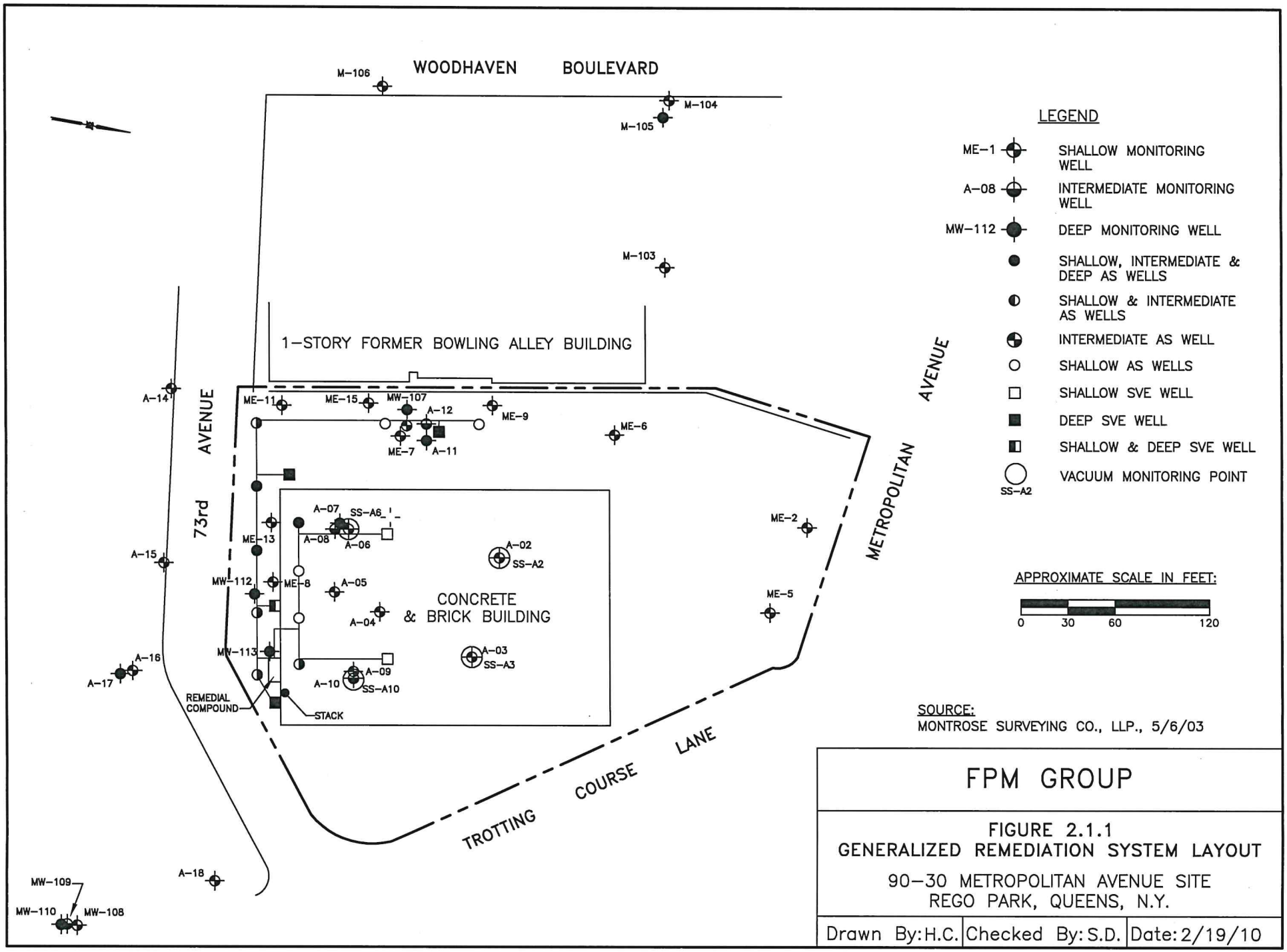

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FIGURE 2.1.1
GENERALIZED REMEDIATION SYSTEM LAYOUT

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

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

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

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

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

2.2 Institutional Control Component

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

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

- Use of groundwater underlying the Site will be prohibited without treatment rendering it safe for the intended purpose; and
- The Site may be used for commercial or industrial use only unless an express written waiver of this restriction is provided by the NYSDEC.

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

2.3 EC/IC Certification

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

SECTION 3.0
MONITORING PLAN COMPLIANCE

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

3.1 AS/SVE System Monitoring

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

3.2 Groundwater Monitoring System Components

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

3.2.1 Summary of Groundwater Monitoring Program

The procedures and results for all of the monitoring events conducted during the reporting period are summarized herein and were conducted in accordance with the OM&M Plan and subsequent modification as recommended in the Periodic Review Report for the 2018 through 2021 reporting period. The modifications as recommended in the Periodic Review Report for the 2018 through 2021 monitoring period were implemented in October 2022 and were utilized for the current reporting period.

The depth-to-groundwater information from the August 2023 sampling event was utilized to evaluate the groundwater flow direction at the Site during the reporting period. The groundwater was noted to be generally consistent with a southerly groundwater flow as documented in previous reports for the Site. Depth to groundwater was noted to range from 42.06 to 45.38 feet below grade

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

Well Number	Total Depth (feet)	Top of Casing Elevation (feet)	Wells to be Monitored
Shallow Wells			
ME-1	49.31	60.18	*
ME-2	51.00	57.67	
ME-4	49.70	58.66	*
ME-5	50.30	57.73	
ME-6	50.00	58.81	
ME-7	50.66	59.61	*
ME-8	55.00	59.60	X
ME-9	54.76	59.03	
ME-10	54.00	58.28	
ME-11	54.88	59.64	
ME-12	52.05	58.38	
ME-13	55.15	59.60	X
ME-14	54.70	59.60	*
ME-15	54.86	59.55	*
ME-16	54.85	59.19	
A-01	53.48	58.05	
A-02	58.75	61.45	X
A-03	57.40	61.57	
A-04	60.30	61.29	
A-05	57.60	61.54	X
A-06	59.80	61.59	X
A-09	58.75	61.29	X
A-14	53.20	59.47	
A-15	52.60	59.46	X
A-16	51.80	58.99	
A-18	50.50	58.70	
MW-103	60.70	58.60	*
MW-104	58.90	59.40	*
MW-106	48.30	57.92	*
MW-108	55.00	58.74	*
Intermediate Wells			
A-08	84.35	61.53	X
A-10	85.1	61.16	X
A-12	78.17	59.46	
A-13	83.9	59.59	
MW-109	85	59.38	
Deep Wells			
A-07	115	61.28	X
A-11	110	59.64	
A-17	110	59.11	
MW-105	98.6	59.39	
MW-107	127	59.46	
MW-110	108	59.38	
MW-112	129.5	61.94	
MW-113	131	59.71	X

Notes:

* = Indicates destroyed/missing well.
X = Indicates wells monitored as approved by NYSDEC July 2022

All groundwater monitoring procedures for each monitoring event during the reporting period were in accordance with the OM&M Plan and were recorded in a field book and on groundwater sampling logs. Copies of the completed sampling logs for the reporting period are included in Appendix E. At each well to be sampled, the depth to the static water level and the depth of the well were measured using an interface probe. A decontaminated low-flow submersible pump was then used to purge a minimum of three to a maximum of five casing volumes of water from each well to be sampled. Following the removal of each casing volume, field parameters, including pH, turbidity, specific conductivity, and temperature, were monitored.

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

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

3.2.2 Groundwater Monitoring Results and Comparison with Remedial Objectives

The data collected during the reporting period for the wells associated with the main site plume are summarized in Tables 3.2.2.1 through 3.2.2.3 together with the data from previous sampling events for comparison purposes. The data are evaluated with respect to the NYSDEC Standards; exceedances of the NYSDEC Standards are highlighted. Iso-concentration maps of the distribution of PCE in groundwater from April 2023 through January 2024 quarterly sampling events are shown in Figures 3.2.2.1 through 3.2.2.6. Graphs depicting the changes in PCE concentrations in key Site monitoring wells throughout the reporting period are shown in Figures 3.2.2.7 through 3.2.2.9.

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

- PCE remains present in the shallow wells, with the center of the plume located beneath the onsite building (in proximity to A-06), and extending to the south and east, as shown on Figure 3.2.2.1 and 3.2.2.4. The concentrations in the shallow wells continue to

- fluctuate at levels lower than before the AS/SVE system was initially started, but have not shown significant sustained decreases in PCE concentrations since about 2009/2010 although some improvements were noted following the ISCO Pilot Test. Wells A-05, A-06, A-02, A-09, A-15 and ME-08 were noted to continue to be above Standards but decreased in concentration over the reporting period. Well ME-13 were noted to continue to be above Standards and decreased over the reporting period since an increase was observed in January 2023;
- PCE also remains present in the intermediate-level wells, with the center of this portion of the plume also beneath the southwest corner of the onsite building and has shown a decrease in concentration from 1,100 ug/l in January 2023 to 590 ug/l in January 2024, these observed concentrations are still well below historic observations for this location. At well A-10 no significant changes were noted over the reporting period, PCE continue to remain above Standards at a generally low concentration; and
- PCE was noted to be present in sampled deep wells at generally low to moderate concentrations with some variations during the reporting period. The PCE concentrations in well A-07 and MW-113 a slight increase was observed in August 2023 relative to the prior April 2023 and January 2023 monitoring events, however concentrations in November 2023 and January 2024 were noted to decrease.

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

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

3.3 Groundwater Monitoring Deficiencies

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

3.4 Groundwater Monitoring Conclusions

The groundwater monitoring results for the reporting period show that the main site plume remains present primarily in the shallow and intermediate levels, with the center of the plume located beneath the southwestern portion of the onsite building. The plume has decreased in concentration and extent relative to pre-remediation conditions, but the current rate of improvement is very slow.

Groundwater monitoring was conducted at a quarterly frequency during the reporting period. Continuation of groundwater at a semiannual (twice per year) frequency is recommended for the next reporting period with sampling to be performed in August 2024 and January 2025. with shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113.

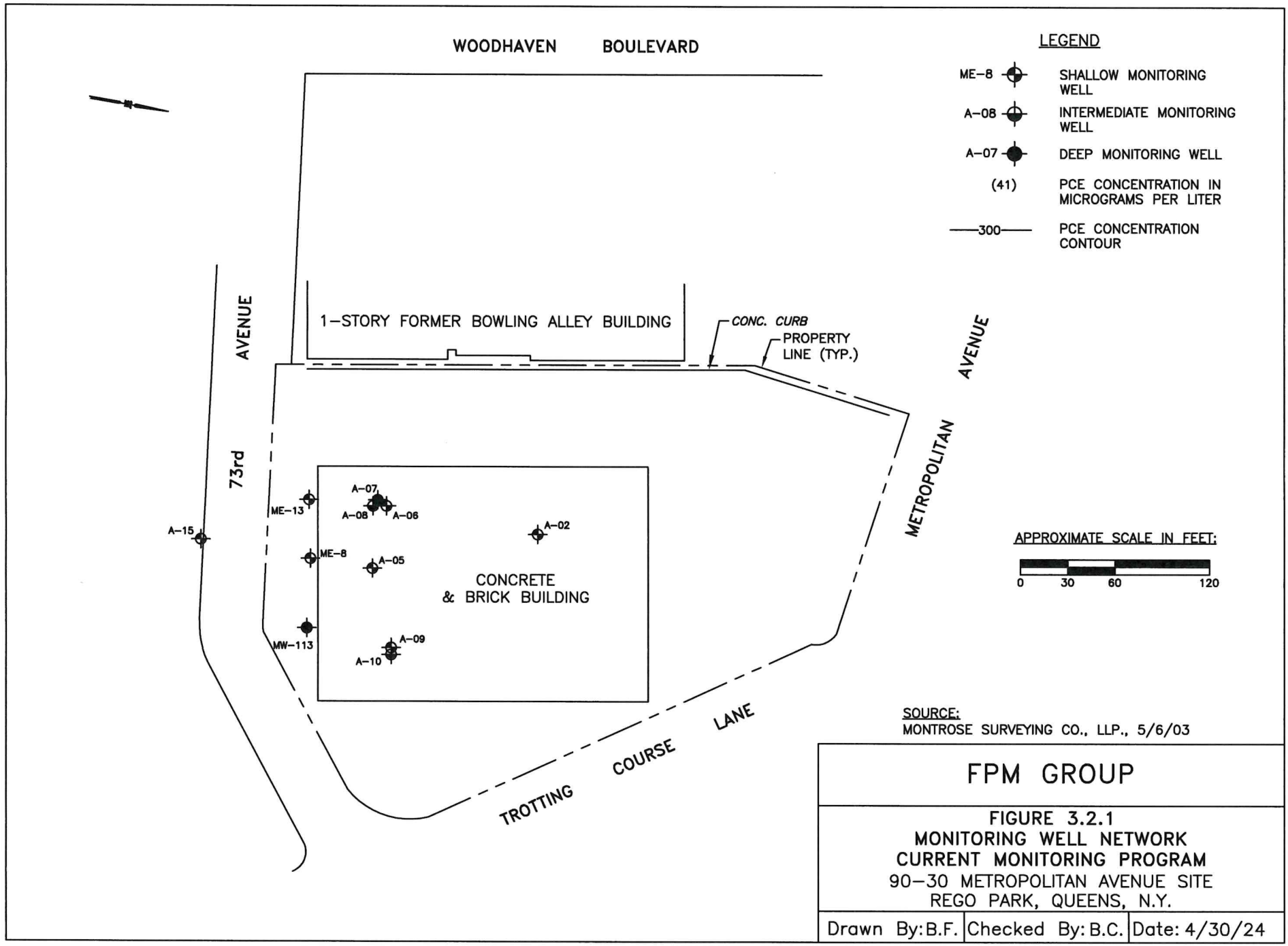

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FIGURE 3.2.1
MONITORING WELL NETWORK
CURRENT MONITORING PROGRAM
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 4/30/24

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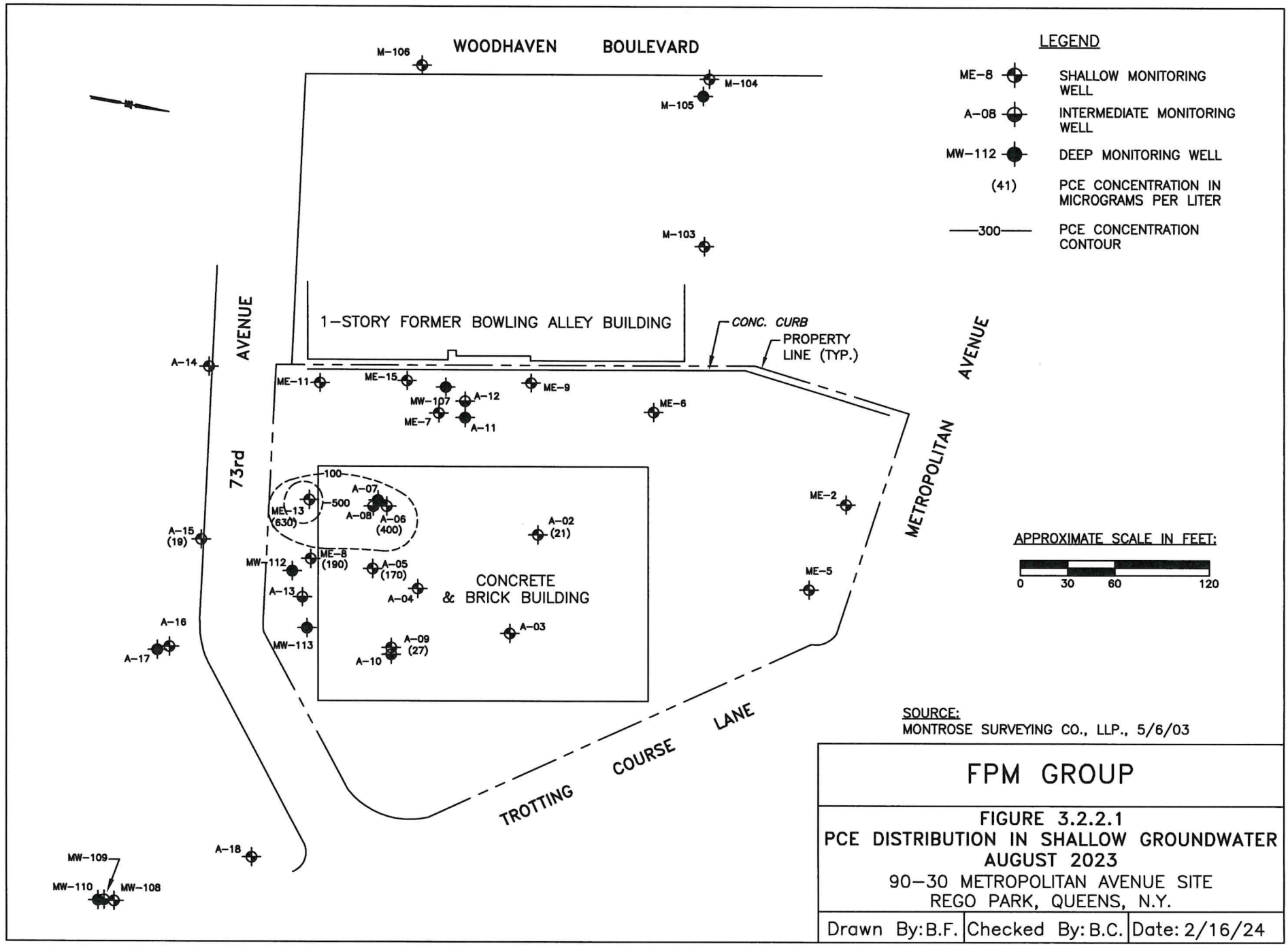

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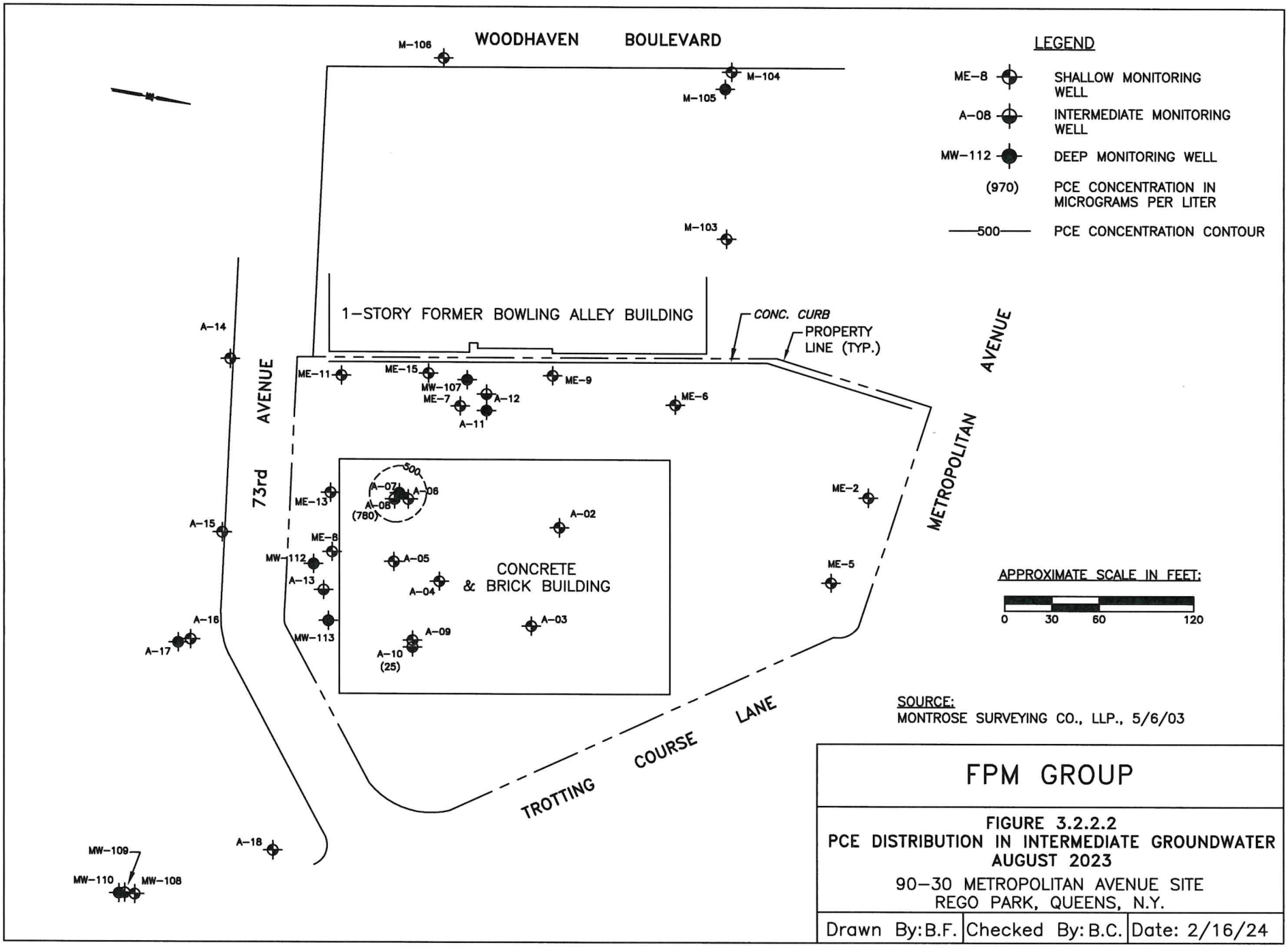
FIGURE 3.2.2.1
PCE DISTRIBUTION IN SHALLOW GROUNDWATER
AUGUST 2023
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2022 PRR\FIGURE 3.2.2.1 240430.dwg, 4/30/2024 11:48:04 AM, \\LISA19.fpm-group.com\Kyocera TASKalfa 7004i KX



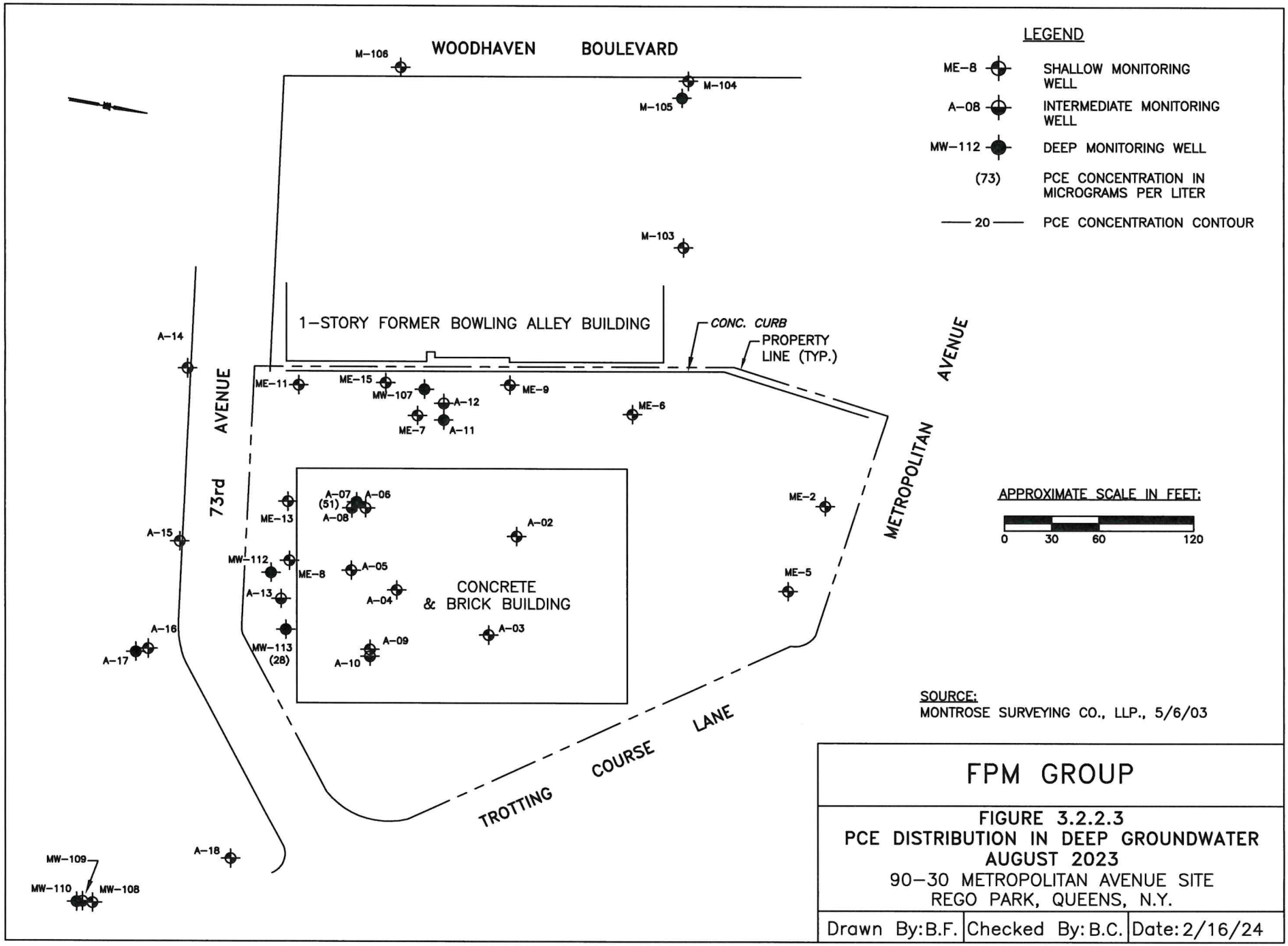
FPM GROUP

FIGURE 3.2.2.2
PCE DISTRIBUTION IN INTERMEDIATE GROUNDWATER
AUGUST 2023

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

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2022 PRR\FIGURE 3.2.2.2 240430.dwg, 4/30/2024 11:49:09 AM, \\LISA19.fpm-group.com\Kyocera TASKalfa 7004i KX

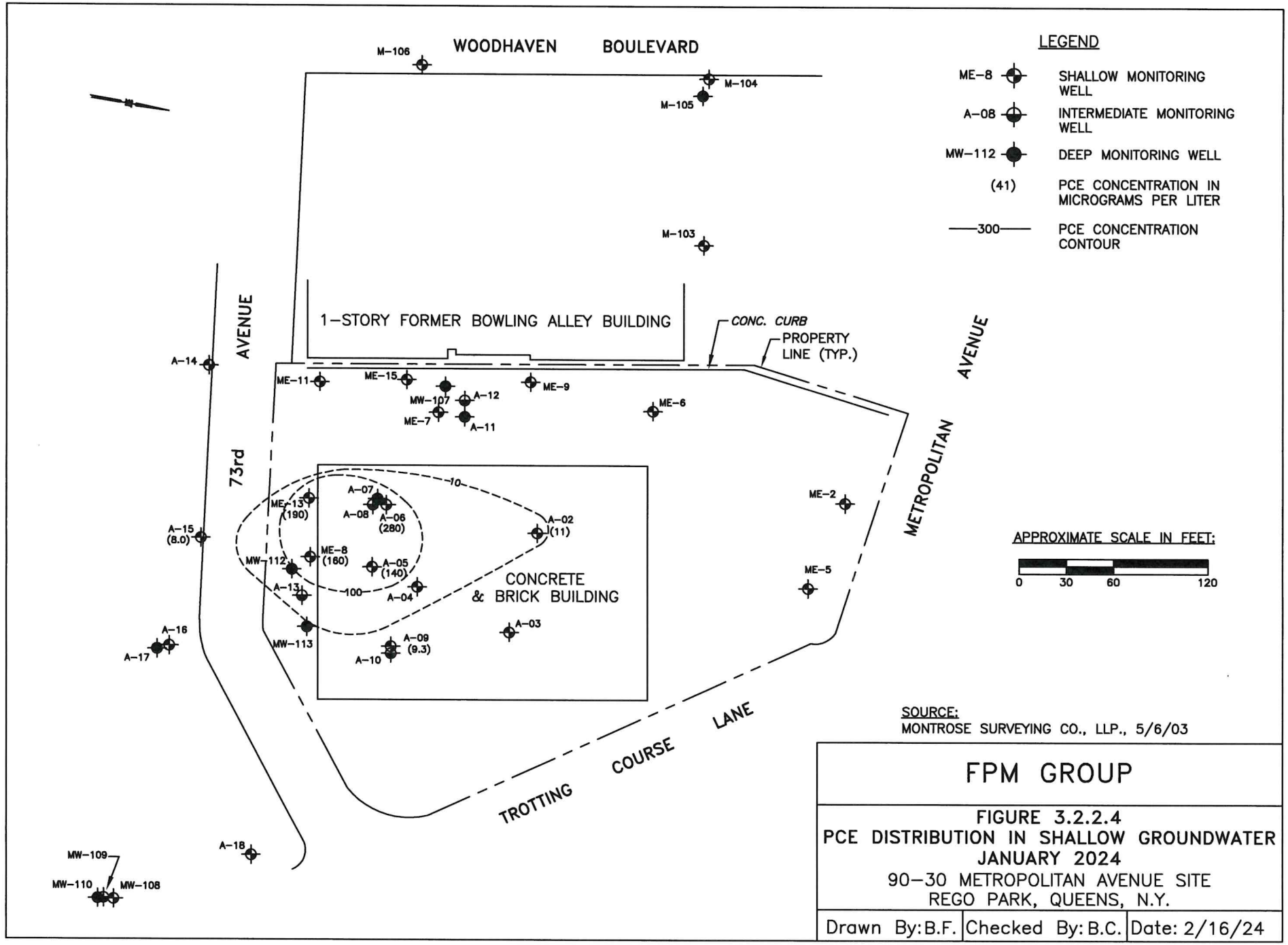


FPM GROUP

FIGURE 3.2.2.3
PCE DISTRIBUTION IN DEEP GROUNDWATER
AUGUST 2023
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2022 PRR\Figure 3.2.2.3 240430.dwg, 4/30/2024 11:49:57 AM, \\USA19.fpm-group.com\Kyocera TASKalfa 7004i KX



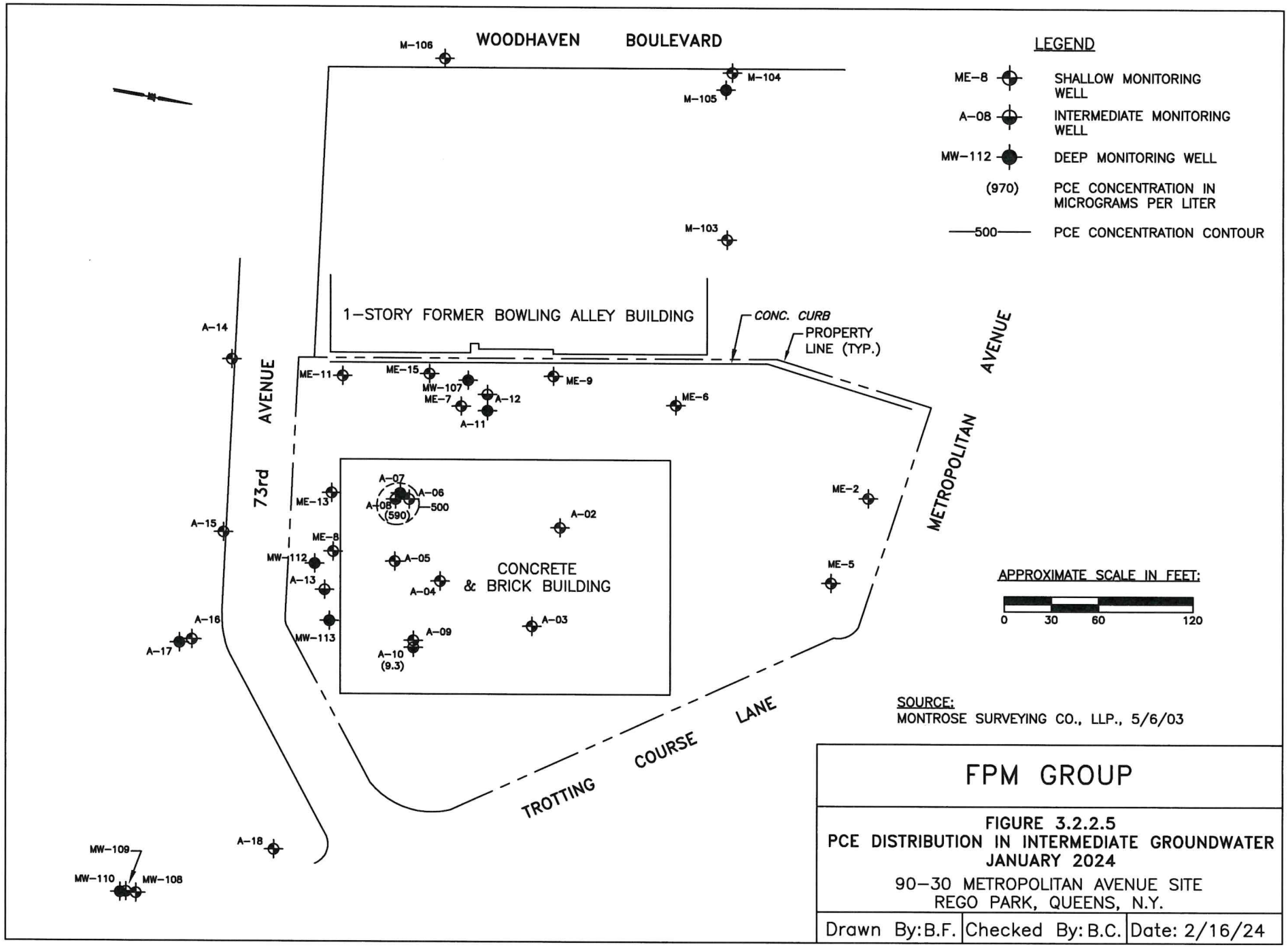
SOURCE:
MONTROSE SURVEYING CO., LLP., 5/6/03

FPM GROUP

FIGURE 3.2.2.4
PCE DISTRIBUTION IN SHALLOW GROUNDWATER
JANUARY 2024
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2023 PRR\FIGURE 3.2.2.4 JAN 2024.dwg, 4/30/2024 11:50:51 AM, \\LISA19.fpm-group.com\Kyocera TASKalfa 7004i KX



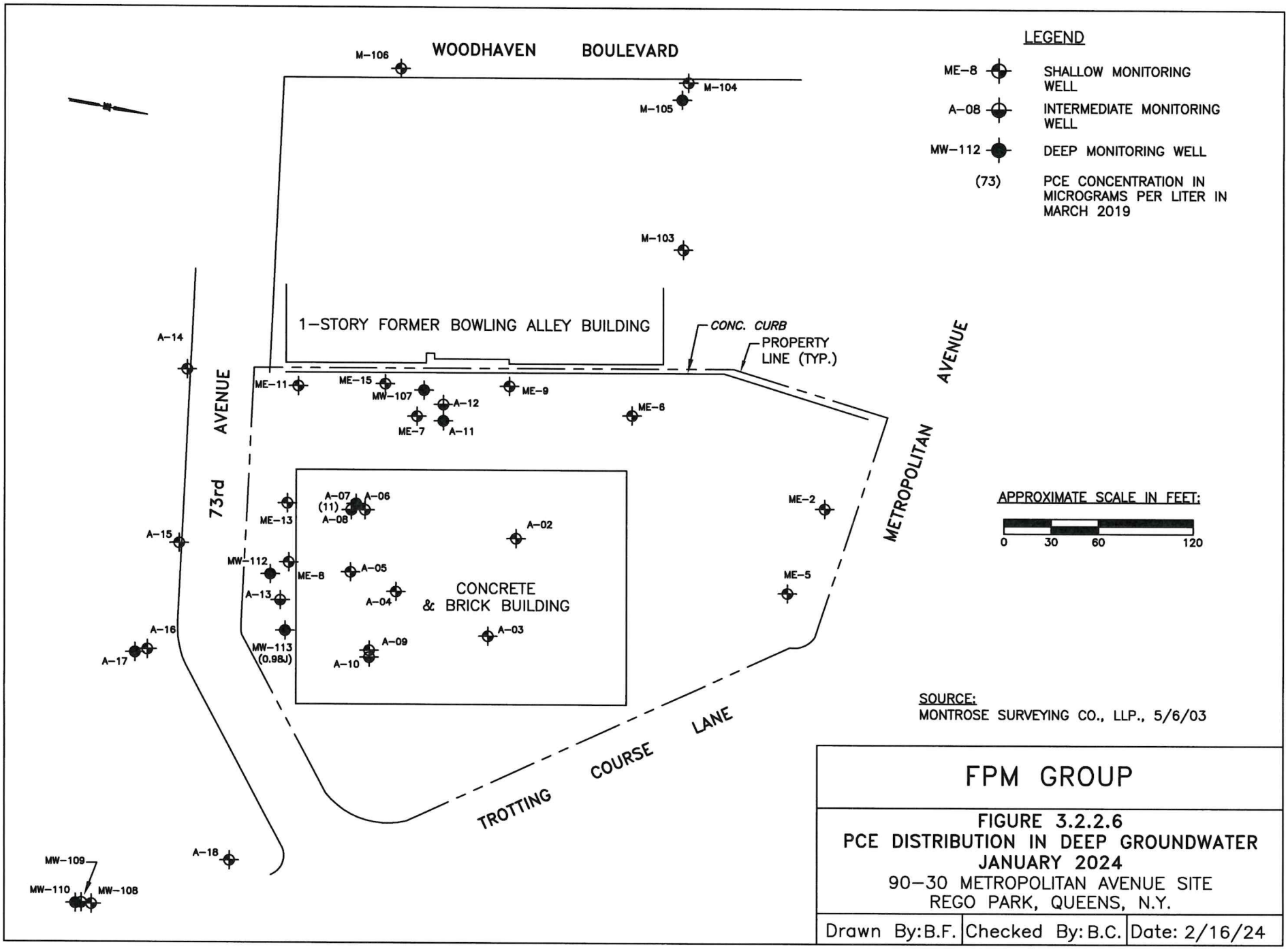
FPM GROUP

FIGURE 3.2.2.5
PCE DISTRIBUTION IN INTERMEDIATE GROUNDWATER
JANUARY 2024

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

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2023 PRR\FIGURE 3.2.2.5 240430.dwg, 4/30/2024 11:51:53 AM, \\LISA19.fpm-group.com\Kyocera TASKalfa 7004i KX



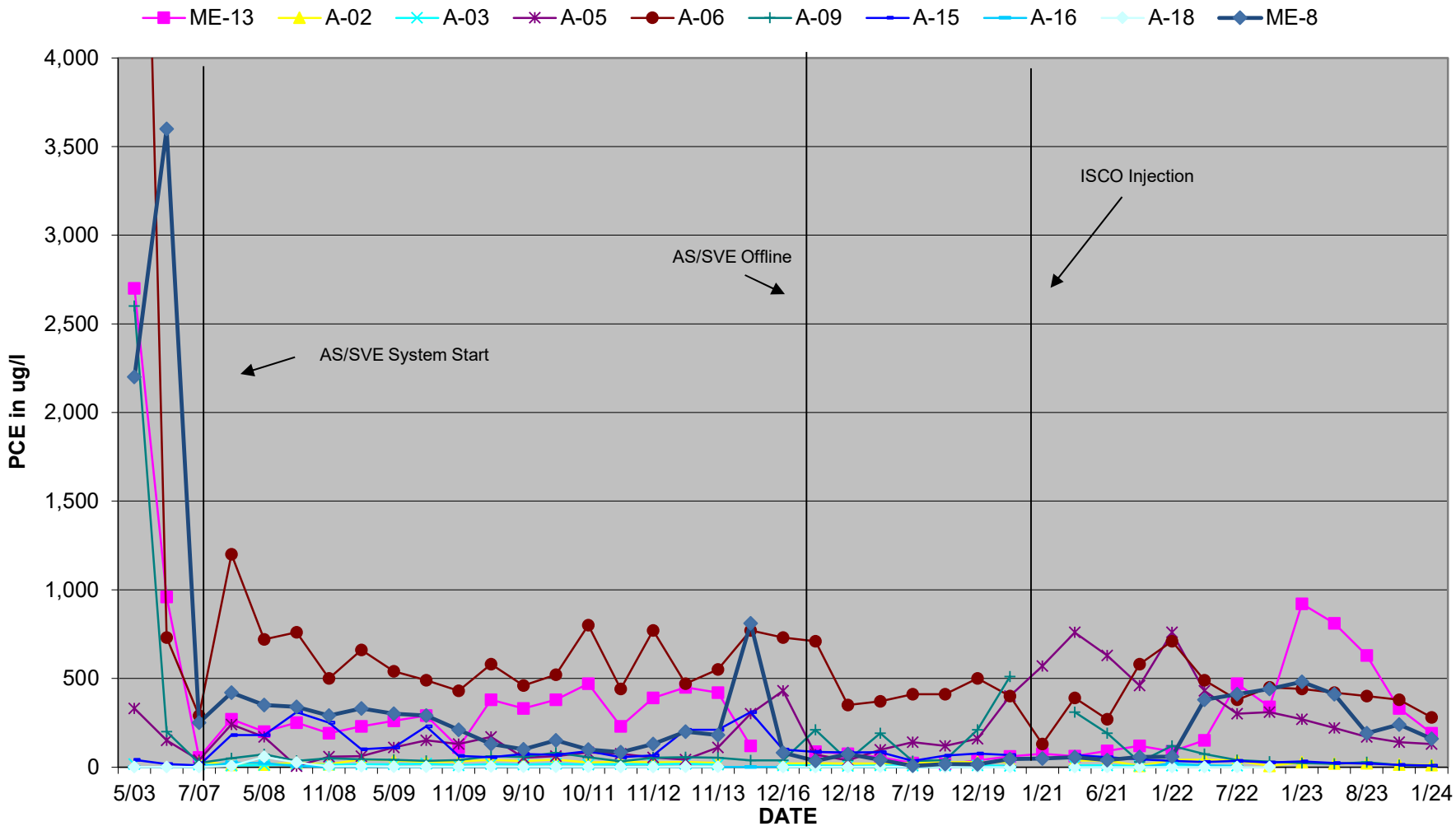
FPM GROUP

FIGURE 3.2.2.6
PCE DISTRIBUTION IN DEEP GROUNDWATER
JANUARY 2024
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, N.Y.

Drawn By: B.F.	Checked By: B.C.	Date: 2/16/24

H:\Mark Holdings\90-30 Metropolitan Ave\2023 PRR\FIGURE 3.2.2.6 240430.dwg, 4/30/2024 11:52:43 AM, \\LISA19.fpm-group.com\Kyocera TASKalfa 7004i KX

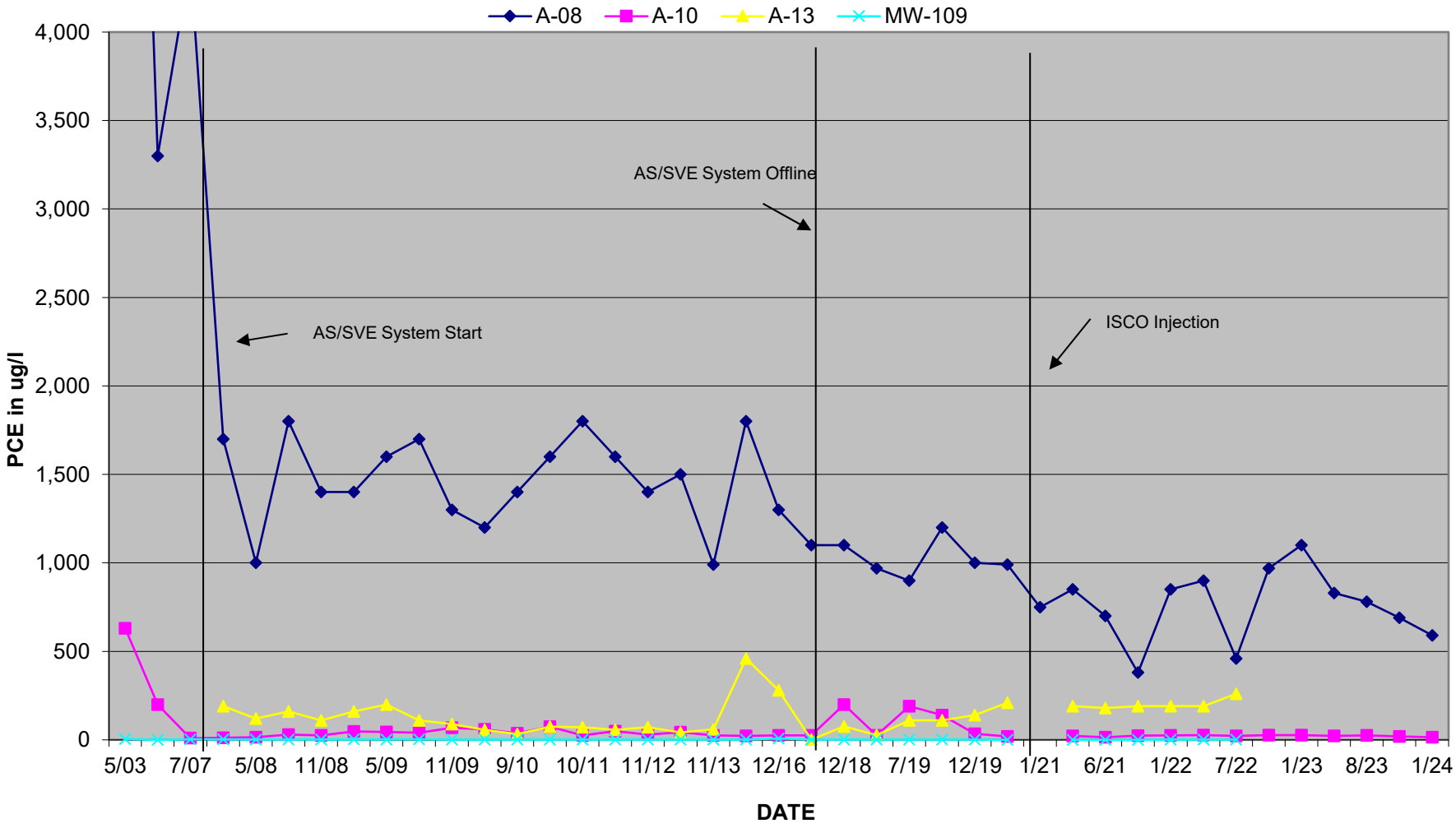
FIGURE 3.2.2.7
PCE IN SHALLOW WELLS
MAIN SITE PLUME
90-30 METROPOLITAN AVENUE, REGO PARK, NY



FPM

S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2023_2024\GW graphs\Graph shallow.xlsx

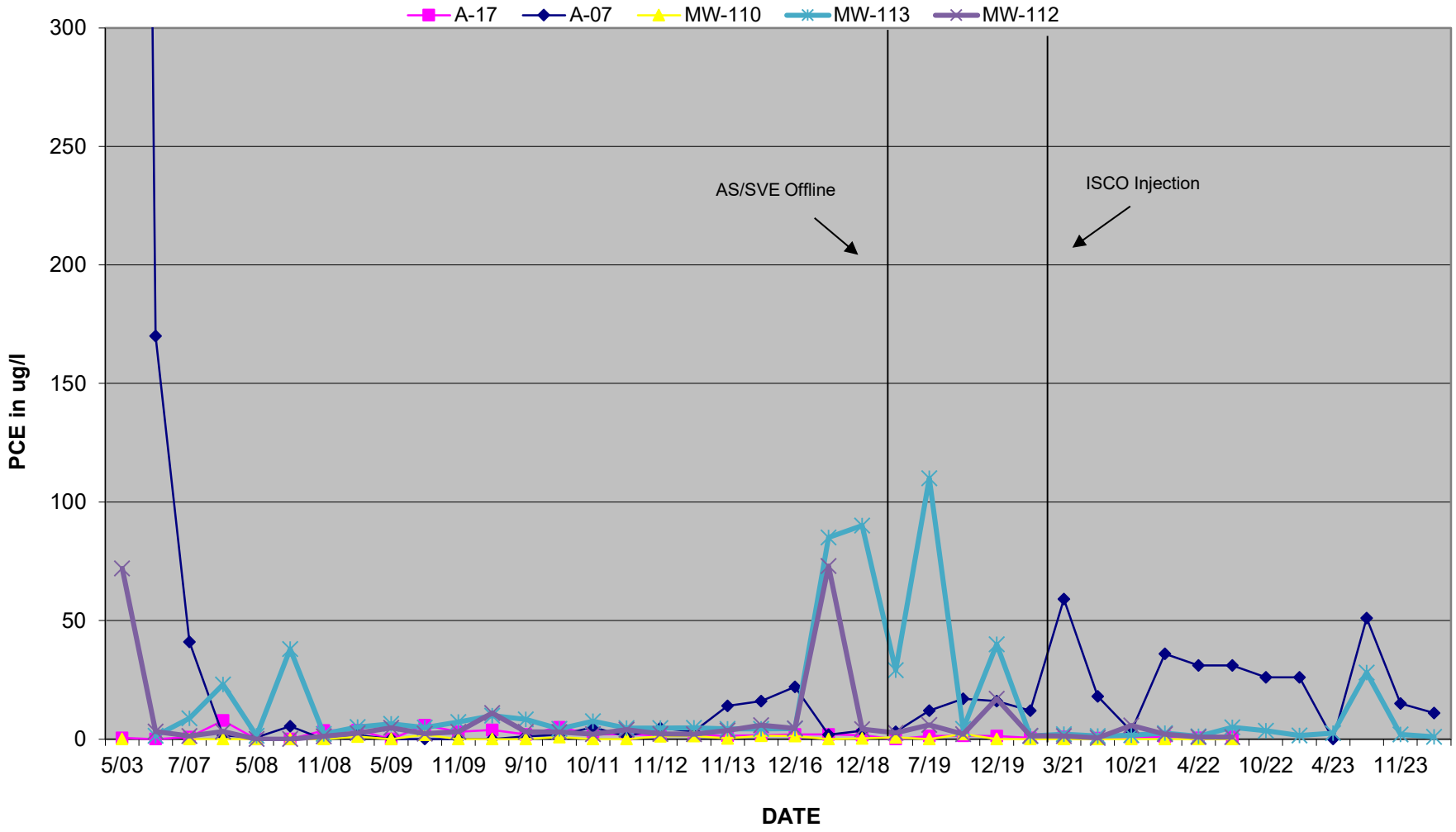
FIGURE 3.2.2.8
PCE IN INTERMEDIATE WELLS
MAIN SITE PLUME
90-30 METROPOLITAN AVENUE, REGO PARK, NY



FPM

S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2023_2024\GW graphs\Graph intermediate.xlsx

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



FPM

S:\Equity One (Regency Centers)\90-30 Metropolitan\PRR 2023_2024\GW graphs\Graph deep.xlsx

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

Well Number	ME-8																																								NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																									
Acetone	ND	ND	ND	ND	23	ND	ND	ND	ND	7.1 J	ND	2.9 JB	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**16 JB**	**54 JB**	ND	ND	6.7 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	ND	NS	ND	ND	ND	ND	ND	ND	0.49 J	0.41 J	0.45 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**2200**	**3600**	**250**	**420**	**350**	**340**	**290**	**330**	**300**	**290**	**210**	**130**	**100**	**150**	**99**	**84**	**130**	**200**	**180**	**810**	NS	**34**	**73**	**41**	**7.6**	**17**	**15**	**45**	**48**	**55**	**39**	**57**	**58**	**380**	**410**	**440**	**480**	**410**	**190**	**240**	**160**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	0.45 J	0.36 J	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35J	0.33 J	ND	ND	0.38 J	ND	ND	0.34 J	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51J	0.51J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	2,200	3,600	250	420	350	340	290	330	300	290	210	130	100	150	99	84	130	200	180	810	NS	34	73	41	8	17	31	45	49	55	39	57	58	380.35	410.33	440	480	410.38	190	240	160.34	-

Well Number	ME-13																																								NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																									
Acetone	ND	15 J	ND	ND	8.1 J	ND	ND	ND	ND	5.3 J	ND	4.4 JB	ND	ND	21 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	59 JB	**17 JB**	ND	ND	**5.8 JB**	ND	ND	ND	ND	ND	ND	ND	**5.2 JB**	**7.4 JB**	**17 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	**48 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	0.98 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.40 J	0.30 J	0.84 J	0.97 J	0.97 J	ND	ND	ND	ND	ND	0.34 J	ND	ND	ND	0.61 J	0.40 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**2700**	**960**	**54**	**270**	**200**	**250**	**190**	**230**	**260**	**290**	**110**	**380**	**330**	**380**	**470**	**230**	**390**	**450**	**420**	**120**	**98**	**87**	**75**	**55**	**23**	**16**	**37**	**60**	**75**	**62**	**91**	**120**	**88**	**150**	**470**	**340**	**920**	**810**	**630**	**330**	**190**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	0.57 J	0.78 J	0.75 J	0.68 J	0.25 J	0.30 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND	0.39 J	0.43 J	ND	ND	ND	0.44 J	0.42	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	2,700	1,008	54	270.98	200	250	190	230	260	290	110	380	330	380	470	231	391	451	421	122	99	87	75	55	23	16	49	60	76	62	91	121	88	150	470	340.43	920.00	810.0	630.00	330.44	190.42	-

Well Number	A-05																																								NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																									
Acetone	ND	ND	ND	30	3.4	ND	ND	ND	5.2 J	ND	6.9 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	2.0 JB	ND	ND	**7.8 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	0.65 J	0.97 J	1.0	0.92 J	0.38 J	ND	ND	ND	0.36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**330**	**150**	**39**	**240**	**170**	**6**	**58**	**62**	**110****	**150**	**130**	**170**	**53**	**62**	**82**	**74**	**54**	**42**	**110**	**300**	**430**	**71**	**37**	**97**	**140**	**120**	**160**	**400**	**570**	**760**	**630**	**460**	**760**	**430**	**300**	**310**	**270**	**220**	**170**	**140**	**130**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	ND	0.35 J	0.54 J	ND	ND	ND	ND	0.35 J	0.32 J	0.49 J	0.56 J	ND	ND	ND	0.47 J	ND	ND	0.38 J	0.40 J	0.35 J	0.37 J	ND	0.39 J	0.40 J	5
Cloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	332	150	39	240	170	5.5	58	62	110	150	130	170.0	53	62	82	74	54.12	42	110	300	430	71.3	37	97.7	141.32	121	162	401	570	760	630	460.83	760	430	300.38	310.4	270.35	220.37	170	140.39	130.4	-

Well Number	A-06																																								NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																									
Acetone	ND	20 JB	ND	ND	19 J	ND	ND	ND	ND	ND	ND	13 JB**	ND	ND	10 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**100**	**78**	35	29	9.5J	30	ND	23	12	ND	17	17	50
Methylene chloride	ND	**16 JB**	ND	ND	**13 JB**	ND	ND	ND	ND	5.0 JB	ND	ND	**5.1 JB**	**6.8 JB**	**18 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	21 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1	9.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.19 J	ND	ND	ND	ND	ND	1.0 J	ND	0.60 J	ND	0.42 J	0.51 J	8.7	2.8	1.6	ND	ND	ND	0.43 J	ND	ND	ND	ND	0.41 J	0.40 J	7
Tetrachloroethene	**8,000**	**730**	**290**	**1,200**	**720**	**760.00**	**500.00**	**660**	**540**	**490**	**430**	**580**	**460**	**520**	**800**	**550 E**	**770**	**470**	**550**	**770**	**780**	**710**	**350**	**370**	**410**	**410**	**500**	**400**	**130**	**390**	**270**	**580**	**710**	**490**	**380**	**450**	**440**	**420**	**400**	**380**	**280**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	1.9 J	1.1 J	1.1 J	0.83 J	0.83 J	0.59 J	ND	ND	0.54 J	ND	0.58 J	0.56 J	ND	ND	ND	0.61 J	0.40 J	ND	ND	0.39 J	ND	ND	ND	0.51 J	0.61 J	0.60 J	5
Cloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	0.66 J	2.7	ND	11	**6**	ND	ND	1.1 J	0.89 J	0.64 J	1.2	0.98 J	1.8	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.97 J	1.6 J	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	8,000	730	290	1,200	720	760	500	660	540	495	430	580	460	520	800	552	772	471	551	771	781	711	351	370	411	410	501	401	258	506.7	349.6	626	748	500	413	451.10	463.89	433.94	401.71	399.00	299.80	-

Notes:

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

FPM

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

Well Number	A-09																																						NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																							
Acetone	ND	2.9 JB	ND	ND	3.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND	ND	ND	1.2 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**15 JB**	1.8 JB	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	0.33 J	ND	1.2	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.47 J	5
Tetrachloroethene	**2,600**	**200**	**23**	**49**	**72**	**34**	**49**	**43**	**40****	**35**	**39**	**62**	**57**	**80**	**55**	**32**	**53**	**56**	**52**	**37**	**38**	**210**	**37**	**190**	**33**	**39**	**210**	**510**	**310**	**190**	**28**	**120**	**73**	**39**	**30**	**22**	**18**	**27**	**11**	**9.3**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52 J	0.16 J	0.13 J	0.16 J	ND	ND	0.36 J	1.1	0.32 J	0.93 J	0.55 J	0.43 J	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
Total VOCs*	2,600	200	23	49	72	34	49	43	40	35	39	62	57	80	55	32.52	53.16	56	52	37	38	212	38	192	34	40	212.0	512.0	310.0	190.0	28.5	ND	73	39	30	22	18.0	27	11	10.42	-

Well Number	A-15																																						NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/12**	**9/19**	**12/19**	**10/20**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																							
Acetone	ND	ND	ND	ND*	19 J	ND	4.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.4	ND	ND	ND	50
Methylene chloride	ND	ND	ND	ND	7.0 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.12 J	0.11 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	1.5	0.65 J	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.82 J	ND	ND	ND	ND	5
Tetrachloroethene	**40**	**16**	**10**	**180**	**180**	**310**	**250**	**100**	**110****	**230**	**63**	**55**	**73**	**69**	**89**	**56**	**66**	**210**	**210**	**310**	**98**	**85**	**82**	**83**	**34**	**64**	**76**	**68**	**67**	**56**	**43**	**34**	**29**	**35**	**26**	**31**	**22**	**19**	**13**	**8.0**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	0.39 J	0.34 J	0.45 J	ND	0.27 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
Total VOCs*	40	17.3	10	180	180	310	250	100	110	230	63	55	73	69	89	56	66.34	211	210	310	98	85	82	83.2	34	64	84	68	67	56	44.71	35	29	35	26.82	31	31	19	14.5	8.65	-

Well Number	A-06																																						NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																								
Acetone	ND	20 JB	ND	ND	19 J	ND	ND	ND	ND	ND	ND	13 JB**	ND	ND	10 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**100**	**78**	35	29	9.5J	30	ND	23	12	ND	17	17	50
Methylene chloride	ND	**16 JB**	ND	ND	**13 JB**	ND	ND	ND	ND	5.0 JB	ND	ND	**5.1 JB**	**6.8 JB**	**18 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	21 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.1	9.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	0.19 J	ND	ND	ND	ND	ND	1.0 J	ND	0.60 J	ND	0.42 J	0.51 J	8.7	2.8	1.6	ND	ND	ND	0.43 J	ND	ND	ND	0.41 J	0.40 J	7
Tetrachloroethene	**8,000**	**730**	**290**	**1,200**	**720**	**760.00**	**500.00**	**660**	**540**	**490**	**430**	**580**	**460**	**520**	**800**	**550 E**	**770**	**470**	**550**	**770**	**780**	**710**	**350**	**370**	**410**	**410**	**500**	**400**	**130**	**390**	**270**	**580**	**710**	**490**	**380**	**450**	**440**	**420**	**400**	**380**	**280**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	1.9 J	1.1 J	1.1 J	0.83 J	0.83 J	0.59 J	ND	ND	0.54 J	ND	0.58 J	0.56 J	ND	ND	ND	ND	ND	ND	0.39 J	ND	ND	ND	0.51 J	0.61 J	0.60 J	5
Cloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.51 J	0.66 J	2.7	ND	11	**6**	ND	ND	1.1 J	0.89 J	0.64 J	1.2	0.98 J	1.8	5
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.97 J	1.6 J	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	8,000	730	290	1,200	720	760	500	660	540	495	430	580	460	520	800	552	772	471	551	771	781	711	351	370	411	410	501	401	258	506.7	349.6	626	748	500	413	451.10	463.89	433.94	401.71	399.00	299.80	-

Notes:

ND = Not detected

NS = Not sampled

VOCs = Volatile Organic Compounds

- = Not established

Bold shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

NYSDEC = New York State Department of Environmental Conservation

J = Estimated concentration below reporting limit

B = Analyte detected in an associated blank sample

FPM

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

Well Number	A-08																																						NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/19**	**9/19**	**12/19**	**10/20**	**1/21**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																								
Acetone	ND	**450 B**	**97 J**	ND	**190 B**	ND	ND	ND	ND	ND	ND	**28 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	ND	**57 JB**	ND	ND	**32 JB**	ND	ND	ND	ND	**14 JB**	ND	ND	**7.9 JB**	**14 JB**	**34 JB**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	0.99 J	0.78 J	0.51 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**8,500**	**3,300**	**4,400**	**1,700**	**1,000**	**1,800**	**1,400**	**1,400**	**1,600****	**1,700**	**1,300**	**1,200**	**1,400**	**1,600**	**1,800**	**1,600**	**1,400**	**1,500**	**990**	**1,800**	**1,300**	**1,100**	**1,100**	**970**	**900**	**1,200**	**1,000**	**990**	**750**	**850**	**700**	**380**	**850**	**900**	**460**	**970**	**1,100**	**830**	**780**	**690**	**590**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6 J	2.5 J	2.7 J	1.8 J	1.8 J	1.2 J	1.4 J	3.3 J	ND	ND	1.7 J	ND	ND	ND	1.1 J	ND	0.95 J	1.3 J	1.2J	0.77 J	1.3 J	ND	1.2 J	1.4 J	1.2 J	1.1 J	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6**	ND	**31**	ND	**18**	**18**	2.7	3.1	ND	ND	ND	ND	ND	5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92 J	0.98J	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	0.87 J	ND	ND	ND	ND	ND	2.3	ND	ND	ND	ND	ND	5
Total VOCs*	8,500	3,300	4,400	1,700	1,000	1,800	1,400	1,400	1,600	1,700	1,300	1,200	1,400	1,600	1,800	1,605	1,403	ND	991	1,102	1,302	1,102	1,104	970	900	1,202	1,000	990	883	873	732	381	870	922	463	977	1,100	832.4	781	691.2	591	-

Well Number	A-10																																						NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**5/03**	**6/05**	**7/07**	**1/08**	**5/08**	**8/08**	**11/08**	**2/09**	**5/09**	**8/09**	**11/09**	**3/10**	**9/10**	**4/11**	**10/11**	**5/12**	**11/12**	**5/13**	**11/13**	**5/16**	**12/16**	**2/18**	**12/18**	**3/19**	**7/12**	**9/19**	**12/19**	**10/20**	**3/21**	**6/21**	**10/21**	**1/22**	**4/22**	**7/22**	**10/22**	**1/23**	**4/23**	**8/23**	**11/23**	**1/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter																																							
Acetone	ND	3.0 JB	ND	ND	ND	3.0 J	ND	ND	ND	ND	ND	ND	1.7 JB	ND	35	ND	ND	ND	ND	ND	ND	1.5 J, B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	ND	1.7 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15 J	0.17 J	ND	ND	ND	ND	1.3	0.31 J	0.88 J	0.40 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Tetrachloroethene	**630**	**200**	**10**	**12**	**15**	**30**	**25**	**47**	**44****	**40**	**68**	**60**	**37**	**74**	**26**	**49**	**30**	**43**	**25**	**23**	**26**	**26**	**200**	**26**	**190**	**140**	**34**	**19**	**23**	**15**	**24**	**26**	**27**	**22**	**27**	**27**	**23**	**25**	**20**	**15**	5
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	0.34 J	0.57 J	0.34 J	0.57 J	0.63	0.54 J	0.46 J	0.57 J	0.39 J	ND	0.79 J	0.49 J	0.52 J	0.42 J	ND	0.58 J	0.64J	0.61 J	0.73 J	0.59 J	0.67 J	ND	0.70 J	0.63 J	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.94 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.56 J	5
Total VOCs*	630	200	10	12	15	30	25	47	44	40	68	61	37	74	26	49	30	44	25	24	27	28	202	58	191	140	34	20	24	15	24	27	28	23	28	28	23.67	25	20.7	16	-

Notes:

ND = Not detected

VOCs = Volatile Organic Compounds

- = Not established

Bold shaded values exceed NYSDEC Class GA Ambient Water Quality Standards

NYSDEC = New York State Department of Environmental Conservation

J = Estimated concentration below reporting limit

B = Analyte detected in an associated blank sample

FPM

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

MAIN SITE PLUME

Well Number	A-07																																							NYSDEC Class GA Ambient Water Quality Standards
Sample Date	5/03	6/05	7/07	1/08	5/08	8/08	11/08	2/09	5/09	8/09	11/09	3/10	9/10	4/11	10/11	5/12	11/12	5/13	11/13	5/16	12/16	2/18	12/18	3/19	7/19	9/19	12/19	10/20	3/21	6/21	10/21	1/22	4/22	7/22	10/22	1/23	4/23	8/23	11/23	1/24	
Target Compound List Volatile Organic Compounds in micrograms per liter																																								
Acetone	ND	3.2 JB	ND	ND	ND	**59 B**	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J,B	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	**13 JB**	1.8 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
2-Butanone	ND	7.0 JB	26	ND	ND	**230 B**	ND	**5.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12 J	0.17 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0	0.43 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Tetrachloroethene	**1,600**	**170**	**41**	1.5 J	0.68 J	**5.4 J**	ND	1.7 J	ND	ND	ND	ND	1.1 J	1.7 J	**5.0**	1.2	4.5	3.0	**14.0**	**16**	**22**	1.8	3.5	3	**12**	**17**	**16**	**12**	**59**	**18**	3.3	**36**	**31**	**31**	**26**	**26**	**21**	**51**	**15**	**11**	5
1,1,2,2-Tetrachloroethane	**18 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	1,618	170	41	1.5	0.68	5.4	ND	1.7	ND	ND	ND	ND	1.1	1.7	5.0	1.2	4.6	3	14	16	22	3	4	3	12.0	3.5	3.0	14.0	59.8	18.0	3.3	36	31	31	26	26	21.0	51	15.0	11	-

Well Number	MW-113																																							NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/05	7/07	1/08	5/08	8/08	11/08	2/09	5/09	8/09	11/09	3/10	9/10	4/11	10/11	5/12	11/12	5/13	11/13	5/16	12/16	2/18	12/18	3/19	9/19	12/19	10/20	3/21	6/21	10/21	1/22	4/22	7/22	10/22	1/23	4/23	8/23	11/23	1/24	
Target Compound List Volatile Organic Compounds in micrograms per liter																																							
Acetone	ND	3.4 JB	ND	ND	ND	1.4 J	ND	ND	1.4 J	ND	ND	ND	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Methylene chloride	0.62 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52 J	ND	0.44 J	ND	ND	ND	-
Tetrachloroethene	1.4 J	8.70	**23.00**	**1.4 J**	38.00	**2.2 J**	5.10	**6.40**	**4.80**	7.2	**9.90**	**8.30**	**4.3 J**	7.50	**4.60**	4.5	4.7	4.3	4.3	4.4	85	**90.00**	**29.00**	**4.30**	**40.00**	**1.30**	2.1	1.3	1.6	2.5	1.1	4.9	3.5	1.5	2.5	**28**	1.9	0.98 J	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Total VOCs*	1.4	8.7	23	1.4	38	2.2	5.1	6.4	4.8	7.2	9.9	8.3	4.3	7.5	4.6	4.63	5	4.3	4.3	4.4	85	90	90	4.3	57	1.3	ND	1.3	1.6	2.5	1.1	4.9	4.02	1.5	2.94	28	1.9	0.98	-

Notes:

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

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

FPM

SECTION 4.0
OPERATION AND MAINTENANCE PLAN COMPLIANCE

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

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

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

4.1 Summary of O&M Activities

During the reporting period no maintenance of the groundwater monitoring wells has been necessary other than occasional repair of manholes due to routine wear and parking lot activities. These activities are documented in the field logbook for the Site and on the groundwater, sampling forms in Appendix D.

4.2 Evaluation of O&M Activities

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

4.3 O&M Deficiencies

No O & M deficiencies occurred during the reporting period.

4.4 Recommendations

Continued groundwater monitoring with modifications as discussed in Section 3.4 is recommended.

SECTION 5.0
CONCLUSIONS AND RECOMMENDATIONS

5.1 Compliance with OM&M Plan

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

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

5.2 Performance and Effectiveness of the Remedy

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

5.3 Recommendations

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

- Continued monitoring is needed to evaluate changes in groundwater PCE concentrations. The groundwater monitoring frequency is recommended to continue in semiannual basis for shallow wells A-02, A-05, A-06, A-09, A-15, ME-8, and ME-13, intermediate wells A-08 and A-10, and deep wells A-07 and MW-113. Procedures should continue to be

performed in accordance with the OM&M Plan and NYSDEC-approved modifications as applicable.

APPENDIX A

DEED RESTRICTION AND CORRESPONDENCE

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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

2009091000255001001E1307

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

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

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

PROPERTY DATA

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

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

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

PARTIES

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

FEES AND TAXES

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

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

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

City Register Official Signature

DECLARATION of COVENANTS and RESTRICTIONS

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

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

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

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

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

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

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

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

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

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

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

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

DPSW FOREST HILLS LLC
a New York limited liability company

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

By: _____
Name: David Schore

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

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

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

_____
Notary Public

SEAL

APPENDIX "A"

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

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

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

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

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

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

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

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

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

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

August 21, 2023

Eric Silvers, PG
Director, Environmental
Regency Centers
One Independent Drive, Suite 114
Jacksonville, FL 32202

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter
90-30 Metropolitan Avenue, Queens
Queens County, Site No. V00253

Dear Mr. Silvers (as the certifying Party):

The New York State Department of Environmental Conservation (NYSDEC) has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: January 31, 2022 to January 31, 2023.

The NYSDEC hereby accepts the PRR and associated Certification. The frequency of periodic reviews for this site is 1 year, your next PRR is due on March 1, 2024. You will receive a reminder letter and updated certification form 45-days prior to the due date. Regardless of receipt, or not, of the reminder notice the next PRR including the signed certification form is due on the date specified above.

The PRR report recommends that the Air Sparge/Soil Vapor Extraction (AS/SVE) system remain offline based on the following:

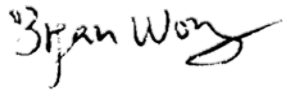
- The AS/SVE system have been operating for about twelve years (from August 2007 to February 2019), and the AS/SVE is believed to have reached the limits of its effectiveness,
- A corrective measure work plan consisting of an In-Situ Chemical Oxidation (ISCO) pilot test to assess the feasibility of using Persulfox to treat the chlorinated volatile organic compound (CVOC) impacts in groundwater was approved by the NYSDEC in January 2020 and was implemented in December 2020. FPM Group is currently monitoring the groundwater to evaluate the effectiveness of the ISCO pilot test.
- A soil vapor investigation (SVI) was performed in March 2019 and March 2021 in accordance with NYSDEC approved SVI work plan which concluded that SVI does not post a concern to the site building.

The NYSDEC concurs with the consultant's recommendation that AS/SVE system should remain offline and to continue monitoring the groundwater to assess effectiveness of the ISCO pilot test for treating CVOC impacted groundwater at the site.

Please submit a revised Operation, Monitoring and Maintenance Plan (OM&M) to reflect the modification to the Engineering controls approved herein within 30 days.

If you have any questions, or need additional forms, please contact me at 718-482-4905 or e-mail: yukyin.wong@dec.ny.gov.

Sincerely,



Bryan Wong
Project Manager

ec: J. O'Connell, A. Obligado – NYSDEC
S. McLaughlin, S. Lawrence – NYSDOH
B. Cancemi – FPM Group

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
625 Broadway, 11th Floor, Albany, NY 12233-7020
P: (518)402-9543 | F: (518)402-9547
www.dec.ny.gov

12/19/2023

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

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

Dear Eric Silvers:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **March 01, 2024**. Guidance on the content of a PRR is enclosed.

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

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

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

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

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

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

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

You may contact Bryan Wong, the Project Manager, at 718-482-4905 or yukyin.wong@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

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

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

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

ec: w/ enclosures

Bryan Wong, Project Manager

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

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

Enclosure 1

Certification Instructions

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

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

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

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

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

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

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

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

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

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

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

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

Site Details **Box 1**

Site No. V00253

Site Name 90-30 Metropolitan Avenue

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

Reporting Period: January 31, 2023 to January 31, 2024

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

Box 2

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

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

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

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

SITE NO. V00253 **Box 3**

Description of Institutional Controls

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

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

Box 4

Description of Engineering Controls

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

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

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☐	☐

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

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

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

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

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

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

YES	NO
☐	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00253

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I _____ at _____,
print name print business address

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

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

Enclosure 3
Periodic Review Report (PRR) General Guidance

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

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

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

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

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

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

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

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

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

VII. Overall PRR Conclusions and Recommendations

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

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

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

VIII. Additional Guidance

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

APPENDIX B

RESUMES OF ENVIRONMENTAL PROFESSIONALS

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Ben T. Cancemi, PG, CPG

Engineering and Environmental Science

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

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

Personal Data

Education

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

Registration and Certifications

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

Employment History

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

Detailed Experience

Hydrogeologic Evaluations

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

Site Investigations

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

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

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

Phase I Environmental Site Assessments

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

Remediation

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

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Ben T. Cancemi, PG, CPG

Engineering and Environmental Science

Health and Safety

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

Expert Witness/Technical Services

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

MGP Site Experience

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

Other

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

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

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

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Kevin F. Loyst, PE, PMP

Engineering and Environmental Science

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

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

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

Personal Data

Education

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

Registration and Certifications

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

Societies/Associations

American Society of Civil Engineers
Project Management Institute

Employment History

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

Technical Seminars

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

Detailed Experience

Design & Construction

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

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

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

Regulation Compliance/Permitting

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

Site Investigation & Remediation

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

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

Environmental Impact Analysis

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

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

Expert Witness Testimony

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

FPM group

An Olgoonik Company

Christopher DiSclafani

Engineering and Environmental Science

Mr. DiSclafani has a diversified experience in geology and hydrogeology. His professional experience includes landfill gas monitoring, Part 360 landfill groundwater monitoring, groundwater and soil investigations, Phase I Environmental Site Assessments, soil remediation projects, soil vapor intrusion evaluation, maintenance of groundwater, soil and soil vapor remediation systems, and evaluation of site compliance with environmental regulations.

Functional Role	Title	Years of Experience
Hydrogeologist	Hydrogeologist	2

Personal Data

Education
B.S./2021/Geology/SUNY Cortland, NY
A.S./2018/Liberal Arts & Sciences/SUNY Farmingdale, NY

Registration and Certifications
OSHA 40-hour HAZWOPER Health & Safety Training

Employment History
2021-Present FPM Group

Detailed Experience

Landfills

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

Site Investigation and Monitoring

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

Remediation

- Field Technician - Operates and maintains remediation systems, including soil vapor extraction, air sparge systems, groundwater pump and treat, and sub-slab depressurization systems.

Health and Safety

- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Monitoring included calibration and operation of photoionization detectors (PIDs), flame-ionization detectors (FIDs), dust monitors, and combustible gas indicators (CGI). Compared results to applicable action levels and undertook preventative/protective measures as necessary.
- Performed community air monitoring (CAMP), including monitoring for noise, particulates (dust), and organic vapors at several sites throughout New York State. Recorded observations and compared to applicable action levels.

FPM group
An Olgoonik Company

Jacob Stumm

Engineering and Environmental Science

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

Functional Role	Title	Years of Experience
Hydrogeologist	Hydrogeologist	2

Personal Data

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

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

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

Detailed Experience

Landfills

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

Site Investigation and Monitoring

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

Remediation

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

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

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

Other

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

APPENDIX C

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

Enclosure 2

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

Site Details **Box 1**

Site No. **V00253**

Site Name 90-30 Metropolitan Avenue

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

Reporting Period: January 31, 2023 to January 31, 2024

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

Box 2

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

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

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

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

SITE NO. V00253 **Box 3**

Description of Institutional Controls

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

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

Box 4

Description of Engineering Controls

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

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

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	☐

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

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

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

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

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

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

YES	NO
X	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00253

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I ERIC R. SILVERS (print name) at ONE INDEPENDENT DRIVE JACKSONVILLE, FL 32207 (print business address),

am certifying as OWNER (Owner or Remedial Party)

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

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date: 2.26.24

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

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

print name — print business address

am certifying as a Professional Engineer for the OWNER

(Owner or Remedial Party)

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

Stamp (Required for PE)

3/4/24

Date

APPENDIX D

SITE-WIDE INSPECTION LISTS

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

Date of Inspection: November 2023

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

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

Compliance with Institutional Controls

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

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

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

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

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

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

Compliance with Engineering Controls

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

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

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

General Site Conditions

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

OM&M Activities

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

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

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

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

Compliance with Schedules

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

Site Records

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

Inspector Information

Name and Affiliation of Inspector: Jake Stumm, FPM Group

Date of Inspection: November 8, 2023

Reason for Inspection: 2023 annual site-wide inspection.

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

APPENDIX E

GROUNDWATER SAMPLING FORMS

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 7:50

Weather: 53° F, Cloudy Finish Time: 8:00

Sampled By: JS/CD

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 42.06 Feet.

Height of Water Column: 10.89 Feet.

Water Volume in Casing: 1.77 Gallons.

Water Volume to be Purged: 5.5 Gallons.

Water Volume Actually Purged: 5.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: ___

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
7:53	~ 2	6.23	3.63(ms)	59.4	18.22
7:55	~ 4	6.75	3.57(ms)	60.2	3.12
7:57	~ 5	7.03	3.59(ms)	60.3	0.00

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 8:15

Weather: 53° F, Cloudy Finish Time: 8:30

Sampled By: JS/CD

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 42.02 Feet.

Height of Water Column: 14.49 Feet.

Water Volume in Casing: 9.5 Gallons.

Water Volume to be Purged: 30 Gallons.

Water Volume Actually Purged: 30 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:20	~ 10	6.10	2.89 (mS)	61.8	12.10
8:25	~ 20	6.38	2.76 (mS)	61.5	3.79
8:30	~ 30	6.42	2.79 (mS)	61.1	0.0

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 8:35

Weather: 53°F, Cloudy Finish Time: 8:50

Sampled By: JS/CD

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 42.18 Feet.

Height of Water Column: 15.94 Feet.

Water Volume in Casing: 10.4 Gallons.

Water Volume to be Purged: 31 Gallons.

Water Volume Actually Purged: 31 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:40	~ 10	6.98	3.98 (mS)	56.3	2.86
8:45	~ 20	7.01	4.19 (mS)	57.9	0.00
8:50	~ 30	7.09	4.22 (mS)	57.6	—

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 9:00

Weather: 53°F, Cloudy Finish Time: 9:15

Sampled By: JS/CD

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 43.39 Feet.

Height of Water Column: 83.54 Feet.

Water Volume in Casing: 13.61 Gallons.

Water Volume to be Purged: 40 Gallons.

Water Volume Actually Purged: 40 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:05	~10	7.25	2.05 (ms)	57.7	3.14
9:10	~20	7.17	2.03 (ms)	57.9	6.00
9:15	~30	7.21	2.15 (ms)	56.8	0.00

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 9:20

Weather: 53°F, Cloudy Finish Time: 9:30

Sampled By: JS/CD

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: 43.93 Feet.

Height of Water Column: 15.19 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 7.5 Gallons.

Water Volume Actually Purged: 7.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD *

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:22	~ 2	6.51	2.85 (MS)	62.2	92
9:24	~ 4	6.80	2.84 (MS)	62.1	50
9:26	~ 6	6.96	2.86 (MS)	61.8	31.90
9:28	~ 8	7.01	2.88 (MS)	61.5	15.75

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 9:50

Weather: 53°F, Cloudy Finish Time: 10:00

Sampled By: JS/CD

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 44.38 Feet.

Height of Water Column: 15.07 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 7.5 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * DUP A-066 Persulfate: > 5.6 ppm < 7.0 ppm

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:52	~ 2	6.74	4.63 (mS)	66.7	23.75
9:54	~ 4	8.44	5.21 (mS)	65.5	16.62
9:56	~ 6	8.71	5.28 (mS)	64.8	4.58
9:58	~ 8	8.77	5.31 (mS)	64.4	2.88

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 10:10

Weather: 53°F, Cloudy Finish Time: 10:25

Sampled By: JS/CD

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 45.38 Feet.

Height of Water Column: 38.51 Feet.

Water Volume in Casing: 6.27 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test: > 70 ppm

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
10:15	~ 5	6.85	5.59 (ms)	67.1	33.12
10:20	~ 10	6.32	5.64 (ms)	64.2	17.61
10:25	~ 20	6.28	5.69 (ms)	63.1	7.13

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 10:35

Weather: 53°F, Cloudy Finish Time: 10:55

Sampled By: JS/CD

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 45.15 Feet.

Height of Water Column: 71.06 Feet.

Water Volume in Casing: 11.58 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test: ~ 7.0 ppm

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
10:40	~ 10	6.73	1892	66.0	28.12
10:45	~ 20	6.82	1841	63.9	0.00
10:50	~ 30	6.85	1844	61.9	0.00

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 11:15

Weather: 53°F, Cloudy Finish Time: 11:20

Sampled By: JS/CD

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 40.76 Feet.

Height of Water Column: 17.99 Feet.

Water Volume in Casing: 3.0 Gallons.

Water Volume to be Purged: 9 Gallons.

Water Volume Actually Purged: 10 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test : < 7.0 ppm

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:16	~ 3	6.39	1503	66.3	15.99
11:18	~ 6	6.91	1472	64.2	8.38
11:20	~ 9	6.93	1475	64.4	3.12

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 11:25

Weather: 53°F, Cloudy Finish Time: 11:40

Sampled By: JS/CD

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 45.22 Feet.

Height of Water Column: 39.88 Feet.

Water Volume in Casing: 6.5 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:30	~ 5	6.95	2.04 (ms)	63.1	32.81
11:35	~ 10	6.93	2.06 (ms)	62.8	31.21
11:40	~ 20	6.91	2.03 (ms)	62.1	25.12

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 4/27/23 Start Time: 11:00

Weather: 53°F, Cloudy Finish Time: 11:05

Sampled By: JS/CD

Depth to Bottom of Well: 59.00 Feet.

Depth to Water: 44.18 Feet.

Height of Water Column: 14.82 Feet.

Water Volume in Casing: 2.41 Gallons.

Water Volume to be Purged: 7.25 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test: < 7.0 ppm

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:02	~ 3	6.45	5.81 (ms)	67.1	30.13
11:04	~ 6	6.33	5.77 (ms)	66.8	22.18
11:05	~ 9	6.28	5.56 (ms)	66.4	13.10

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: ~~10:00~~ 9:55

Weather: 75°, Clear Finish Time: 10:10

Sampled By: JS/CT

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: ~~43.77~~ 43.77 Feet.

Height of Water Column: 15.35 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 7.5 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD * Persulfate Test:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
10:03						
~~10:05~~	~ 2	7.30	2.72 (MS)	68.7	202	
~~10:10~~ 10:05	~ 4	7.32	2.54 (MS)	65.3	118	
10:08	6	7.36	2.56 (MS)	65.1	66	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 12:35

Weather: 75°, Clear Finish Time: 12:45

Sampled By: JS/CT

Depth to Bottom of Well: 59.00 Feet.

Depth to Water: 43.95 Feet.

Height of Water Column: 15.05 Feet.

Water Volume in Casing: 2.4 Gallons.

Water Volume to be Purged: 7.3 Gallons.

Water Volume Actually Purged: 7.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
12:37	2	7.41	3.84(ms)	67.6	46.34	
12:40	4	7.38	3.77(ms)	65.6	38.12	
12:43	6					

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: A-06 Well Diameter: _____

Date: 8/9/23 Start Time: 10:30

Weather: 75°, Clear Finish Time: 10:45

Sampled By: JS/CT

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 44.26 Feet.

Height of Water Column: 15.19 Feet.

Water Volume in Casing: 2.47 Gallons.

Water Volume to be Purged: 7.4 Gallons.

Water Volume Actually Purged: 2 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: *DUP* Persulfate Test: A-066

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
	~ 2	7.37	4.94 (MS)	65.8	18.22	
	~ 4	7.56	5.40	66.0	10.95	
	~ 6	7.87	4.88 (ms)	66.2	8.26	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 11:30

Weather: 75°, Clear Finish Time: 11:50

Sampled By: JS/CT

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 44.98 Feet.

Height of Water Column: 71.23 Feet.

Water Volume in Casing: 11.60 Gallons.

Water Volume to be Purged: 34.8 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
	~ 10	7.38	1733	63.2	48.12	
	~ 20	7.29	1728	63.0	12.18	
	~ 30	7.27	1731	62.3	—	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 6/9/23 Start Time: 11:00

Weather: 75°, Clear Finish Time: 11:10

Sampled By: JS/CT

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 45.29 Feet.

Height of Water Column: 38.60 Feet.

Water Volume in Casing: 6.29 Gallons.

Water Volume to be Purged: 18 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
	5	6.96	5.05(ms)	65.3	15.96	
	10	7.01	5.15(ms)	65.2	10.12	
	15				8.52	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 13:00

Weather: 75°, Clear Finish Time: 13:10

Sampled By: JS/CT

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 43.96 Feet.

Height of Water Column: 14.96 Feet.

Water Volume in Casing: 2.43 Gallons.

Water Volume to be Purged: 7.33 Gallons.

Water Volume Actually Purged: 7.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test :

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
	2	7.36	1566(uS)	64.3	29.59	
	4	7.28	1611 (uS)	64.4	12.15	
	6	7.31	1633(uS)	64.1	5.12	

Sampling and Analytical Methods: TCL VOCs, chloride,sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 13:25

Weather: 75°, Clear Finish Time: 13:40

Sampled By: JS / CT

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 45.03 Feet.

Height of Water Column: 40.07 Feet.

Water Volume in Casing: 6.53 Gallons.

Water Volume to be Purged: 19.59 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: Persulfate Test.

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)	
	5	7.17	1931	66.4	23.41		
	10	7.21	1935	66.1	18.21		
	15	7.28	1933	65.6	10.12		

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 7:30

Weather: 75°, Clear Finish Time: 7:40

Sampled By: JS/CT

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 41.85 Feet.

Height of Water Column: 11.10 Feet.

Water Volume in Casing: 1.8 Gallons.

Water Volume to be Purged: 5.5 Gallons.

Water Volume Actually Purged: ~~5.5~~ Gallons. 6

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (mS/M)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
7:32	2	7.27	3.68	64.6	37.34	
7:34	4	7.25	3.38	63.3	16.03	
7:36	6	7.27	3.35	63.1	8.55	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 8:00

Weather: 75°, Clear Finish Time: 8:20

Sampled By: JS/CT

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 41.80 Feet.

Height of Water Column: 14.71 Feet.

Water Volume in Casing: 9.6 Gallons.

Water Volume to be Purged: 28 Gallons.

Water Volume Actually Purged: 30 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
8:05	~10	7.21	2.95(ms)	66.7	15.72	
8:10	~20	7.24	2.63(ms)	65.7	15.05	
8:15	~30	7.27	2.69(ms)	65.5	12.72	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

Well No.: ME-13 Well Diameter: ~~2~~ 4"

Date: 8/9/23 Start Time: 8:30

Weather: 75°, Clear Finish Time: ~~8:40~~ 8:50

Sampled By: JS/CT

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 41.91 Feet.

Height of Water Column: 16.21 Feet.

Water Volume in Casing: ~~3.64~~ 10.58 Gallons.

Water Volume to be Purged: ~~7.9~~ Gallons. 3 ✓

Water Volume Actually Purged: ~~8~~ Gallons. 3 ✓

Purge Method: Submersible Pumps

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
~~8:48~~ 12	~~2~~ 10	7.06	3.60 (ms)	66.4	19.01	
8:34	~~4~~ 20	7.01	3.86 (ms)	66.0	12.43	
~~8:58~~ 8:28	6 30	7.08	3.91 (ms)	64.5	5.57	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 8/9/23 Start Time: 9:00

Weather: 75° Clear Finish Time: 9:25

Sampled By: JS/CT

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 43.45 Feet.

Height of Water Column: 83.48 Feet.

Water Volume in Casing: 13.6 Gallons.

Water Volume to be Purged: 40 Gallons.

Water Volume Actually Purged: 40 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
	~10	7.26	424	69.6	45.42	
	~20	6.89	510	68.7	41.55	
	~30	6.80	506	69.8	40.68	
	~40	6.83	509	69.1	35.12	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 10:25

Weather: 43°, Clear Finish Time: 10:35

Sampled By: JS/VM

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: 43.41 Feet.

Height of Water Column: 15.71 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 8 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD *

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
10:27	~ 2	7.48	2,010	62.6	84	
10:30	~ 4	7.43	2,260	62.4	49.01	
10:33	~ 6	7.41	2,280	63.0	27.15	
10:35	~ 8	7.42	2,260	62.8	21.17	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 11:00

Weather: 43°, Clear Finish Time: 11:10

Sampled By: JS/VM

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 43.98 Feet.

Height of Water Column: 15.47 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 8 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

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

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)	
11:03	~ 2	7.38	2,800	63.1	20.01		
11:06	~ 4	7.81	5,277	63.7	20.37		
11:09	~ 6	7.75	5,315	63.3	16.44		
11:10	~ 8	7.71	5,322	63.1	13.44		

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 11:15

Weather: 43°, Clear Finish Time: 11:30

Sampled By: JS/VM

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 45.07 Feet.

Height of Water Column: 38.82 Feet.

Water Volume in Casing: 6.32 Gallons.

Water Volume to be Purged: ~20 Gallons.

Water Volume Actually Purged: ~20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
11:20	~10	7.14	5,120	62.2	107	
11:25	~ ~~12~~ 15	6.89	5,140	61.7	66	
11:30	~20	6.93	5,133	63.0	25.18	

Sampling and Analytical Methods: TCL VOCs, chloride,sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 12:20

Weather: 43°, Clear Finish Time: 12:30

Sampled By: JS/VM

Depth to Bottom of Well: 59.00 Feet.

Depth to Water: 43.36 Feet.

Height of Water Column: 15.64 Feet.

Water Volume in Casing: 2.55 Gallons.

Water Volume to be Purged: 7.65 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
12:23	~ 2	7.14	4,500	64.0	73	
12:25	~ 4	7.10	4,680	62.8	29.13	
12:27	~ 6	7.07	4,600	62.6	26.12	
12:30	~ 8	7.05	4,623	62.2	21.15	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 12:45

Weather: 43°, Clear Finish Time: 12:55

Sampled By: JS/VM

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 43.19 Feet.

Height of Water Column: 15.56 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 8 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)	
12:47	~ 2	7.54	1,527	64.2	66		
12:51	~ 4	7.36	1,518	63.8	36.39		
12:53	~ 6	7.34	1,521	63.4	15.29		
12:55	~ 8	7.31	1,533	62.9	10.12		

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 13:00

Weather: 43°, Clear Finish Time: 13:20

Sampled By: JS/VM

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 44.65 Feet.

Height of Water Column: 40.45 Feet.

Water Volume in Casing: 6.5 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
13:05	~ 5	7.17	2,530	61.7	29.39	
13:10	~ 10	7.03	2,030	61.5	31.31	
13:15	~ 15	6.97	2,050	61.2	19.89	
13:20	~ 20	7.02	1,998	61.7	18.72	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 11:45

Weather: 43°, Clear Finish Time: 12:15

Sampled By: JS/VM

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 44.93 Feet.

Height of Water Column: 71.28 Feet.

Water Volume in Casing: 11.61 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
11:50	~ 10	7.31	1,936	60.3	17.18	
12:00	~ 20	7.28	1,816	61.3	18.90	
12:10	~ 30	7.19	1,785	60.4	14.23	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 8:35

Weather: 43°, Clear Finish Time: 8:50

Sampled By: JS/VM

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 41.57 Feet.

Height of Water Column: 14.94 Feet.

Water Volume in Casing: 9.75 Gallons.

Water Volume to be Purged: 30 Gallons.

Water Volume Actually Purged: 30 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)	
8:40	~10	6.97	2,650	59.9	99		
8:45	~20	7.18	3,230	60.3	19.04		
8:50	~30	7.31	3,234	59.7	18.12		

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 9:10

Weather: 43°, Clear Finish Time: 9:30

Sampled By: JS/VM

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 41.63 Feet.

Height of Water Column: 16.49 Feet.

Water Volume in Casing: 10.76 Gallons.

Water Volume to be Purged: 32 Gallons.

Water Volume Actually Purged: 32 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
9:15	~10	6.77	4,080	62.2	20.45	
9:20	~20	7.10	3,530	61.5	18.08	
9:25	~30	7.22	3,528	61.9	16.77	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 9:35

Weather: 43°, Clear Finish Time: 10:10

Sampled By: JS/VM

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 42.93 Feet.

Height of Water Column: 84.00 Feet.

Water Volume in Casing: 13.70 Gallons.

Water Volume to be Purged: 41 Gallons.

Water Volume Actually Purged: 45 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
9:45	~10	7.45	1,397	60.6	19.27	
9:50	~20	7.39	1,777	59.7	17.60	
9:55	~30	7.44	2,040	59.4	19.21	
10:05	~40	7.46	2,042	59.5	16.53	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 11/8/23 Start Time: 8:00

Weather: 43°, Clear Finish Time: 8:10

Sampled By: JS/VM

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 43.13 Feet.

Height of Water Column: 9.82 Feet.

Water Volume in Casing: 1.63 Gallons.

Water Volume to be Purged: ~5 Gallons.

Water Volume Actually Purged: 5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)	DO (mg/l)
8:03	~ 2	6.89	2.19(MS)	58.6	77	
8:06	~ 4	7.25	2.79(MS)	58.2	38	
8:09	~ 6	7.28	3.03(MS)	57.9	13.12	

Sampling and Analytical Methods: TCL VOCs, chloride, sulfate, fe(total/dissolve) mn (total/dissolved)

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 8:00

Weather: _____ Finish Time: 8:10

Sampled By: JS/VM

Depth to Bottom of Well: 52.95 Feet.

Depth to Water: 41.25 Feet.

Height of Water Column: 11.70 Feet.

Water Volume in Casing: 1.9 Gallons.

Water Volume to be Purged: 6 Gallons.

Water Volume Actually Purged: 6 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:03	~2	7.27	1537	61.9	68
8:06	~4	7.63	1469	60.6	24.67
8:09	~6	7.71	1550	59.8	10.18

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 8:50

Weather: 33°F, Cloudy Finish Time: 9:15

Sampled By: JS/VM

Depth to Bottom of Well: 56.51 Feet.

Depth to Water: 41.21 Feet.

Height of Water Column: 15.30 Feet.

Water Volume in Casing: 9.9 Gallons.

Water Volume to be Purged: 30 Gallons.

Water Volume Actually Purged: 30 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: ___

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
8:55	~10	7.72	2540	59.5	3.75
9:05	~20	7.82	3220	58.8	2.65
9:10	~30	7.92	3200	58.8	2.86

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 9:20

Weather: 33°F, Cloudy Finish Time: 9:40

Sampled By: JS/VM

Depth to Bottom of Well: 58.12 Feet.

Depth to Water: 41.31 Feet.

Height of Water Column: 16.81 Feet.

Water Volume in Casing: 10.97 Gallons.

Water Volume to be Purged: 32 Gallons.

Water Volume Actually Purged: 32 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:30 ~~9:35~~	~ 10	7.93	3290	58.1	19.69
9:35	~ 20	7.95	3210	57.4	2.13
9:40	~ 30	8.07	3218	57.2	0.98

Sampling and Analytical Methods: TCL VOCs

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

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 9:50

Weather: 33° F, Cloudy Finish Time: 10:20

Sampled By: JS/VM

Depth to Bottom of Well: 126.93 Feet.

Depth to Water: 42.41 Feet.

Height of Water Column: 84.52 Feet.

Water Volume in Casing: 13.77 Gallons.

Water Volume to be Purged: 41.30 Gallons.

Water Volume Actually Purged: 41 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
9:58	~10	8.04	1777	54.7	16.49
10:06	~20	7.95	1785	56.5	15.13
10:14	~30	7.94	1796	56.5	20.50
10:20	~40	7.99	1801	56.5	17.69

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 10:50

Weather: 33°F, Cloudy Finish Time: 10:55

Sampled By: JS/VM

Depth to Bottom of Well: 59.12 Feet.

Depth to Water: ~~42.24~~ 43.19 Feet.

Height of Water Column: 15.93 Feet.

Water Volume in Casing: 2.60 Gallons.

Water Volume to be Purged: 8 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * MS/MSD *

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
10:53	~2	8.26	1603	58.3	184
10:54	~4	8.11	1678	60.1	88
	~6	8.22	1677	59.8	26.13

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 11:35

Weather: _____ Finish Time: 1:30

Sampled By: JS/VM

Depth to Bottom of Well: 59.45 Feet.

Depth to Water: 44.35 Feet.

Height of Water Column: 15.10 Feet.

Water Volume in Casing: 2.5 Gallons.

Water Volume to be Purged: 7.5 Gallons.

Water Volume Actually Purged: 7.5 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: * DUP * A-066

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:29	~ 2.5	7.96	5390	62.1	18.06
11:29	~ 5.0	8.36	5600	62.1	8.55
11:30	~ 7.5	8.64	5750	61.5	7.05

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 11:45

Weather: _____ Finish Time: 12:15

Sampled By: JS/VM

Depth to Bottom of Well: 116.21 Feet.

Depth to Water: 44.14 Feet.

Height of Water Column: 72.07 Feet.

Water Volume in Casing: 11.75 Gallons.

Water Volume to be Purged: 35 Gallons.

Water Volume Actually Purged: 35 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
11:55	~10	7.94	1675	60.3	8.51
12:05	~20	8.02	1674	59.7	3.30
12:15	~30	7.99	1665	59.7	0.85

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 12:15

Weather: 33°F, Cloudy Finish Time: 12:30

Sampled By: JS/VM

Depth to Bottom of Well: 83.89 Feet.

Depth to Water: 44.44 Feet.

Height of Water Column: 39.45 Feet.

Water Volume in Casing: 6.43 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
12:20	~7	7.82	5040	61.0	405
12:25	~14	7.65	5220	61.3	55
12:30	~20	7.60	5110	61.2	17.76

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 12:45

Weather: _____ Finish Time: 12:50

Sampled By: JS/VM

Depth to Bottom of Well: 59.00 Feet.

Depth to Water: 43.26 Feet.

Height of Water Column: 15.74 Feet.

Water Volume in Casing: 2.56 Gallons.

Water Volume to be Purged: 8 Gallons.

Water Volume Actually Purged: 8 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
12:46 ~~12:49~~	~ 2	7.81	4300	61.7	44.28
12:48 ~~12:49~~	~ 4	7.90	4450	61.7	21.35
12:50 ~~12:49~~	~ 6	7.91	4360	61.9	18.15

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 13:05

Weather: 33°F, Cloudy Finish Time: 13:15

Sampled By: JS/VM

Depth to Bottom of Well: 58.75 Feet.

Depth to Water: 40.13 Feet.

Height of Water Column: 18.62 Feet.

Water Volume in Casing: 3.03 Gallons.

Water Volume to be Purged: 9 Gallons.

Water Volume Actually Purged: 9.10 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~3	8.01	1368	61.7	23.25
	~6	8.06	1366	61.7	19.36
	~9	8.03	1366	61.7	15.87

Sampling and Analytical Methods: TCL VOCs

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

FPM

WELL SAMPLING DATA FORM

Project: 90-30 Metropolitan Avenue Site

Location: 90-30 Metropolitan Avenue, Queens, NY

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

Date: 1/31/24 Start Time: 13:20

Weather: 33°F, Cloudy Finish Time: 13:30

Sampled By: JS/VM

Depth to Bottom of Well: 85.10 Feet.

Depth to Water: 44.11 Feet.

Height of Water Column: 40.99 Feet.

Water Volume in Casing: 6.6 Gallons.

Water Volume to be Purged: 20 Gallons.

Water Volume Actually Purged: 20 Gallons.

Purge Method: Submersible Pumps

Physical Appearance/Comments: _____

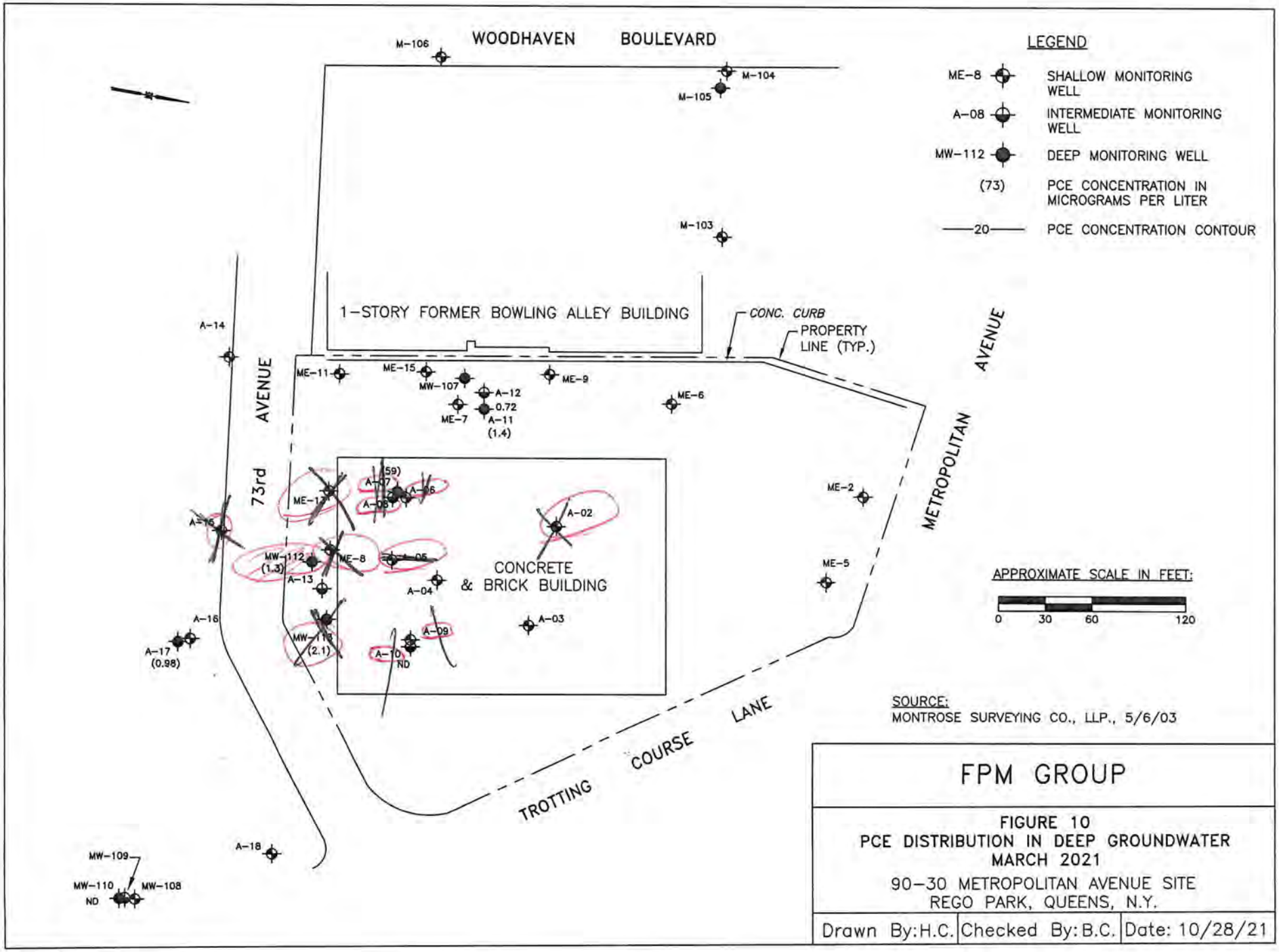
FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	~ 5	7.58	1630	61.0	27.08
	~ 10	7.64	1410	61.0	38.49
	~ 15	7.58	1678	61.2	38.49

Sampling and Analytical Methods: TCL VOCs

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

FPM



FPM GROUP

FIGURE 10
PCE DISTRIBUTION IN DEEP GROUNDWATER
MARCH 2021

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

Drawn By: H.C.	Checked By: B.C.	Date: 10/28/21

H:\Mark Holdings\90-30 Metropolitan Ave\2021\FIGURE 10.dwg, 10/29/2021 9:21:38 AM, Adobe PDF.pc3

APPENDIX F

GROUNDWATER LABORATORY REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/5/2023 9:57 AM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-279242-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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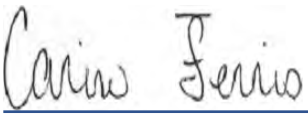

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Authorized for release by
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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-279242-1

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

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

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

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

RECEIPT

The samples were received on 4/28/2023 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples A-15 (460-279242-1), ME-8 (460-279242-2), ME-13 (460-279242-3), MW-113 (460-279242-4), A-02 (460-279242-5), A-06 (460-279242-6), A-066 (460-279242-7), A-08 (460-279242-8), A-07 (460-279242-9), A-05 (460-279242-10), A-09 (460-279242-11), A-10 (460-279242-12), FB0427 (460-279242-13) and Trip Blank (460-279242-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/02/2023 and 05/03/2023.

1,1-Dichloroethane failed the recovery criteria high for LCS 460-906605/4. Refer to the QC report for details.

Samples ME-13 (460-279242-3)[2X], A-06 (460-279242-6)[2X], A-066 (460-279242-7)[2X] and A-08 (460-279242-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-279242-1	A-15	Water	04/27/23 08:00	04/28/23 19:00
460-279242-2	ME-8	Water	04/27/23 08:30	04/28/23 19:00
460-279242-3	ME-13	Water	04/27/23 08:50	04/28/23 19:00
460-279242-4	MW-113	Water	04/27/23 09:15	04/28/23 19:00
460-279242-5	A-02	Water	04/27/23 09:30	04/28/23 19:00
460-279242-6	A-06	Water	04/27/23 10:00	04/28/23 19:00
460-279242-7	A-066	Water	04/27/23 10:01	04/28/23 19:00
460-279242-8	A-08	Water	04/27/23 10:25	04/28/23 19:00
460-279242-9	A-07	Water	04/27/23 10:55	04/28/23 19:00
460-279242-10	A-05	Water	04/27/23 11:05	04/28/23 19:00
460-279242-11	A-09	Water	04/27/23 11:20	04/28/23 19:00
460-279242-12	A-10	Water	04/27/23 11:40	04/28/23 19:00
460-279242-13	FB0427	Water	04/27/23 14:00	04/28/23 19:00
460-279242-14	Trip Blank	Water	04/27/23 14:30	04/28/23 19:00

Detection Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15 — Lab Sample ID: 460-279242-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.4		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.33	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	22		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-279242-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	410		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.38	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-279242-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	810		2.0	0.50	ug/L	2		8260D	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 460-279242-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.44	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.5		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-279242-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	19		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-279242-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		10	8.8	ug/L	2		8260D	Total/NA
Chloromethane	1.3	J	2.0	0.80	ug/L	2		8260D	Total/NA
Tetrachloroethene	420		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	0.64	J	2.0	0.63	ug/L	2		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-279242-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11		10	8.8	ug/L	2		8260D	Total/NA
Chloromethane	1.1	J	2.0	0.80	ug/L	2		8260D	Total/NA
Tetrachloroethene	410		2.0	0.50	ug/L	2		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-279242-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2	J	2.0	0.80	ug/L	2		8260D	Total/NA
Tetrachloroethene	830		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	1.2	J	2.0	0.63	ug/L	2		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-279242-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	21		1.0	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-05 — Lab Sample ID: 460-279242-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	220		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.37	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-09 — Lab Sample ID: 460-279242-11

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

Client Sample ID: A-10 — Lab Sample ID: 460-279242-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	23		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.67	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB0427 — Lab Sample ID: 460-279242-13

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 460-279242-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: A-15
Lab Sample ID: 460-279242-1

Date Collected: 04/27/23 08:00
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 00:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 00:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 00:03	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 00:03	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 00:03	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 00:03	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 00:03	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 00:03	1
Acetone	**6.4**		5.0	4.4	ug/L			05/03/23 00:03	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 00:03	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 00:03	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 00:03	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 00:03	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 00:03	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 00:03	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 00:03	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 00:03	1
Chloroform	**0.33**	**J**	1.0	0.33	ug/L			05/03/23 00:03	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 00:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 00:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:03	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 00:03	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 00:03	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 00:03	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 00:03	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 00:03	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 00:03	1
Tetrachloroethene	**22**		1.0	0.25	ug/L			05/03/23 00:03	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 00:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 00:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:03	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 00:03	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 00:03	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*05/03/23 00:03*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/03/23 00:03*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 124*		*05/03/23 00:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/03/23 00:03*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-279242-2

Date Collected: 04/27/23 08:30
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 16:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 16:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 16:54	1

Client Sample ID: ME-8
Lab Sample ID: 460-279242-2

Date Collected: 04/27/23 08:30
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/03/23 16:54	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 16:54	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 16:54	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 16:54	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 16:54	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 16:54	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 16:54	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 16:54	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 16:54	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 16:54	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 16:54	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 16:54	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 16:54	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 16:54	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 16:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 16:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 16:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 16:54	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 16:54	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 16:54	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 16:54	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 16:54	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 16:54	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 16:54	1
Tetrachloroethene	**410**		1.0	0.25	ug/L			05/03/23 16:54	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 16:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 16:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 16:54	1
Trichloroethene	**0.38**	**J**	1.0	0.31	ug/L			05/03/23 16:54	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 16:54	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*05/03/23 16:54*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*05/03/23 16:54*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/03/23 16:54*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/23 16:54*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-279242-3

Date Collected: 04/27/23 08:50
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/03/23 17:44	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/03/23 17:44	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/03/23 17:44	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			05/03/23 17:44	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/03/23 17:44	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/03/23 17:44	2

Client Sample ID: ME-13
Lab Sample ID: 460-279242-3

Date Collected: 04/27/23 08:50
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/03/23 17:44	2
2-Hexanone	10	U	10	2.3	ug/L			05/03/23 17:44	2
Acetone	10	U	10	8.8	ug/L			05/03/23 17:44	2
Benzene	2.0	U	2.0	0.41	ug/L			05/03/23 17:44	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/03/23 17:44	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/03/23 17:44	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/03/23 17:44	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/03/23 17:44	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/03/23 17:44	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/03/23 17:44	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/03/23 17:44	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/03/23 17:44	2
Chloromethane	2.0	U	2.0	0.80	ug/L			05/03/23 17:44	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/03/23 17:44	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/03/23 17:44	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/03/23 17:44	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/03/23 17:44	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/03/23 17:44	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/03/23 17:44	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/03/23 17:44	2
Styrene	2.0	U	2.0	0.83	ug/L			05/03/23 17:44	2
Tetrachloroethene	**810**		2.0	0.50	ug/L			05/03/23 17:44	2
Toluene	2.0	U	2.0	0.76	ug/L			05/03/23 17:44	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/03/23 17:44	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/03/23 17:44	2
Trichloroethene	2.0	U	2.0	0.63	ug/L			05/03/23 17:44	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/03/23 17:44	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/03/23 17:44	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*05/03/23 17:44*	*2*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/03/23 17:44*	*2*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*05/03/23 17:44*	*2*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/23 17:44*	*2*

Client Sample ID: MW-113
Lab Sample ID: 460-279242-4

Date Collected: 04/27/23 09:15
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 00:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 00:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 00:28	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 00:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 00:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 00:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 00:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 00:28	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 00:28	1

Client Sample ID: MW-113
Lab Sample ID: 460-279242-4

Date Collected: 04/27/23 09:15
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 00:28	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 00:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 00:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 00:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 00:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 00:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 00:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 00:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 00:28	1
Chloromethane	**0.44**	**J**	1.0	0.40	ug/L			05/03/23 00:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 00:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:28	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 00:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 00:28	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 00:28	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 00:28	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 00:28	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 00:28	1
Tetrachloroethene	**2.5**		1.0	0.25	ug/L			05/03/23 00:28	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 00:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 00:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:28	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 00:28	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 00:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*05/03/23 00:28*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/03/23 00:28*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/03/23 00:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/03/23 00:28*	*1*

Client Sample ID: A-02
Lab Sample ID: 460-279242-5

Date Collected: 04/27/23 09:30
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 00:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 00:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 00:53	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 00:53	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 00:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 00:53	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 00:53	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 00:53	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 00:53	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 00:53	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 00:53	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 00:53	1

Client Sample ID: A-02
Date Collected: 04/27/23 09:30
Date Received: 04/28/23 19:00

Lab Sample ID: 460-279242-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 00:53	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 00:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 00:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 00:53	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 00:53	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 00:53	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 00:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 00:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:53	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 00:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 00:53	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 00:53	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 00:53	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 00:53	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 00:53	1
Tetrachloroethene	**19**		1.0	0.25	ug/L			05/03/23 00:53	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 00:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 00:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 00:53	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 00:53	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 00:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*05/03/23 00:53*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*05/03/23 00:53*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/03/23 00:53*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/23 00:53*	*1*

Client Sample ID: A-06
Date Collected: 04/27/23 10:00
Date Received: 04/28/23 19:00

Lab Sample ID: 460-279242-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/03/23 05:29	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/03/23 05:29	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/03/23 05:29	2
1,1-Dichloroethane	2.0	U *	2.0	0.53	ug/L			05/03/23 05:29	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/03/23 05:29	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/03/23 05:29	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/03/23 05:29	2
2-Hexanone	10	U	10	2.3	ug/L			05/03/23 05:29	2
Acetone	**12**		10	8.8	ug/L			05/03/23 05:29	2
Benzene	2.0	U	2.0	0.41	ug/L			05/03/23 05:29	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/03/23 05:29	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/03/23 05:29	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/03/23 05:29	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/03/23 05:29	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/03/23 05:29	2

Client Sample ID: A-06
Lab Sample ID: 460-279242-6

Date Collected: 04/27/23 10:00
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/03/23 05:29	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/03/23 05:29	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/03/23 05:29	2
Chloromethane	**1.3**	**J**	2.0	0.80	ug/L			05/03/23 05:29	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/03/23 05:29	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/03/23 05:29	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/03/23 05:29	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/03/23 05:29	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/03/23 05:29	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/03/23 05:29	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/03/23 05:29	2
Styrene	2.0	U	2.0	0.83	ug/L			05/03/23 05:29	2
Tetrachloroethene	**420**		2.0	0.50	ug/L			05/03/23 05:29	2
Toluene	2.0	U	2.0	0.76	ug/L			05/03/23 05:29	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/03/23 05:29	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/03/23 05:29	2
Trichloroethene	**0.64**	**J**	2.0	0.63	ug/L			05/03/23 05:29	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/03/23 05:29	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/03/23 05:29	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 128*		*05/03/23 05:29*	*2*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/03/23 05:29*	*2*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/03/23 05:29*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/03/23 05:29*	*2*

Client Sample ID: A-066
Lab Sample ID: 460-279242-7

Date Collected: 04/27/23 10:01
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/03/23 05:54	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/03/23 05:54	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/03/23 05:54	2
1,1-Dichloroethane	2.0	U *	2.0	0.53	ug/L			05/03/23 05:54	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/03/23 05:54	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/03/23 05:54	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/03/23 05:54	2
2-Hexanone	10	U	10	2.3	ug/L			05/03/23 05:54	2
Acetone	**11**		10	8.8	ug/L			05/03/23 05:54	2
Benzene	2.0	U	2.0	0.41	ug/L			05/03/23 05:54	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/03/23 05:54	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/03/23 05:54	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/03/23 05:54	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/03/23 05:54	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/03/23 05:54	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/03/23 05:54	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/03/23 05:54	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/03/23 05:54	2

Client Sample ID: A-066
Date Collected: 04/27/23 10:01
Date Received: 04/28/23 19:00

Lab Sample ID: 460-279242-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.1**	**J**	2.0	0.80	ug/L			05/03/23 05:54	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/03/23 05:54	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/03/23 05:54	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/03/23 05:54	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/03/23 05:54	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/03/23 05:54	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/03/23 05:54	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/03/23 05:54	2
Styrene	2.0	U	2.0	0.83	ug/L			05/03/23 05:54	2
Tetrachloroethene	**410**		2.0	0.50	ug/L			05/03/23 05:54	2
Toluene	2.0	U	2.0	0.76	ug/L			05/03/23 05:54	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/03/23 05:54	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/03/23 05:54	2
Trichloroethene	2.0	U	2.0	0.63	ug/L			05/03/23 05:54	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/03/23 05:54	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/03/23 05:54	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*		*05/03/23 05:54*	*2*
4-Bromofluorobenzene	*93*		*76 - 120*		*05/03/23 05:54*	*2*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/03/23 05:54*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/03/23 05:54*	*2*

Client Sample ID: A-08
Date Collected: 04/27/23 10:25
Date Received: 04/28/23 19:00

Lab Sample ID: 460-279242-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			05/03/23 17:19	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			05/03/23 17:19	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			05/03/23 17:19	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			05/03/23 17:19	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			05/03/23 17:19	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			05/03/23 17:19	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			05/03/23 17:19	2
2-Hexanone	10	U	10	2.3	ug/L			05/03/23 17:19	2
Acetone	10	U	10	8.8	ug/L			05/03/23 17:19	2
Benzene	2.0	U	2.0	0.41	ug/L			05/03/23 17:19	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			05/03/23 17:19	2
Bromoform	2.0	U	2.0	1.1	ug/L			05/03/23 17:19	2
Bromomethane	2.0	U	2.0	1.1	ug/L			05/03/23 17:19	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			05/03/23 17:19	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			05/03/23 17:19	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			05/03/23 17:19	2
Chloroethane	2.0	U	2.0	0.64	ug/L			05/03/23 17:19	2
Chloroform	2.0	U	2.0	0.65	ug/L			05/03/23 17:19	2
Chloromethane	**1.2**	**J**	2.0	0.80	ug/L			05/03/23 17:19	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			05/03/23 17:19	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			05/03/23 17:19	2

Client Sample ID: A-08
Lab Sample ID: 460-279242-8

Date Collected: 04/27/23 10:25
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			05/03/23 17:19	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			05/03/23 17:19	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			05/03/23 17:19	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			05/03/23 17:19	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			05/03/23 17:19	2
Styrene	2.0	U	2.0	0.83	ug/L			05/03/23 17:19	2
Tetrachloroethene	**830**		2.0	0.50	ug/L			05/03/23 17:19	2
Toluene	2.0	U	2.0	0.76	ug/L			05/03/23 17:19	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			05/03/23 17:19	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			05/03/23 17:19	2
Trichloroethene	**1.2**	**J**	2.0	0.63	ug/L			05/03/23 17:19	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			05/03/23 17:19	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			05/03/23 17:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*05/03/23 17:19*	*2*
4-Bromofluorobenzene	*97*		*76 - 120*		*05/03/23 17:19*	*2*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/03/23 17:19*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/03/23 17:19*	*2*

Client Sample ID: A-07
Lab Sample ID: 460-279242-9

Date Collected: 04/27/23 10:55
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 01:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 01:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 01:18	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 01:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 01:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 01:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 01:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 01:18	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 01:18	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 01:18	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 01:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 01:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 01:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 01:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 01:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 01:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 01:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 01:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 01:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 01:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 01:18	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 01:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 01:18	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 01:18	1

Client Sample ID: A-07
Lab Sample ID: 460-279242-9

Date Collected: 04/27/23 10:55
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 01:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 01:18	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 01:18	1
Tetrachloroethene	**21**		1.0	0.25	ug/L			05/03/23 01:18	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 01:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 01:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 01:18	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 01:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 01:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*		*05/03/23 01:18*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/03/23 01:18*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 124*		*05/03/23 01:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/03/23 01:18*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-279242-10

Date Collected: 04/27/23 11:05
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 01:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 01:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 01:43	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 01:43	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 01:43	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 01:43	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 01:43	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 01:43	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 01:43	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 01:43	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 01:43	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 01:43	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 01:43	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 01:43	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 01:43	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 01:43	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 01:43	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 01:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 01:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 01:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 01:43	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 01:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 01:43	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 01:43	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 01:43	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 01:43	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 01:43	1

Client Sample ID: A-05
Lab Sample ID: 460-279242-10

Date Collected: 04/27/23 11:05
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**220**		1.0	0.25	ug/L			05/03/23 01:43	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 01:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 01:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 01:43	1
Trichloroethene	**0.37**	**J**	1.0	0.31	ug/L			05/03/23 01:43	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 01:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*05/03/23 01:43*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*05/03/23 01:43*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/03/23 01:43*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/03/23 01:43*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-279242-11

Date Collected: 04/27/23 11:20
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 02:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 02:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 02:08	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 02:08	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 02:08	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 02:08	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 02:08	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 02:08	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 02:08	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 02:08	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 02:08	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 02:08	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 02:08	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 02:08	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 02:08	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 02:08	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 02:08	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 02:08	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 02:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 02:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 02:08	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 02:08	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 02:08	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 02:08	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 02:08	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 02:08	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 02:08	1
Tetrachloroethene	**18**		1.0	0.25	ug/L			05/03/23 02:08	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 02:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 02:08	1

Client Sample ID: A-09
Lab Sample ID: 460-279242-11

Date Collected: 04/27/23 11:20
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 02:08	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 02:08	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 02:08	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*05/03/23 02:08*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*05/03/23 02:08*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/03/23 02:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/03/23 02:08*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-279242-12

Date Collected: 04/27/23 11:40
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 02:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 02:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 02:33	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/03/23 02:33	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 02:33	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 02:33	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 02:33	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 02:33	1
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 02:33	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 02:33	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 02:33	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 02:33	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 02:33	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 02:33	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 02:33	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 02:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 02:33	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 02:33	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 02:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 02:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 02:33	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 02:33	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 02:33	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 02:33	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 02:33	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 02:33	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 02:33	1
Tetrachloroethene	**23**		1.0	0.25	ug/L			05/03/23 02:33	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 02:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 02:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 02:33	1
Trichloroethene	**0.67**	**J**	1.0	0.31	ug/L			05/03/23 02:33	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 02:33	1

Client Sample ID: A-10
Lab Sample ID: 460-279242-12

Date Collected: 04/27/23 11:40
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*05/03/23 02:33*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*05/03/23 02:33*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/03/23 02:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/03/23 02:33*	*1*

Client Sample ID: FB0427
Lab Sample ID: 460-279242-13

Date Collected: 04/27/23 14:00
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/02/23 23:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/02/23 23:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/02/23 23:12	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/02/23 23:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/02/23 23:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/02/23 23:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/02/23 23:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/02/23 23:12	1
Acetone	5.0	U	5.0	4.4	ug/L			05/02/23 23:12	1
Benzene	1.0	U	1.0	0.20	ug/L			05/02/23 23:12	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/02/23 23:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/02/23 23:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/02/23 23:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/02/23 23:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/02/23 23:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/02/23 23:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/02/23 23:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/02/23 23:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/02/23 23:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/02/23 23:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 23:12	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/02/23 23:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/02/23 23:12	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/02/23 23:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/02/23 23:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/02/23 23:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/02/23 23:12	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/02/23 23:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/02/23 23:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/02/23 23:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 23:12	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/02/23 23:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/02/23 23:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/02/23 23:12	1

Client Sample ID: FB0427
Lab Sample ID: 460-279242-13

Date Collected: 04/27/23 14:00
Matrix: Water
Date Received: 04/28/23 19:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*		*05/02/23 23:12*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/02/23 23:12*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*05/02/23 23:12*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/02/23 23:12*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-279242-14

Date Collected: 04/27/23 14:30
Matrix: Water
Date Received: 04/28/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/02/23 22:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/02/23 22:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/02/23 22:47	1
1,1-Dichloroethane	1.0	U *	1.0	0.26	ug/L			05/02/23 22:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/02/23 22:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/02/23 22:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/02/23 22:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/02/23 22:47	1
Acetone	5.0	U	5.0	4.4	ug/L			05/02/23 22:47	1
Benzene	1.0	U	1.0	0.20	ug/L			05/02/23 22:47	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/02/23 22:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/02/23 22:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/02/23 22:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/02/23 22:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/02/23 22:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/02/23 22:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/02/23 22:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/02/23 22:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/02/23 22:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/02/23 22:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 22:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/02/23 22:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/02/23 22:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/02/23 22:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/02/23 22:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/02/23 22:47	1
Styrene	1.0	U	1.0	0.42	ug/L			05/02/23 22:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/02/23 22:47	1
Toluene	1.0	U	1.0	0.38	ug/L			05/02/23 22:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/02/23 22:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 22:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/02/23 22:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/02/23 22:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/02/23 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 128*		*05/02/23 22:47*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*05/02/23 22:47*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/02/23 22:47*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/02/23 22:47*	*1*

Surrogate Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-124)	(80-120)
460-279227-B-1 MS	Matrix Spike	109	100	109	99
460-279227-B-1 MSD	Matrix Spike Duplicate	114	98	109	97
460-279242-1	A-15	117	95	106	100
460-279242-2	ME-8	117	98	109	97
460-279242-3	ME-13	113	97	107	97
460-279242-4	MW-113	115	95	110	101
460-279242-5	A-02	116	90	109	97
460-279242-5 MS	A-02	114	99	109	100
460-279242-5 MSD	A-02	118	98	109	100
460-279242-6	A-06	120	95	109	99
460-279242-7	A-066	119	93	110	99
460-279242-8	A-08	115	97	109	99
460-279242-9	A-07	119	94	112	99
460-279242-10	A-05	117	93	109	97
460-279242-11	A-09	116	91	110	98
460-279242-12	A-10	115	95	110	100
460-279242-13	FB0427	115	94	109	101
460-279242-14	Trip Blank	118	92	110	101
LCS 460-906605/4	Lab Control Sample	115	98	109	100
LCS 460-906691/3	Lab Control Sample	115	99	110	98
LCSD 460-906691/4	Lab Control Sample Dup	119	99	110	98
MB 460-906605/8	Method Blank	116	94	108	99
MB 460-906691/9	Method Blank	114	96	110	99

Surrogate Legend

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

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

Lab Sample ID: MB 460-906605/8
Matrix: Water
Analysis Batch: 906605

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/02/23 22:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/02/23 22:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/02/23 22:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/02/23 22:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/02/23 22:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/02/23 22:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/02/23 22:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/02/23 22:22	1
Acetone	5.0	U	5.0	4.4	ug/L			05/02/23 22:22	1
Benzene	1.0	U	1.0	0.20	ug/L			05/02/23 22:22	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/02/23 22:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/02/23 22:22	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/02/23 22:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/02/23 22:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/02/23 22:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/02/23 22:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/02/23 22:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/02/23 22:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/02/23 22:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/02/23 22:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 22:22	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/02/23 22:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/02/23 22:22	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/02/23 22:22	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/02/23 22:22	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/02/23 22:22	1
Styrene	1.0	U	1.0	0.42	ug/L			05/02/23 22:22	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/02/23 22:22	1
Toluene	1.0	U	1.0	0.38	ug/L			05/02/23 22:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/02/23 22:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/02/23 22:22	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/02/23 22:22	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/02/23 22:22	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/02/23 22:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*05/02/23 22:22*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*05/02/23 22:22*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 124*		*05/02/23 22:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/02/23 22:22*	*1*

Lab Sample ID: LCS 460-906605/4
Matrix: Water
Analysis Batch: 906605

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	22.6		ug/L		113	68 - 128		
1,1,2,2-Tetrachloroethane			20.0	22.4		ug/L		112	63 - 139		

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

Lab Sample ID: LCS 460-906605/4
Matrix: Water
Analysis Batch: 906605

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.9		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	26.2	*	ug/L		131	73 - 130
1,1-Dichloroethene	20.0	23.8		ug/L		119	68 - 133
1,2-Dichloroethane	20.0	23.7		ug/L		118	66 - 129
1,2-Dichloropropane	20.0	22.3		ug/L		111	68 - 128
2-Hexanone	100	88.4		ug/L		88	61 - 134
Acetone	100	93.5		ug/L		93	61 - 134
Benzene	20.0	20.9		ug/L		105	71 - 126
Bromodichloromethane	20.0	22.2		ug/L		111	76 - 121
Bromoform	20.0	20.7		ug/L		104	48 - 144
Bromomethane	20.0	26.3		ug/L		131	32 - 150
Carbon disulfide	20.0	25.6		ug/L		128	64 - 138
Carbon tetrachloride	20.0	21.8		ug/L		109	61 - 131
Chlorobenzene	20.0	21.5		ug/L		107	80 - 120
Chloroethane	20.0	26.0		ug/L		130	42 - 150
Chloroform	20.0	24.6		ug/L		123	78 - 125
Chloromethane	20.0	23.7		ug/L		118	43 - 150
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	78 - 121
cis-1,3-Dichloropropene	20.0	21.1		ug/L		106	74 - 125
Dibromochloromethane	20.0	21.1		ug/L		105	62 - 130
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120
Methyl Ethyl Ketone	100	102		ug/L		102	61 - 128
methyl isobutyl ketone	100	95.3		ug/L		95	69 - 128
Methylene Chloride	20.0	23.8		ug/L		119	74 - 127
Styrene	20.0	20.5		ug/L		103	75 - 127
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 127
Toluene	20.0	20.7		ug/L		103	78 - 120
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	74 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	66 - 127
Trichloroethene	20.0	20.6		ug/L		103	71 - 121
Vinyl chloride	20.0	24.7		ug/L		123	55 - 144
Xylenes, Total	40.0	40.5		ug/L		101	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-279242-5 MS
Matrix: Water
Analysis Batch: 906605

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	68 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.1		ug/L		105	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	20.1		ug/L		101	74 - 125
1,1-Dichloroethane	1.0	U *	20.0	23.0		ug/L		115	73 - 130

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

Lab Sample ID: 460-279242-5 MS
Matrix: Water
Analysis Batch: 906605

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	20.0	20.9		ug/L		105	68 - 133
1,2-Dichloroethane	1.0	U	20.0	21.5		ug/L		108	66 - 129
1,2-Dichloropropane	1.0	U	20.0	19.4		ug/L		97	68 - 128
2-Hexanone	5.0	U	100	79.8		ug/L		80	61 - 134
Acetone	5.0	U	100	86.0		ug/L		86	61 - 134
Benzene	1.0	U	20.0	19.1		ug/L		95	71 - 126
Bromodichloromethane	1.0	U	20.0	20.0		ug/L		100	76 - 121
Bromoform	1.0	U	20.0	19.1		ug/L		96	48 - 144
Bromomethane	1.0	U	20.0	23.2		ug/L		116	32 - 150
Carbon disulfide	1.0	U	20.0	22.4		ug/L		112	64 - 138
Carbon tetrachloride	1.0	U	20.0	20.0		ug/L		100	61 - 131
Chlorobenzene	1.0	U	20.0	19.9		ug/L		99	80 - 120
Chloroethane	1.0	U	20.0	22.3		ug/L		111	42 - 150
Chloroform	1.0	U	20.0	21.6		ug/L		108	78 - 125
Chloromethane	1.0	U	20.0	21.4		ug/L		107	43 - 150
cis-1,2-Dichloroethene	1.0	U	20.0	19.8		ug/L		99	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	18.9		ug/L		94	74 - 125
Dibromochloromethane	1.0	U	20.0	20.0		ug/L		100	62 - 130
Ethylbenzene	1.0	U	20.0	18.1		ug/L		91	78 - 120
Methyl Ethyl Ketone	5.0	U	100	92.3		ug/L		92	61 - 128
methyl isobutyl ketone	5.0	U	100	86.2		ug/L		86	69 - 128
Methylene Chloride	1.0	U	20.0	21.4		ug/L		107	74 - 127
Styrene	1.0	U	20.0	18.8		ug/L		94	75 - 127
Tetrachloroethene	19		20.0	36.4		ug/L		87	70 - 127
Toluene	1.0	U	20.0	18.7		ug/L		93	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	20.8		ug/L		104	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	18.8		ug/L		94	66 - 127
Trichloroethene	1.0	U	20.0	18.4		ug/L		92	71 - 121
Vinyl chloride	1.0	U	20.0	21.2		ug/L		106	55 - 144
Xylenes, Total	2.0	U	40.0	36.1		ug/L		90	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-279242-5 MSD
Matrix: Water
Analysis Batch: 906605

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	22.4		ug/L		112	68 - 128	9	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.4		ug/L		107	63 - 139	2	30
1,1,2-Trichloroethane	1.0	U	20.0	21.0		ug/L		105	74 - 125	4	30
1,1-Dichloroethane	1.0	U *	20.0	23.7		ug/L		119	73 - 130	3	30
1,1-Dichloroethene	1.0	U	20.0	22.1		ug/L		110	68 - 133	5	30
1,2-Dichloroethane	1.0	U	20.0	23.1		ug/L		115	66 - 129	7	30

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

Lab Sample ID: 460-279242-5 MSD
Matrix: Water
Analysis Batch: 906605

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	1.0	U	20.0	20.2		ug/L		101	68 - 128	4	30
2-Hexanone	5.0	U	100	82.3		ug/L		82	61 - 134	3	30
Acetone	5.0	U	100	82.7		ug/L		83	61 - 134	4	30
Benzene	1.0	U	20.0	20.8		ug/L		104	71 - 126	9	30
Bromodichloromethane	1.0	U	20.0	20.3		ug/L		101	76 - 121	1	30
Bromoform	1.0	U	20.0	19.5		ug/L		97	48 - 144	2	30
Bromomethane	1.0	U	20.0	24.6		ug/L		123	32 - 150	6	30
Carbon disulfide	1.0	U	20.0	23.7		ug/L		119	64 - 138	6	30
Carbon tetrachloride	1.0	U	20.0	20.9		ug/L		105	61 - 131	5	30
Chlorobenzene	1.0	U	20.0	20.3		ug/L		102	80 - 120	2	30
Chloroethane	1.0	U	20.0	22.9		ug/L		114	42 - 150	3	30
Chloroform	1.0	U	20.0	23.0		ug/L		115	78 - 125	7	30
Chloromethane	1.0	U	20.0	21.8		ug/L		109	43 - 150	1	30
cis-1,2-Dichloroethene	1.0	U	20.0	21.1		ug/L		106	78 - 121	6	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.4		ug/L		97	74 - 125	3	30
Dibromochloromethane	1.0	U	20.0	19.8		ug/L		99	62 - 130	1	30
Ethylbenzene	1.0	U	20.0	19.6		ug/L		98	78 - 120	8	30
Methyl Ethyl Ketone	5.0	U	100	88.8		ug/L		89	61 - 128	4	30
methyl isobutyl ketone	5.0	U	100	91.1		ug/L		91	69 - 128	6	30
Methylene Chloride	1.0	U	20.0	22.0		ug/L		110	74 - 127	3	30
Styrene	1.0	U	20.0	19.9		ug/L		99	75 - 127	5	30
Tetrachloroethene	19		20.0	38.1		ug/L		96	70 - 127	5	30
Toluene	1.0	U	20.0	19.7		ug/L		99	78 - 120	5	30
trans-1,2-Dichloroethene	1.0	U	20.0	21.7		ug/L		108	74 - 126	4	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.3		ug/L		97	66 - 127	3	30
Trichloroethene	1.0	U	20.0	19.9		ug/L		99	71 - 121	8	30
Vinyl chloride	1.0	U	20.0	22.5		ug/L		112	55 - 144	6	30
Xylenes, Total	2.0	U	40.0	37.0		ug/L		93	78 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 460-906691/9
Matrix: Water
Analysis Batch: 906691

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			05/03/23 10:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			05/03/23 10:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			05/03/23 10:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			05/03/23 10:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			05/03/23 10:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/03/23 10:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/03/23 10:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			05/03/23 10:12	1

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

Lab Sample ID: MB 460-906691/9
Matrix: Water
Analysis Batch: 906691

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	5.0	4.4	ug/L			05/03/23 10:12	1
Benzene	1.0	U	1.0	0.20	ug/L			05/03/23 10:12	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			05/03/23 10:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			05/03/23 10:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			05/03/23 10:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			05/03/23 10:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			05/03/23 10:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			05/03/23 10:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			05/03/23 10:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			05/03/23 10:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/03/23 10:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			05/03/23 10:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 10:12	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			05/03/23 10:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			05/03/23 10:12	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			05/03/23 10:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			05/03/23 10:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			05/03/23 10:12	1
Styrene	1.0	U	1.0	0.42	ug/L			05/03/23 10:12	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			05/03/23 10:12	1
Toluene	1.0	U	1.0	0.38	ug/L			05/03/23 10:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			05/03/23 10:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/03/23 10:12	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			05/03/23 10:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			05/03/23 10:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			05/03/23 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*05/03/23 10:12*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*05/03/23 10:12*	*1*
Dibromofluoromethane (Surr)	*110*		*77 - 124*		*05/03/23 10:12*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/03/23 10:12*	*1*

Lab Sample ID: LCS 460-906691/3
Matrix: Water
Analysis Batch: 906691

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.1		ug/L		100	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/L		99	63 - 139
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	74 - 125
1,1-Dichloroethane	20.0	23.0		ug/L		115	73 - 130
1,1-Dichloroethene	20.0	21.3		ug/L		106	68 - 133
1,2-Dichloroethane	20.0	21.1		ug/L		106	66 - 129
1,2-Dichloropropane	20.0	19.2		ug/L		96	68 - 128
2-Hexanone	100	74.6		ug/L		75	61 - 134
Acetone	100	87.0		ug/L		87	61 - 134
Benzene	20.0	18.6		ug/L		93	71 - 126

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

Lab Sample ID: LCS 460-906691/3
Matrix: Water
Analysis Batch: 906691

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	20.0	19.7		ug/L		98	76 - 121
Bromoform	20.0	18.5		ug/L		93	48 - 144
Bromomethane	20.0	21.7		ug/L		108	32 - 150
Carbon disulfide	20.0	21.9		ug/L		109	64 - 138
Carbon tetrachloride	20.0	19.6		ug/L		98	61 - 131
Chlorobenzene	20.0	18.7		ug/L		93	80 - 120
Chloroethane	20.0	20.9		ug/L		104	42 - 150
Chloroform	20.0	21.8		ug/L		109	78 - 125
Chloromethane	20.0	17.7		ug/L		88	43 - 150
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	18.3		ug/L		91	74 - 125
Dibromochloromethane	20.0	18.7		ug/L		94	62 - 130
Ethylbenzene	20.0	17.6		ug/L		88	78 - 120
Methyl Ethyl Ketone	100	89.8		ug/L		90	61 - 128
methyl isobutyl ketone	100	80.8		ug/L		81	69 - 128
Methylene Chloride	20.0	21.7		ug/L		109	74 - 127
Styrene	20.0	17.8		ug/L		89	75 - 127
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 127
Toluene	20.0	18.0		ug/L		90	78 - 120
trans-1,2-Dichloroethene	20.0	21.1		ug/L		106	74 - 126
trans-1,3-Dichloropropene	20.0	17.7		ug/L		88	66 - 127
Trichloroethene	20.0	18.1		ug/L		91	71 - 121
Vinyl chloride	20.0	19.5		ug/L		97	55 - 144
Xylenes, Total	40.0	34.7		ug/L		87	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*110*		*77 - 124*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-906691/4
Matrix: Water
Analysis Batch: 906691

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	22.6		ug/L		113	68 - 128	12	30
1,1,2,2-Tetrachloroethane	20.0	22.6		ug/L		113	63 - 139	13	30
1,1,2-Trichloroethane	20.0	21.3		ug/L		107	74 - 125	11	30
1,1-Dichloroethane	20.0	24.4		ug/L		122	73 - 130	6	30
1,1-Dichloroethene	20.0	22.6		ug/L		113	68 - 133	6	30
1,2-Dichloroethane	20.0	24.0		ug/L		120	66 - 129	13	30
1,2-Dichloropropane	20.0	21.0		ug/L		105	68 - 128	9	30
2-Hexanone	100	85.9		ug/L		86	61 - 134	14	30
Acetone	100	105		ug/L		105	61 - 134	18	30
Benzene	20.0	21.0		ug/L		105	71 - 126	12	30
Bromodichloromethane	20.0	21.5		ug/L		108	76 - 121	9	30
Bromoform	20.0	19.9		ug/L		99	48 - 144	7	30

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

Lab Sample ID: LCSD 460-906691/4
Matrix: Water
Analysis Batch: 906691

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromomethane			20.0	22.6		ug/L		113	32 - 150	4	30
Carbon disulfide			20.0	23.7		ug/L		118	64 - 138	8	30
Carbon tetrachloride			20.0	21.8		ug/L		109	61 - 131	11	30
Chlorobenzene			20.0	21.2		ug/L		106	80 - 120	13	30
Chloroethane			20.0	21.7		ug/L		108	42 - 150	4	30
Chloroform			20.0	23.7		ug/L		118	78 - 125	8	30
Chloromethane			20.0	19.8		ug/L		99	43 - 150	12	30
cis-1,2-Dichloroethene			20.0	22.1		ug/L		111	78 - 121	10	30
cis-1,3-Dichloropropene			20.0	20.0		ug/L		100	74 - 125	9	30
Dibromochloromethane			20.0	20.9		ug/L		104	62 - 130	11	30
Ethylbenzene			20.0	19.8		ug/L		99	78 - 120	12	30
Methyl Ethyl Ketone			100	91.4		ug/L		91	61 - 128	2	30
methyl isobutyl ketone			100	93.7		ug/L		94	69 - 128	15	30
Methylene Chloride			20.0	22.7		ug/L		113	74 - 127	4	30
Styrene			20.0	19.8		ug/L		99	75 - 127	11	30
Tetrachloroethene			20.0	21.3		ug/L		106	70 - 127	7	30
Toluene			20.0	19.9		ug/L		100	78 - 120	10	30
trans-1,2-Dichloroethene			20.0	23.4		ug/L		117	74 - 126	10	30
trans-1,3-Dichloropropene			20.0	19.8		ug/L		99	66 - 127	12	30
Trichloroethene			20.0	19.8		ug/L		99	71 - 121	9	30
Vinyl chloride			20.0	20.3		ug/L		102	55 - 144	4	30
Xylenes, Total			40.0	39.0		ug/L		98	78 - 120	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*110*		*77 - 124*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-279227-B-1 MS
Matrix: Water
Analysis Batch: 906691

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	21.7		ug/L		108	68 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0		ug/L		100	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	20.5		ug/L		102	74 - 125
1,1-Dichloroethane	1.0	U	20.0	23.7		ug/L		119	73 - 130
1,1-Dichloroethene	1.0	U	20.0	21.8		ug/L		109	68 - 133
1,2-Dichloroethane	1.0	U	20.0	21.2		ug/L		106	66 - 129
1,2-Dichloropropane	1.0	U	20.0	20.2		ug/L		101	68 - 128
2-Hexanone	5.0	U	100	80.8		ug/L		81	61 - 134
Acetone	5.0	U	100	90.7		ug/L		91	61 - 134
Benzene	1.7		20.0	20.5		ug/L		94	71 - 126
Bromodichloromethane	1.0	U	20.0	20.4		ug/L		102	76 - 121
Bromoform	1.0	U	20.0	18.9		ug/L		95	48 - 144
Bromomethane	1.0	U	20.0	20.9		ug/L		105	32 - 150
Carbon disulfide	1.0	U	20.0	22.7		ug/L		114	64 - 138

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

Lab Sample ID: 460-279227-B-1 MS
Matrix: Water
Analysis Batch: 906691

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	1.0	U	20.0	21.0		ug/L		105	61 - 131
Chlorobenzene	1.0	U	20.0	20.6		ug/L		103	80 - 120
Chloroethane	1.0	U	20.0	25.4		ug/L		127	42 - 150
Chloroform	1.0	U	20.0	22.4		ug/L		112	78 - 125
Chloromethane	1.0	U	20.0	24.0		ug/L		120	43 - 150
cis-1,2-Dichloroethene	1.0	U	20.0	20.5		ug/L		102	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	18.6		ug/L		93	74 - 125
Dibromochloromethane	1.0	U	20.0	19.9		ug/L		99	62 - 130
Ethylbenzene	8.9		20.0	26.3		ug/L		87	78 - 120
Methyl Ethyl Ketone	5.0	U	100	84.4		ug/L		84	61 - 128
methyl isobutyl ketone	5.0	U	100	88.2		ug/L		88	69 - 128
Methylene Chloride	1.0	U	20.0	22.1		ug/L		111	74 - 127
Styrene	1.0	U	20.0	19.6		ug/L		98	75 - 127
Tetrachloroethene	1.0	U	20.0	24.4		ug/L		122	70 - 127
Toluene	5.6		20.0	23.1		ug/L		87	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	22.0		ug/L		110	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	18.4		ug/L		92	66 - 127
Trichloroethene	1.0	U	20.0	19.2		ug/L		96	71 - 121
Vinyl chloride	1.0	U	20.0	24.7		ug/L		124	55 - 144
Xylenes, Total	26		40.0	57.9		ug/L		80	78 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*
4-Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-279227-B-1 MSD
Matrix: Water
Analysis Batch: 906691

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	22.6		ug/L		113	68 - 128	4	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.0		ug/L		105	63 - 139	5	30
1,1,2-Trichloroethane	1.0	U	20.0	20.0		ug/L		100	74 - 125	3	30
1,1-Dichloroethane	1.0	U	20.0	24.3		ug/L		122	73 - 130	2	30
1,1-Dichloroethene	1.0	U	20.0	23.2		ug/L		116	68 - 133	6	30
1,2-Dichloroethane	1.0	U	20.0	22.4		ug/L		112	66 - 129	5	30
1,2-Dichloropropane	1.0	U	20.0	20.7		ug/L		104	68 - 128	3	30
2-Hexanone	5.0	U	100	87.4		ug/L		87	61 - 134	8	30
Acetone	5.0	U	100	91.6		ug/L		92	61 - 134	1	30
Benzene	1.7		20.0	20.7		ug/L		95	71 - 126	1	30
Bromodichloromethane	1.0	U	20.0	20.5		ug/L		103	76 - 121	1	30
Bromoform	1.0	U	20.0	18.8		ug/L		94	48 - 144	1	30
Bromomethane	1.0	U	20.0	23.9		ug/L		120	32 - 150	13	30
Carbon disulfide	1.0	U	20.0	23.8		ug/L		119	64 - 138	5	30
Carbon tetrachloride	1.0	U	20.0	21.2		ug/L		106	61 - 131	1	30
Chlorobenzene	1.0	U	20.0	20.8		ug/L		104	80 - 120	1	30

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

Lab Sample ID: 460-279227-B-1 MSD
Matrix: Water
Analysis Batch: 906691

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	1.0	U	20.0	24.9		ug/L		125	42 - 150	2	30
Chloroform	1.0	U	20.0	23.0		ug/L		115	78 - 125	3	30
Chloromethane	1.0	U	20.0	24.9		ug/L		124	43 - 150	3	30
cis-1,2-Dichloroethene	1.0	U	20.0	21.4		ug/L		107	78 - 121	4	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.0		ug/L		95	74 - 125	2	30
Dibromochloromethane	1.0	U	20.0	19.8		ug/L		99	62 - 130	1	30
Ethylbenzene	8.9		20.0	26.6		ug/L		88	78 - 120	1	30
Methyl Ethyl Ketone	5.0	U	100	95.5		ug/L		95	61 - 128	12	30
methyl isobutyl ketone	5.0	U	100	92.1		ug/L		92	69 - 128	4	30
Methylene Chloride	1.0	U	20.0	22.9		ug/L		114	74 - 127	3	30
Styrene	1.0	U	20.0	20.0		ug/L		100	75 - 127	2	30
Tetrachloroethene	1.0	U	20.0	21.4		ug/L		107	70 - 127	13	30
Toluene	5.6		20.0	23.0		ug/L		87	78 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	20.0	22.2		ug/L		111	74 - 126	1	30
trans-1,3-Dichloropropene	1.0	U	20.0	18.7		ug/L		93	66 - 127	1	30
Trichloroethene	1.0	U	20.0	19.5		ug/L		97	71 - 121	1	30
Vinyl chloride	1.0	U	20.0	26.0		ug/L		130	55 - 144	5	30
Xylenes, Total	26		40.0	57.1		ug/L		78	78 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*97*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

GC/MS VOA

Analysis Batch: 906605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-279242-1	A-15	Total/NA	Water	8260D	
460-279242-4	MW-113	Total/NA	Water	8260D	
460-279242-5	A-02	Total/NA	Water	8260D	
460-279242-6	A-06	Total/NA	Water	8260D	
460-279242-7	A-066	Total/NA	Water	8260D	
460-279242-9	A-07	Total/NA	Water	8260D	
460-279242-10	A-05	Total/NA	Water	8260D	
460-279242-11	A-09	Total/NA	Water	8260D	
460-279242-12	A-10	Total/NA	Water	8260D	
460-279242-13	FB0427	Total/NA	Water	8260D	
460-279242-14	Trip Blank	Total/NA	Water	8260D	
MB 460-906605/8	Method Blank	Total/NA	Water	8260D	
LCS 460-906605/4	Lab Control Sample	Total/NA	Water	8260D	
460-279242-5 MS	A-02	Total/NA	Water	8260D	
460-279242-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 906691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-279242-2	ME-8	Total/NA	Water	8260D	
460-279242-3	ME-13	Total/NA	Water	8260D	
460-279242-8	A-08	Total/NA	Water	8260D	
MB 460-906691/9	Method Blank	Total/NA	Water	8260D	
LCS 460-906691/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-906691/4	Lab Control Sample Dup	Total/NA	Water	8260D	
460-279227-B-1 MS	Matrix Spike	Total/NA	Water	8260D	
460-279227-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-279242-1
Date Collected: 04/27/23 08:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:03

Client Sample ID: ME-8
Lab Sample ID: 460-279242-2
Date Collected: 04/27/23 08:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906691	CJM	EET EDI	05/03/23 16:54

Client Sample ID: ME-13
Lab Sample ID: 460-279242-3
Date Collected: 04/27/23 08:50
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906691	CJM	EET EDI	05/03/23 17:44

Client Sample ID: MW-113
Lab Sample ID: 460-279242-4
Date Collected: 04/27/23 09:15
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:28

Client Sample ID: A-02
Lab Sample ID: 460-279242-5
Date Collected: 04/27/23 09:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:53

Client Sample ID: A-06
Lab Sample ID: 460-279242-6
Date Collected: 04/27/23 10:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906605	KLB	EET EDI	05/03/23 05:29

Client Sample ID: A-066
Lab Sample ID: 460-279242-7
Date Collected: 04/27/23 10:01
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906605	KLB	EET EDI	05/03/23 05:54

Client Sample ID: A-08
Lab Sample ID: 460-279242-8
Date Collected: 04/27/23 10:25
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906691	CJM	EET EDI	05/03/23 17:19

Client Sample ID: A-07
Lab Sample ID: 460-279242-9
Date Collected: 04/27/23 10:55
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 01:18

Client Sample ID: A-05
Lab Sample ID: 460-279242-10
Date Collected: 04/27/23 11:05
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 01:43

Client Sample ID: A-09
Lab Sample ID: 460-279242-11
Date Collected: 04/27/23 11:20
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 02:08

Client Sample ID: A-10
Lab Sample ID: 460-279242-12
Date Collected: 04/27/23 11:40
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 02:33

Client Sample ID: FB0427
Lab Sample ID: 460-279242-13
Date Collected: 04/27/23 14:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/02/23 23:12

Client Sample ID: Trip Blank
Lab Sample ID: 460-279242-14
Date Collected: 04/27/23 14:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/02/23 22:47

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-279242-1	106	117	100	95
ME-8	460-279242-2	109	117	97	98
ME-13	460-279242-3	107	113	97	97
MW-113	460-279242-4	110	115	101	95
A-02	460-279242-5	109	116	97	90
A-06	460-279242-6	109	120	99	95
A-066	460-279242-7	110	119	99	93
A-08	460-279242-8	109	115	99	97
A-07	460-279242-9	112	119	99	94
A-05	460-279242-10	109	117	97	93
A-09	460-279242-11	110	116	98	91
A-10	460-279242-12	110	115	100	95
FB0427	460-279242-13	109	115	101	94
Trip Blank	460-279242-14	110	118	101	92
	MB 460-906605/8	108	116	99	94
	MB 460-906691/9	110	114	99	96
	LCS 460-906605/4	109	115	100	98
	LCS 460-906691/3	110	115	98	99
	LCSD 460-906691/4	110	119	98	99
A-02 MS	460-279242-5 MS	109	114	100	99
	460-279227-B-1 MS	109	109	99	100
A-02 MSD	460-279242-5 MSD	109	118	100	98
	460-279227-B-1 MSD	109	114	97	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89590.D

Lab ID: LCS 460-906605/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.6	113	68-128	
1,1,2,2-Tetrachloroethane	20.0	22.4	112	63-139	
1,1,2-Trichloroethane	20.0	21.9	109	74-125	
1,1-Dichloroethane	20.0	26.2	131	73-130	*
1,1-Dichloroethene	20.0	23.8	119	68-133	
1,2-Dichloroethane	20.0	23.7	118	66-129	
1,2-Dichloropropane	20.0	22.3	111	68-128	
2-Hexanone	100	88.4	88	61-134	
Acetone	100	93.5	93	61-134	
Benzene	20.0	20.9	105	71-126	
Bromodichloromethane	20.0	22.2	111	76-121	
Bromoform	20.0	20.7	104	48-144	
Bromomethane	20.0	26.3	131	32-150	
Carbon disulfide	20.0	25.6	128	64-138	
Carbon tetrachloride	20.0	21.8	109	61-131	
Chlorobenzene	20.0	21.5	107	80-120	
Chloroethane	20.0	26.0	130	42-150	
Chloroform	20.0	24.6	123	78-125	
Chloromethane	20.0	23.7	118	43-150	
cis-1,2-Dichloroethene	20.0	21.4	107	78-121	
cis-1,3-Dichloropropene	20.0	21.1	106	74-125	
Dibromochloromethane	20.0	21.1	105	62-130	
Ethylbenzene	20.0	20.2	101	78-120	
Methyl Ethyl Ketone	100	102	102	61-128	
methyl isobutyl ketone	100	95.3	95	69-128	
Methylene Chloride	20.0	23.8	119	74-127	
Styrene	20.0	20.5	103	75-127	
Tetrachloroethene	20.0	20.9	104	70-127	
Toluene	20.0	20.7	103	78-120	
trans-1,2-Dichloroethene	20.0	23.0	115	74-126	
trans-1,3-Dichloropropene	20.0	21.0	105	66-127	
Trichloroethene	20.0	20.6	103	71-121	
Vinyl chloride	20.0	24.7	123	55-144	
Xylenes, Total	40.0	40.5	101	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89617.D

Lab ID: LCS 460-906691/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.1	100	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.9	99	63-139	
1,1,2-Trichloroethane	20.0	19.1	96	74-125	
1,1-Dichloroethane	20.0	23.0	115	73-130	
1,1-Dichloroethene	20.0	21.3	106	68-133	
1,2-Dichloroethane	20.0	21.1	106	66-129	
1,2-Dichloropropane	20.0	19.2	96	68-128	
2-Hexanone	100	74.6	75	61-134	
Acetone	100	87.0	87	61-134	
Benzene	20.0	18.6	93	71-126	
Bromodichloromethane	20.0	19.7	98	76-121	
Bromoform	20.0	18.5	93	48-144	
Bromomethane	20.0	21.7	108	32-150	
Carbon disulfide	20.0	21.9	109	64-138	
Carbon tetrachloride	20.0	19.6	98	61-131	
Chlorobenzene	20.0	18.7	93	80-120	
Chloroethane	20.0	20.9	104	42-150	
Chloroform	20.0	21.8	109	78-125	
Chloromethane	20.0	17.7	88	43-150	
cis-1,2-Dichloroethene	20.0	20.1	100	78-121	
cis-1,3-Dichloropropene	20.0	18.3	91	74-125	
Dibromochloromethane	20.0	18.7	94	62-130	
Ethylbenzene	20.0	17.6	88	78-120	
Methyl Ethyl Ketone	100	89.8	90	61-128	
methyl isobutyl ketone	100	80.8	81	69-128	
Methylene Chloride	20.0	21.7	109	74-127	
Styrene	20.0	17.8	89	75-127	
Tetrachloroethene	20.0	19.8	99	70-127	
Toluene	20.0	18.0	90	78-120	
trans-1,2-Dichloroethene	20.0	21.1	106	74-126	
trans-1,3-Dichloropropene	20.0	17.7	88	66-127	
Trichloroethene	20.0	18.1	91	71-121	
Vinyl chloride	20.0	19.5	97	55-144	
Xylenes, Total	40.0	34.7	87	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89618.D

Lab ID: LCSD 460-906691/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.6	113	12	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	22.6	113	13	30	63-139	
1,1,2-Trichloroethane	20.0	21.3	107	11	30	74-125	
1,1-Dichloroethane	20.0	24.4	122	6	30	73-130	
1,1-Dichloroethene	20.0	22.6	113	6	30	68-133	
1,2-Dichloroethane	20.0	24.0	120	13	30	66-129	
1,2-Dichloropropane	20.0	21.0	105	9	30	68-128	
2-Hexanone	100	85.9	86	14	30	61-134	
Acetone	100	105	105	18	30	61-134	
Benzene	20.0	21.0	105	12	30	71-126	
Bromodichloromethane	20.0	21.5	108	9	30	76-121	
Bromoform	20.0	19.9	99	7	30	48-144	
Bromomethane	20.0	22.6	113	4	30	32-150	
Carbon disulfide	20.0	23.7	118	8	30	64-138	
Carbon tetrachloride	20.0	21.8	109	11	30	61-131	
Chlorobenzene	20.0	21.2	106	13	30	80-120	
Chloroethane	20.0	21.7	108	4	30	42-150	
Chloroform	20.0	23.7	118	8	30	78-125	
Chloromethane	20.0	19.8	99	12	30	43-150	
cis-1,2-Dichloroethene	20.0	22.1	111	10	30	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	9	30	74-125	
Dibromochloromethane	20.0	20.9	104	11	30	62-130	
Ethylbenzene	20.0	19.8	99	12	30	78-120	
Methyl Ethyl Ketone	100	91.4	91	2	30	61-128	
methyl isobutyl ketone	100	93.7	94	15	30	69-128	
Methylene Chloride	20.0	22.7	113	4	30	74-127	
Styrene	20.0	19.8	99	11	30	75-127	
Tetrachloroethene	20.0	21.3	106	7	30	70-127	
Toluene	20.0	19.9	100	10	30	78-120	
trans-1,2-Dichloroethene	20.0	23.4	117	10	30	74-126	
trans-1,3-Dichloropropene	20.0	19.8	99	12	30	66-127	
Trichloroethene	20.0	19.8	99	9	30	71-121	
Vinyl chloride	20.0	20.3	102	4	30	55-144	
Xylenes, Total	40.0	39.0	98	12	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89606.D

Lab ID: 460-279242-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.4	102	68-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	21.1	105	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	20.1	101	74-125	
1,1-Dichloroethane	20.0	1.0 U	23.0	115	73-130	
1,1-Dichloroethene	20.0	1.0 U	20.9	105	68-133	
1,2-Dichloroethane	20.0	1.0 U	21.5	108	66-129	
1,2-Dichloropropane	20.0	1.0 U	19.4	97	68-128	
2-Hexanone	100	5.0 U	79.8	80	61-134	
Acetone	100	5.0 U	86.0	86	61-134	
Benzene	20.0	1.0 U	19.1	95	71-126	
Bromodichloromethane	20.0	1.0 U	20.0	100	76-121	
Bromoform	20.0	1.0 U	19.1	96	48-144	
Bromomethane	20.0	1.0 U	23.2	116	32-150	
Carbon disulfide	20.0	1.0 U	22.4	112	64-138	
Carbon tetrachloride	20.0	1.0 U	20.0	100	61-131	
Chlorobenzene	20.0	1.0 U	19.9	99	80-120	
Chloroethane	20.0	1.0 U	22.3	111	42-150	
Chloroform	20.0	1.0 U	21.6	108	78-125	
Chloromethane	20.0	1.0 U	21.4	107	43-150	
cis-1,2-Dichloroethene	20.0	1.0 U	19.8	99	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	18.9	94	74-125	
Dibromochloromethane	20.0	1.0 U	20.0	100	62-130	
Ethylbenzene	20.0	1.0 U	18.1	91	78-120	
Methyl Ethyl Ketone	100	5.0 U	92.3	92	61-128	
methyl isobutyl ketone	100	5.0 U	86.2	86	69-128	
Methylene Chloride	20.0	1.0 U	21.4	107	74-127	
Styrene	20.0	1.0 U	18.8	94	75-127	
Tetrachloroethene	20.0	19	36.4	87	70-127	
Toluene	20.0	1.0 U	18.7	93	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	20.8	104	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	18.8	94	66-127	
Trichloroethene	20.0	1.0 U	18.4	92	71-121	
Vinyl chloride	20.0	1.0 U	21.2	106	55-144	
Xylenes, Total	40.0	2.0 U	36.1	90	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89642.D

Lab ID: 460-279227-B-1 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	21.7	108	68-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	20.0	100	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	20.5	102	74-125	
1,1-Dichloroethane	20.0	1.0 U	23.7	119	73-130	
1,1-Dichloroethene	20.0	1.0 U	21.8	109	68-133	
1,2-Dichloroethane	20.0	1.0 U	21.2	106	66-129	
1,2-Dichloropropane	20.0	1.0 U	20.2	101	68-128	
2-Hexanone	100	5.0 U	80.8	81	61-134	
Acetone	100	5.0 U	90.7	91	61-134	
Benzene	20.0	1.7	20.5	94	71-126	
Bromodichloromethane	20.0	1.0 U	20.4	102	76-121	
Bromoform	20.0	1.0 U	18.9	95	48-144	
Bromomethane	20.0	1.0 U	20.9	105	32-150	
Carbon disulfide	20.0	1.0 U	22.7	114	64-138	
Carbon tetrachloride	20.0	1.0 U	21.0	105	61-131	
Chlorobenzene	20.0	1.0 U	20.6	103	80-120	
Chloroethane	20.0	1.0 U	25.4	127	42-150	
Chloroform	20.0	1.0 U	22.4	112	78-125	
Chloromethane	20.0	1.0 U	24.0	120	43-150	
cis-1,2-Dichloroethene	20.0	1.0 U	20.5	102	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	18.6	93	74-125	
Dibromochloromethane	20.0	1.0 U	19.9	99	62-130	
Ethylbenzene	20.0	8.9	26.3	87	78-120	
Methyl Ethyl Ketone	100	5.0 U	84.4	84	61-128	
methyl isobutyl ketone	100	5.0 U	88.2	88	69-128	
Methylene Chloride	20.0	1.0 U	22.1	111	74-127	
Styrene	20.0	1.0 U	19.6	98	75-127	
Tetrachloroethene	20.0	1.0 U	24.4	122	70-127	
Toluene	20.0	5.6	23.1	87	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	22.0	110	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	18.4	92	66-127	
Trichloroethene	20.0	1.0 U	19.2	96	71-121	
Vinyl chloride	20.0	1.0 U	24.7	124	55-144	
Xylenes, Total	40.0	26	57.9	80	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89607.D

Lab ID: 460-279242-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.4	112	9	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	2	30	63-139	
1,1,2-Trichloroethane	20.0	21.0	105	4	30	74-125	
1,1-Dichloroethane	20.0	23.7	119	3	30	73-130	
1,1-Dichloroethene	20.0	22.1	110	5	30	68-133	
1,2-Dichloroethane	20.0	23.1	115	7	30	66-129	
1,2-Dichloropropane	20.0	20.2	101	4	30	68-128	
2-Hexanone	100	82.3	82	3	30	61-134	
Acetone	100	82.7	83	4	30	61-134	
Benzene	20.0	20.8	104	9	30	71-126	
Bromodichloromethane	20.0	20.3	101	1	30	76-121	
Bromoform	20.0	19.5	97	2	30	48-144	
Bromomethane	20.0	24.6	123	6	30	32-150	
Carbon disulfide	20.0	23.7	119	6	30	64-138	
Carbon tetrachloride	20.0	20.9	105	5	30	61-131	
Chlorobenzene	20.0	20.3	102	2	30	80-120	
Chloroethane	20.0	22.9	114	3	30	42-150	
Chloroform	20.0	23.0	115	7	30	78-125	
Chloromethane	20.0	21.8	109	1	30	43-150	
cis-1,2-Dichloroethene	20.0	21.1	106	6	30	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	3	30	74-125	
Dibromochloromethane	20.0	19.8	99	1	30	62-130	
Ethylbenzene	20.0	19.6	98	8	30	78-120	
Methyl Ethyl Ketone	100	88.8	89	4	30	61-128	
methyl isobutyl ketone	100	91.1	91	6	30	69-128	
Methylene Chloride	20.0	22.0	110	3	30	74-127	
Styrene	20.0	19.9	99	5	30	75-127	
Tetrachloroethene	20.0	38.1	96	5	30	70-127	
Toluene	20.0	19.7	99	5	30	78-120	
trans-1,2-Dichloroethene	20.0	21.7	108	4	30	74-126	
trans-1,3-Dichloropropene	20.0	19.3	97	3	30	66-127	
Trichloroethene	20.0	19.9	99	8	30	71-121	
Vinyl chloride	20.0	22.5	112	6	30	55-144	
Xylenes, Total	40.0	37.0	93	2	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89643.D

Lab ID: 460-279227-B-1 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.6	113	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	21.0	105	5	30	63-139	
1,1,2-Trichloroethane	20.0	20.0	100	3	30	74-125	
1,1-Dichloroethane	20.0	24.3	122	2	30	73-130	
1,1-Dichloroethene	20.0	23.2	116	6	30	68-133	
1,2-Dichloroethane	20.0	22.4	112	5	30	66-129	
1,2-Dichloropropane	20.0	20.7	104	3	30	68-128	
2-Hexanone	100	87.4	87	8	30	61-134	
Acetone	100	91.6	92	1	30	61-134	
Benzene	20.0	20.7	95	1	30	71-126	
Bromodichloromethane	20.0	20.5	103	1	30	76-121	
Bromoform	20.0	18.8	94	1	30	48-144	
Bromomethane	20.0	23.9	120	13	30	32-150	
Carbon disulfide	20.0	23.8	119	5	30	64-138	
Carbon tetrachloride	20.0	21.2	106	1	30	61-131	
Chlorobenzene	20.0	20.8	104	1	30	80-120	
Chloroethane	20.0	24.9	125	2	30	42-150	
Chloroform	20.0	23.0	115	3	30	78-125	
Chloromethane	20.0	24.9	124	3	30	43-150	
cis-1,2-Dichloroethene	20.0	21.4	107	4	30	78-121	
cis-1,3-Dichloropropene	20.0	19.0	95	2	30	74-125	
Dibromochloromethane	20.0	19.8	99	1	30	62-130	
Ethylbenzene	20.0	26.6	88	1	30	78-120	
Methyl Ethyl Ketone	100	95.5	95	12	30	61-128	
methyl isobutyl ketone	100	92.1	92	4	30	69-128	
Methylene Chloride	20.0	22.9	114	3	30	74-127	
Styrene	20.0	20.0	100	2	30	75-127	
Tetrachloroethene	20.0	21.4	107	13	30	70-127	
Toluene	20.0	23.0	87	1	30	78-120	
trans-1,2-Dichloroethene	20.0	22.2	111	1	30	74-126	
trans-1,3-Dichloropropene	20.0	18.7	93	1	30	66-127	
Trichloroethene	20.0	19.5	97	1	30	71-121	
Vinyl chloride	20.0	26.0	130	5	30	55-144	
Xylenes, Total	40.0	57.1	78	1	30	78-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab File ID: J89594.D Lab Sample ID: MB 460-906605/8

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

Instrument ID: CVOAMS8 Date Analyzed: 05/02/2023 22:22

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-906605/4	J89590.D	05/02/2023 20:42
Trip Blank	460-279242-14	J89595.D	05/02/2023 22:47
FB0427	460-279242-13	J89596.D	05/02/2023 23:12
A-15	460-279242-1	J89598.D	05/03/2023 00:03
MW-113	460-279242-4	J89599.D	05/03/2023 00:28
A-02	460-279242-5	J89600.D	05/03/2023 00:53
A-07	460-279242-9	J89601.D	05/03/2023 01:18
A-05	460-279242-10	J89602.D	05/03/2023 01:43
A-09	460-279242-11	J89603.D	05/03/2023 02:08
A-10	460-279242-12	J89604.D	05/03/2023 02:33
A-02 MS	460-279242-5 MS	J89606.D	05/03/2023 03:24
A-02 MSD	460-279242-5 MSD	J89607.D	05/03/2023 03:49
A-06	460-279242-6	J89611.D	05/03/2023 05:29
A-066	460-279242-7	J89612.D	05/03/2023 05:54

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab File ID: J89623.D Lab Sample ID: MB 460-906691/9

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

Instrument ID: CVOAMS8 Date Analyzed: 05/03/2023 10:12

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-906691/3	J89617.D	05/03/2023 07:42
	LCSD 460-906691/4	J89618.D	05/03/2023 08:07
ME-8	460-279242-2	J89639.D	05/03/2023 16:54
A-08	460-279242-8	J89640.D	05/03/2023 17:19
ME-13	460-279242-3	J89641.D	05/03/2023 17:44
	460-279227-B-1 MS	J89642.D	05/03/2023 18:09
	460-279227-B-1 MSD	J89643.D	05/03/2023 18:34

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab File ID: J88838.D BFB Injection Date: 04/13/2023

Instrument ID: CVOAMS8 BFB Injection Time: 23:30

Analysis Batch No.: 903054

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	121.2
96	5 - 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	82.5
175	5 - 9% of m/z 174	7.9
176	95 -105% of m/z 174	99.0
177	5 - 10% of m/z 176	6.4

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-903054/3	J88840.D	04/14/2023	0:39
	STD1 460-903054/4	J88841.D	04/14/2023	1:04
	STD5 460-903054/5	J88842.D	04/14/2023	1:29
	STD20 460-903054/6	J88843.D	04/14/2023	1:54
	STD50 460-903054/7	J88844.D	04/14/2023	2:19
	STD200 460-903054/8	J88845.D	04/14/2023	2:44
	STD500 460-903054/9	J88846.D	04/14/2023	3:09
	ICV 460-903054/17	J88854.D	04/14/2023	6:30

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: STD20 460-903054/6 Date Analyzed: 04/14/2023 01:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J88843.D Heated Purge: (Y/N) N

Calibration ID: 92672

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		216029	2.39	307465	3.30	608613	4.32
UPPER LIMIT		432058	2.89	614930	3.80	1217226	4.82
LOWER LIMIT		108015	1.89	153733	2.80	304307	3.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903054/17		206034	2.40	309711	3.30	606269	4.32

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: STD20 460-903054/6 Date Analyzed: 04/14/2023 01:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J88843.D Heated Purge: (Y/N) N

Calibration ID: 92672

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		27293	5.03	425931	7.99	203716	10.37
UPPER LIMIT		54586	5.53	851862	8.49	407432	10.87
LOWER LIMIT		13647	4.53	212966	7.49	101858	9.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903054/17		23967	5.03	411256	7.99	192435	10.37

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: CCVIS 460-906605/2 Date Analyzed: 05/02/2023 19:52

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89588.D Heated Purge: (Y/N) N

Calibration ID: 92672

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		221866	2.40	352620	3.32	562544	4.34
UPPER LIMIT		443732	2.90	705240	3.82	1125088	4.84
LOWER LIMIT		110933	1.90	176310	2.82	281272	3.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-906605/4		223174	2.40	355024	3.31	560416	4.34
MB 460-906605/8		210111	2.40	335593	3.31	541585	4.34
460-279242-14	Trip Blank	200405	2.41	333185	3.32	533407	4.33
460-279242-13	FB0427	220060	2.41	351068	3.32	546342	4.33
460-279242-1	A-15	191907	2.40	315249	3.31	533286	4.34
460-279242-4	MW-113	205151	2.40	318020	3.32	519131	4.34
460-279242-5	A-02	211697	2.41	344341	3.32	524364	4.34
460-279242-9	A-07	221289	2.41	342623	3.32	519830	4.34
460-279242-10	A-05	194849	2.40	318138	3.31	518156	4.34
460-279242-11	A-09	194004	2.40	314542	3.31	520383	4.34
460-279242-12	A-10	202975	2.40	323567	3.32	522249	4.34
460-279242-5 MS	A-02 MS	208067	2.41	335901	3.32	533115	4.34
460-279242-5 MSD	A-02 MSD	211537	2.41	328996	3.32	547886	4.34
460-279242-6	A-06	197705	2.40	310516	3.32	532076	4.34
460-279242-7	A-066	208976	2.41	327146	3.32	526865	4.34

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: CCVIS 460-906605/2 Date Analyzed: 05/02/2023 19:52

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89588.D Heated Purge: (Y/N) N

Calibration ID: 92672

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23917	5.05	388567	8.00	190153	10.38
UPPER LIMIT		47834	5.55	777134	8.50	380306	10.88
LOWER LIMIT		11959	4.55	194284	7.50	95077	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-906605/4		23250	5.05	394847	8.00	189626	10.38
MB 460-906605/8		20794	5.05	365682	8.00	173901	10.38
460-279242-14	Trip Blank	20251	5.05	363481	8.01	170400	10.38
460-279242-13	FB0427	20017	5.05	363235	8.01	174515	10.38
460-279242-1	A-15	18456	5.05	359024	8.00	172523	10.38
460-279242-4	MW-113	18930	5.05	348789	8.01	168848	10.38
460-279242-5	A-02	20790	5.05	362315	8.01	171342	10.38
460-279242-9	A-07	20375	5.05	356186	8.01	172979	10.38
460-279242-10	A-05	18357	5.04	361677	8.00	169449	10.38
460-279242-11	A-09	19275	5.05	359398	8.00	171080	10.38
460-279242-12	A-10	18528	5.05	348592	8.00	172819	10.38
460-279242-5 MS	A-02 MS	20842	5.05	370034	8.01	183865	10.38
460-279242-5 MSD	A-02 MSD	21988	5.05	372654	8.01	182622	10.38
460-279242-6	A-06	20093	5.05	353897	8.01	163168	10.38
460-279242-7	A-066	19575	5.05	357870	8.01	170857	10.38

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: CCVIS 460-906691/2 Date Analyzed: 05/03/2023 07:17

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89616.D Heated Purge: (Y/N) N

Calibration ID: 92672

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		196879	2.40	307270	3.31	518294	4.34
UPPER LIMIT		393758	2.90	614540	3.81	1036588	4.84
LOWER LIMIT		98440	1.90	153635	2.81	259147	3.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-906691/3		205491	2.40	333074	3.31	530686	4.34
LCSD 460-906691/4		210636	2.41	334038	3.32	536551	4.34
MB 460-906691/9		197959	2.40	313736	3.31	516075	4.34
460-279242-2	ME-8	210409	2.40	323343	3.31	530259	4.34
460-279242-8	A-08	207473	2.40	327133	3.32	527379	4.34
460-279242-3	ME-13	199734	2.40	315629	3.32	530786	4.34
460-279227-B-1 MS		203180	2.40	324532	3.32	547425	4.33
460-279227-B-1 MSD		212195	2.40	320667	3.32	549572	4.33

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Sample No.: CCVIS 460-906691/2 Date Analyzed: 05/03/2023 07:17

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89616.D Heated Purge: (Y/N) N

Calibration ID: 92672

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20537	5.05	360334	8.00	180468	10.38
UPPER LIMIT		41074	5.55	720668	8.50	360936	10.88
LOWER LIMIT		10269	4.55	180167	7.50	90234	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-906691/3		20318	5.05	373625	8.00	180902	10.38
LCSD 460-906691/4		21039	5.05	373712	8.00	180942	10.38
MB 460-906691/9		19710	5.05	350297	8.00	170436	10.38
460-279242-2	ME-8	20938	5.05	368757	8.00	185436	10.38
460-279242-8	A-08	21036	5.04	366967	8.01	182250	10.38
460-279242-3	ME-13	20327	5.05	364685	8.00	180770	10.38
460-279227-B-1 MS		21516	5.04	383924	8.00	192746	10.38
460-279227-B-1 MSD		22403	5.05	390338	8.00	192413	10.38

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-279242-1

Matrix: Water | Lab File ID: J89598.D

Analysis Method: 8260D | Date Collected: 04/27/2023 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	6.4		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.33	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	22		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-279242-1

Matrix: Water | Lab File ID: J89598.D

Analysis Method: 8260D | Date Collected: 04/27/2023 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D
Lims ID: 460-279242-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 03-May-2023 00:03:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-1
Misc. Info.: 460-0159945-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 00:47:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.146	2.141	0.005	84	4907	6.37	
24 Carbon disulfide	76	2.225	2.226	-0.001	99	3785	0.4609	
* 30 TBA-d9 (IS)	65	2.401	2.403	-0.002	75	191907	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	85	315249	250.0	
52 Chloroform	83	3.606	3.601	0.005	94	1562	0.3344	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.747	-0.002	95	128036	53.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	164900	58.4	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	98	533286	50.0	
* 72 1,4-Dioxane-d8	96	5.047	5.054	-0.007	0	18456	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.050	6.051	-0.001	98	423981	50.1	
88 Tetrachloroethene	166	6.798	6.799	-0.001	97	56418	22.2	
* 94 Chlorobenzene-d5	117	8.002	8.004	-0.002	89	359024	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	113964	47.3	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	172523	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

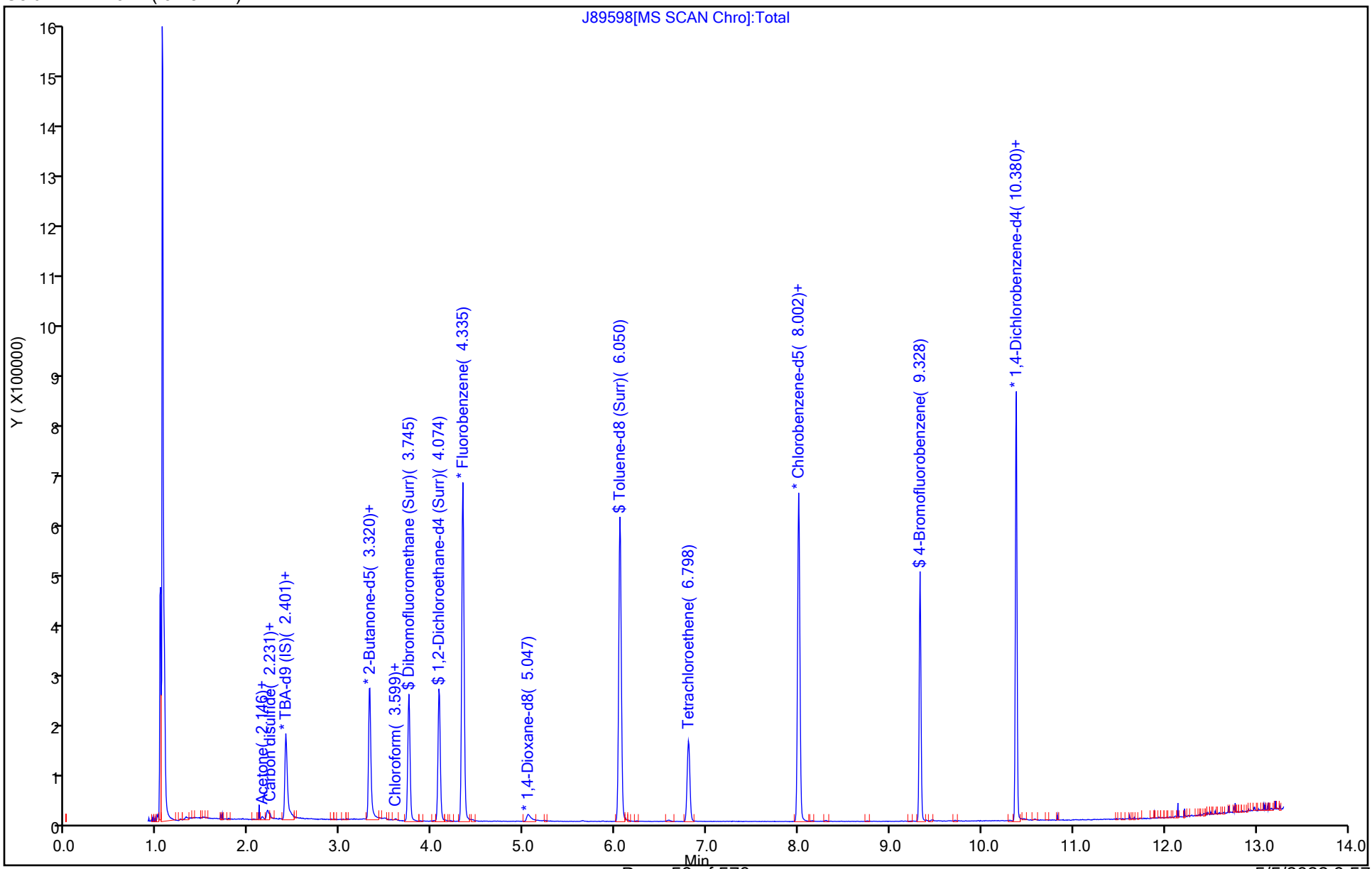
Report Date: 04-May-2023 15:58:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D

Injection Date:	03-May-2023 00:03:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-1	Lab Sample ID:	460-279242-1	Worklist Smp#:	12
Client ID:	A-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D
Lims ID: 460-279242-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 03-May-2023 00:03:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-1
Misc. Info.: 460-0159945-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 00:47:18

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.2	106.34
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.4	116.79
$ 83 Toluene-d8 (Surr)	50.0	50.1	100.27
$ 105 4-Bromofluorobenzene	50.0	47.3	94.66

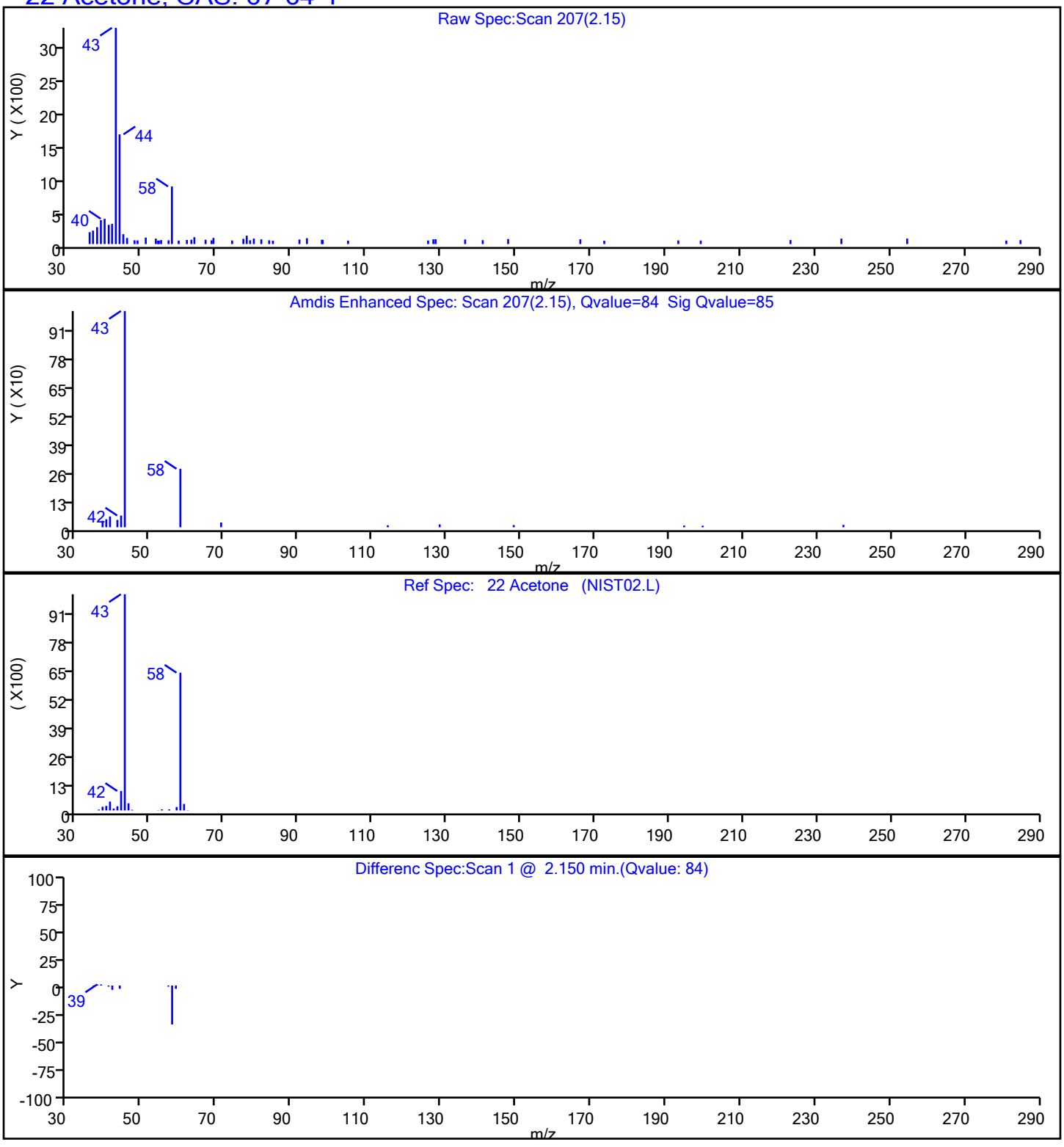
Report Date: 04-May-2023 15:58:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D

Injection Date:	03-May-2023 00:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-1	Lab Sample ID:	460-279242-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



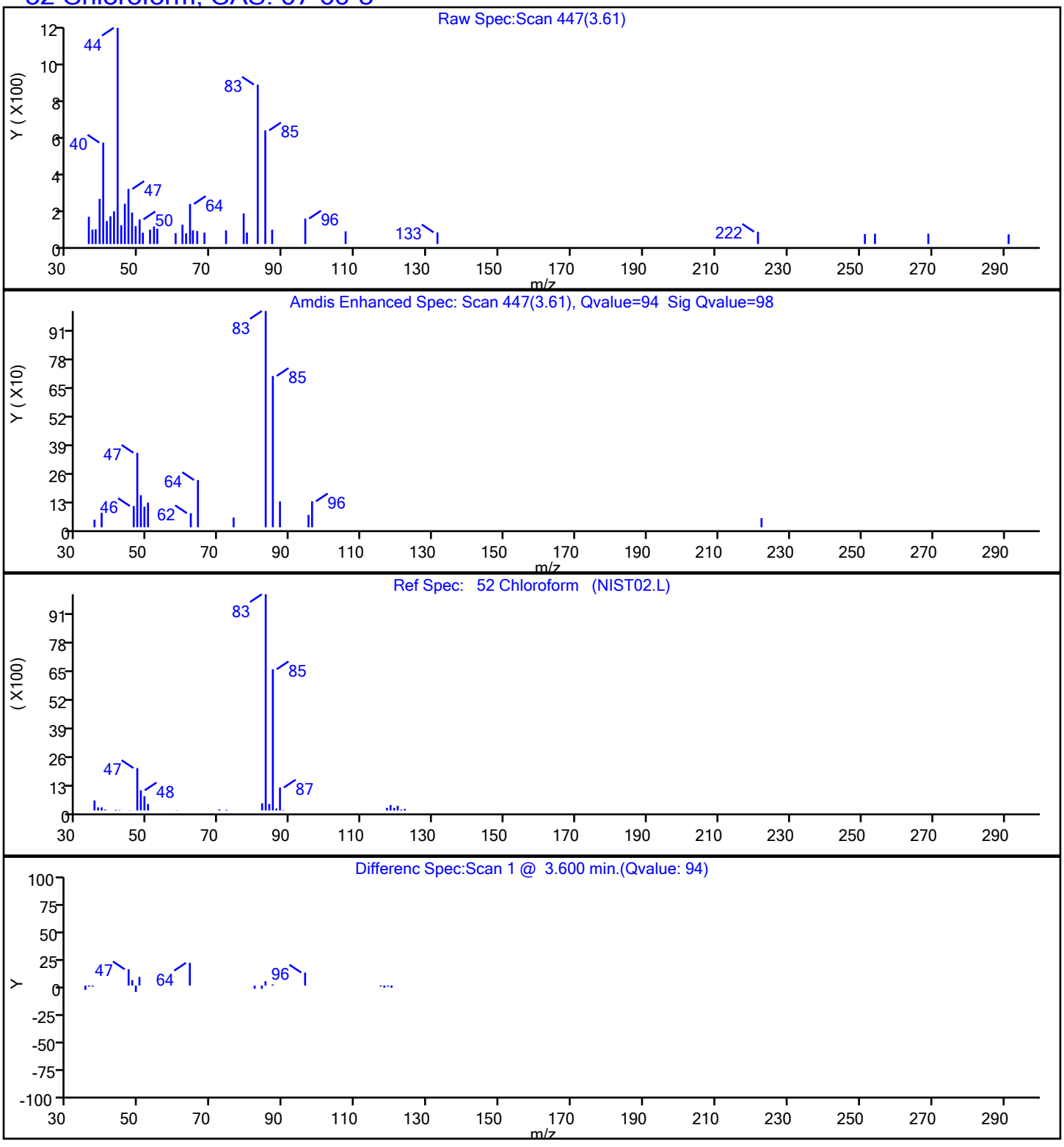
Report Date: 04-May-2023 15:58:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D

Injection Date:	03-May-2023 00:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-1	Lab Sample ID:	460-279242-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

52 Chloroform, CAS: 67-66-3

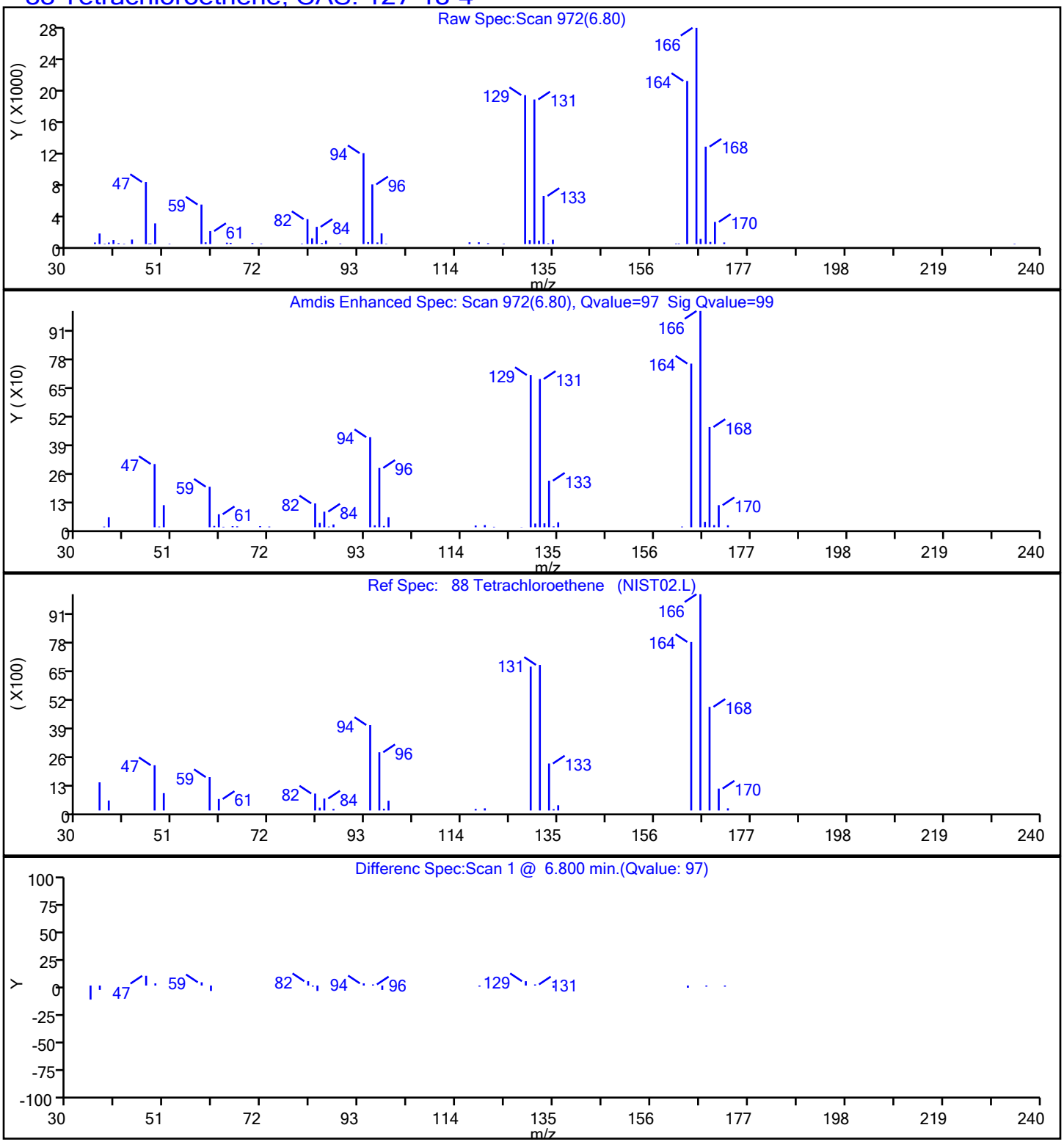


5/5/2023 9:57 AM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D
Injection Date: 03-May-2023 00:03:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-1 Lab Sample ID: 460-279242-1
Client ID: A-15
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



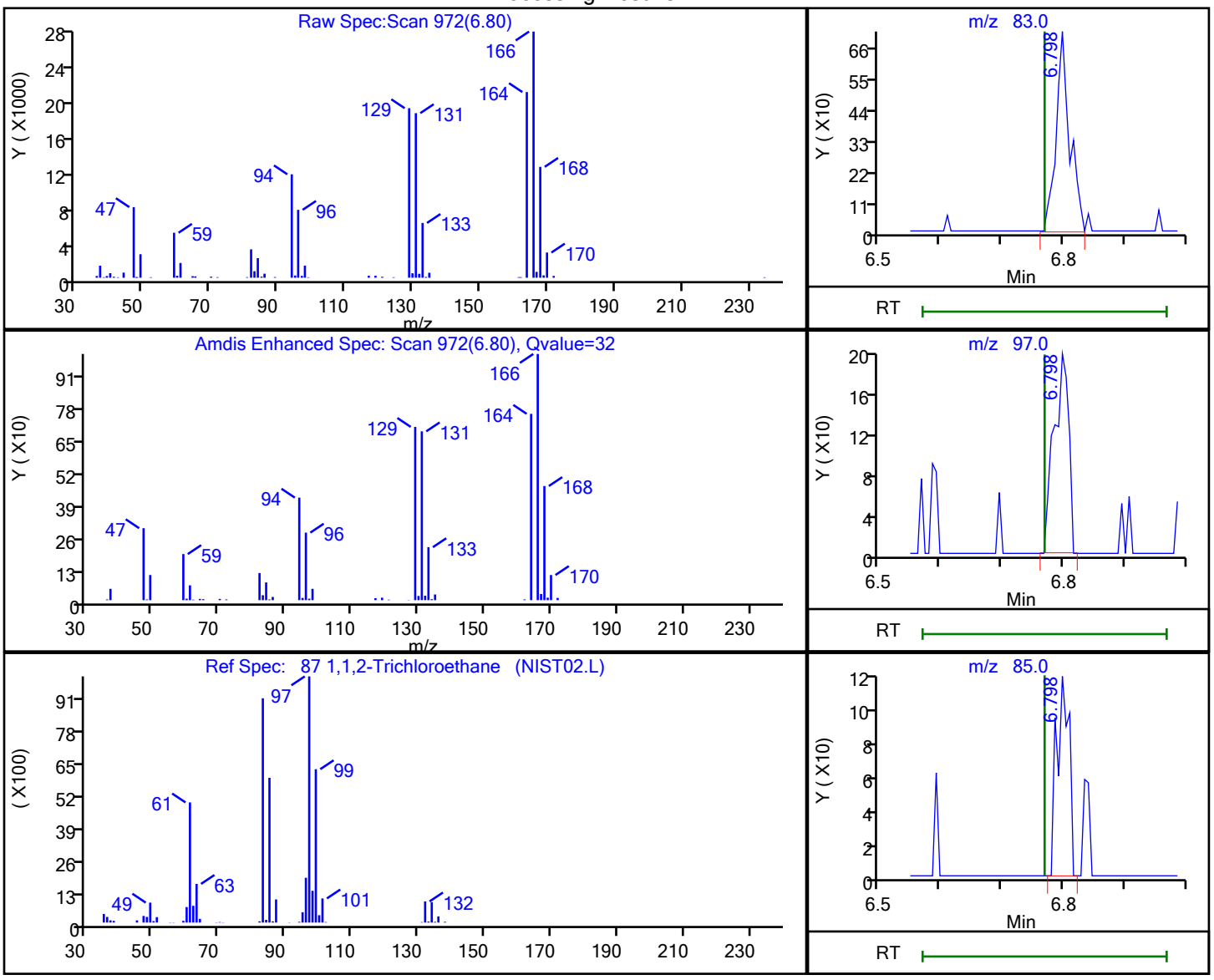
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D		
Injection Date:	03-May-2023 00:03:30	Instrument ID:	CVOAMS8
Lims ID:	460-279242-A-1	Lab Sample ID:	460-279242-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	1111	0.541347
6.80	97.00	336	
6.80	85.00	169	

Reviewer: HVW2, 03-May-2023 00:47:10

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

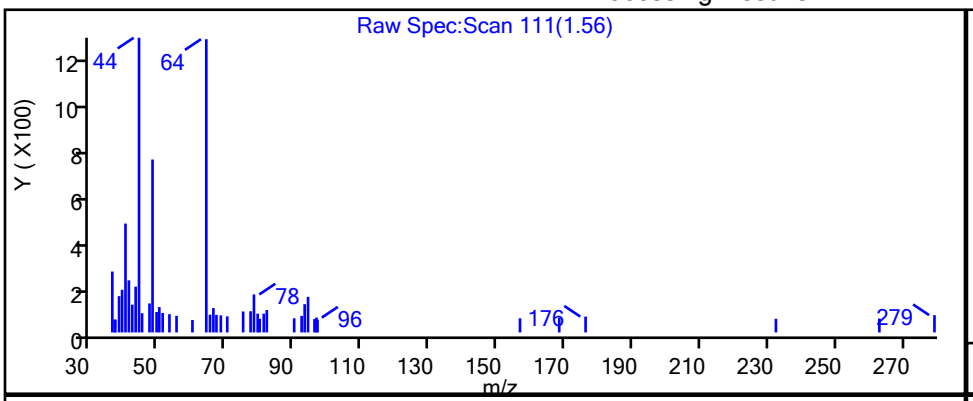
User Disabled Compound Report

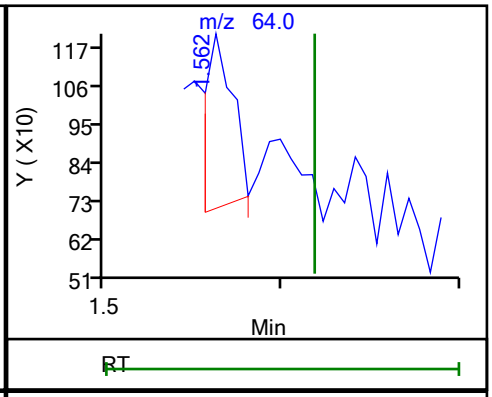
Eurofins Edison

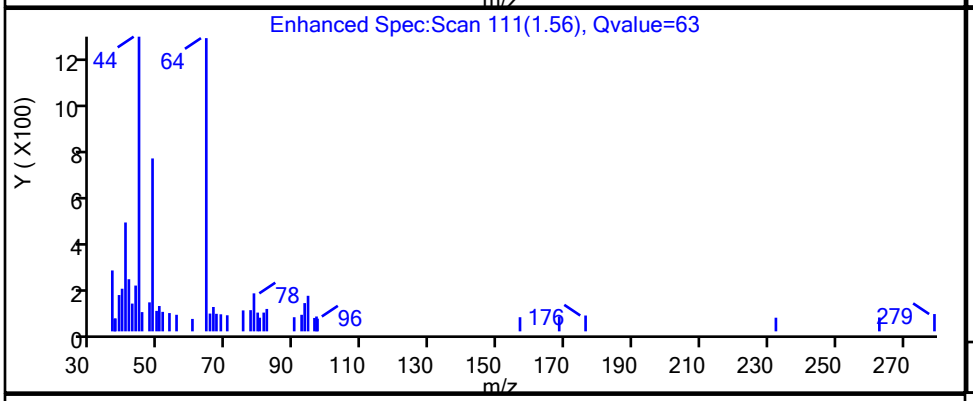
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89598.D				
Injection Date:	03-May-2023 00:03:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-1	Lab Sample ID:	460-279242-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

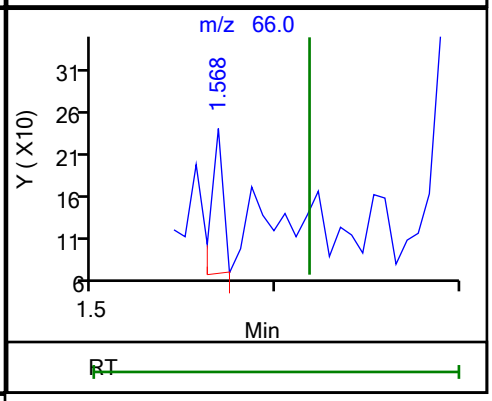
10 Chloroethane, CAS: 75-00-3

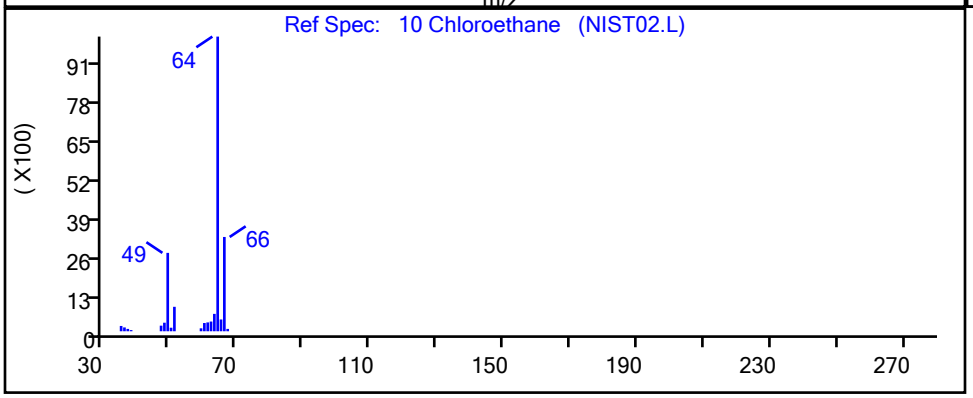
Processing Results











RT	Mass	Response	Amount
1.56	64.00	537	0.371006
1.57	66.00	75	

Reviewer: HVW2, 03-May-2023 00:47:03

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-279242-2

Matrix: Water | Lab File ID: J89639.D

Analysis Method: 8260D | Date Collected: 04/27/2023 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 16:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	410		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.38	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-279242-2

Matrix: Water | Lab File ID: J89639.D

Analysis Method: 8260D | Date Collected: 04/27/2023 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 16:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D
Lims ID: 460-279242-B-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 03-May-2023 16:54:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-B-2
Misc. Info.: 460-0159967-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: XE5L Date: 04-May-2023 12:41:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.401	0.001	75	210409	1000.0	
* 43 2-Butanone-d5	46	3.314	3.314	0.000	86	323343	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.745	0.001	96	130870	54.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.074	0.000	0	163868	58.4	
* 66 Fluorobenzene	96	4.336	4.335	0.001	98	530259	50.0	
68 Trichloroethene	95	4.682	4.682	0.000	91	1101	0.3797	
* 72 1,4-Dioxane-d8	96	5.047	5.047	0.000	0	20938	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.051	6.050	0.001	98	423318	48.7	
88 Tetrachloroethene	166	6.799	6.798	0.001	97	1078674	413.6	
* 94 Chlorobenzene-d5	117	8.003	8.002	0.001	88	368757	50.0	
$ 105 4-Bromofluorobenzene	174	9.329	9.328	0.001	94	121616	49.2	
* 121 1,4-Dichlorobenzene-d4	152	10.381	10.380	0.001	96	185436	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

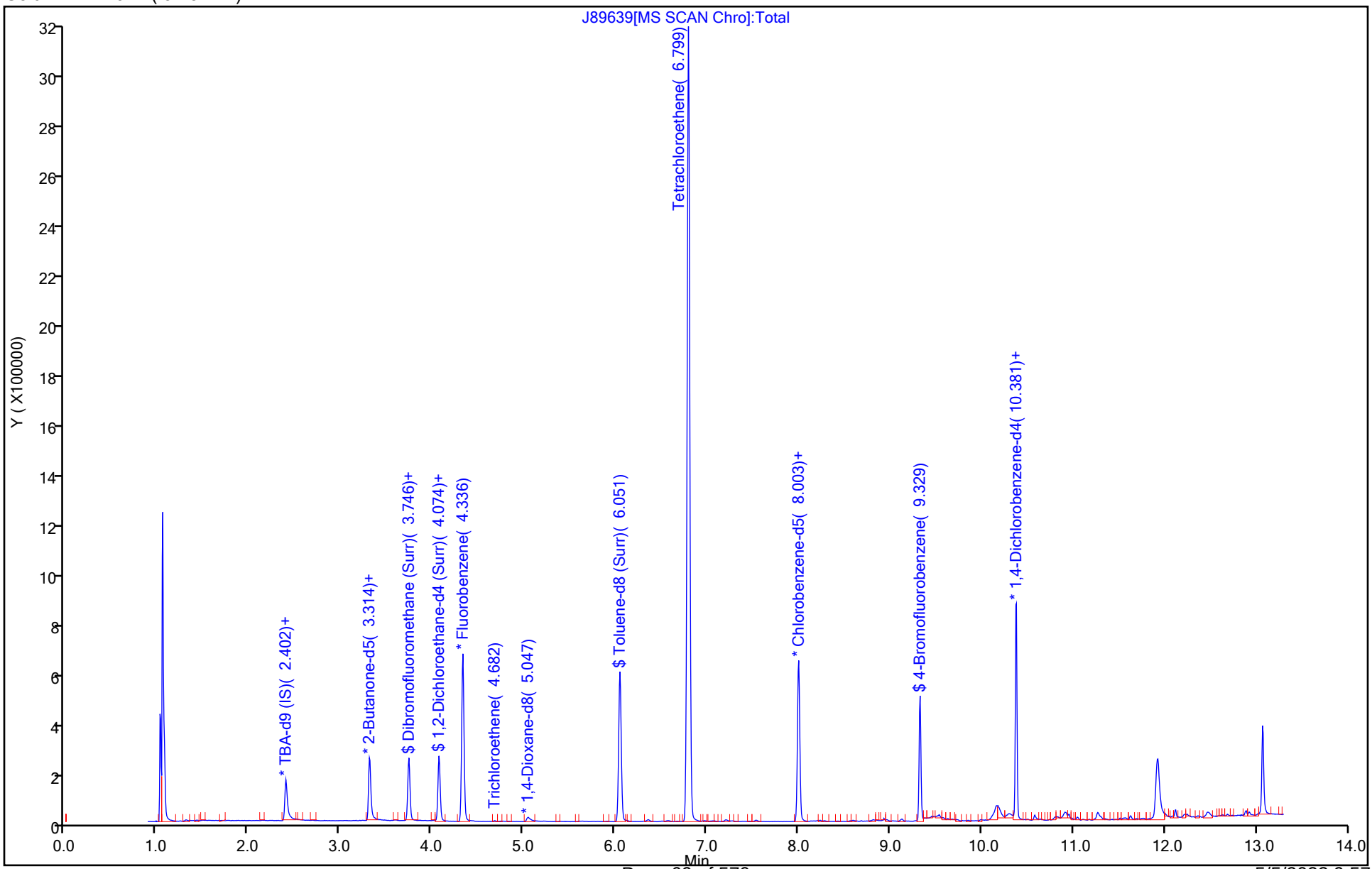
Report Date: 04-May-2023 12:41:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D

Injection Date:	03-May-2023 16:54:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-B-2	Lab Sample ID:	460-279242-2	Worklist Smp#:	25
Client ID:	ME-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D
Lims ID: 460-279242-B-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 03-May-2023 16:54:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-B-2
Misc. Info.: 460-0159967-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

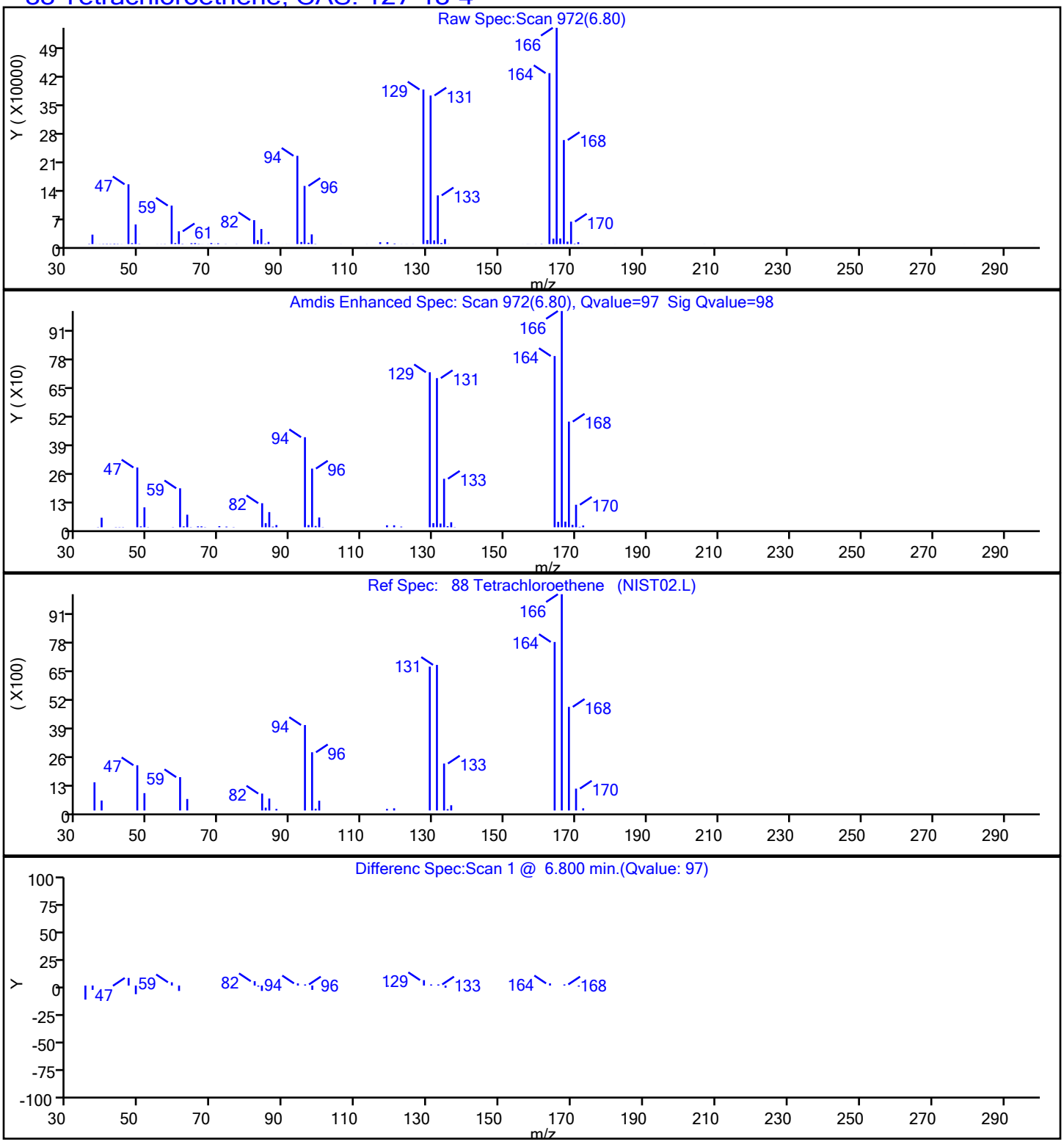
First Level Reviewer: XE5L Date: 04-May-2023 12:41:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.7	109.31
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.4	116.72
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.47
$ 105 4-Bromofluorobenzene	50.0	49.2	98.35

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D
Injection Date: 03-May-2023 16:54:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-B-2 Lab Sample ID: 460-279242-2
Client ID: ME-8
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

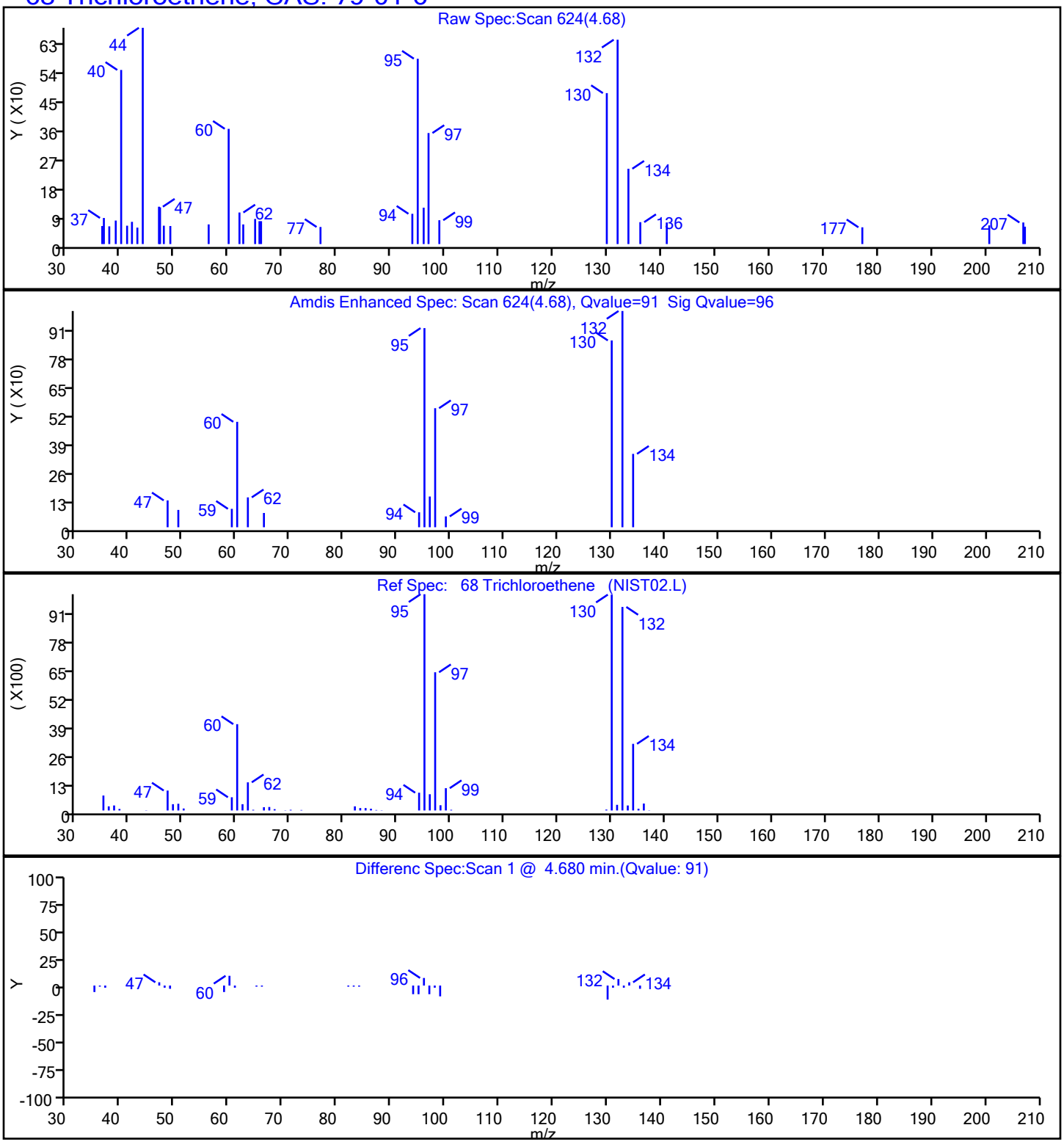
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D				
Injection Date:	03-May-2023 16:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-2	Lab Sample ID:	460-279242-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6



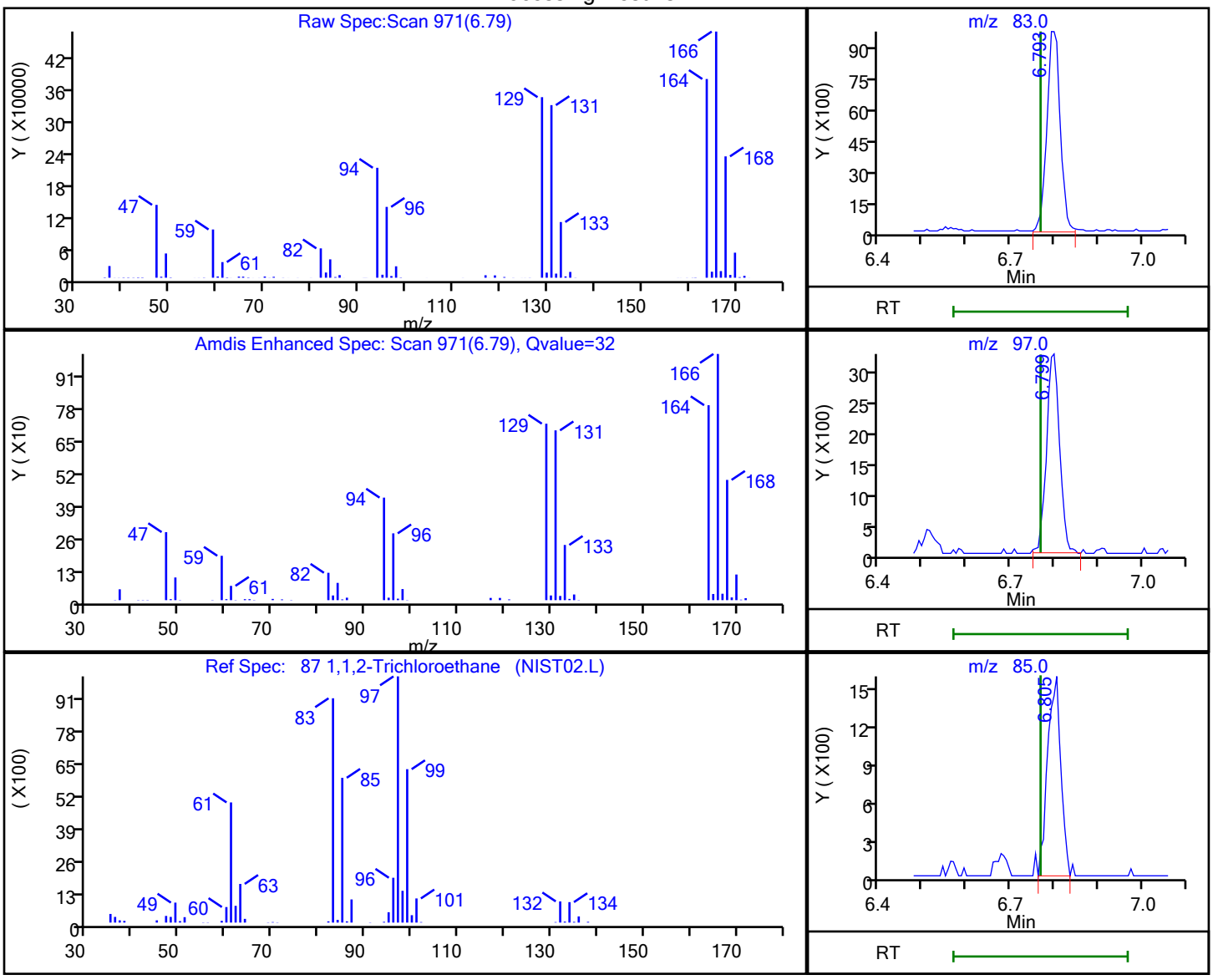
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89639.D				
Injection Date:	03-May-2023 16:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-2	Lab Sample ID:	460-279242-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.79	83.00	20784	9.859929
6.80	97.00	6799	
6.80	85.00	3189	

Reviewer: HVW2, 04-May-2023 02:15:15

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-279242-3

Matrix: Water | Lab File ID: J89641.D

Analysis Method: 8260D | Date Collected: 04/27/2023 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 17:44

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	810		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	2.0	U	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: ME-13 Lab Sample ID: 460-279242-3

Matrix: Water Lab File ID: J89641.D

Analysis Method: 8260D Date Collected: 04/27/2023 08:50

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2023 17:44

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89641.D
Lims ID: 460-279242-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 03-May-2023 17:44:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-B-3
Misc. Info.: 460-0159967-027
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 04-May-2023 02:16:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.401	0.001	75	199734	1000.0	
* 43 2-Butanone-d5	46	3.315	3.314	0.001	85	315629	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.745	0.001	95	128330	53.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.074	0.001	0	158782	56.5	
* 66 Fluorobenzene	96	4.336	4.335	0.001	98	530786	50.0	
* 72 1,4-Dioxane-d8	96	5.048	5.047	0.001	0	20327	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.051	6.050	0.001	98	416035	48.4	
88 Tetrachloroethene	166	6.799	6.798	0.001	97	1038917	402.8	
* 94 Chlorobenzene-d5	117	8.003	8.002	0.001	88	364685	50.0	
$ 105 4-Bromofluorobenzene	174	9.329	9.328	0.001	94	118039	48.3	
* 121 1,4-Dichlorobenzene-d4	152	10.375	10.380	-0.005	96	180770	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

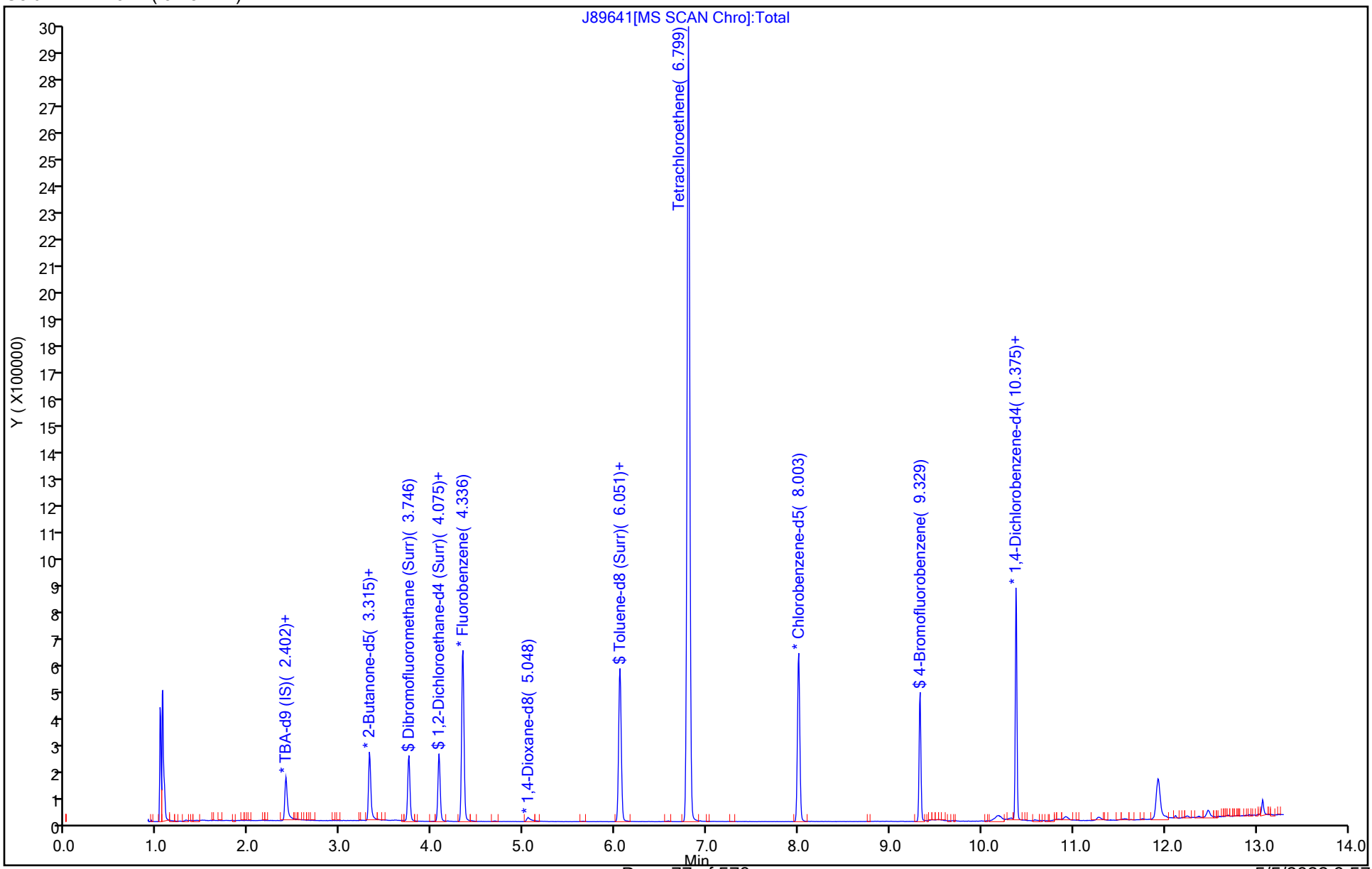
Report Date: 04-May-2023 12:43:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89641.D

Injection Date:	03-May-2023 17:44:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-B-3	Lab Sample ID:	460-279242-3	Worklist Smp#:	27
Client ID:	ME-13				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	26
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89641.D
Lims ID: 460-279242-B-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 03-May-2023 17:44:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-B-3
Misc. Info.: 460-0159967-027
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

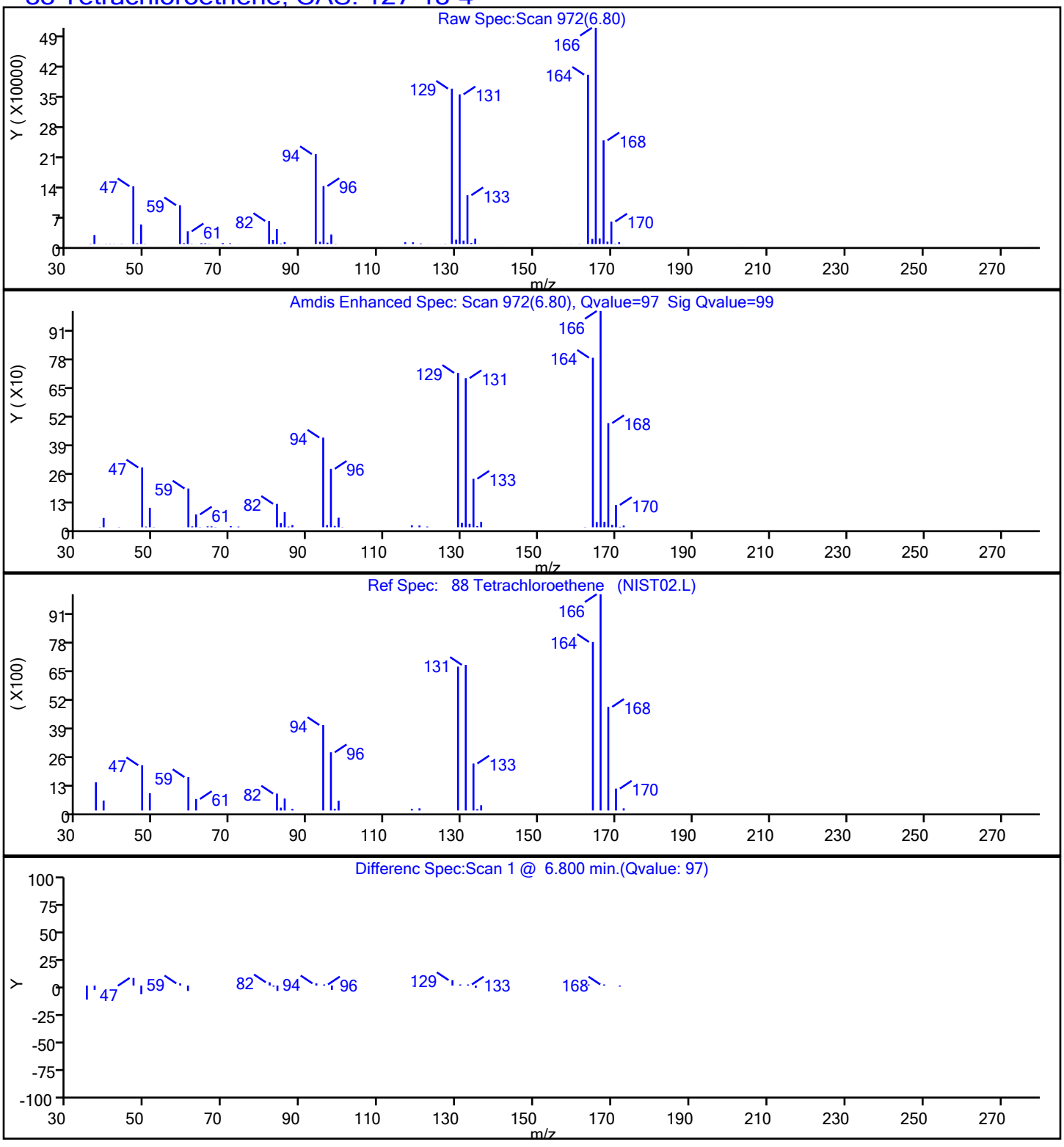
First Level Reviewer: HVW2 Date: 04-May-2023 02:16:09

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	53.5	107.08
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.5	112.98
$ 83 Toluene-d8 (Surr)	50.0	48.4	96.87
$ 105 4-Bromofluorobenzene	50.0	48.3	96.52

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89641.D				
Injection Date:	03-May-2023 17:44:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-3	Lab Sample ID:	460-279242-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



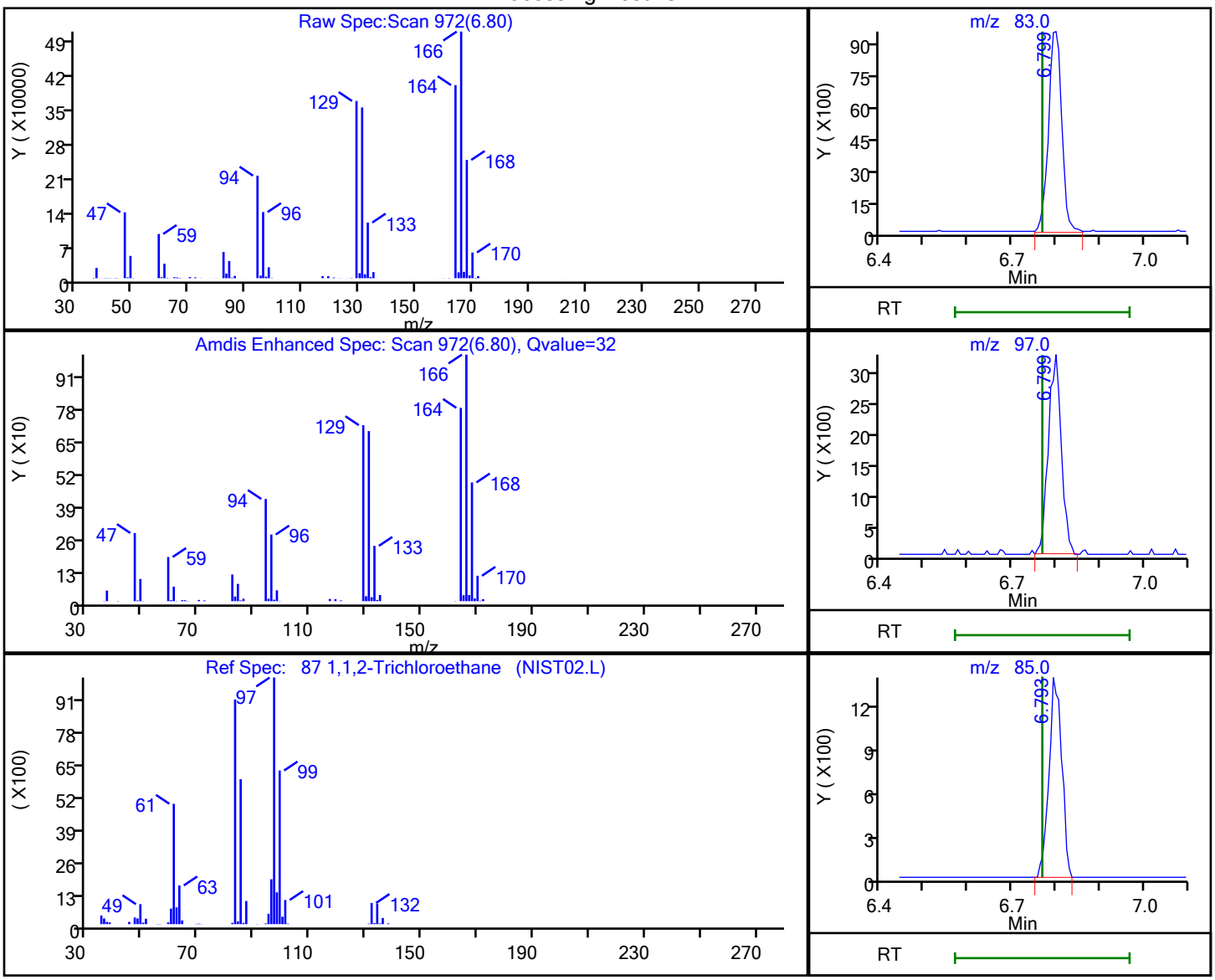
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89641.D				
Injection Date:	03-May-2023 17:44:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-3	Lab Sample ID:	460-279242-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	20139	9.660619
6.80	97.00	6693	
6.79	85.00	2723	

Reviewer: HVW2, 04-May-2023 02:15:59

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-279242-4

Matrix: Water | Lab File ID: J89599.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.44	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	2.5		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-279242-4

Matrix: Water | Lab File ID: J89599.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D
Lims ID: 460-279242-A-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 03-May-2023 00:28:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-4
Misc. Info.: 460-0159945-013
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 00:47:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.297	1.296	0.001	76	1245	0.4370	
24 Carbon disulfide	76	2.227	2.226	0.001	95	1935	0.2420	
* 30 TBA-d9 (IS)	65	2.404	2.403	0.001	75	205151	1000.0	
* 43 2-Butanone-d5	46	3.316	3.315	0.001	85	318020	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.747	0.001	95	129152	55.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.076	4.075	0.001	0	158301	57.6	
* 66 Fluorobenzene	96	4.338	4.337	0.001	98	519131	50.0	
* 72 1,4-Dioxane-d8	96	5.049	5.054	-0.005	0	18930	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.053	6.051	0.002	98	414546	50.5	
88 Tetrachloroethene	166	6.801	6.799	0.002	95	6197	2.51	
* 94 Chlorobenzene-d5	117	8.005	8.004	0.001	89	348789	50.0	
$ 105 4-Bromofluorobenzene	174	9.330	9.329	0.001	94	111633	47.7	
* 121 1,4-Dichlorobenzene-d4	152	10.376	10.381	-0.005	96	168848	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

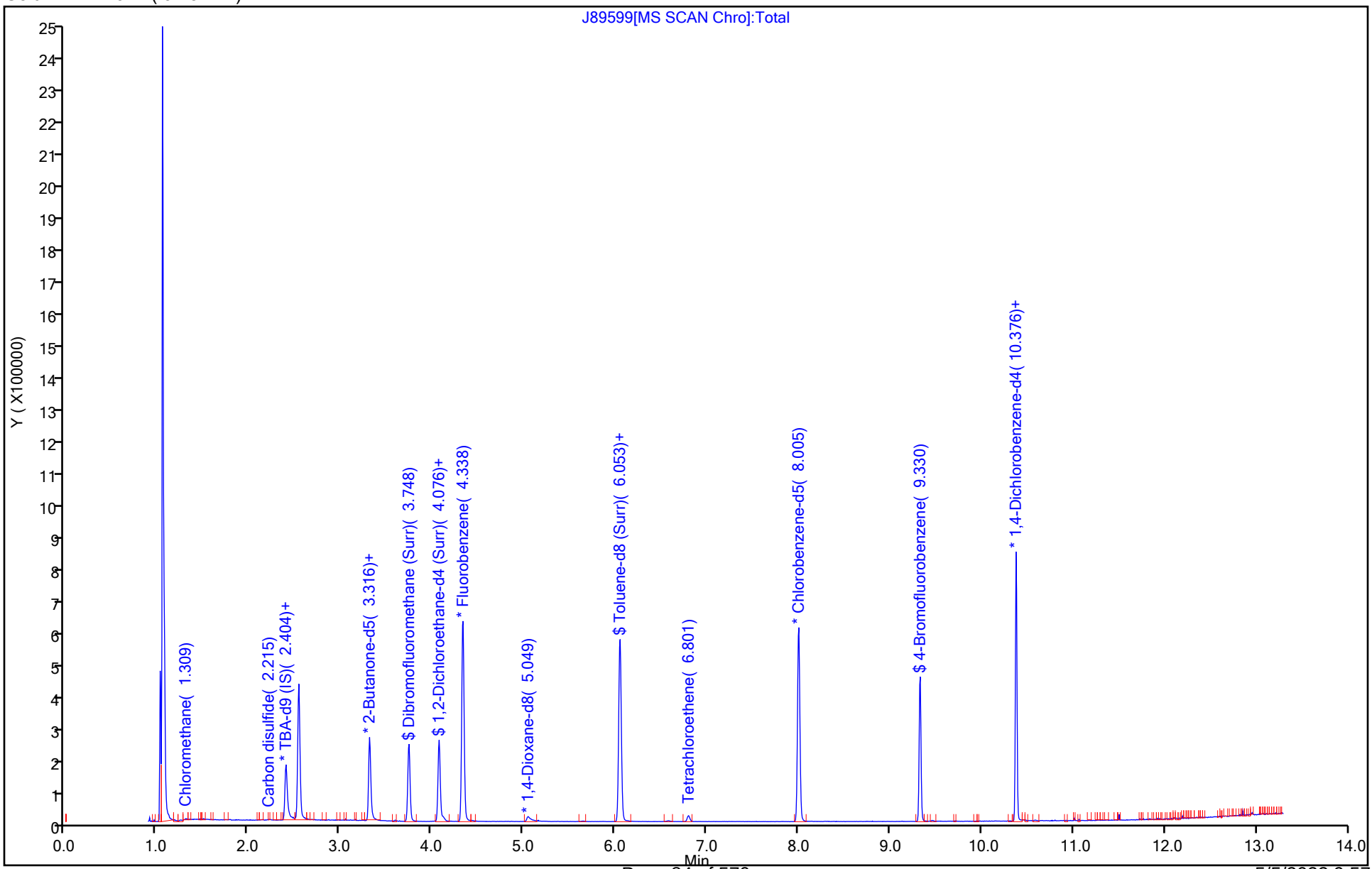
Report Date: 04-May-2023 15:59:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D

Injection Date:	03-May-2023 00:28:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-4	Lab Sample ID:	460-279242-4	Worklist Smp#:	13
Client ID:	MW-113				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D
Lims ID: 460-279242-A-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 03-May-2023 00:28:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-4
Misc. Info.: 460-0159945-013
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

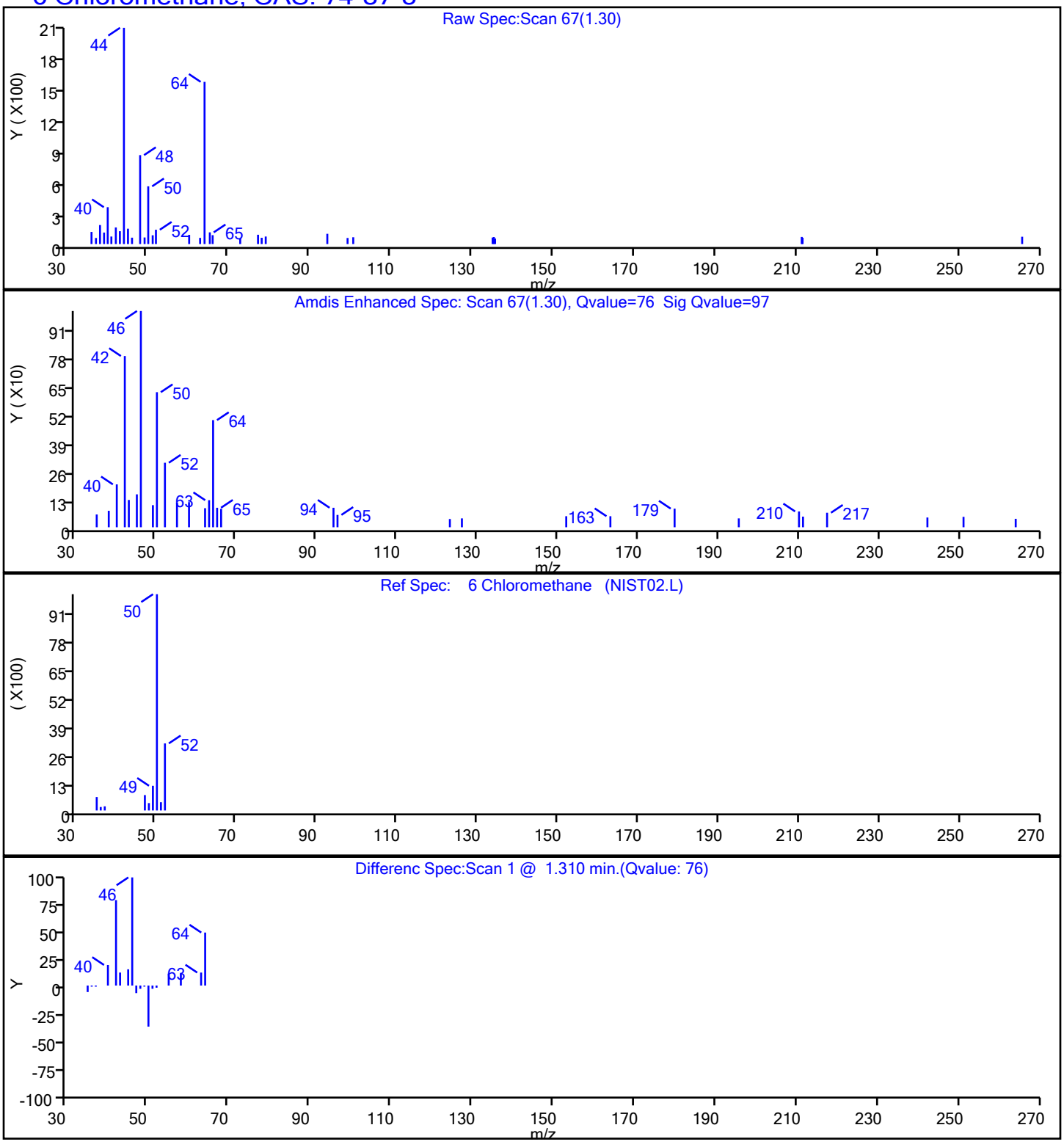
First Level Reviewer: HVW2 Date: 03-May-2023 00:47:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.1	110.19
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.6	115.17
$ 83 Toluene-d8 (Surr)	50.0	50.5	100.92
$ 105 4-Bromofluorobenzene	50.0	47.7	95.44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D
Injection Date: 03-May-2023 00:28:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-4 Lab Sample ID: 460-279242-4
Client ID: MW-113
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3



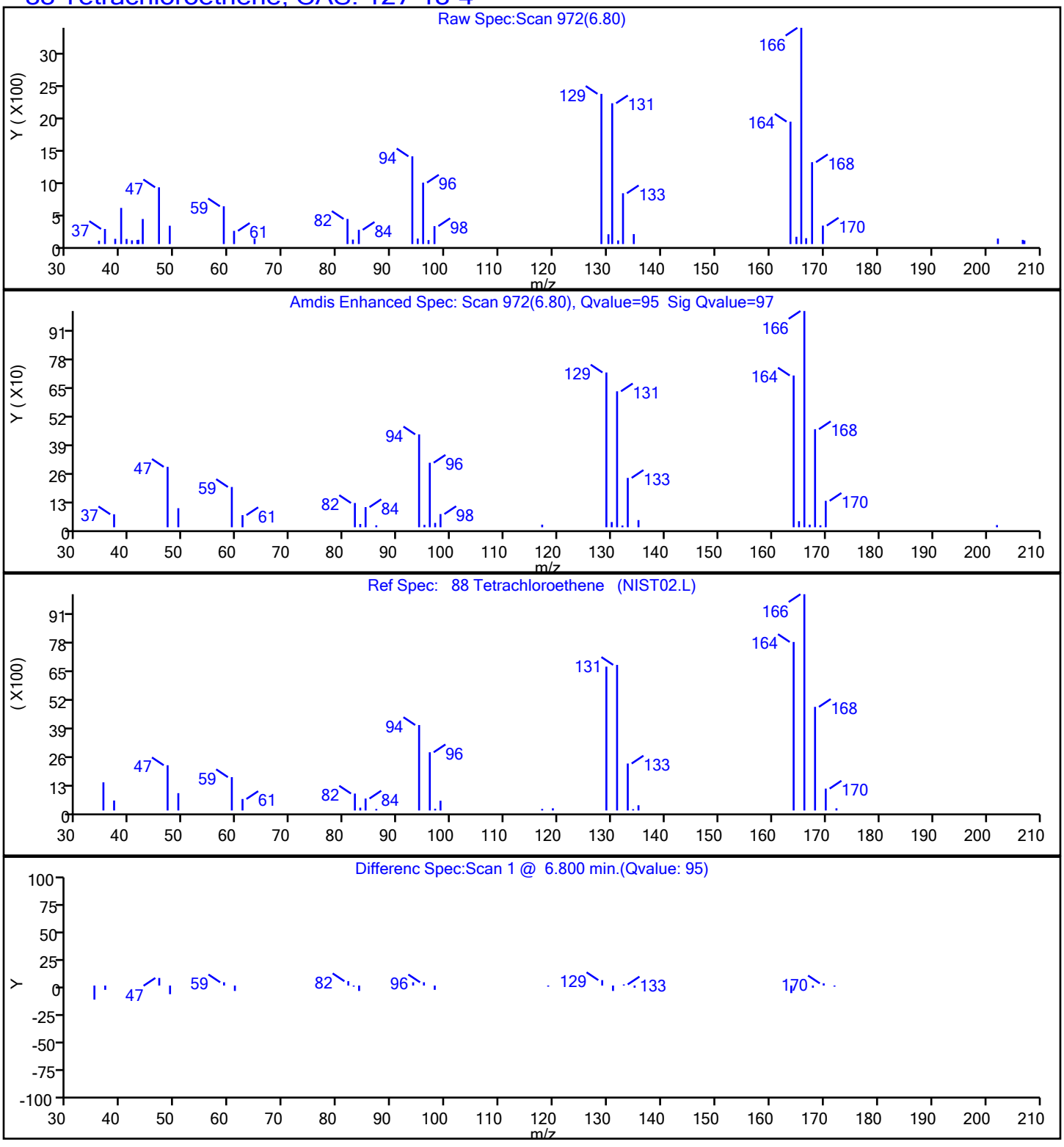
Report Date: 04-May-2023 15:59:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D

Injection Date:	03-May-2023 00:28:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-4	Lab Sample ID:	460-279242-4		
Client ID:	MW-113				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



5/5/2023 9:57 AM

Eurofins Edison

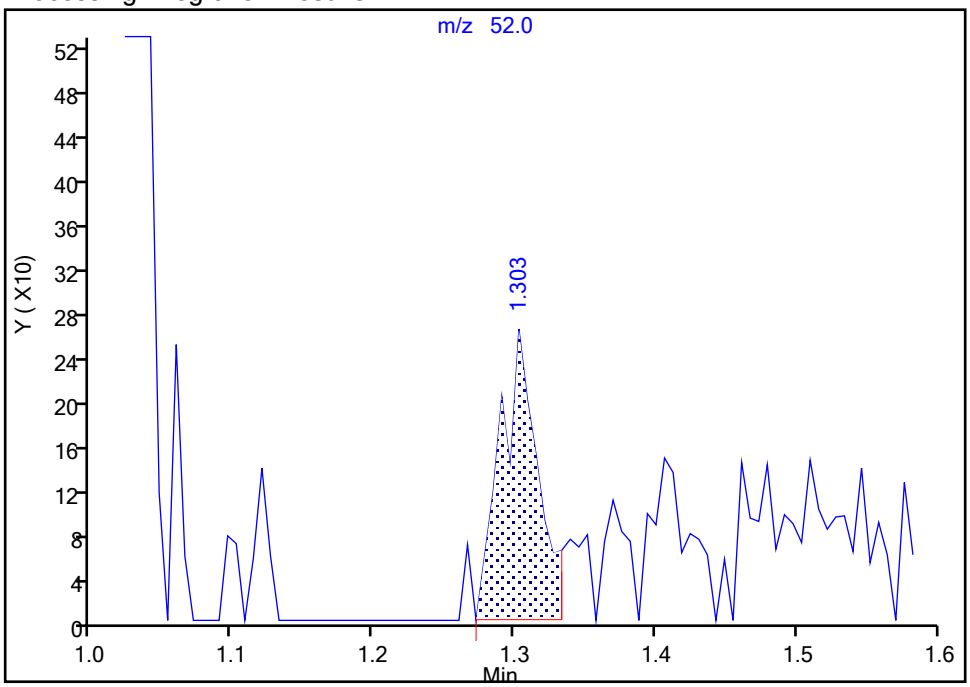
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89599.D
Injection Date: 03-May-2023 00:28:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-4 Lab Sample ID: 460-279242-4
Client ID: MW-113
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 2

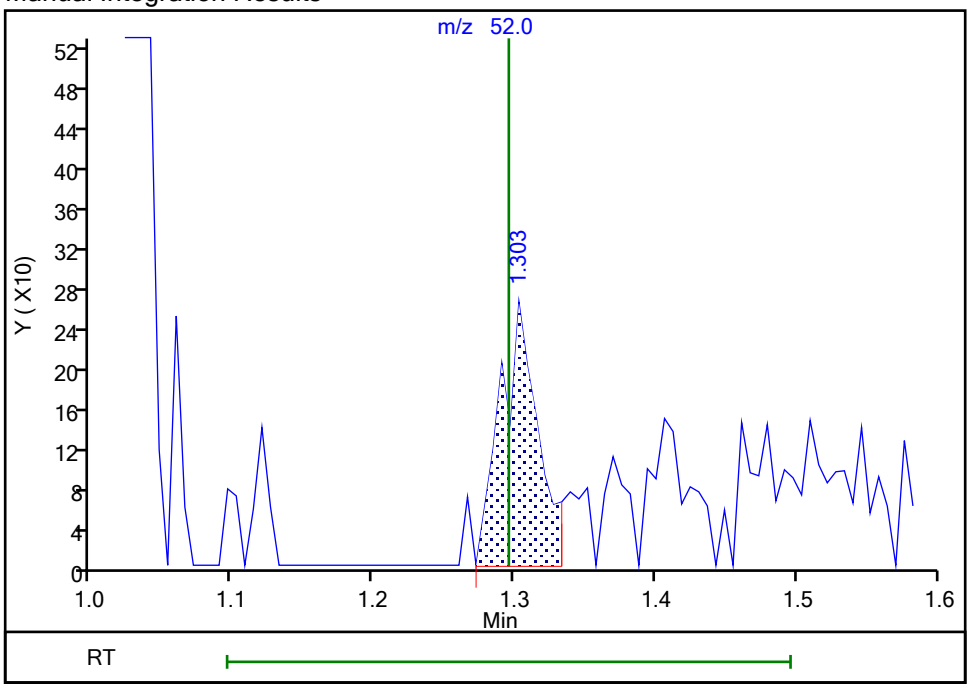
Processing Integration Results

RT: 1.30
Area: 487
Amount: 0.436963
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 487
Amount: 0.436963
Amount Units: ug/l



Reviewer: HVW2, 03-May-2023 00:47:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-279242-5

Matrix: Water | Lab File ID: J89600.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	19		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-279242-5

Matrix: Water | Lab File ID: J89600.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 00:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89600.D
Lims ID: 460-279242-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 03-May-2023 00:53:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-5
Misc. Info.: 460-0159945-014
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 01:21:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.228	2.226	0.002	98	1996	0.2472	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	75	211697	1000.0	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	85	344341	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.749	3.747	0.002	95	129142	54.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	161431	58.1	
* 66 Fluorobenzene	96	4.338	4.337	0.001	98	524364	50.0	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20790	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.053	6.051	0.002	98	412595	48.3	
88 Tetrachloroethene	166	6.801	6.799	0.002	96	48492	18.9	
* 94 Chlorobenzene-d5	117	8.005	8.004	0.001	88	362315	50.0	
$ 105 4-Bromofluorobenzene	174	9.331	9.329	0.002	95	109709	45.1	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.381	-0.004	96	171342	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

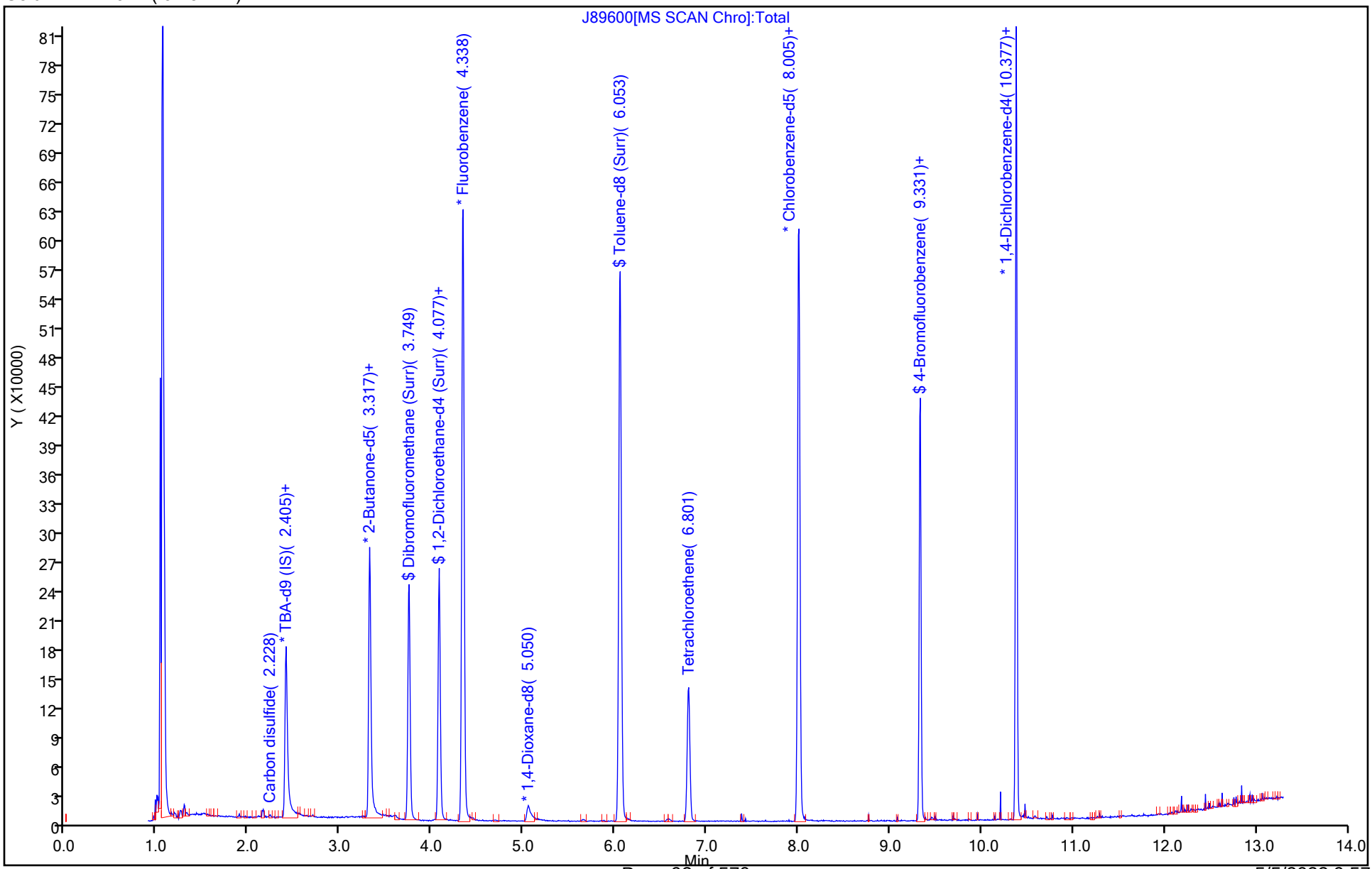
Report Date: 04-May-2023 16:00:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89600.D

Injection Date:	03-May-2023 00:53:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-5	Lab Sample ID:	460-279242-5	Worklist Smp#:	14
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89600.D
Lims ID: 460-279242-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 03-May-2023 00:53:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-5
Misc. Info.: 460-0159945-014
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

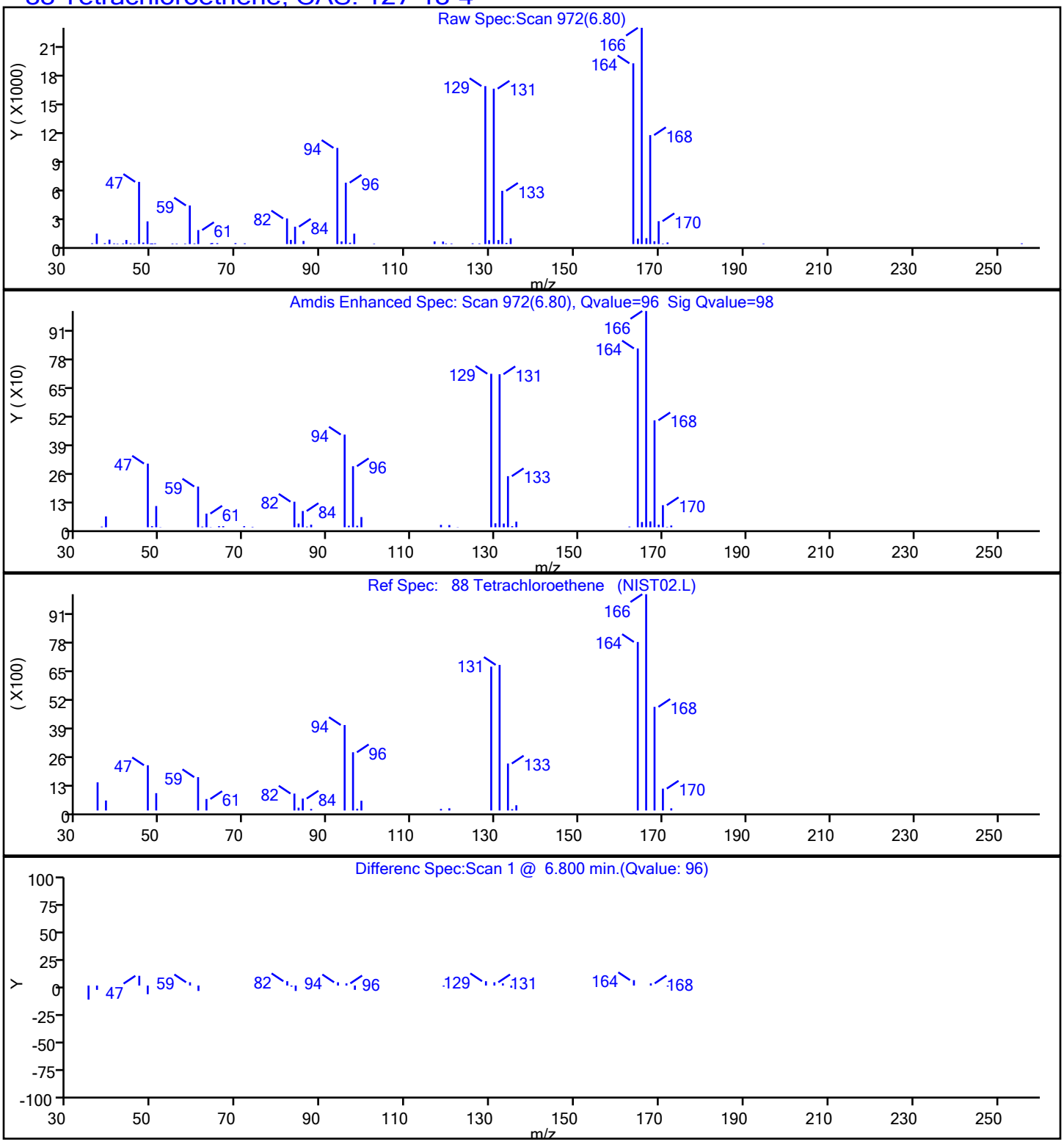
First Level Reviewer: HVW2 Date: 03-May-2023 01:21:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.5	109.08
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.1	116.28
$ 83 Toluene-d8 (Surr)	50.0	48.3	96.70
$ 105 4-Bromofluorobenzene	50.0	45.1	90.30

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89600.D
Injection Date: 03-May-2023 00:53:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-5 Lab Sample ID: 460-279242-5
Client ID: A-02
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



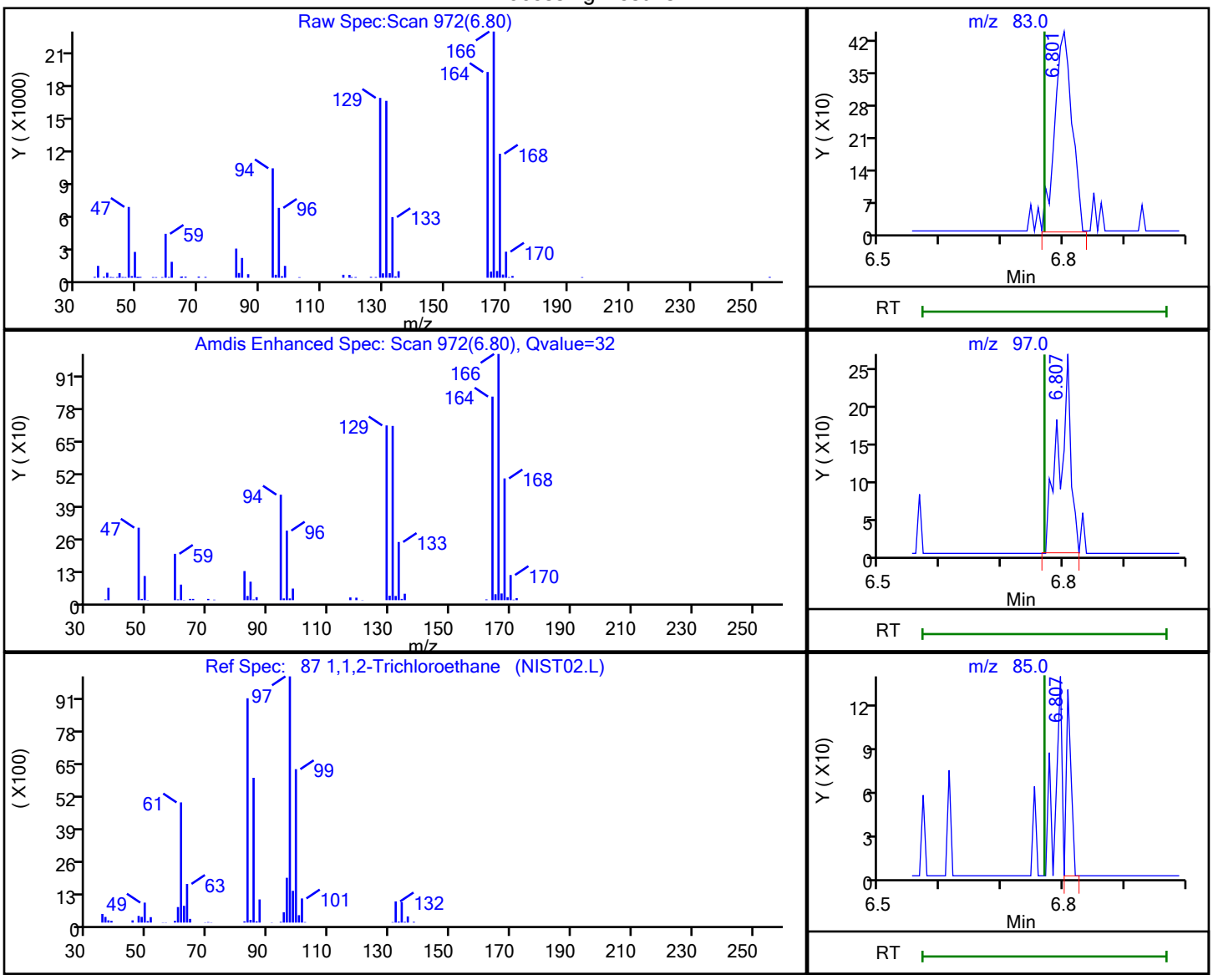
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89600.D				
Injection Date:	03-May-2023 00:53:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-5	Lab Sample ID:	460-279242-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	850	0.410410
6.81	97.00	367	
6.81	85.00	68	

Reviewer: HVW2, 03-May-2023 01:16:22

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-279242-6

Matrix: Water | Lab File ID: J89611.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 05:29

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U *	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	12		10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	1.3	J	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	420		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	0.64	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-279242-6

Matrix: Water | Lab File ID: J89611.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 05:29

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D
Lims ID: 460-279242-A-6
Client ID: A-06
Sample Type: Client
Inject. Date: 03-May-2023 05:29:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-A-6
Misc. Info.: 460-0159945-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: XE5L Date: 04-May-2023 16:04:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.298	1.296	0.002	94	1923	0.6585	
22 Acetone	43	2.143	2.141	0.002	86	4550	6.00	
24 Carbon disulfide	76	2.228	2.226	0.002	94	1426	0.1740	
* 30 TBA-d9 (IS)	65	2.404	2.403	0.001	75	197705	1000.0	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	85	310516	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.747	0.001	95	131011	54.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	168387	59.8	
* 66 Fluorobenzene	96	4.338	4.337	0.001	97	532076	50.0	
68 Trichloroethene	95	4.685	4.683	0.002	83	927	0.3186	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20093	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.053	6.051	0.002	98	414500	49.7	
88 Tetrachloroethene	166	6.801	6.799	0.002	97	523622	209.2	
* 94 Chlorobenzene-d5	117	8.005	8.004	0.001	88	353897	50.0	
$ 105 4-Bromofluorobenzene	174	9.331	9.329	0.002	93	112603	47.4	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.381	-0.004	96	163168	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

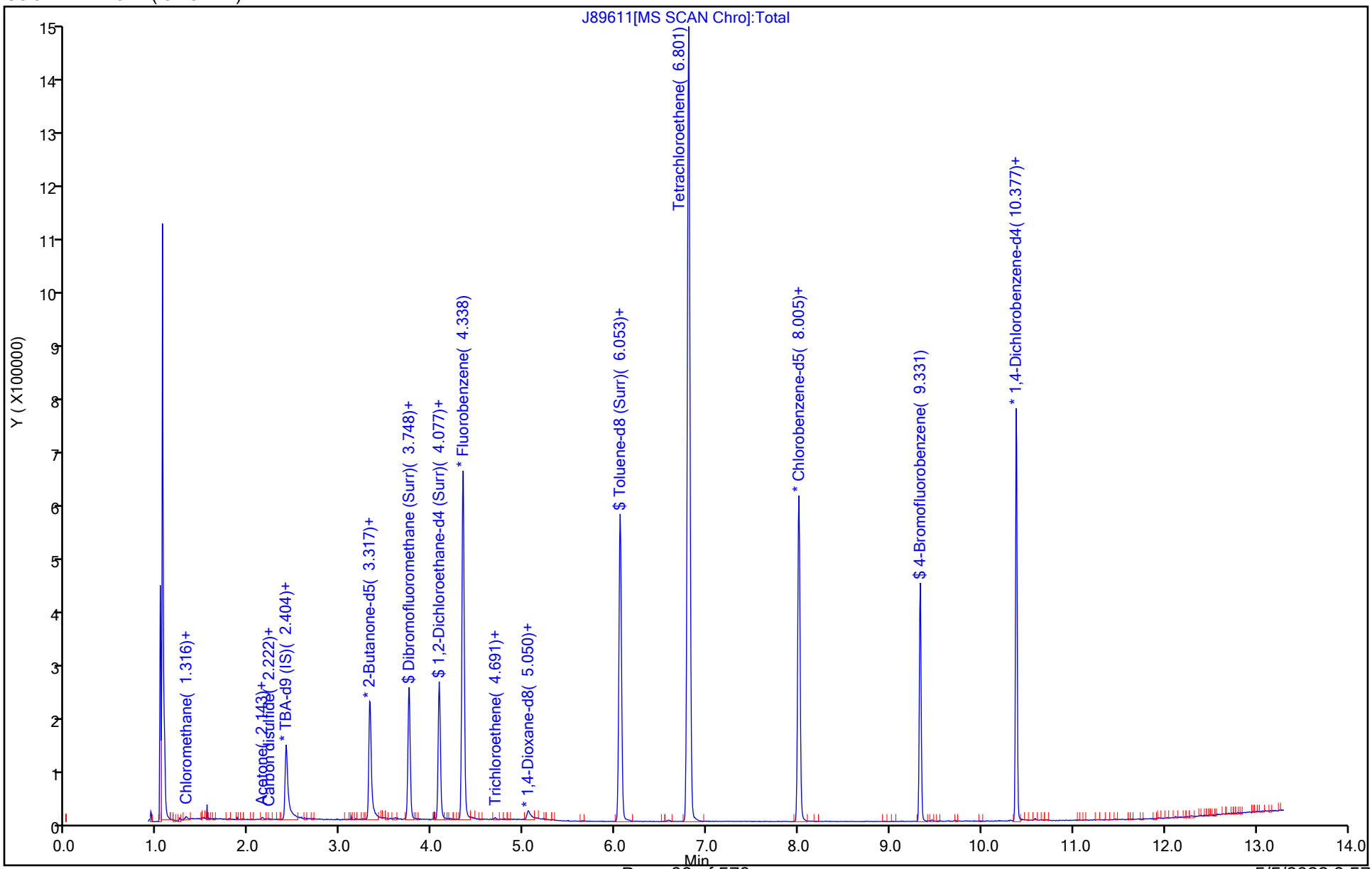
Report Date: 04-May-2023 16:04:01 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D

Injection Date:	03-May-2023 05:29:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-6	Lab Sample ID:	460-279242-6	Worklist Smp#:	25
Client ID:	A-06				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D
Lims ID: 460-279242-A-6
Client ID: A-06
Sample Type: Client
Inject. Date: 03-May-2023 05:29:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-A-6
Misc. Info.: 460-0159945-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

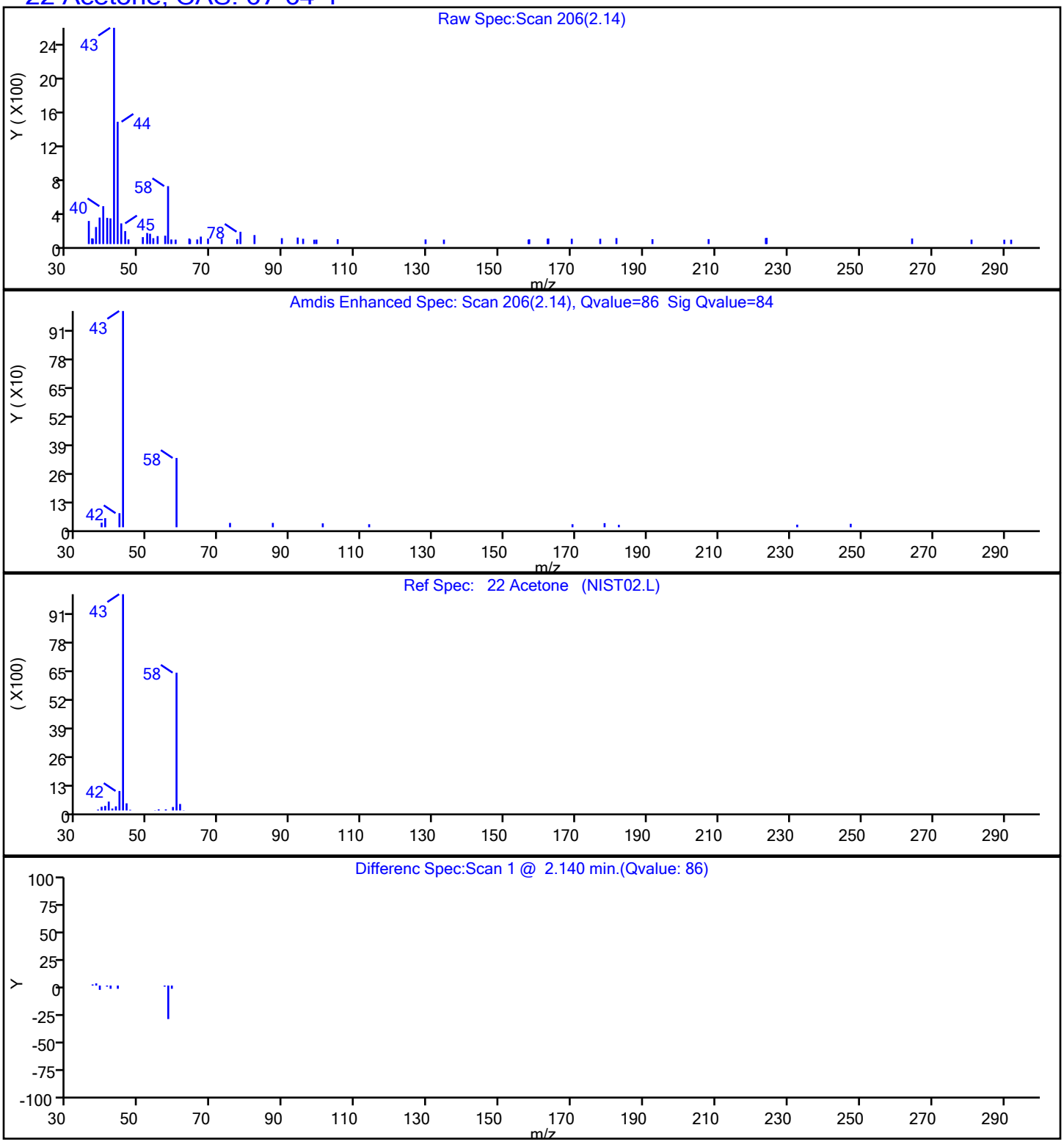
First Level Reviewer: XE5L Date: 04-May-2023 16:04:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.5	109.05
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.8	119.53
$ 83 Toluene-d8 (Surr)	50.0	49.7	99.45
$ 105 4-Bromofluorobenzene	50.0	47.4	94.88

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D
Injection Date: 03-May-2023 05:29:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-6 Lab Sample ID: 460-279242-6
Client ID: A-06
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

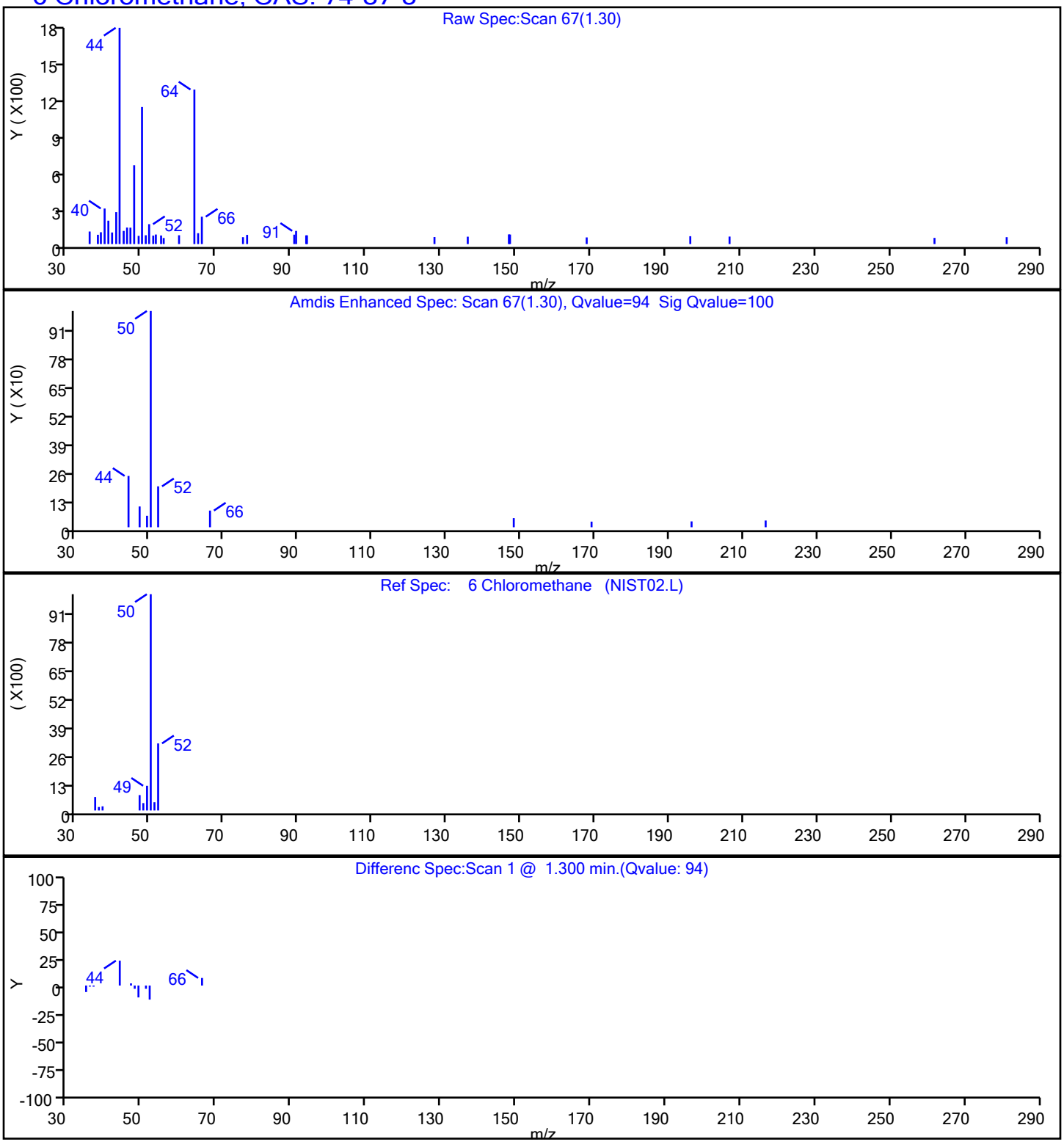
22 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D				
Injection Date:	03-May-2023 05:29:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-6	Lab Sample ID:	460-279242-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

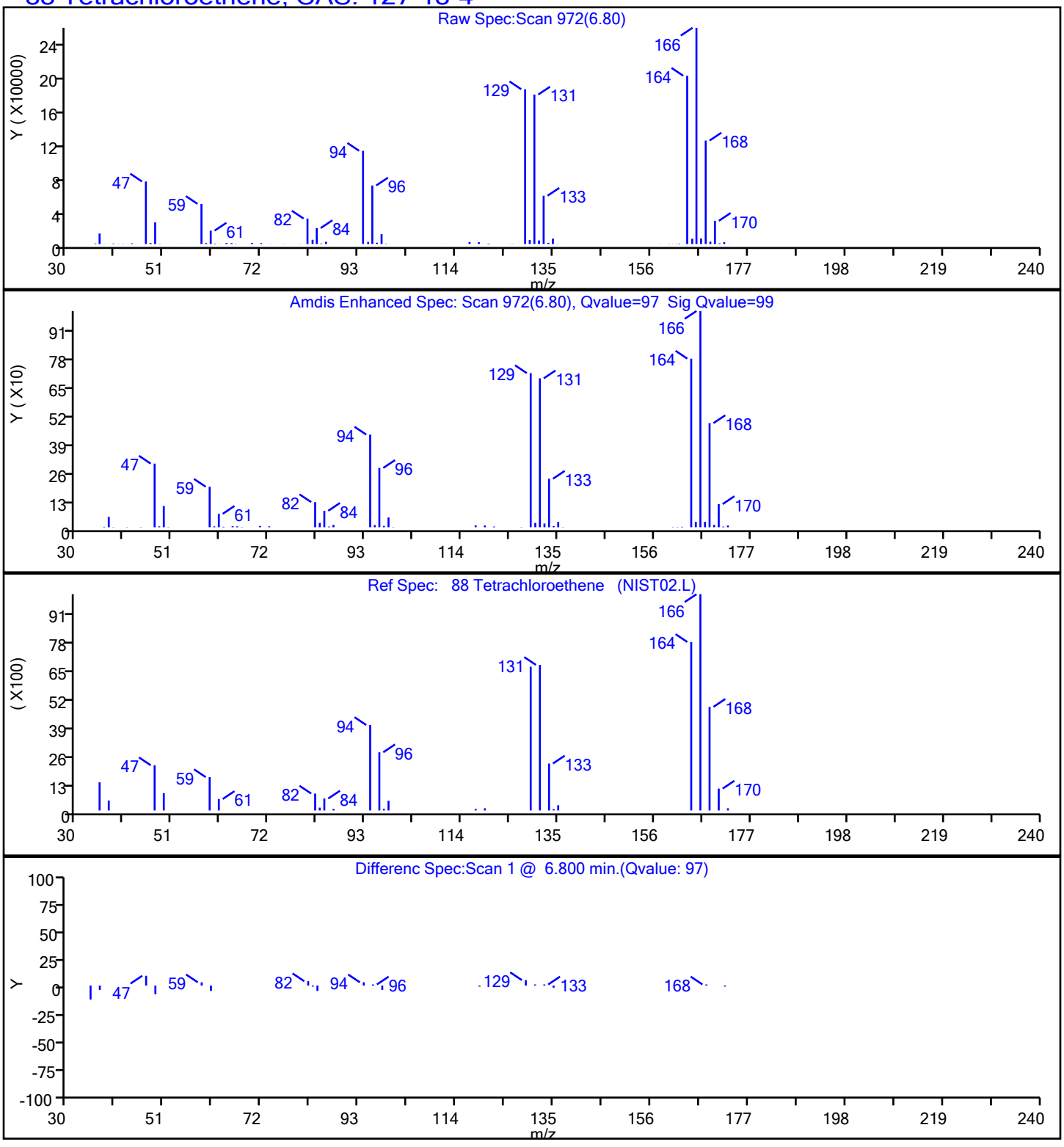
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D				
Injection Date:	03-May-2023 05:29:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-6	Lab Sample ID:	460-279242-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



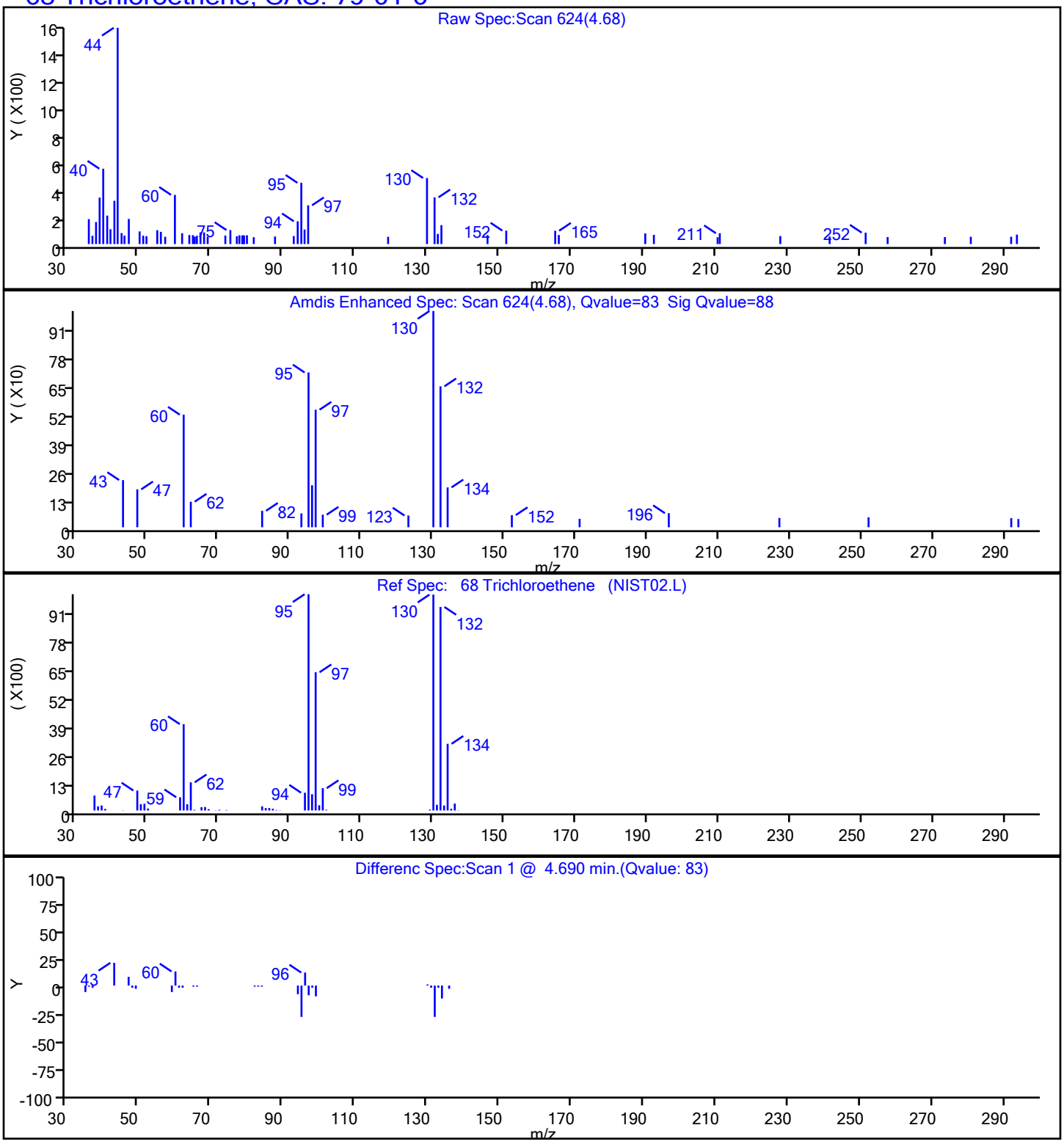
Report Date: 04-May-2023 16:04:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D

Injection Date:	03-May-2023 05:29:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-6	Lab Sample ID:	460-279242-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6



5/5/2023 9:57 AM

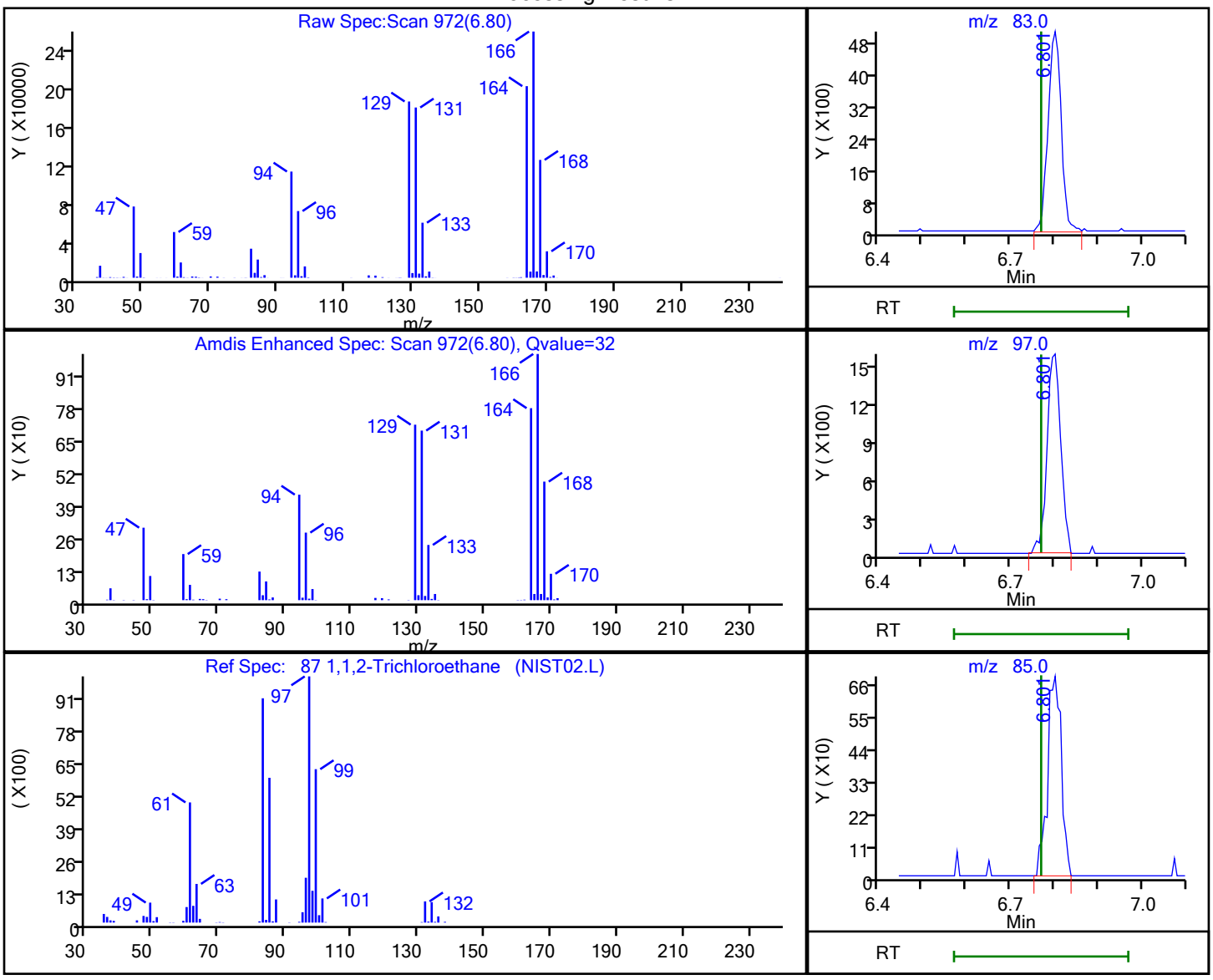
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89611.D				
Injection Date:	03-May-2023 05:29:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-6	Lab Sample ID:	460-279242-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	10398	5.139938
6.80	97.00	3442	
6.80	85.00	1500	

Reviewer: KG2Q, 03-May-2023 09:52:23

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-279242-7

Matrix: Water | Lab File ID: J89612.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:01

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 05:54

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U *	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	11		10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	1.1	J	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	410		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	2.0	U	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-066 Lab Sample ID: 460-279242-7

Matrix: Water Lab File ID: J89612.D

Analysis Method: 8260D Date Collected: 04/27/2023 10:01

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2023 05:54

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D
Lims ID: 460-279242-A-7
Client ID: A-066
Sample Type: Client
Inject. Date: 03-May-2023 05:54:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-A-7
Misc. Info.: 460-0159945-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 16:04:32 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 03-May-2023 09:52:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.294	1.296	-0.002	99	1633	0.5647	a
22 Acetone	43	2.146	2.141	0.005	84	4295	5.37	
24 Carbon disulfide	76	2.225	2.226	-0.001	95	1282	0.1580	
* 30 TBA-d9 (IS)	65	2.407	2.403	0.004	75	208976	1000.0	
* 43 2-Butanone-d5	46	3.320	3.315	0.005	85	327146	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.747	-0.002	95	131262	55.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	165331	59.3	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	98	526865	50.0	
* 72 1,4-Dioxane-d8	96	5.047	5.054	-0.007	0	19575	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.056	6.051	0.005	98	415205	49.3	
88 Tetrachloroethene	166	6.804	6.799	0.005	97	523890	207.0	
* 94 Chlorobenzene-d5	117	8.008	8.004	0.004	88	357870	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	93	111084	46.3	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	170857	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

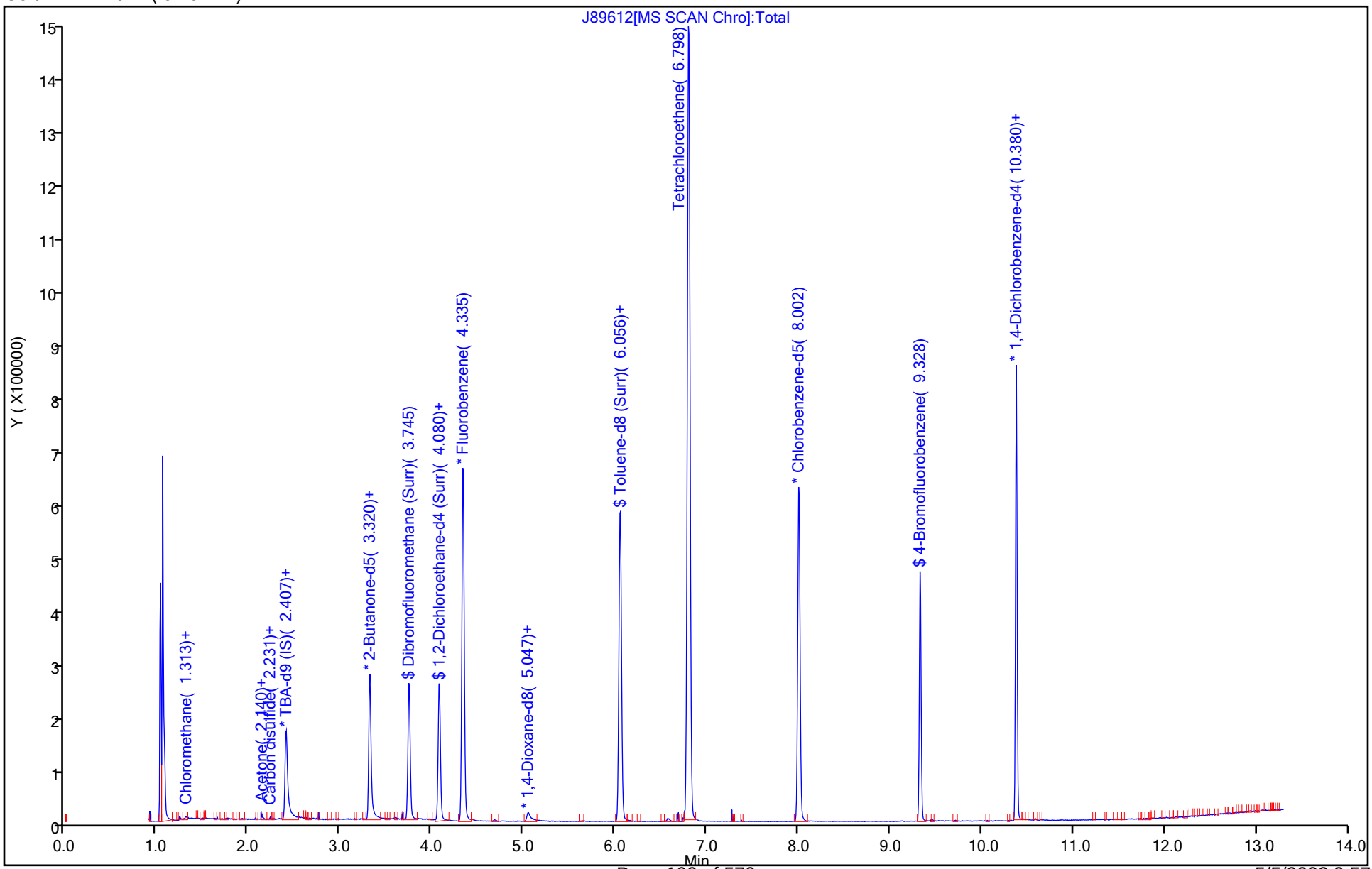
Report Date: 04-May-2023 16:04:34 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D

Injection Date:	03-May-2023 05:54:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-7	Lab Sample ID:	460-279242-7	Worklist Smp#:	26
Client ID:	A-066				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D
Lims ID: 460-279242-A-7
Client ID: A-066
Sample Type: Client
Inject. Date: 03-May-2023 05:54:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-A-7
Misc. Info.: 460-0159945-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 16:04:32 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

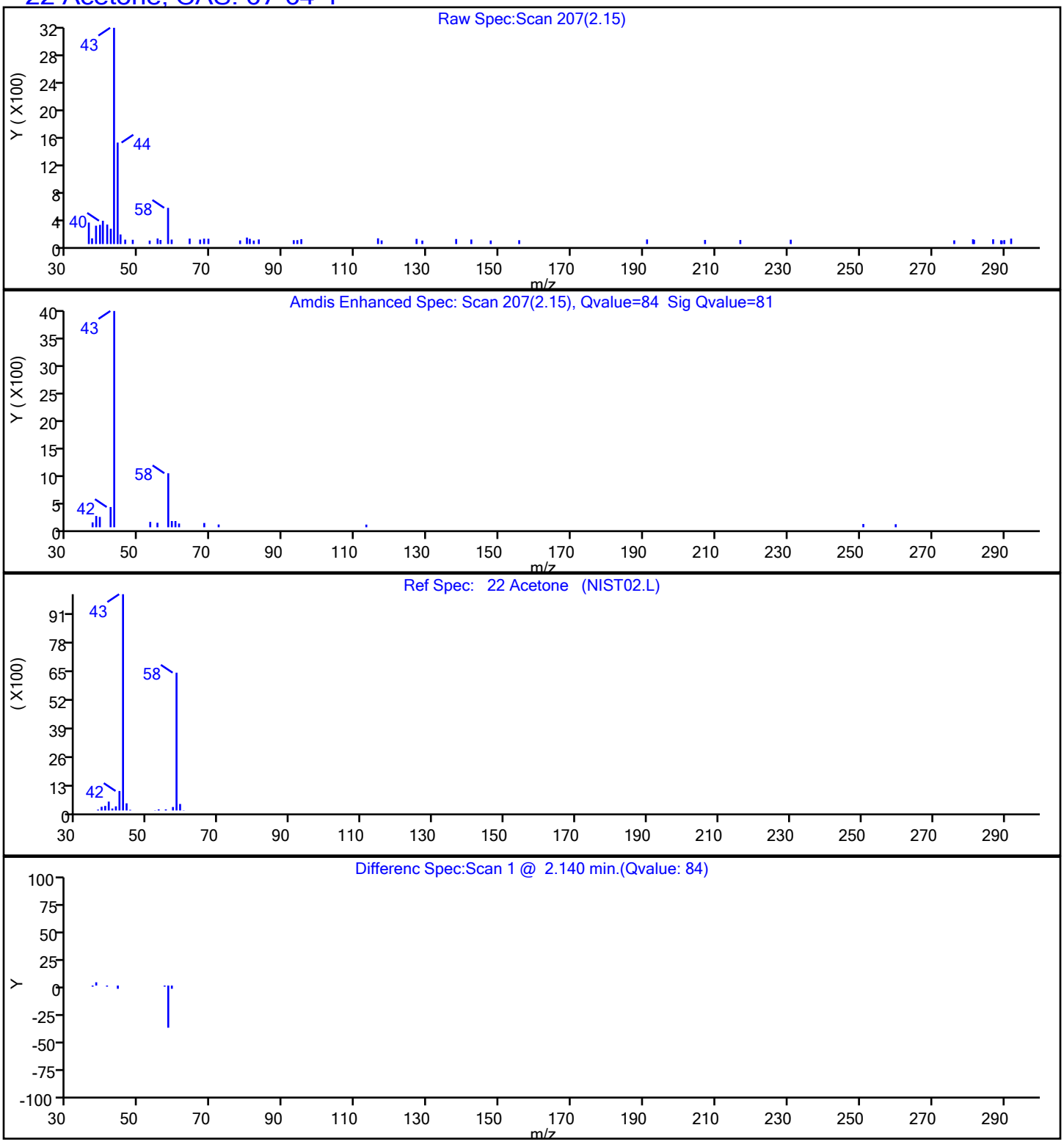
First Level Reviewer: KG2Q Date: 03-May-2023 09:52:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.2	110.34
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.3	118.52
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.52
$ 105 4-Bromofluorobenzene	50.0	46.3	92.56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D
Injection Date: 03-May-2023 05:54:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-7 Lab Sample ID: 460-279242-7
Client ID: A-066
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

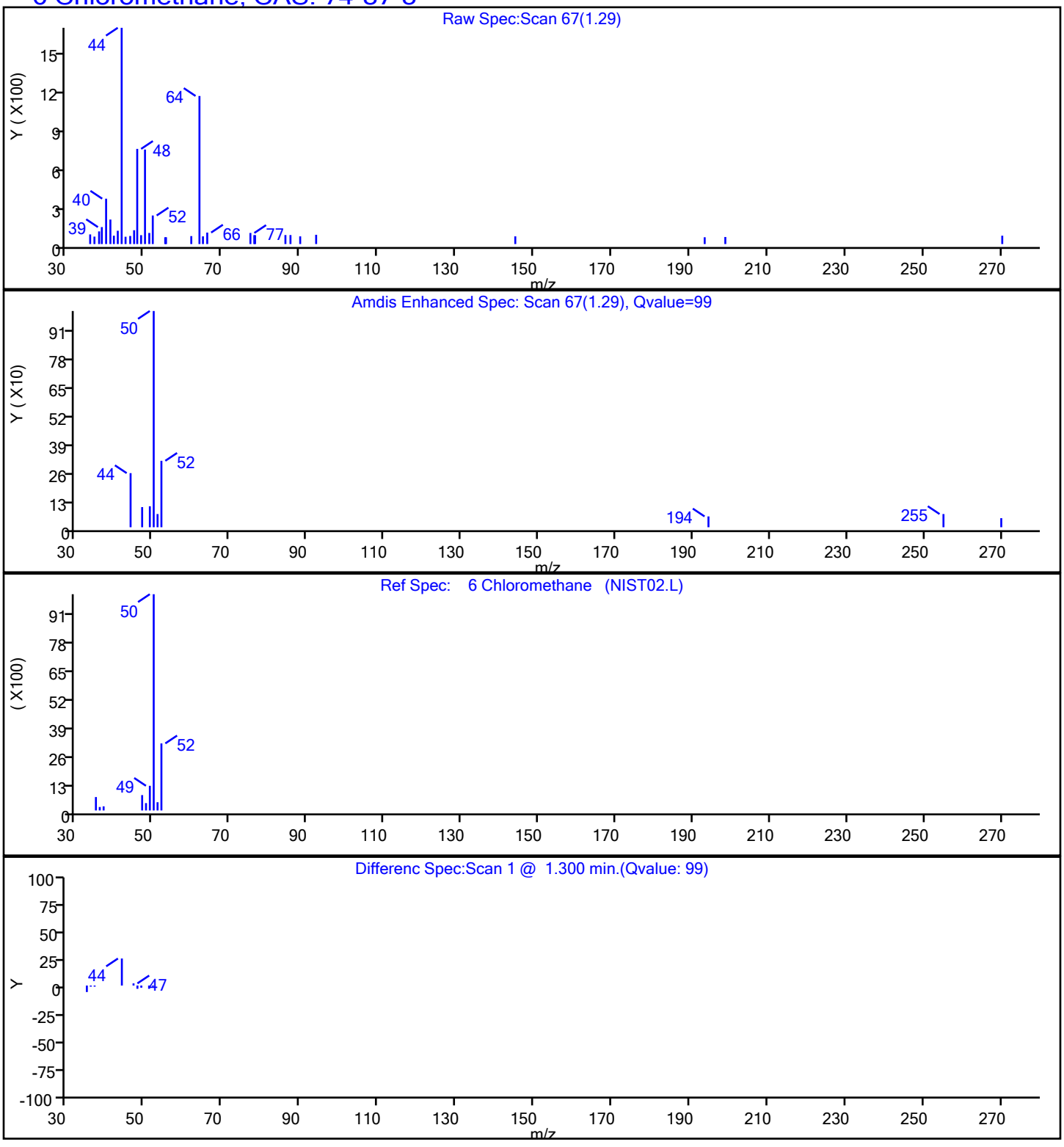
22 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D				
Injection Date:	03-May-2023 05:54:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-7	Lab Sample ID:	460-279242-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

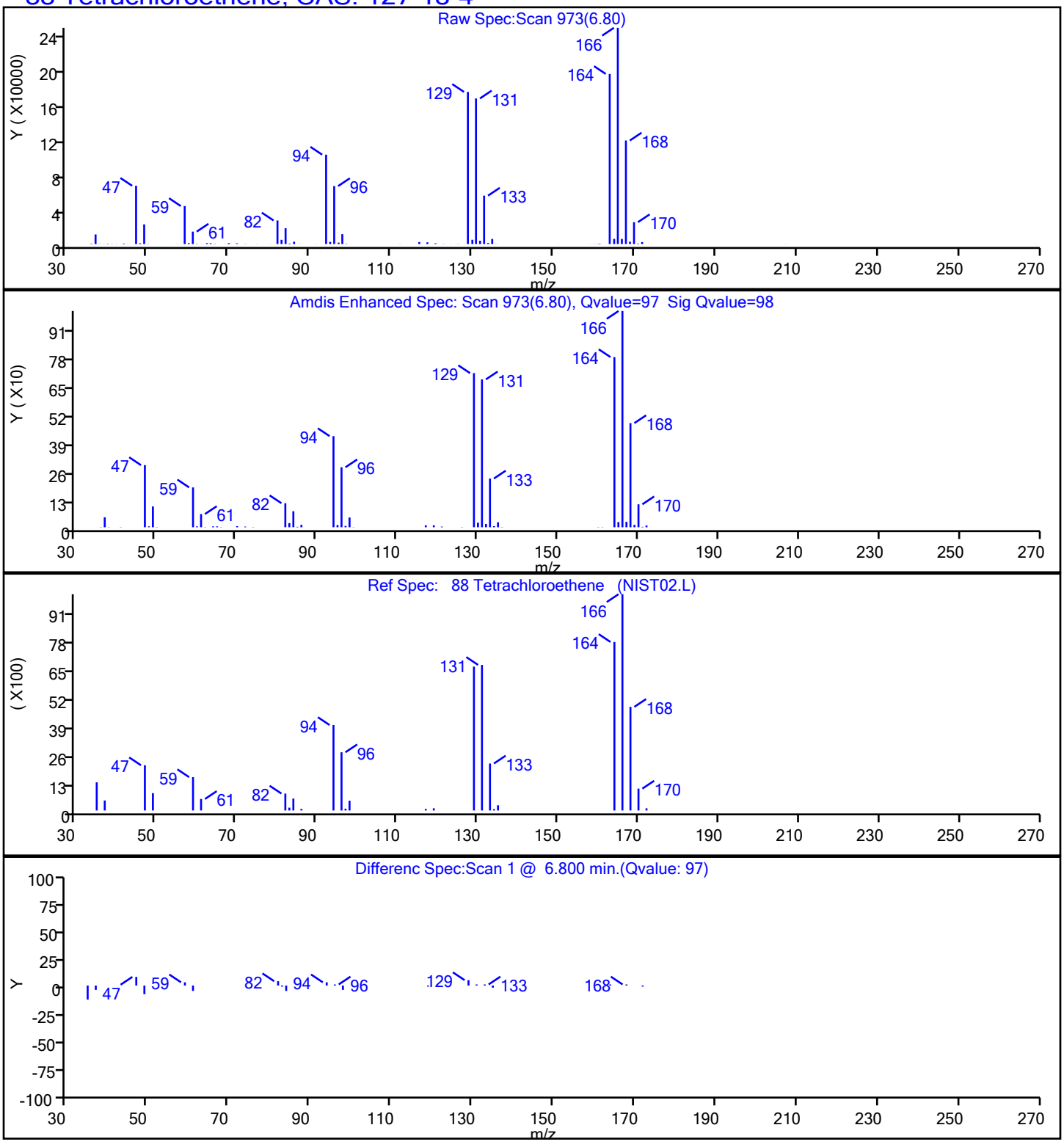
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D
Injection Date: 03-May-2023 05:54:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-7 Lab Sample ID: 460-279242-7
Client ID: A-066
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



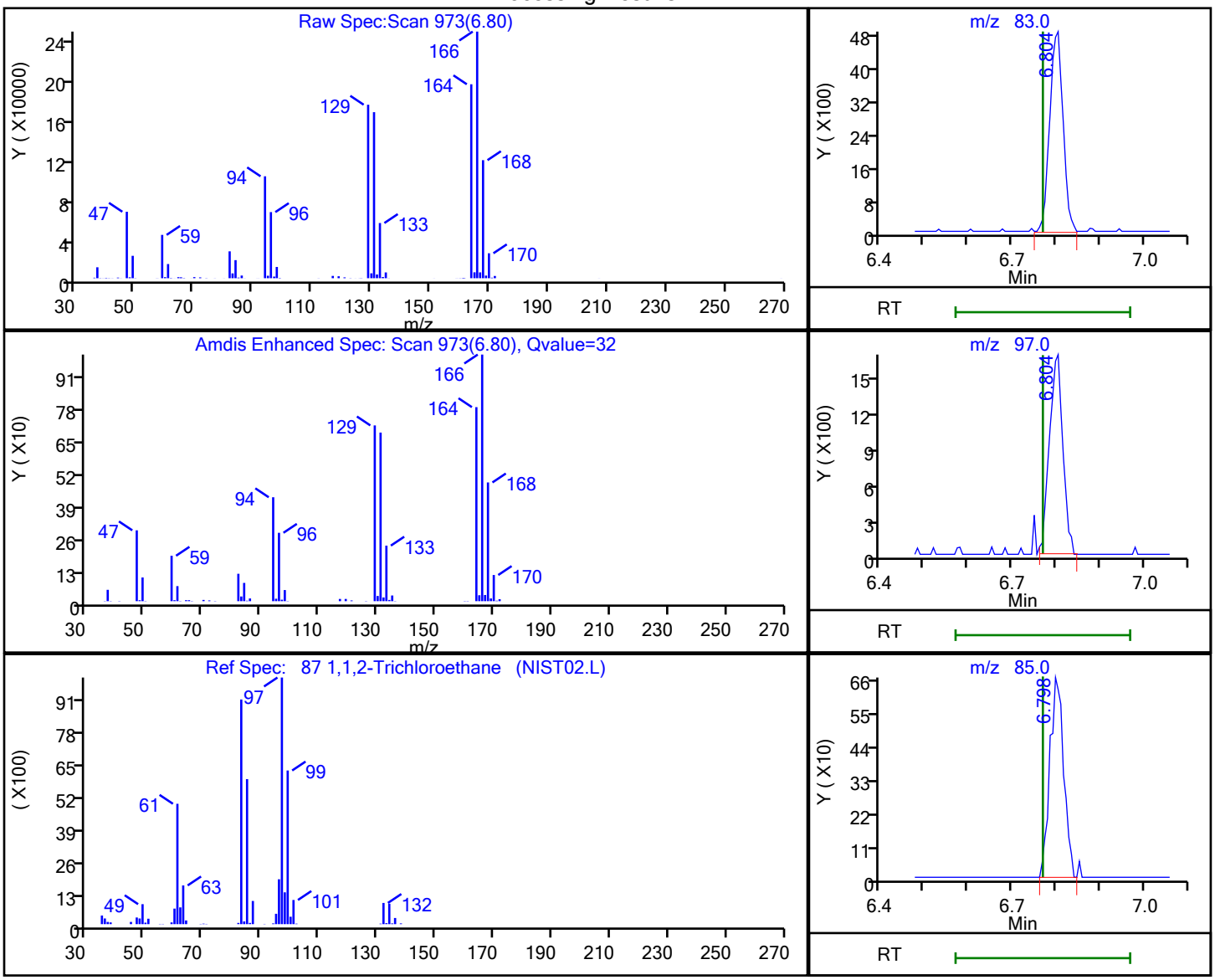
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D		
Injection Date:	03-May-2023 05:54:30	Instrument ID:	CVOAMS8
Lims ID:	460-279242-A-7	Lab Sample ID:	460-279242-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	10302	5.035948
6.80	97.00	3499	
6.80	85.00	1455	

Reviewer: KG2Q, 03-May-2023 09:52:44

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

Eurofins Edison

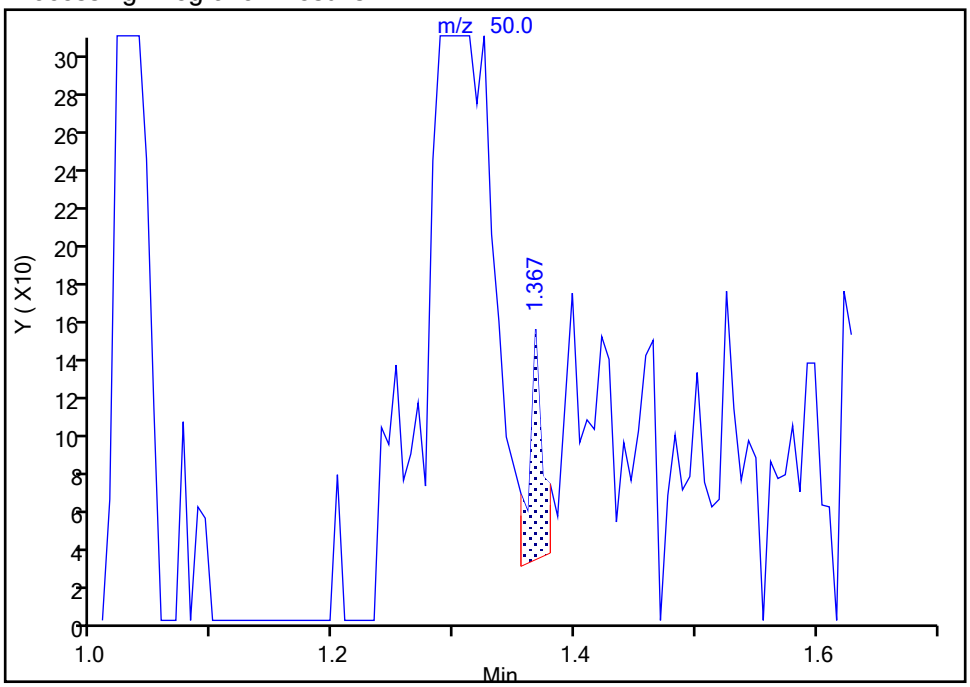
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89612.D
Injection Date: 03-May-2023 05:54:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-7 Lab Sample ID: 460-279242-7
Client ID: A-066
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

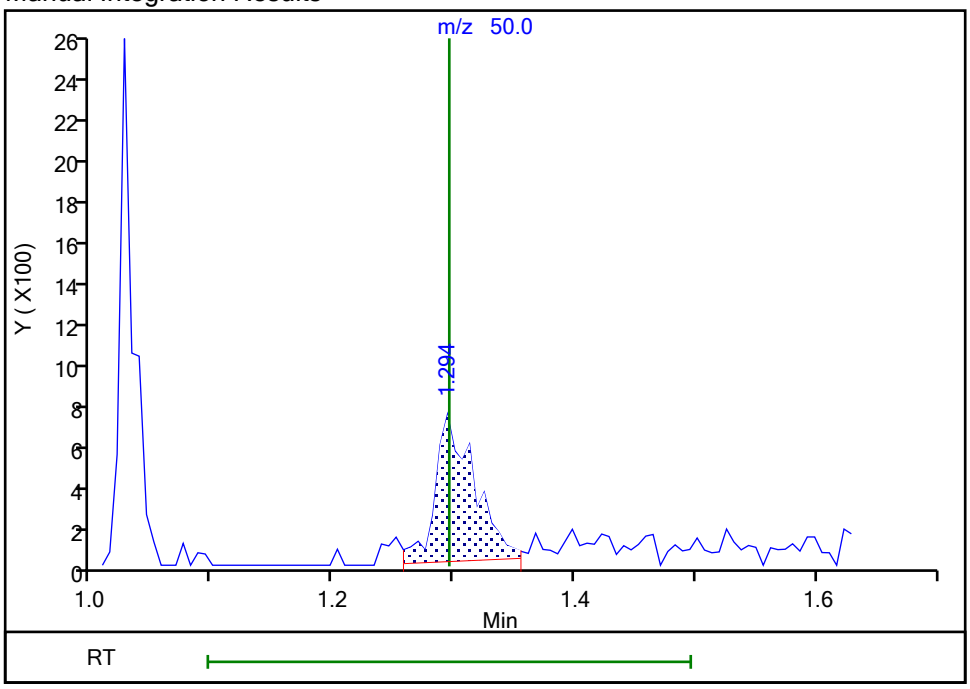
Processing Integration Results

RT: 1.37
Area: 97
Amount: 0.033545
Amount Units: ug/l



Manual Integration Results

RT: 1.29
Area: 1633
Amount: 0.564727
Amount Units: ug/l



Reviewer: XE5L, 04-May-2023 16:04:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-279242-8

Matrix: Water | Lab File ID: J89640.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 17:19

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	1.2	J	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	830		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	1.2	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-279242-8

Matrix: Water | Lab File ID: J89640.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 17:19

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D
Lims ID: 460-279242-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 03-May-2023 17:19:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-B-8
Misc. Info.: 460-0159967-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 04-May-2023 02:15:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.291	1.295	-0.004	97	1726	0.5963	
* 30 TBA-d9 (IS)	65	2.404	2.401	0.003	75	207473	1000.0	
* 43 2-Butanone-d5	46	3.316	3.314	0.002	85	327133	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.748	3.745	0.003	95	130231	54.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.076	4.074	0.002	0	160444	57.5	
* 66 Fluorobenzene	96	4.338	4.335	0.003	98	527379	50.0	
68 Trichloroethene	95	4.690	4.682	0.008	92	1750	0.6069	
* 72 1,4-Dioxane-d8	96	5.043	5.047	-0.004	0	21036	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.053	6.050	0.003	98	426788	49.4	
88 Tetrachloroethene	166	6.801	6.798	0.003	98	1075156	414.3	
* 94 Chlorobenzene-d5	117	8.005	8.002	0.003	88	366967	50.0	
$ 105 4-Bromofluorobenzene	174	9.330	9.328	0.002	96	119235	48.4	
* 121 1,4-Dichlorobenzene-d4	152	10.376	10.380	-0.004	96	182250	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

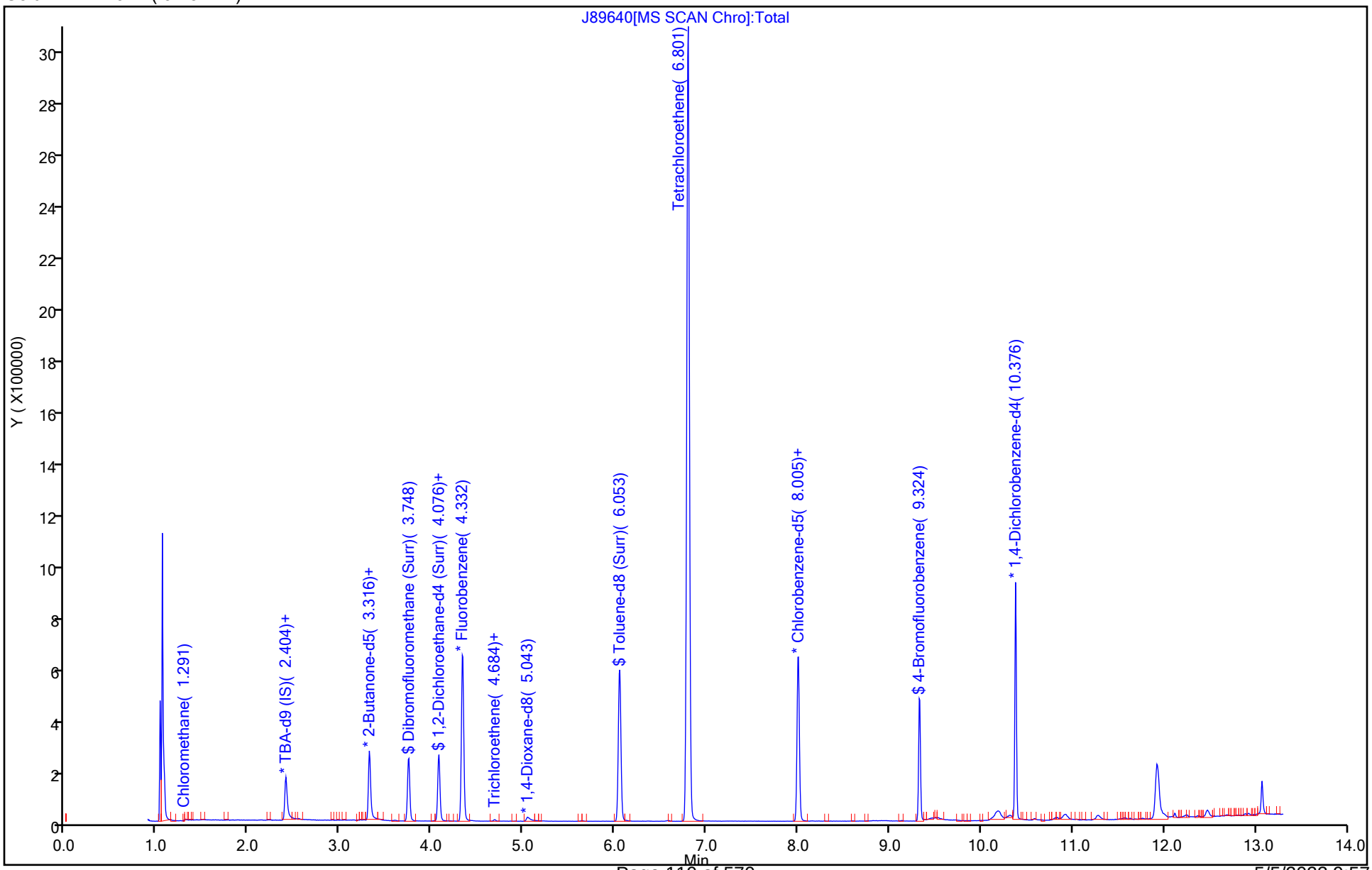
Report Date: 04-May-2023 12:42:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D

Injection Date:	03-May-2023 17:19:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-B-8	Lab Sample ID:	460-279242-8	Worklist Smp#:	26
Client ID:	A-08				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D
Lims ID: 460-279242-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 03-May-2023 17:19:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-279242-B-8
Misc. Info.: 460-0159967-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 12:32:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1671

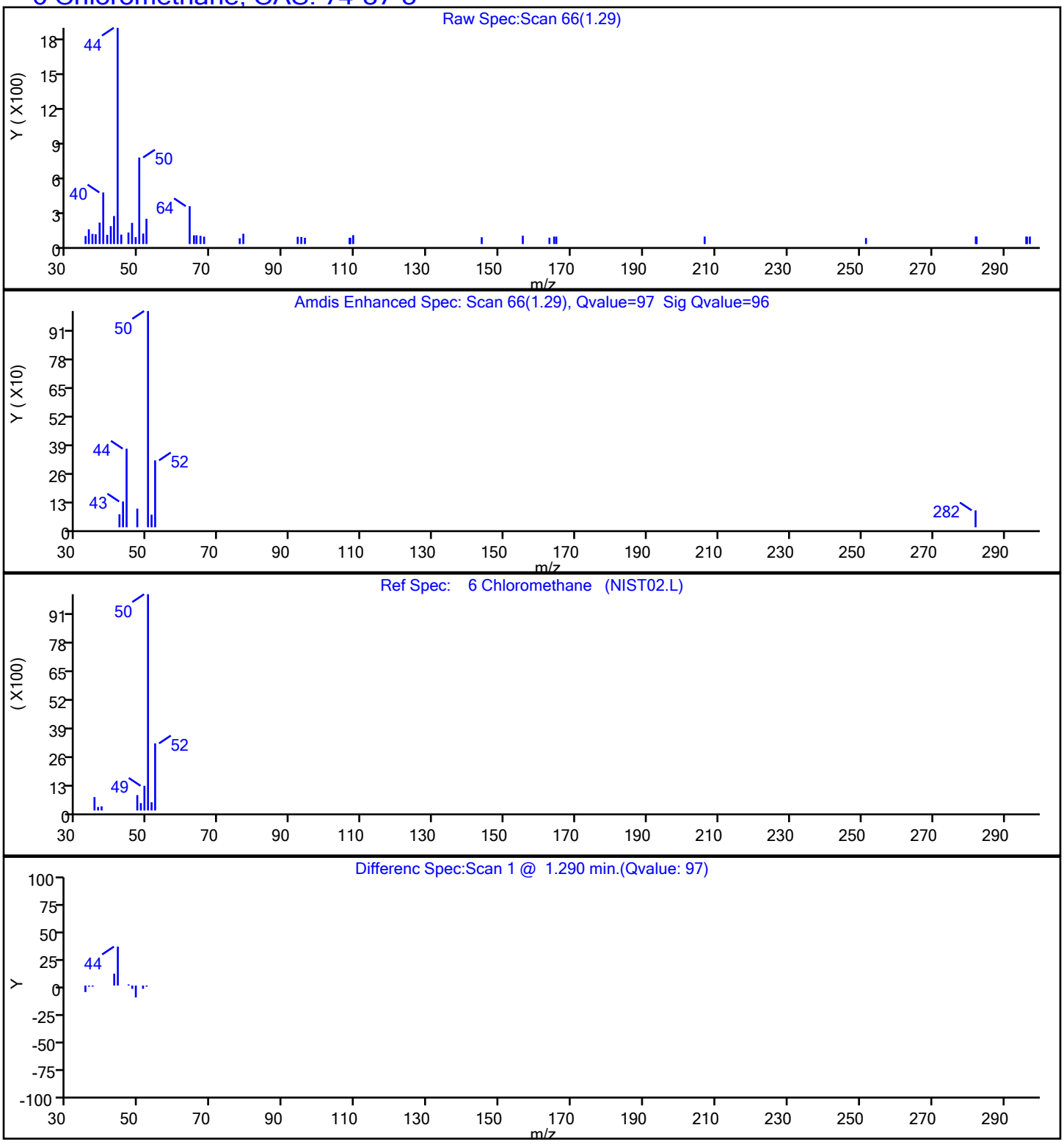
First Level Reviewer: HVW2 Date: 04-May-2023 02:15:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.7	109.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.5	114.90
$ 83 Toluene-d8 (Surr)	50.0	49.4	98.75
$ 105 4-Bromofluorobenzene	50.0	48.4	96.89

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D
Injection Date: 03-May-2023 17:19:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-B-8 Lab Sample ID: 460-279242-8
Client ID: A-08
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

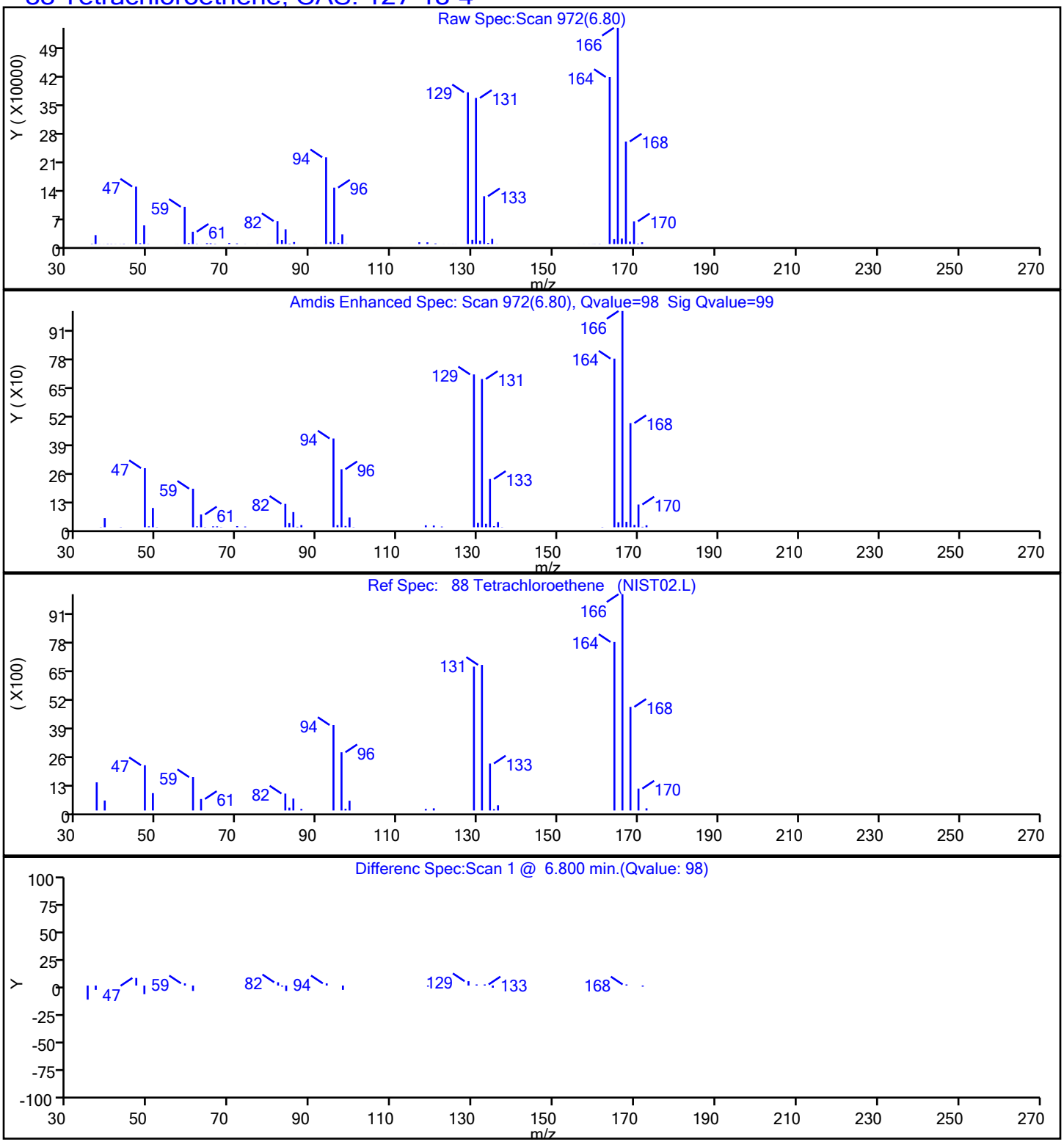
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D		
Injection Date:	03-May-2023 17:19:30	Instrument ID:	CVOAMS8
Lims ID:	460-279242-B-8	Lab Sample ID:	460-279242-8
Client ID:	A-08		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



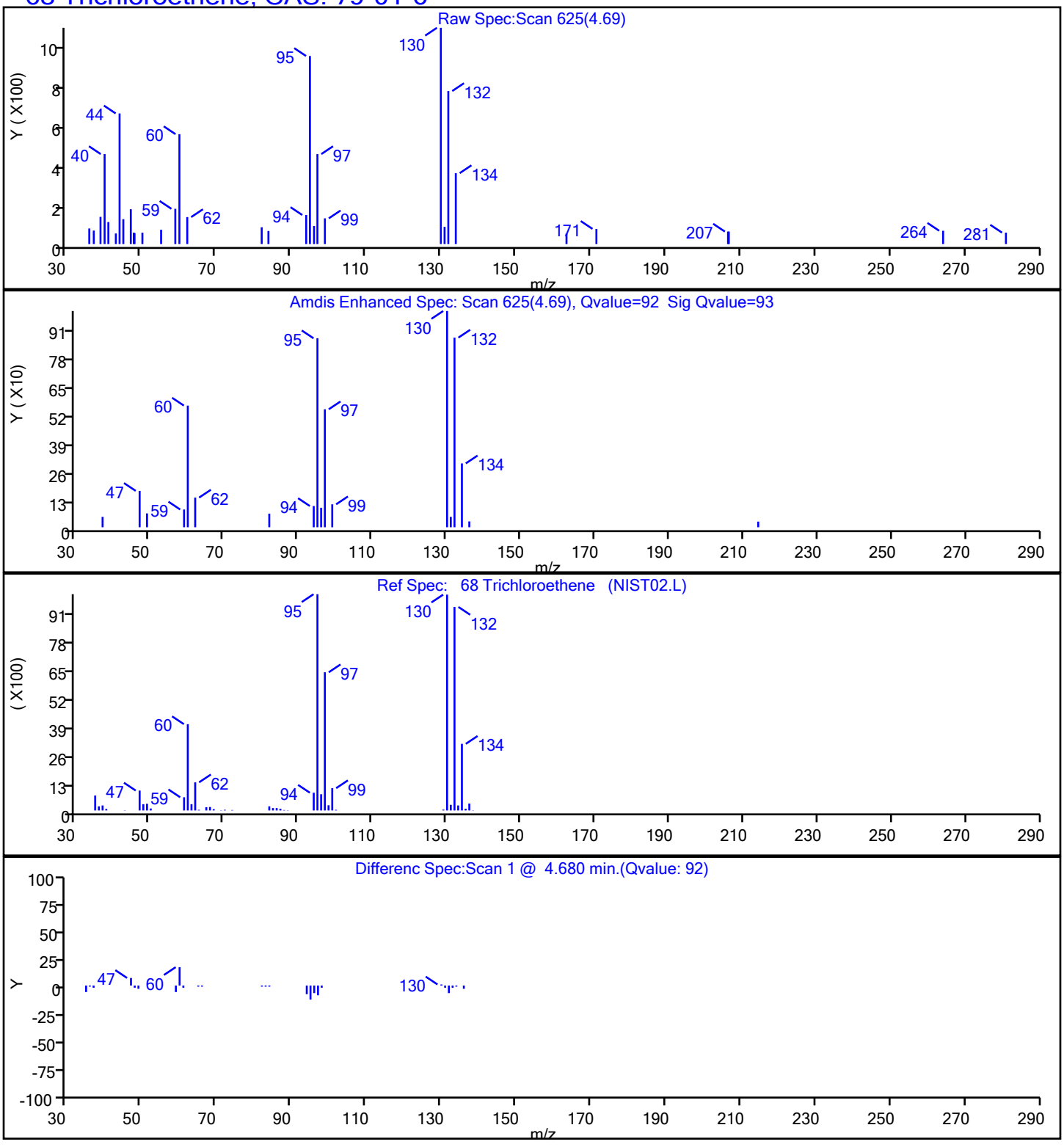
Report Date: 04-May-2023 12:42:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D

Injection Date:	03-May-2023 17:19:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-8	Lab Sample ID:	460-279242-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6



5/5/2023 9:57 AM

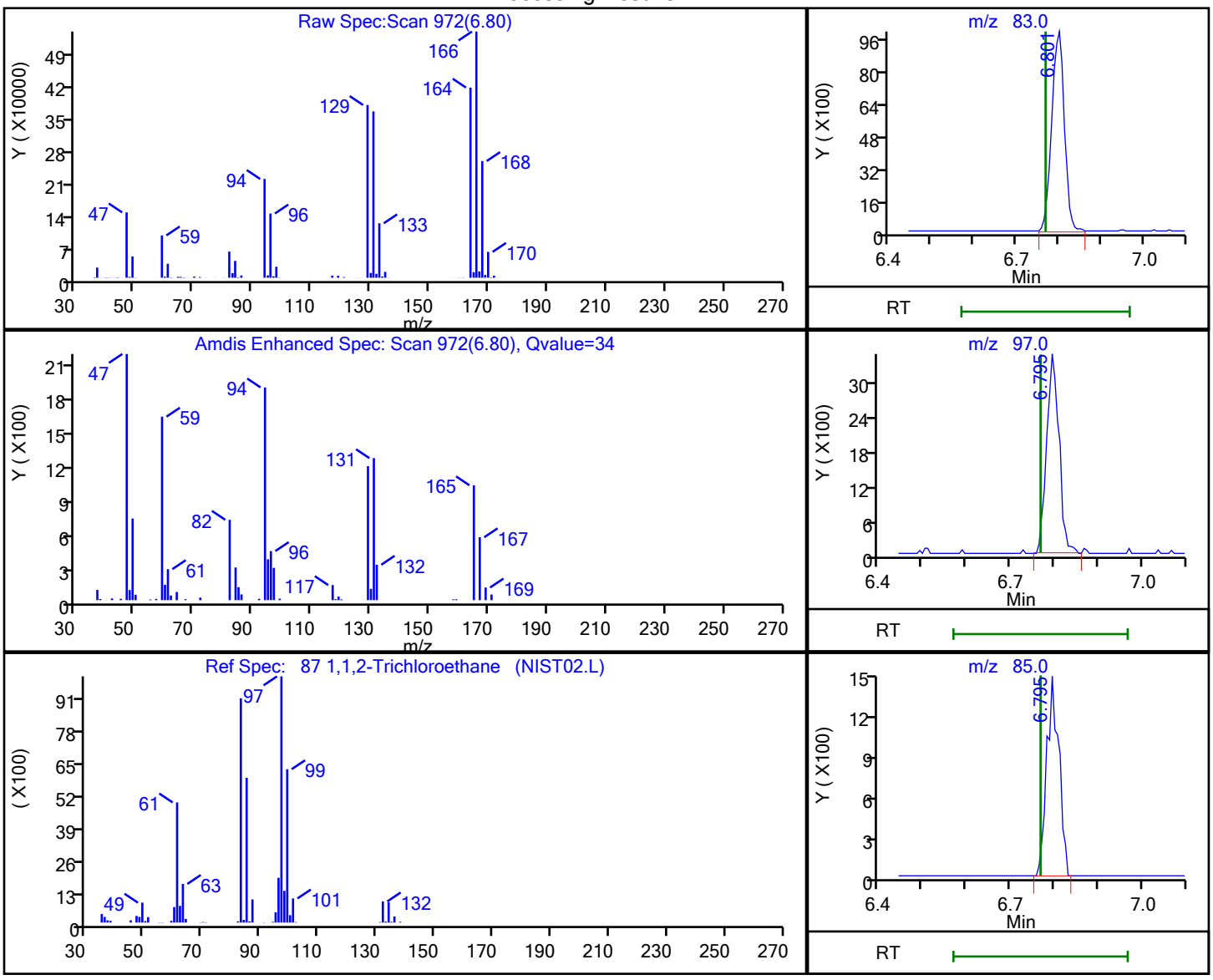
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D				
Injection Date:	03-May-2023 17:19:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-B-8	Lab Sample ID:	460-279242-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	20872	9.949975
6.79	97.00	6865	
6.79	85.00	2746	

Reviewer: HVW2, 04-May-2023 02:15:40

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

Eurofins Edison

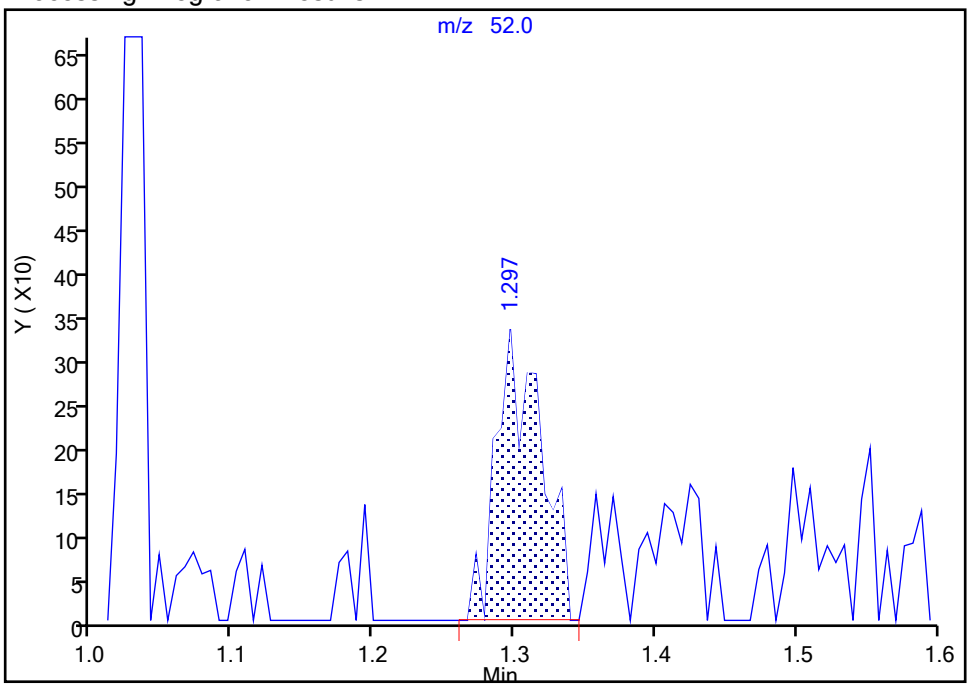
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89640.D
Injection Date: 03-May-2023 17:19:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-B-8 Lab Sample ID: 460-279242-8
Client ID: A-08
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 2

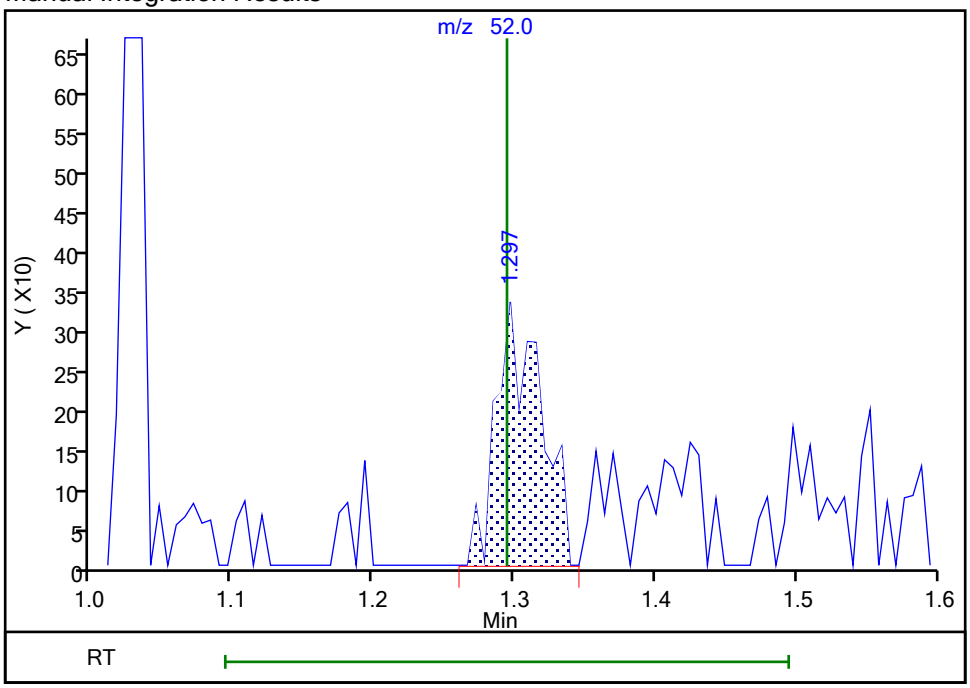
Processing Integration Results

RT: 1.30
Area: 732
Amount: 0.596307
Amount Units: ug/l



Manual Integration Results

RT: 1.30
Area: 732
Amount: 0.596307
Amount Units: ug/l



Reviewer: HVW2, 04-May-2023 02:15:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-279242-9

Matrix: Water | Lab File ID: J89601.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 01:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	21		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-279242-9

Matrix: Water | Lab File ID: J89601.D

Analysis Method: 8260D | Date Collected: 04/27/2023 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 01:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89601.D
Lims ID: 460-279242-A-9
Client ID: A-07
Sample Type: Client
Inject. Date: 03-May-2023 01:18:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-9
Misc. Info.: 460-0159945-015
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 01:41:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.228	2.226	0.002	95	1398	0.1746	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	75	221289	1000.0	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	85	342623	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.749	3.747	0.002	96	130889	55.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	163595	59.4	
* 66 Fluorobenzene	96	4.339	4.337	0.002	98	519830	50.0	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20375	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.054	6.051	0.003	98	415649	49.5	
88 Tetrachloroethene	166	6.802	6.799	0.003	96	53491	21.2	
* 94 Chlorobenzene-d5	117	8.006	8.004	0.002	88	356186	50.0	
$ 105 4-Bromofluorobenzene	174	9.331	9.329	0.002	94	112780	47.2	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.381	-0.004	96	172979	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

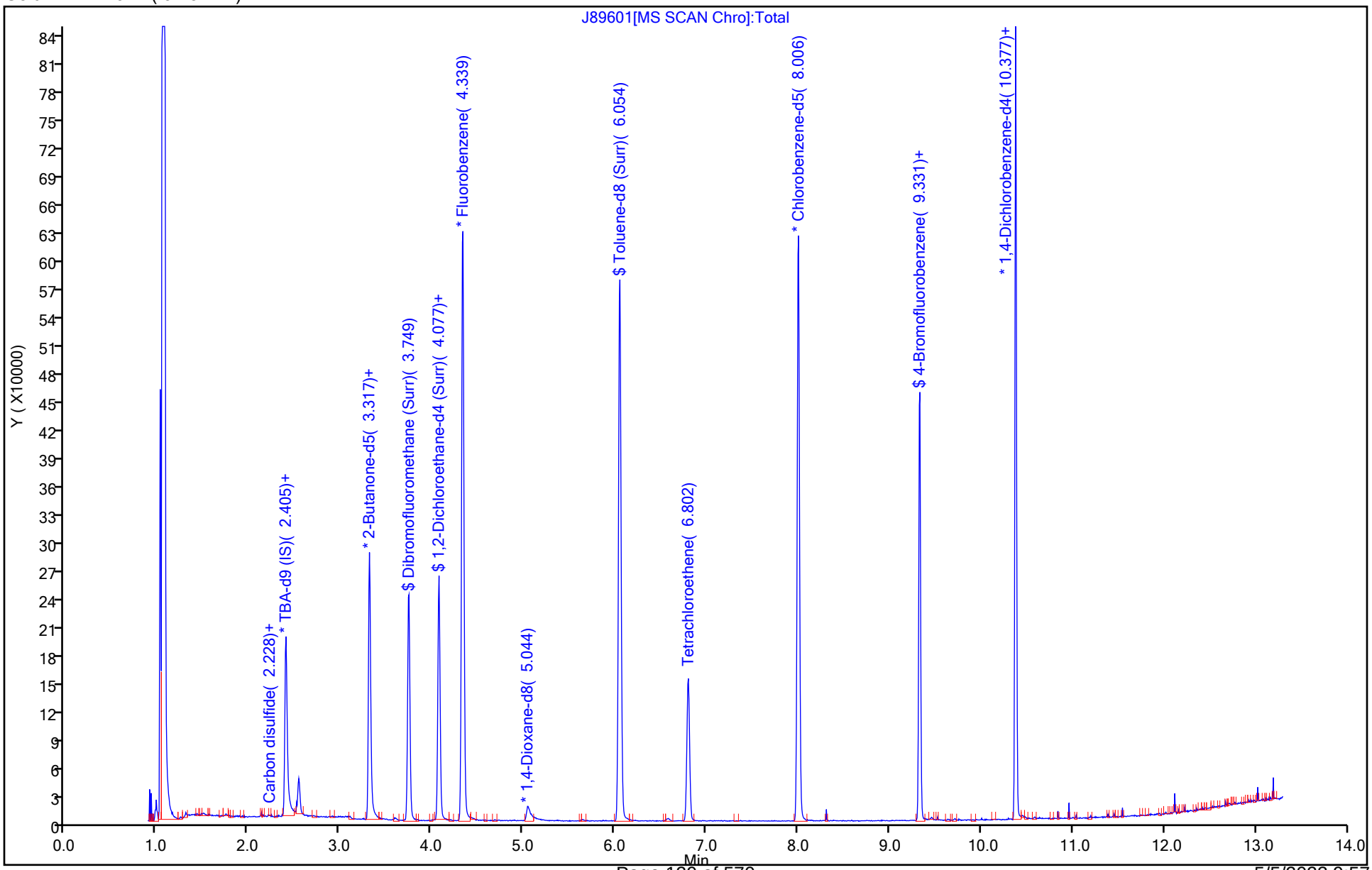
Report Date: 04-May-2023 16:00:24 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89601.D

Injection Date:	03-May-2023 01:18:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-9	Lab Sample ID:	460-279242-9	Worklist Smp#:	15
Client ID:	A-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89601.D
Lims ID: 460-279242-A-9
Client ID: A-07
Sample Type: Client
Inject. Date: 03-May-2023 01:18:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-9
Misc. Info.: 460-0159945-015
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 01:41:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.8	111.52
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.4	118.86
$ 83 Toluene-d8 (Surr)	50.0	49.5	99.09
$ 105 4-Bromofluorobenzene	50.0	47.2	94.42

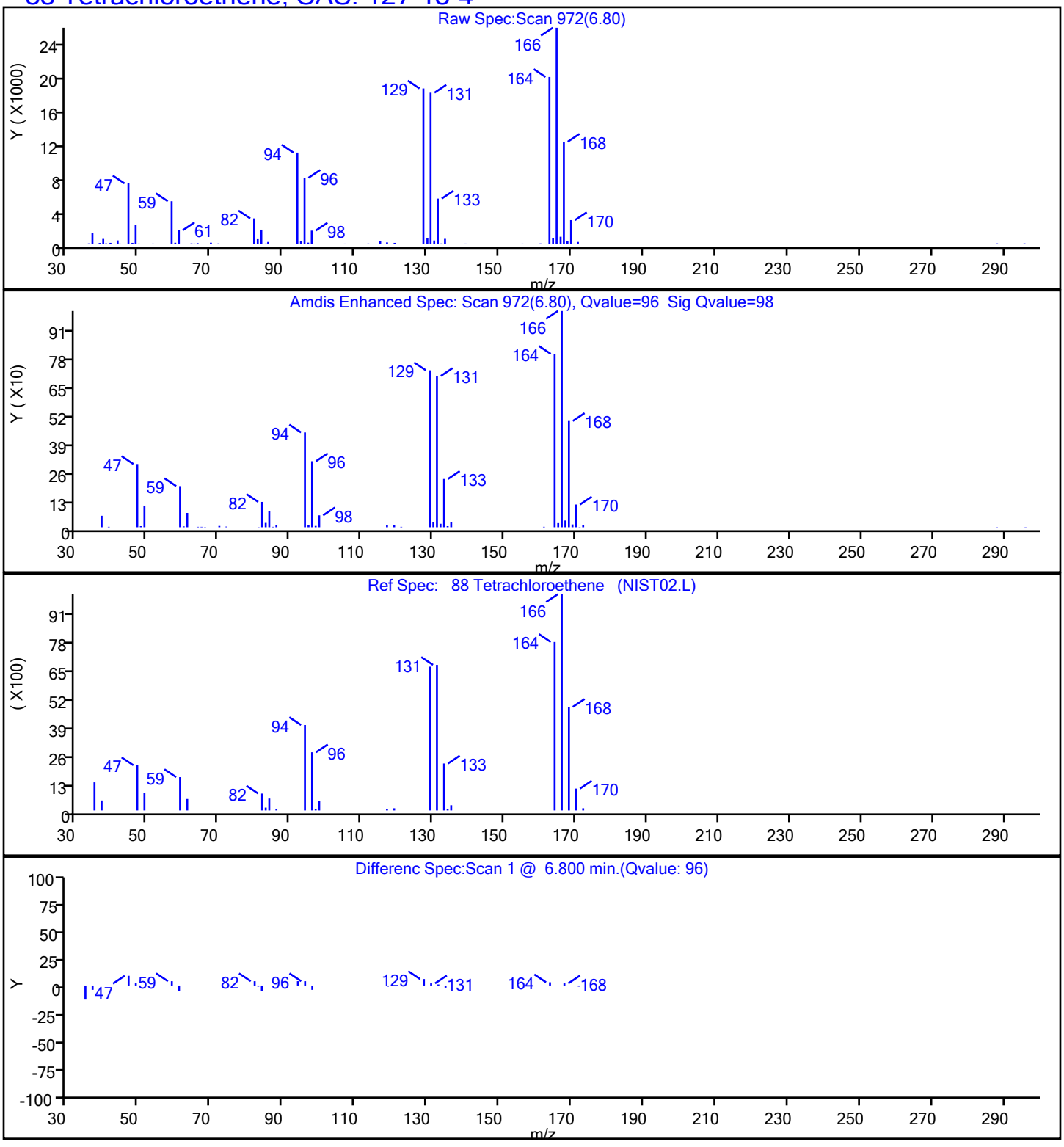
Report Date: 04-May-2023 16:00:24 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89601.D

Injection Date:	03-May-2023 01:18:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-9	Lab Sample ID:	460-279242-9		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 Tetrachloroethene, CAS: 127-18-4



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-279242-10

Matrix: Water | Lab File ID: J89602.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 01:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	220		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.37	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-279242-10

Matrix: Water | Lab File ID: J89602.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 01:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D
Lims ID: 460-279242-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 03-May-2023 01:43:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-10
Misc. Info.: 460-0159945-016
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 02:45:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.225	2.226	-0.001	95	1541	0.1931	
* 30 TBA-d9 (IS)	65	2.402	2.403	-0.001	75	194849	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	85	318138	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.747	-0.001	95	127726	54.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	160376	58.5	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	98	518156	50.0	
68 Trichloroethene	95	4.694	4.683	0.011	93	1044	0.3685	
* 72 1,4-Dioxane-d8	96	5.041	5.054	-0.013	0	18357	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.050	6.051	-0.001	98	414736	48.7	
88 Tetrachloroethene	166	6.798	6.799	-0.001	97	572307	223.7	
* 94 Chlorobenzene-d5	117	8.003	8.004	-0.002	88	361677	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	112664	46.4	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	169449	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

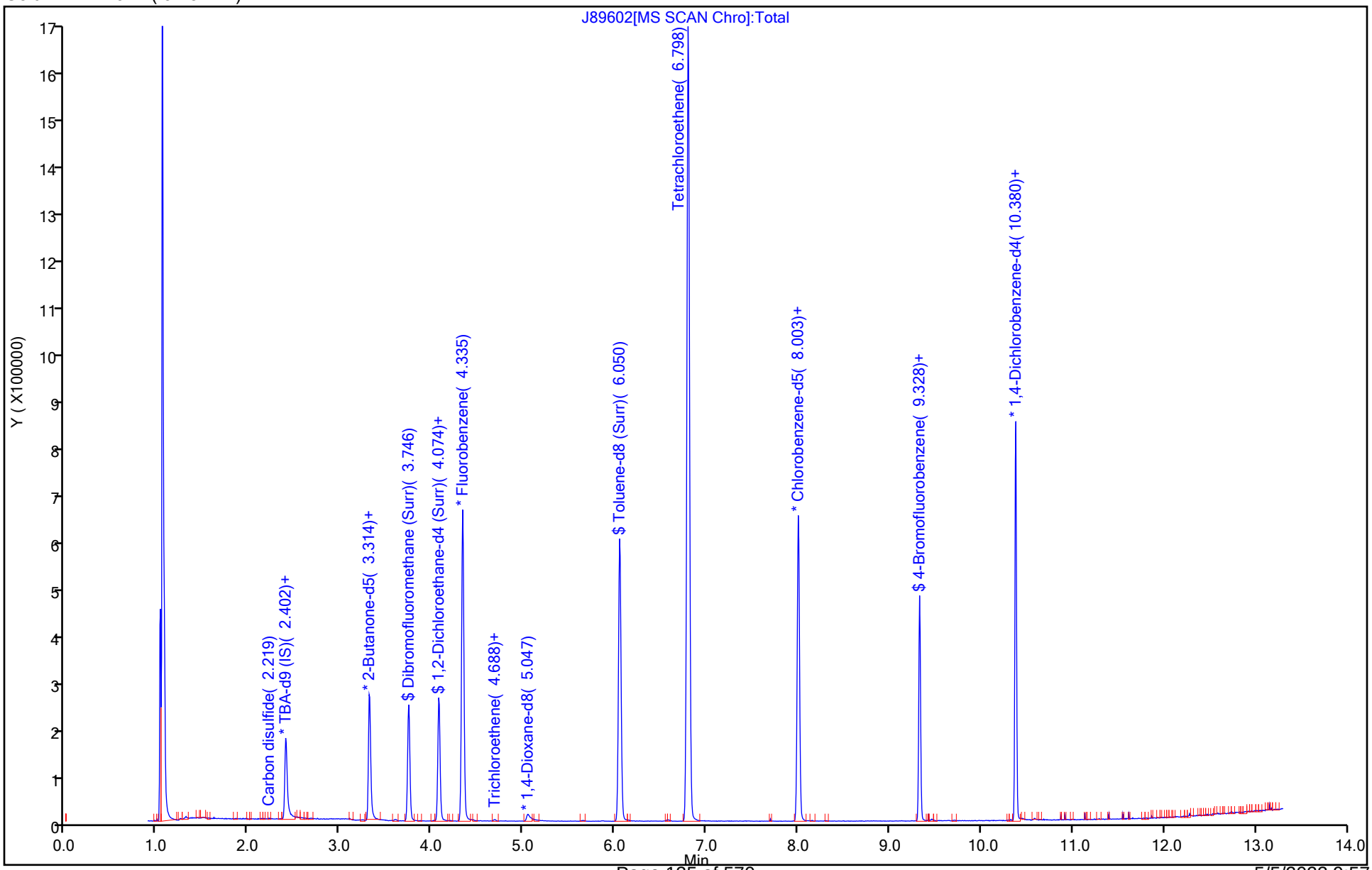
Report Date: 04-May-2023 16:00:49 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D

Injection Date:	03-May-2023 01:43:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-10	Lab Sample ID:	460-279242-10	Worklist Smp#:	16
Client ID:	A-05				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D
Lims ID: 460-279242-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 03-May-2023 01:43:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-10
Misc. Info.: 460-0159945-016
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

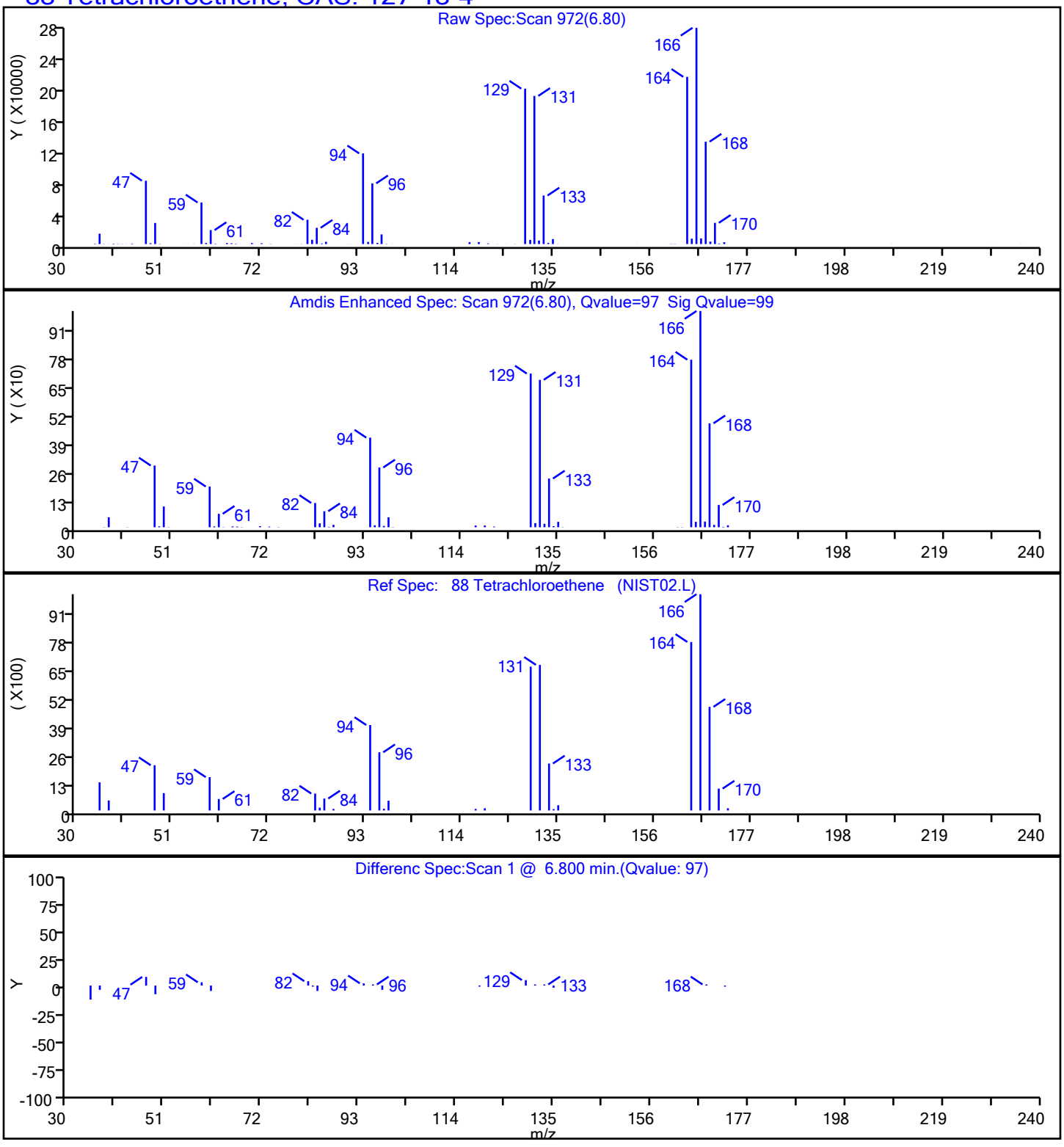
First Level Reviewer: HVW2 Date: 03-May-2023 02:45:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.6	109.18
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.5	116.90
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.37
$ 105 4-Bromofluorobenzene	50.0	46.4	92.89

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D		
Injection Date:	03-May-2023 01:43:30	Instrument ID:	CVOAMS8
Lims ID:	460-279242-A-10	Lab Sample ID:	460-279242-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

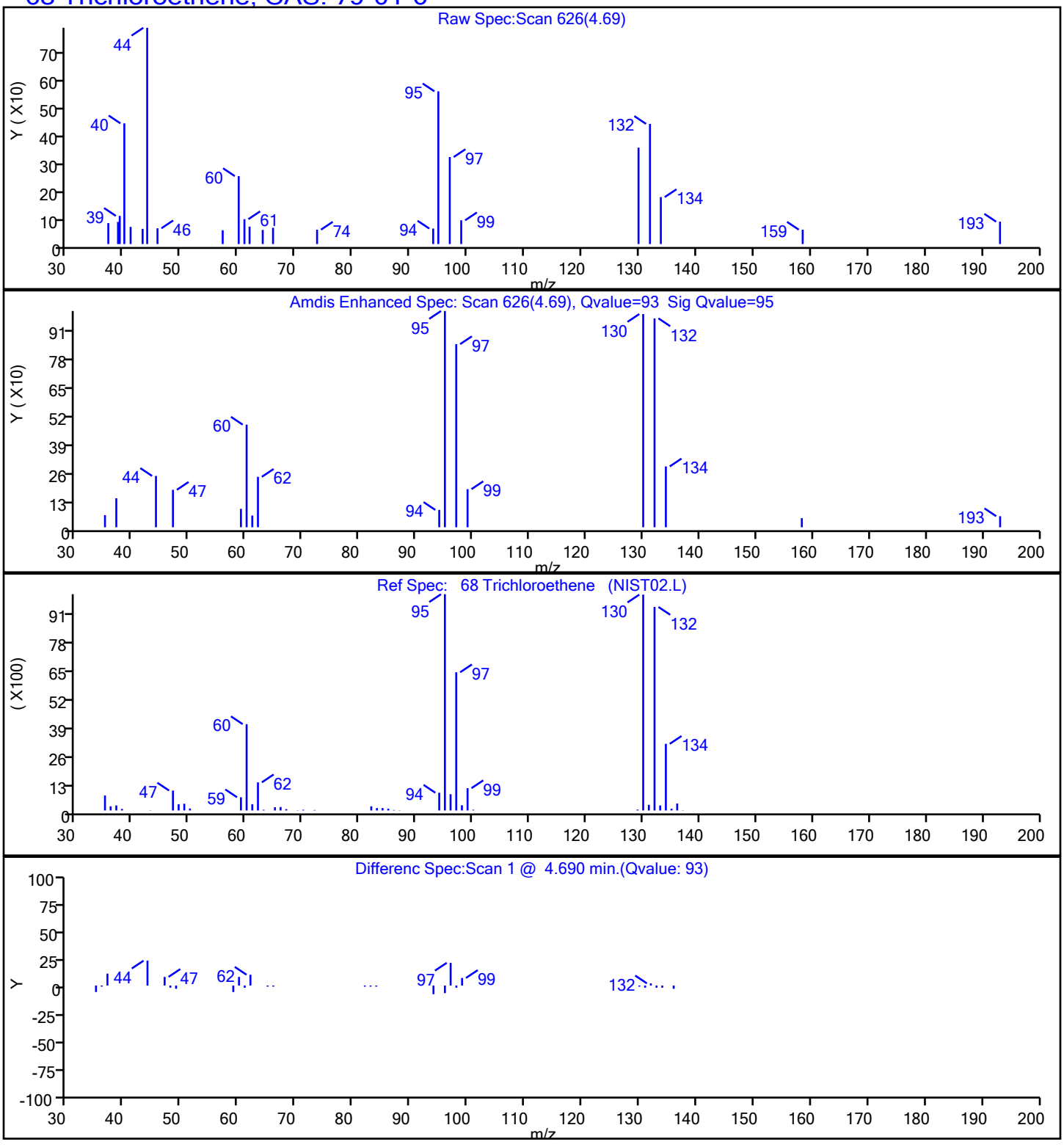
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D				
Injection Date:	03-May-2023 01:43:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-10	Lab Sample ID:	460-279242-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6



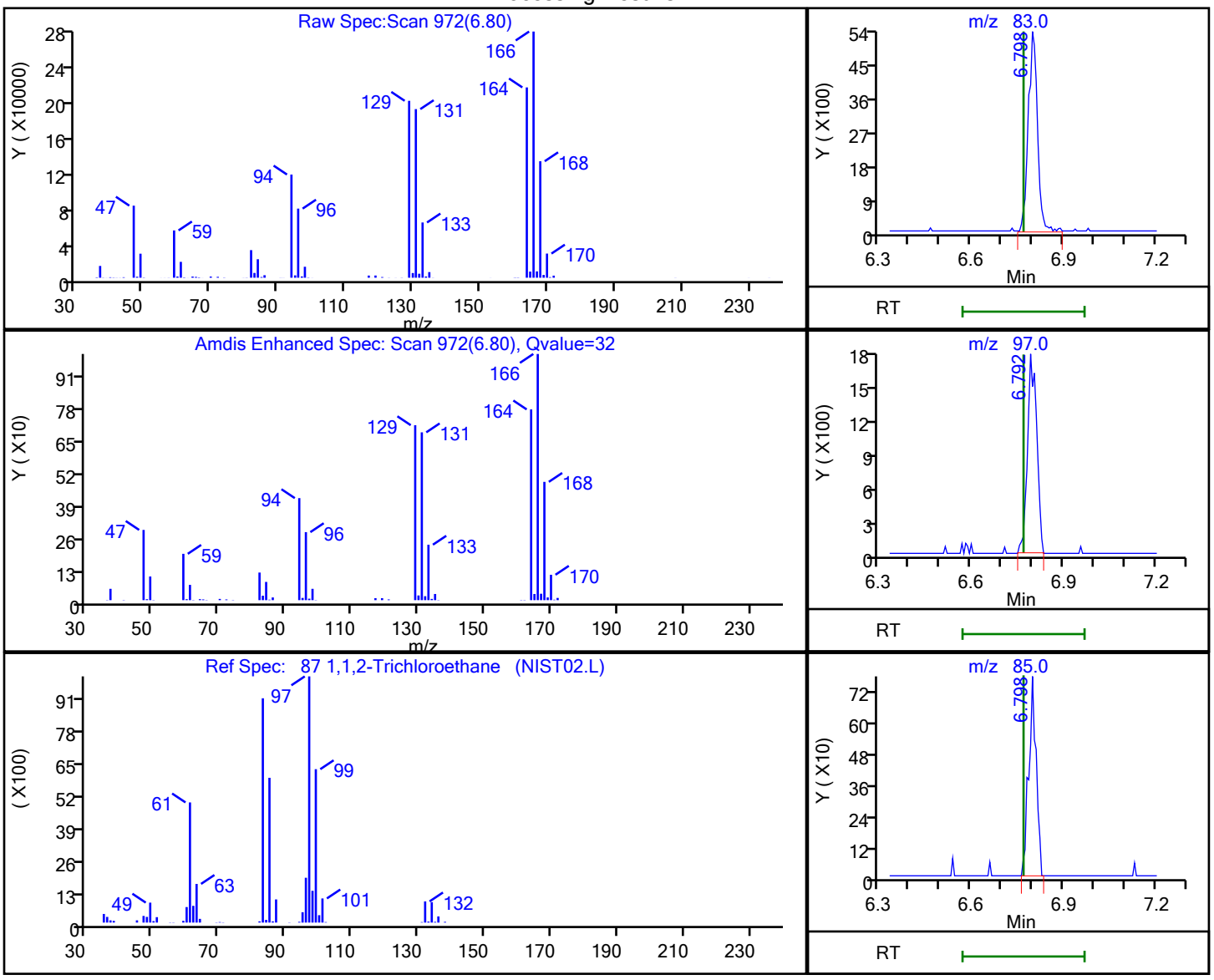
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89602.D				
Injection Date:	03-May-2023 01:43:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-10	Lab Sample ID:	460-279242-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	11221	5.427447
6.79	97.00	3657	
6.80	85.00	1326	

Reviewer: HVW2, 03-May-2023 02:45:41

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-279242-11

Matrix: Water | Lab File ID: J89603.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 02:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	18		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-279242-11

Matrix: Water | Lab File ID: J89603.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:20

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 02:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89603.D
Lims ID: 460-279242-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 03-May-2023 02:08:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-11
Misc. Info.: 460-0159945-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 02:46:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.403	-0.001	75	194004	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	85	314542	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.747	-0.001	95	129546	55.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	160346	58.2	
* 66 Fluorobenzene	96	4.336	4.337	-0.001	98	520383	50.0	
* 72 1,4-Dioxane-d8	96	5.053	5.054	-0.001	0	19275	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.051	6.051	0.000	98	415135	49.0	
88 Tetrachloroethene	166	6.805	6.799	0.006	97	46820	18.4	
* 94 Chlorobenzene-d5	117	8.003	8.004	-0.001	88	359398	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	109603	45.5	
* 121 1,4-Dichlorobenzene-d4	152	10.381	10.381	0.000	96	171080	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

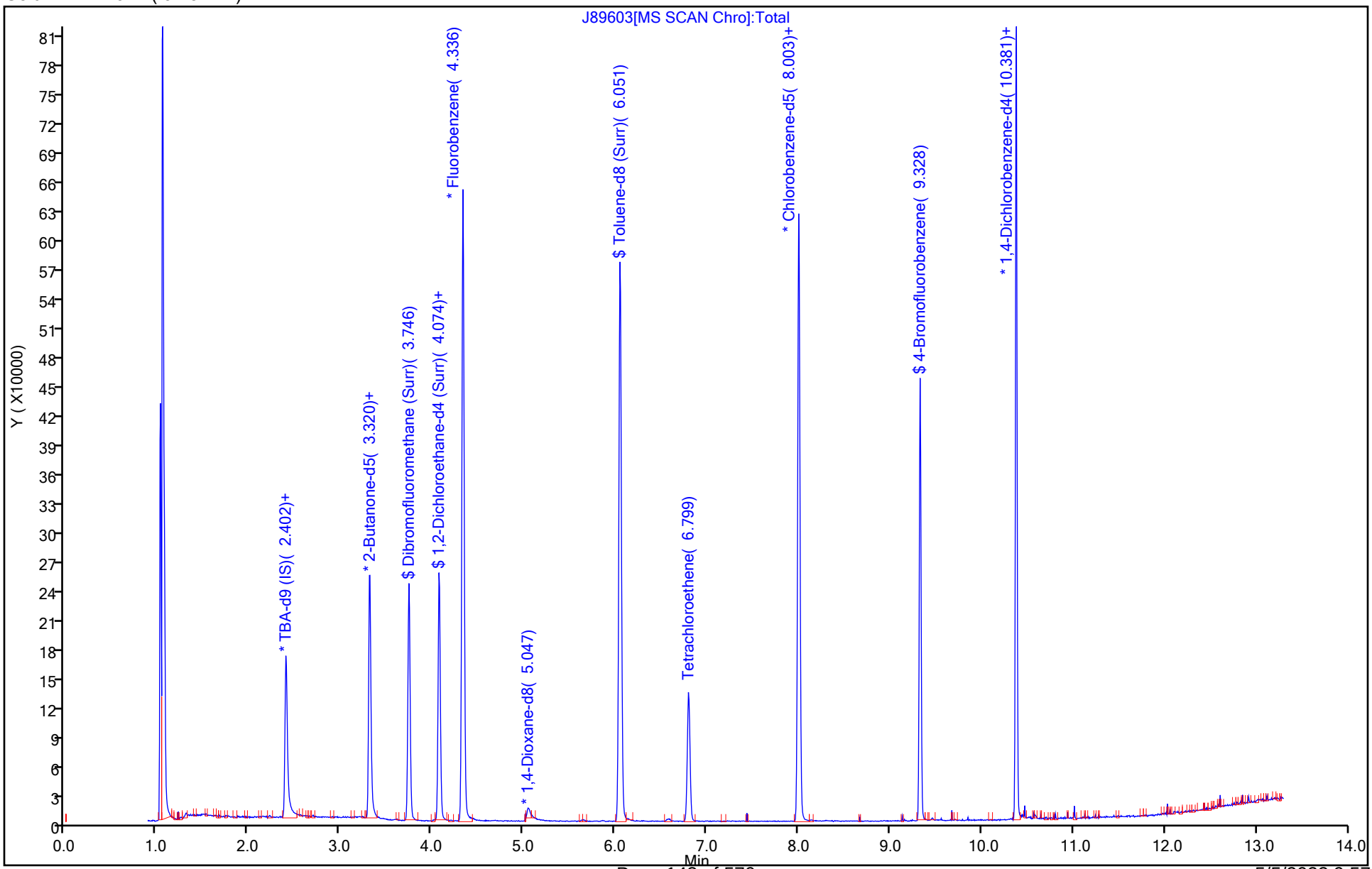
Report Date: 04-May-2023 16:01:10 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89603.D

Injection Date:	03-May-2023 02:08:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-11	Lab Sample ID:	460-279242-11	Worklist Smp#:	17
Client ID:	A-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89603.D
Lims ID: 460-279242-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 03-May-2023 02:08:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-11
Misc. Info.: 460-0159945-017
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

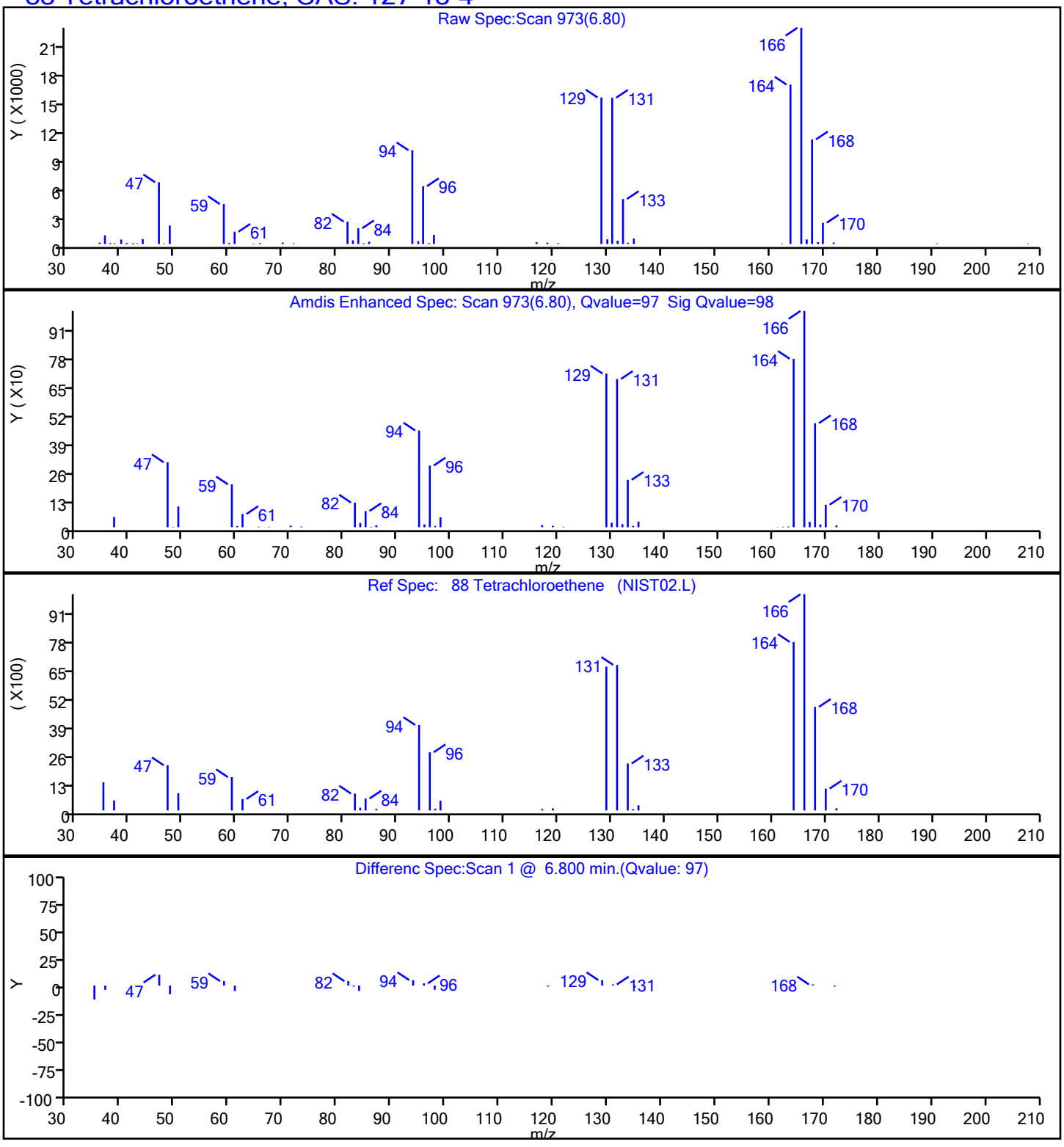
First Level Reviewer: HVW2 Date: 03-May-2023 02:46:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.1	110.26
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.2	116.38
$ 83 Toluene-d8 (Surr)	50.0	49.0	98.08
$ 105 4-Bromofluorobenzene	50.0	45.5	90.94

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89603.D
Injection Date: 03-May-2023 02:08:30 Instrument ID: CVOAMS8
Lims ID: 460-279242-A-11 Lab Sample ID: 460-279242-11
Client ID: A-09
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-279242-12

Matrix: Water | Lab File ID: J89604.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	23		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.67	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-279242-12

Matrix: Water | Lab File ID: J89604.D

Analysis Method: 8260D | Date Collected: 04/27/2023 11:40

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 02:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D
Lims ID: 460-279242-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 03-May-2023 02:33:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-12
Misc. Info.: 460-0159945-018
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 05:00:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.401	2.403	-0.002	75	202975	1000.0	
* 43 2-Butanone-d5	46	3.320	3.315	0.005	85	323567	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.747	-0.002	96	129354	54.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	158632	57.4	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	98	522249	50.0	
68 Trichloroethene	95	4.682	4.683	-0.001	89	1927	0.6748	
* 72 1,4-Dioxane-d8	96	5.047	5.054	-0.007	0	18528	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.050	6.051	-0.001	98	409910	49.9	
88 Tetrachloroethene	166	6.798	6.799	-0.001	97	56685	23.0	
* 94 Chlorobenzene-d5	117	8.002	8.004	-0.002	89	348592	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	111513	47.7	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	172819	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

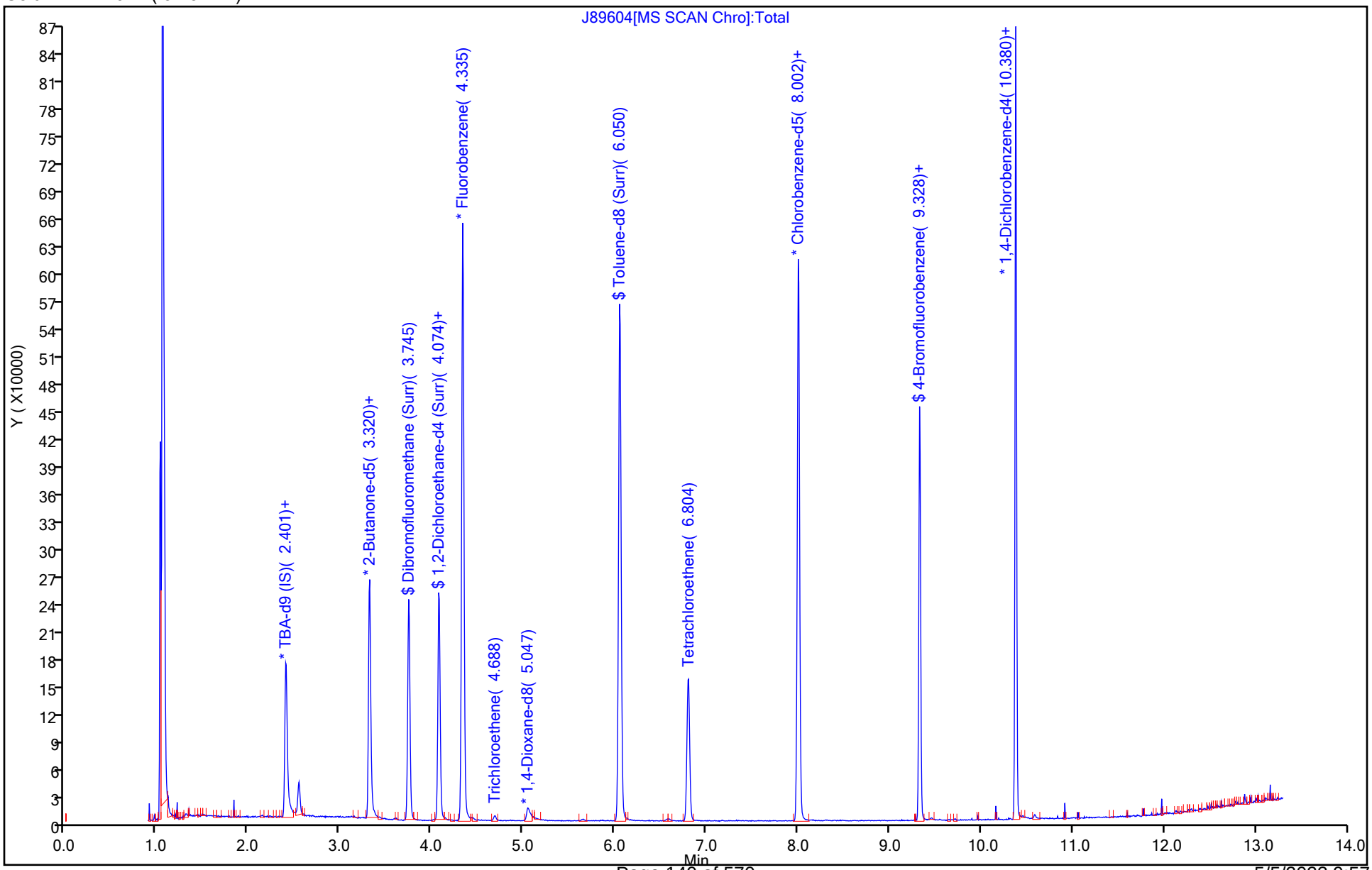
Report Date: 04-May-2023 16:02:08 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D

Injection Date:	03-May-2023 02:33:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-12	Lab Sample ID:	460-279242-12	Worklist Smp#:	18
Client ID:	A-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D
Lims ID: 460-279242-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 03-May-2023 02:33:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-12
Misc. Info.: 460-0159945-018
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 03-May-2023 05:00:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.9	109.70
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.4	114.72
$ 83 Toluene-d8 (Surr)	50.0	49.9	99.85
$ 105 4-Bromofluorobenzene	50.0	47.7	95.39

Report Date: 04-May-2023 16:02:08 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D

Injection Date: 03-May-2023 02:33:30 Instrument ID: CVOAMS8

Lims ID: 460-279242-A-12 Lab Sample ID: 460-279242-12

Client ID: A-10

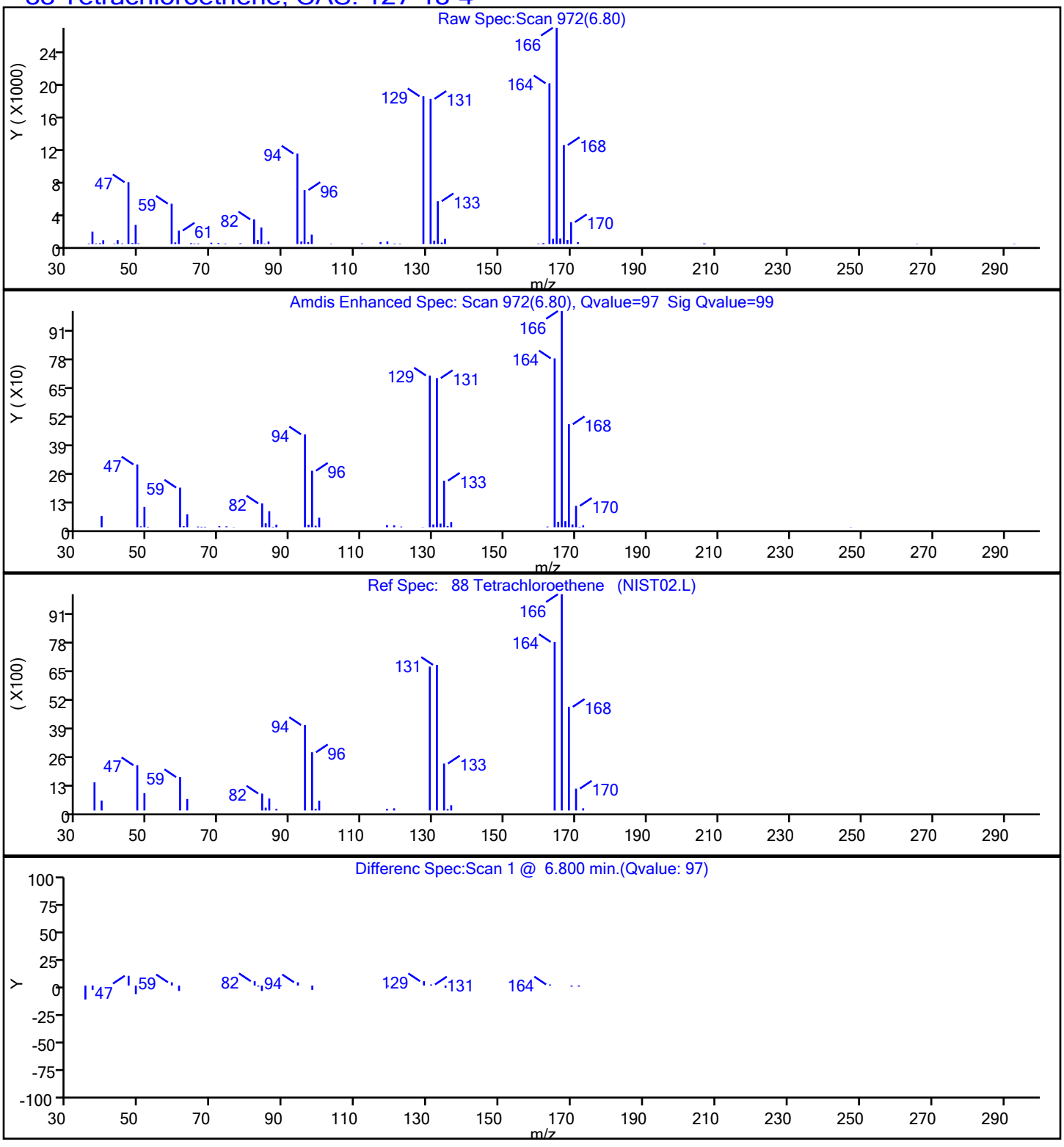
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 Tetrachloroethene, CAS: 127-18-4

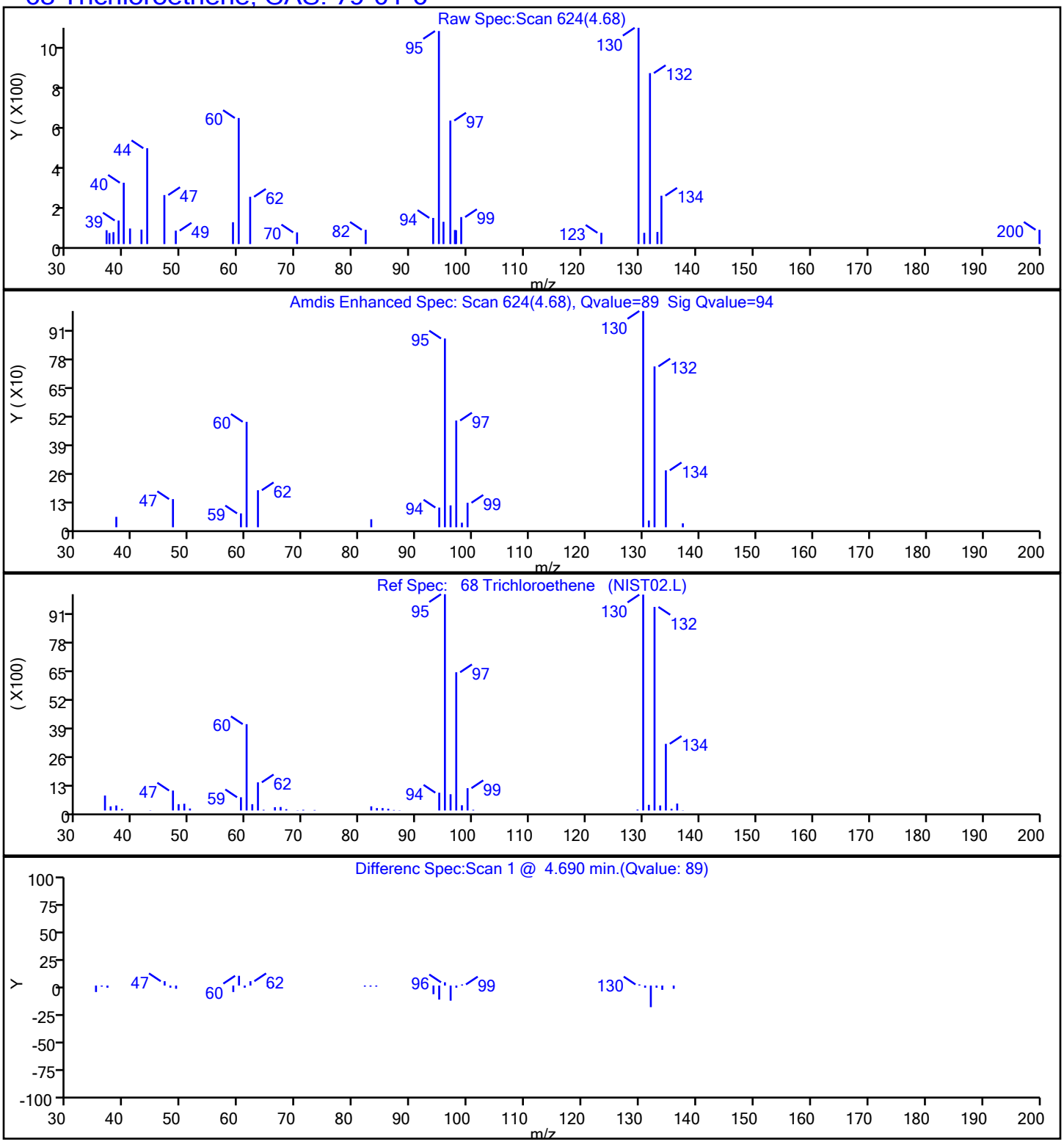


5/5/2023 9:57 AM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D				
Injection Date:	03-May-2023 02:33:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-12	Lab Sample ID:	460-279242-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

68 Trichloroethene, CAS: 79-01-6



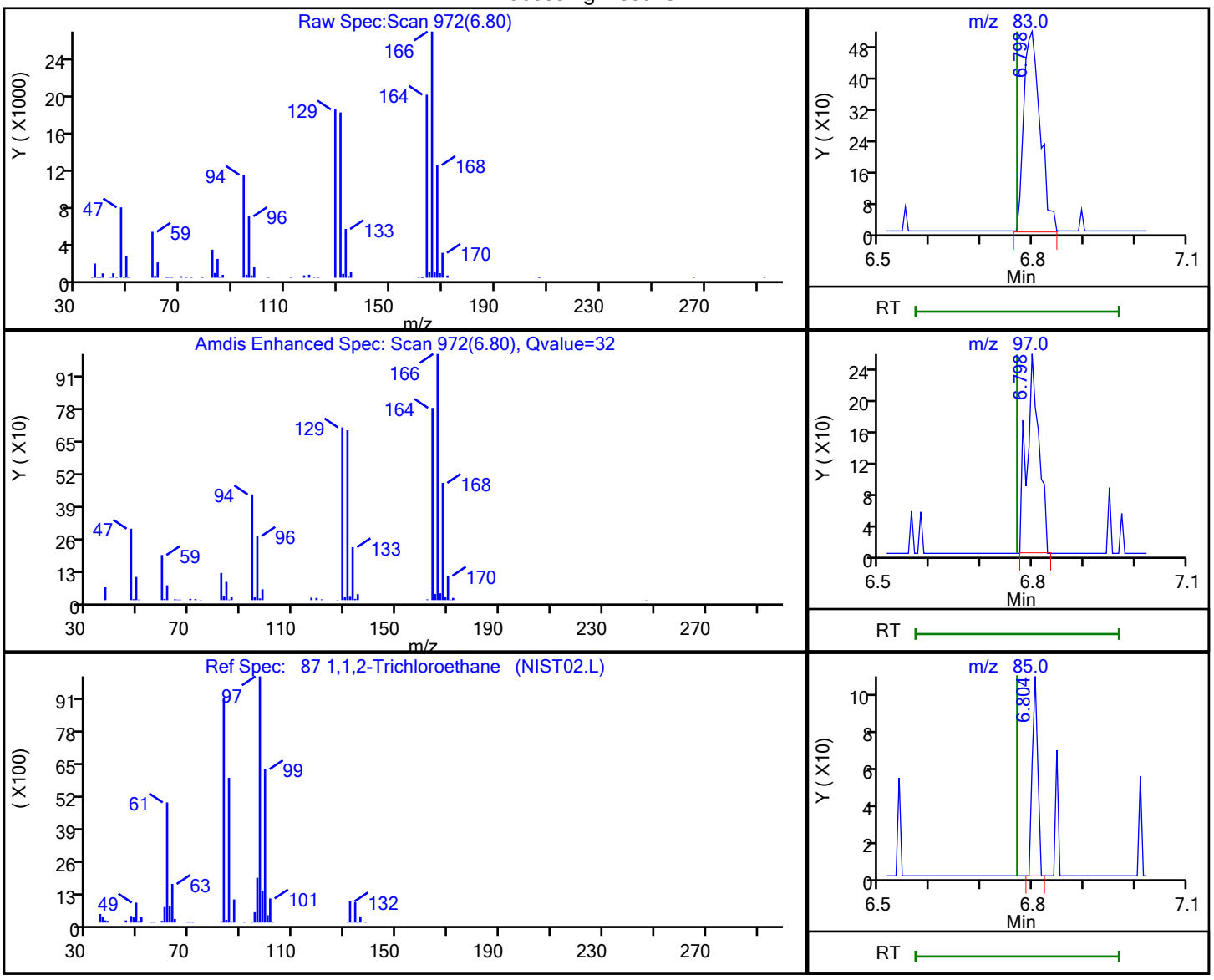
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89604.D				
Injection Date:	03-May-2023 02:33:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-12	Lab Sample ID:	460-279242-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
6.80	83.00	1153	0.578625
6.80	97.00	429	
6.80	85.00	80	

Reviewer: HVW2, 03-May-2023 05:00:45

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: FB0427 | Lab Sample ID: 460-279242-13

Matrix: Water | Lab File ID: J89596.D

Analysis Method: 8260D | Date Collected: 04/27/2023 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/02/2023 23:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: FB0427 Lab Sample ID: 460-279242-13

Matrix: Water Lab File ID: J89596.D

Analysis Method: 8260D Date Collected: 04/27/2023 14:00

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2023 23:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89596.D
Lims ID: 460-279242-A-13
Client ID: FB0427
Sample Type: Client
Inject. Date: 02-May-2023 23:12:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-13
Misc. Info.: 460-0159945-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:45:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.229	2.226	0.003	94	1340	0.1593	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	75	220060	1000.0	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	85	351068	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.743	3.747	-0.004	96	134027	54.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	166856	57.7	
* 66 Fluorobenzene	96	4.333	4.337	-0.004	98	546342	50.0	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20017	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.048	6.051	-0.003	98	433718	50.7	
* 94 Chlorobenzene-d5	117	8.006	8.004	0.002	88	363235	50.0	
$ 105 4-Bromofluorobenzene	174	9.332	9.329	0.003	94	114821	47.1	
* 121 1,4-Dichlorobenzene-d4	152	10.378	10.381	-0.003	96	174515	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

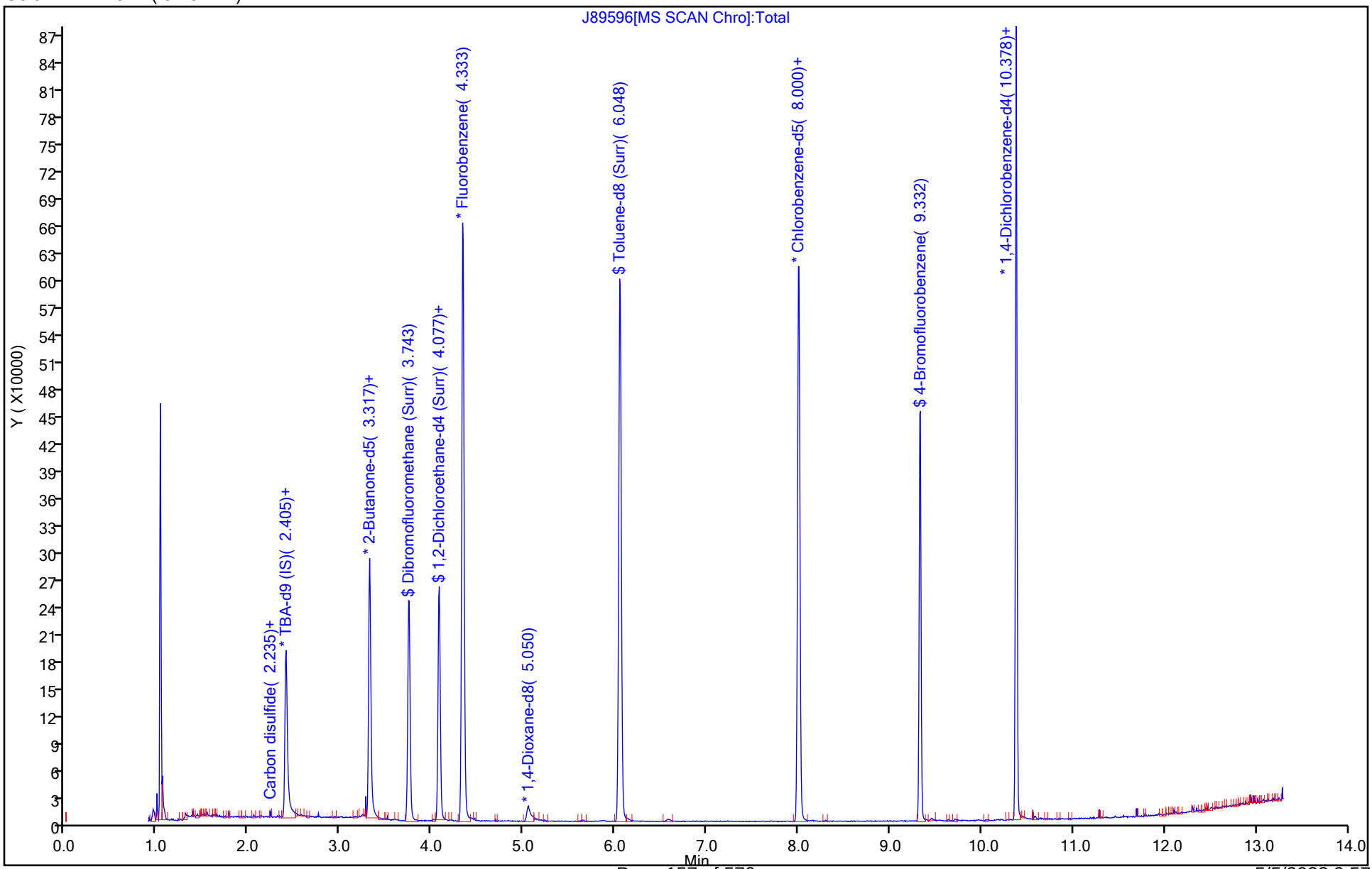
Report Date: 03-May-2023 09:53:40 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89596.D

Injection Date:	02-May-2023 23:12:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-13	Lab Sample ID:	460-279242-13	Worklist Smp#:	10
Client ID:	FB0427				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89596.D				
Lims ID:	460-279242-A-13				
Client ID:	FB0427				
Sample Type:	Client				
Inject. Date:	02-May-2023 23:12:30	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-279242-A-13				
Misc. Info.:	460-0159945-010				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	03-May-2023 09:52:47	Calib Date:	14-Apr-2023 03:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1680				

First Level Reviewer: HVW2 Date: 03-May-2023 00:45:45

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.65
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.7	115.35
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.39
$ 105 4-Bromofluorobenzene	50.0	47.1	94.26

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-279242-14

Matrix: Water | Lab File ID: J89595.D

Analysis Method: 8260D | Date Collected: 04/27/2023 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/02/2023 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U *	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-279242-14

Matrix: Water | Lab File ID: J89595.D

Analysis Method: 8260D | Date Collected: 04/27/2023 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/02/2023 22:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89595.D
Lims ID: 460-279242-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 02-May-2023 22:47:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-14
Misc. Info.: 460-0159945-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:45:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.228	2.226	0.002	95	1597	0.1944	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	75	200405	1000.0	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	85	333185	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.749	3.747	0.002	95	132661	55.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	166123	58.8	
* 66 Fluorobenzene	96	4.332	4.337	-0.005	98	533407	50.0	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20251	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.053	6.051	0.002	98	433908	50.7	
* 94 Chlorobenzene-d5	117	8.006	8.004	0.002	89	363481	50.0	
$ 105 4-Bromofluorobenzene	174	9.331	9.329	0.002	93	112712	46.2	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.381	-0.004	96	170400	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

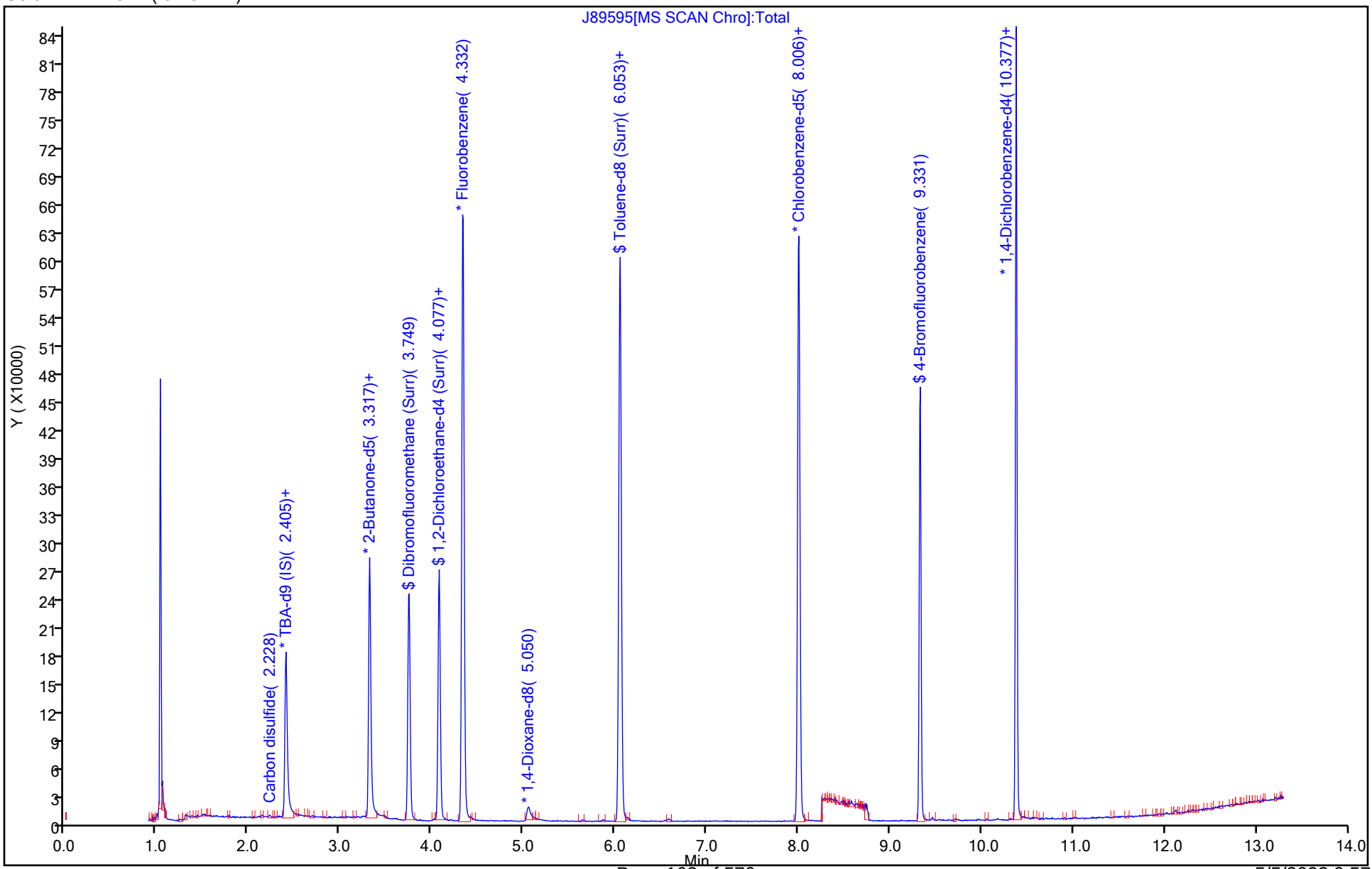
Report Date: 03-May-2023 09:53:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89595.D

Injection Date:	02-May-2023 22:47:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-14	Lab Sample ID:	460-279242-14	Worklist Smp#:	9
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89595.D
Lims ID: 460-279242-A-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 02-May-2023 22:47:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279242-A-14
Misc. Info.: 460-0159945-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:45:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.1	110.15
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.8	117.63
$ 83 Toluene-d8 (Surr)	50.0	50.7	101.36
$ 105 4-Bromofluorobenzene	50.0	46.2	92.47

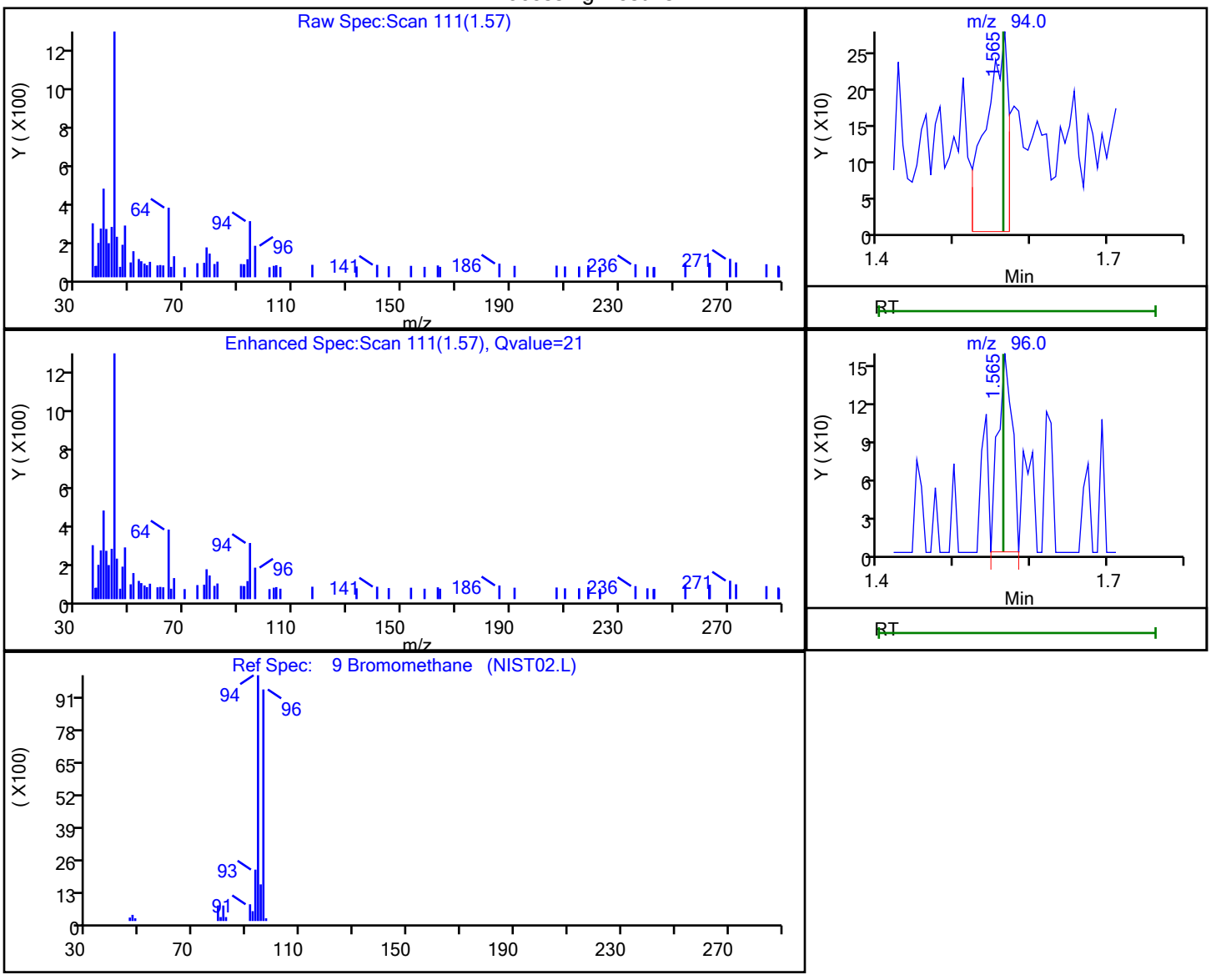
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89595.D				
Injection Date:	02-May-2023 22:47:30	Instrument ID:	CVOAMS8		
Lims ID:	460-279242-A-14	Lab Sample ID:	460-279242-14		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.57	94.00	568	0.458845
1.57	96.00	203	

Reviewer: HVW2, 03-May-2023 00:45:29

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

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-903054/3	J88840.D
Level 2	STD1 460-903054/4	J88841.D
Level 3	STD5 460-903054/5	J88842.D
Level 4	STD20 460-903054/6	J88843.D
Level 5	STD50 460-903054/7	J88844.D
Level 6	STD200 460-903054/8	J88845.D
Level 7	STD500 460-903054/9	J88846.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0209	0.0218 0.0217	0.0213	0.0193	0.0192	Ave		0.0207				5.6		20.0			
Dichlorodifluoromethane	+++++ 0.2729	0.1735 0.2675	0.2295	0.2281	0.2223	Ave		0.2323			0.1000	15.5		20.0			
Chlorodifluoromethane	+++++ 0.0368	0.0421 0.0382	0.0374	0.0357	0.0358	Ave		0.0377				6.3		20.0			
Chloromethane	+++++ 0.2765	0.2819 0.2934	0.2697	0.2680	0.2571	Ave		0.2744			0.1000	4.6		20.0			
Vinyl chloride	+++++ 0.2705	0.2821 0.2737	0.2591	0.2611	0.2589	Ave		0.2676			0.1000	3.5		20.0			
Butadiene	0.2979 0.2744	0.2895 0.2659	0.2643	0.2657	0.2610	Ave		0.2741				5.2		20.0			
Bromomethane	+++++ 0.1257	0.1092 0.1459	0.1009	0.1050	0.1095	Ave		0.1160			0.1000	14.6		20.0			
Chloroethane	+++++ 0.1331	0.1446 0.1308	0.1345	0.1361	0.1351	Ave		0.1357			0.1000	3.5		20.0			
Dichlorofluoromethane	+++++ 0.3749	0.4163 0.3778	0.3935	0.3865	0.3852	Ave		0.3890				3.8		20.0			
Trichlorofluoromethane	+++++ 0.3090	0.3372 0.2977	0.3270	0.3209	0.3181	Ave		0.3183			0.1000	4.3		20.0			
Pentane	+++++ 0.3710	0.4078 0.3386	0.3768	0.3563	0.3751	Ave		0.3709				6.2		20.0			
Ethanol	+++++ 0.0130	0.0108 0.0177	0.0142	0.0119	0.0157	Ave		0.0139				18.2		20.0			
Ethyl ether	+++++ 0.1891	0.1871 0.1865	0.1967	0.1934	0.1952	Ave		0.1913				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2261	0.2462 0.2291	0.2201	0.2173	0.2304	Ave		0.2282				4.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1603	0.1673 0.1566	0.1673	0.1597	0.1627	Ave		0.1623				2.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2990	0.3452 0.2931	0.3371	0.3102	0.3202	Ave		0.3175				6.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2143	0.2253 0.1952	0.2085	0.1981	0.2102	Ave		0.2086			0.1000	5.3		20.0			
Acrolein	+++++ 1.6843	1.7618 1.7136	1.4079	1.4419	1.6108	Ave		1.6034				9.2		20.0			
1,1-Dichloroethene	+++++ 0.1928	0.2214 0.1890	0.2151	0.1924	0.2013	Ave		0.2020			0.1000	6.6		20.0			
Acetone	+++++ 0.6718	0.7889 0.6140	0.5260	0.5723	0.4917	Ave		0.6108			0.0500	17.7		20.0			
Iodomethane	+++++ 0.3109	0.2244 0.2997	0.2349	0.2537	0.3047	Ave		0.2714				14.1		20.0			
Isopropyl alcohol	+++++ 0.3587	0.3906 0.4160	0.3635	0.3446	0.4193	Ave		0.3821				8.2		20.0			
Carbon disulfide	+++++ 0.7370	0.8611 0.7191	0.7852	0.7454	0.7724	Ave		0.7700			0.1000	6.6		20.0			
3-Chloro-1-propene	+++++ 0.1277	0.1493 0.1213	0.1389	0.1328	0.1359	Ave		0.1343				7.2		20.0			
Methyl acetate	+++++ 10.933	10.819 10.973	10.929	10.453	10.567	Ave		10.779			0.1000	2.0		20.0			
Cyclopentene	+++++ 0.5190	0.5264 0.4703	0.5091	0.4881	0.5168	Ave		0.5050				4.2		20.0			
Acetonitrile	+++++ 1.4208	0.7334 1.4928	1.2532	1.1904	1.4443	QuaF		1.3764	0.0000233						1.0000		0.9900
Methylene Chloride	+++++ 0.2242	0.2554 0.2235	0.2348	0.2281	0.2330	Ave		0.2332			0.1000	5.1		20.0			
2-Methyl-2-propanol	+++++ 0.6510	0.9137 0.7290	0.6489	0.6502	0.7100	Ave		0.7171				14.3		20.0			
Methyl tert-butyl ether	+++++ 0.6502	0.6828 0.6642	0.6522	0.6608	0.6596	Ave		0.6616			0.1000	1.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2300	0.2650 0.2220	0.2344	0.2281	0.2369	Ave		0.2361			0.1000	6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	5.0770 4.3899	4.2069 4.3614	4.3155	4.3970	4.4650	Ave		4.4590				6.4		20.0			
Hexane	+++++ 0.2313	0.2524 0.2270	0.2551	0.2256	0.2310	Ave		0.2371				5.5		20.0			
Isopropyl ether	+++++ 0.8901	1.0470 0.8832	0.9651	0.9146	0.9309	Ave		0.9385				6.5		20.0			
1,1-Dichloroethane	+++++ 0.4425	0.5049 0.4287	0.4856	0.4802	0.4867	Ave		0.4714			0.2000	6.2		20.0			
Vinyl acetate	+++++ 0.4187	0.4889 0.3828	0.5659	0.5104	0.4735	Ave		0.4734				13.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2112	0.2330 0.2160	0.2167	0.2100	0.2161	Ave		0.2172				3.8		20.0			
Tert-butyl ethyl ether	+++++ 0.7625	0.8301 0.7657	0.7970	0.7866	0.7861	Ave		0.7880				3.1		20.0			
2,2-Dichloropropane	+++++ 0.1167	0.1625 0.1136	0.1178	0.1171	0.1181	Ave		0.1243				15.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.2479	0.3071 0.2457	0.2637	0.2597	0.2658	Ave		0.2650			0.1000	8.4		20.0			
Ethyl acetate	+++++ 0.2201	0.3050 0.2134	0.2725	0.2388	0.2336	Ave		0.2472				14.2		20.0			
Methyl Ethyl Ketone	+++++ 0.1982	0.2198 0.1965	0.1816	0.1923	0.1933	Ave		0.1969			0.0500	6.4		20.0			
Methyl acrylate	+++++ 0.2042	0.2035 0.2058	0.2577	0.2159	0.2096	Ave		0.2161				9.7		20.0			
Propionitrile	+++++ 1.4343	1.5924 1.4630	1.3844	1.4701	1.4873	Ave		1.4719				4.7		20.0			
Chlorobromomethane	+++++ 0.1169	0.1537 0.1168	0.1209	0.1233	0.1235	Ave		0.1259				11.1		20.0			
Tetrahydrofuran	+++++ 0.2076	0.3191 0.2050	0.2322	0.2531	0.2364	Ave		0.2422				17.3		20.0			
Methacrylonitrile	+++++ 0.0880	0.0962 0.0804	0.0881	0.0906	0.0916	Ave		0.0892				5.9		20.0			
Chloroform	+++++ 0.4390	0.4849 0.3914	0.4484	0.4239	0.4405	Ave		0.4380			0.2000	7.0		20.0			
Cyclohexane	+++++ 0.3014	0.3025 0.2905	0.3002	0.2782	0.2790	Ave		0.2920			0.1000	3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3790	0.3843 0.3764	0.3801	0.3657	0.3652	Ave		0.3751			0.1000	2.1		20.0			
Carbon tetrachloride	+++++ 0.3345	0.3620 0.3321	0.3248	0.3109	0.3233	Ave		0.3313			0.1000	5.2		20.0			
1,1-Dichloropropene	+++++ 0.3651	0.3722 0.3673	0.3637	0.3505	0.3622	Ave		0.3635				2.0		20.0			
Isobutyl alcohol	+++++ 0.6061	0.6168 0.6066	0.5003	0.5644	0.6126	Ave		0.5845				7.8		20.0			
Isooctane	+++++ 0.4601	0.5033 0.4710	0.4694	0.4400	0.4642	Ave		0.4680				4.4		20.0			
Benzene	+++++ 1.4609	1.5530 1.5000	1.4823	1.4438	1.4740	Ave		1.4857			0.5000	2.6		20.0			
Isopropyl acetate	+++++ 0.7939	0.8422 0.7856	0.8154	0.8130	0.8126	Ave		0.8105				2.4		20.0			
Tert-amyl methyl ether	+++++ 0.1824	0.1348 0.1833	0.2027	0.1823	0.1868	Ave		0.1787				12.8		20.0			
1,2-Dichloroethane	+++++ 0.3592	0.4042 0.3339	0.3686	0.3517	0.3632	Ave		0.3635			0.1000	6.4		20.0			
n-Heptane	+++++ 0.1024	0.1191 0.1023	0.1006	0.0927	0.0994	Ave		0.1028				8.5		20.0			
n-Butanol	+++++ 0.1617	0.0867 0.1849	0.1440	0.1522	0.1872	QuaF		0.1514	0.0000027						1.0000		0.9900
Trichloroethene	+++++ 0.2698	0.2958 0.2718	0.2715	0.2608	0.2707	Ave		0.2734			0.2000	4.3		20.0			
Methylcyclohexane	+++++ 0.2778	0.2821 0.2630	0.2711	0.2602	0.2753	Ave		0.2716			0.1000	3.2		20.0			
Ethyl acrylate	+++++ 0.5680	0.6128 0.5366	0.5600	0.5567	0.5750	Ave		0.5682				4.5		20.0			
1,2-Dichloropropane	+++++ 0.2967	0.3237 0.2887	0.3016	0.2917	0.2971	Ave		0.2999			0.1000	4.2		20.0			
Methyl methacrylate	+++++ 0.0559	0.0614 0.0544	0.0589	0.0554	0.0573	Ave		0.0572				4.5		20.0			
1,4-Dioxane	+++++ 0.4025	0.3965 0.4139	0.5948	0.4888	0.4982	Ave		0.4658				16.6		20.0			
Dibromomethane	+++++ 0.1669	0.1986 0.1538	0.1668	0.1670	0.1682	Ave		0.1702				8.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3884	0.3966 0.3674	0.4060	0.3989	0.4028	Ave		0.3934				3.6		20.0			
Bromodichloromethane	+++++ 0.3517	0.3699 0.3440	0.3418	0.3365	0.3510	Ave		0.3492			0.2000	3.3		20.0			
2-Nitropropane	+++++ 3.7258	5.3992 3.5460	3.8272	3.6489	3.6577	Ave		3.9675				17.8		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1606	0.1688 0.1537	0.1631	0.1668	0.1675	Ave		0.1634				3.5		20.0			
Epichlorohydrin	0.2006 0.1743	0.1766 0.1616	0.1807	0.1806	0.1797	Ave		0.1792				6.5		20.0			
cis-1,3-Dichloropropene	+++++ 0.6597	0.6645 0.6634	0.6386	0.6348	0.6472	Ave		0.6514			0.2000	2.0		20.0			
methyl isobutyl ketone	+++++ 2.2874	2.5934 1.9729	2.4183	2.5141	2.4544	Ave		2.3734			0.0500	9.3		20.0			
Toluene	+++++ 1.4546	1.5669 1.4337	1.4808	1.4395	1.4539	Ave		1.4716			0.4000	3.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5785	0.5820 0.5666	0.5578	0.5506	0.5684	Ave		0.5673			0.1000	2.1		20.0			
Ethyl methacrylate	+++++ 0.3017	0.3321 0.2778	0.3105	0.3035	0.3123	Ave		0.3063				5.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2825	0.2999 0.2831	0.2869	0.2793	0.2831	Ave		0.2858			0.1000	2.6		20.0			
Tetrachloroethene	+++++ 0.3498	0.3810 0.3525	0.3513	0.3387	0.3485	Ave		0.3536			0.2000	4.0		20.0			
1,3-Dichloropropane	+++++ 0.5210	0.5731 0.5136	0.5192	0.5191	0.5281	Ave		0.5290				4.2		20.0			
2-Hexanone	+++++ 0.7639	0.7625 0.6821	0.7876	0.7904	0.7770	Ave		0.7606			0.0500	5.3		20.0			
n-Butyl acetate	+++++ 0.5913	0.6002 0.5641	0.5879	0.6170	0.6087	Ave		0.5949				3.1		20.0			
Dibromochloromethane	+++++ 0.3648	0.3401 0.3666	0.3463	0.3433	0.3540	Ave		0.3525			0.1000	3.2		20.0			
Ethylene Dibromide	+++++ 0.3227	0.3198 0.3221	0.3250	0.3205	0.3246	Ave		0.3224			0.1000	0.7		20.0			
Chlorobenzene	+++++ 0.8677	0.9218 0.8513	0.8677	0.8618	0.8761	Ave		0.8744			0.5000	2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4575	0.4859 0.4450	0.4622	0.4509	0.4554	Ave		0.4595			0.1000	3.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3237	0.3111 0.3149	0.3242	0.3187	0.3240	Ave		0.3194				1.7		20.0			
m-Xylene & p-Xylene	+++++ 0.5369	0.6263 0.5363	0.5718	0.5417	0.5518	Ave		0.5608			0.1000	6.2		20.0			
o-Xylene	+++++ 0.5355	0.5762 0.5300	0.5457	0.5432	0.5519	Ave		0.5471			0.3000	3.0		20.0			
n-Butyl acrylate	+++++ 0.2562	0.2722 0.2616	0.2609	0.2630	0.2649	Ave		0.2631				2.0		20.0			
Styrene	+++++ 0.9017	0.9138 0.8932	0.8904	0.8901	0.9121	Ave		0.9002			0.3000	1.2		20.0			
Bromoform	+++++ 0.2243	0.2202 0.2418	0.2041	0.2041	0.2150	Ave		0.2183			0.1000	6.5		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2858	1.2542 1.1570	1.3338	1.3533	1.3833	Ave		1.2946				6.3		20.0			
Isopropylbenzene	+++++ 1.1626	1.2746 1.1316	1.2126	1.1970	1.2061	Ave		1.1974			0.1000	4.1		20.0			
Bromobenzene	+++++ 0.7492	0.7728 0.6971	0.7589	0.7571	0.7655	Ave		0.7501				3.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7185	0.7279 0.6756	0.7723	0.7408	0.7263	Ave		0.7269			0.3000	4.3		20.0			
N-Propylbenzene	+++++ 2.7284	2.8999 2.4200	2.8655	2.8196	2.9120	Ave		2.7742				6.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1730	0.1753 0.1622	0.1830	0.1789	0.1772	Ave		0.1749				4.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2156	0.2711 0.2064	0.2114	0.2213	0.2232	Ave		0.2248				10.4		20.0			
2-Chlorotoluene	+++++ 1.9966	2.1070 1.8159	2.0405	2.0152	2.1159	Ave		2.0152				5.4		20.0			
4-Ethyltoluene	+++++ 2.2252	2.5539 2.0117	2.3259	2.2905	2.3982	Ave		2.3009				7.9		20.0			
1,3,5-Trimethylbenzene	+++++ 1.8971	2.0983 1.7582	1.9396	1.9703	2.0153	Ave		1.9465				5.9		20.0			
4-Chlorotoluene	+++++ 1.9432	1.8736 1.8242	2.0334	2.0366	1.9501	Ave		1.9435				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8125	0.8285 0.7860	0.8175	0.8255	0.8572	Ave		0.8212				2.8		20.0			
tert-Butylbenzene	+++++ 1.3905	1.6028 1.2839	1.5168	1.4666	1.5091	Ave		1.4616				7.6		20.0			
1,2,4-Trimethylbenzene	+++++ 1.9752	2.2043 1.8603	2.1000	2.0351	2.1019	Ave		2.0461				5.8		20.0			
sec-Butylbenzene	+++++ 1.9037	2.1452 1.7850	2.0396	1.9729	2.0409	Ave		1.9812				6.3		20.0			
1,3-Dichlorobenzene	+++++ 1.2072	1.2297 1.1680	1.1575	1.1943	1.2191	Ave		1.1960			0.6000	2.4		20.0			
4-Isopropyltoluene	+++++ 1.6638	1.7826 1.5842	1.6737	1.6835	1.7636	Ave		1.6919				4.3		20.0			
1,4-Dichlorobenzene	+++++ 1.2436	1.3611 1.2191	1.2441	1.2034	1.2457	Ave		1.2528			0.5000	4.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.0873	2.2592 1.9884	2.1919	2.1279	2.1809	Ave		2.1393				4.4		20.0			
Benzyl chloride	+++++ 1.3224	1.3959 1.2852	1.3151	1.3343	1.3234	Ave		1.3294				2.8		20.0			
Indan	+++++ 2.0971	2.3137 1.9335	2.1336	2.1427	2.1457	Ave		2.1277				5.7		20.0			
p-Diethylbenzene	+++++ 0.9655	1.0639 0.9583	0.9911	0.9686	1.0018	Ave		0.9915				3.9		20.0			
n-Butylbenzene	+++++ 0.7912	0.8606 0.7800	0.8061	0.7962	0.7943	Ave		0.8047				3.6		20.0			
1,2-Dichlorobenzene	+++++ 1.1816	1.1743 1.1432	1.1681	1.1577	1.1765	Ave		1.1669			0.4000	1.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.6153	1.7567 1.5442	1.6826	1.6363	1.6652	Ave		1.6501				4.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1406	0.1517 0.1395	0.1340	0.1385	0.1364	Ave		0.1401			0.0500	4.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6989	0.7512 0.6881	0.7317	0.7006	0.7097	Ave		0.7134				3.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6734	0.7006 0.6714	0.6731	0.6604	0.6665	Ave		0.6742			0.2000	2.1		20.0			
Hexachlorobutadiene	+++++ 0.2125	0.2397 0.2284	0.2410	0.2332	0.2123	Ave		0.2279				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.8216	2.0654 1.7474	1.8558	1.8529	1.8676	Ave		1.8685				5.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6007	0.6642 0.6071	0.6053	0.5844	0.6028	Ave		0.6108				4.5		20.0			
Dibromofluoromethane (Surr)	0.2350 0.1950	0.2331 0.2215	0.2328	0.2353	0.2277	Ave		0.2258				6.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2706 0.2349	0.2733 0.2613	0.2777	0.2711	0.2644	Ave		0.2648				5.4		20.0			
Toluene-d8 (Surr)	1.1937 1.0306	1.2000 1.2296	1.2016	1.2050	1.1834	Ave		1.1777				5.6		20.0			
4-Bromofluorobenzene	0.3390 0.2886	0.3423 0.3546	0.3427	0.3447	0.3355	Ave		0.3353				6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-903054/3	J88840.D
Level 2	STD1 460-903054/4	J88841.D
Level 3	STD5 460-903054/5	J88842.D
Level 4	STD20 460-903054/6	J88843.D
Level 5	STD50 460-903054/7	J88844.D
Level 6	STD200 460-903054/8	J88845.D
Level 7	STD500 460-903054/9	J88846.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 51713	261 133543	1281	4702	11868	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 674028	2075 1643228	13812	55526	137164	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 90977	503 234662	2253	8691	22076	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 682744	3372 1802176	16229	65249	158602	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 668028	3374 1681596	15592	63572	159737	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	878 677725	3462 1633556	15907	64692	161024	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 310326	1306 896402	6073	25557	67586	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 328779	1729 803289	8097	33143	83352	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 925955	4979 2321021	23683	94082	237639	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 763072	4033 1828544	19679	78131	196259	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 1832304	9755 4160388	45352	173486	462802	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 21924	95 75099	598	2063	6752	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 466877	2238 1145521	11841	47090	120412	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	+++++ 558434	2945 1407605	13245	52893	142163	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 395930	2001 961703	10071	38872	100368	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 738366	4129 1800496	20286	75527	197528	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 529238	2695 1199275	12549	48220	129701	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 70984	1548 145490	5943	12460	34600	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 476239	2648 1161053	12944	46840	124204	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 856868	4895 2022817	16284	70384	155193	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 767817	2684 1841191	14138	61769	187973	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 151158	858 441542	3836	14887	45031	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1820090	10298 4417580	47257	181460	476530	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 315343	1786 745250	8360	32333	83864	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 921502	4753 2329221	23067	90322	226978	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1281765	6296 2889244	30643	118825	318857	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	QuaF	+++++ 598806	1611 1584341	13225	51434	155120	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++	3055	14134	55534	143744	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			553609	1372896				200	500			
2-Methyl-2-propanol	TBAd9	Ave	+++++ 274381	2007 773683	6848	28091	76248	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1605798	8166 4079978	39254	160861	406976	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 567996	3169 1363511	14110	55521	146155	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	2147 1850096	9241 4628810	45543	189978	479538	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 571145	3019 1394417	15354	54931	142508	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2198116	12522 5425072	58087	222650	574329	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1092880	6039 2633687	29223	116900	300293	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 2067855	11695 4702367	68120	248494	584241	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 521546	2787 1326850	13045	51114	133356	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1883016	9928 4703532	47969	191492	484990	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 288201	1943 698106	7087	28508	72883	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 612127	3673 1509556	15868	63213	163999	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 112283	757 281187	3375	11750	29492	+++++ 400	2.00 1000	10.0	40.0	100
Methyl Ethyl Ketone	BUT	Ave	+++++ 252797	1364 647250	5621	23648	61009	+++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	+++++ 504387	2434 1264389	15510	52568	129339	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 604495	3498 1552656	14610	63515	159734	+++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	+++++ 288771	1838 717530	7279	30020	76183	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 105898	792 270100	2875	12452	29841	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2172564	11500 4937868	53049	220652	565234	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1084079	5799 2404118	26987	103200	271791	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 744265	3618 1784334	18070	67731	172157	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 936076	4596 2311981	22878	89039	225321	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 826094	4330 2039878	19550	75696	199471	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 901711	4451 2256334	21892	85317	223444	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 638632	3387 1609549	13199	60963	164487	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1136123	6019 2893231	28253	107121	286391	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2471731	13020 6012502	62656	245977	637571	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1960673	10073 4825809	49072	197932	501328	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 450443	1612 1126020	12202	44390	115238	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 887050	4834 2051051	22183	85630	224095	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 252959	1425 628303	6056	22573	61302	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 170357	476 490501	3798	16436	50254	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++	3538	16340	63484	167008	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			666401	1669344				200	500			
Methylcyclohexane	FB	Ave	+++++ 686149	3374 1615464	16315	63348	169873	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1402721	7329 3296220	33705	135518	354783	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 732681	3871 1773437	18154	71021	183324	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 276272	1469 668381	7091	26973	70757	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 44770	547 141916	1537	5336	13642	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 412239	2375 944959	10038	40665	103752	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 959266	4743 2256995	24435	97112	248517	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 868560	4424 2113279	20570	81931	216577	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 314042	2372 752690	8078	31531	78566	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 397597	2024 946206	9839	40706	103578	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1333 889355	4382 2130163	22377	88852	226822	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1116223	5571 2659058	26995	108148	279916	+++++ 200	1.00 500	5.00	20.0	50.0
methyl isobutyl ketone	BUT	Ave	+++++ 2917784	16091 6500085	74866	309205	774660	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2461139	13136 5746873	62591	245248	628883	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 978868	4879 2271300	23578	93809	245839	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++	3972	18685	73894	192656	+++++	1.00	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			745175	1706401				200	500			
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 477970	2514 1134949	12128	47586	122472	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 591904	3194 1413073	14848	57698	150732	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 881503	4805 2058515	21948	88447	228439	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 974431	4731 2247304	24382	97206	245219	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 1000513	5032 2261047	24849	105116	263277	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 617260	2851 1469622	14640	58491	153118	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 545957	2681 1291058	13737	54609	140407	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1468086	7728 3412362	36678	146822	378960	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 774011	4074 1783760	19535	76818	196982	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 547756	2608 1262077	13705	54301	140130	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 908470	5251 2149692	24169	92295	238664	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 906045	4831 2124262	23065	92544	238695	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	+++++ 433433	2282 1048392	11030	44810	114565	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1525667	7661 3580348	37637	151643	394529	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 379552	1846 969331	8629	34781	92974	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1060408	5002 2597168	27093	110276	283284	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1967030	10686 4535812	51256	203934	521696	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 617827	3082 1564860	15415	61694	156775	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 592575	2903 1516511	15688	60368	148738	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2250035	11565 5432251	58205	229757	596353	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 142691	699 364075	3718	14574	36288	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 177840	1081 463354	4294	18035	45710	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1646587	8403 4076025	41448	164214	433322	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1835127	10185 4515597	47244	186647	491132	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1564531	8368 3946661	39399	160555	412729	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1602492	7472 4094769	41304	165953	399364	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 670081	3304 1764395	16606	67264	175545	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1146712	6392 2882007	30810	119511	309057	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1628890	8791 4175901	42657	165835	430451	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1569948	8555 4006712	41429	160768	417963	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 995534	4904 2621850	23511	97322	249674	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1372119	7109 3555945	33997	137185	361170	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1025608	5428 2736609	25270	98062	255108	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1721369	9010 4463301	44523	173397	446635	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1090595	5567 2884946	26712	108725	271027	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 1729463	9227 4340032	43339	174597	439422	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
p-Diethylbenzene	DCBd 4	Ave	+++++ 796201	4243 2151148	20131	78930	205157	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 652526	3432 1750926	16374	64880	162673	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 974470	4683 2566170	23728	94338	240932	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1332082	7006 3466264	34178	133333	341029	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 115971	605 313215	2722	11285	27938	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 576347	2996 1544550	14863	57089	145336	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 555333	2794 1507052	13673	53810	136497	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 175237	956 512744	4896	19003	43472	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1502232	8237 3922411	37696	150989	382483	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 495385	2649 1362829	12295	47618	123460	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	138526 120381	139411 136085	140139	143213	140473	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159506 145043	163426 160510	167141	165017	163133	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	490234	503019	507920	513264	511844	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-279242-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			435929	492850				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	139204 122072	143505 142121	144872	146801	145127	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-Apr-2023 00:39:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0159076-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:33:58 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: W9CM Date: 14-Apr-2023 18:39:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.363	1.363	0.000	95	878	0.2500	0.2717	M
* 30 TBA-d9 (IS)	65	2.397	2.397	0.000	75	211442	1000.0	1000.0	
35 Acrylonitrile	53	2.622	2.622	0.000	93	2147	2.00	2.28	M
* 43 2-Butanone-d5	46	3.303	3.303	0.000	86	332200	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.734	3.734	0.000	96	138526	50.0	52.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.063	4.063	0.000	0	159506	50.0	51.1	
* 66 Fluorobenzene	96	4.324	4.324	0.000	98	589469	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.030	5.030	0.000	0	25424	1000.0	1000.0	
80 Epichlorohydrin	57	5.729	5.729	0.000	96	1333	5.00	5.60	M
$ 83 Toluene-d8 (Surr)	98	6.033	6.033	0.000	98	490234	50.0	50.7	
* 94 Chlorobenzene-d5	117	7.985	7.985	0.000	88	410687	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.317	9.317	0.000	93	139204	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.369	0.000	96	197155	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260MIX1COMB_00168	Amount Added:	0.00	Units: uL	
524freon_00066	Amount Added:	0.00	Units: uL	
ACROLEIN W_00151	Amount Added:	0.00	Units: uL	
GASES Li_00524	Amount Added:	2.50	Units: uL	
14DIOXINTER_00155	Amount Added:	0.00	Units: uL	
GAS Hi_00440	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00111	Amount Added:	20.00	Units: uL	
MIX I Hi_00161	Amount Added:	0.00	Units: uL	
Ethanol mix_00075	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00134	Amount Added:	0.00	Units: uL	
8FreonHi_00055	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D

Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8 Operator ID:

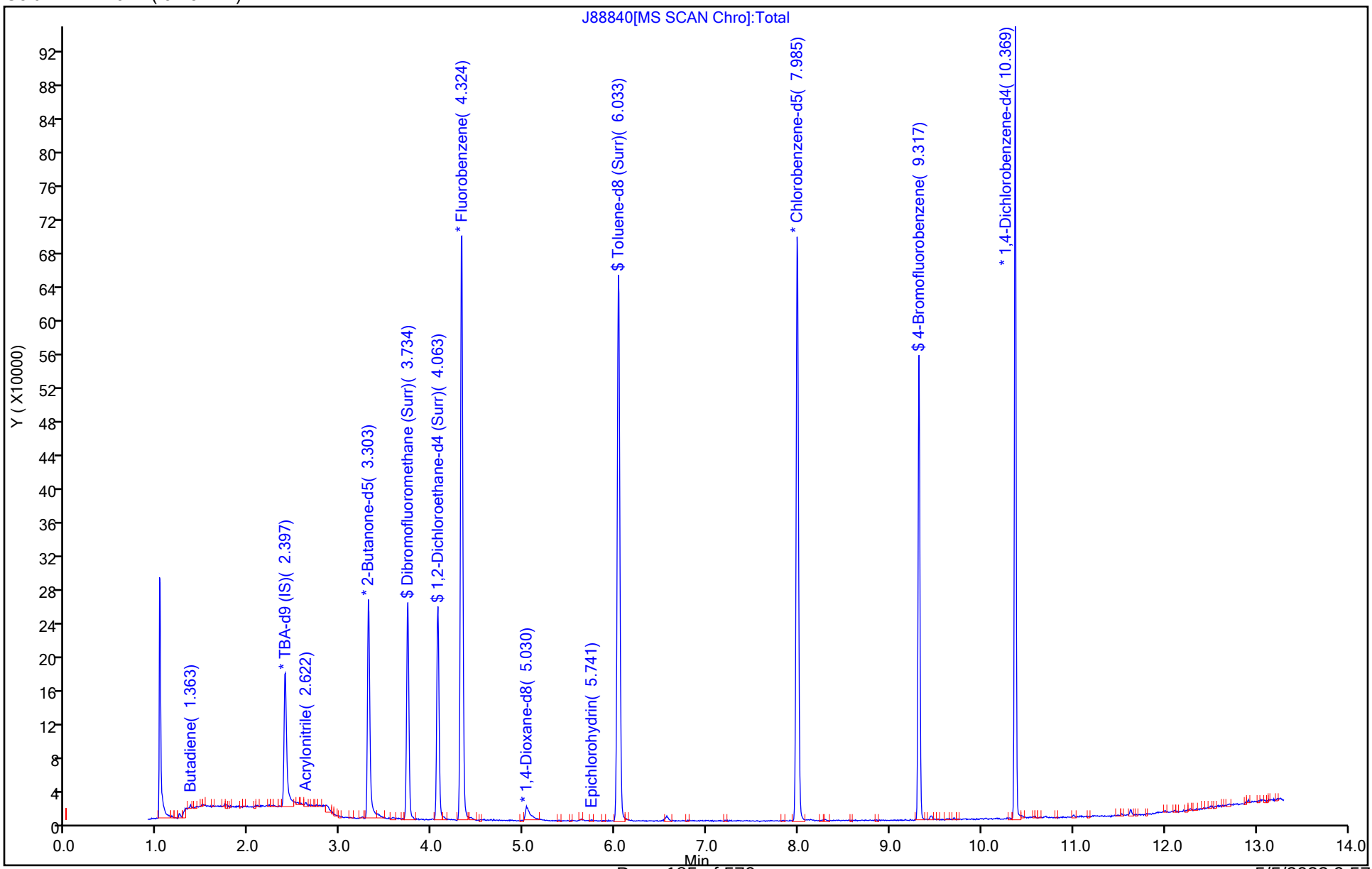
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

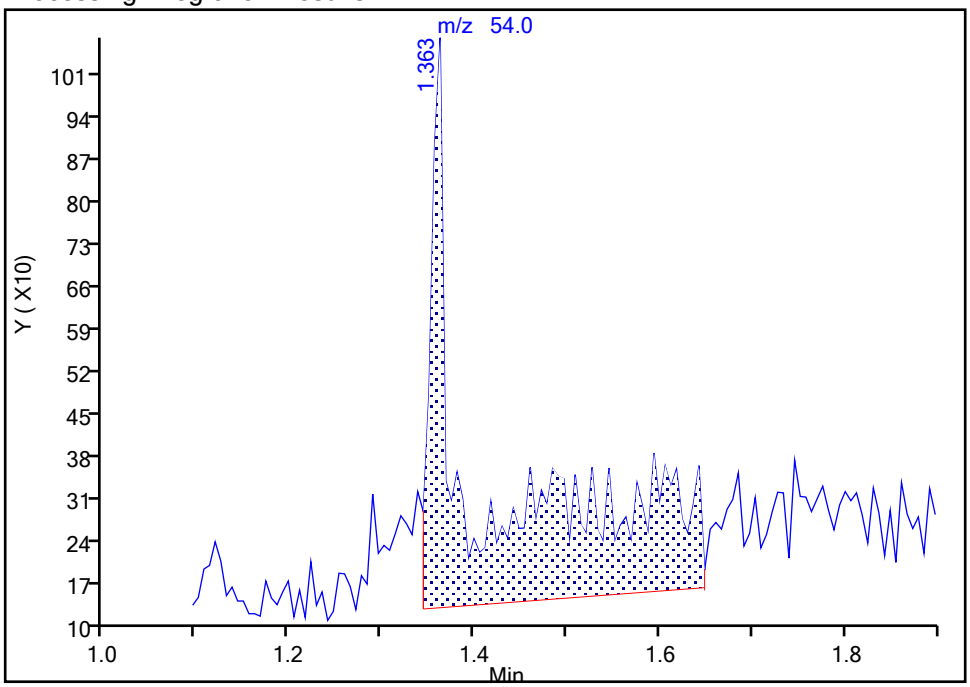
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

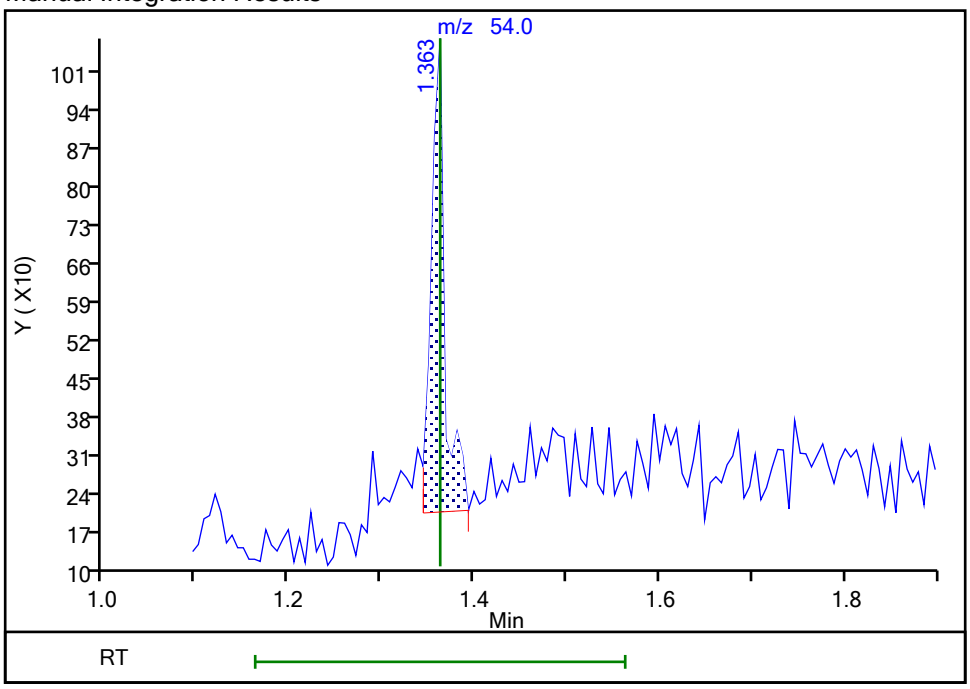
Processing Integration Results

RT: 1.36
Area: 3344
Amount: 0.250000
Amount Units: ug/l



Manual Integration Results

RT: 1.36
Area: 878
Amount: 0.271695
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 18:38:32
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

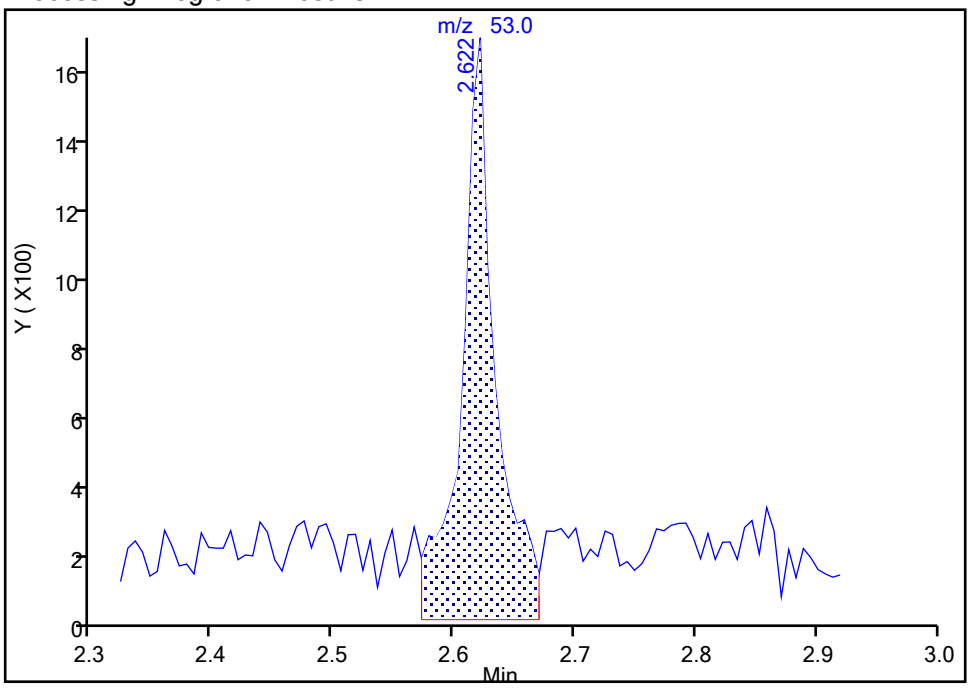
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

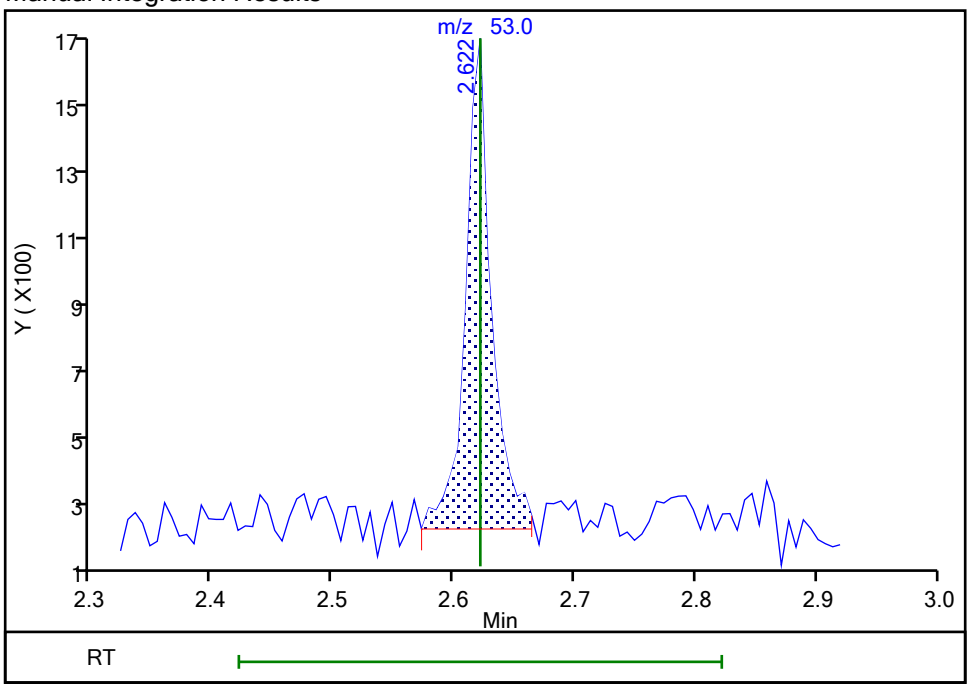
Processing Integration Results

RT: 2.62
Area: 3176
Amount: 3.520203
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 2147
Amount: 2.277225
Amount Units: ug/l



Reviewer: K0HS, 14-Apr-2023 13:22:44
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

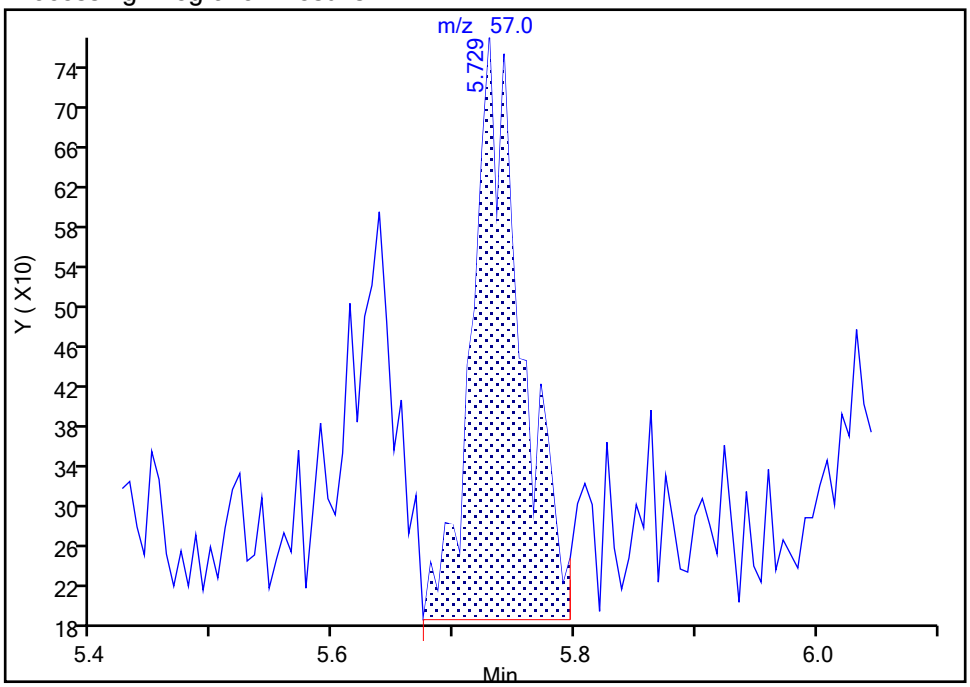
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

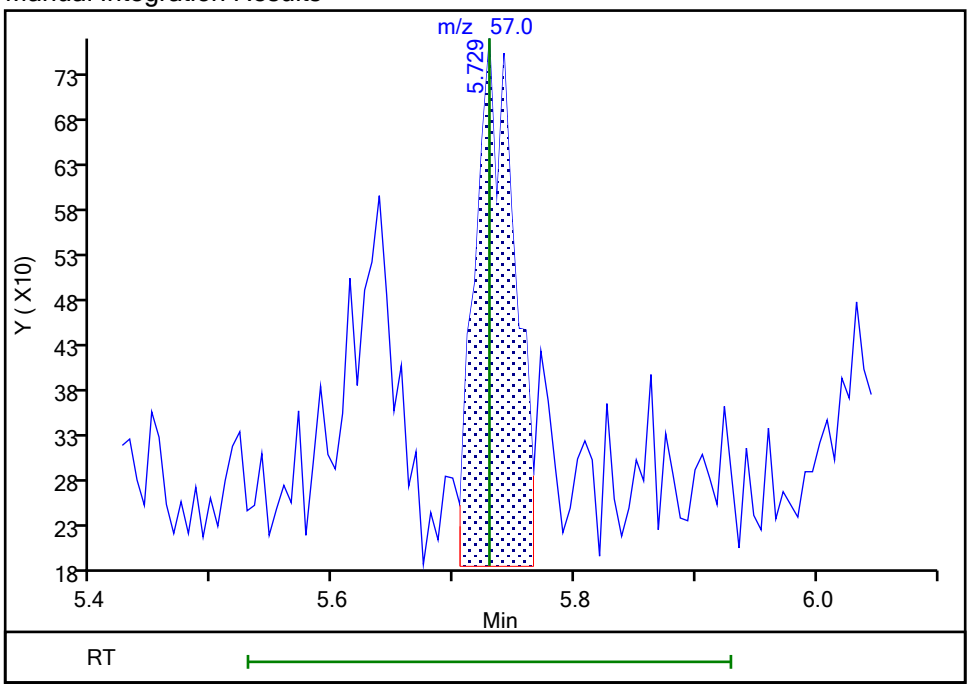
Processing Integration Results

RT: 5.73
Area: 1654
Amount: 6.761927
Amount Units: ug/l



Manual Integration Results

RT: 5.73
Area: 1333
Amount: 5.599232
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 18:39:04
Audit Action: Manually Integrated Audit Reason: Baseline

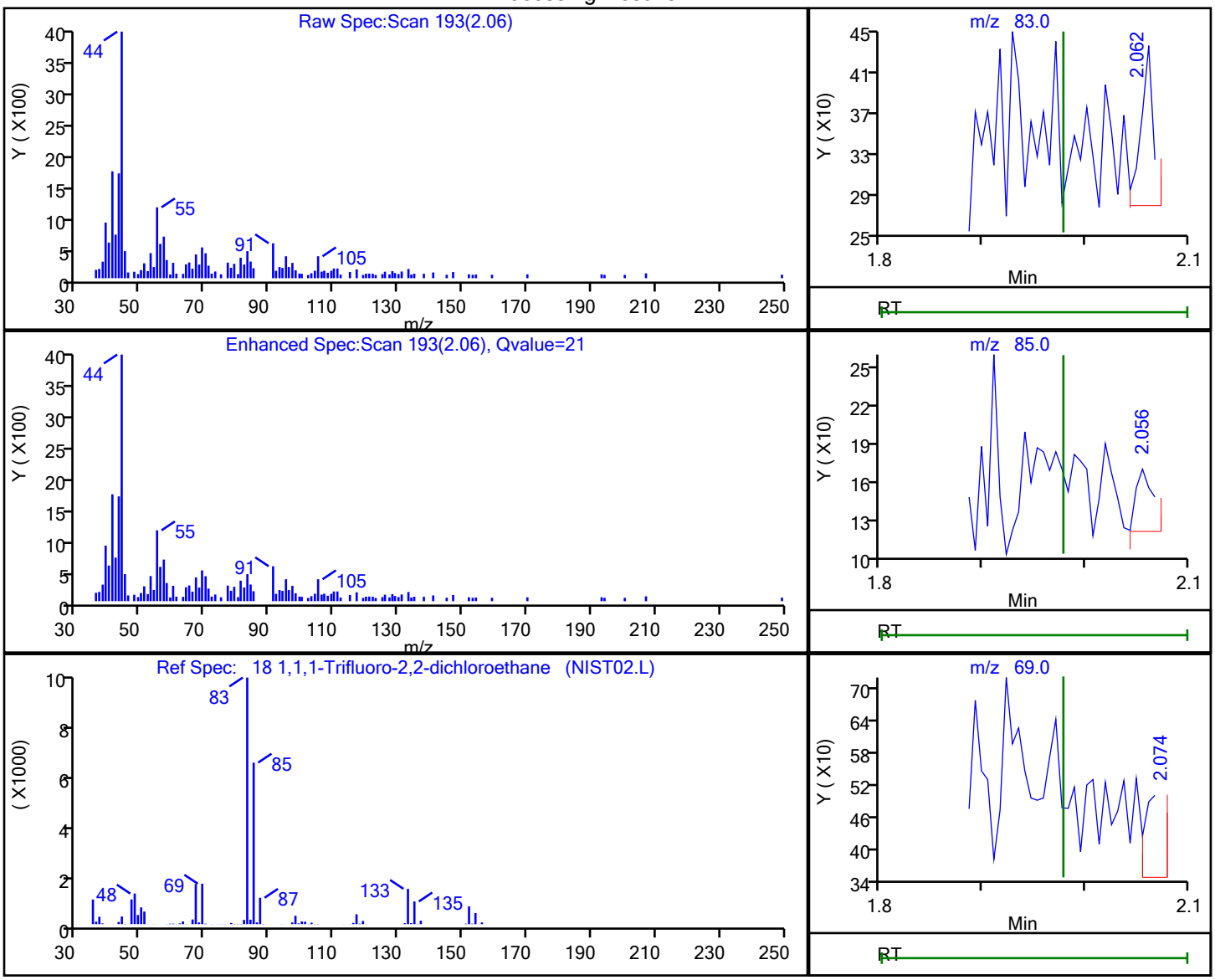
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.06	83.00	119	0.031644
2.06	85.00	51	
2.07	69.00	210	
2.06	67.00	136	

Reviewer: K0HS, 14-Apr-2023 13:22:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

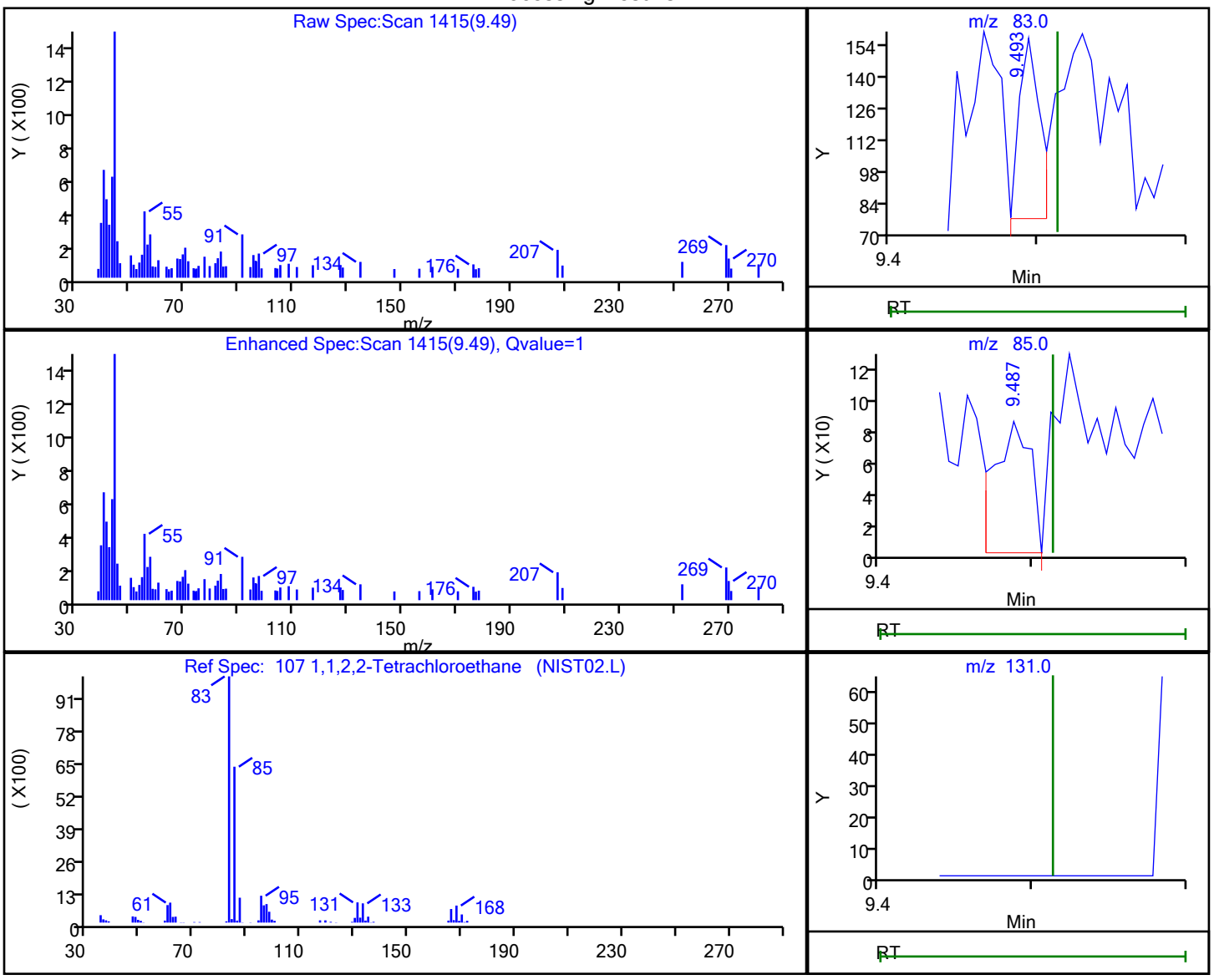
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.49	83.00	80	0.027910
9.49	85.00	144	
9.52	131.00	0	

Reviewer: K0HS, 14-Apr-2023 13:24:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

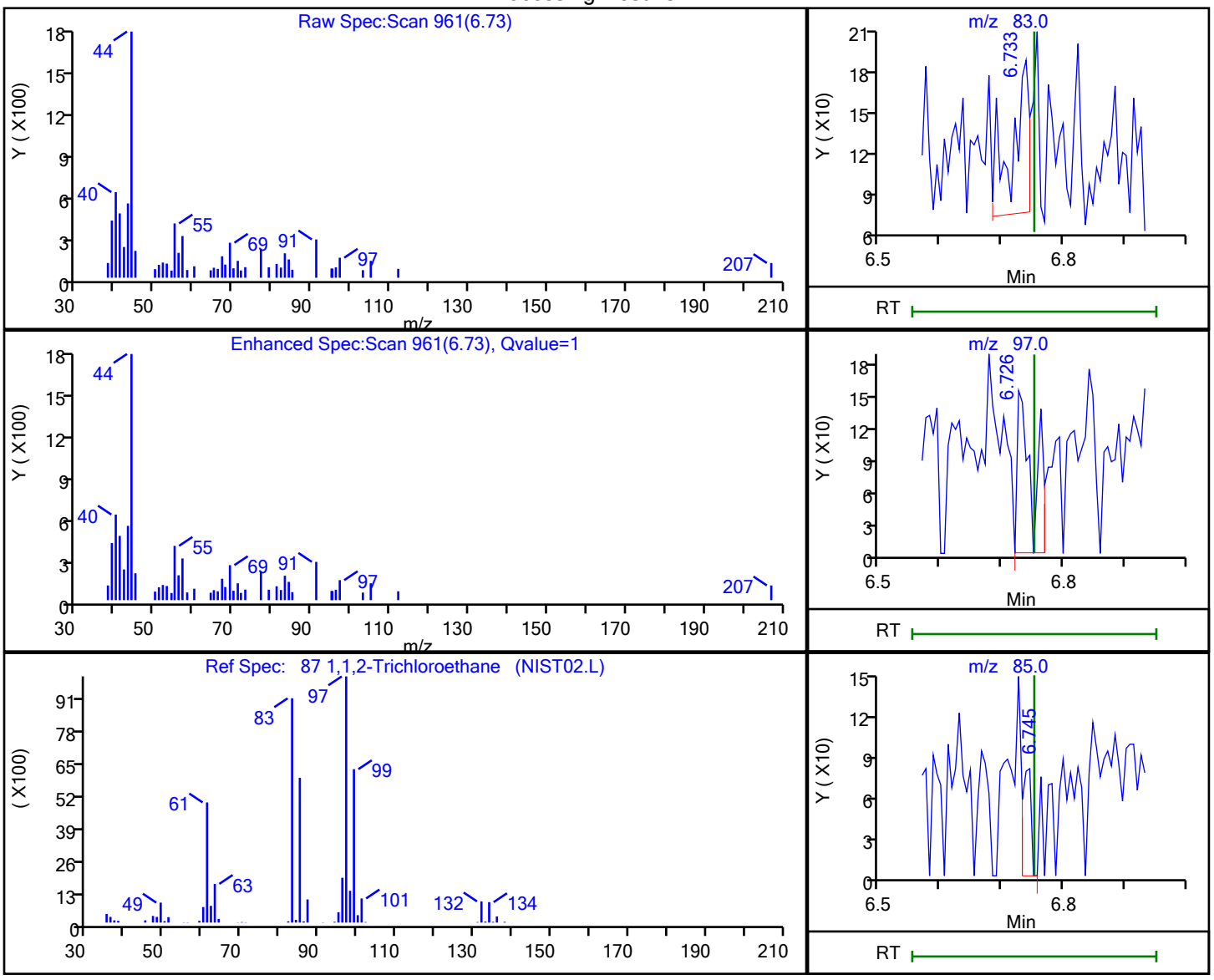
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.73	83.00	198	0.084160
6.73	97.00	267	
6.74	85.00	77	

Reviewer: K0HS, 14-Apr-2023 13:23:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

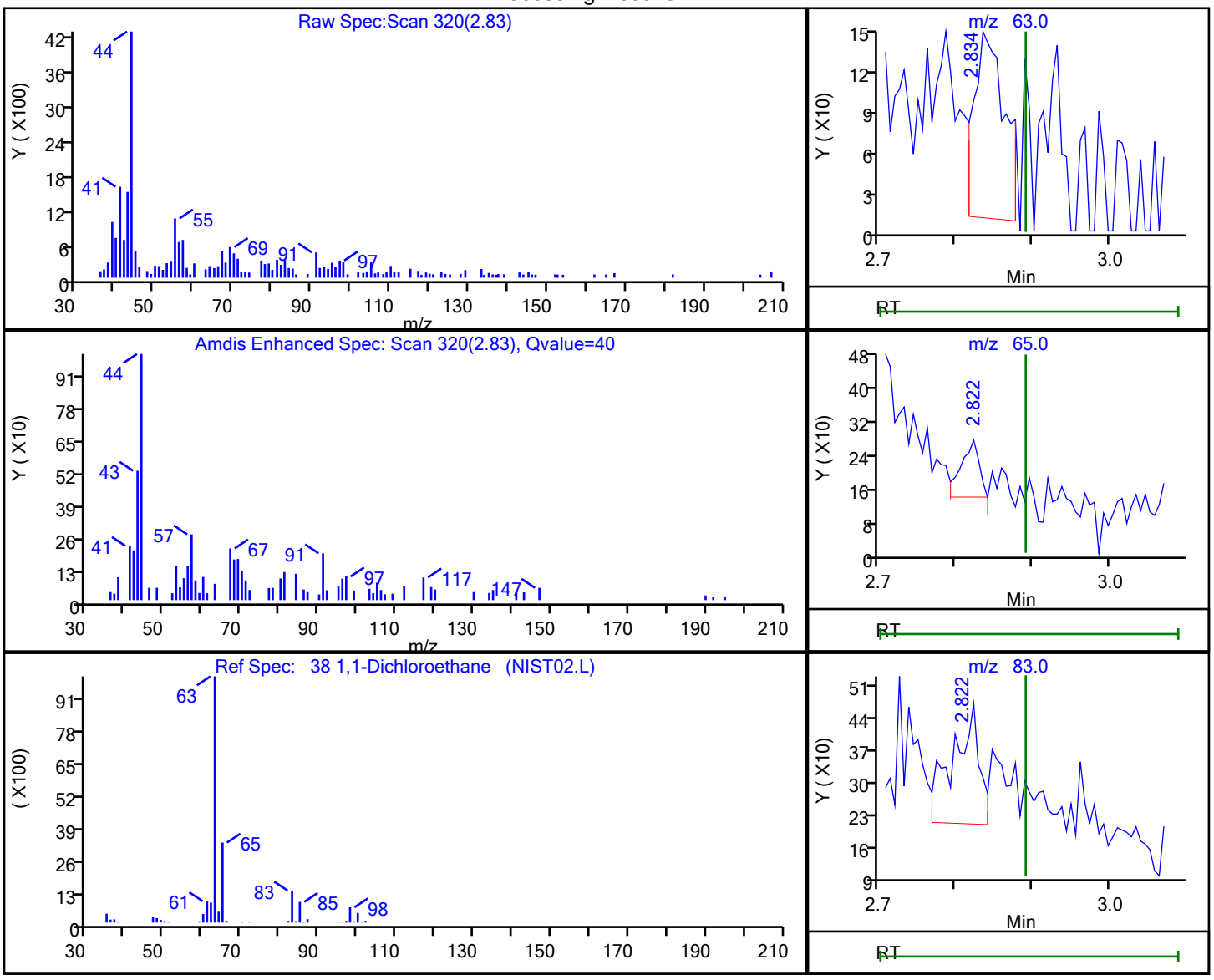
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.83	63.00	381	0.068222
2.82	65.00	226	
2.82	83.00	651	

Reviewer: K0HS, 14-Apr-2023 13:22:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

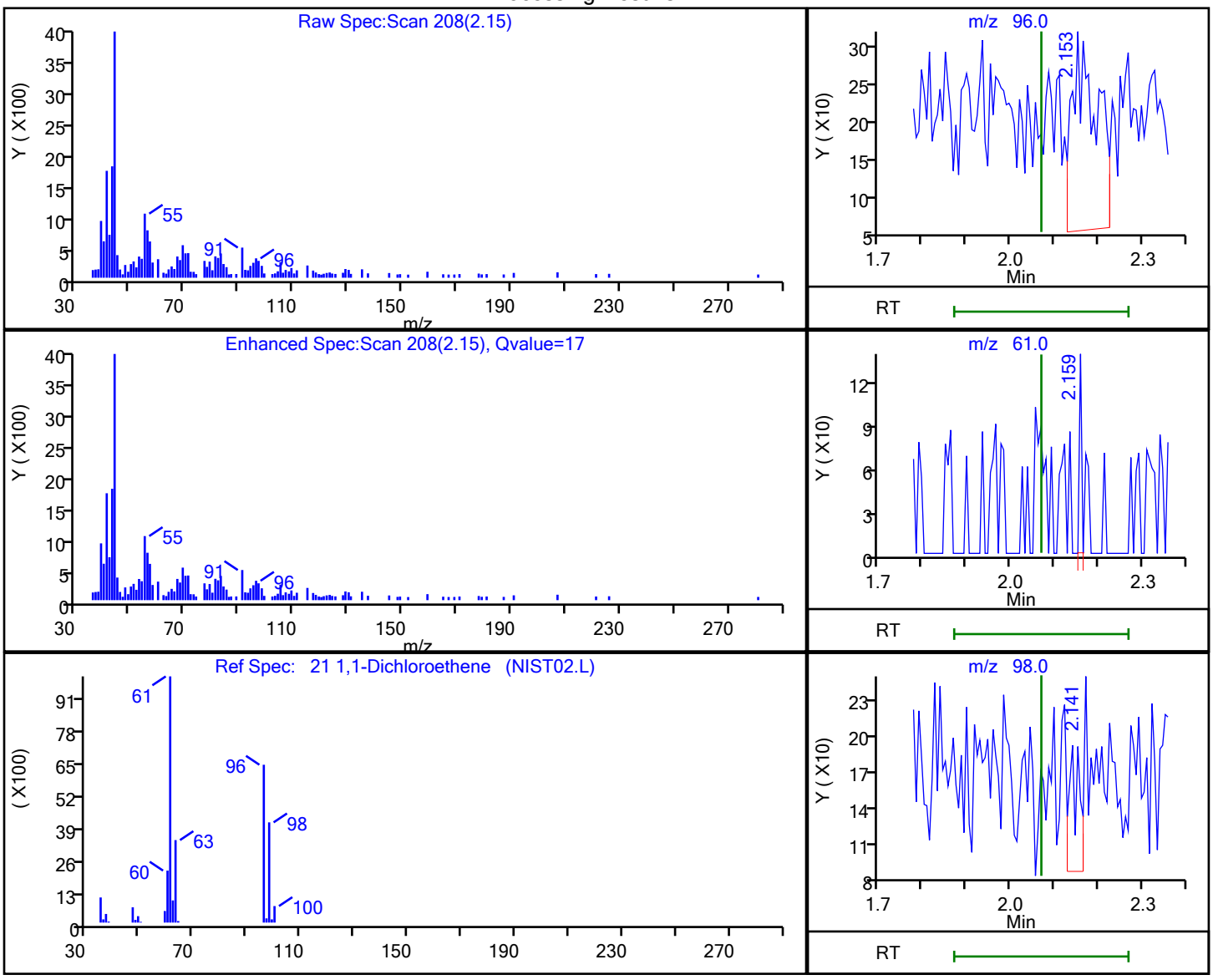
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.15	96.00	994	0.408087
2.16	61.00	48	
2.14	98.00	166	
2.16	63.00	118	

Reviewer: K0HS, 14-Apr-2023 13:22:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

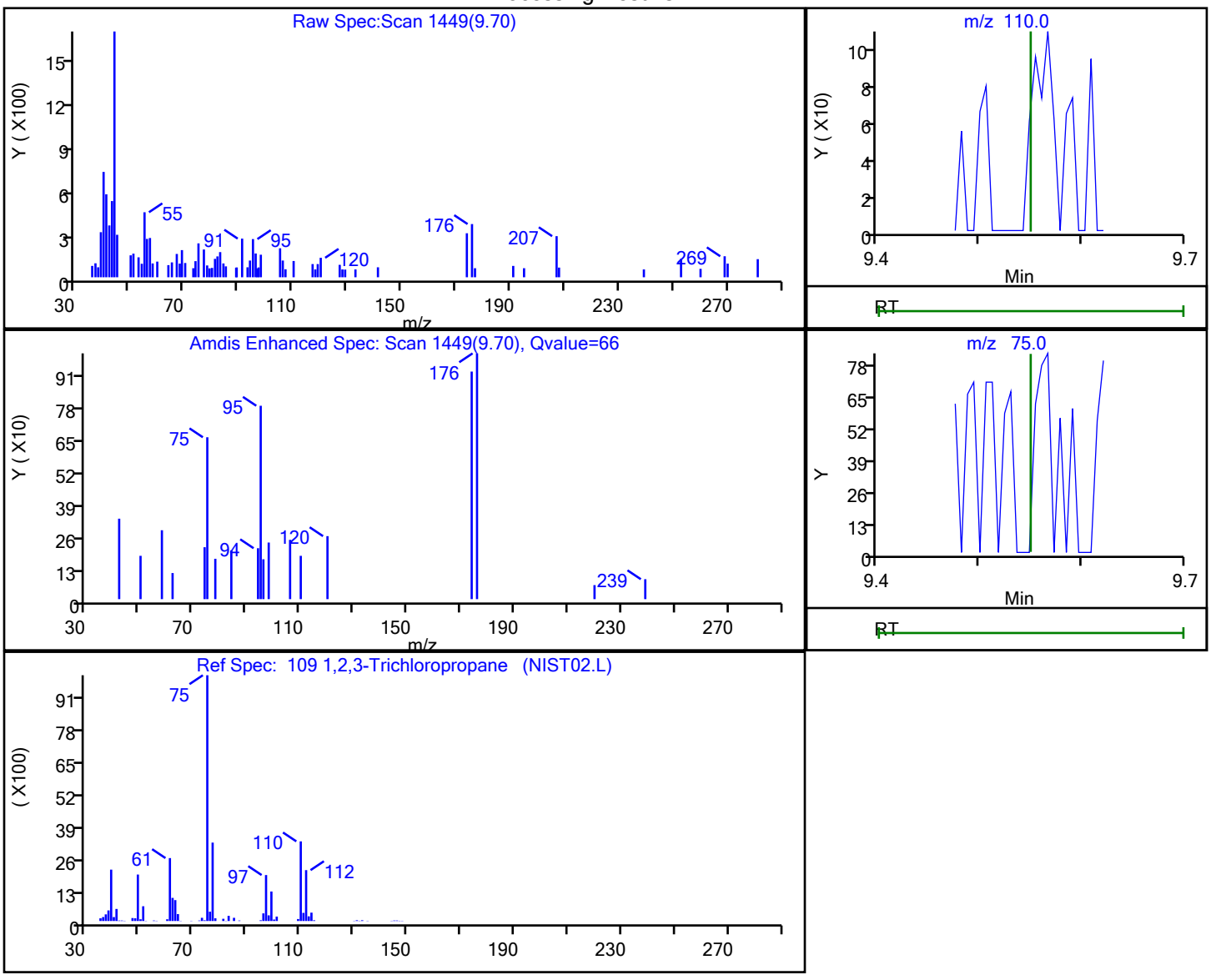
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D				
Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.70	110.00	95	0.137728
9.70	75.00	251	

Reviewer: K0HS, 14-Apr-2023 13:24:11

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

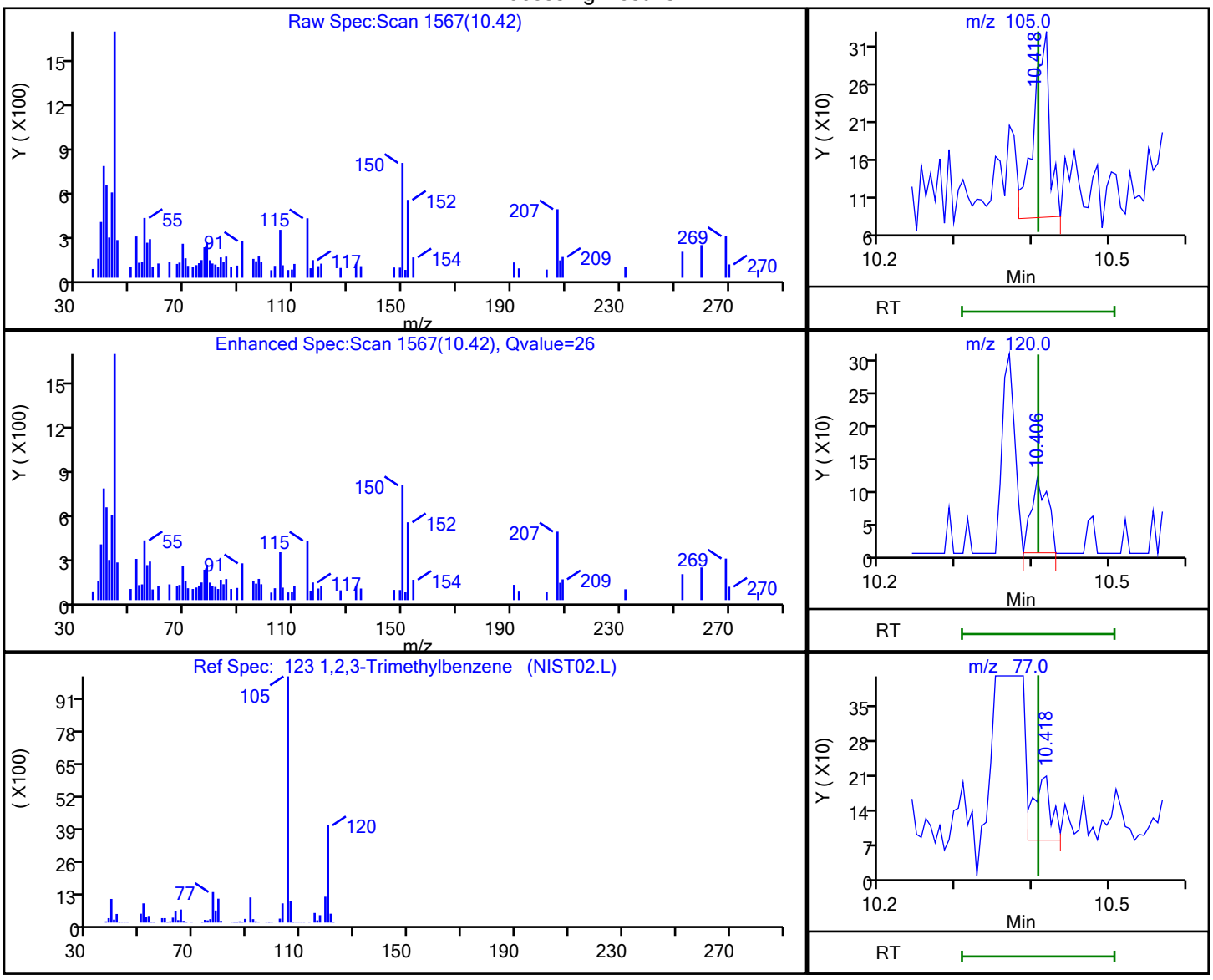
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D				
Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.42	105.00	350	0.041492
10.41	120.00	176	
10.42	77.00	215	

Reviewer: K0HS, 14-Apr-2023 13:24:33

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

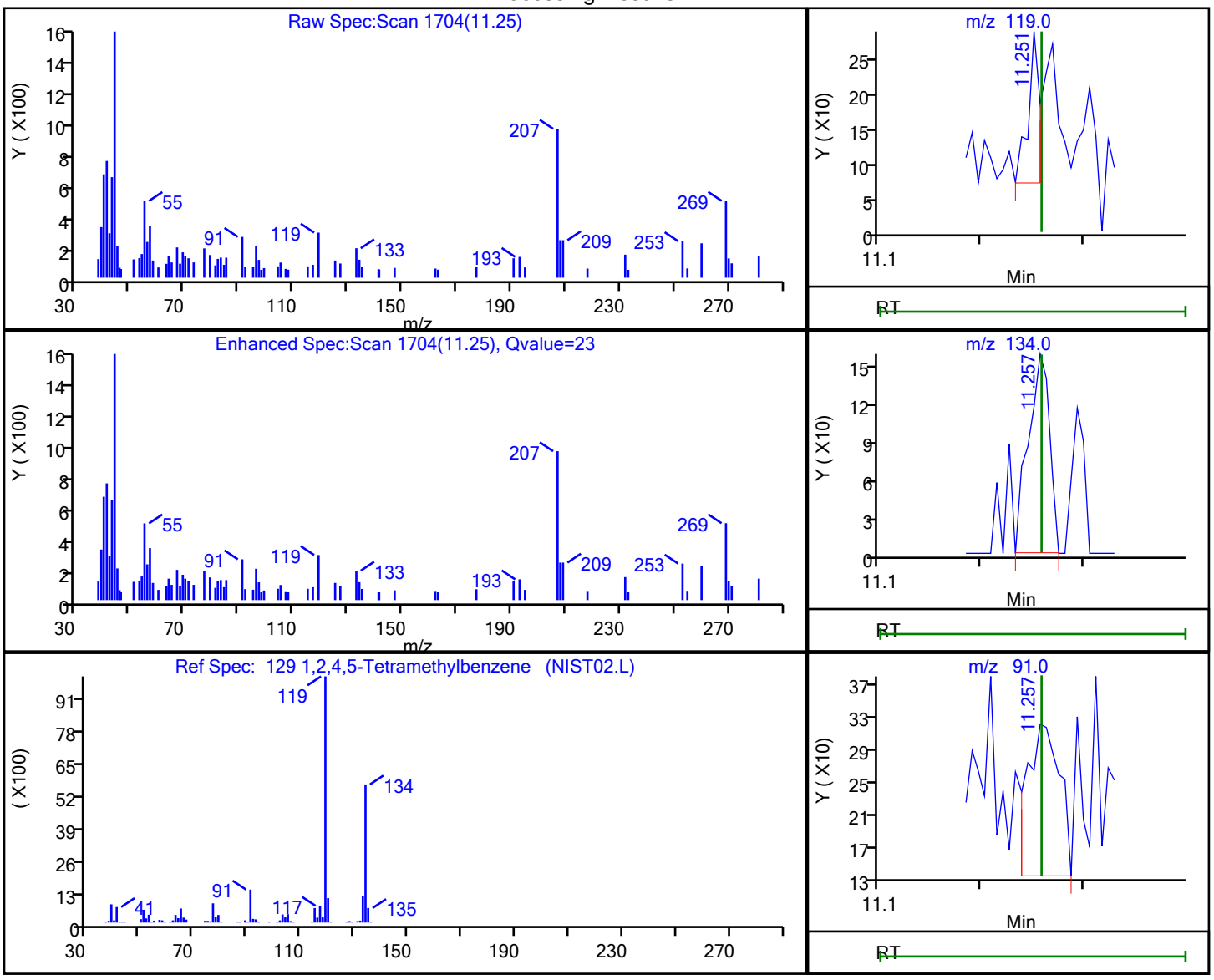
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.25	119.00	166	0.025514
11.26	134.00	225	
11.26	91.00	409	

Reviewer: K0HS, 14-Apr-2023 13:24:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

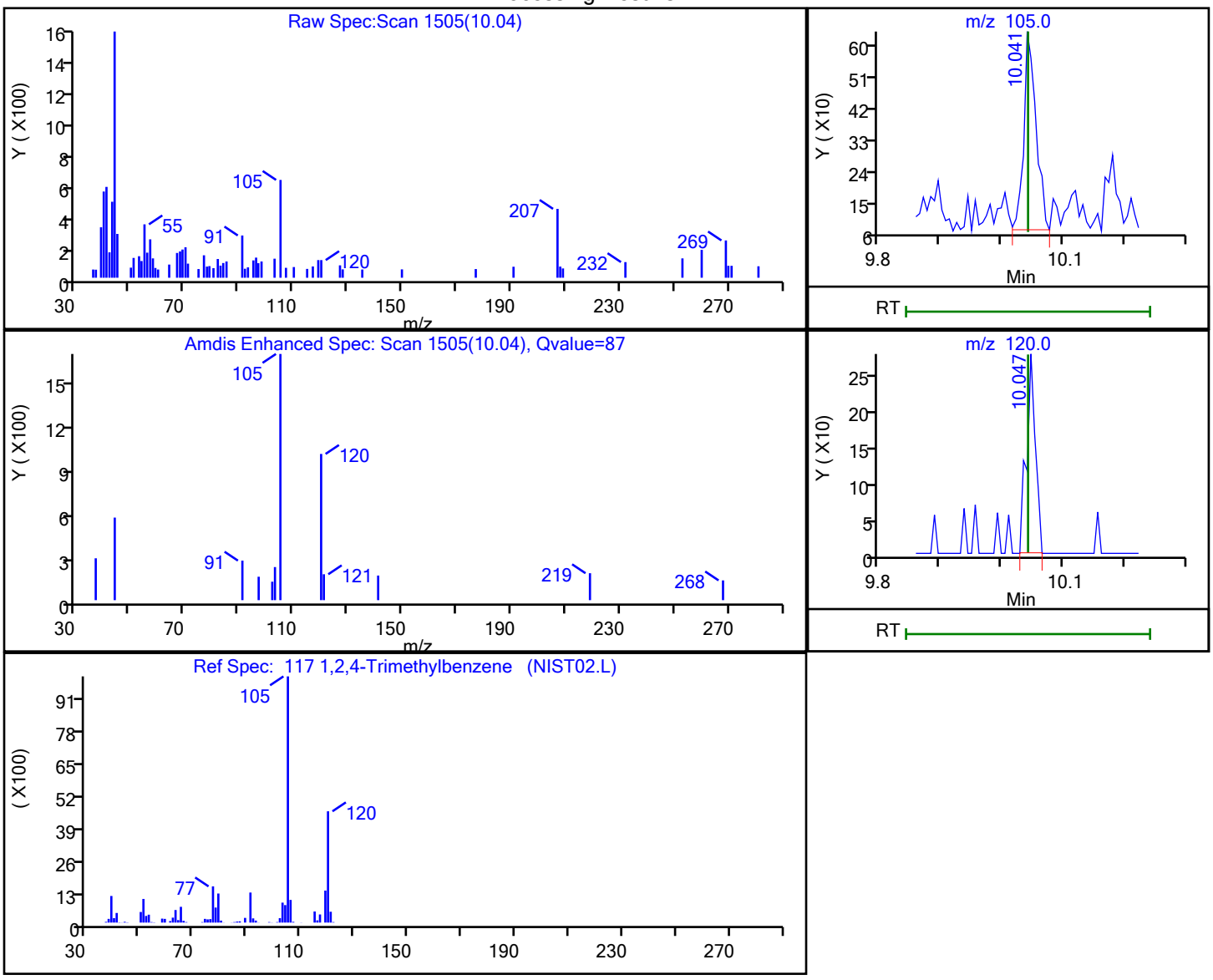
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.04	105.00	779	0.096552
10.05	120.00	280	

Reviewer: K0HS, 14-Apr-2023 13:24:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

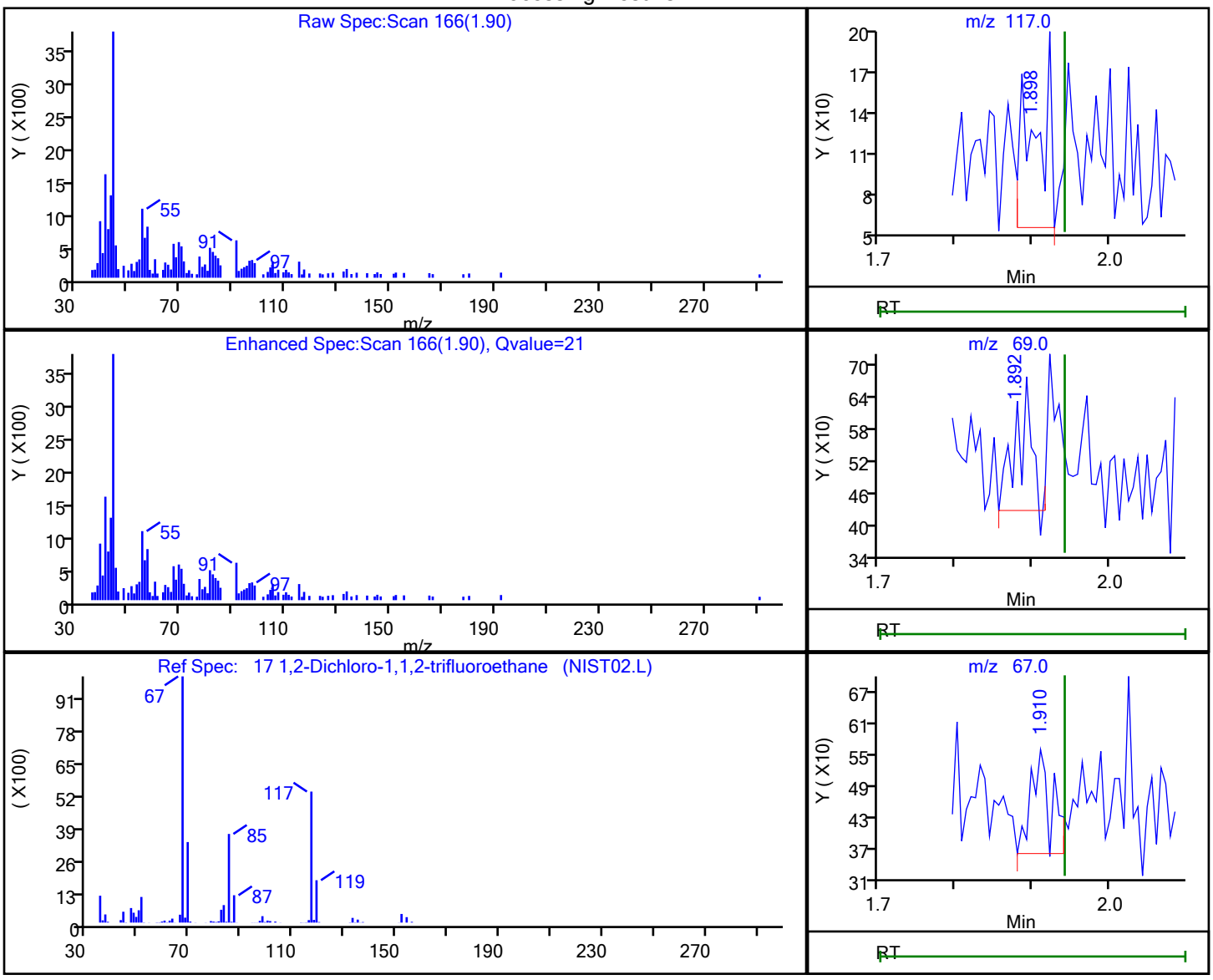
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.90	117.00	210	0.109221
1.89	69.00	351	
1.91	67.00	355	
1.89	119.00	78	

Reviewer: K0HS, 14-Apr-2023 13:22:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

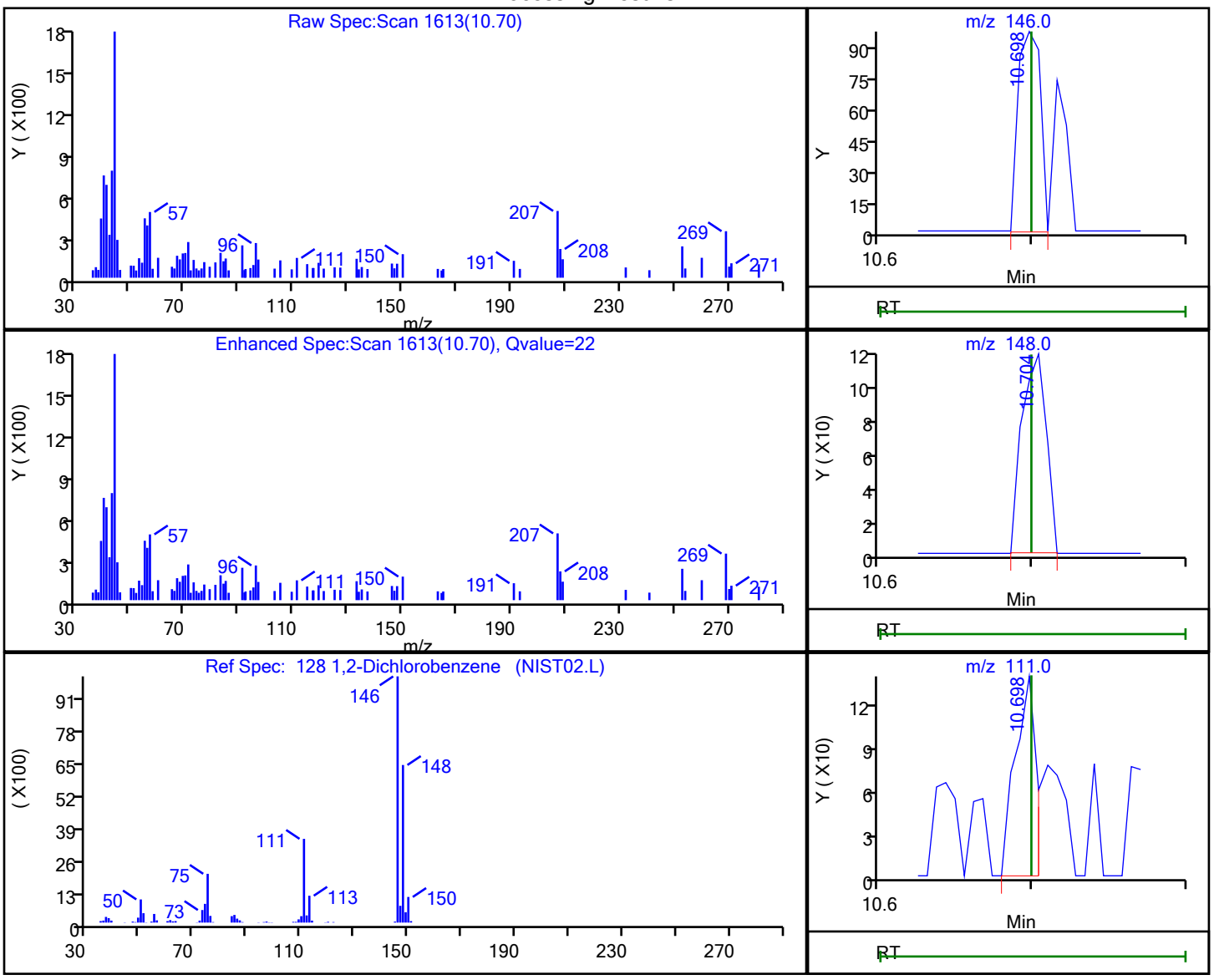
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.70	146.00	100	0.021733
10.70	148.00	125	
10.70	111.00	132	

Reviewer: K0HS, 14-Apr-2023 13:24:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

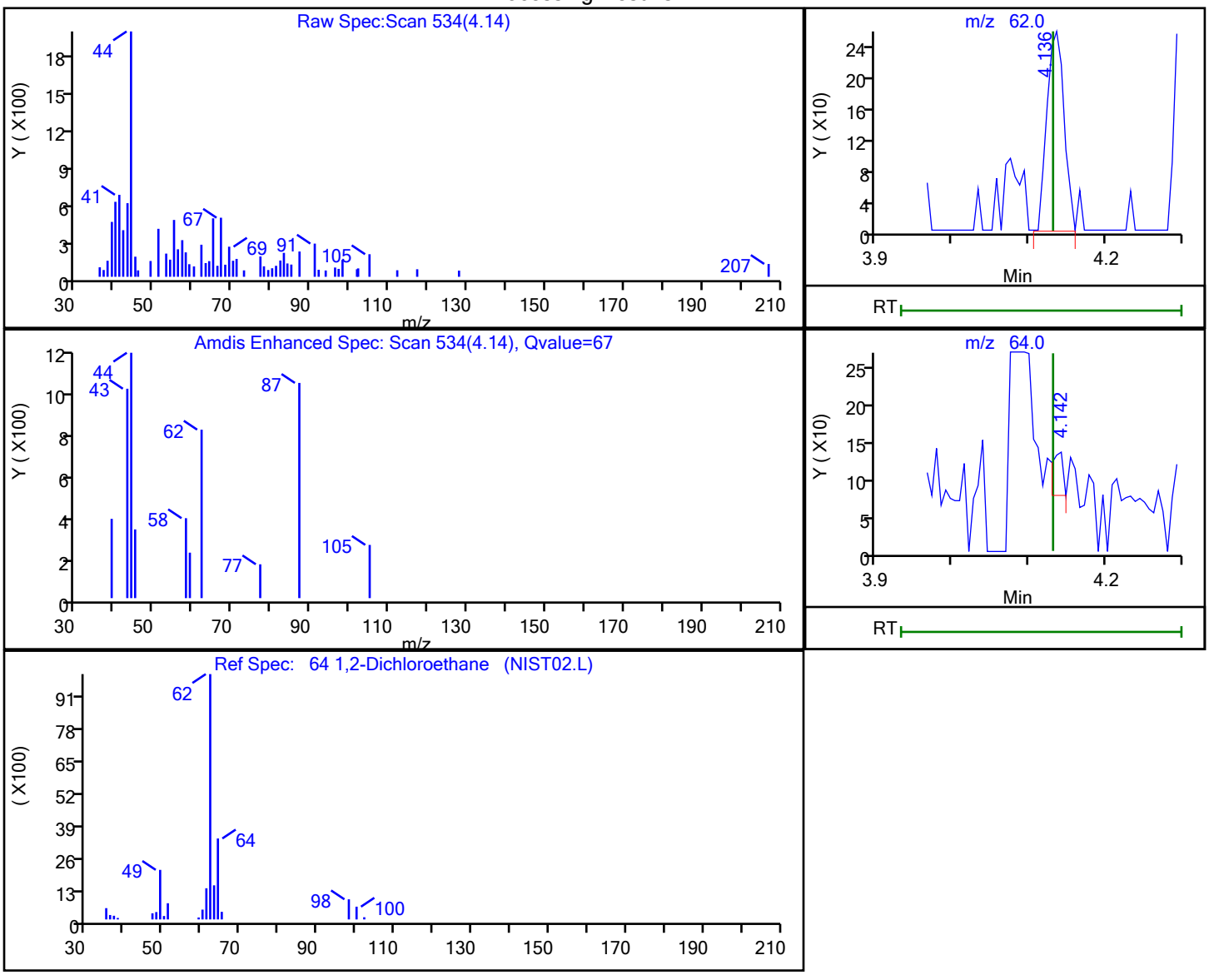
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.14	62.00	407	0.094527
4.14	64.00	57	

Reviewer: K0HS, 14-Apr-2023 13:23:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

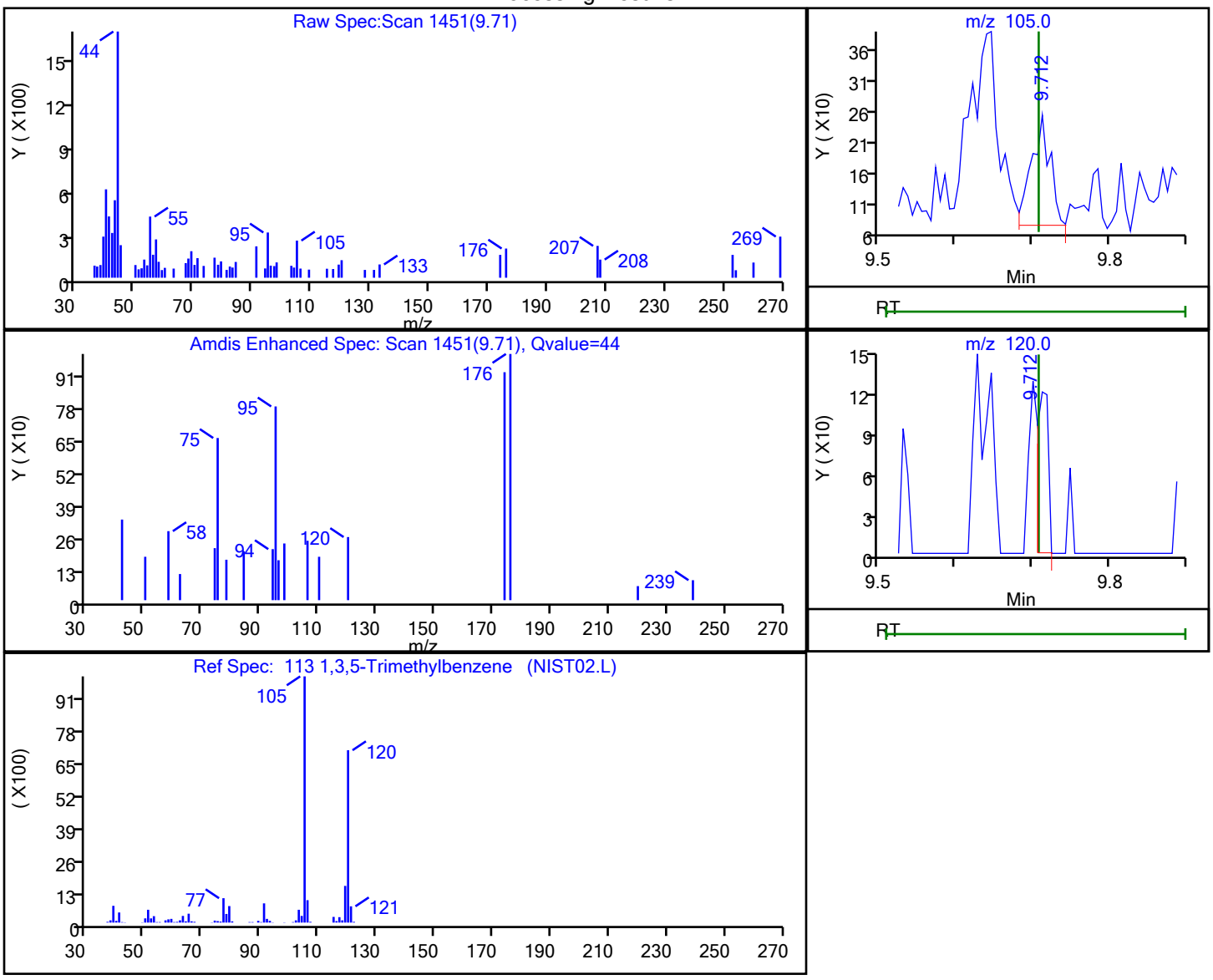
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.71	105.00	299	0.038957
9.71	120.00	120	

Reviewer: K0HS, 14-Apr-2023 13:24:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

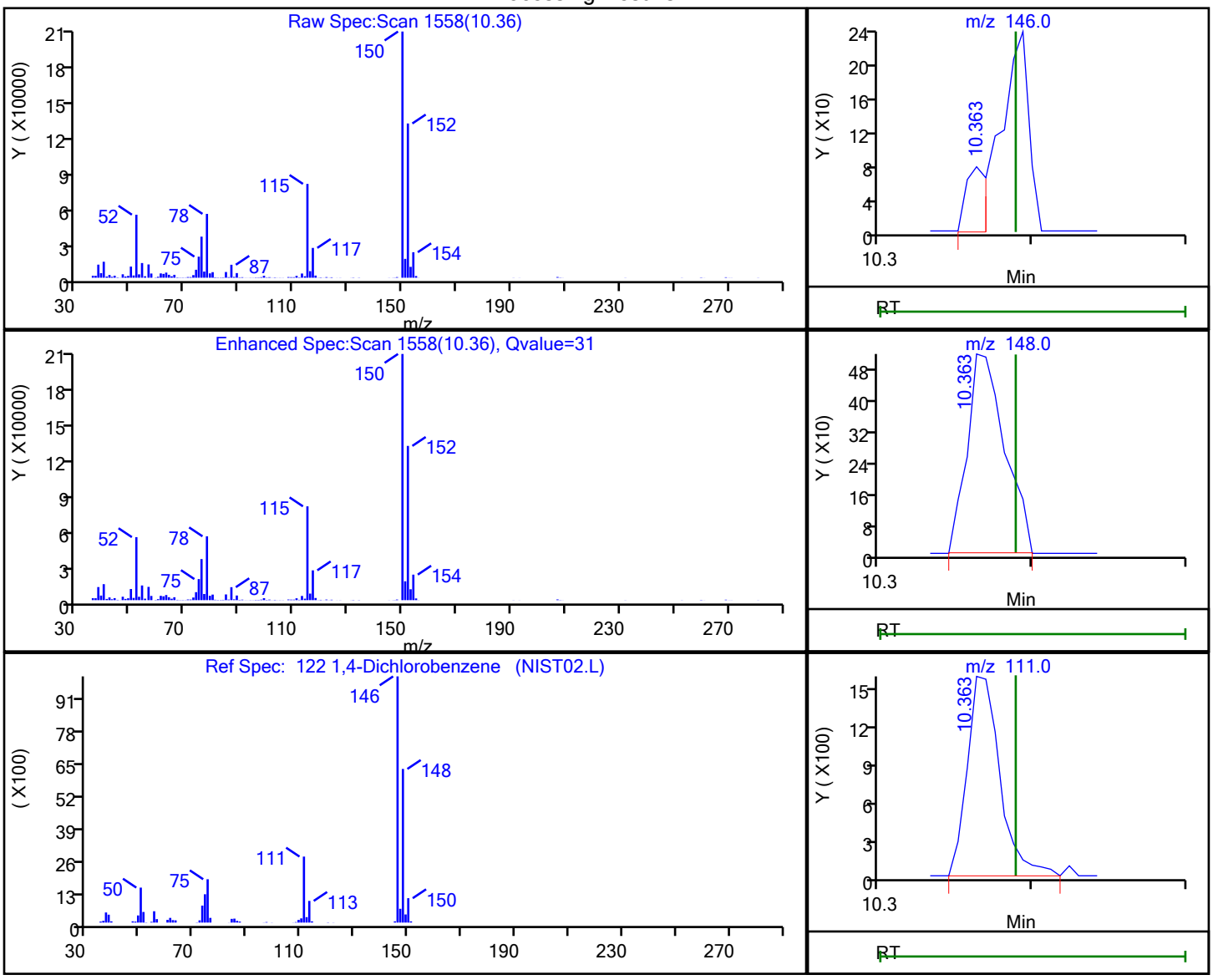
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.36	146.00	72	0.014575
10.36	148.00	876	
10.36	111.00	2327	

Reviewer: K0HS, 14-Apr-2023 13:24:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

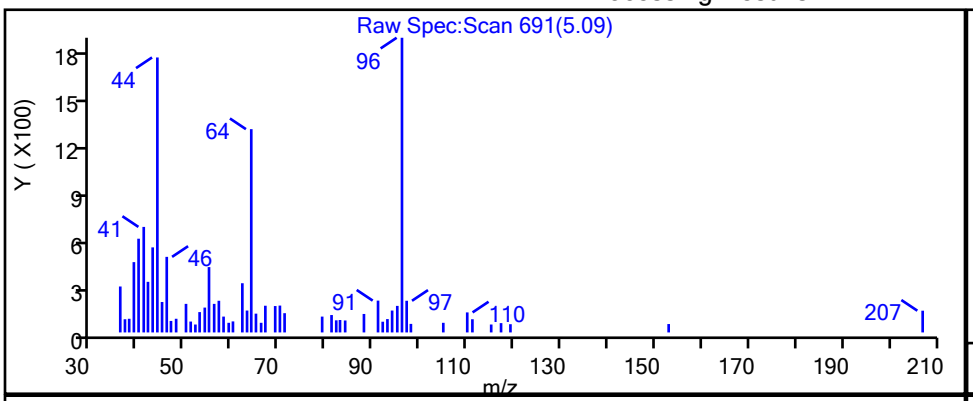
User Disabled Compound Report

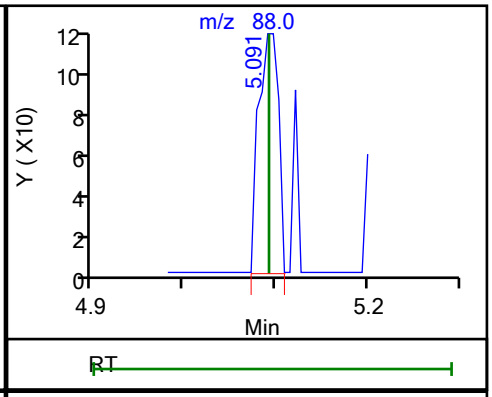
Eurofins Edison

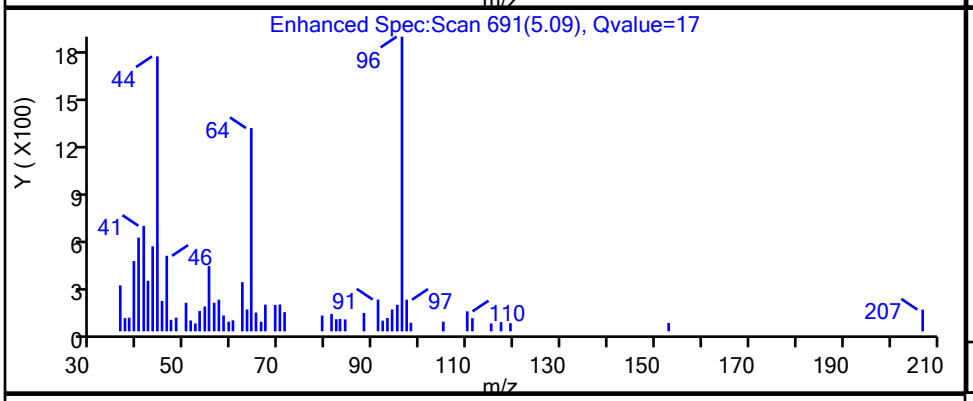
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

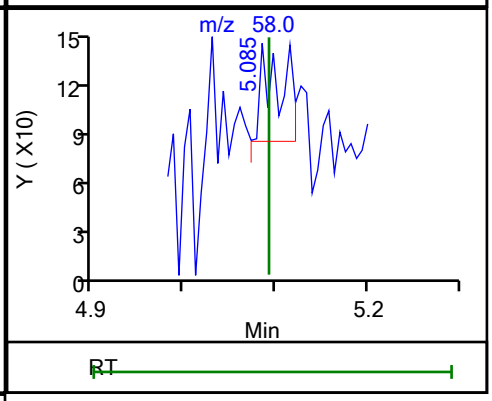
75 1,4-Dioxane, CAS: 123-91-1

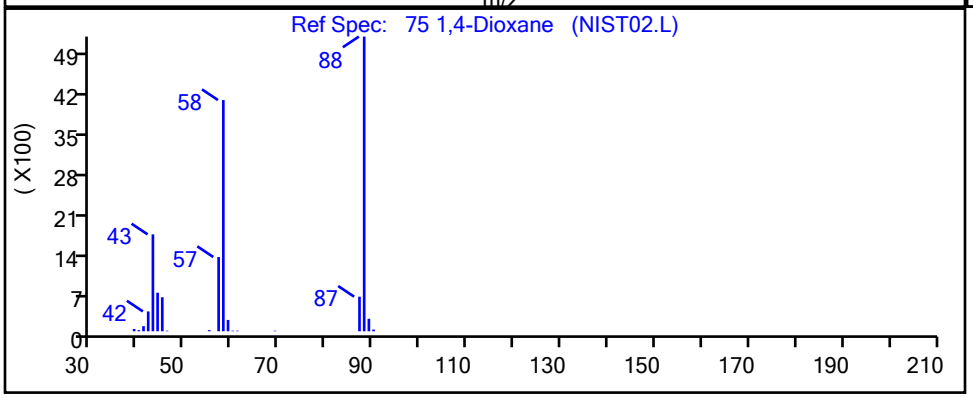
Processing Results











RT	Mass	Response	Amount
5.09	88.00	181	17.339556
5.08	58.00	93	

Reviewer: K0HS, 14-Apr-2023 13:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

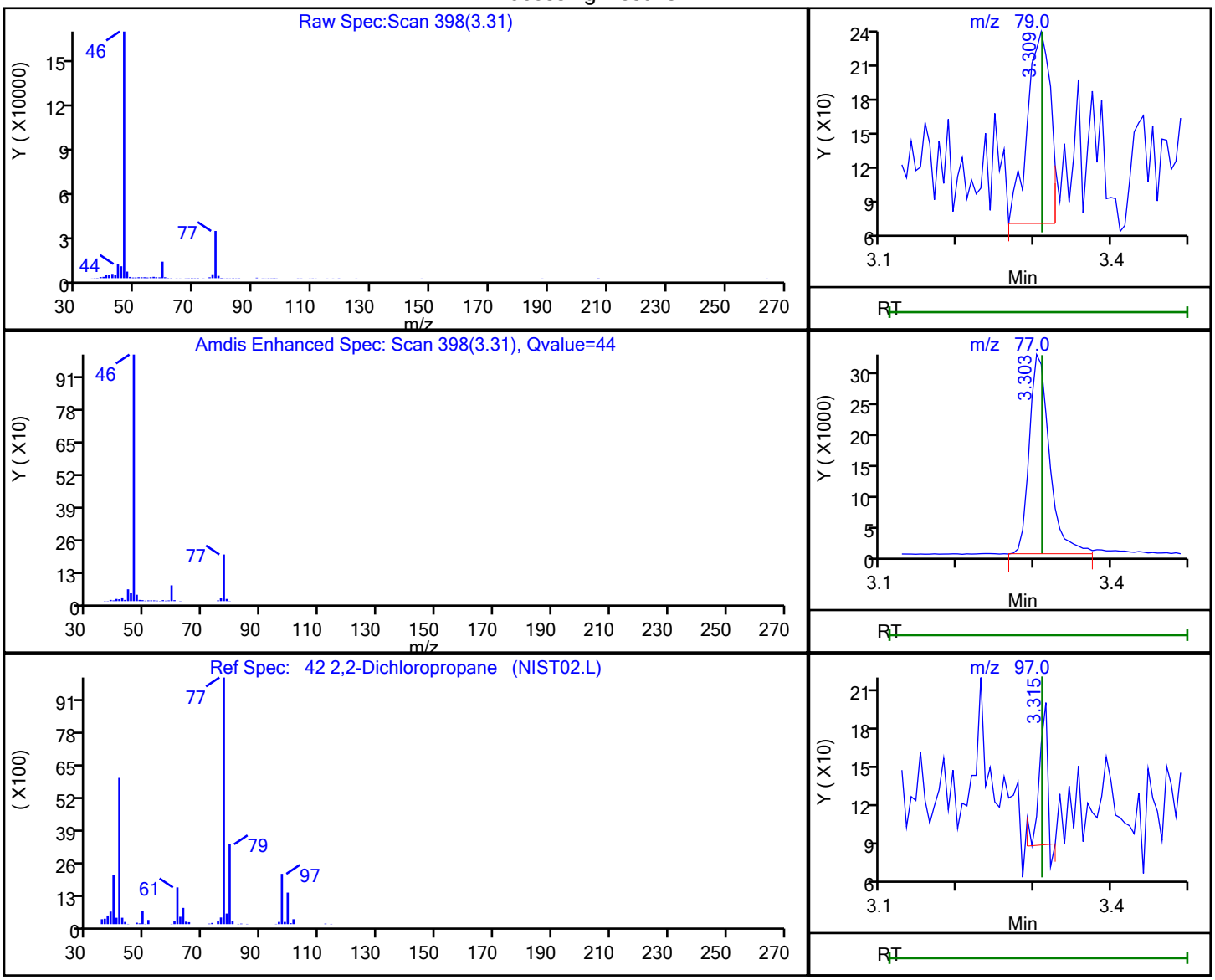
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.31	79.00	345	0.234299
3.30	77.00	60207	
3.31	97.00	78	

Reviewer: K0HS, 14-Apr-2023 13:23:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

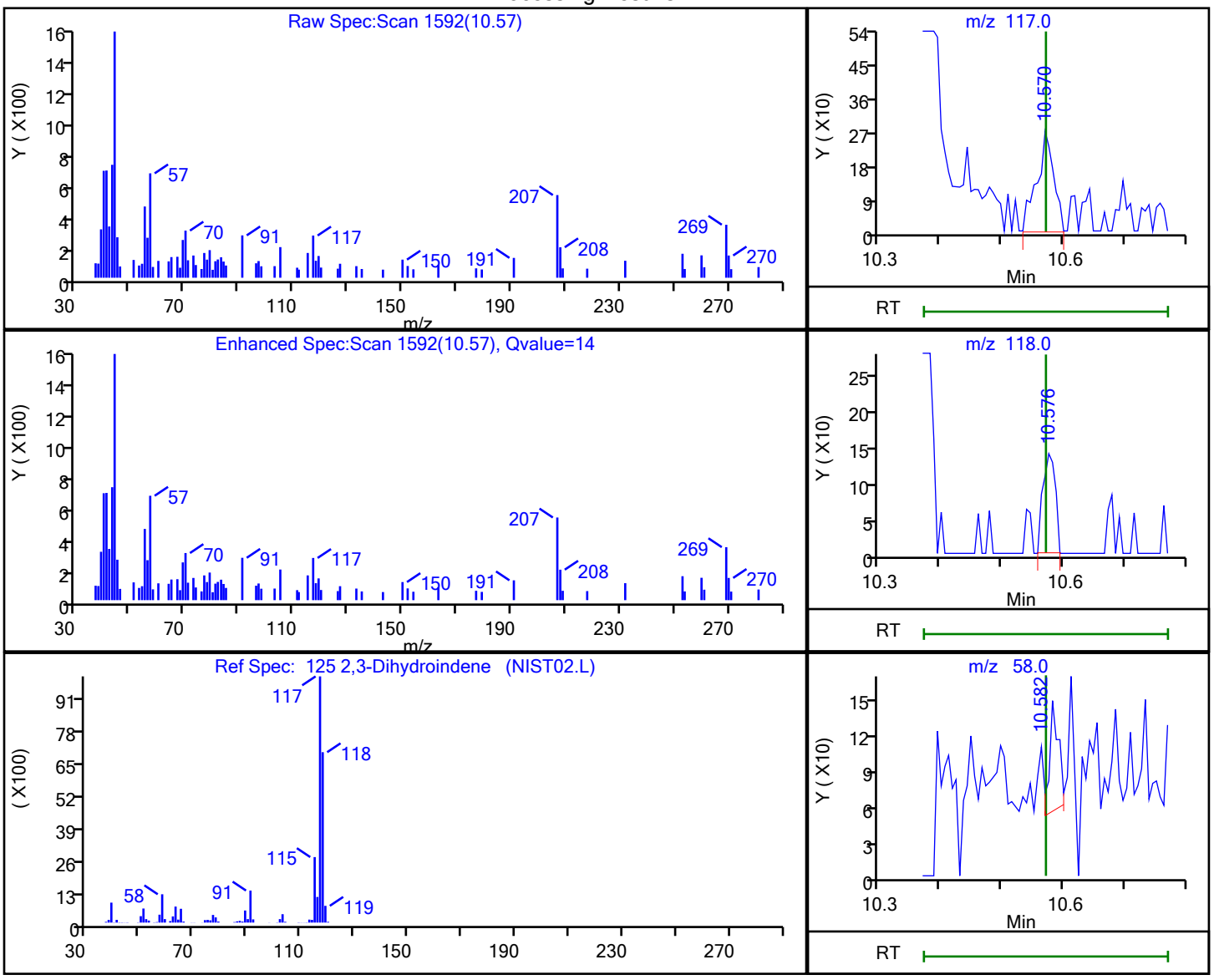
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.57	117.00	511	0.060908
10.58	118.00	196	
10.58	58.00	95	

Reviewer: K0HS, 14-Apr-2023 13:24:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

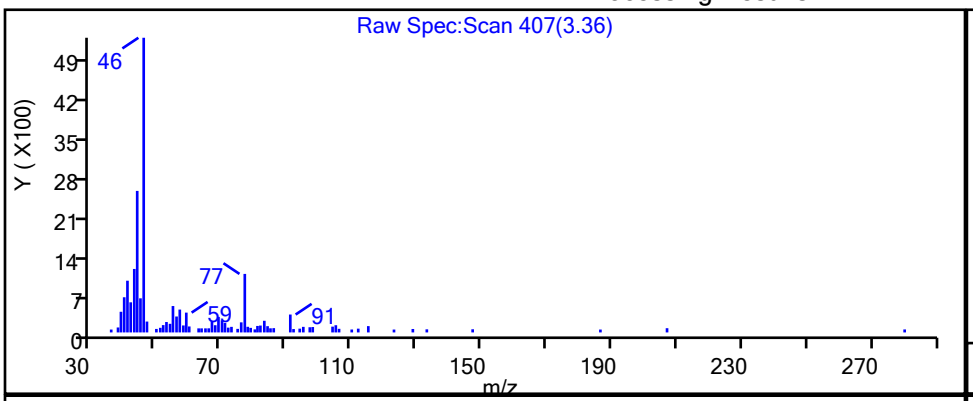
User Disabled Compound Report

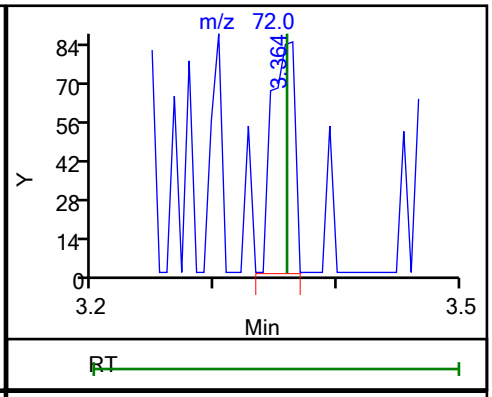
Eurofins Edison

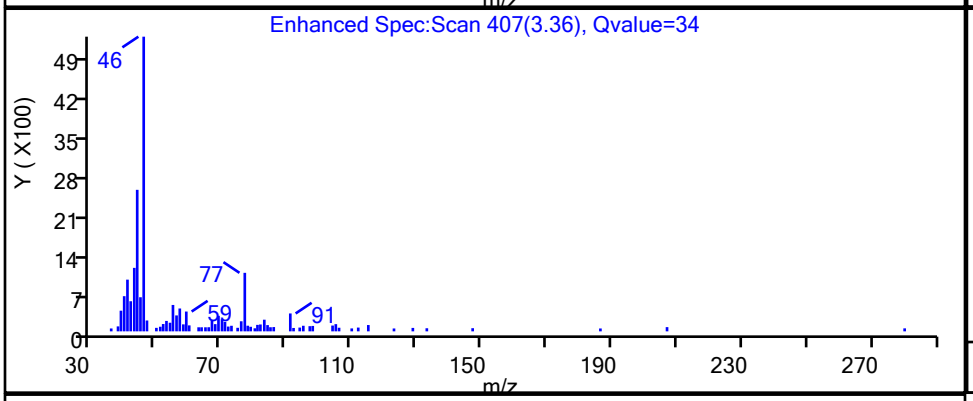
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

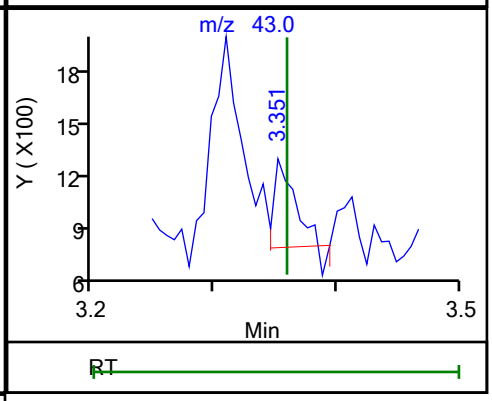
46 2-Butanone (MEK), CAS: 78-93-3

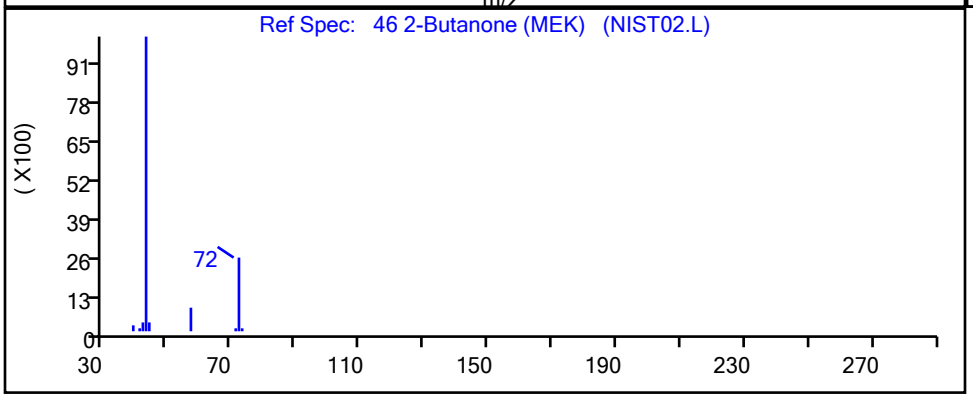
Processing Results











RT	Mass	Response	Amount
3.36	72.00	111	0.428676
3.35	43.00	533	

Reviewer: K0HS, 14-Apr-2023 13:23:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

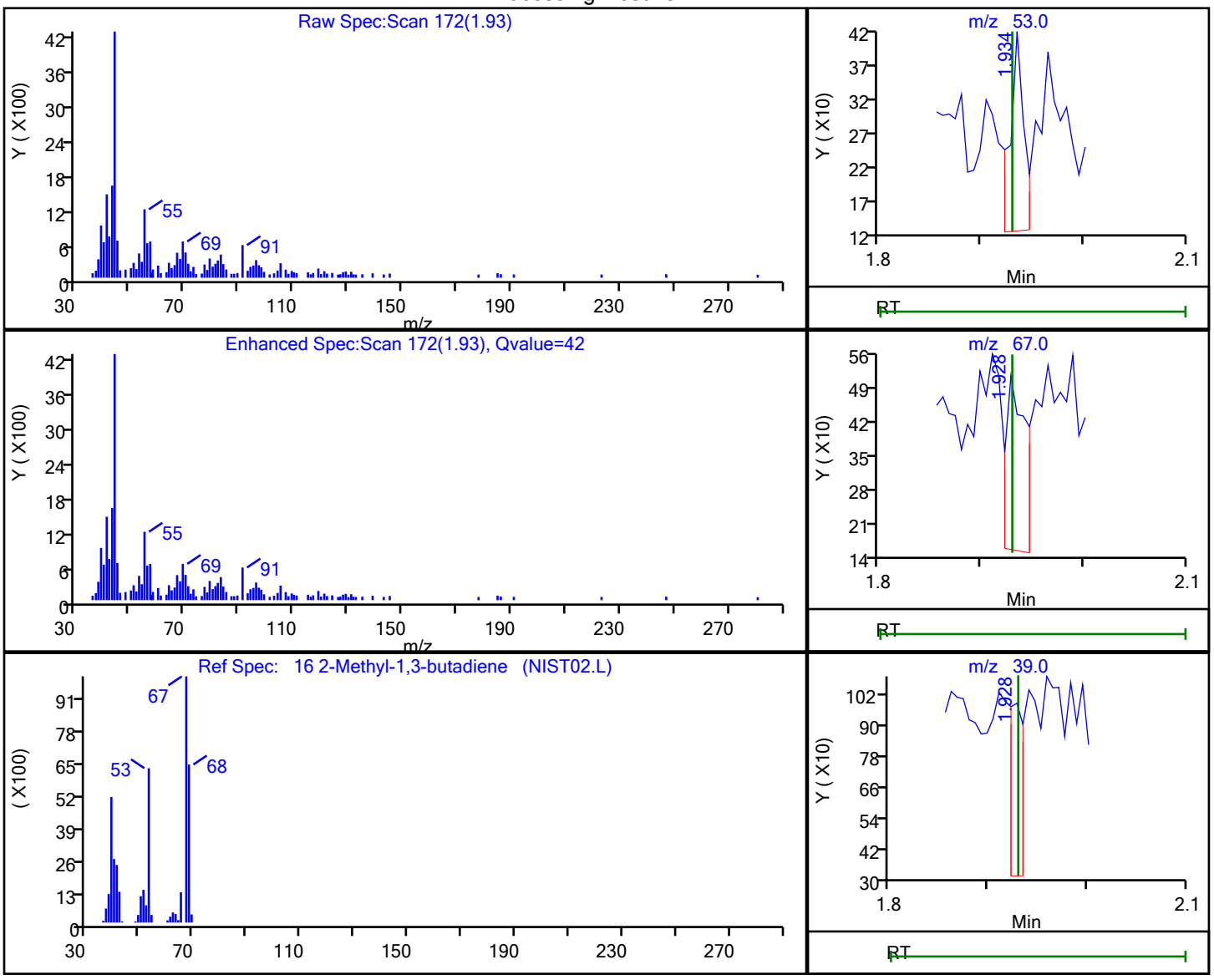
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.93	53.00	285	0.105425
1.93	67.00	494	
1.93	39.00	704	

Reviewer: K0HS, 14-Apr-2023 13:22:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

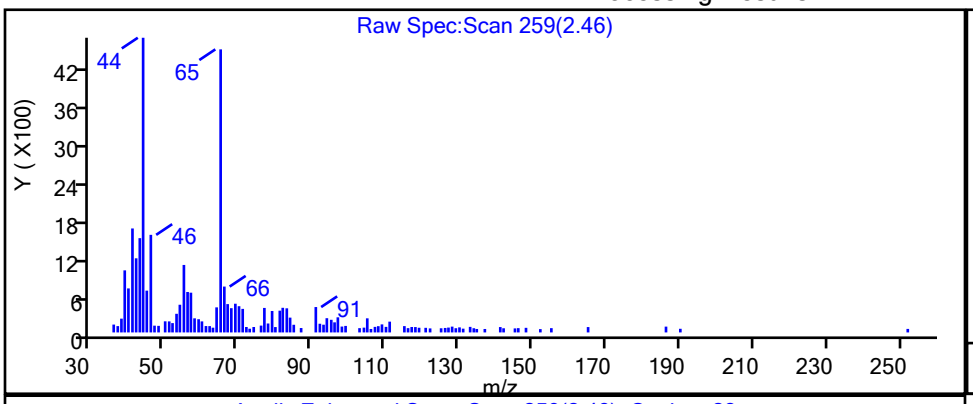
User Disabled Compound Report

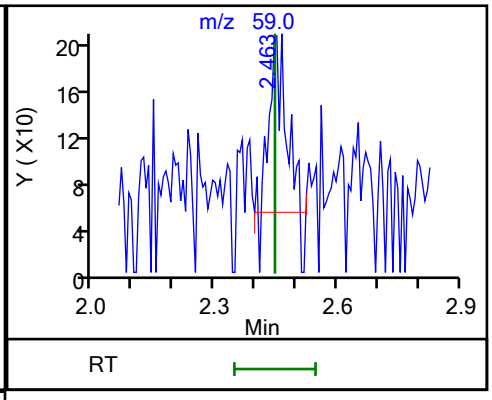
Eurofins Edison

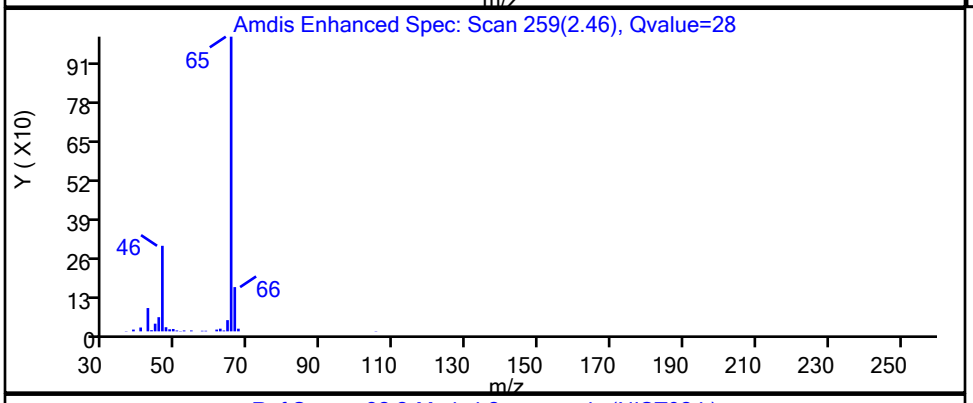
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

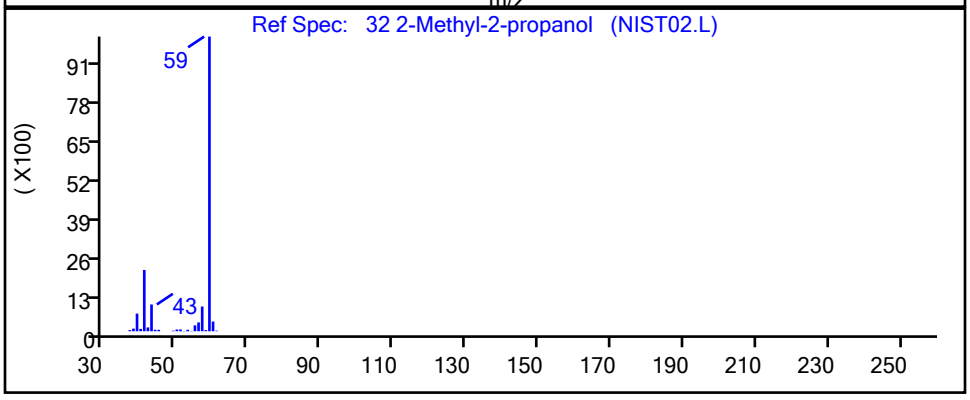
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.46	59.00	401	2.864883

Reviewer: K0HS, 14-Apr-2023 13:22:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

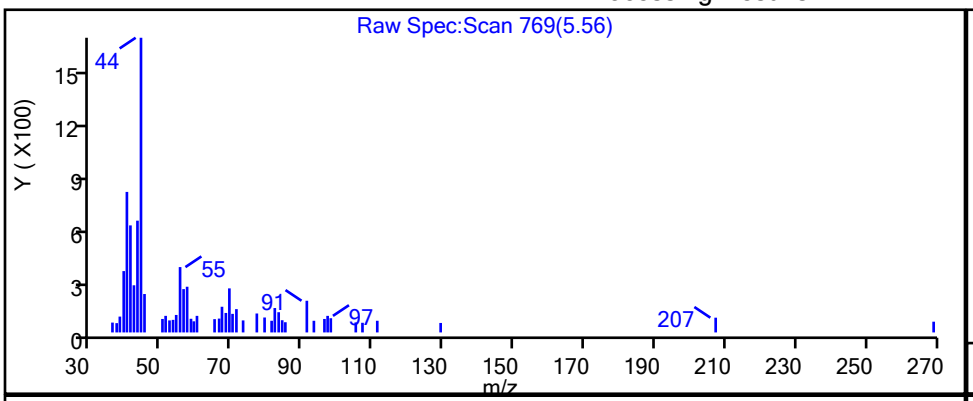
User Disabled Compound Report

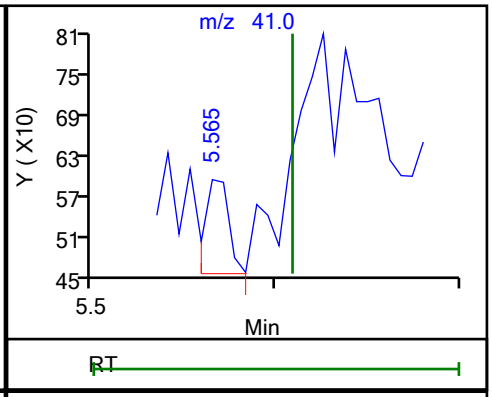
Eurofins Edison

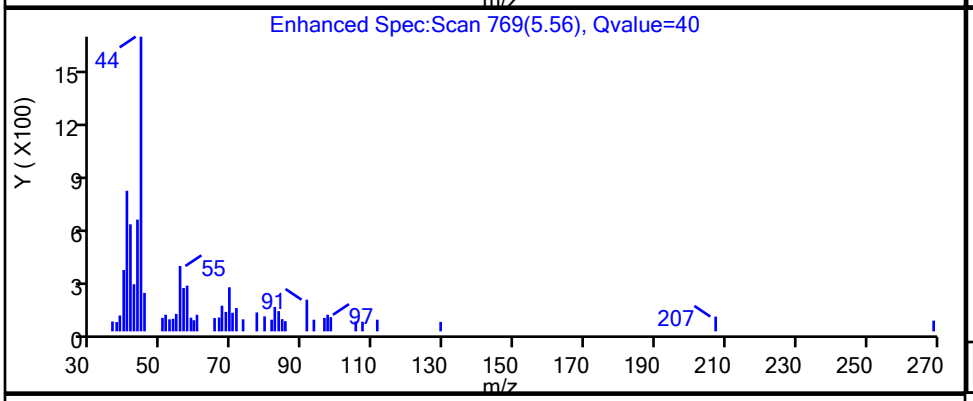
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

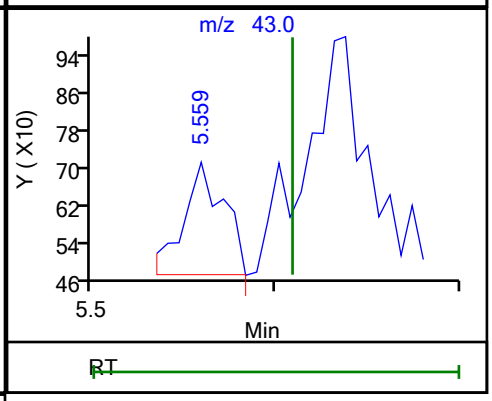
78 2-Nitropropane, CAS: 79-46-9

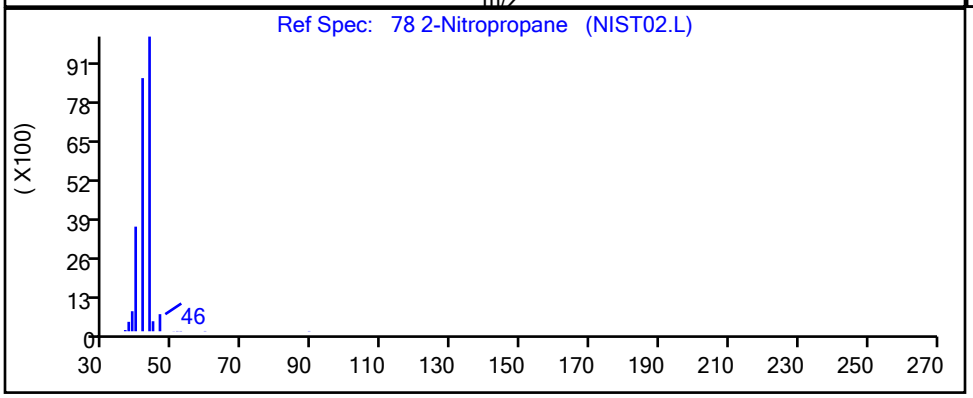
Processing Results











RT	Mass	Response	Amount
5.56	41.00	124	0.148122
5.56	43.00	379	

Reviewer: K0HS, 14-Apr-2023 13:23:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

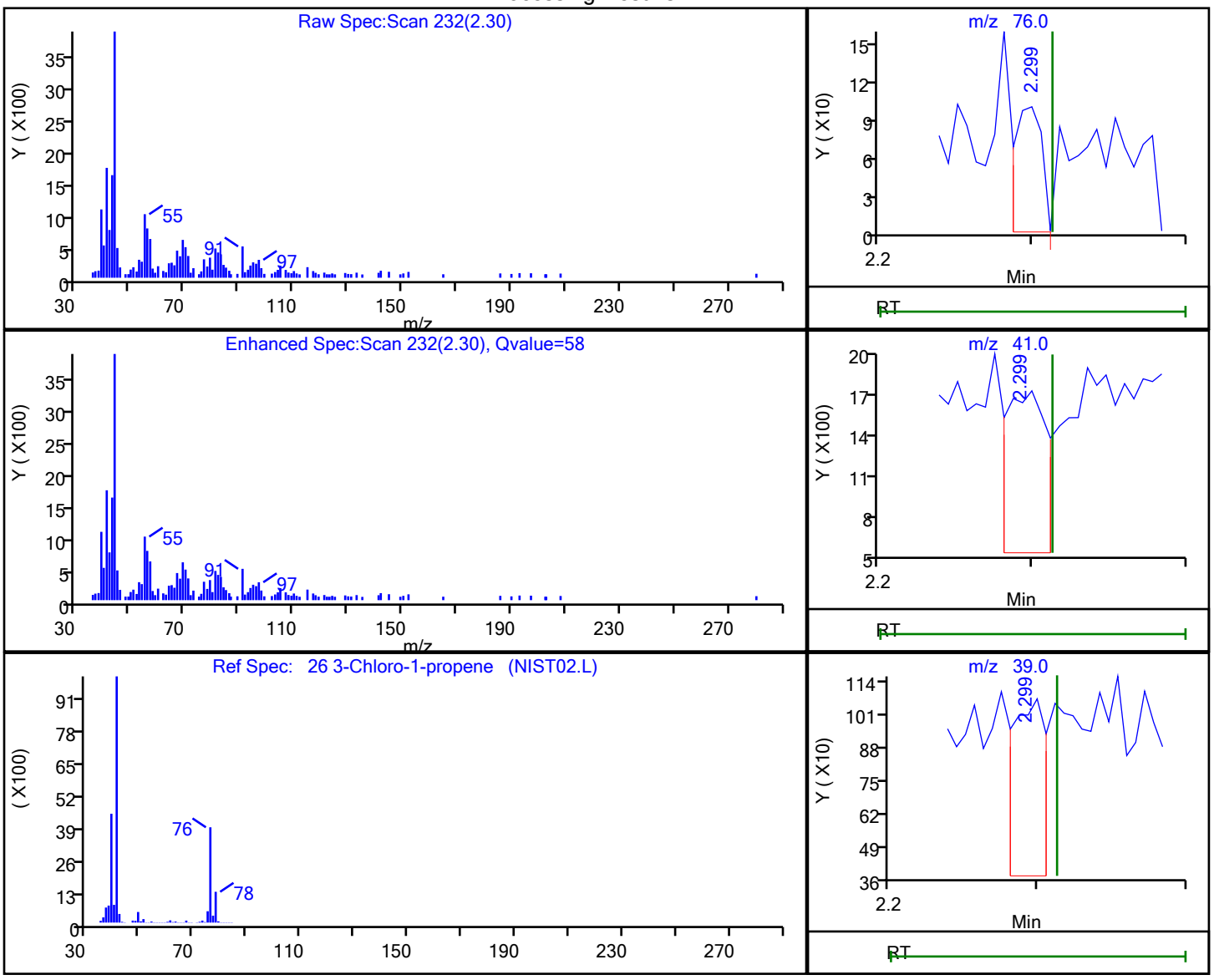
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.30	76.00	124	0.077924
2.30	41.00	2266	
2.30	39.00	1138	

Reviewer: K0HS, 14-Apr-2023 13:22:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

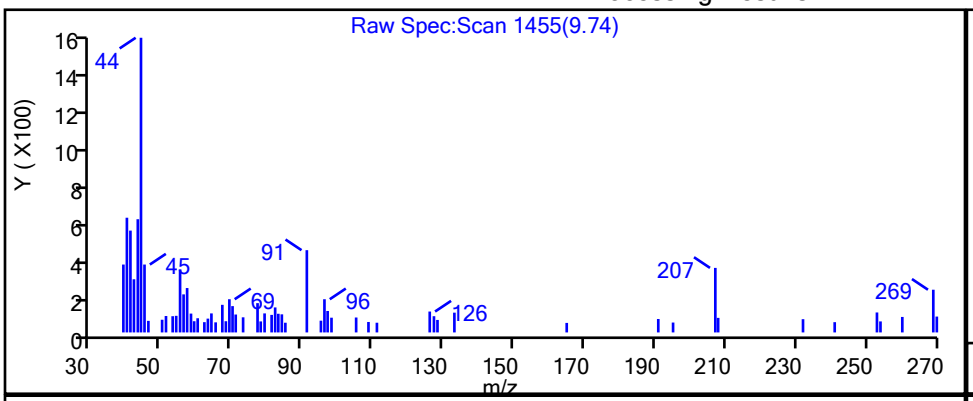
User Disabled Compound Report

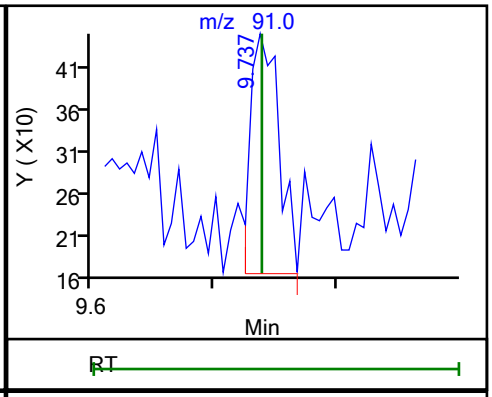
Eurofins Edison

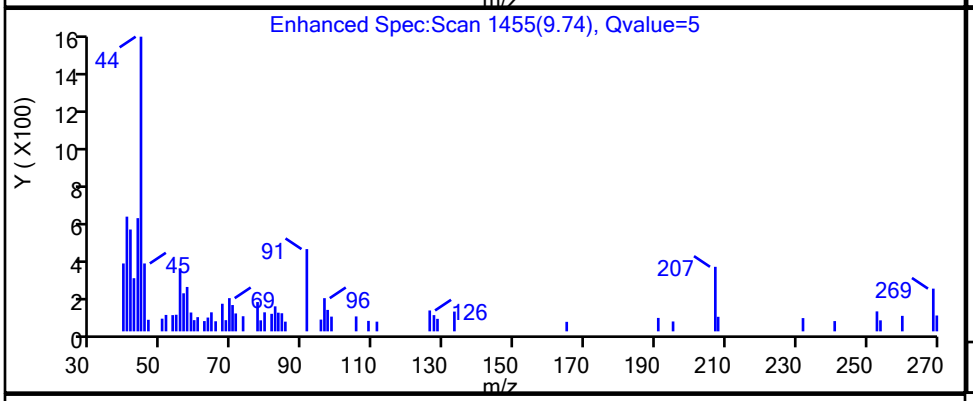
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D				
Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

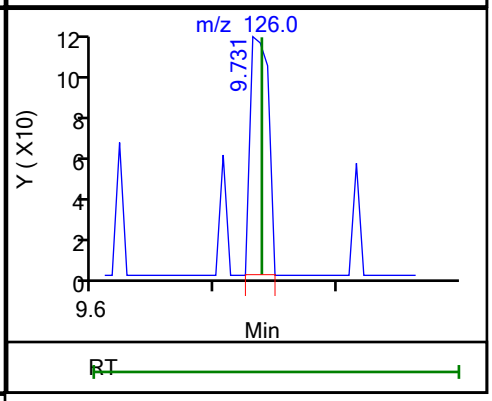
114 4-Chlorotoluene, CAS: 106-43-4

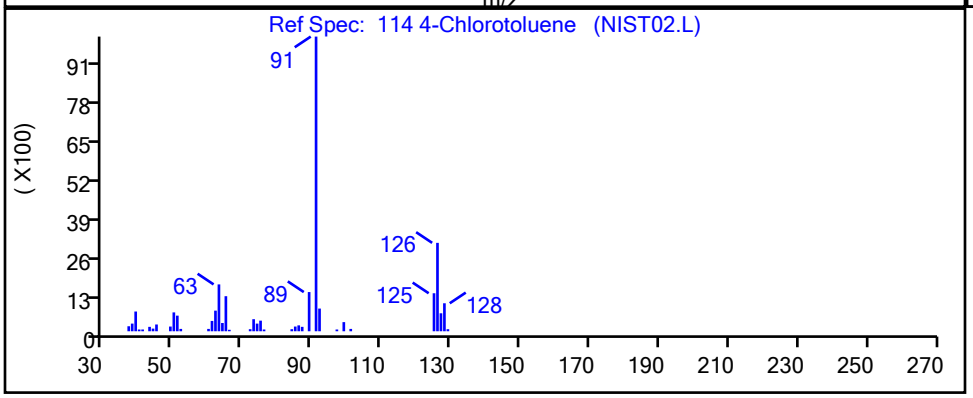
Processing Results











RT	Mass	Response	Amount
9.74	91.00	451	0.058851
9.73	126.00	120	

Reviewer: K0HS, 14-Apr-2023 13:24:20

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

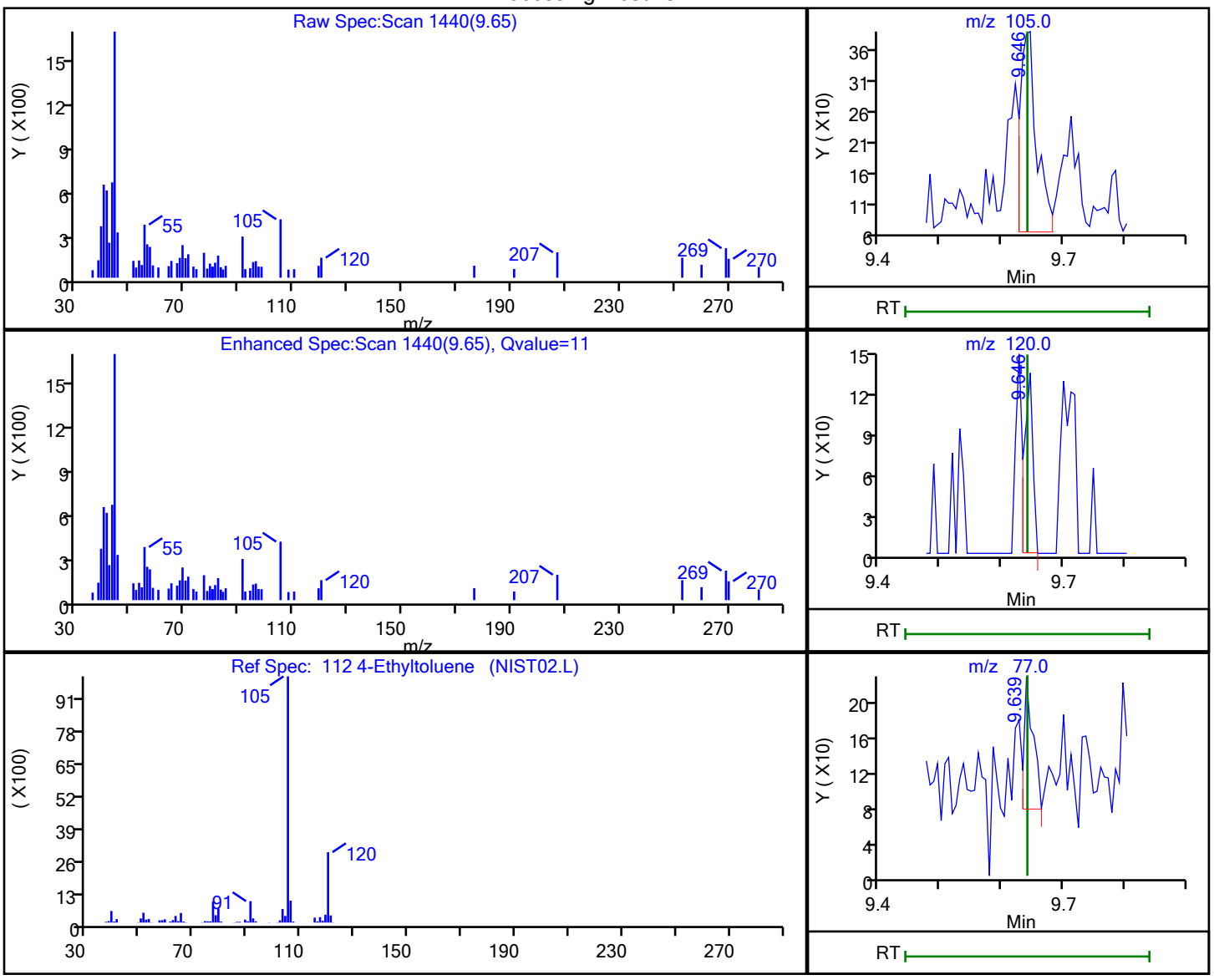
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.65	105.00	597	0.065802
9.65	120.00	129	
9.64	77.00	152	

Reviewer: K0HS, 14-Apr-2023 13:24:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

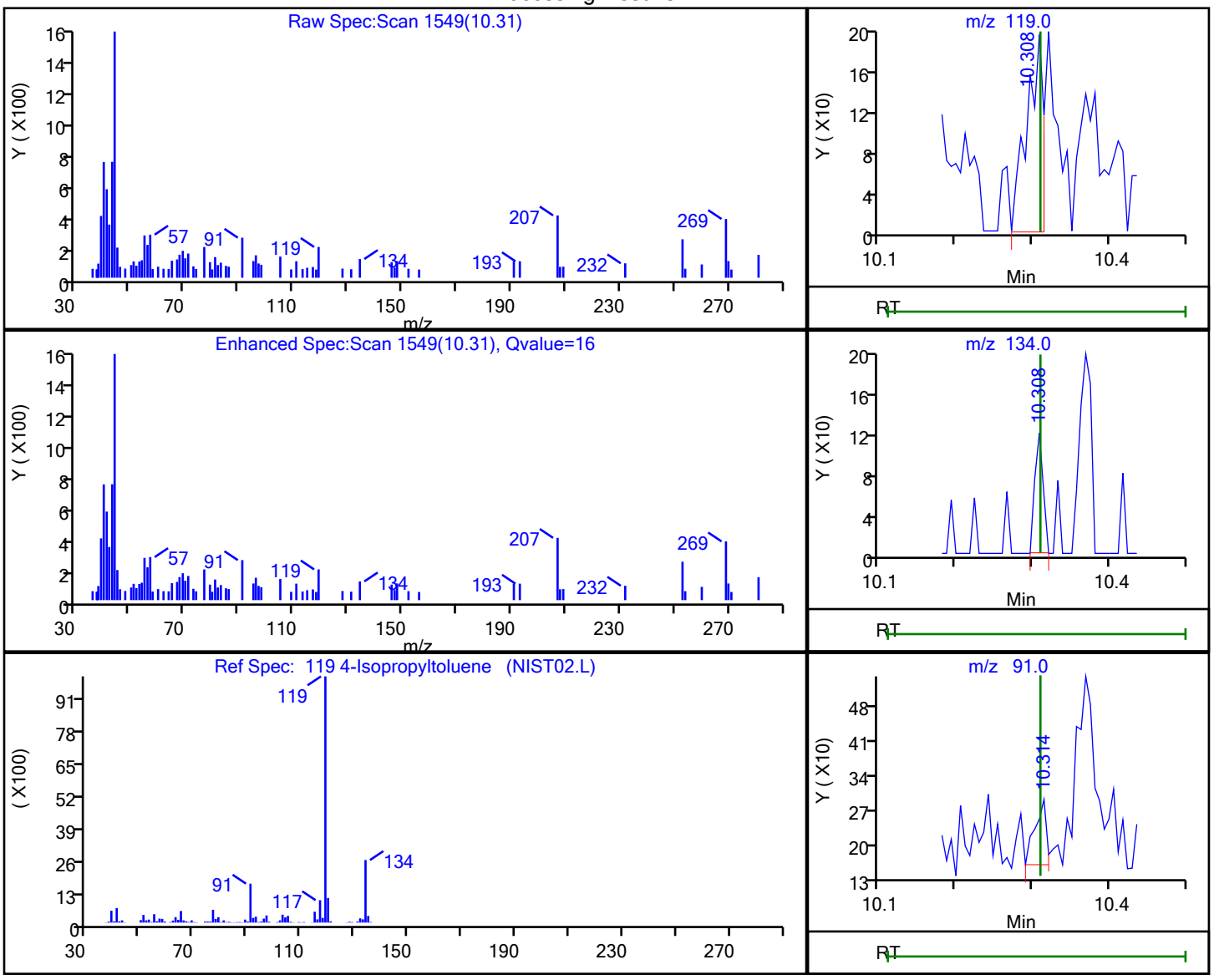
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.31	119.00	289	0.043320
10.31	134.00	90	
10.31	91.00	133	

Reviewer: K0HS, 14-Apr-2023 13:24:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

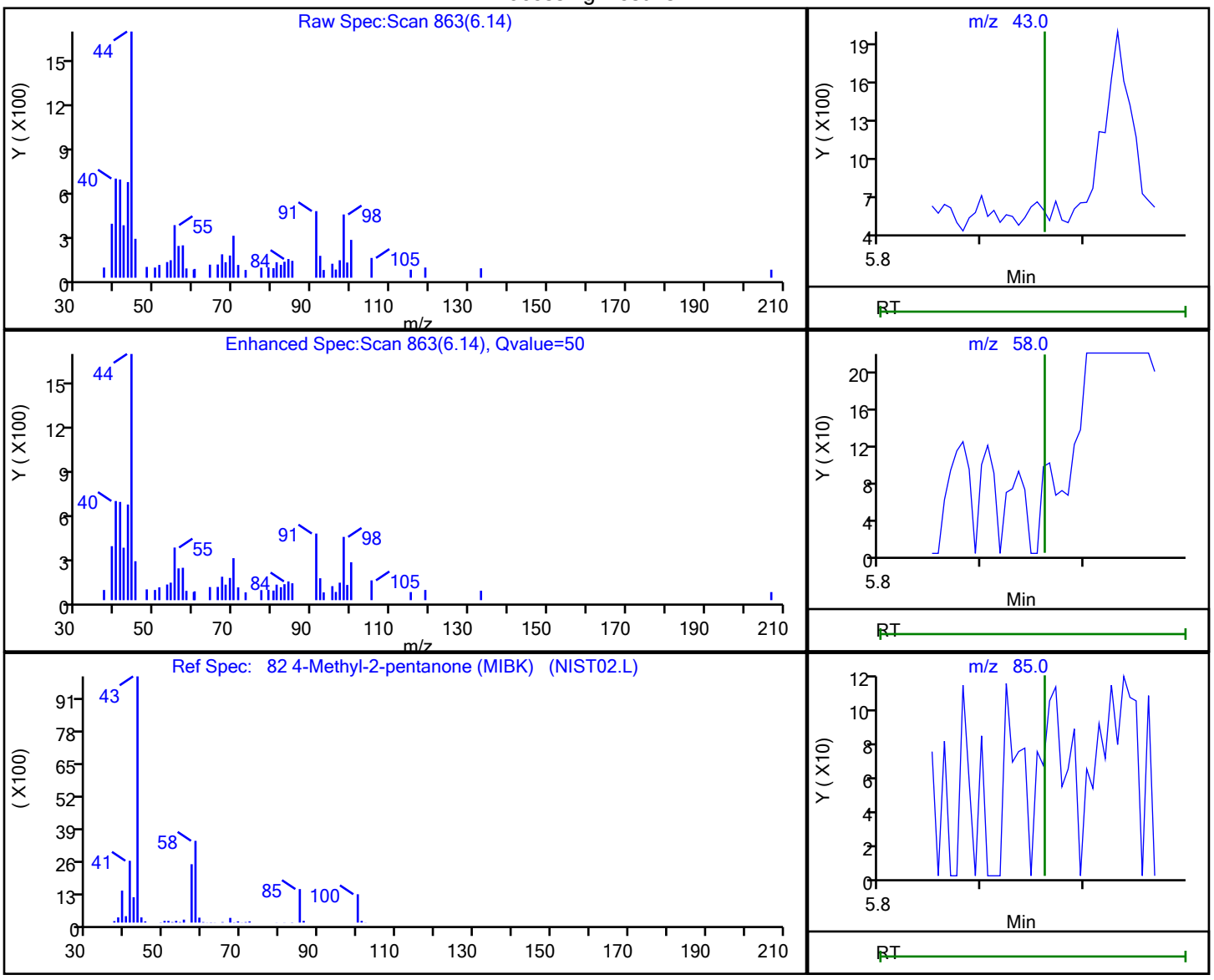
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.14	43.00	140	0.044883
6.13	58.00	155	
6.14	85.00	114	
6.14	100.00	360	

Reviewer: K0HS, 14-Apr-2023 13:23:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

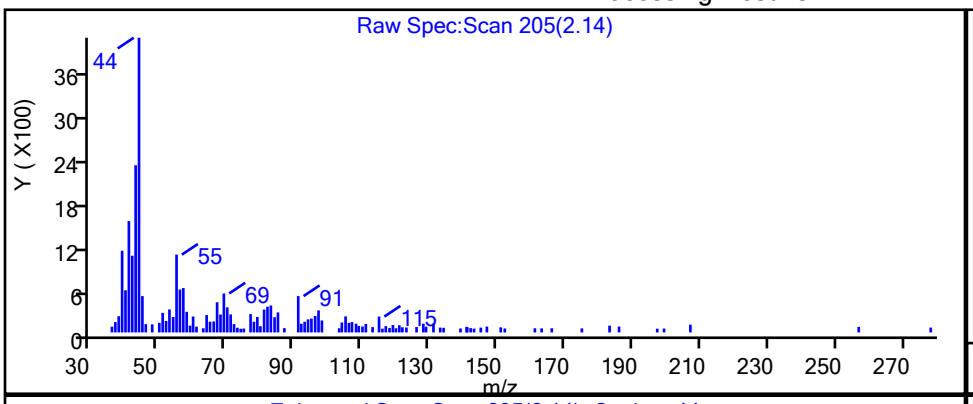
User Disabled Compound Report

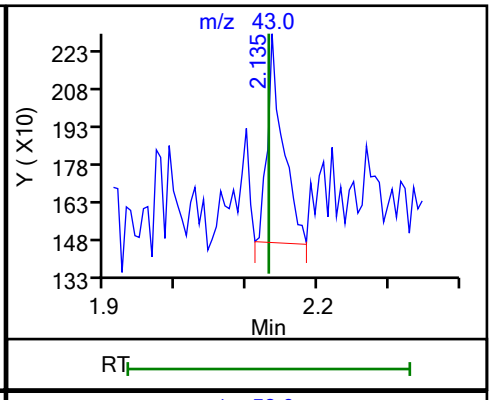
Eurofins Edison

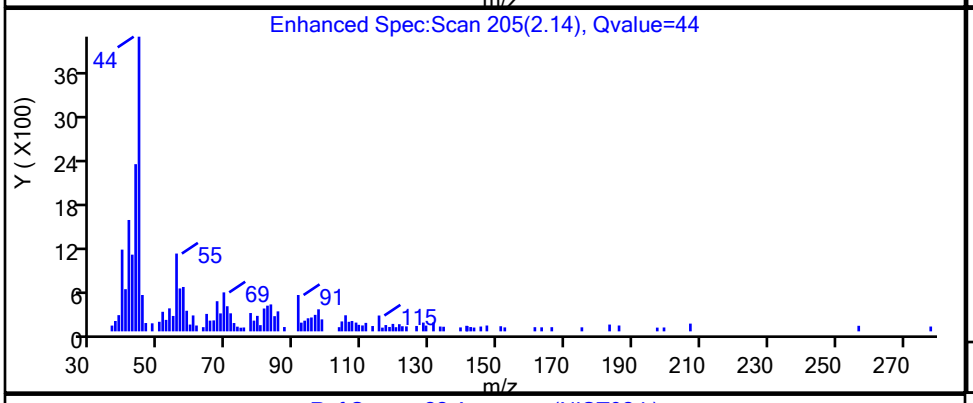
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

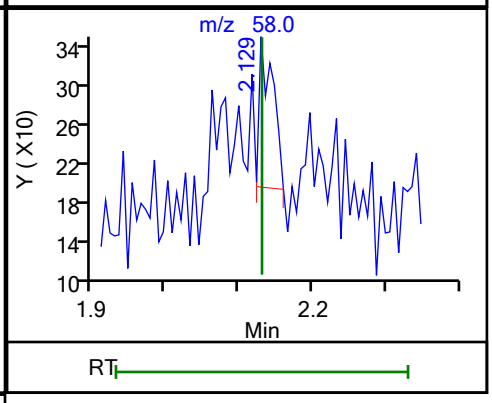
22 Acetone, CAS: 67-64-1

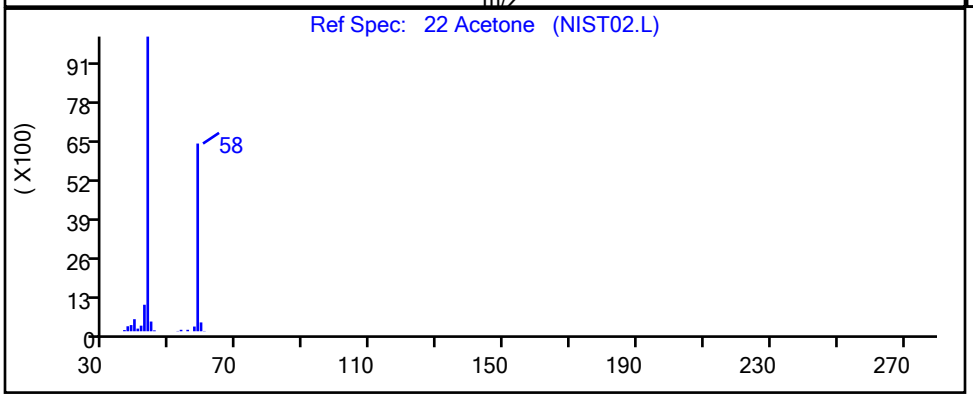
Processing Results











RT	Mass	Response	Amount
2.14	43.00	1271	1.582324
2.13	58.00	199	

Reviewer: K0HS, 14-Apr-2023 13:22:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

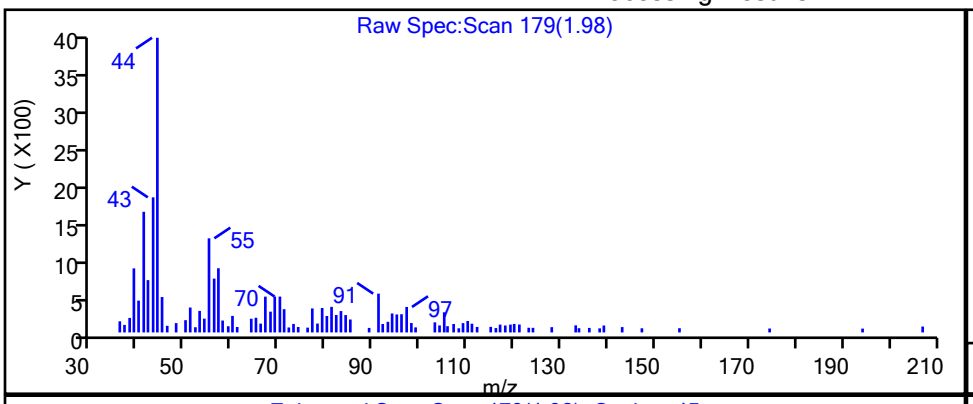
User Disabled Compound Report

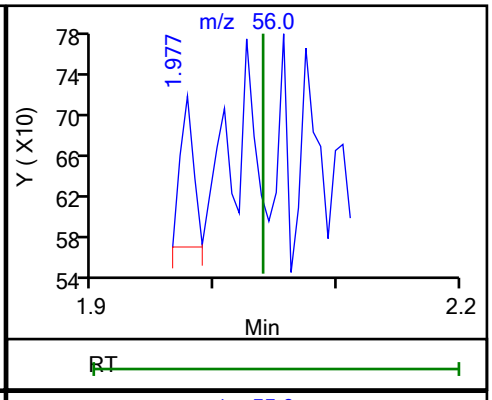
Eurofins Edison

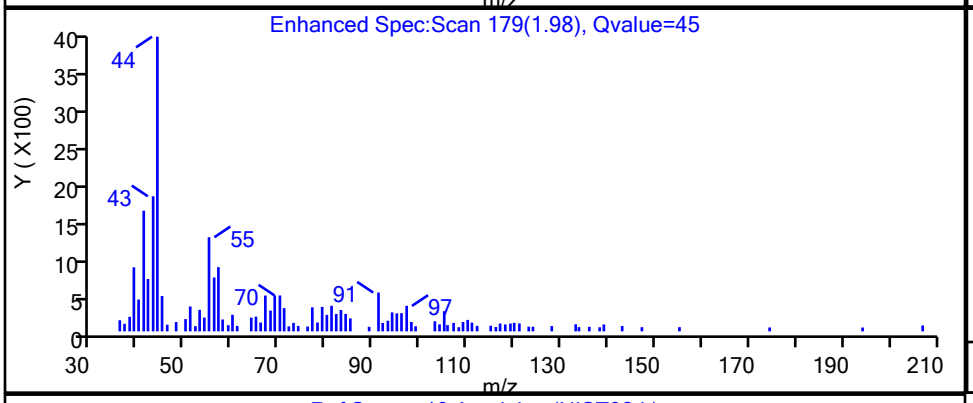
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

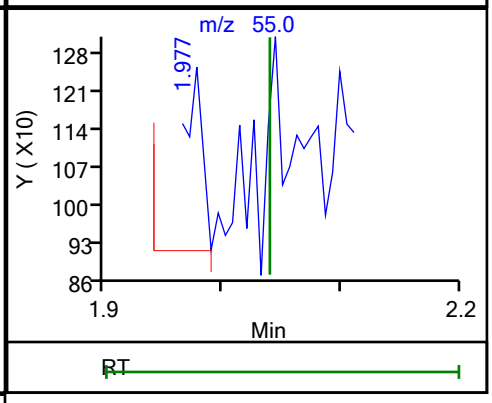
19 Acrolein, CAS: 107-02-8

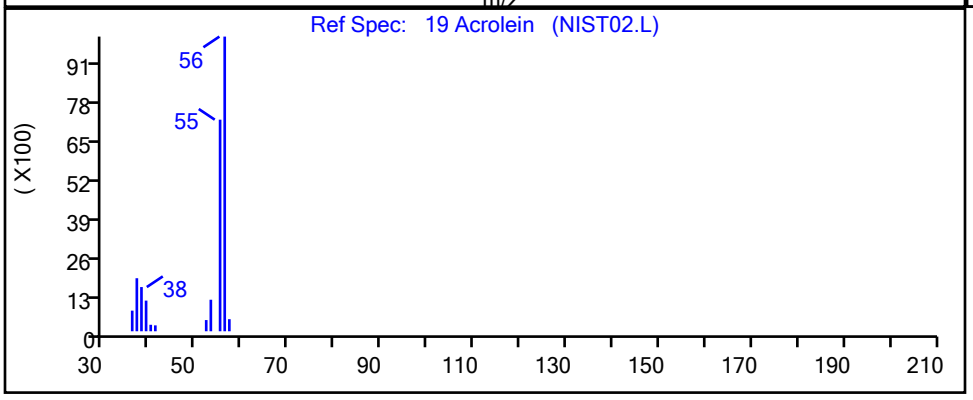
Processing Results











RT	Mass	Response	Amount
1.98	56.00	113	0.334231
1.98	55.00	668	

Reviewer: K0HS, 14-Apr-2023 13:22:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

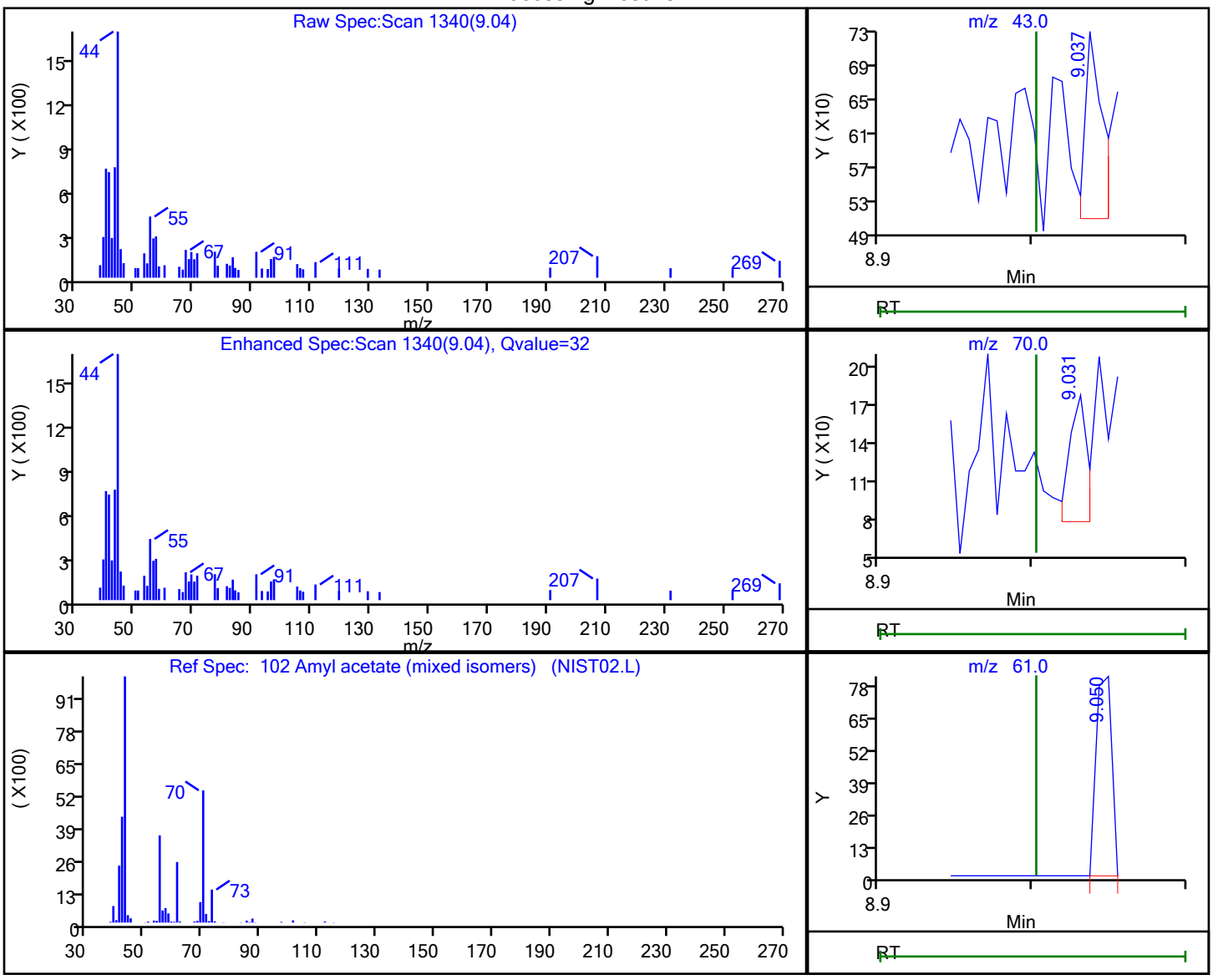
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.04	43.00	173	0.033891
9.03	70.00	79	
9.05	61.00	58	

Reviewer: K0HS, 14-Apr-2023 13:23:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

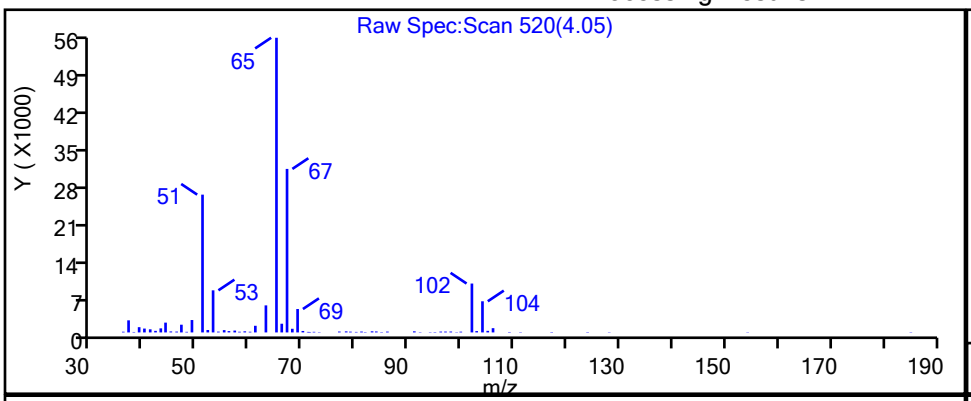
User Disabled Compound Report

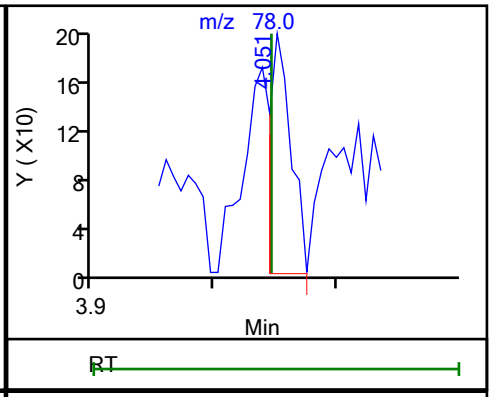
Eurofins Edison

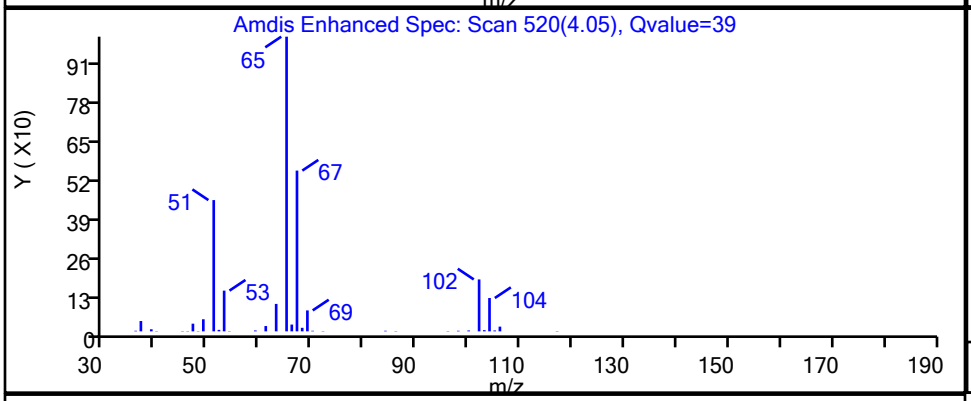
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

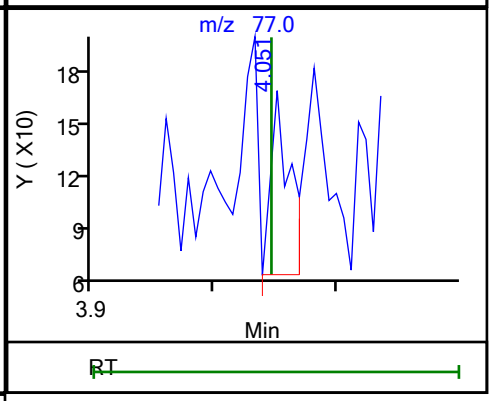
60 Benzene, CAS: 71-43-2

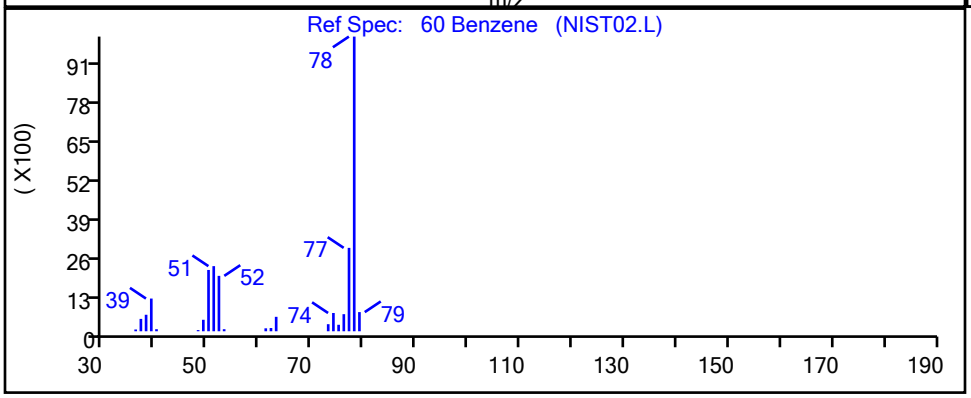
Processing Results











RT	Mass	Response	Amount
4.05	78.00	239	0.019544
4.05	77.00	116	

Reviewer: K0HS, 14-Apr-2023 13:23:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

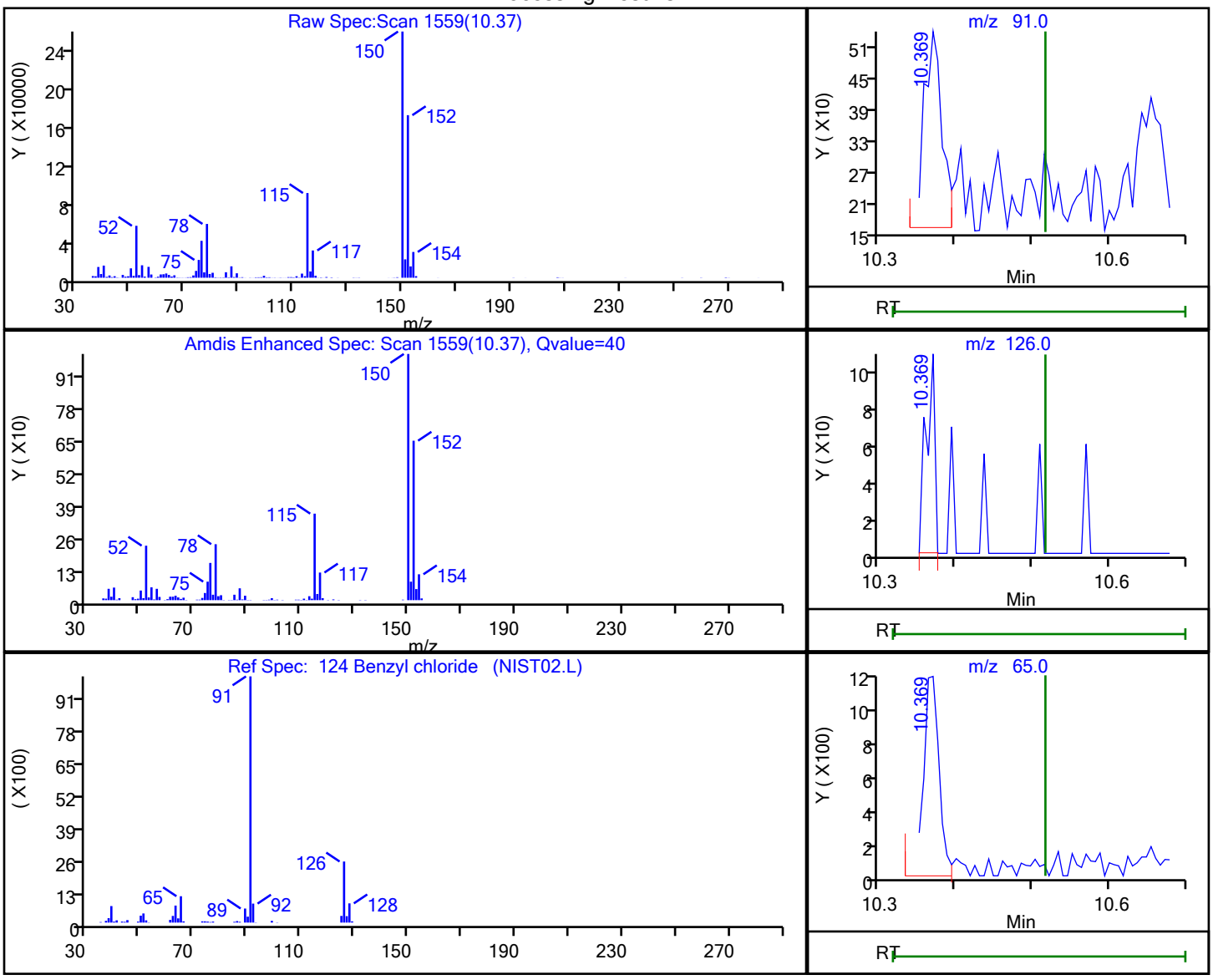
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.37	91.00	628	0.119841
10.37	126.00	82	
10.37	65.00	1684	

Reviewer: K0HS, 14-Apr-2023 13:24:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

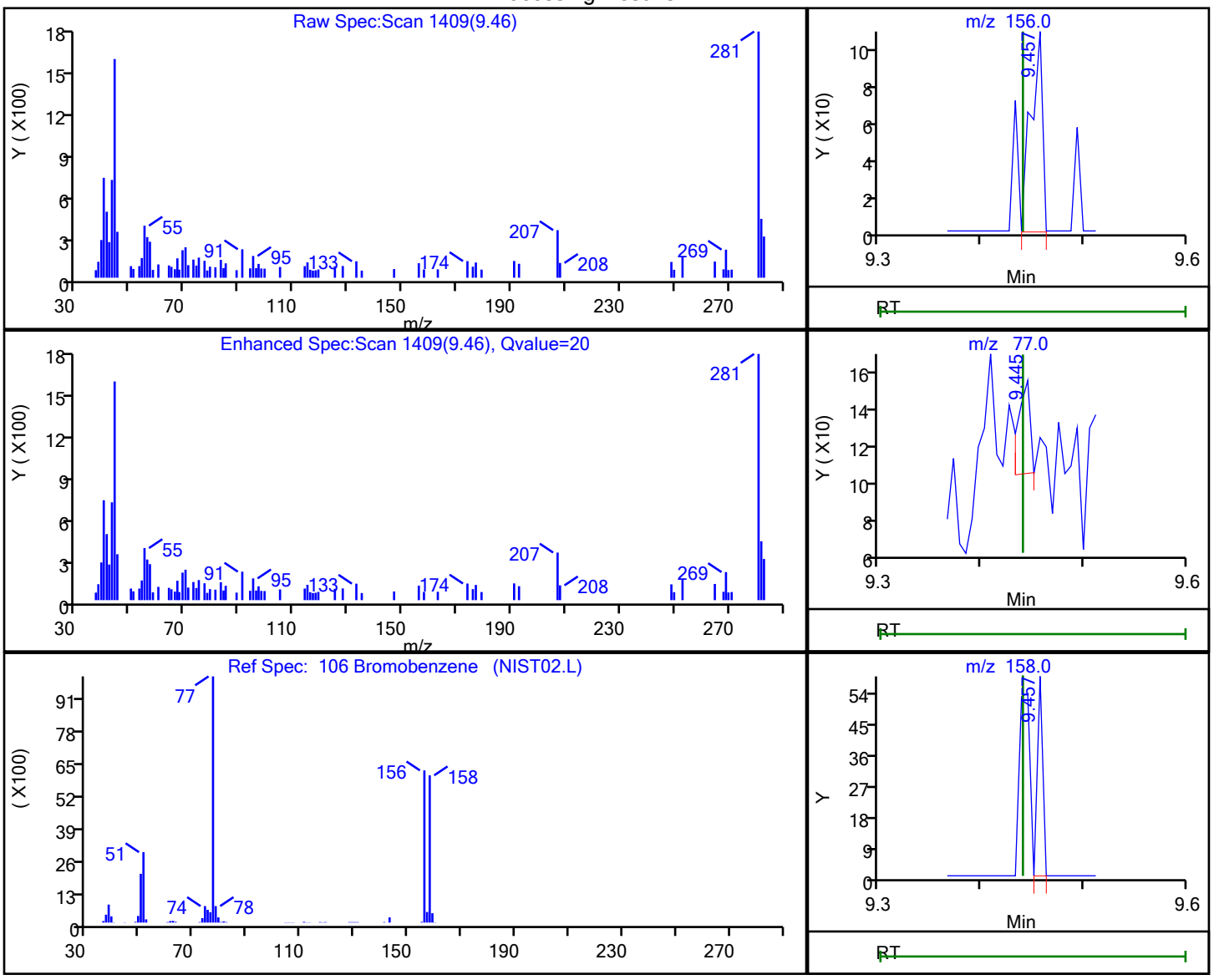
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.46	156.00	82	0.027724
9.44	77.00	40	
9.46	158.00	22	

Reviewer: K0HS, 14-Apr-2023 13:24:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

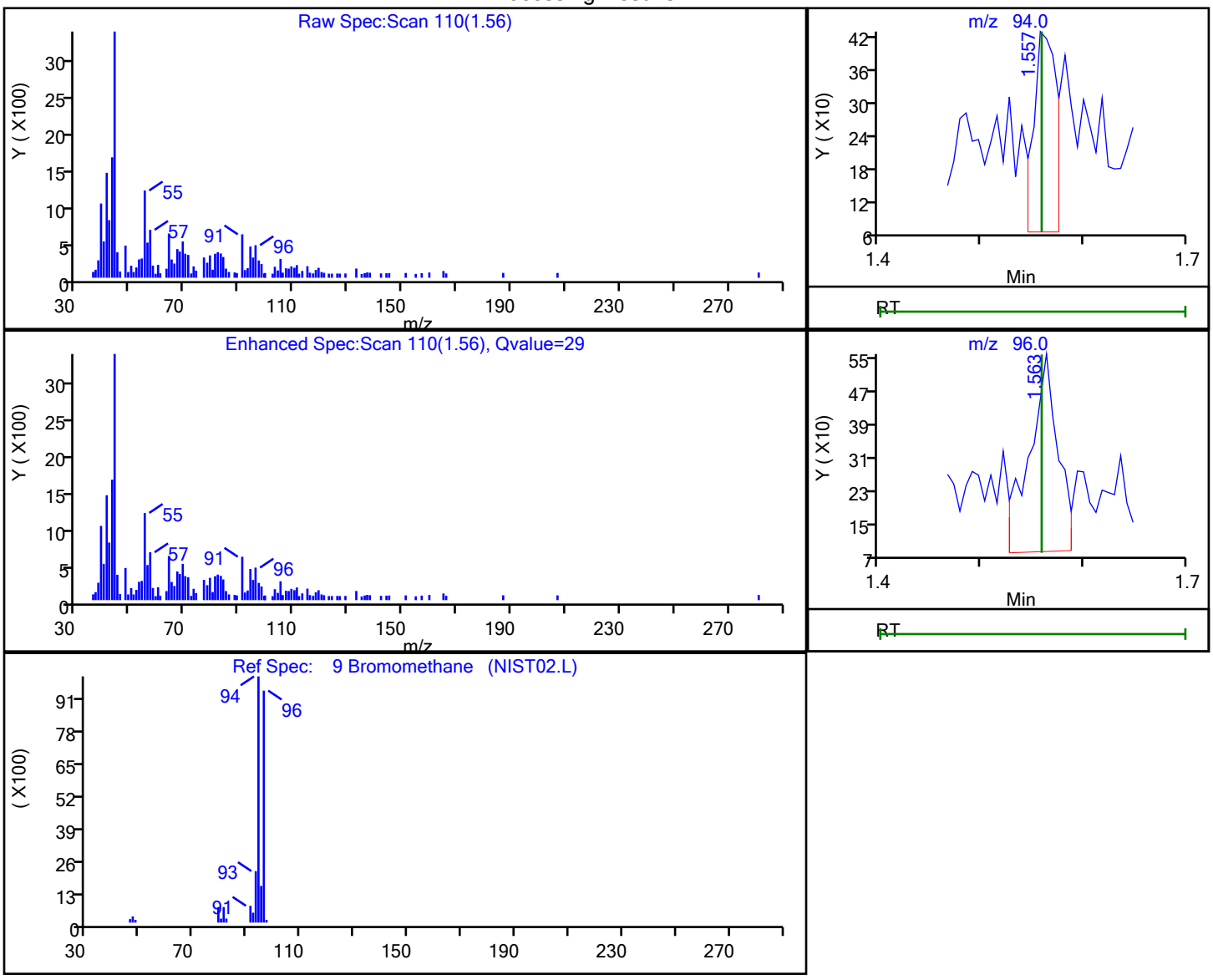
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.56	94.00	577	0.250000
1.56	96.00	953	

Reviewer: HVW2, 14-Apr-2023 01:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

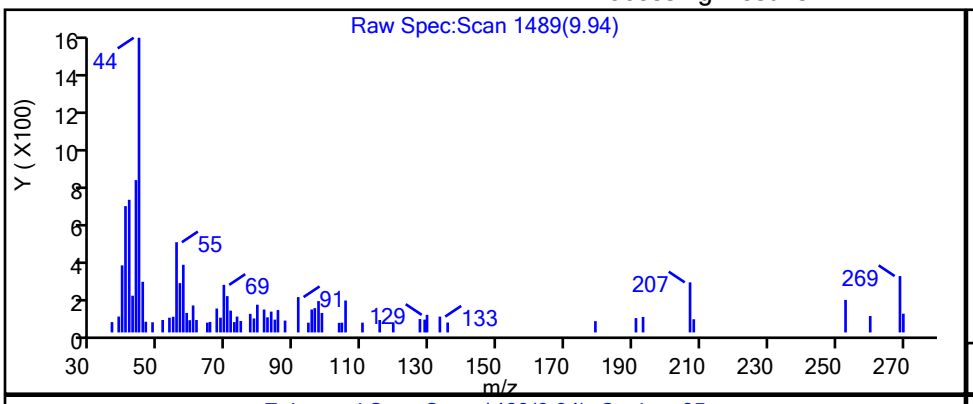
User Disabled Compound Report

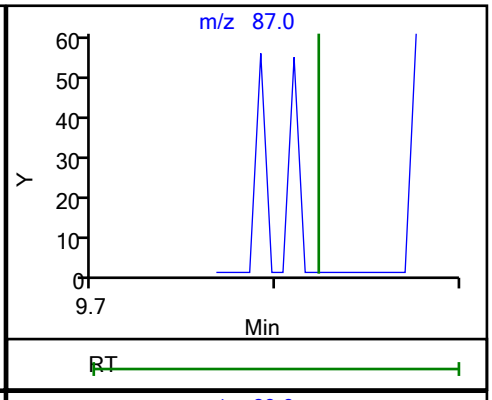
Eurofins Edison

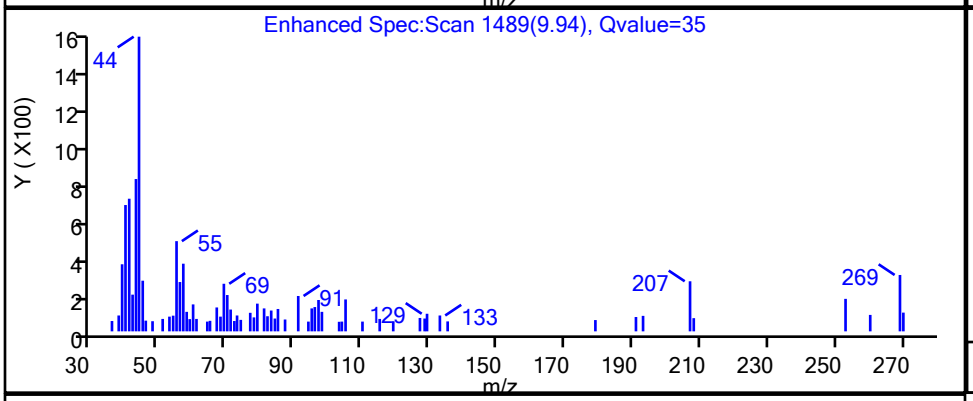
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

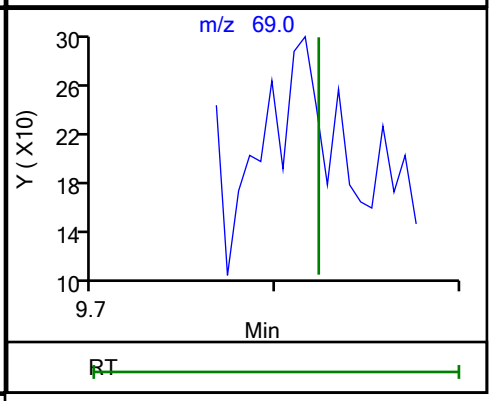
115 Butyl Methacrylate, CAS: 97-88-1

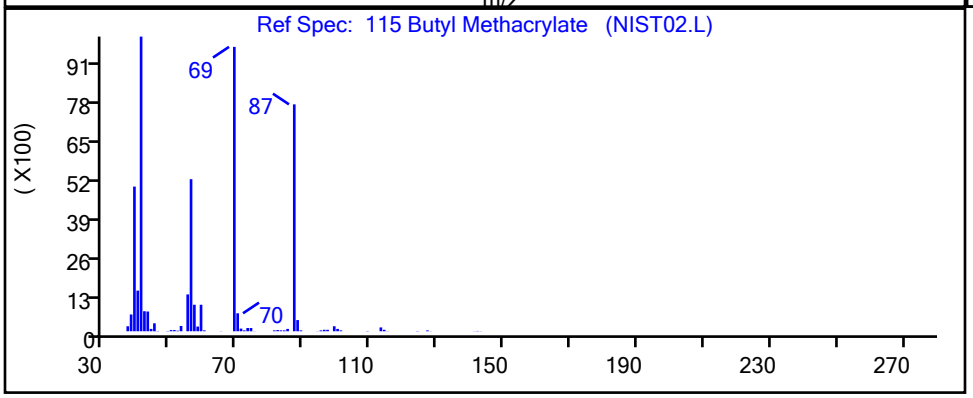
Processing Results











RT	Mass	Response	Amount
9.94	87.00	42	0.012971
9.96	69.00	57	

Reviewer: K0HS, 14-Apr-2023 13:24:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

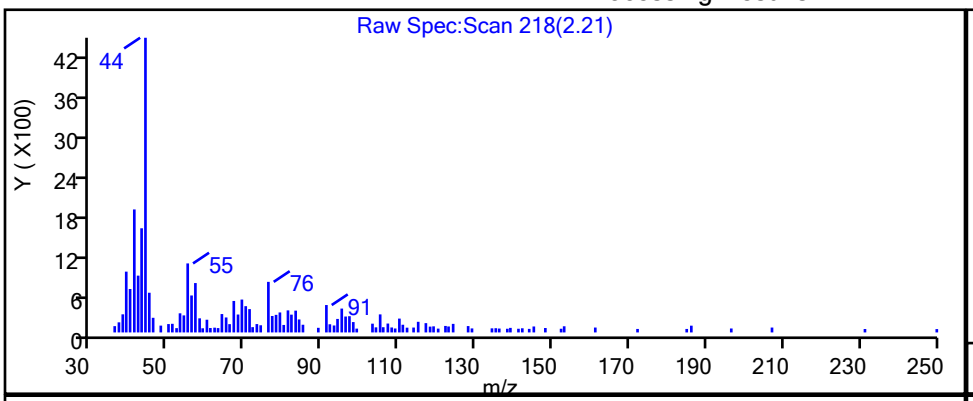
User Disabled Compound Report

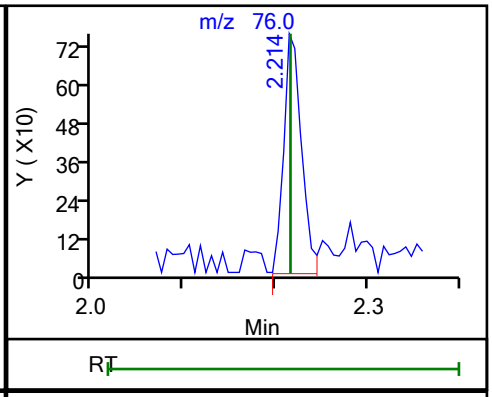
Eurofins Edison

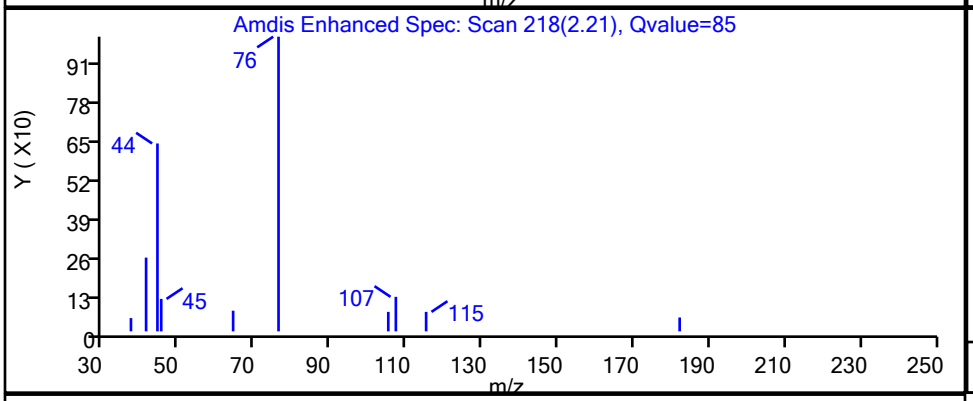
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D				
Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

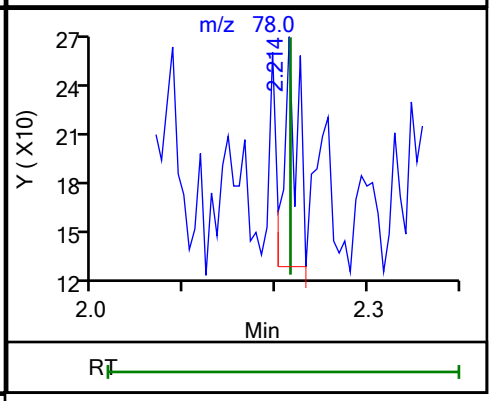
24 Carbon disulfide, CAS: 75-15-0

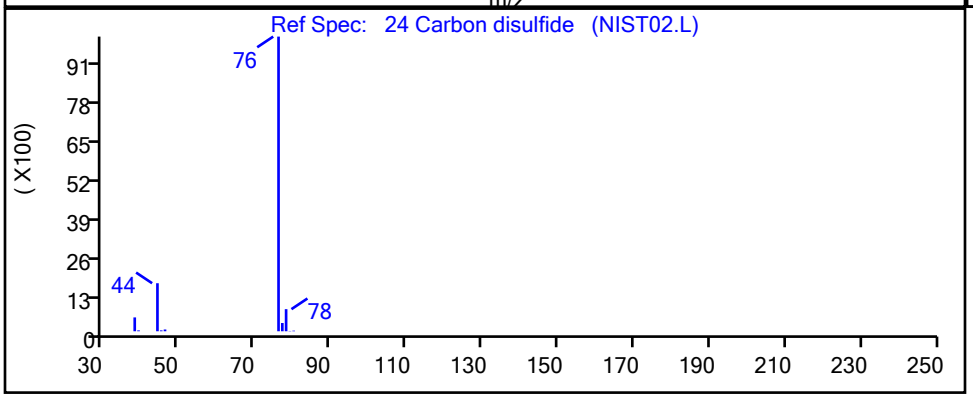
Processing Results











RT	Mass	Response	Amount
2.21	76.00	1018	0.111603
2.21	78.00	135	

Reviewer: K0HS, 14-Apr-2023 13:22:10

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

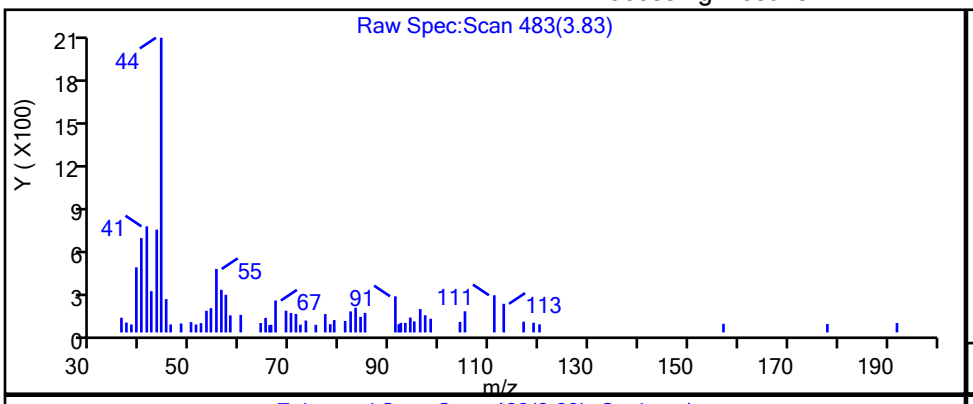
User Disabled Compound Report

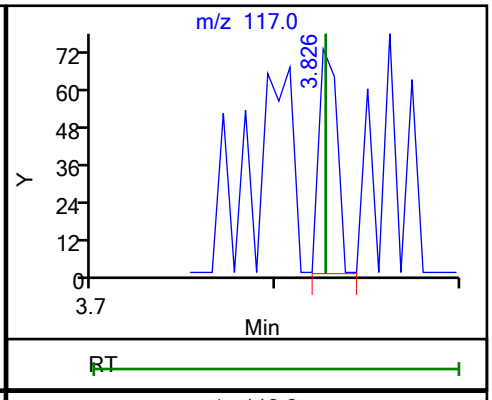
Eurofins Edison

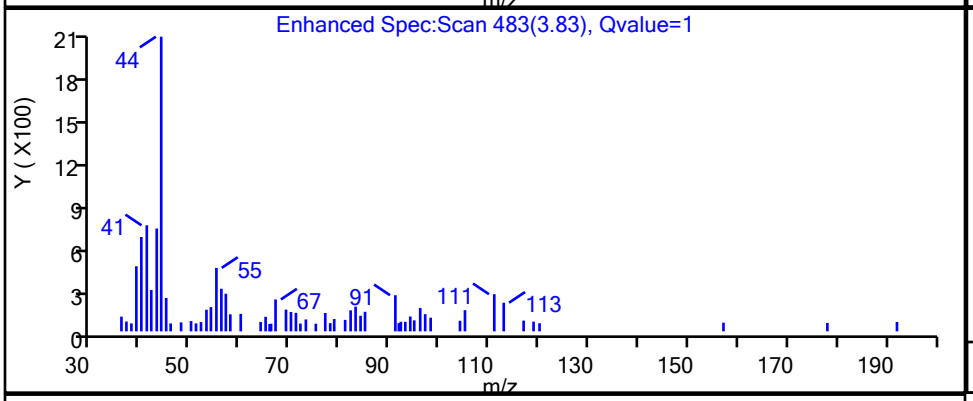
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

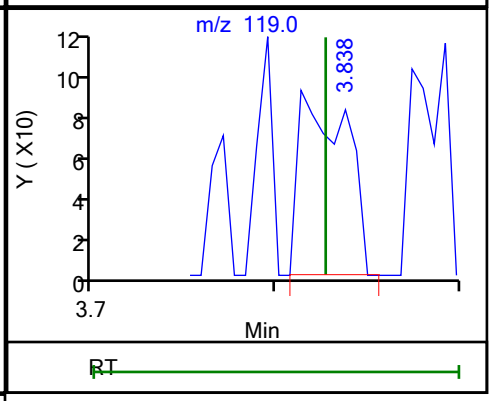
56 Carbon tetrachloride, CAS: 56-23-5

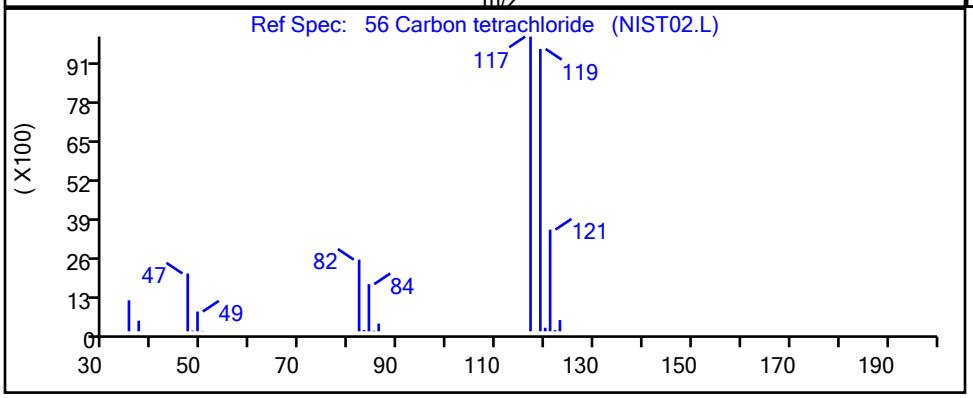
Processing Results











RT	Mass	Response	Amount
3.83	117.00	50	0.012741
3.84	119.00	154	

Reviewer: K0HS, 14-Apr-2023 13:23:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

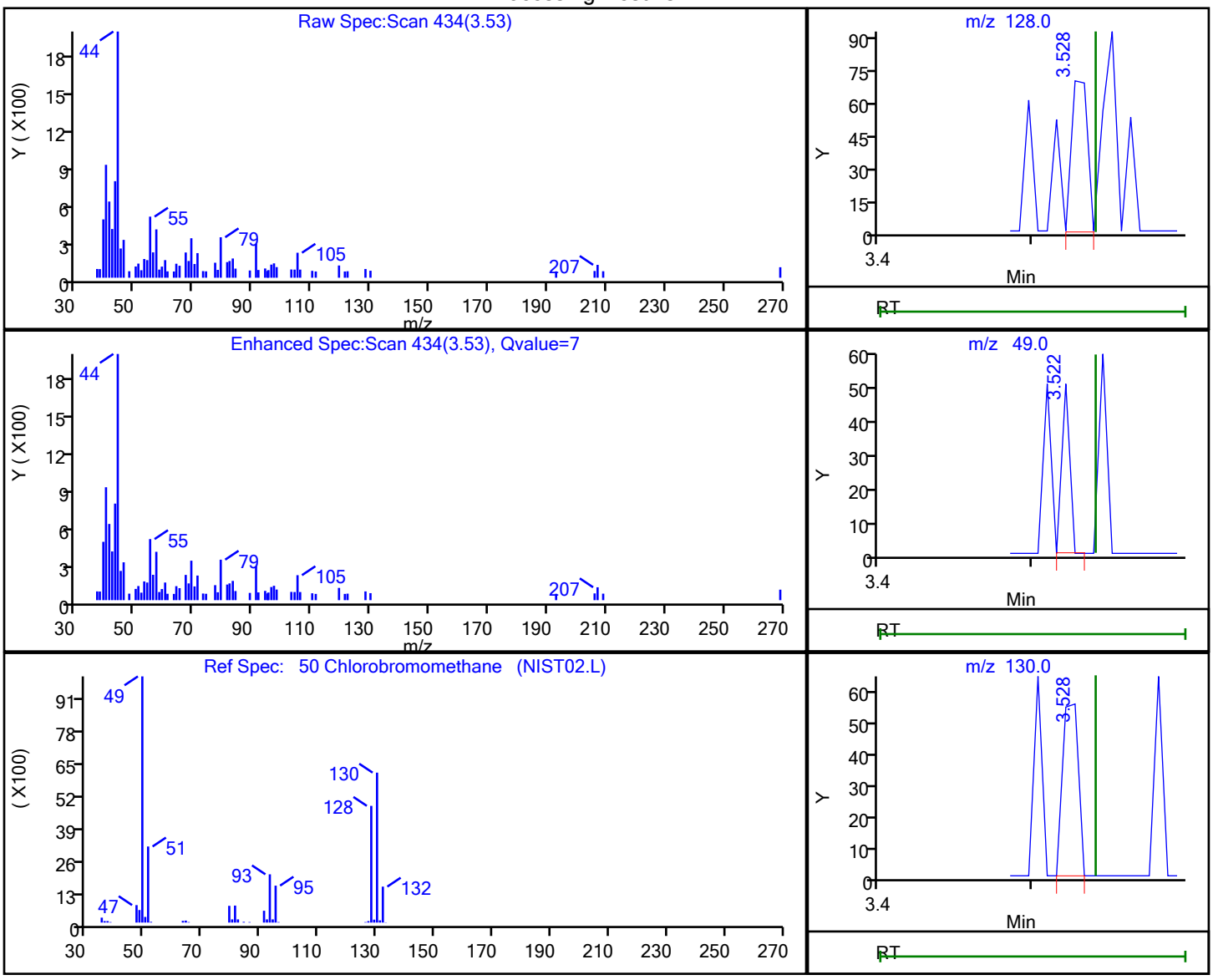
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.53	128.00	51	0.034207
3.52	49.00	19	
3.53	130.00	41	

Reviewer: K0HS, 14-Apr-2023 13:23:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

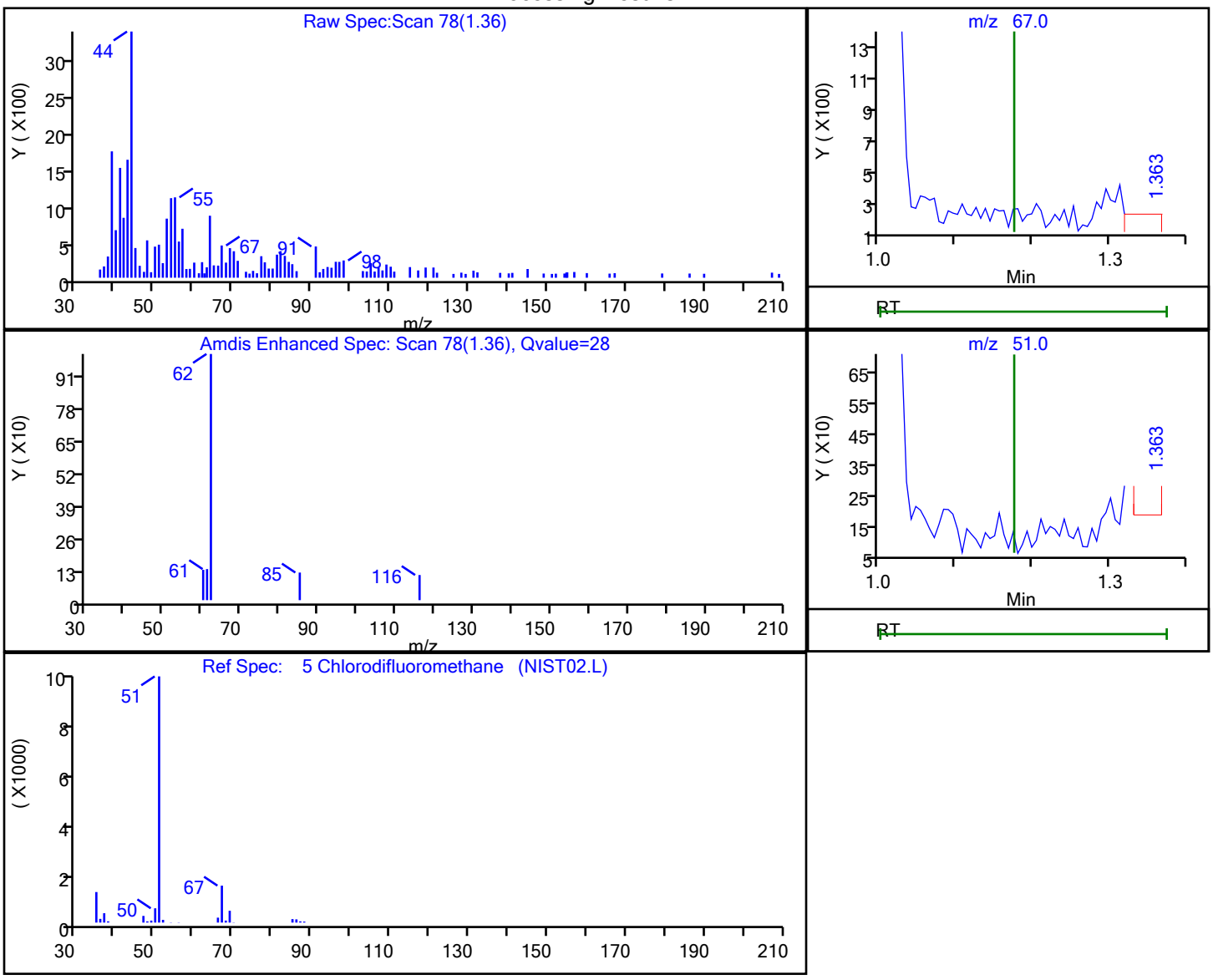
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.36	67.00	476	1.066743
1.36	51.00	205	

Reviewer: K0HS, 14-Apr-2023 13:21:33
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

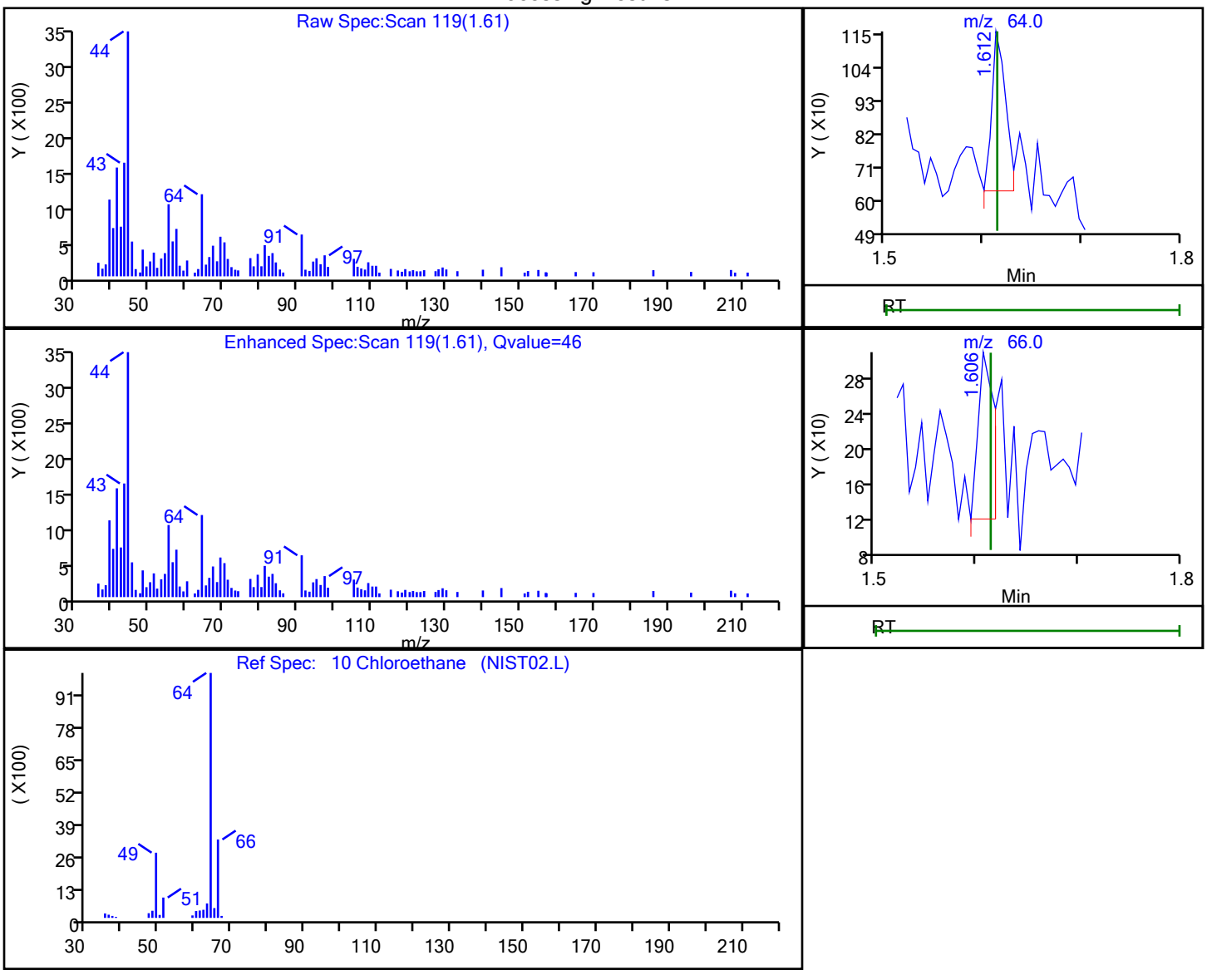
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.61	64.00	522	0.250000
1.61	66.00	197	

Reviewer: HVW2, 14-Apr-2023 01:03:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

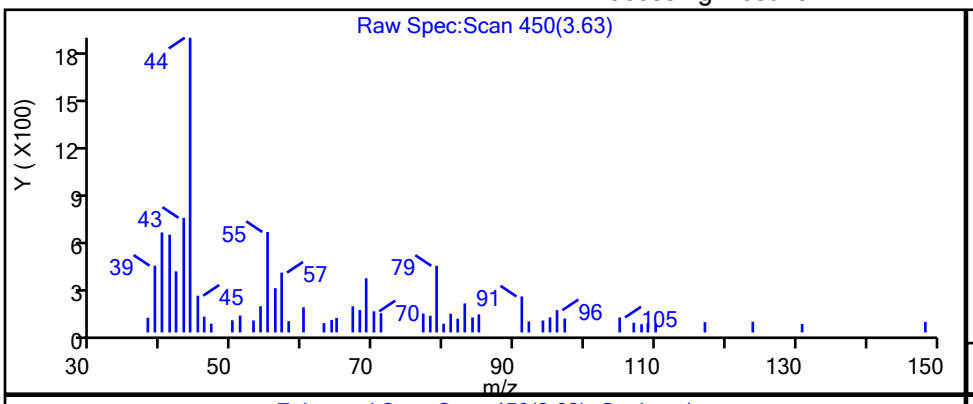
User Disabled Compound Report

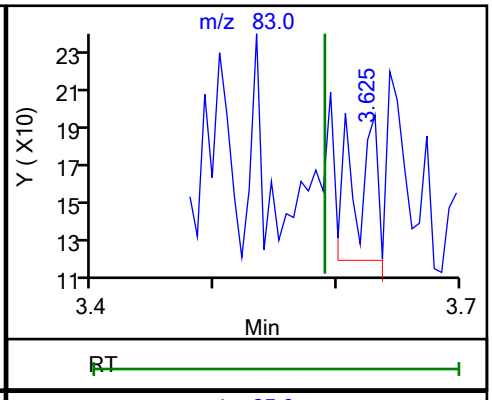
Eurofins Edison

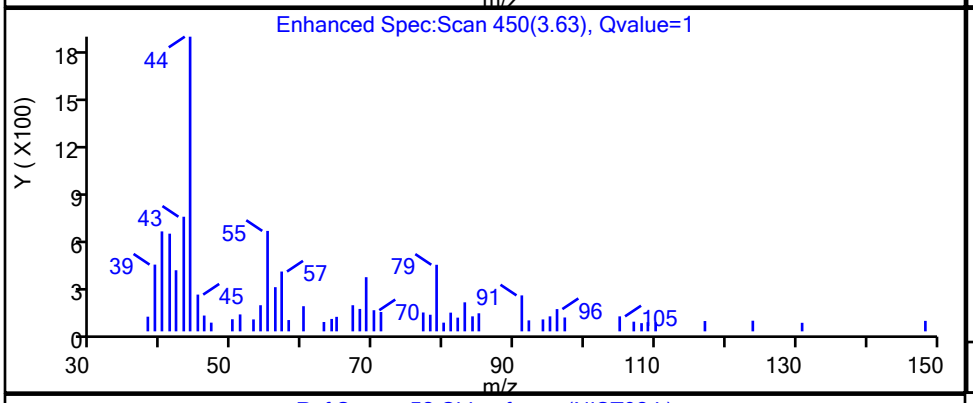
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

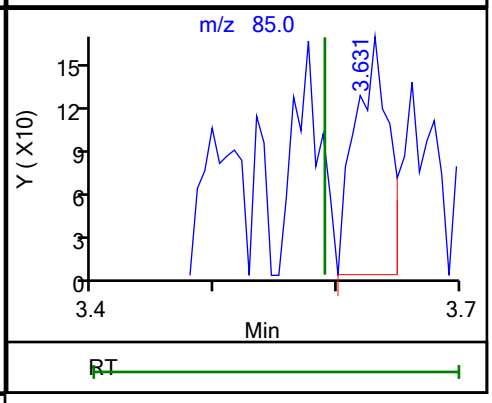
52 Chloroform, CAS: 67-66-3

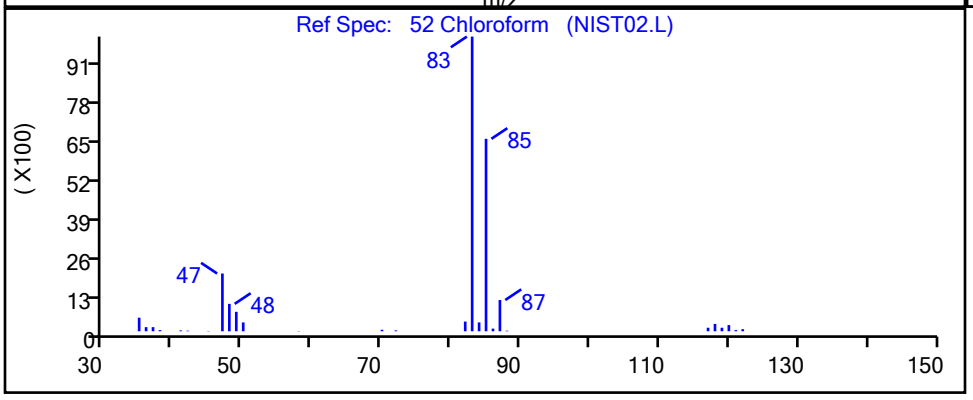
Processing Results











RT	Mass	Response	Amount
3.63	83.00	97	0.018695
3.63	85.00	309	

Reviewer: K0HS, 14-Apr-2023 13:23:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

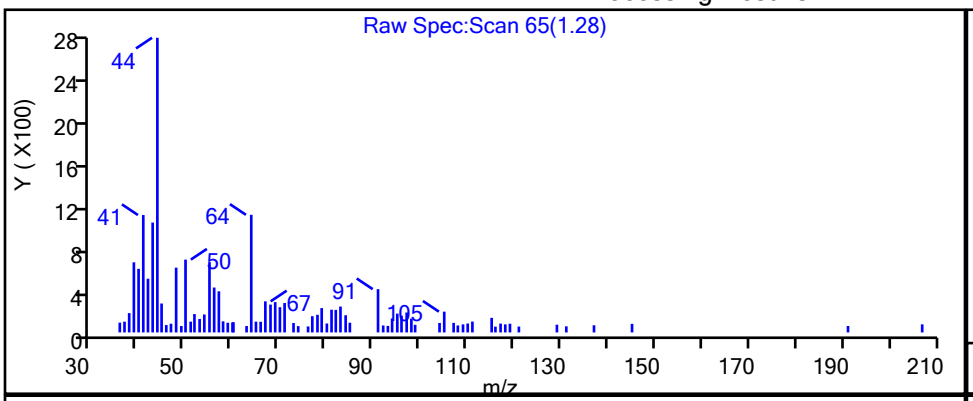
User Disabled Compound Report

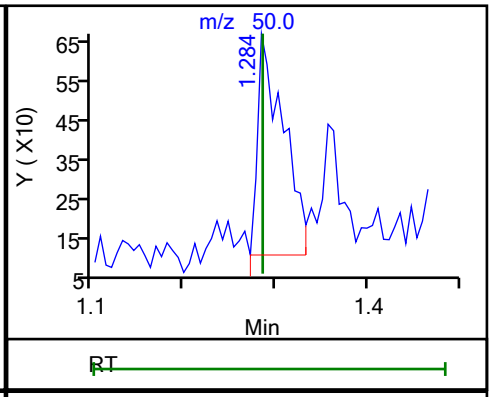
Eurofins Edison

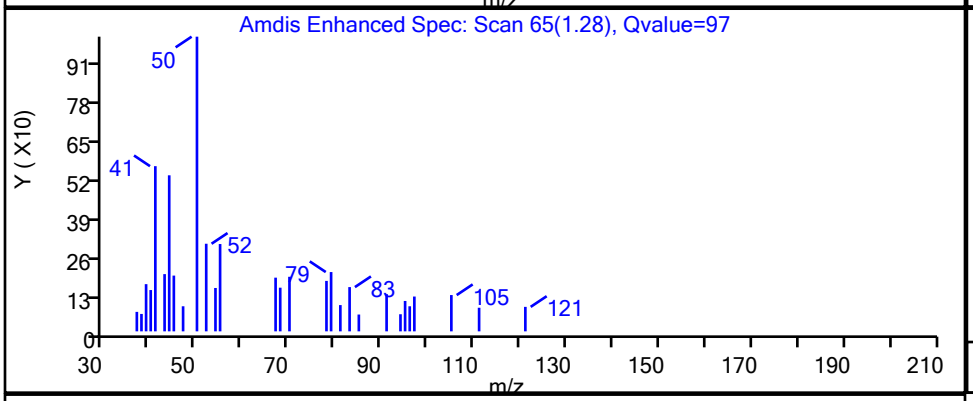
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

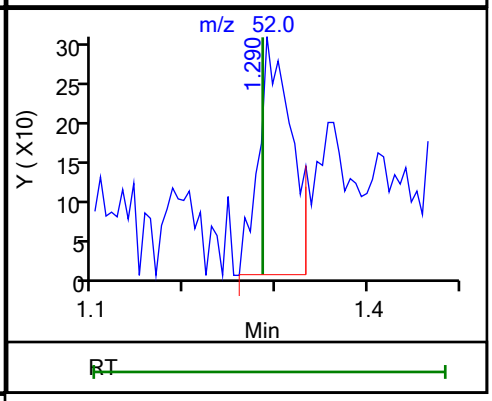
6 Chloromethane, CAS: 74-87-3

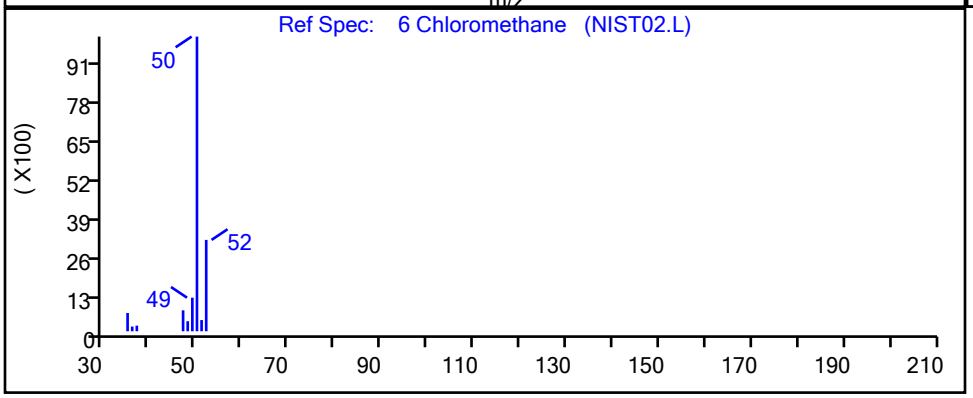
Processing Results











RT	Mass	Response	Amount
1.28	50.00	1126	0.250000
1.29	52.00	766	

Reviewer: HVW2, 14-Apr-2023 01:03:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

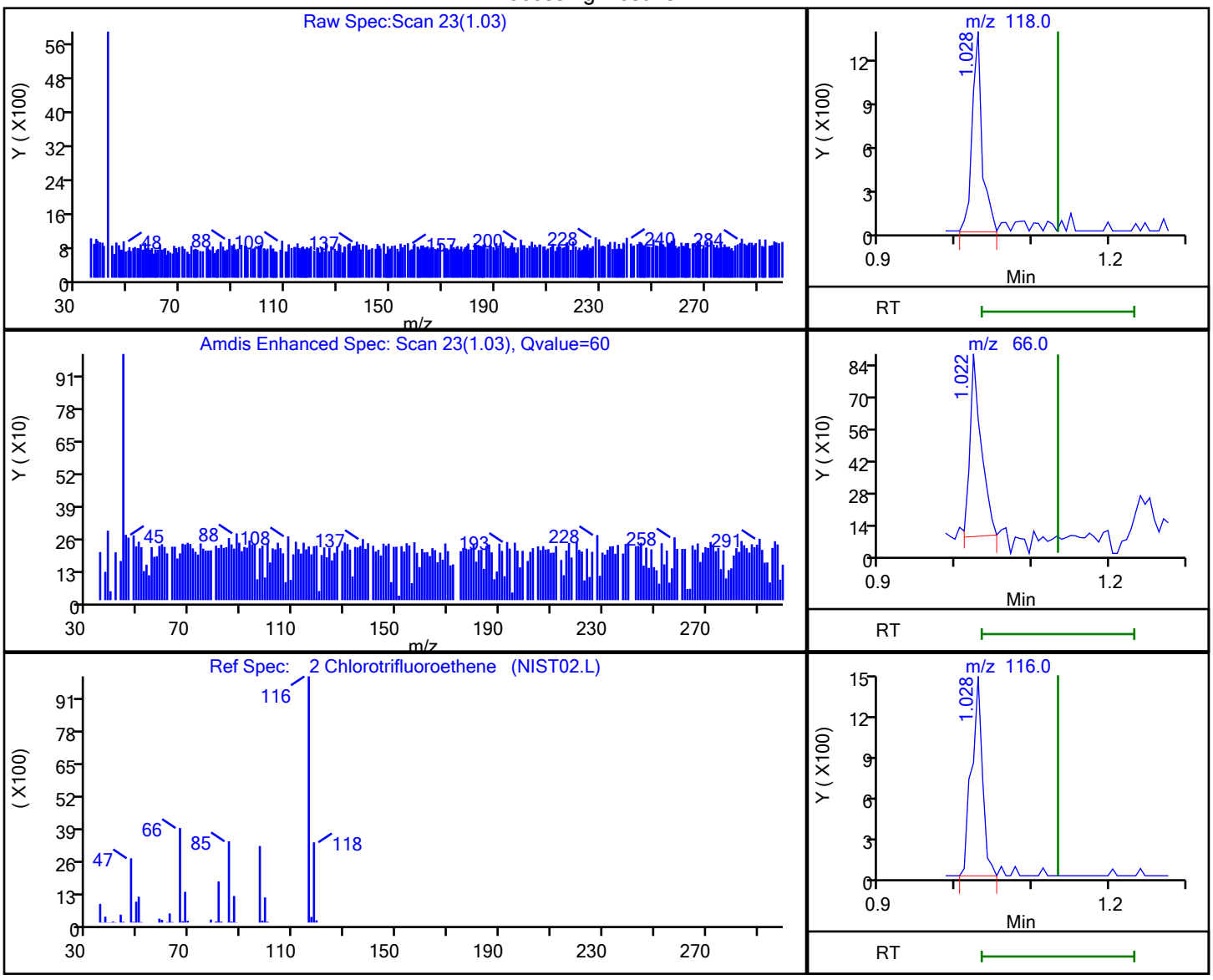
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.03	118.00	1250	5.092139
1.02	66.00	826	
1.03	116.00	1438	

Reviewer: K0HS, 14-Apr-2023 13:21:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

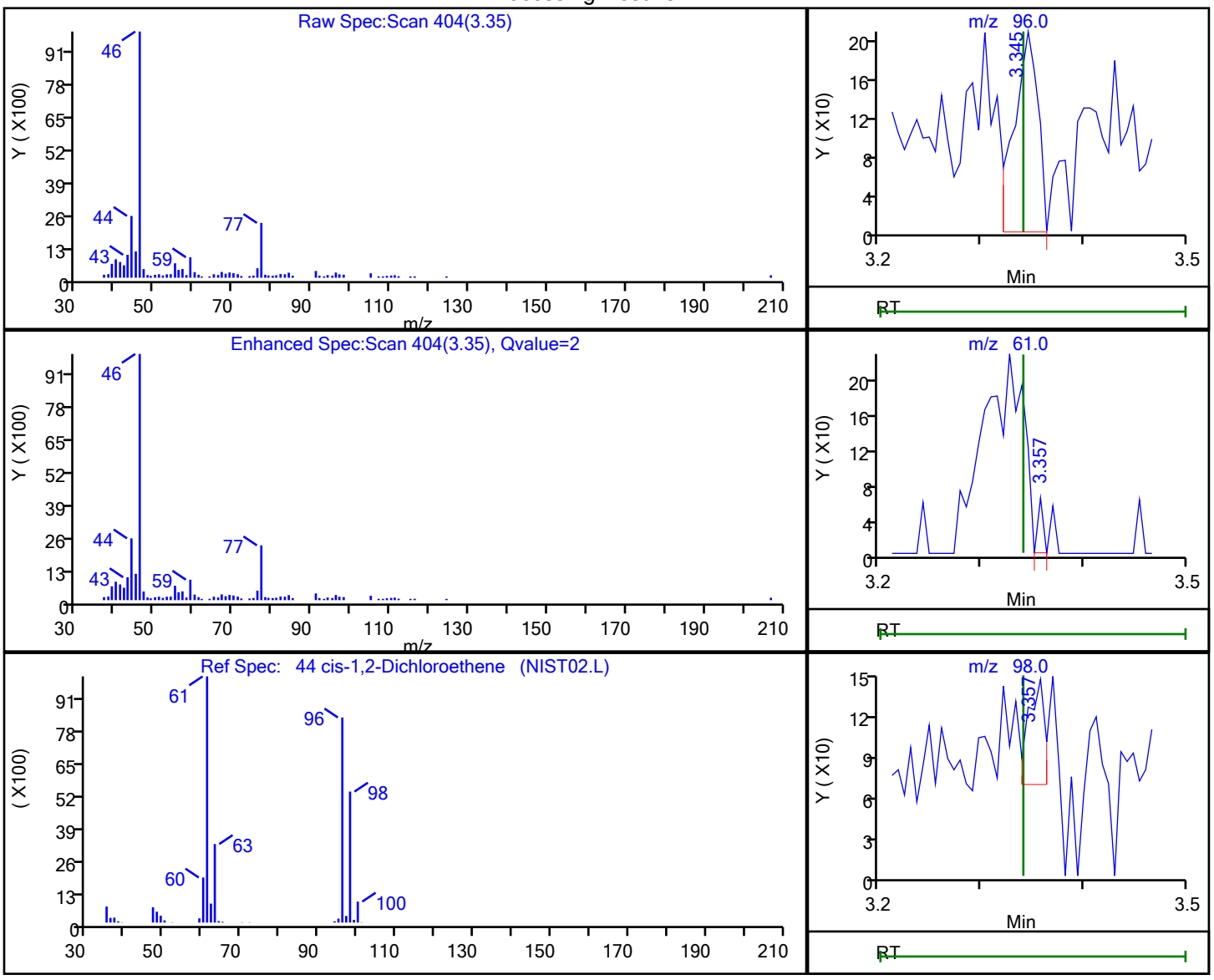
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.35	96.00	332	0.105770
3.36	61.00	23	
3.36	98.00	86	

Reviewer: K0HS, 14-Apr-2023 13:23:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

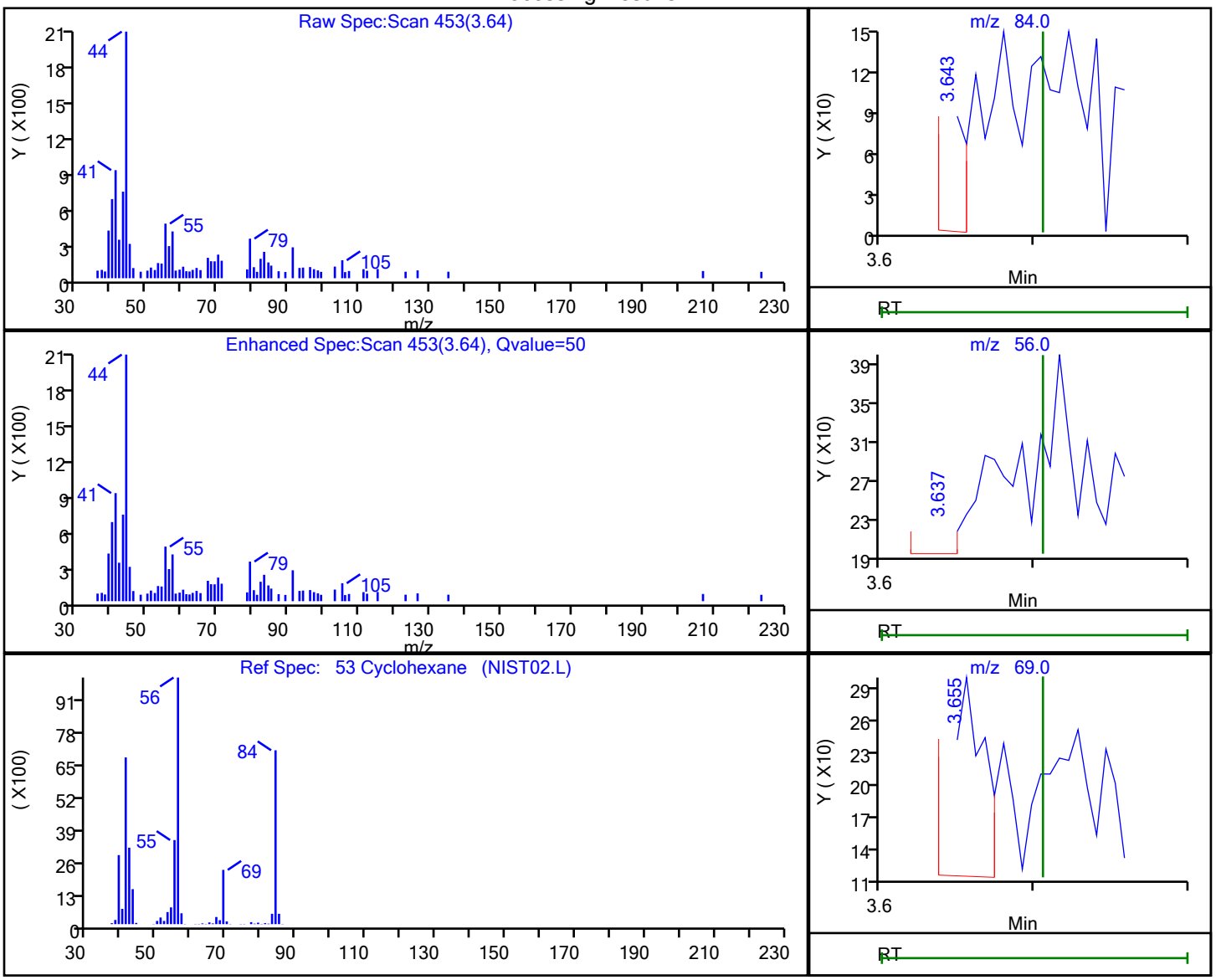
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.64	84.00	135	0.038966
3.64	56.00	112	
3.66	69.00	233	

Reviewer: K0HS, 14-Apr-2023 13:23:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

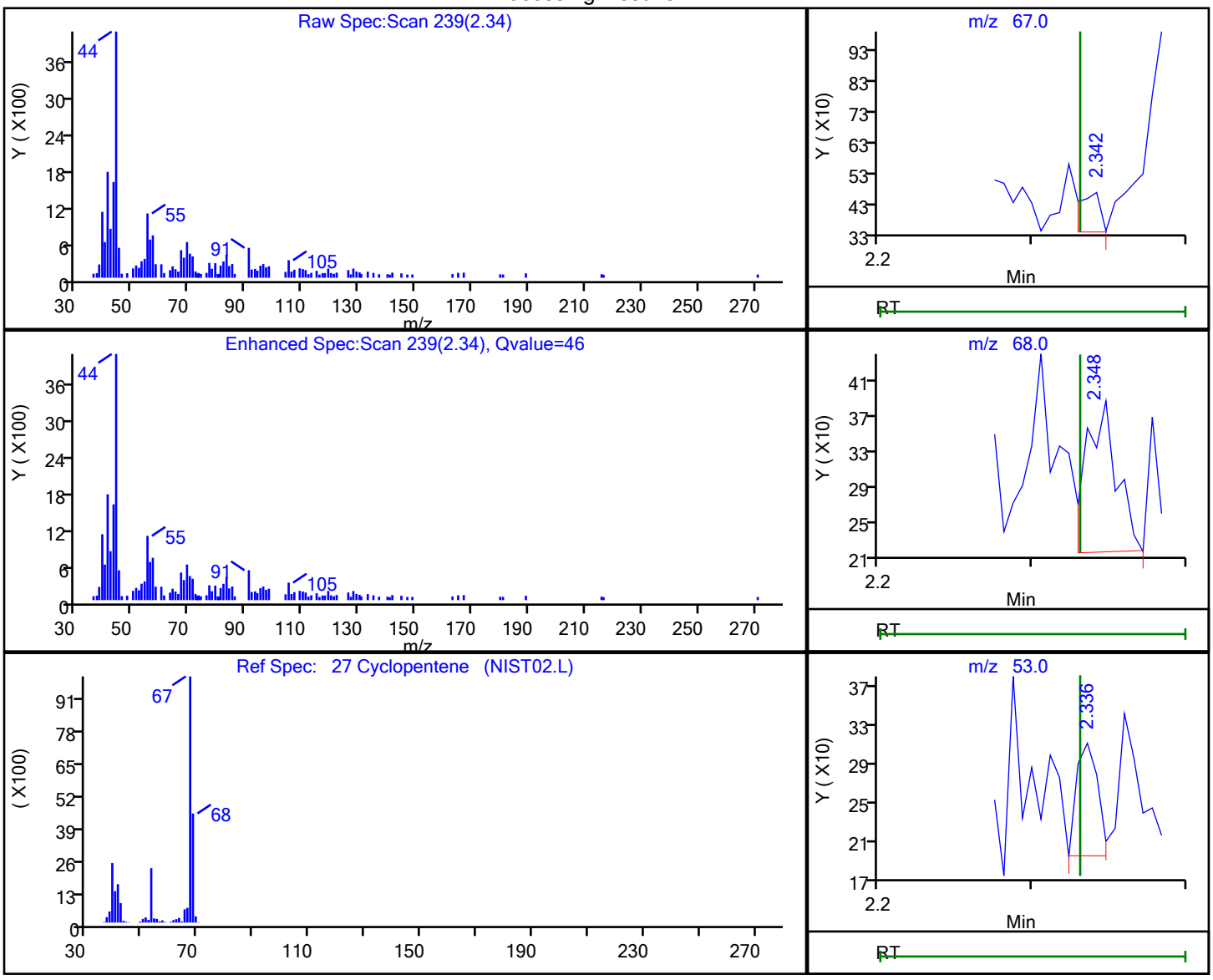
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.34	67.00	120	0.020061
2.35	68.00	235	
2.34	53.00	109	

Reviewer: K0HS, 14-Apr-2023 13:22:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

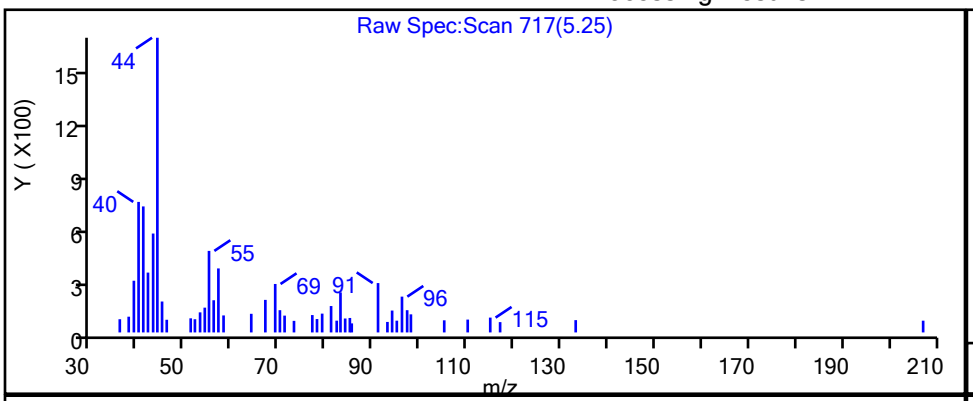
User Disabled Compound Report

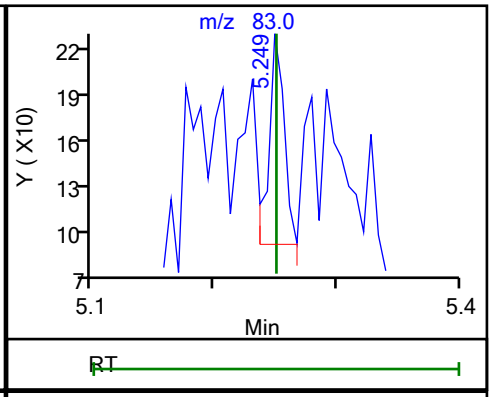
Eurofins Edison

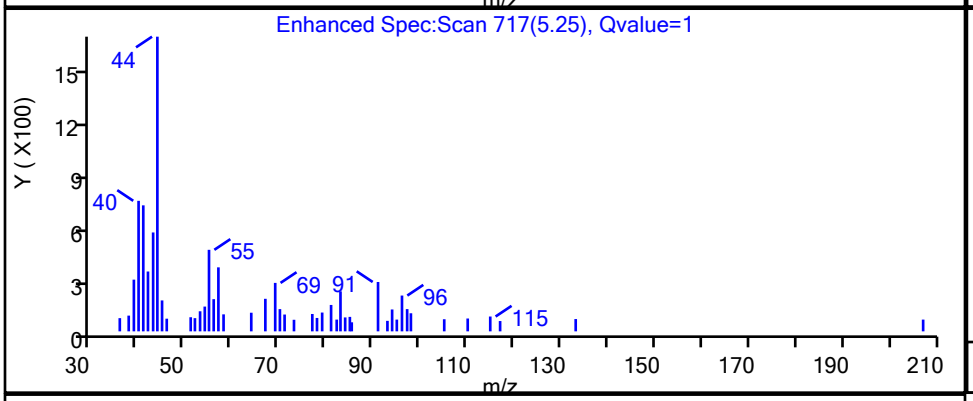
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

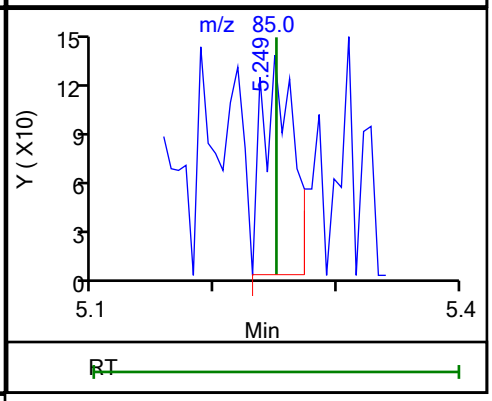
77 Dichlorobromomethane, CAS: 75-27-4

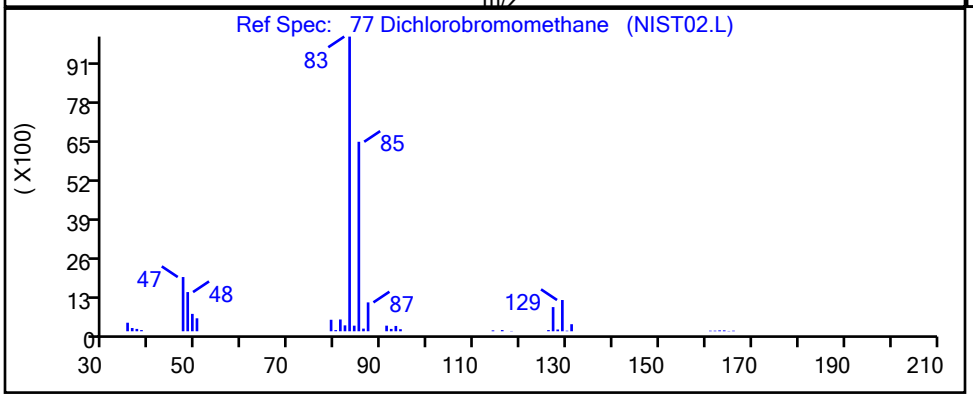
Processing Results











RT	Mass	Response	Amount
5.25	83.00	111	0.026837
5.25	85.00	227	

Reviewer: K0HS, 14-Apr-2023 13:23:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

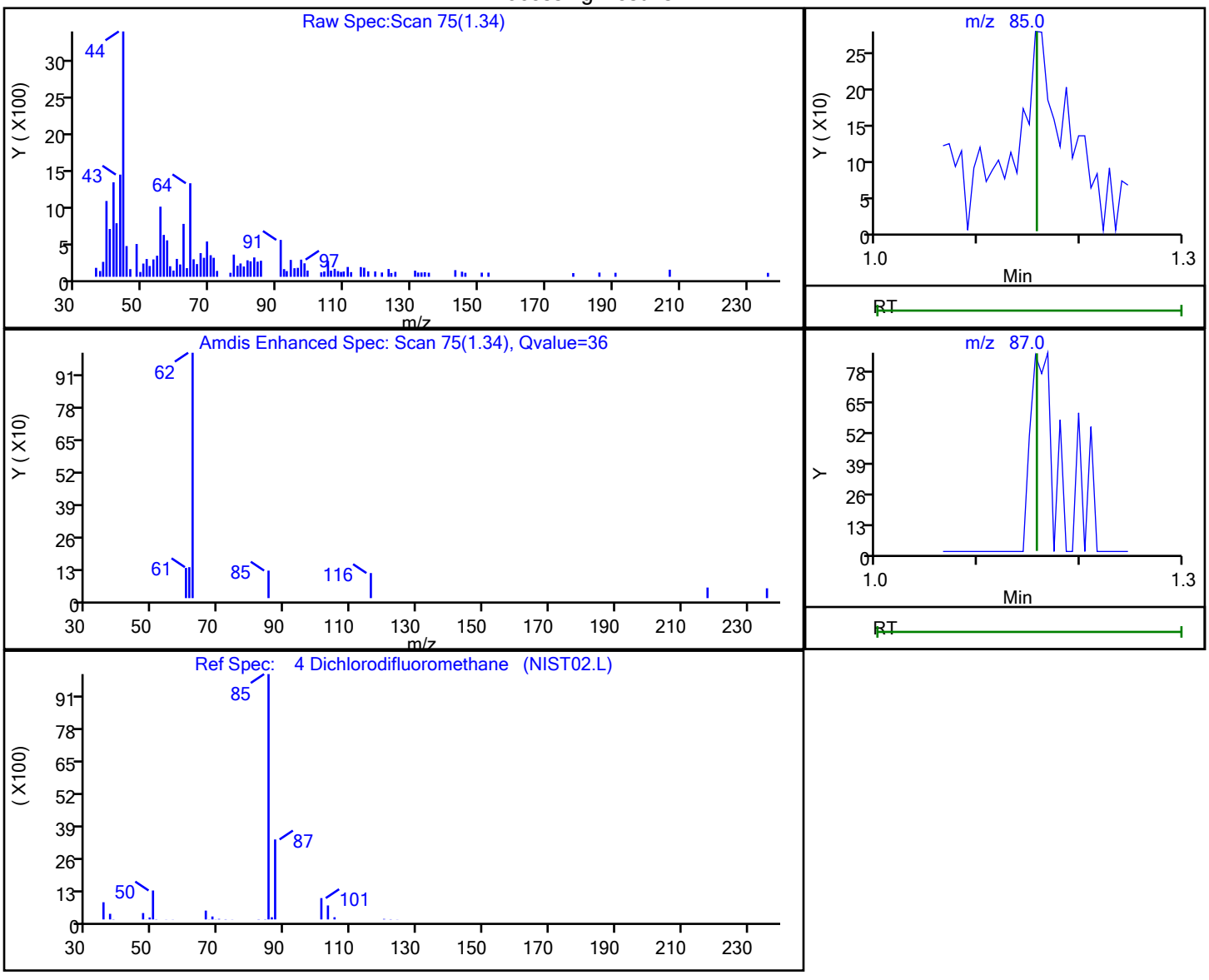
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.34	85.00	169	0.250000
1.36	87.00	52	

Reviewer: HVW2, 14-Apr-2023 01:03:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

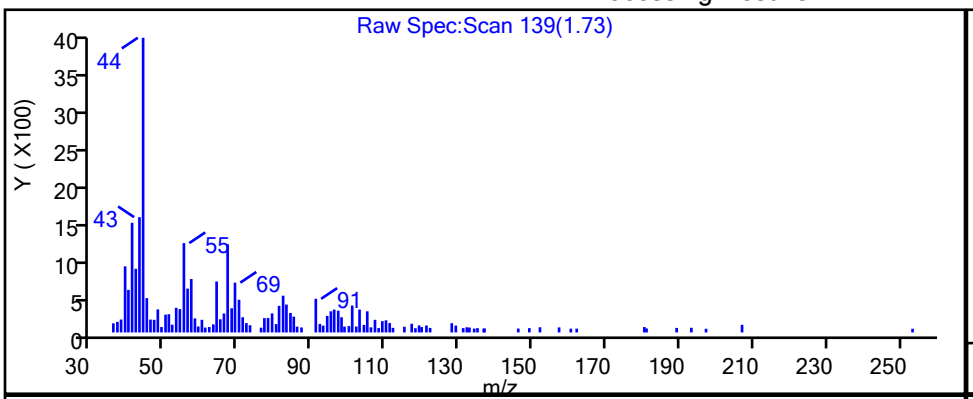
User Disabled Compound Report

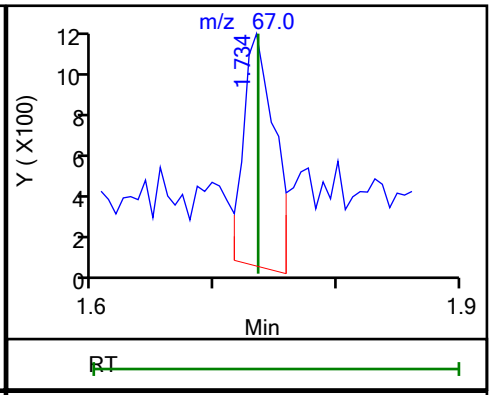
Eurofins Edison

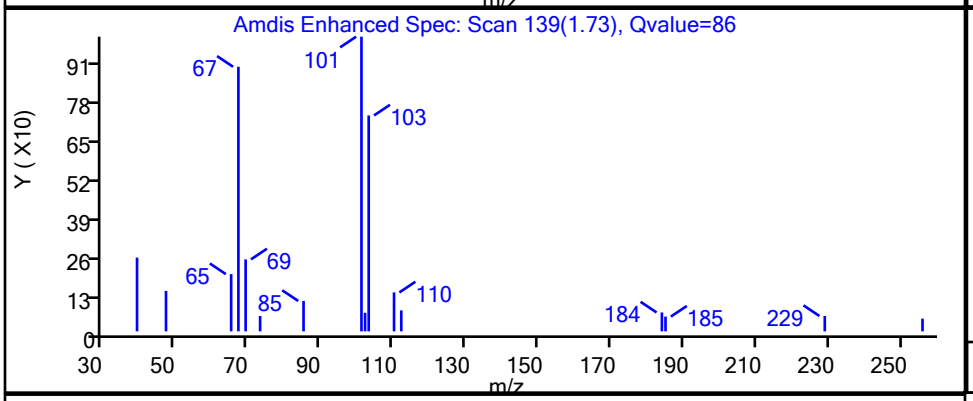
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

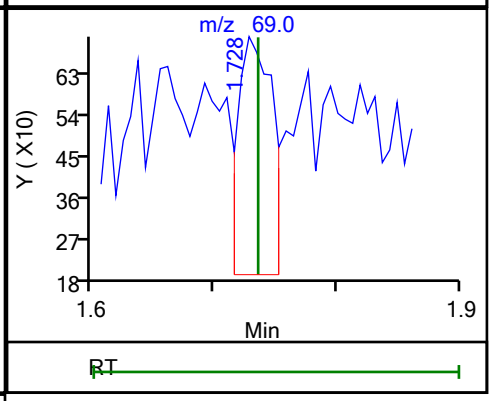
12 Dichlorofluoromethane, CAS: 75-43-4

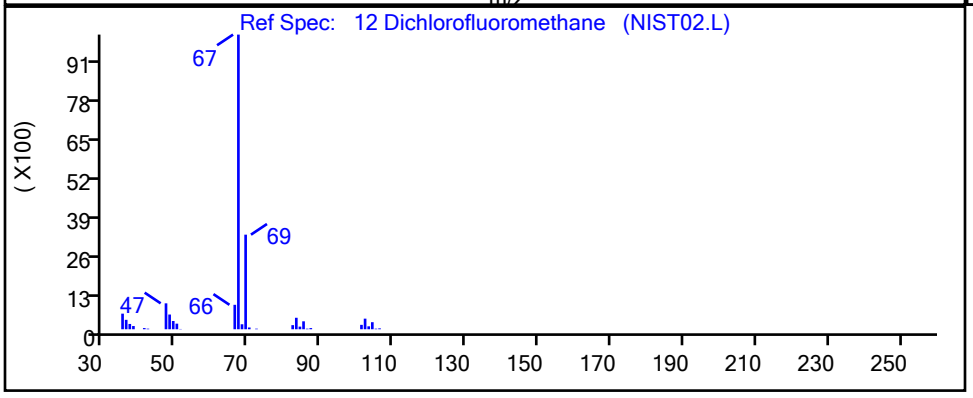
Processing Results











RT	Mass	Response	Amount
1.73	67.00	1925	0.432604
1.73	69.00	1059	

Reviewer: K0HS, 14-Apr-2023 13:21:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

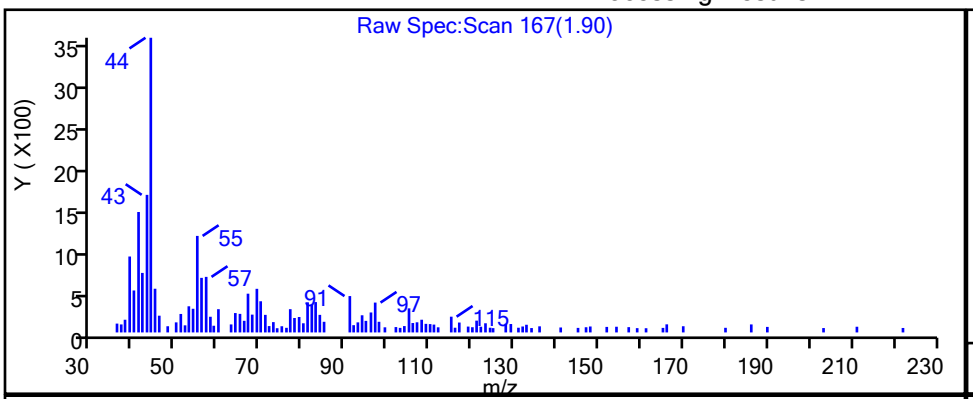
User Disabled Compound Report

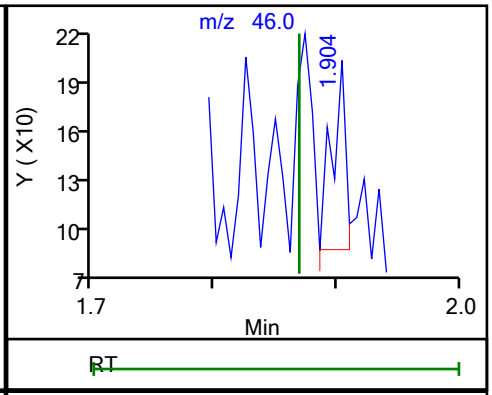
Eurofins Edison

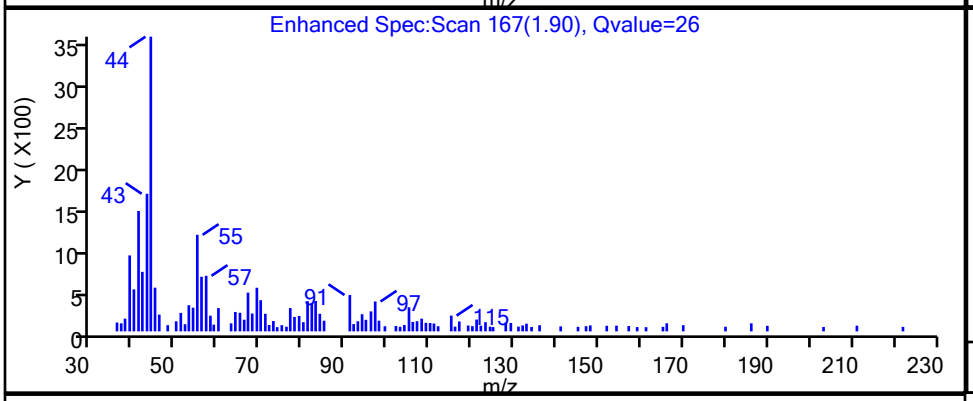
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

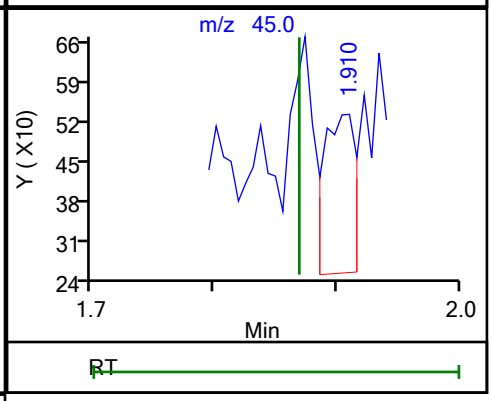
14 Ethanol, CAS: 64-17-5

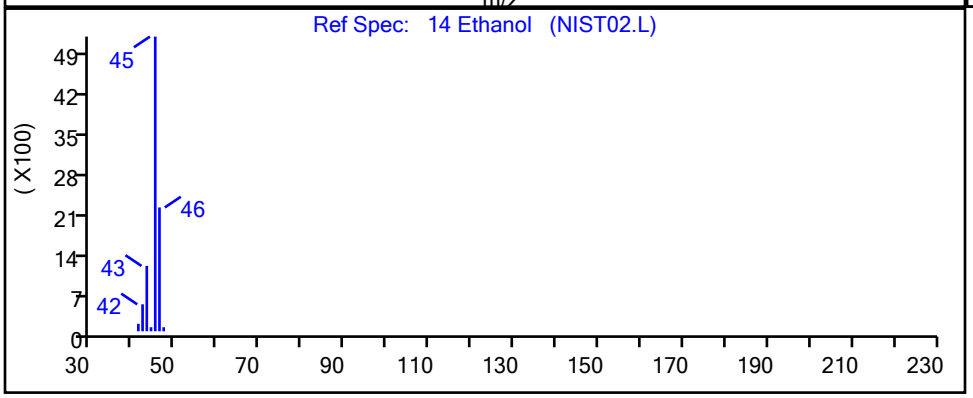
Processing Results











RT	Mass	Response	Amount
1.90	46.00	90	27.859449
1.91	45.00	527	

Reviewer: K0HS, 14-Apr-2023 13:21:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

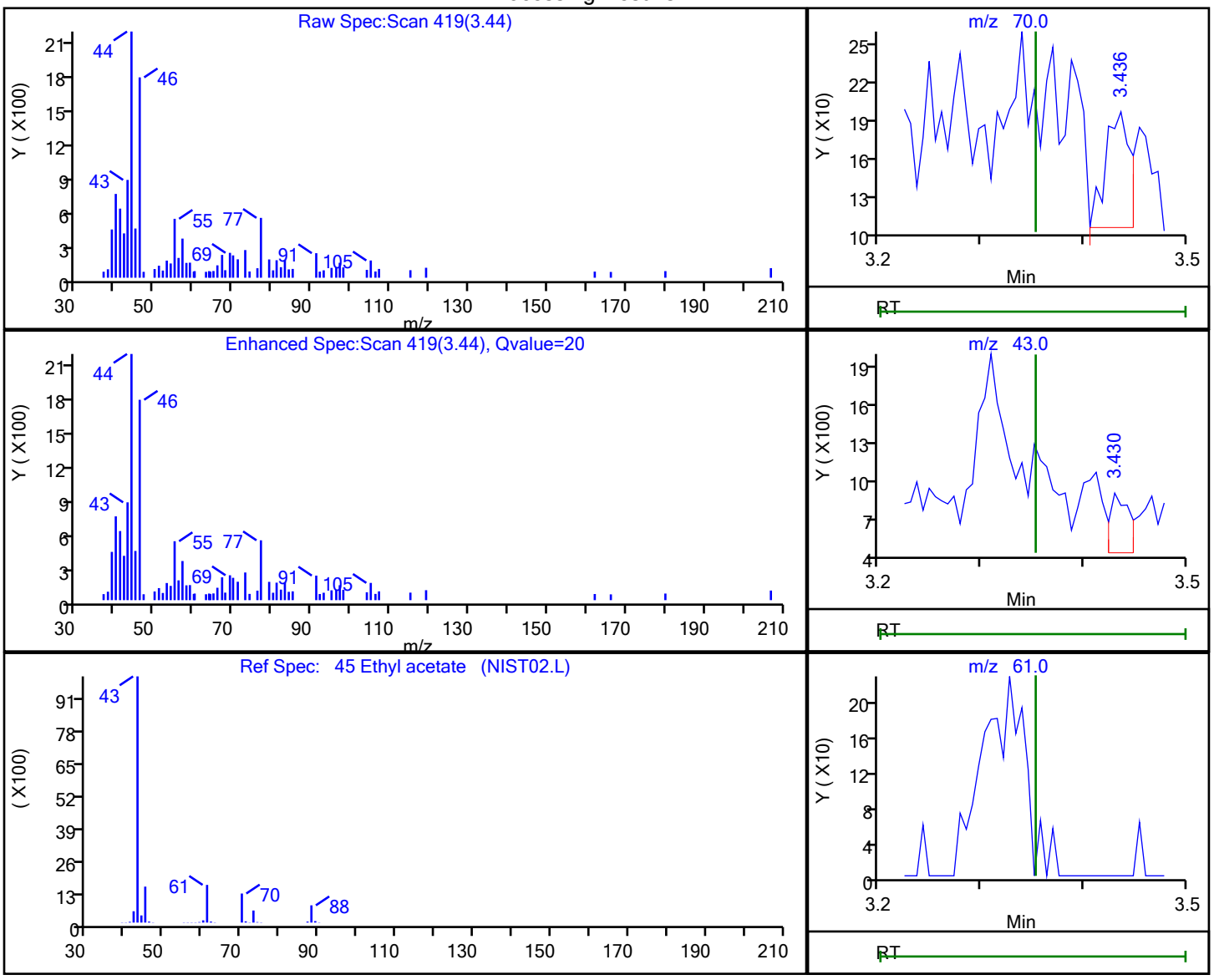
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.44	70.00	150	0.446912
3.43	43.00	586	
3.37	61.00	0	

Reviewer: K0HS, 14-Apr-2023 13:23:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

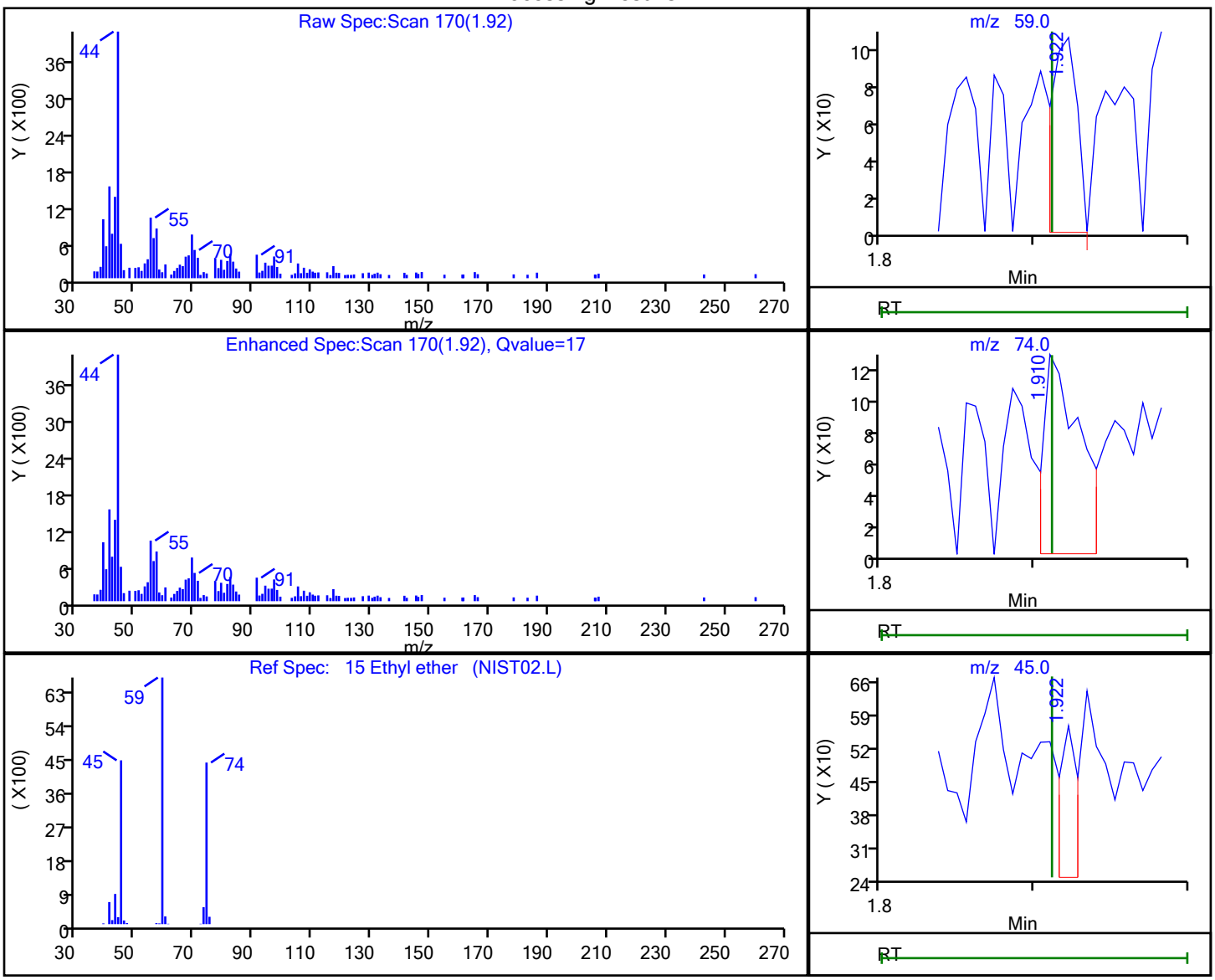
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.92	59.00	115	0.050740
1.91	74.00	207	
1.92	45.00	272	

Reviewer: K0HS, 14-Apr-2023 13:22:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

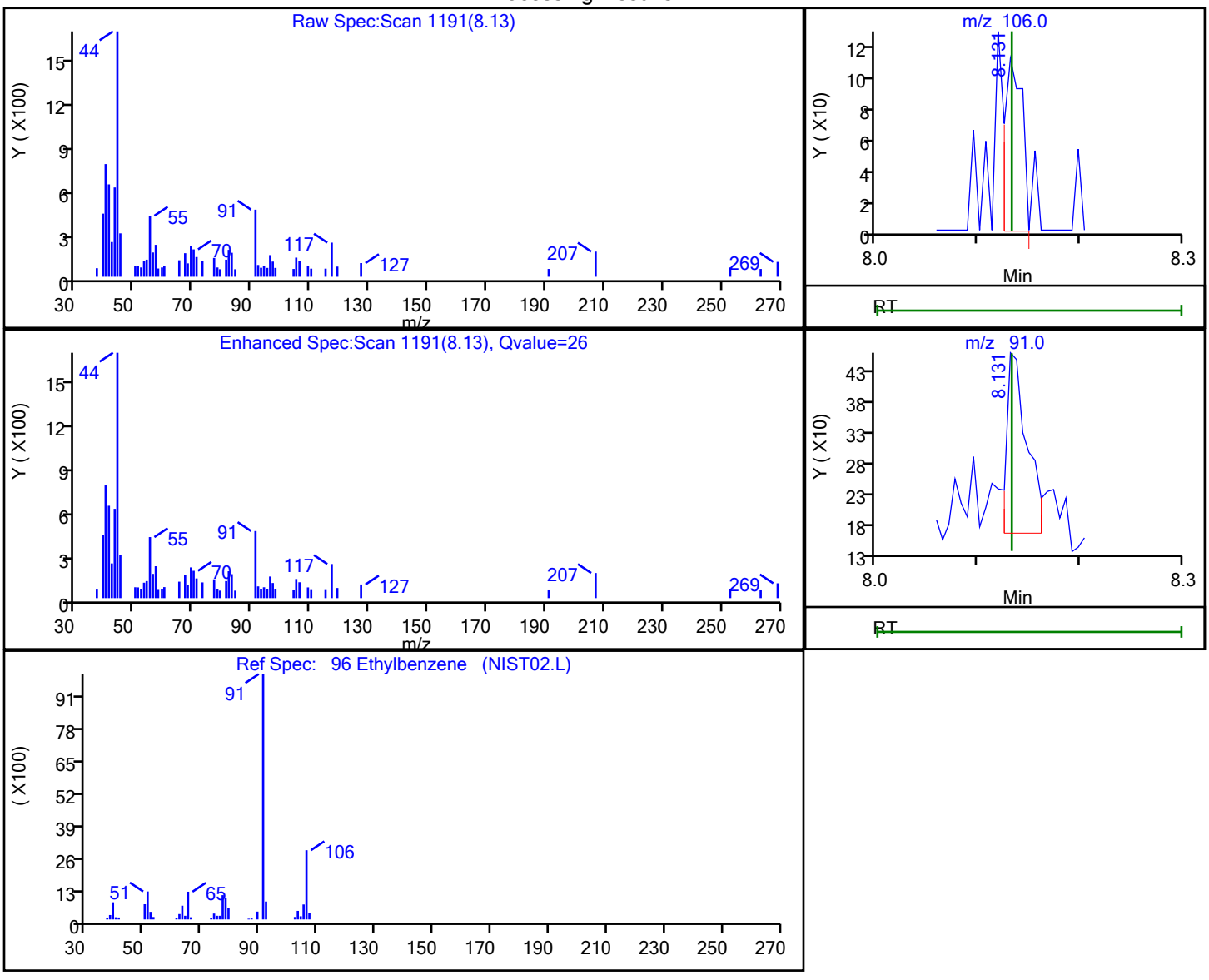
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.13	106.00	129	0.034107
8.13	91.00	407	

Reviewer: K0HS, 14-Apr-2023 13:23:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

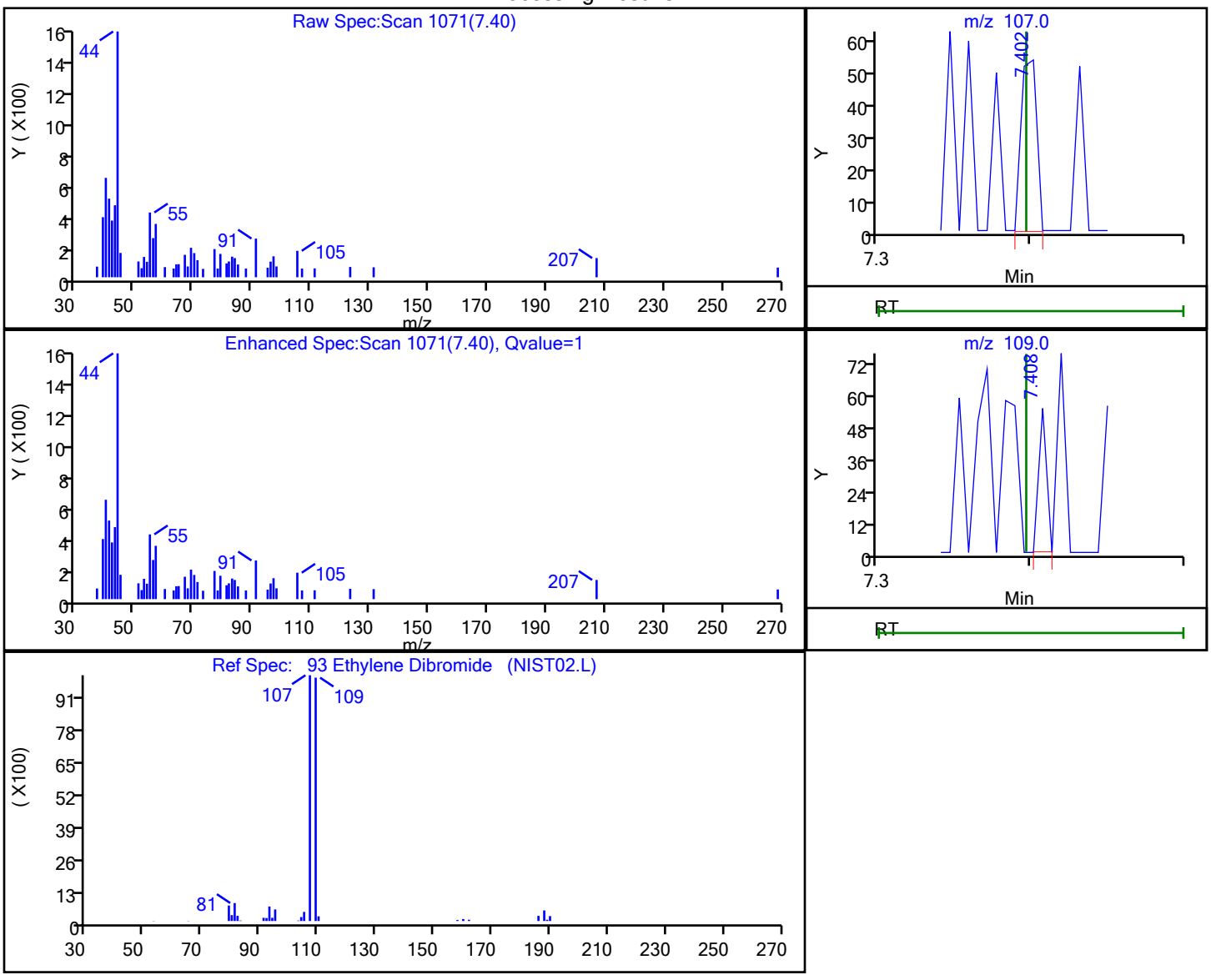
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D				
Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.40	107.00	39	0.014694
7.41	109.00	20	

Reviewer: K0HS, 14-Apr-2023 13:23:51

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

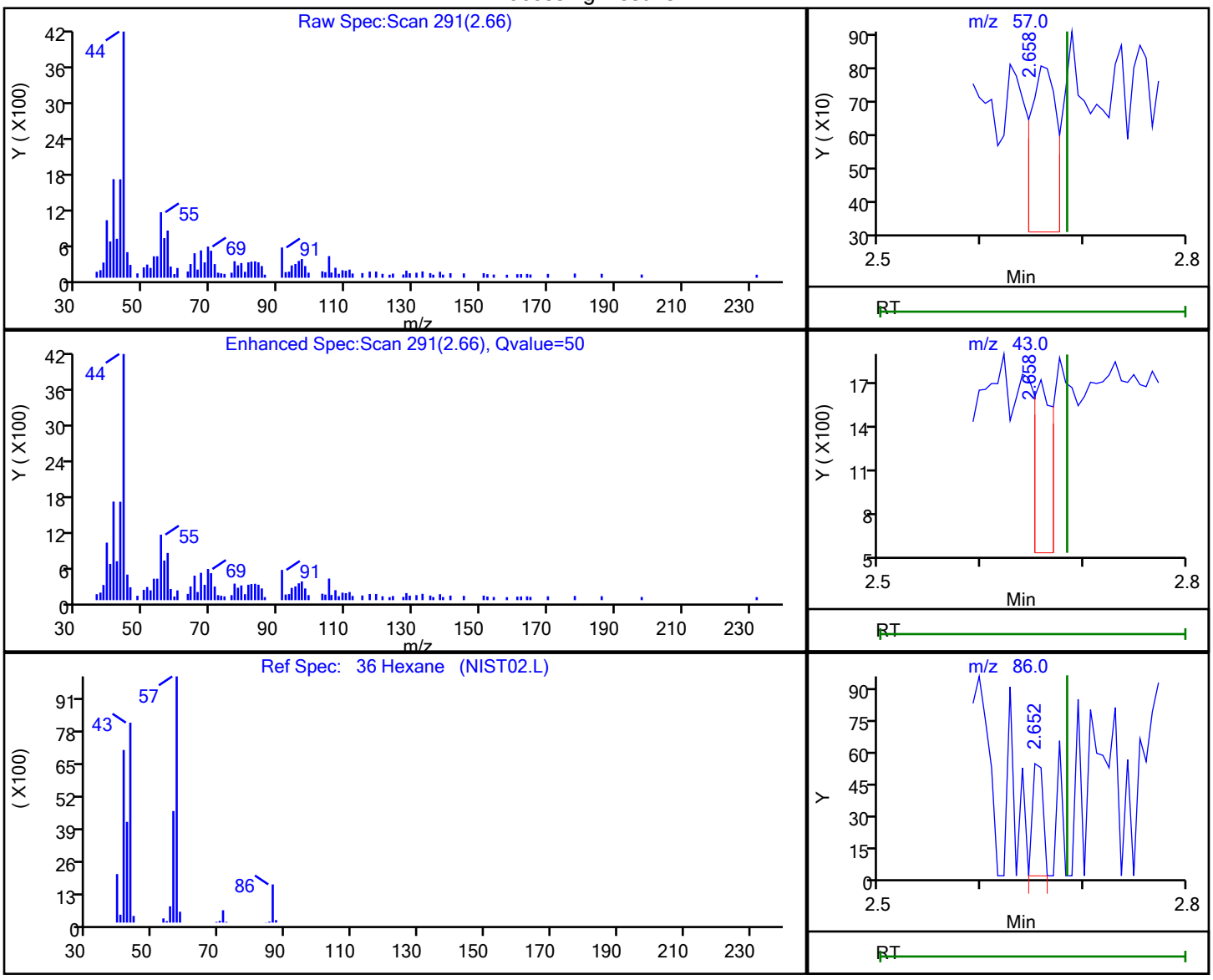
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.66	57.00	881	0.311024
2.66	43.00	1437	
2.65	86.00	39	
2.66	56.00	988	

Reviewer: K0HS, 14-Apr-2023 13:22:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

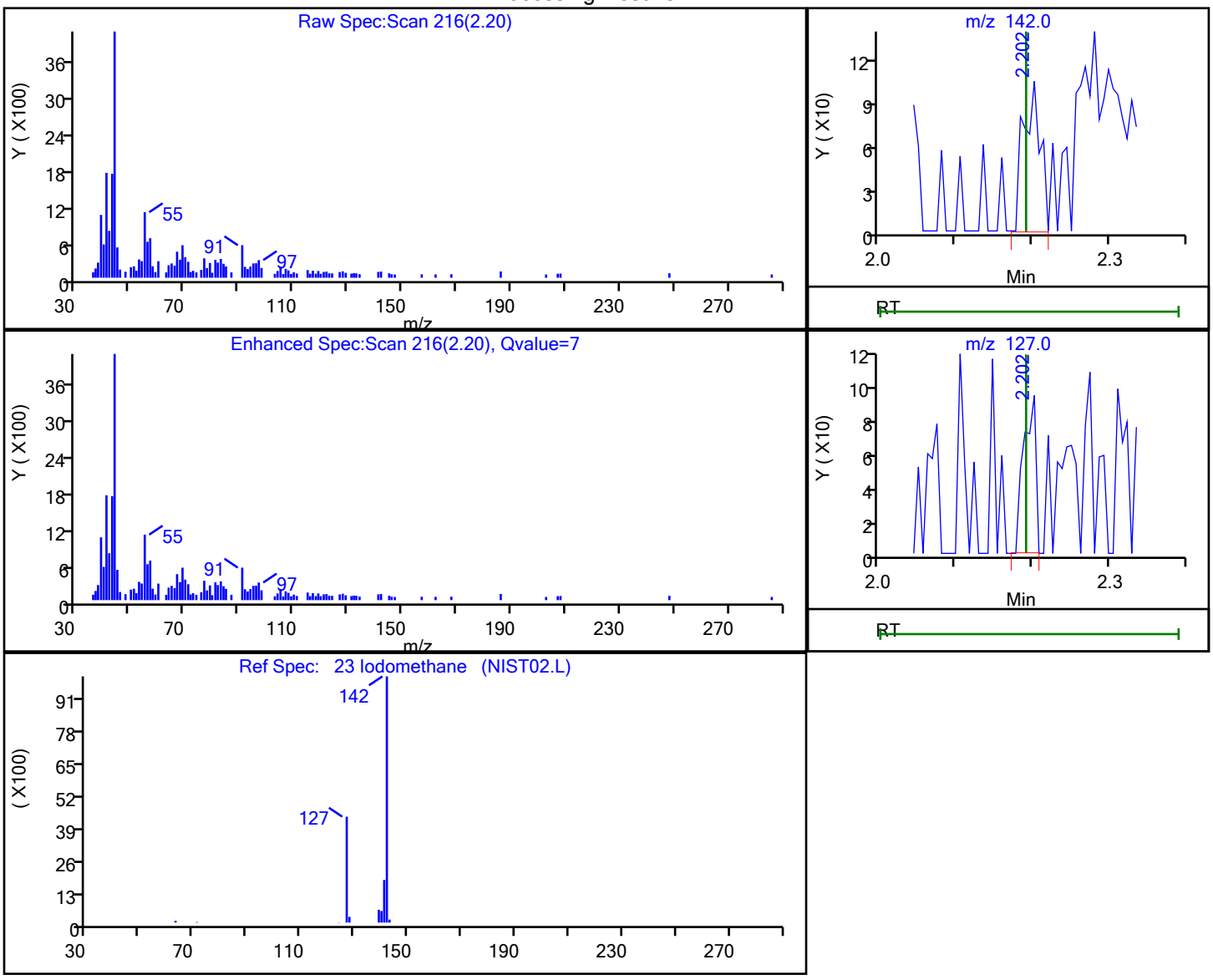
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.20	142.00	157	0.041982
2.20	127.00	106	

Reviewer: K0HS, 14-Apr-2023 13:22:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

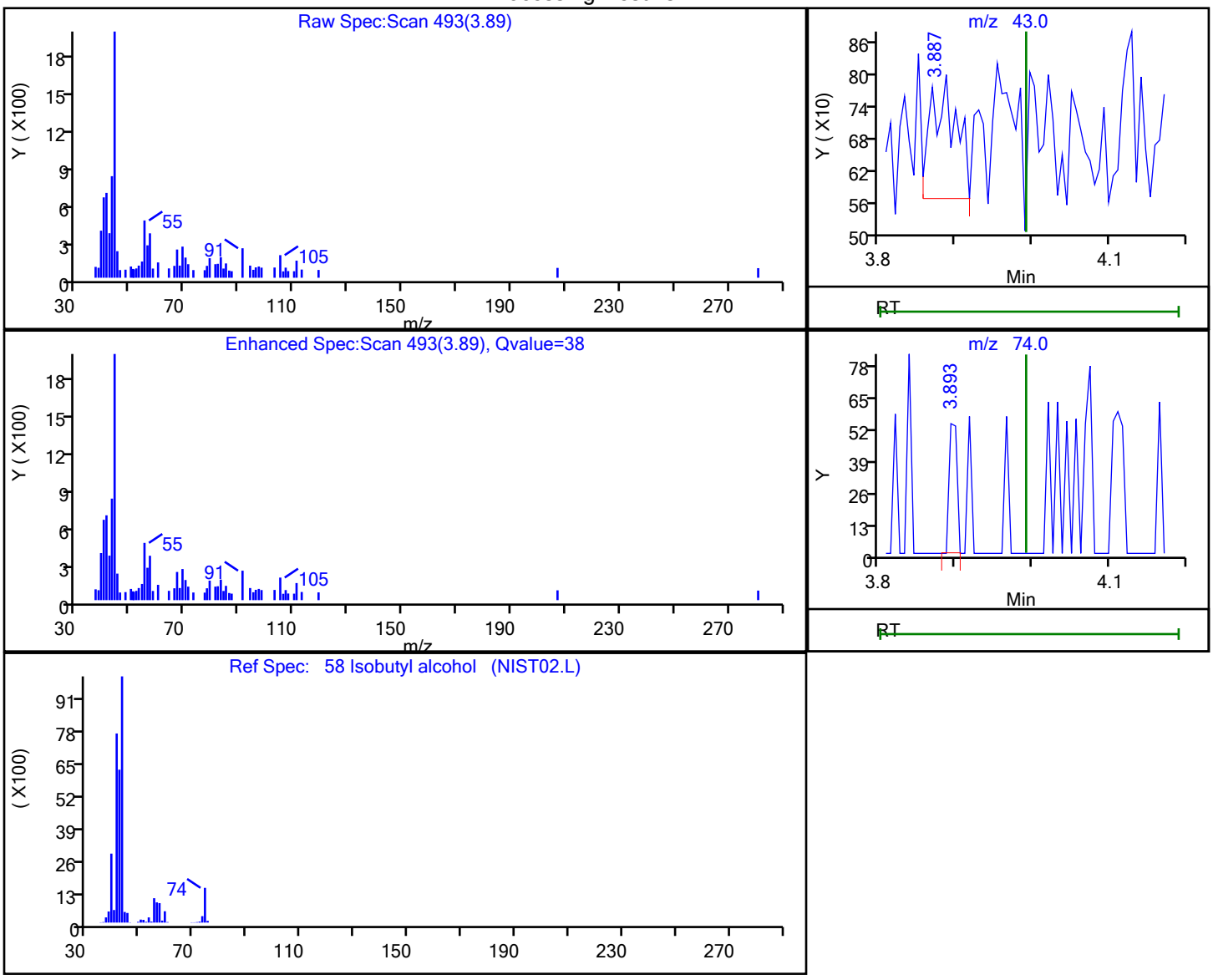
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.89	43.00	505	4.097878
3.89	74.00	39	

Reviewer: K0HS, 14-Apr-2023 13:23:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

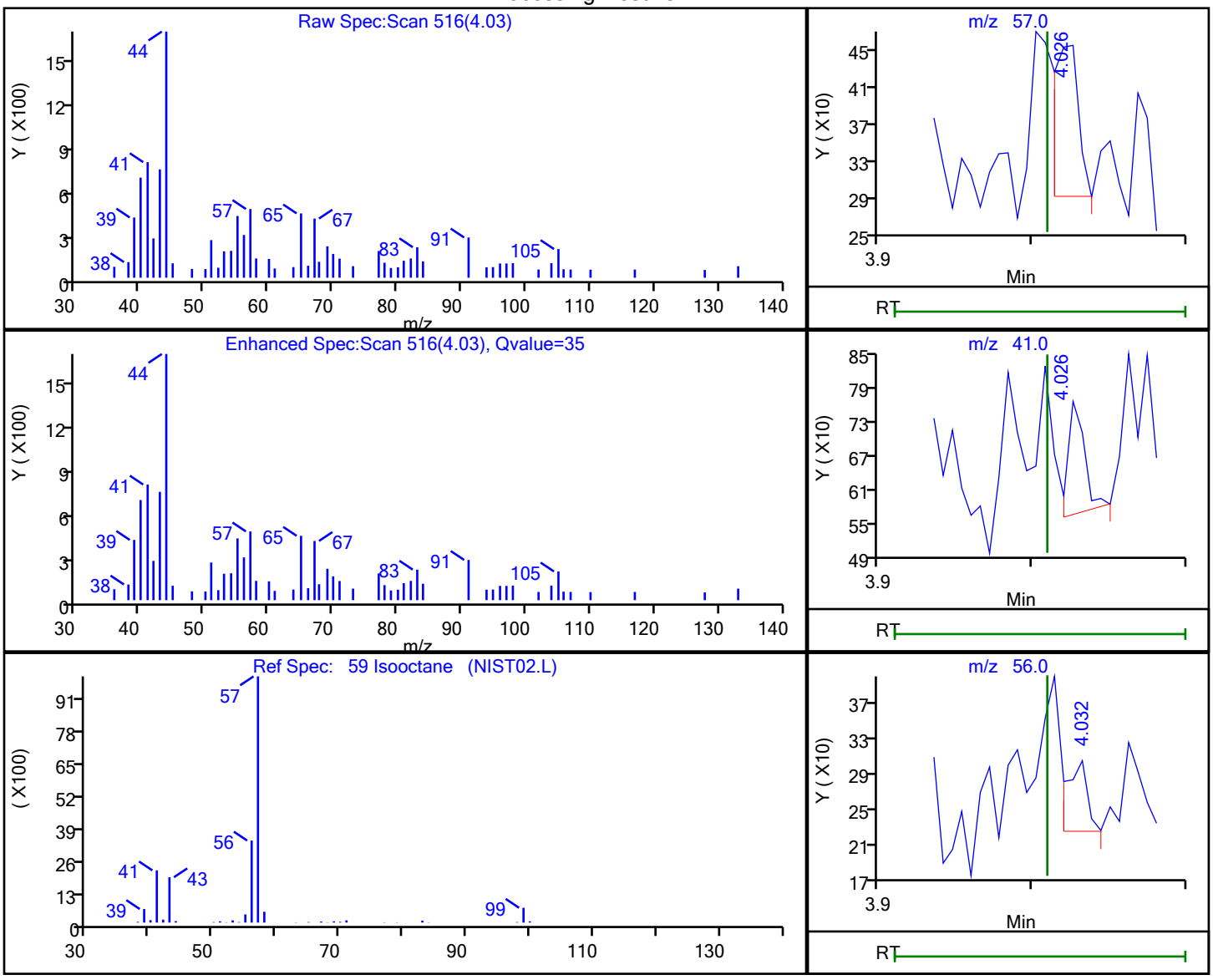
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.03	57.00	187	0.033732
4.03	41.00	144	
4.03	56.00	73	

Reviewer: K0HS, 14-Apr-2023 13:23:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

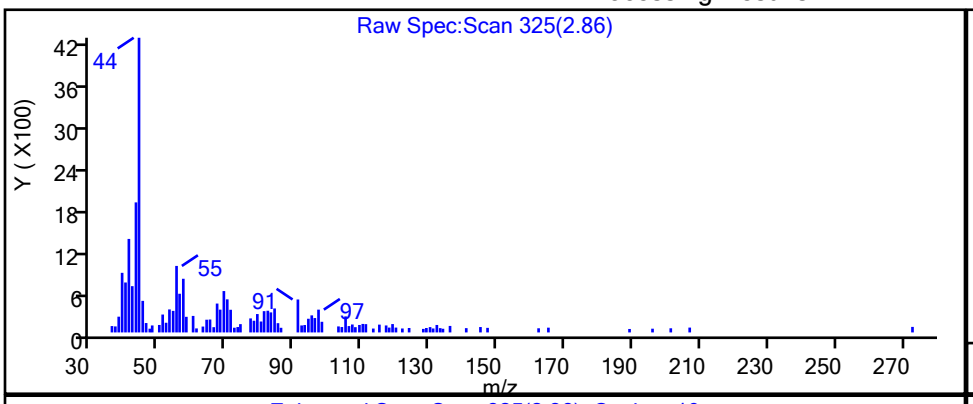
User Disabled Compound Report

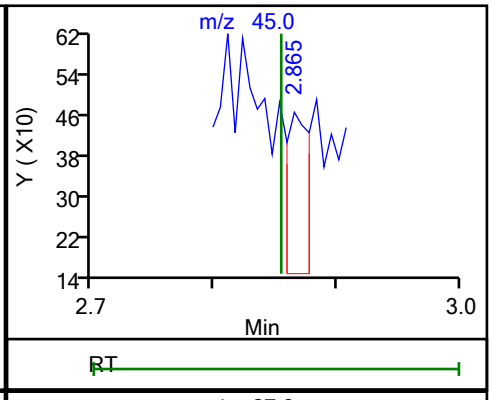
Eurofins Edison

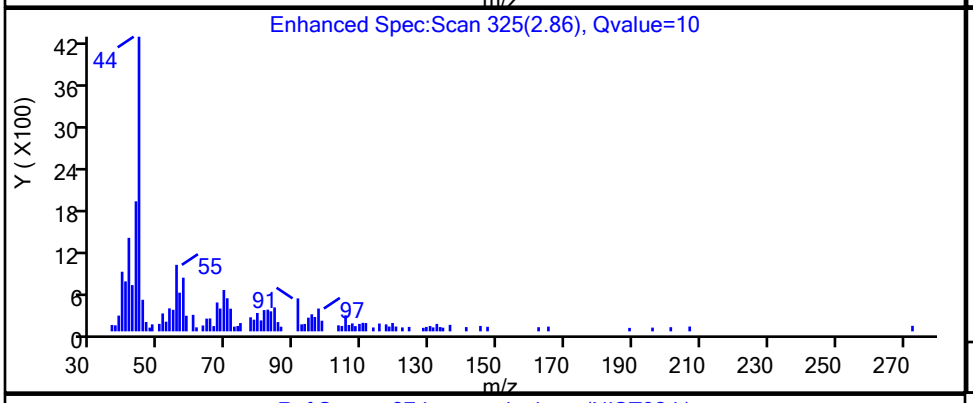
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

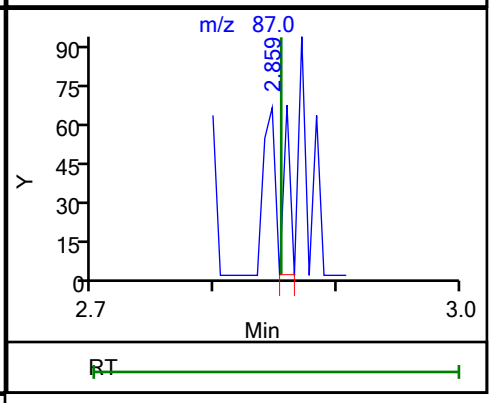
37 Isopropyl ether, CAS: 108-20-3

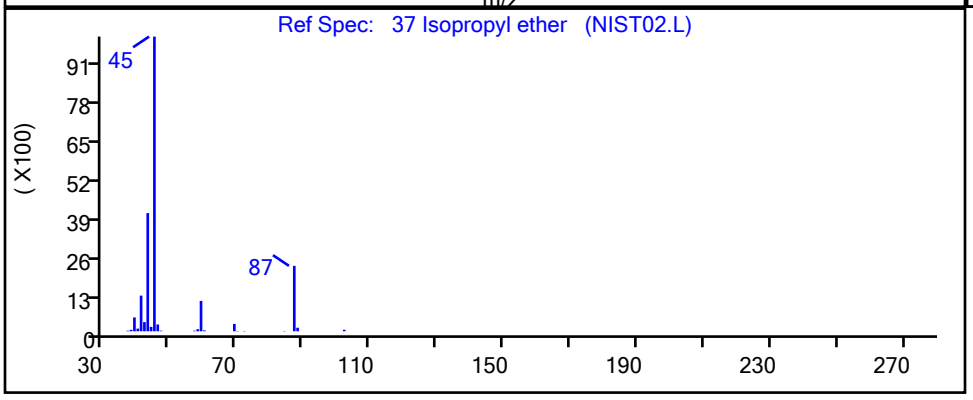
Processing Results











RT	Mass	Response	Amount
2.86	45.00	413	0.037150
2.86	87.00	24	

Reviewer: K0HS, 14-Apr-2023 13:22:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

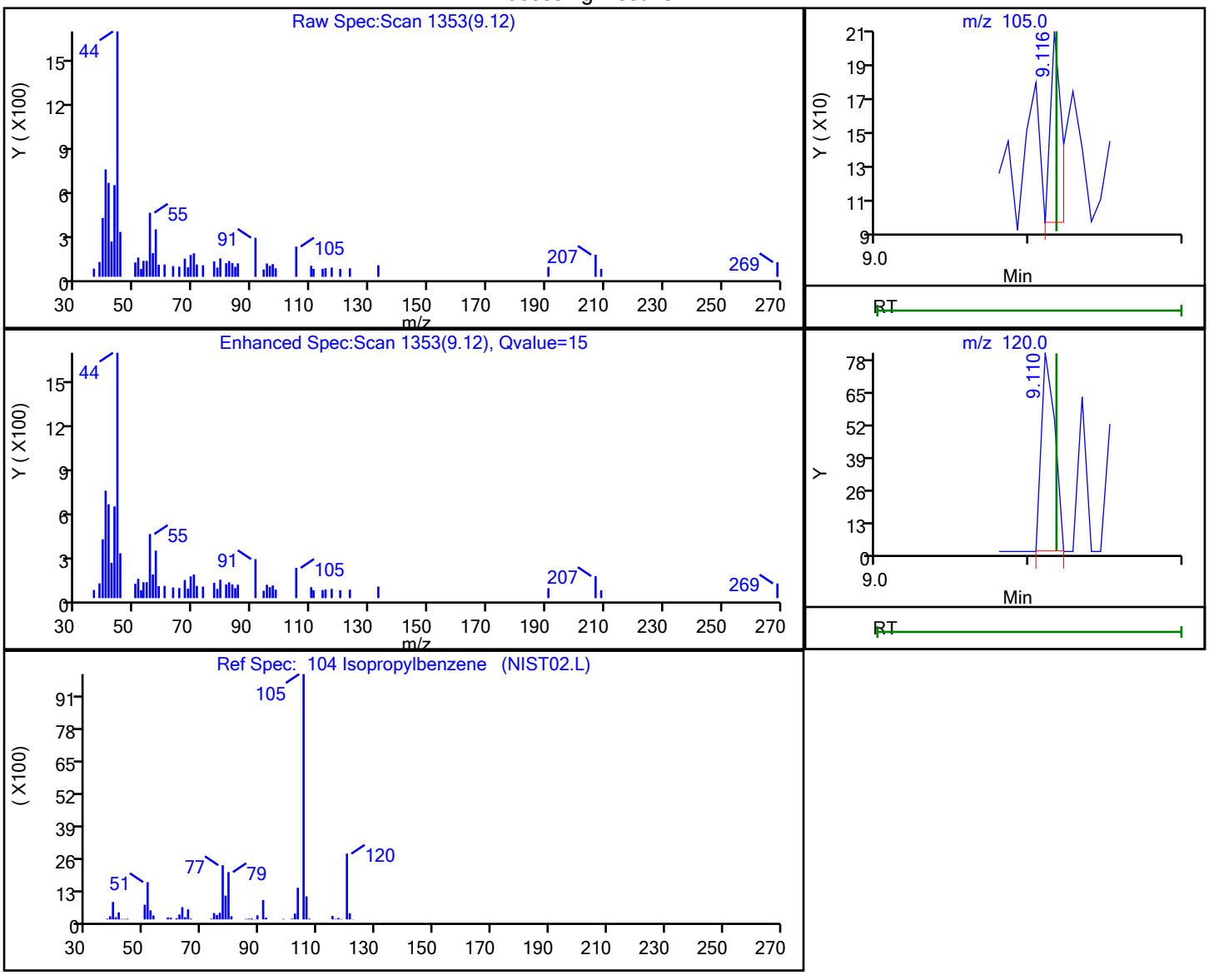
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.12	105.00	58	0.005884
9.11	120.00	49	

Reviewer: K0HS, 14-Apr-2023 13:23:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

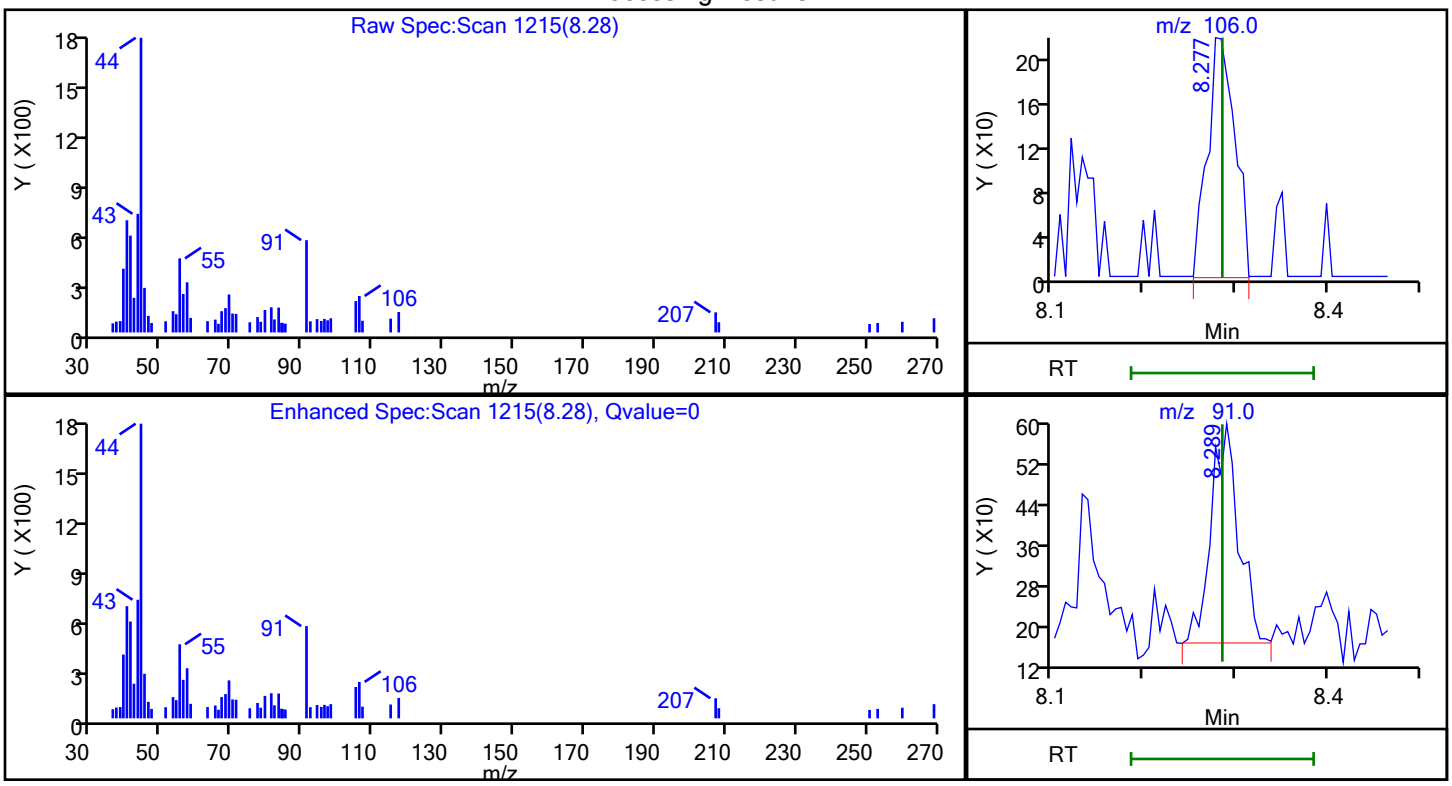
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.28	106.00	450	0.097481
8.29	91.00	894	

Reviewer: K0HS, 14-Apr-2023 13:23:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

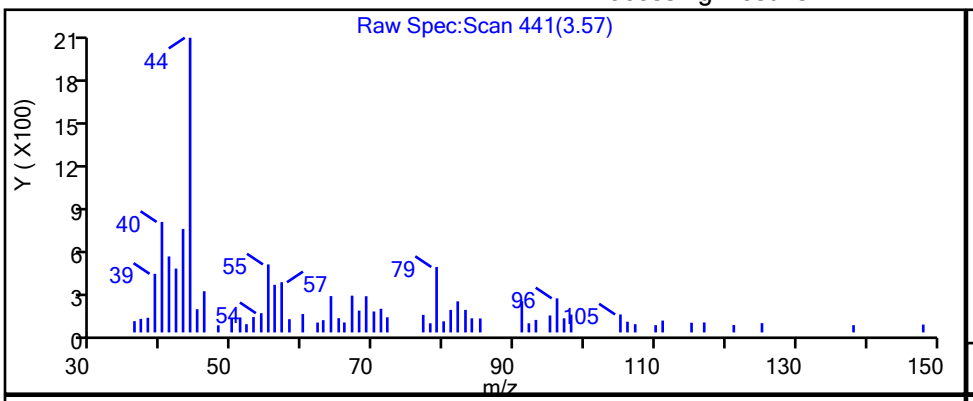
User Disabled Compound Report

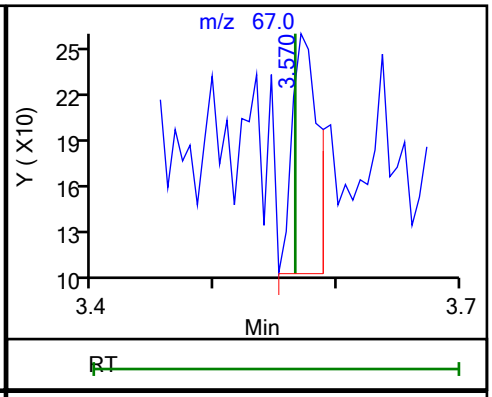
Eurofins Edison

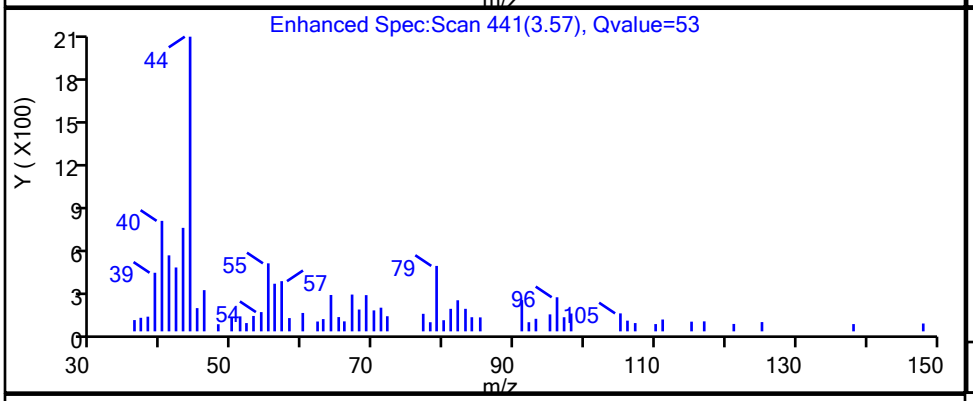
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

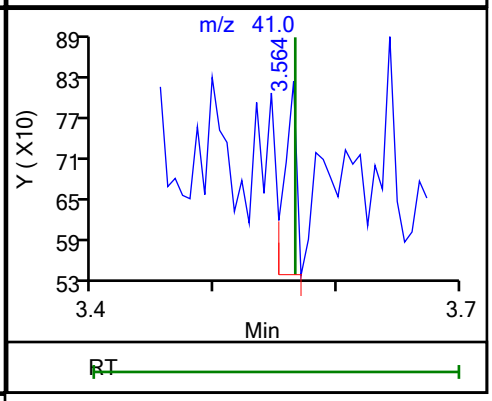
51 Methacrylonitrile, CAS: 126-98-7

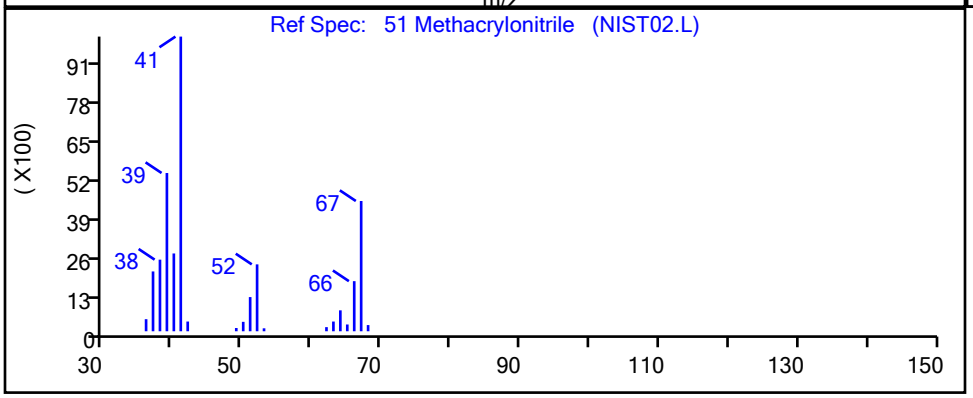
Processing Results











RT	Mass	Response	Amount
3.57	67.00	225	0.213052
3.56	41.00	195	

Reviewer: K0HS, 14-Apr-2023 13:23:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

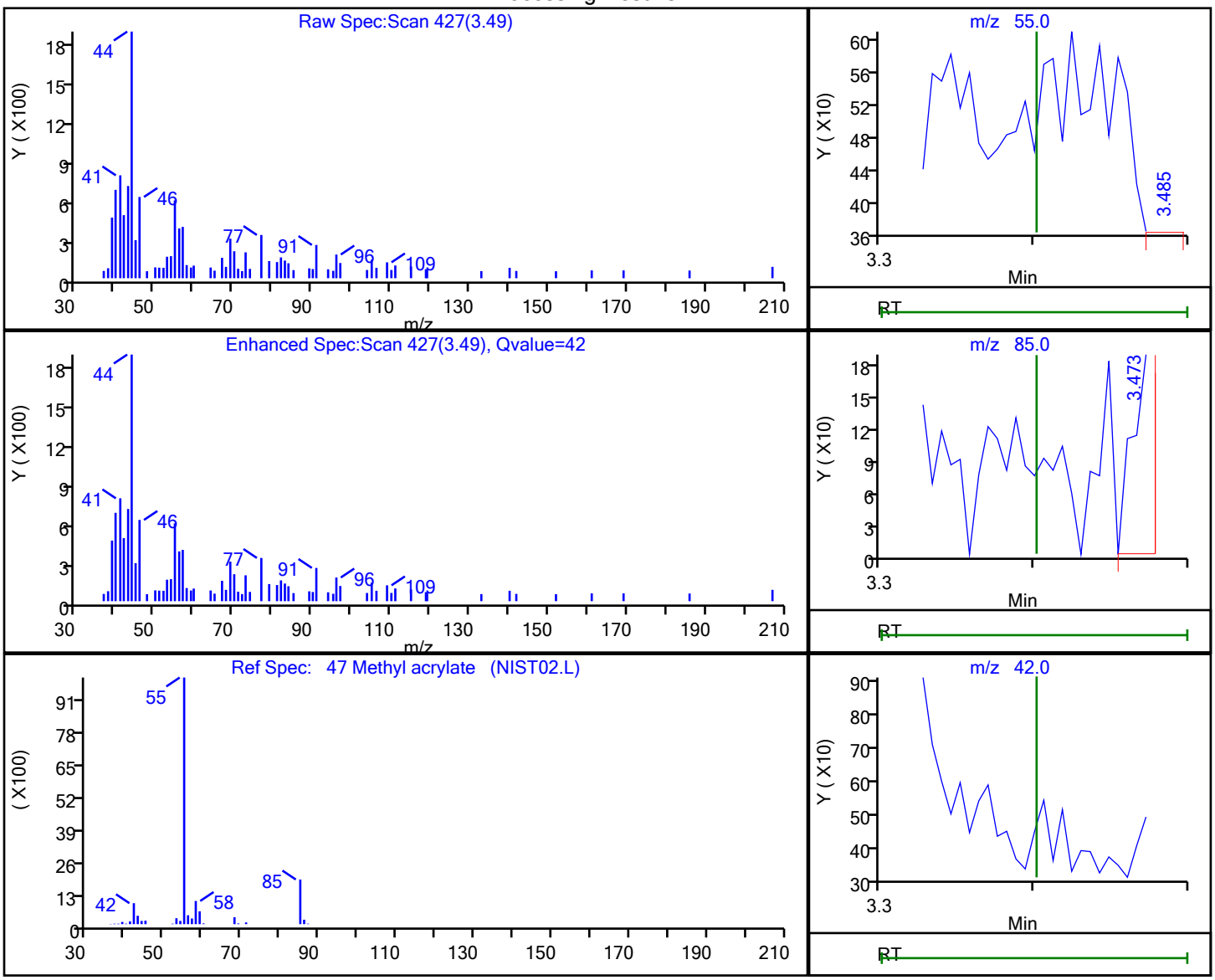
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.49	55.00	134	0.053805
3.47	85.00	145	
3.49	42.00	134	

Reviewer: K0HS, 14-Apr-2023 13:23:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

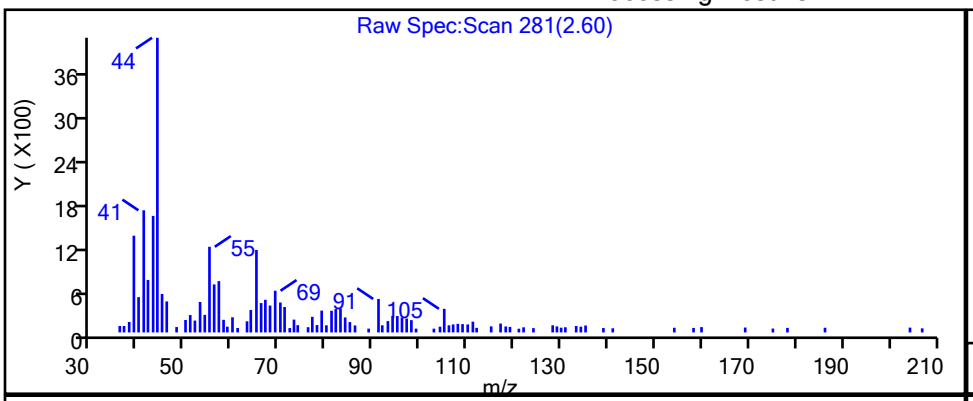
User Disabled Compound Report

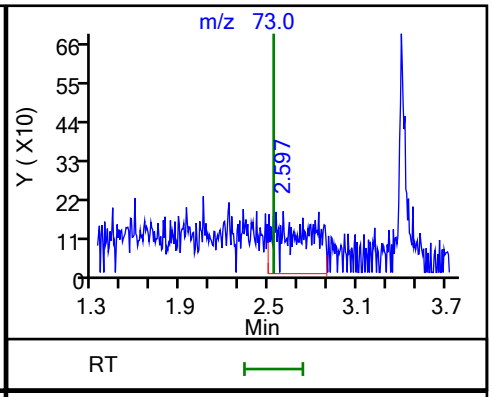
Eurofins Edison

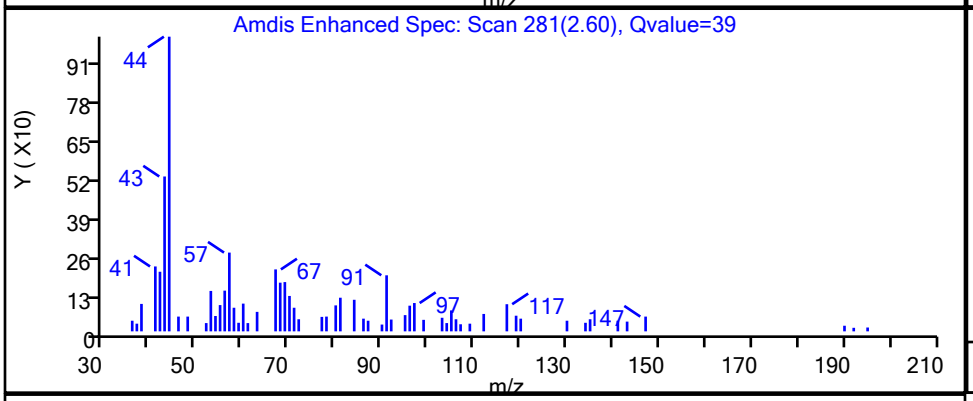
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

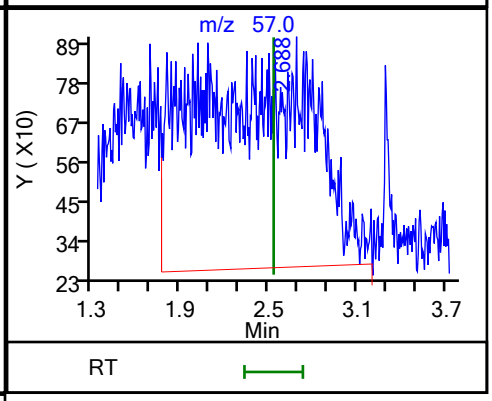
33 Methyl tert-butyl ether, CAS: 1634-04-4

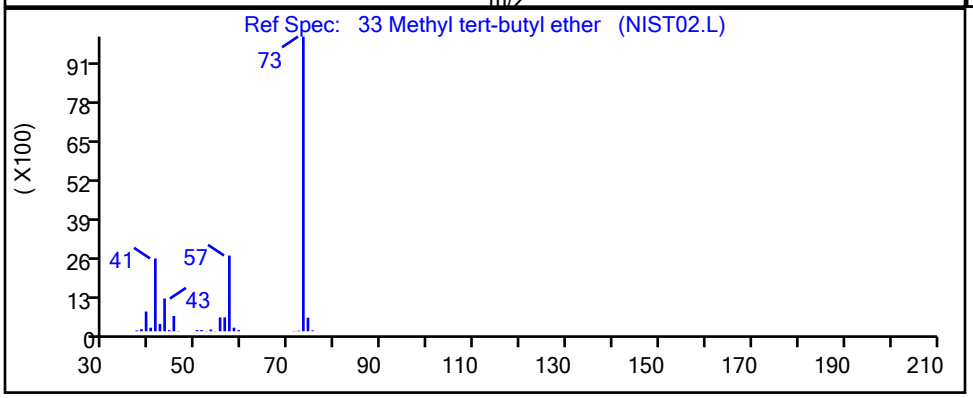
Processing Results











RT	Mass	Response	Amount
2.60	73.00	2668	0.334493
2.69	57.00	33492	

Reviewer: K0HS, 14-Apr-2023 13:22:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

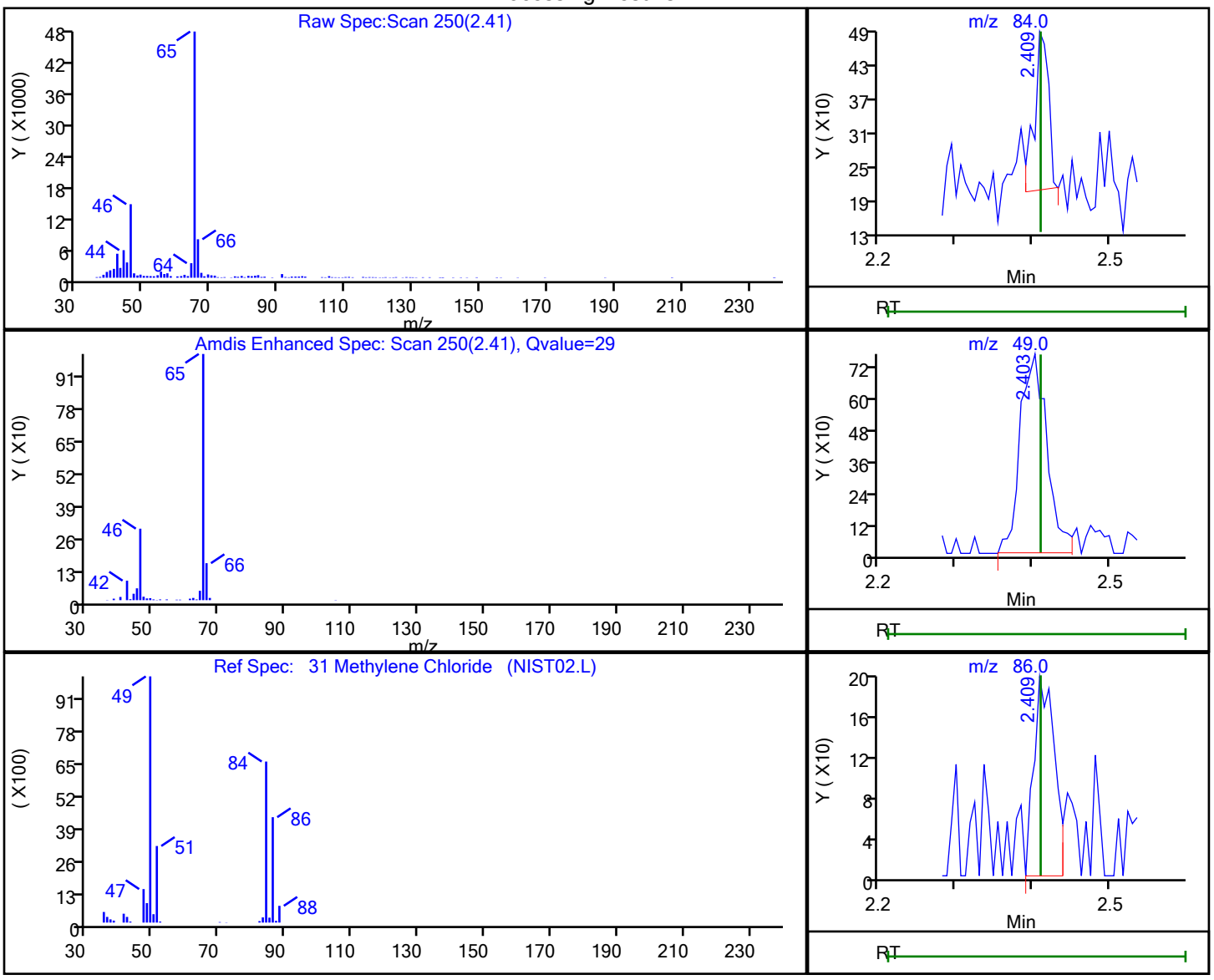
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.41	84.00	359	0.129972
2.40	49.00	1875	
2.41	86.00	369	

Reviewer: K0HS, 14-Apr-2023 13:22:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

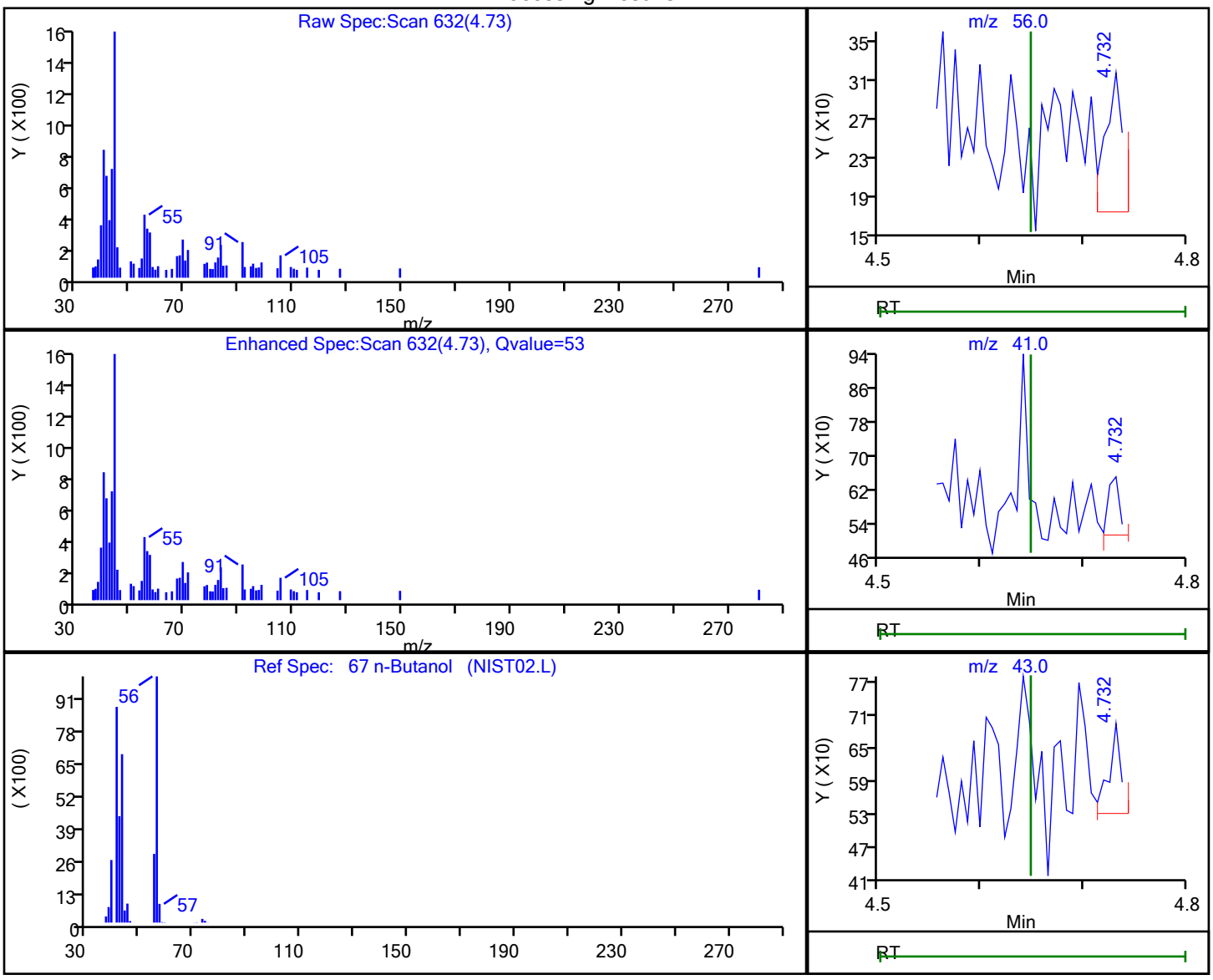
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.73	56.00	155	4.928541
4.73	41.00	107	
4.73	43.00	131	

Reviewer: K0HS, 14-Apr-2023 13:23:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

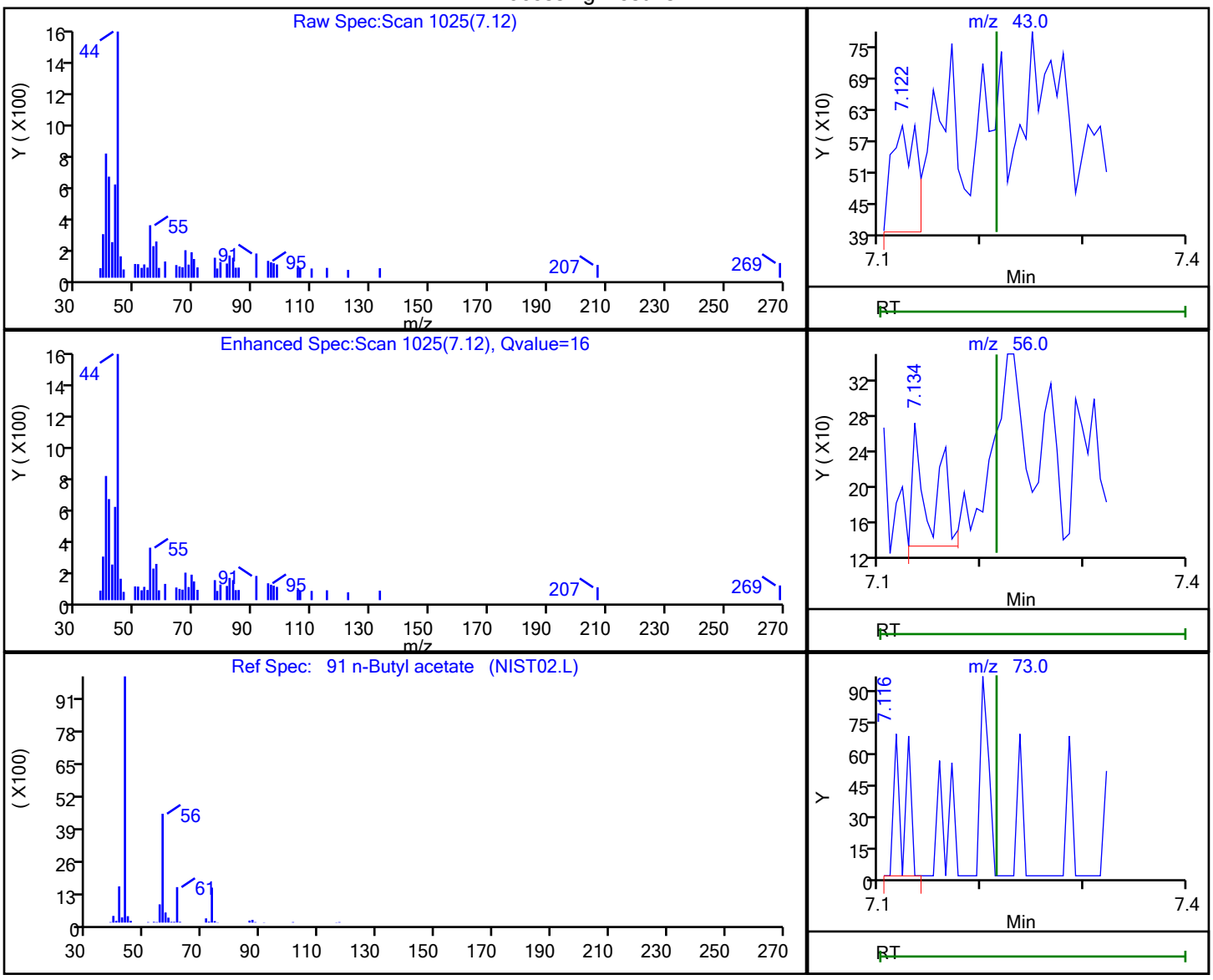
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.12	43.00	338	0.069039
7.13	56.00	169	
7.12	73.00	50	

Reviewer: K0HS, 14-Apr-2023 13:23:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

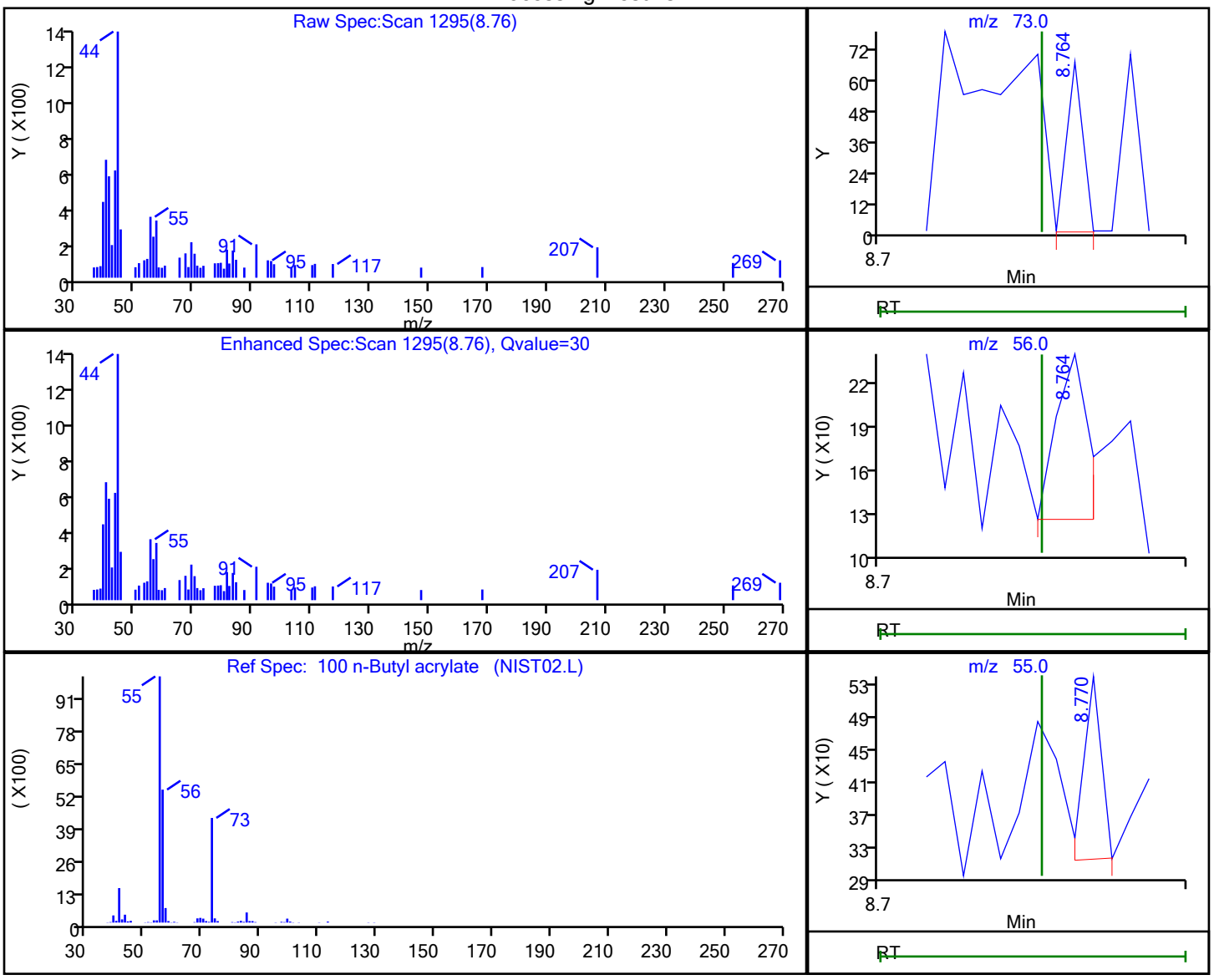
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.76	73.00	24	0.011081
8.76	56.00	77	
8.77	55.00	87	

Reviewer: K0HS, 14-Apr-2023 13:24:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

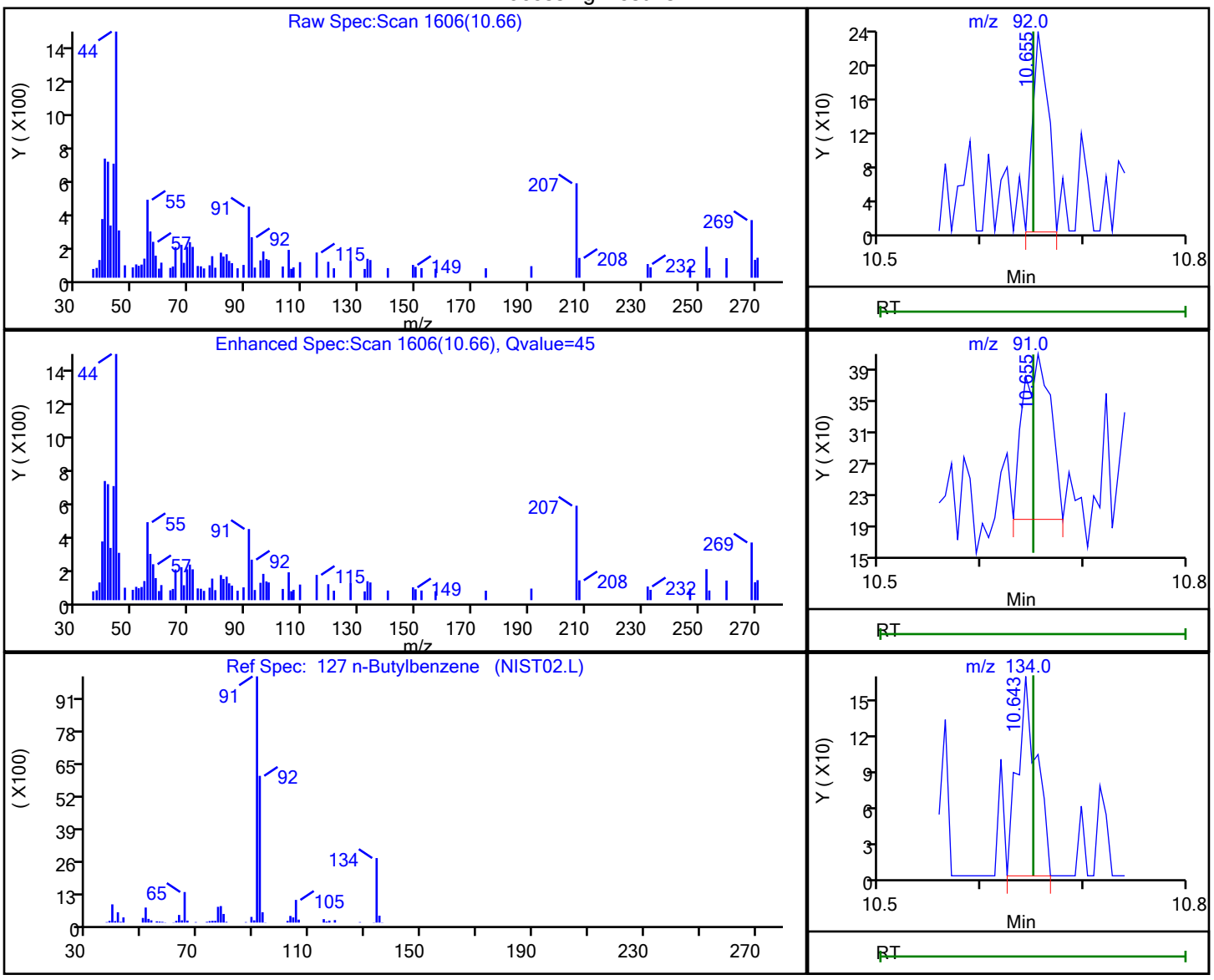
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.66	92.00	237	0.074688
10.66	91.00	392	
10.64	134.00	217	

Reviewer: K0HS, 14-Apr-2023 13:24:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

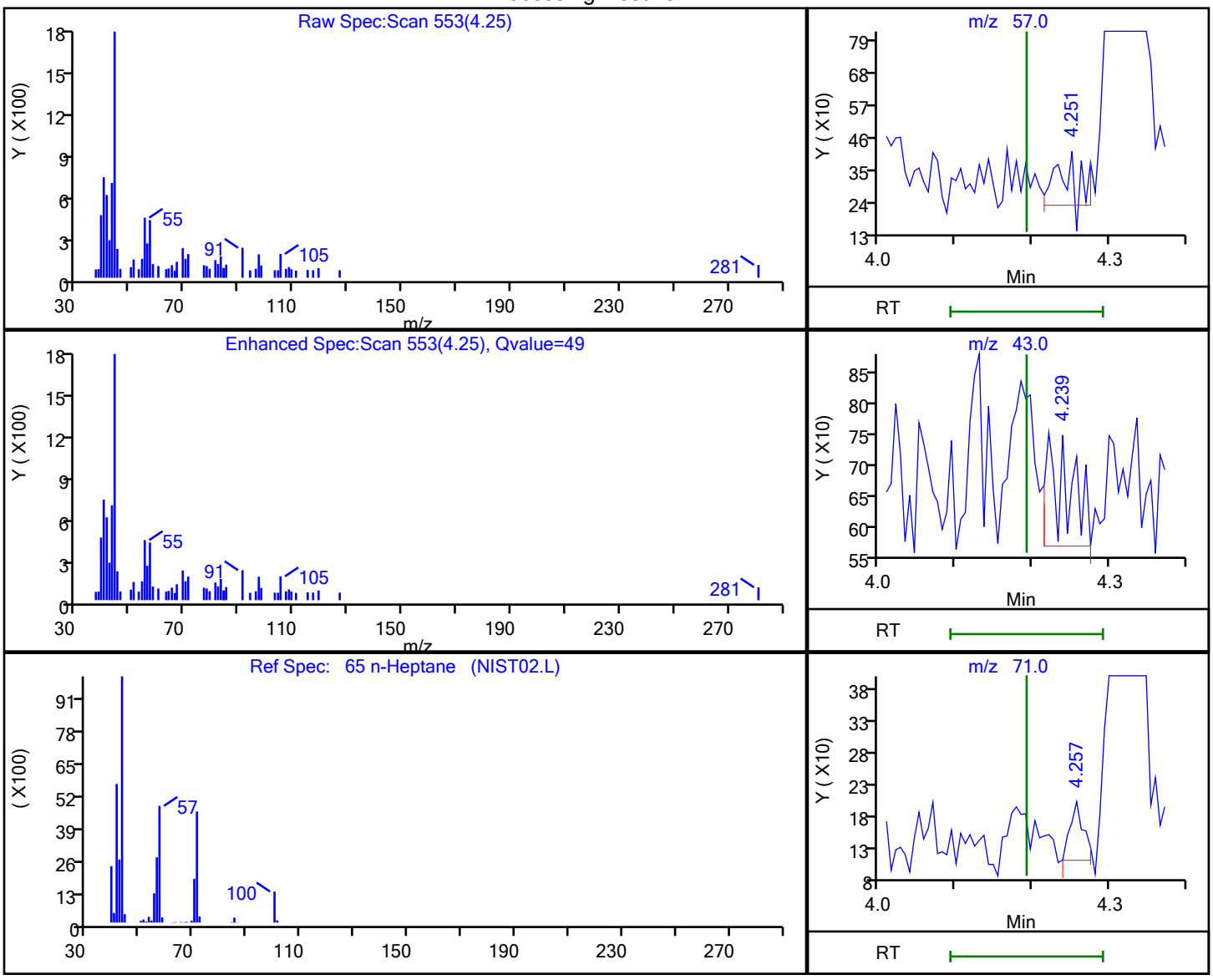
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.25	57.00	326	0.269640
4.24	43.00	361	
4.26	71.00	111	

Reviewer: K0HS, 14-Apr-2023 13:23:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

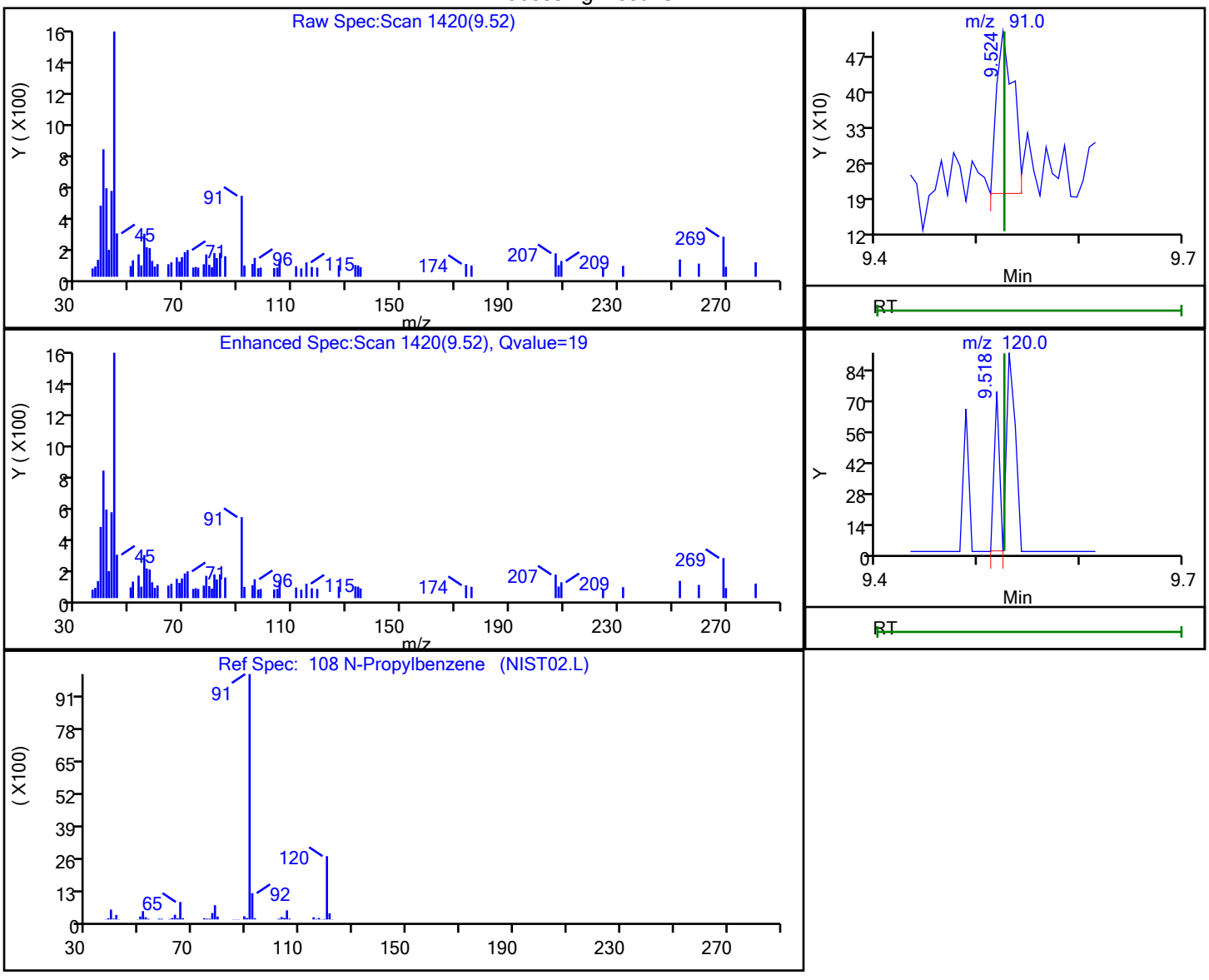
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.52	91.00	364	0.033275
9.52	120.00	27	

Reviewer: K0HS, 14-Apr-2023 13:24:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

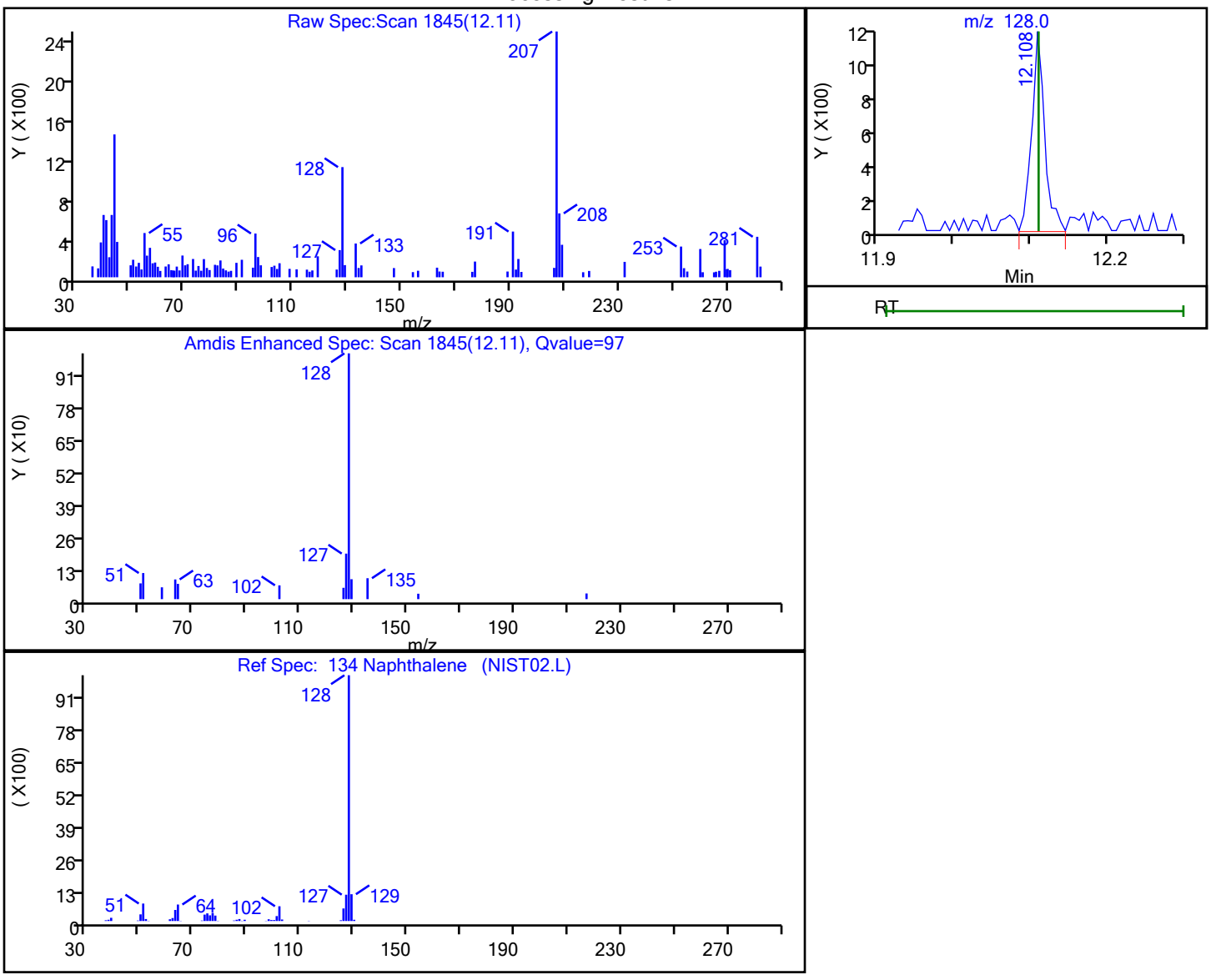
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.11	128.00	1313	0.178214

Reviewer: K0HS, 14-Apr-2023 13:21:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

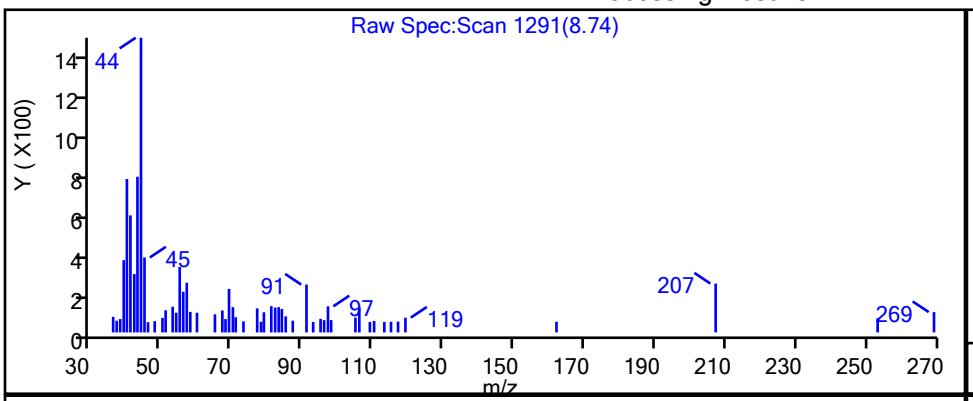
User Disabled Compound Report

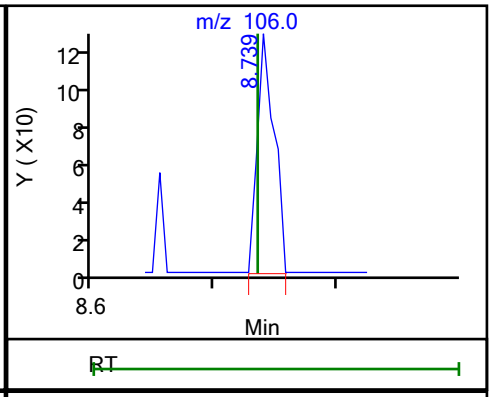
Eurofins Edison

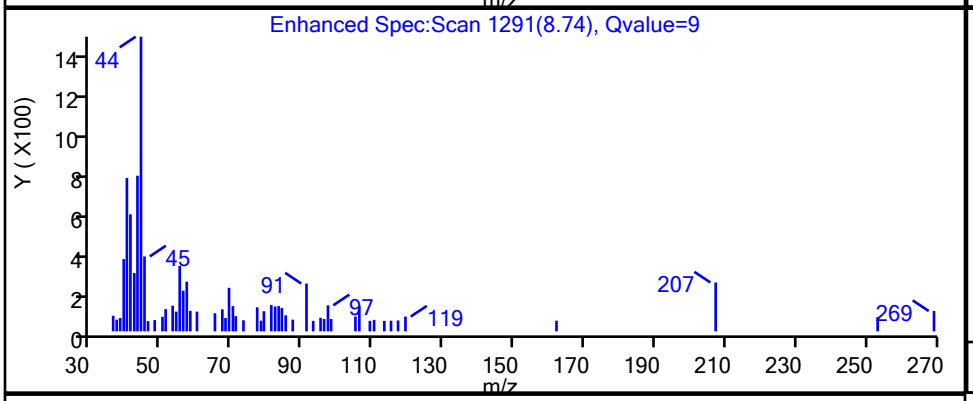
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

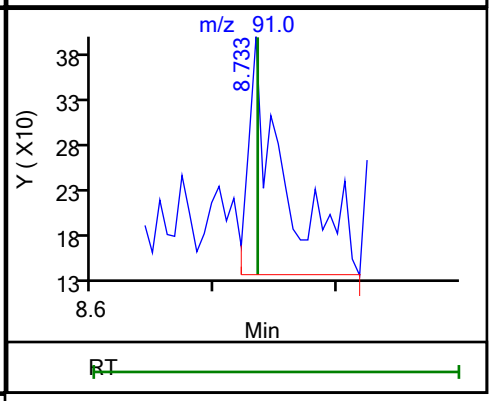
99 o-Xylene, CAS: 95-47-6

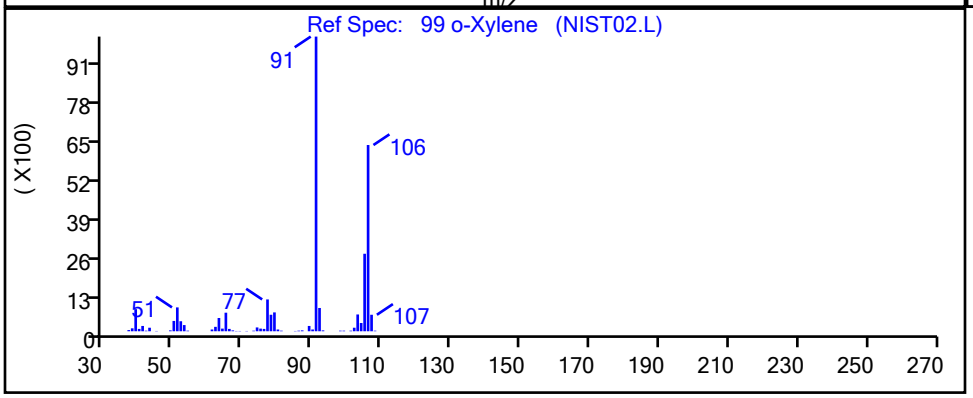
Processing Results











RT	Mass	Response	Amount
8.74	106.00	117	0.025963
8.73	91.00	533	

Reviewer: K0HS, 14-Apr-2023 13:23:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

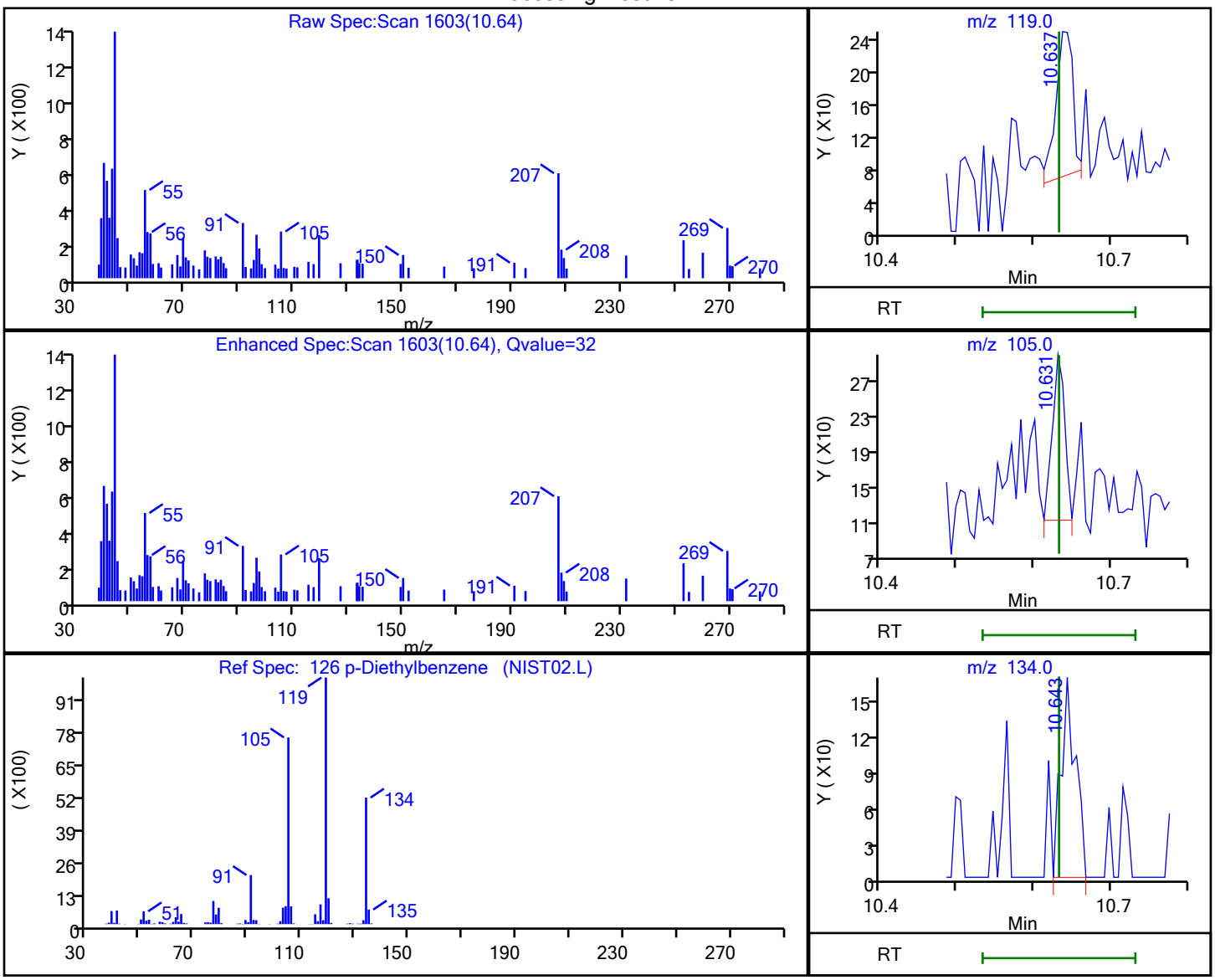
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.64	119.00	270	0.069059
10.63	105.00	209	
10.64	134.00	217	

Reviewer: K0HS, 14-Apr-2023 13:24:36
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

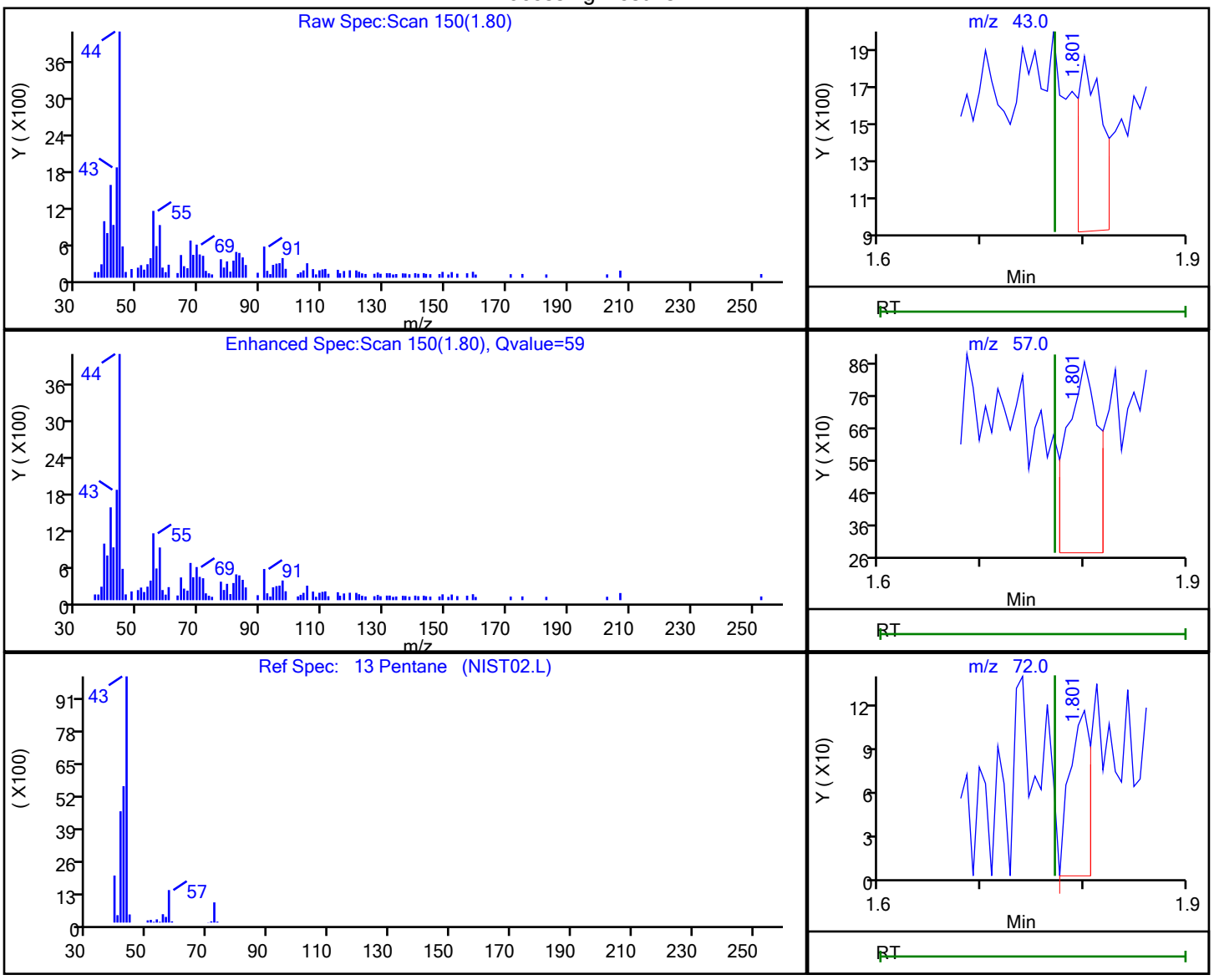
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.80	43.00	1464	0.333180
1.80	57.00	1255	
1.80	72.00	158	

Reviewer: K0HS, 14-Apr-2023 13:21:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

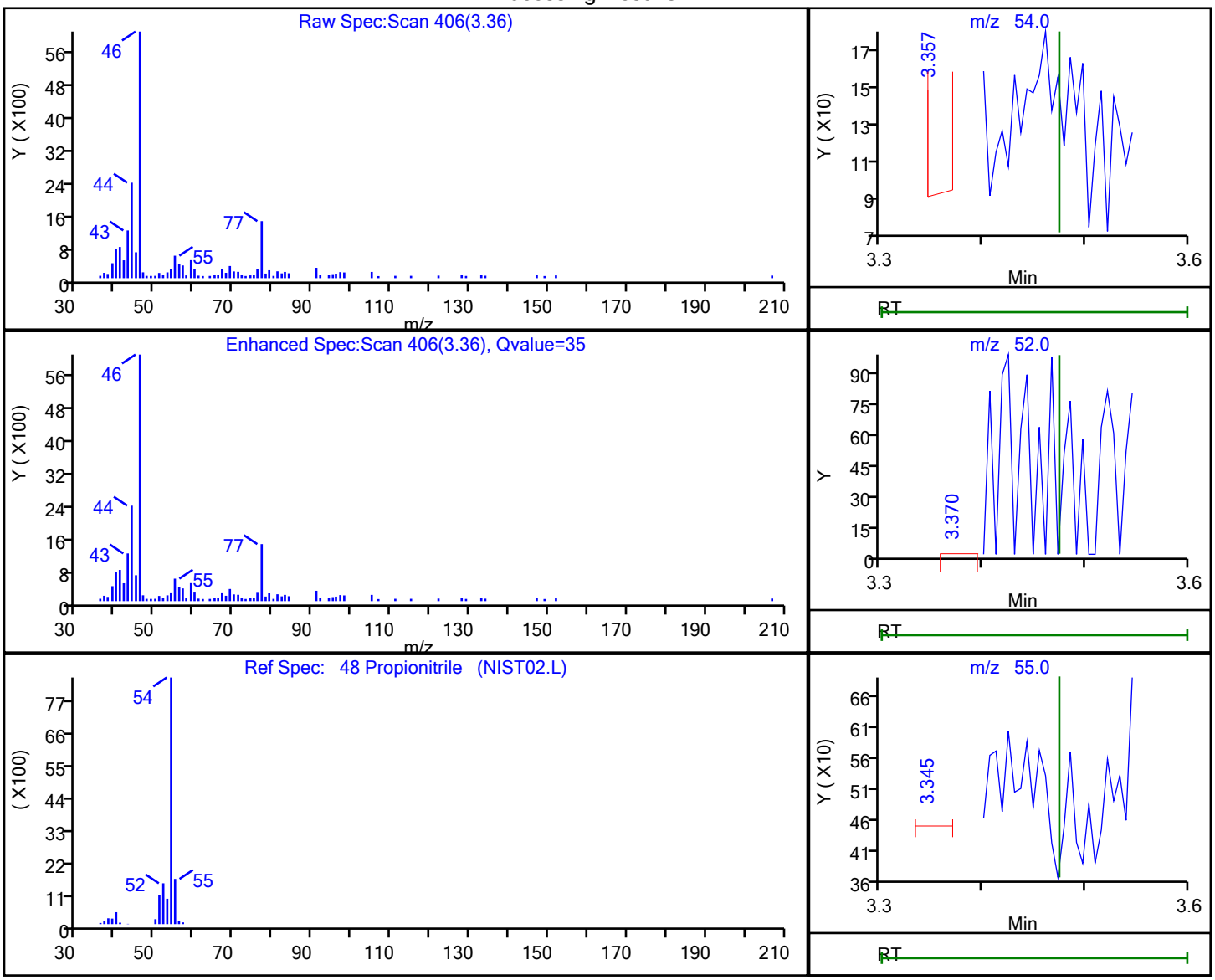
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.36	54.00	106	0.341483
3.37	52.00	234	
3.35	55.00	190	

Reviewer: K0HS, 14-Apr-2023 13:23:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

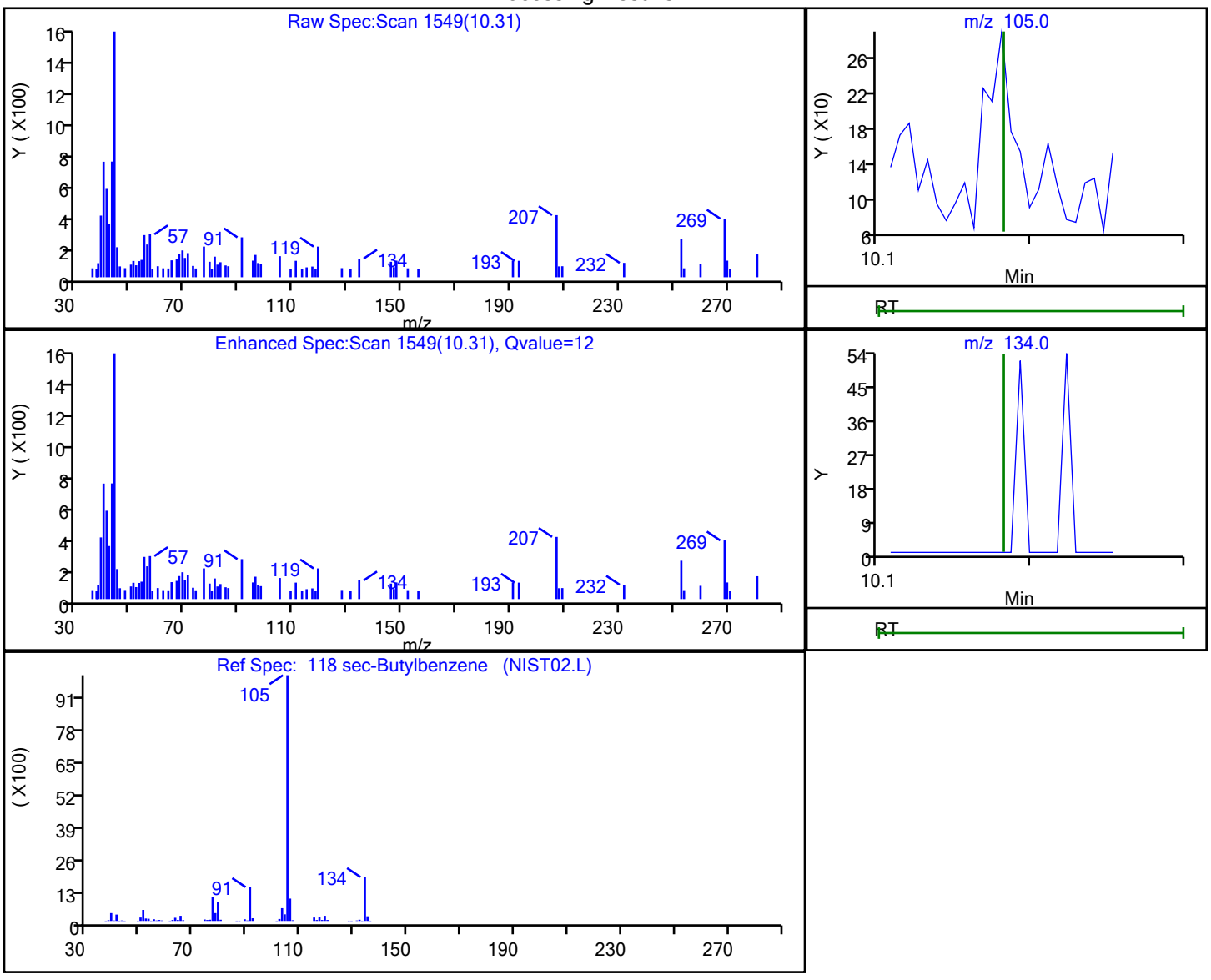
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.31	105.00	55	0.007038
10.31	134.00	90	

Reviewer: K0HS, 14-Apr-2023 13:24:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

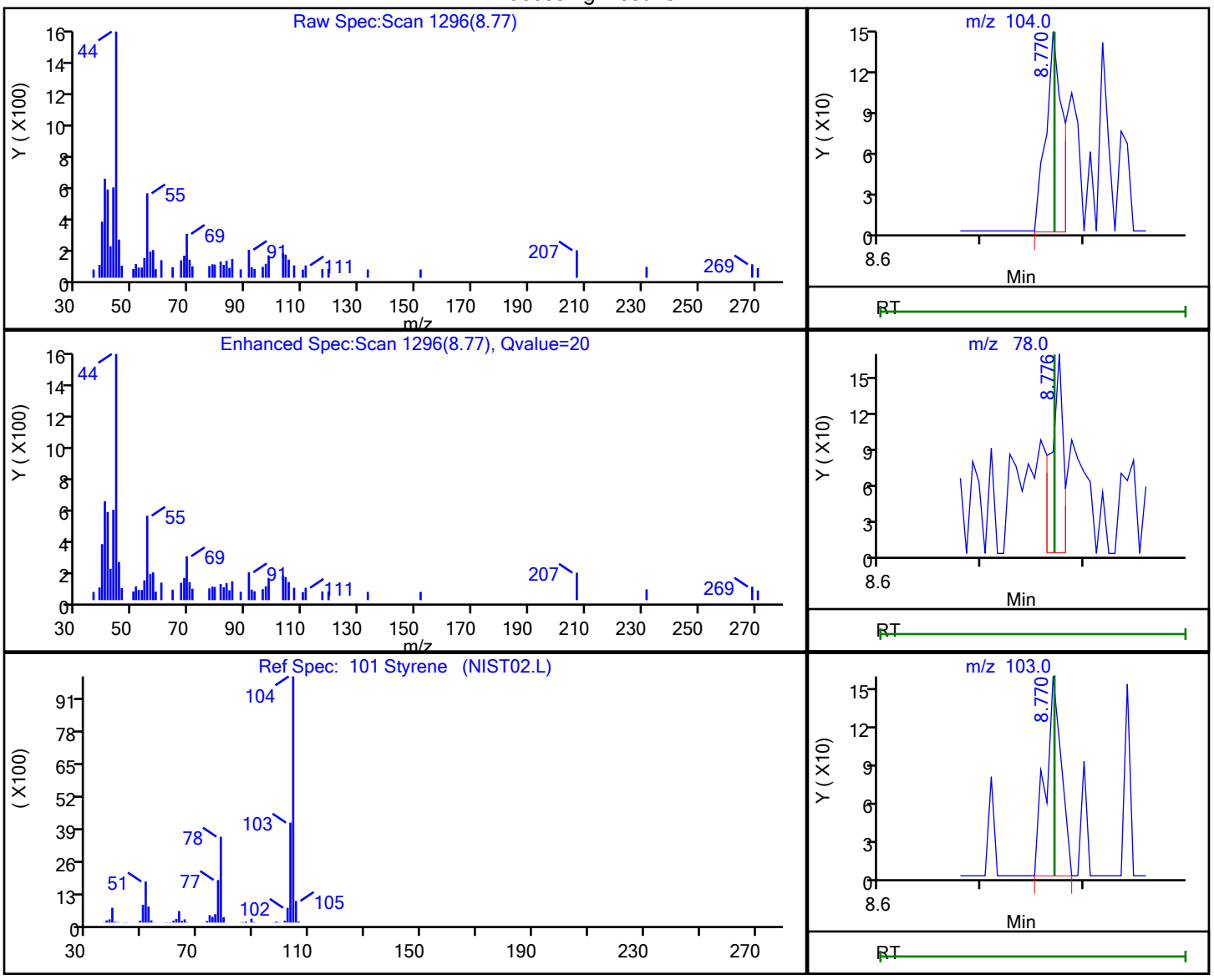
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.77	104.00	162	0.021862
8.78	78.00	141	
8.77	103.00	165	

Reviewer: K0HS, 14-Apr-2023 13:24:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

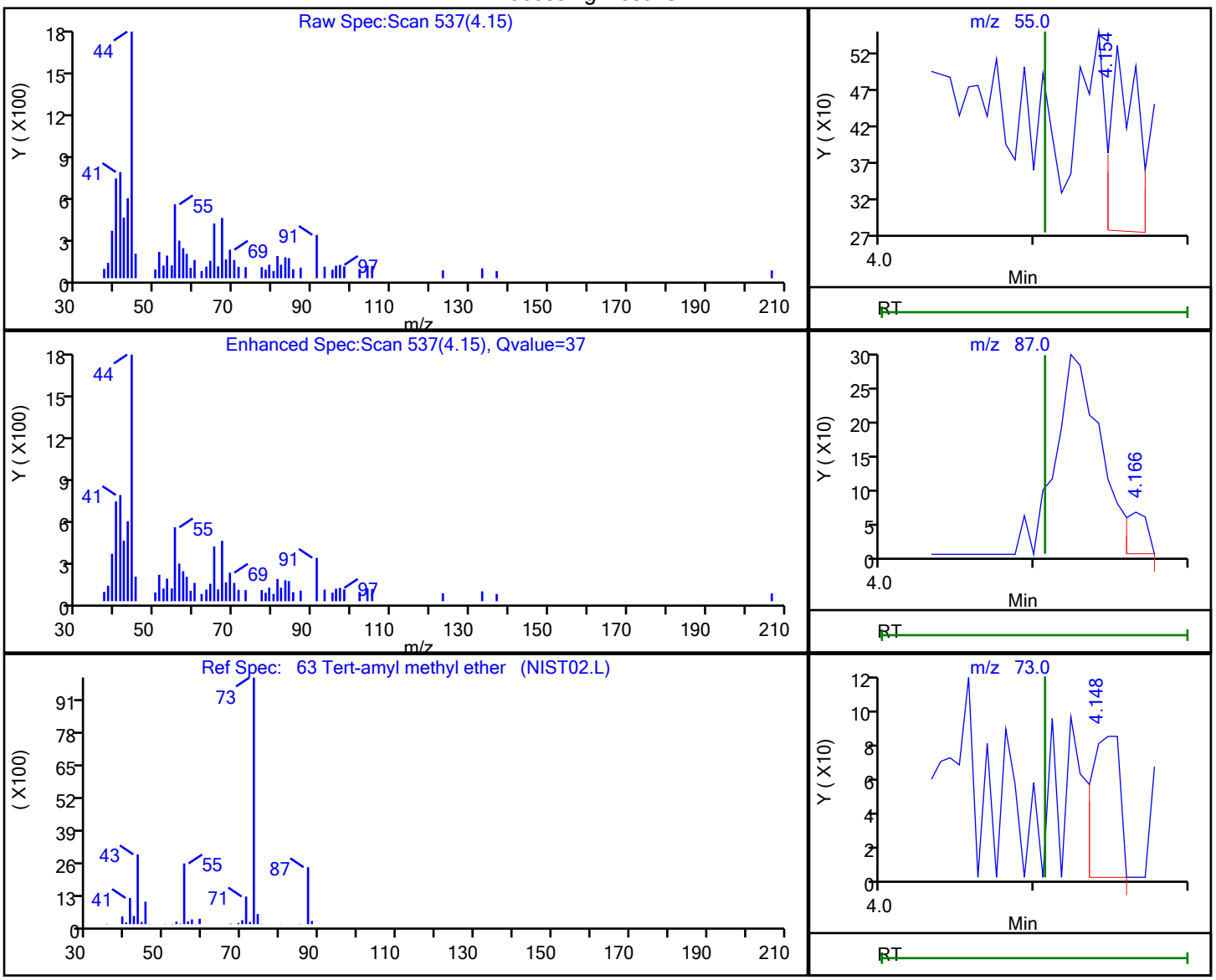
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.15	55.00	293	0.128041
4.17	87.00	62	
4.15	73.00	104	

Reviewer: K0HS, 14-Apr-2023 13:23:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

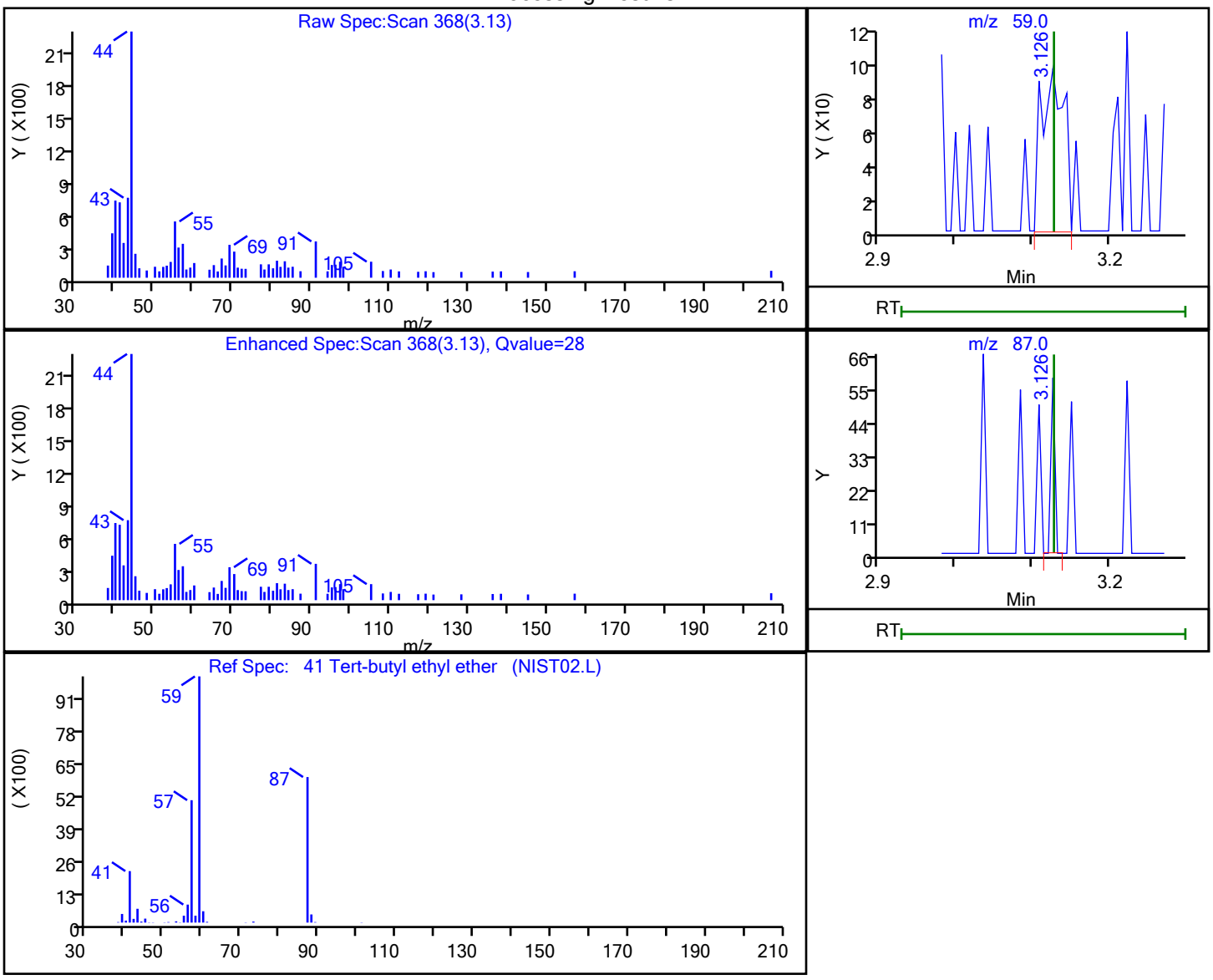
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.13	59.00	190	0.020355
3.13	87.00	22	

Reviewer: K0HS, 14-Apr-2023 13:22:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

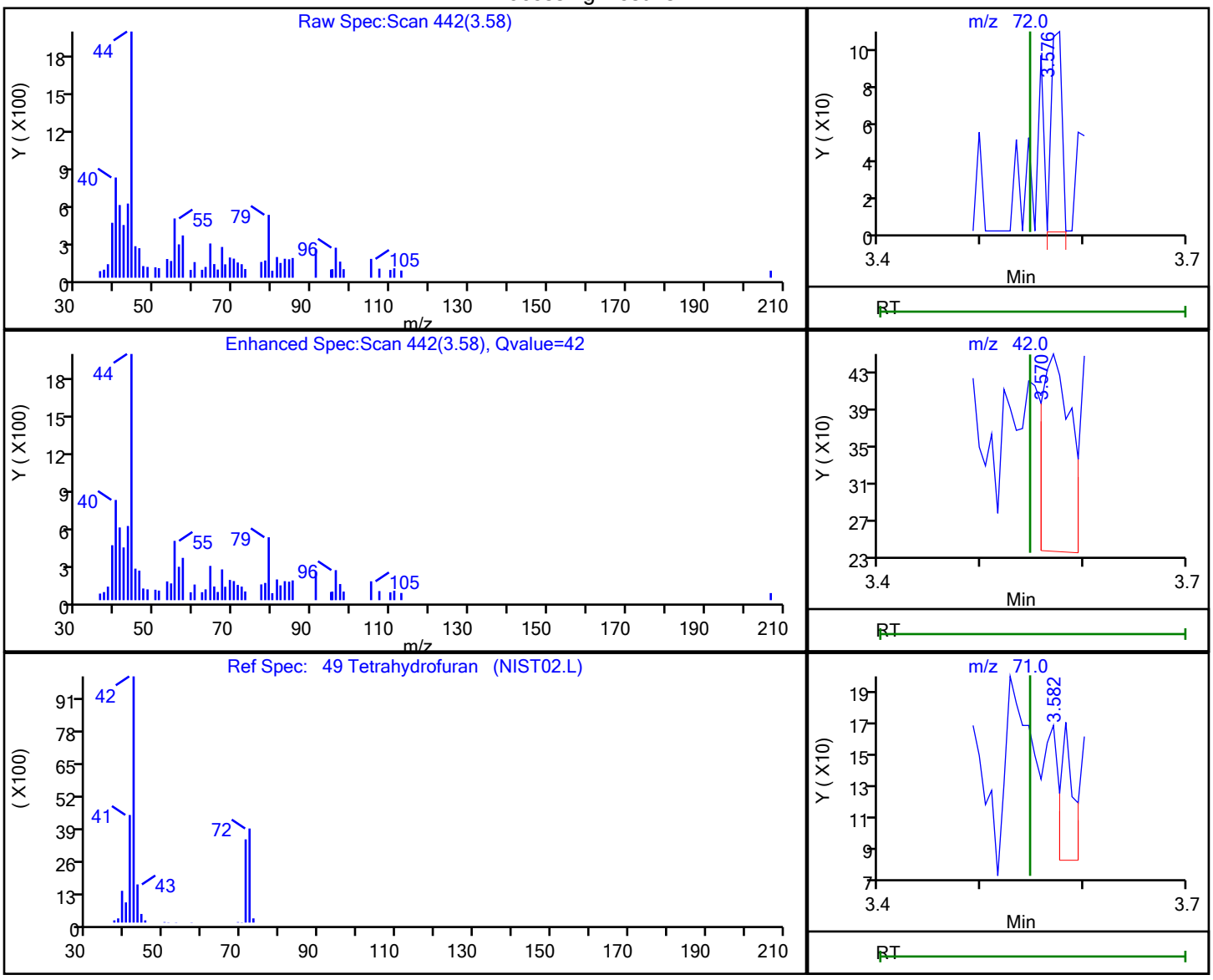
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.58	72.00	78	0.245049
3.57	42.00	419	
3.58	71.00	75	

Reviewer: K0HS, 14-Apr-2023 13:23:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

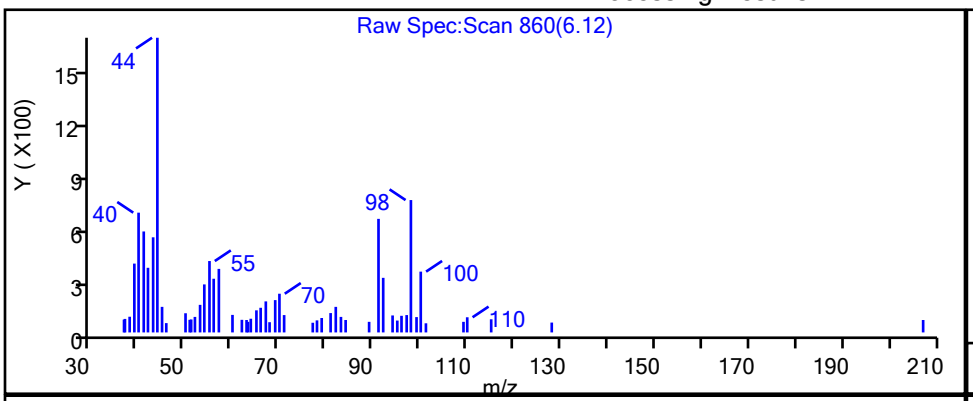
User Disabled Compound Report

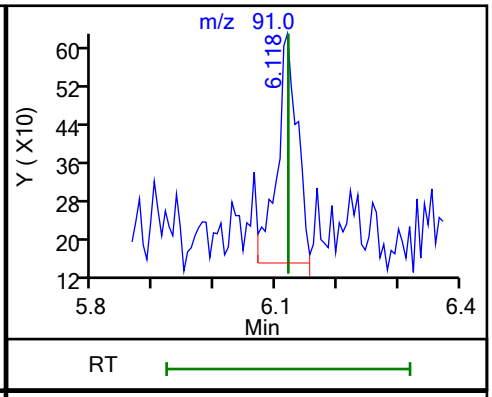
Eurofins Edison

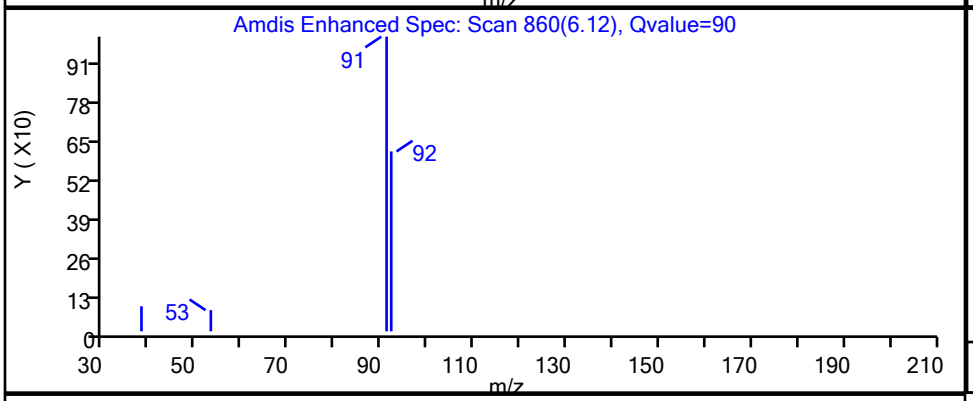
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

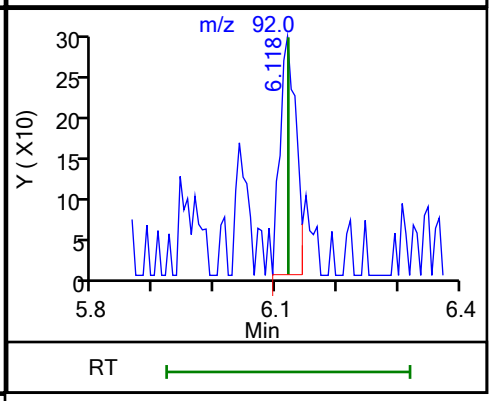
84 Toluene, CAS: 108-88-3

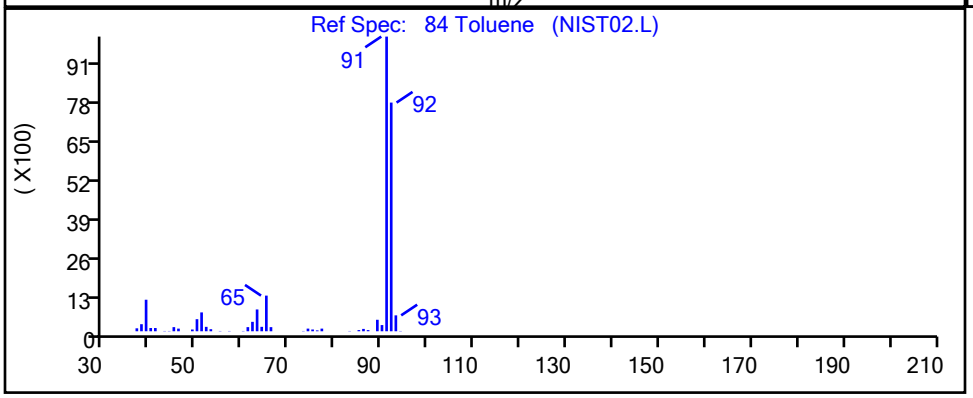
Processing Results











RT	Mass	Response	Amount
6.12	91.00	1110	0.091636
6.12	92.00	548	

Reviewer: K0HS, 14-Apr-2023 13:23:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

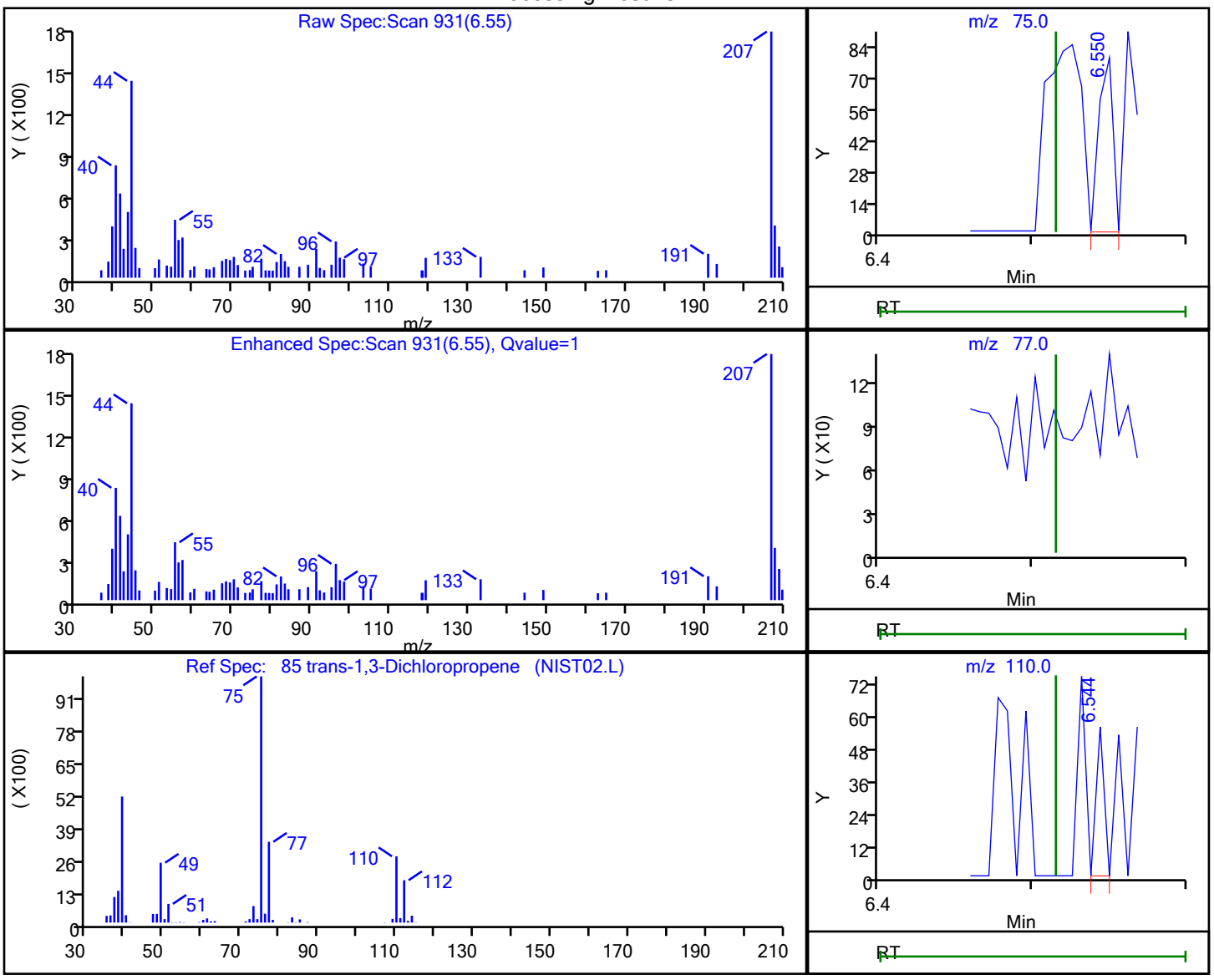
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.55	75.00	51	0.010900
6.55	77.00	984	
6.54	110.00	20	

Reviewer: K0HS, 14-Apr-2023 13:23:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

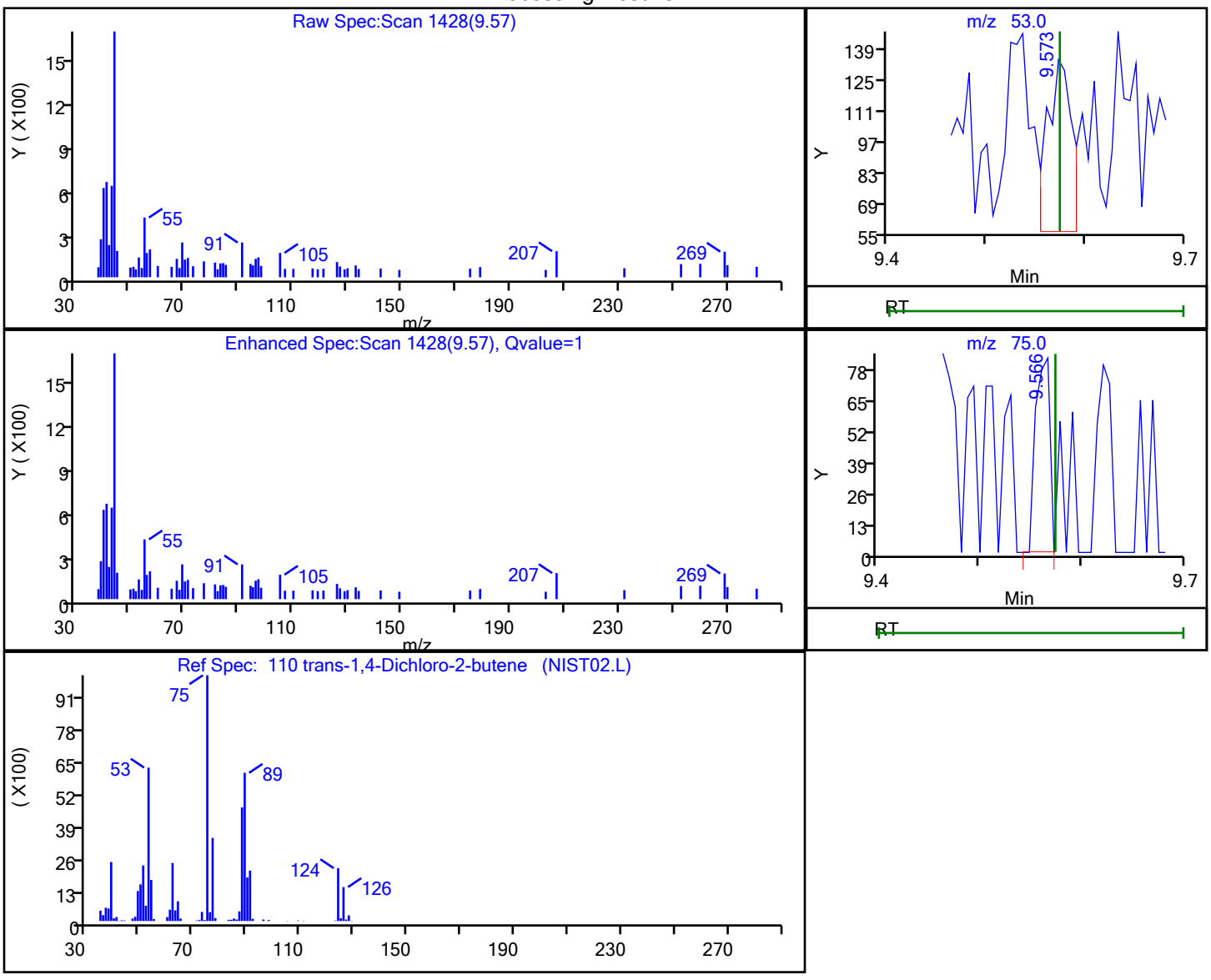
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.57	53.00	138	0.155656
9.57	75.00	81	

Reviewer: K0HS, 14-Apr-2023 13:24:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

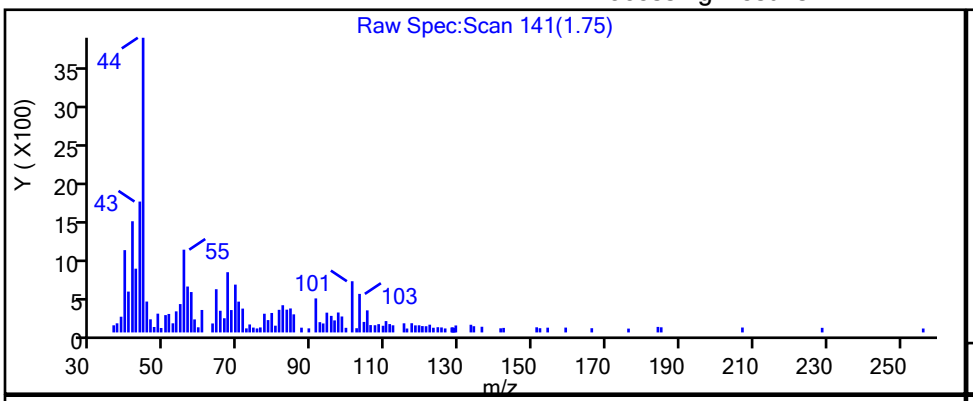
User Disabled Compound Report

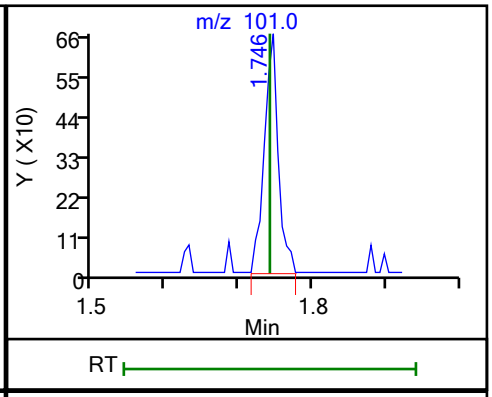
Eurofins Edison

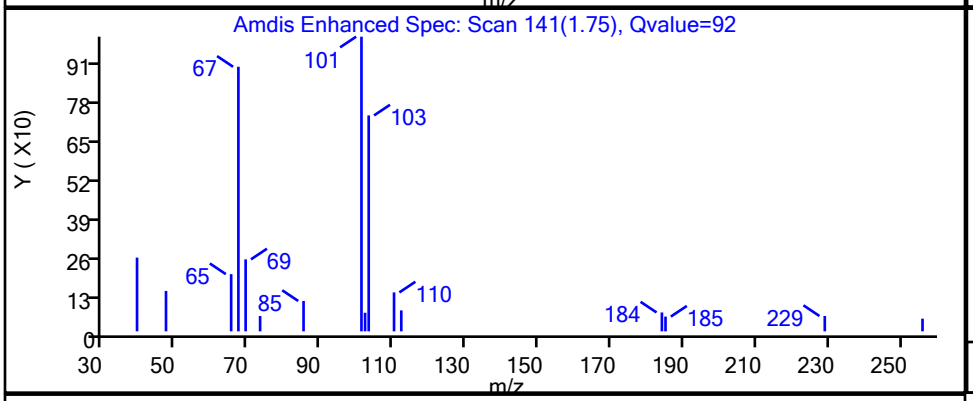
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

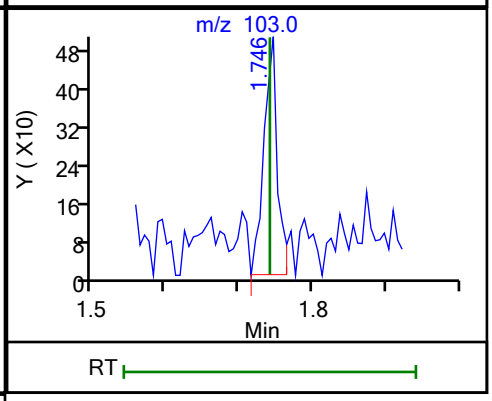
11 Trichlorofluoromethane, CAS: 75-69-4

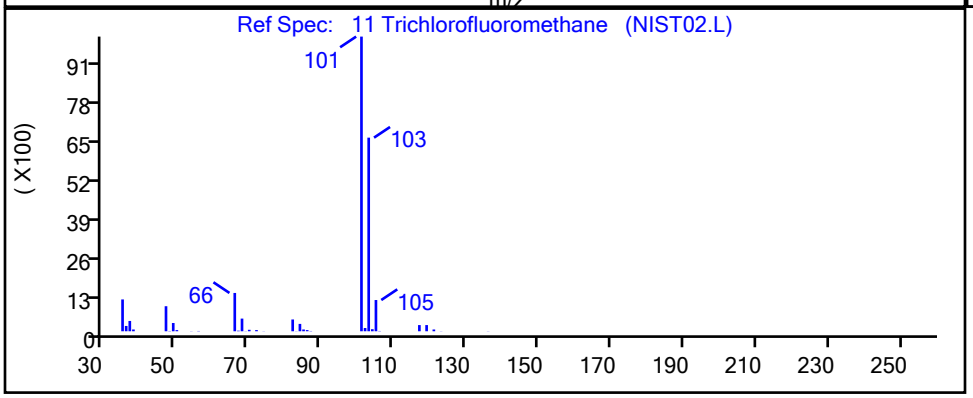
Processing Results











RT	Mass	Response	Amount
1.75	101.00	885	0.250000
1.75	103.00	644	

Reviewer: HVW2, 14-Apr-2023 01:03:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

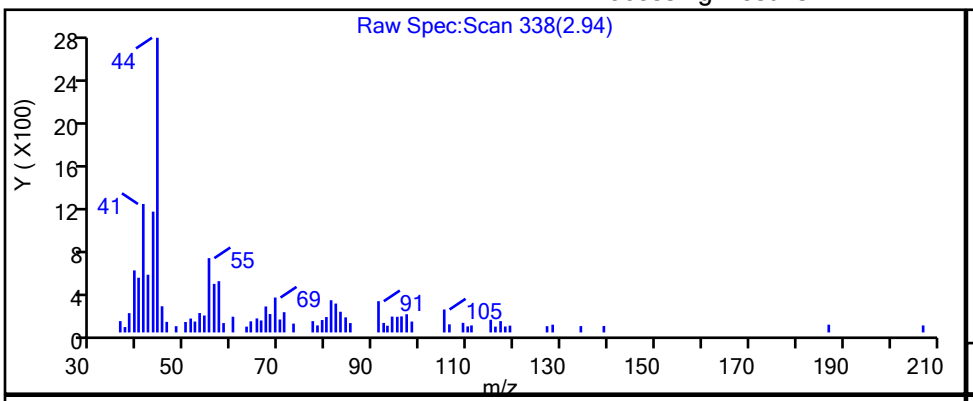
User Disabled Compound Report

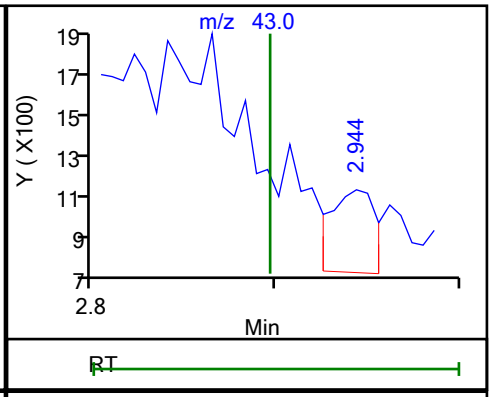
Eurofins Edison

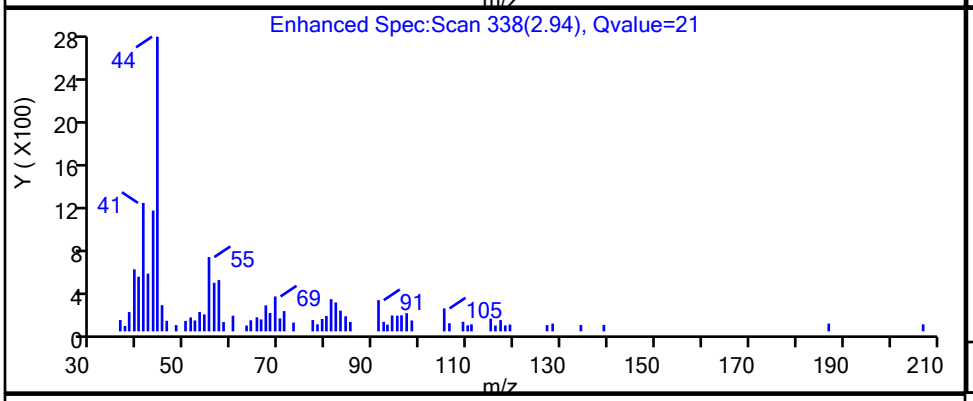
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Injection Date: 14-Apr-2023 00:39:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

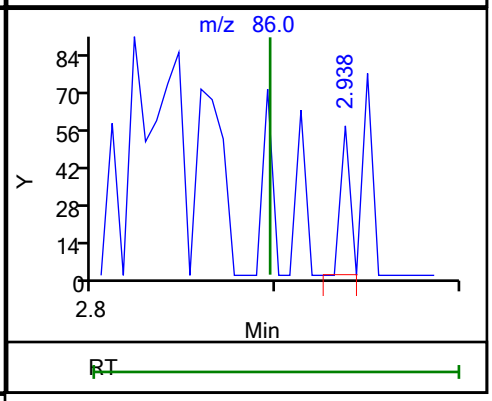
39 Vinyl acetate, CAS: 108-05-4

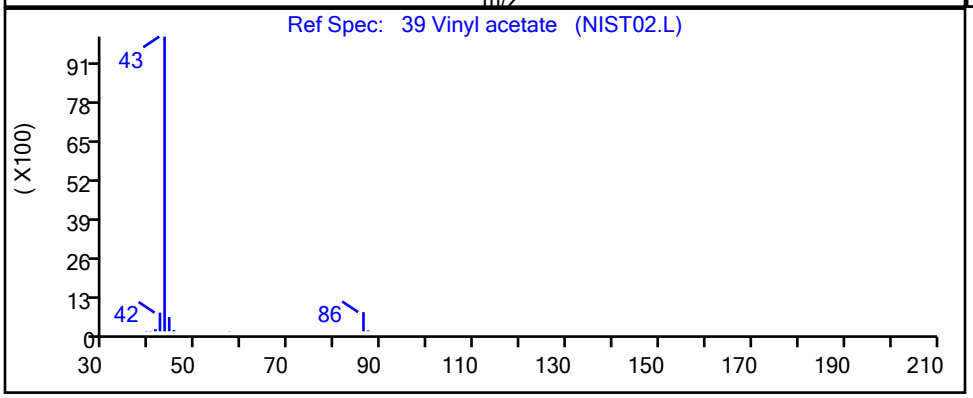
Processing Results











RT	Mass	Response	Amount
2.94	43.00	719	0.126593
2.94	86.00	21	

Reviewer: K0HS, 14-Apr-2023 13:22:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-Apr-2023 01:04:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0159076-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: HVW2 Date: 14-Apr-2023 01:40:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	87	261	1.00	1.05	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	97	2075	1.00	0.7469	
5 Chlorodifluoromethane	67	1.173	1.176	-0.003	96	503	1.00	1.12	
6 Chloromethane	50	1.288	1.285	0.003	98	3372	1.00	1.03	
7 Vinyl chloride	62	1.343	1.346	-0.003	94	3374	1.00	1.05	
8 Butadiene	54	1.361	1.363	-0.002	96	3462	1.00	1.06	
9 Bromomethane	94	1.556	1.559	-0.003	91	1306	1.00	0.9411	
10 Chloroethane	64	1.617	1.613	0.004	97	1729	1.00	1.07	M
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	96	4979	1.00	1.07	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	97	4033	1.00	1.06	
13 Pentane	43	1.775	1.772	0.003	95	9755	2.00	2.20	
14 Ethanol	46	1.872	1.869	0.003	30	95	40.0	31.1	
15 Ethyl ether	59	1.909	1.911	-0.002	94	2238	1.00	0.9780	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	92	2945	1.00	1.08	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.939	1.942	-0.003	81	2001	1.00	1.03	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	95	4129	1.00	1.09	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	96	2695	1.00	1.08	
19 Acrolein	56	2.042	2.039	0.003	59	1548	4.00	4.40	
21 1,1-Dichloroethene	96	2.067	2.070	-0.003	97	2648	1.00	1.10	
22 Acetone	43	2.134	2.130	0.004	84	4895	5.00	6.46	
23 Iodomethane	142	2.188	2.191	-0.003	99	2684	1.00	0.8269	
25 Isopropyl alcohol	45	2.182	2.191	-0.009	33	858	10.0	10.2	a
24 Carbon disulfide	76	2.219	2.215	0.004	99	10298	1.00	1.12	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	91	1786	1.00	1.11	
28 Methyl acetate	43	2.316	2.319	-0.003	81	4753	2.00	2.01	
27 Cyclopentene	67	2.328	2.331	-0.003	93	6296	1.00	1.04	
29 Acetonitrile	41	2.359	2.361	-0.002	71	1611	10.0	5.33	a
* 30 TBA-d9 (IS)	65	2.395	2.397	-0.002	75	219662	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	98	3055	1.00	1.10	
32 2-Methyl-2-propanol	59	2.456	2.447	0.009	91	2007	10.0	12.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	96	8166	1.00	1.03	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	97	3169	1.00	1.12	
35 Acrylonitrile	53	2.620	2.622	-0.002	89	9241	10.0	9.43	
36 Hexane	57	2.681	2.684	-0.003	88	3019	1.00	1.06	M
37 Isopropyl ether	45	2.857	2.854	0.003	99	12522	1.00	1.12	
38 1,1-Dichloroethane	63	2.888	2.891	-0.003	98	6039	1.00	1.07	
39 Vinyl acetate	43	2.900	2.897	0.003	100	11695	2.00	2.07	M
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	94	2787	1.00	1.07	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	86	9928	1.00	1.05	
* 43 2-Butanone-d5	46	3.307	3.303	0.004	87	310225	250.0	250.0	
42 2,2-Dichloropropane	79	3.307	3.310	-0.003	56	1943	1.00	1.31	
44 cis-1,2-Dichloroethene	96	3.338	3.341	-0.003	92	3673	1.00	1.16	
45 Ethyl acetate	70	3.356	3.353	0.003	91	757	2.00	2.47	M
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	94	1364	5.00	5.58	
47 Methyl acrylate	55	3.399	3.401	-0.002	96	2434	1.00	0.9416	M
48 Propionitrile	54	3.478	3.474	0.004	94	3498	10.0	10.8	
50 Chlorobromomethane	128	3.545	3.541	0.004	96	1838	1.00	1.22	
49 Tetrahydrofuran	72	3.545	3.547	-0.002	53	792	2.00	2.64	
51 Methacrylonitrile	67	3.569	3.566	0.003	96	11500	10.0	10.8	
52 Chloroform	83	3.587	3.590	-0.003	97	5799	1.00	1.11	
53 Cyclohexane	84	3.703	3.705	-0.002	88	3618	1.00	1.04	
54 1,1,1-Trichloroethane	97	3.715	3.718	-0.003	97	4596	1.00	1.02	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.734	-0.001	96	139411	50.0	51.6	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	4330	1.00	1.09	
57 1,1-Dichloropropene	75	3.855	3.857	-0.002	92	4451	1.00	1.02	
58 Isobutyl alcohol	43	3.995	3.991	0.004	34	3387	25.0	26.4	a
59 Isooctane	57	4.007	4.009	-0.002	98	6019	1.00	1.08	
60 Benzene	78	4.043	4.046	-0.003	97	13020	1.00	1.05	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.063	-0.002	0	163426	50.0	51.6	
62 Isopropyl acetate	43	4.110	4.101	0.009	90	10073	1.00	1.04	
63 Tert-amyl methyl ether	55	4.116	4.107	0.009	78	1612	1.00	0.7542	M
64 1,2-Dichloroethane	62	4.134	4.131	0.003	94	4834	1.00	1.11	
65 n-Heptane	57	4.189	4.192	-0.003	95	1425	1.00	1.16	M
* 66 Fluorobenzene	96	4.323	4.324	-0.001	98	597986	50.0	50.0	
67 n-Butanol	56	4.663	4.648	0.015	56	476	25.0	14.3	M
68 Trichloroethene	95	4.670	4.672	-0.002	97	3538	1.00	1.08	
69 Methylcyclohexane	83	4.785	4.788	-0.003	88	3374	1.00	1.04	
70 Ethyl acrylate	55	4.809	4.800	0.009	98	7329	1.00	1.08	
71 1,2-Dichloropropane	63	4.955	4.958	-0.003	88	3871	1.00	1.08	
* 72 1,4-Dioxane-d8	96	5.034	5.030	0.004	0	27589	1000.0	1000.0	
73 Methyl methacrylate	100	5.059	5.049	0.010	95	1469	2.00	2.15	
75 1,4-Dioxane	88	5.095	5.092	0.003	30	547	50.0	42.6	M
74 Dibromomethane	93	5.095	5.092	0.003	93	2375	1.00	1.17	
76 n-Propyl acetate	43	5.114	5.110	0.004	98	4743	1.00	1.01	
77 Dichlorobromomethane	83	5.259	5.250	0.009	98	4424	1.00	1.06	
78 2-Nitropropane	41	5.606	5.609	-0.003	78	2372	2.00	2.72	
79 2-Chloroethyl vinyl ether	63	5.624	5.621	0.003	73	2024	1.00	1.04	
80 Epichlorohydrin	57	5.728	5.729	-0.001	97	4382	20.0	19.7	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	94	5571	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	5.971	5.962	0.009	97	16091	5.00	5.46	
$ 83 Toluene-d8 (Surr)	98	6.038	6.033	0.005	98	503019	50.0	50.9	
84 Toluene	91	6.117	6.120	-0.003	94	13136	1.00	1.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	97	4879	1.00	1.03	
86 Ethyl methacrylate	69	6.567	6.564	0.003	86	3972	1.00	1.08	
87 1,1,2-Trichloroethane	83	6.755	6.752	0.003	92	2514	1.00	1.05	
88 Tetrachloroethene	166	6.780	6.783	-0.003	95	3194	1.00	1.08	
89 1,3-Dichloropropane	76	6.987	6.983	0.004	96	4805	1.00	1.08	
90 2-Hexanone	58	7.078	7.074	0.004	99	4731	5.00	5.01	
91 n-Butyl acetate	43	7.224	7.214	0.010	95	5032	1.00	1.01	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	2851	1.00	0.9646	
93 Ethylene Dibromide	107	7.400	7.397	0.003	99	2681	1.00	0.99	
* 94 Chlorobenzene-d5	117	7.990	7.985	0.005	88	419183	50.0	50.0	
95 Chlorobenzene	112	8.020	8.023	-0.003	94	7728	1.00	1.05	
96 Ethylbenzene	106	8.136	8.133	0.003	99	4074	1.00	1.06	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	95	2608	1.00	0.9738	
98 m-Xylene & p-Xylene	106	8.282	8.285	-0.003	0	5251	1.00	1.12	
99 o-Xylene	106	8.738	8.735	0.003	92	4831	1.00	1.05	
100 n-Butyl acrylate	73	8.756	8.753	0.003	96	2282	1.00	1.03	
101 Styrene	104	8.774	8.771	0.003	92	7661	1.00	1.02	
103 Bromoform	173	8.981	8.984	-0.003	96	1846	1.00	1.01	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	5002	1.00	0.9688	
104 Isopropylbenzene	105	9.121	9.118	0.003	96	10686	1.00	1.06	
$ 105 4-Bromofluorobenzene	174	9.316	9.317	-0.001	93	143505	50.0	51.0	
106 Bromobenzene	156	9.443	9.440	0.003	96	3082	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	9.516	9.513	0.003	98	2903	1.00	1.00	
108 N-Propylbenzene	91	9.529	9.525	0.004	98	11565	1.00	1.05	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	94	699	1.00	1.00	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	75	1081	1.00	1.21	
111 2-Chlorotoluene	91	9.626	9.623	0.003	97	8403	1.00	1.05	
112 4-Ethyltoluene	105	9.638	9.641	-0.003	98	10185	1.00	1.11	
113 1,3,5-Trimethylbenzene	105	9.705	9.708	-0.003	91	8368	1.00	1.08	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	7472	1.00	0.9640	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	95	3304	1.00	1.01	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	92	6392	1.00	1.10	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	8791	1.00	1.08	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	8555	1.00	1.08	
120 1,3-Dichlorobenzene	146	10.301	10.304	-0.003	94	4904	1.00	1.03	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	97	7109	1.00	1.05	
* 121 1,4-Dichlorobenzene-d4	152	10.368	10.369	-0.001	96	199403	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.386	10.389	-0.003	92	5428	1.00	1.09	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	98	9010	1.00	1.06	
124 Benzyl chloride	91	10.520	10.517	0.004	98	5567	1.00	1.05	
125 2,3-Dihydroindene	117	10.575	10.571	0.004	95	9227	1.00	1.09	
126 p-Diethylbenzene	119	10.635	10.632	0.003	95	4243	1.00	1.07	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	3432	1.00	1.07	
128 1,2-Dichlorobenzene	146	10.696	10.699	-0.003	95	4683	1.00	1.01	
129 1,2,4,5-Tetramethylbenzene	119	11.256	11.258	-0.002	97	7006	1.00	1.06	
130 1,2-Dibromo-3-Chloropropane	157	11.335	11.337	-0.002	84	605	1.00	1.08	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	95	2996	1.00	1.05	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	92	2794	1.00	1.04	a
133 Hexachlorobutadiene	225	12.010	12.006	0.004	91	956	1.00	1.05	
134 Naphthalene	128	12.107	12.110	-0.003	99	8237	1.00	1.11	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	96	2649	1.00	1.09	a
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	2.17	
S 138 Total BTEX	1				0		5.00	5.34	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	10.00	Units: uL	
524freon_00066	Amount Added:	10.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00524	Amount Added:	10.00	Units: uL	
14DIOXINTER_00155	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:09 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D

Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8 Operator ID:

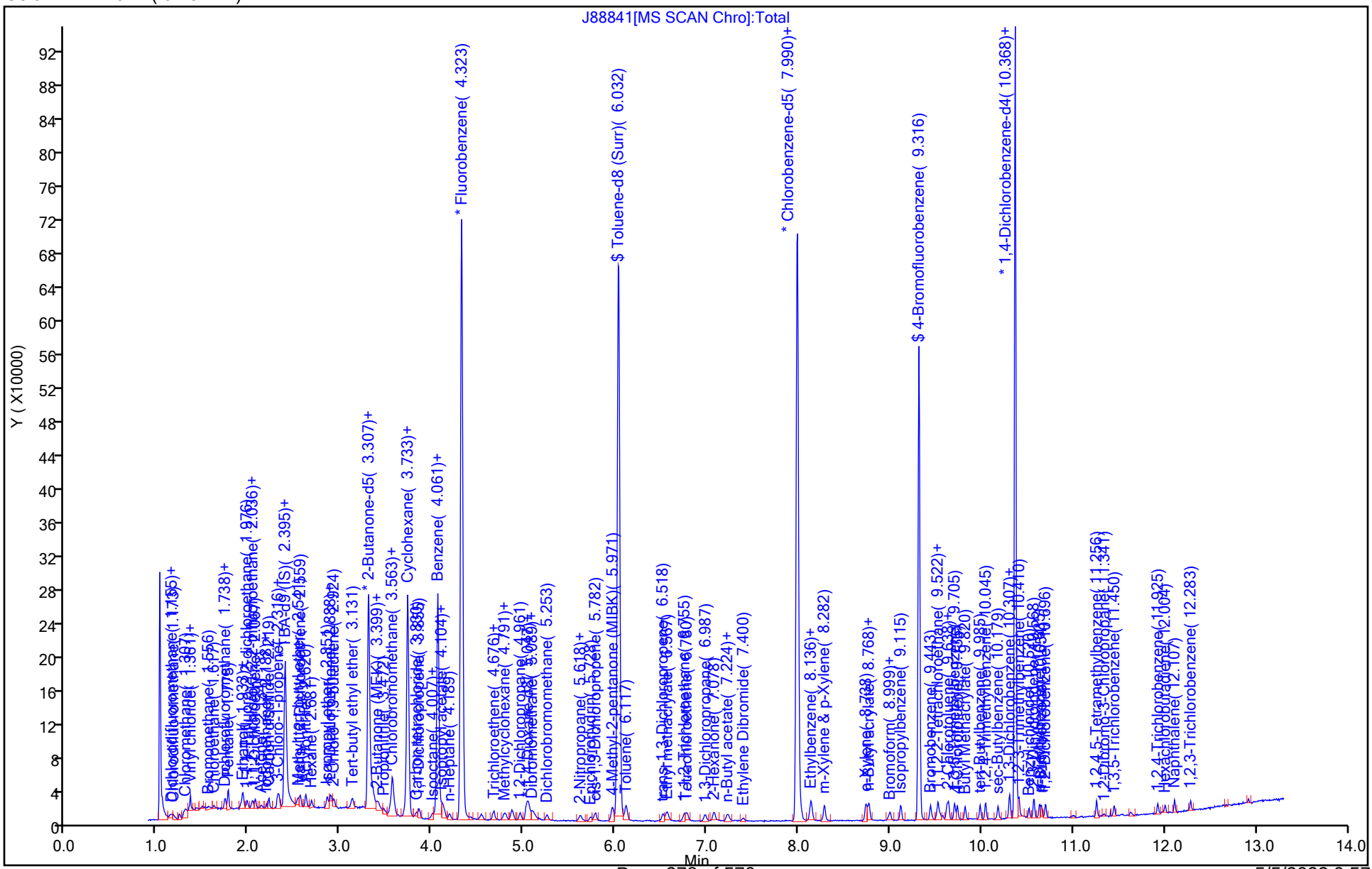
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

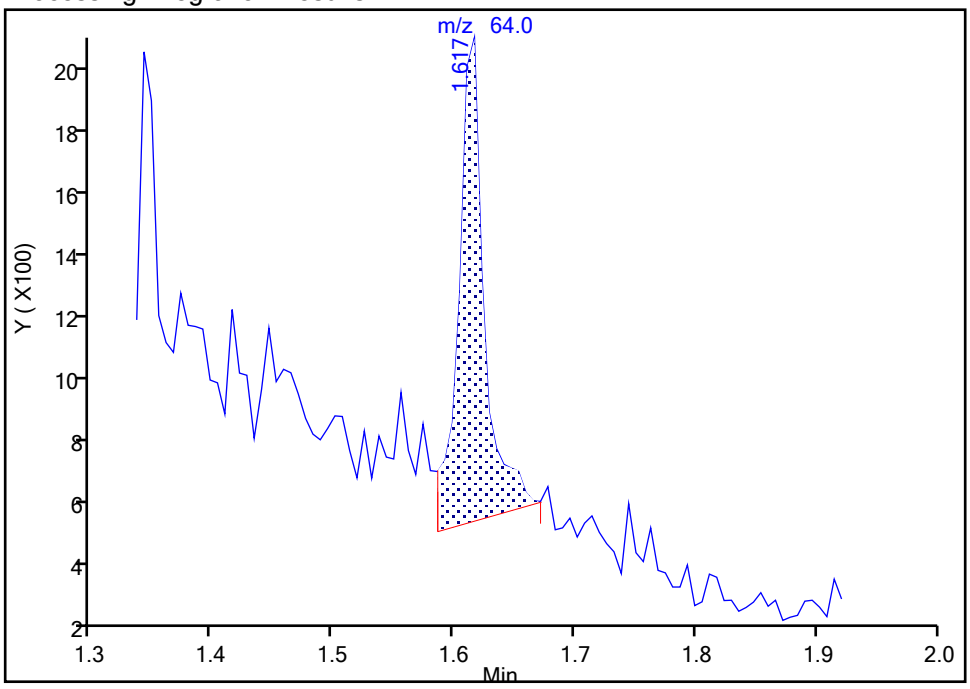
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

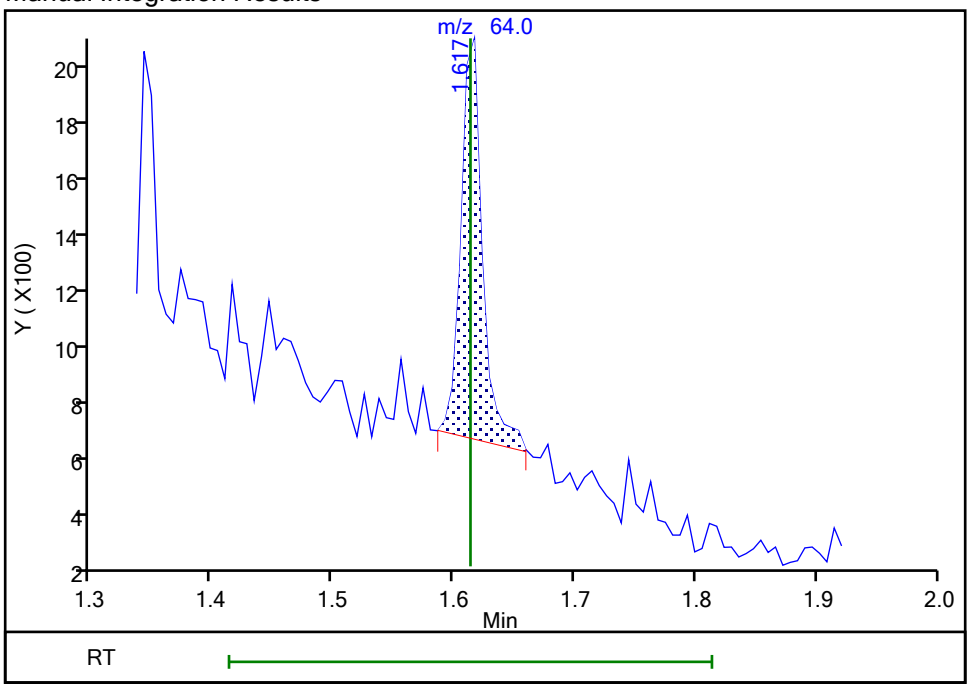
Processing Integration Results

RT: 1.62
Area: 2268
Amount: 1.324104
Amount Units: ug/l



Manual Integration Results

RT: 1.62
Area: 1729
Amount: 1.065296
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:17:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

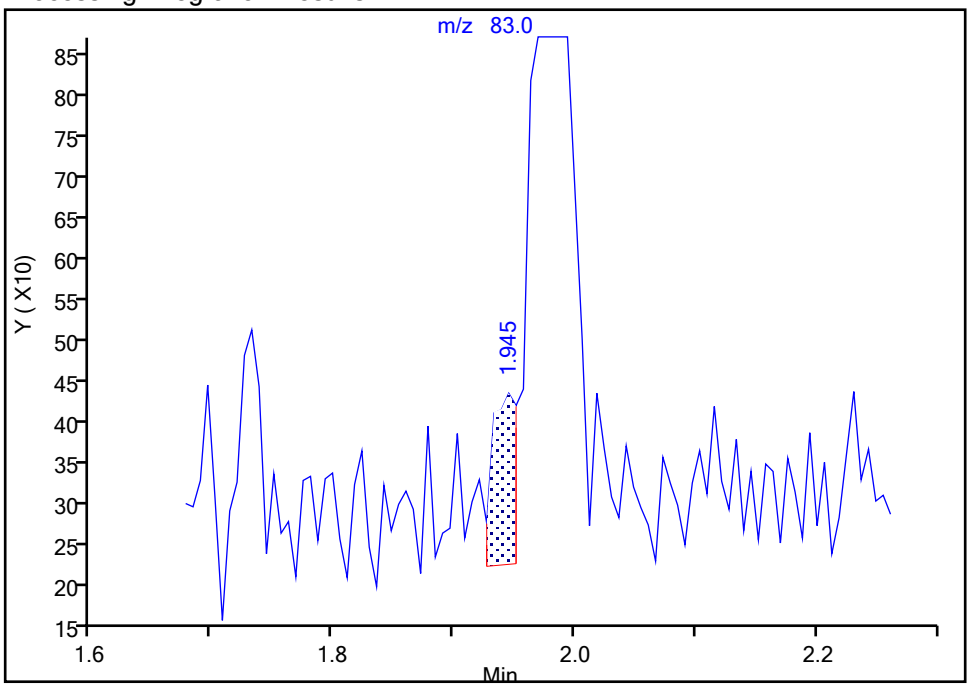
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

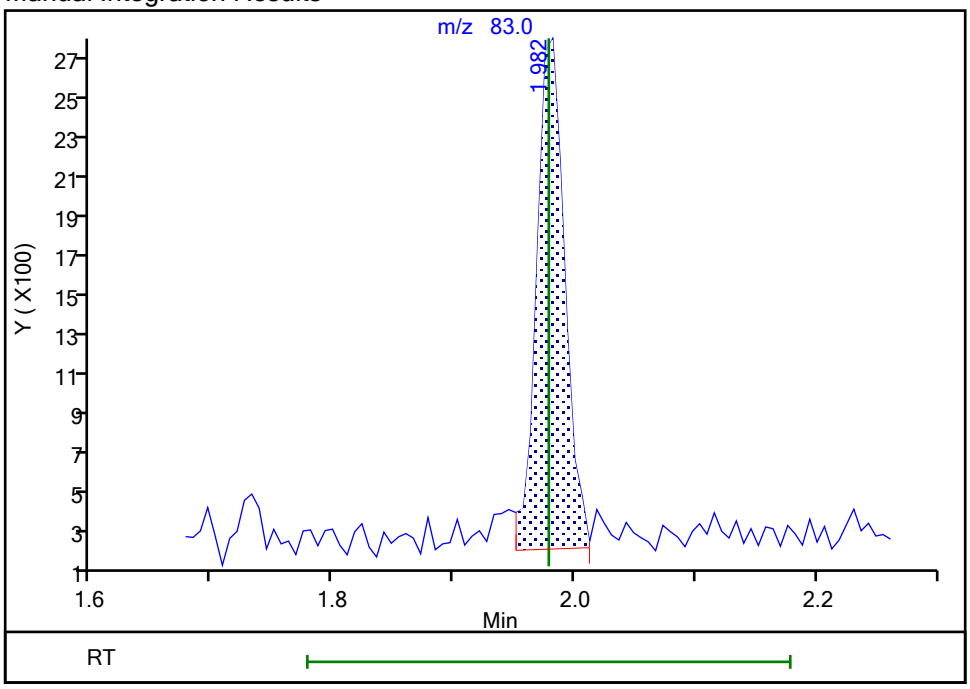
Processing Integration Results

RT: 1.95
Area: 300
Amount: 0.082080
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 4129
Amount: 1.087495
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:18:06
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

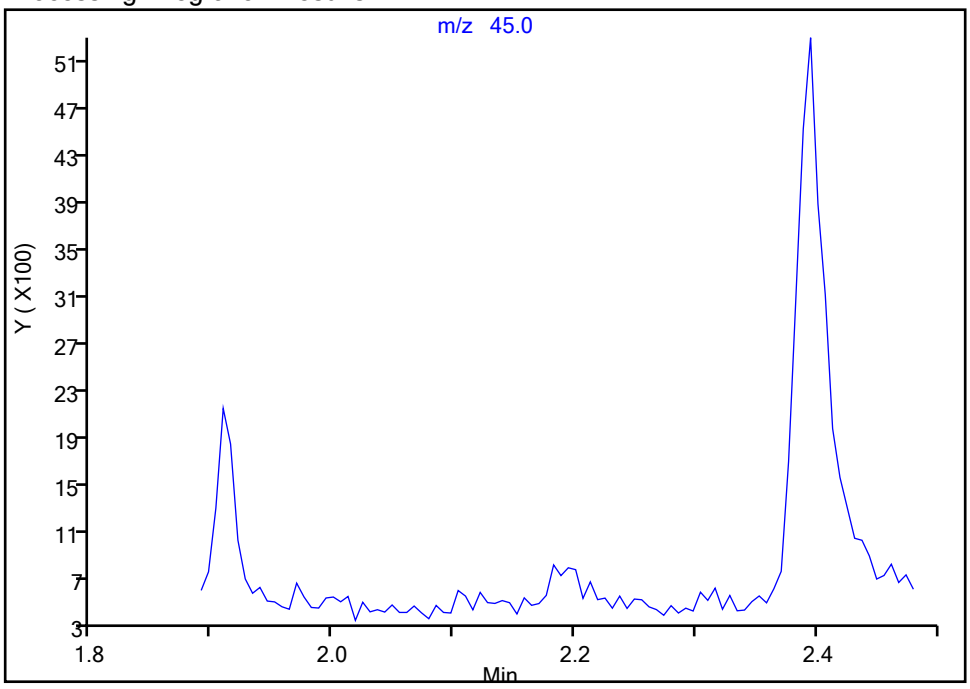
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

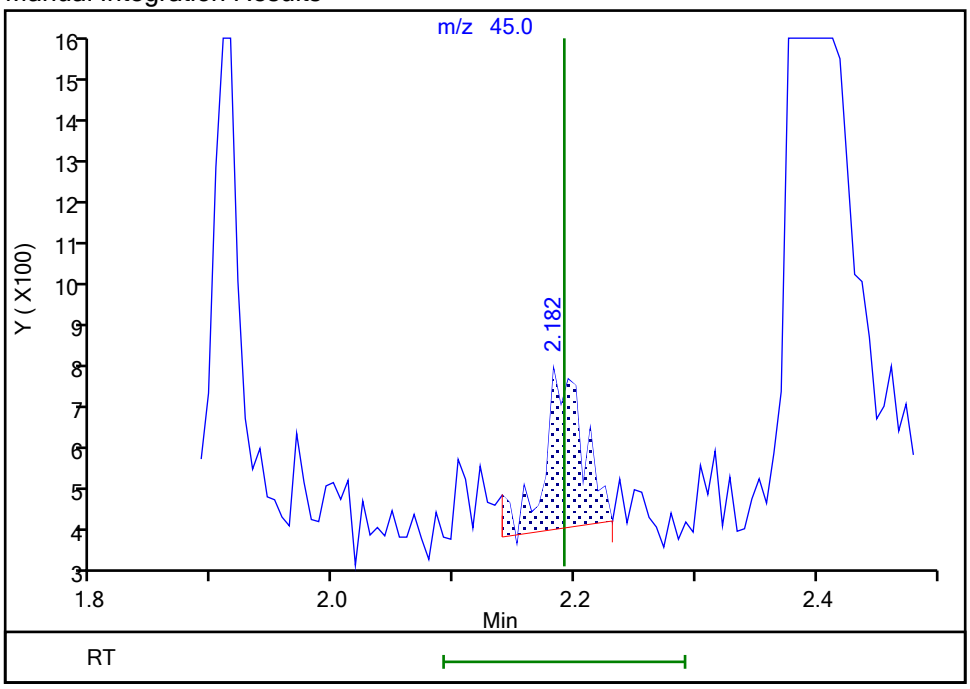
Not Detected
Expected RT: 2.19

Processing Integration Results



Manual Integration Results

RT: 2.18
Area: 858
Amount: 10.222308
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:18:14
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

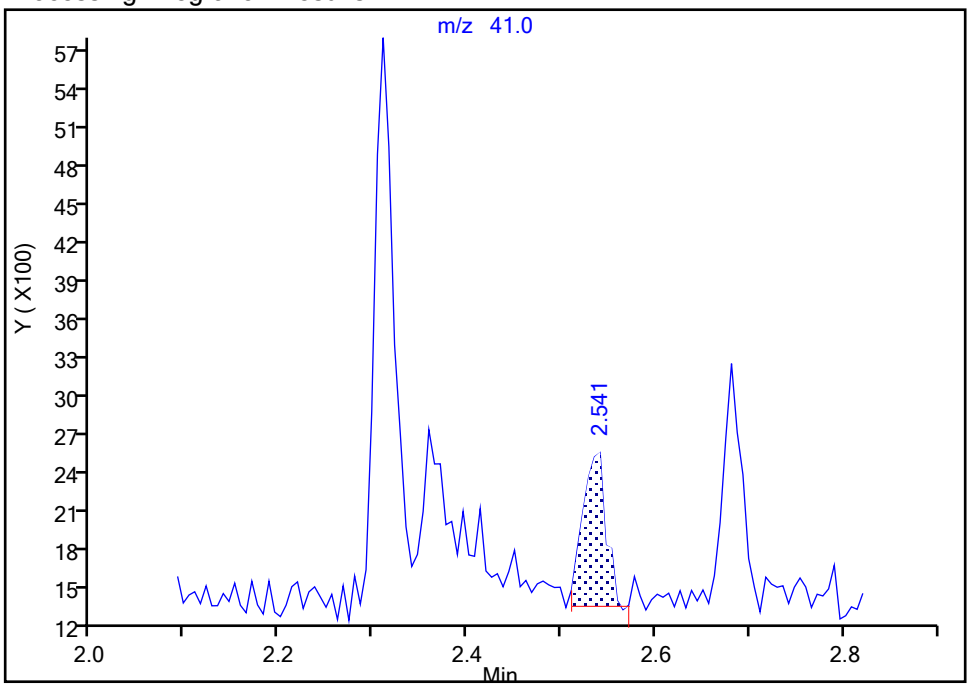
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

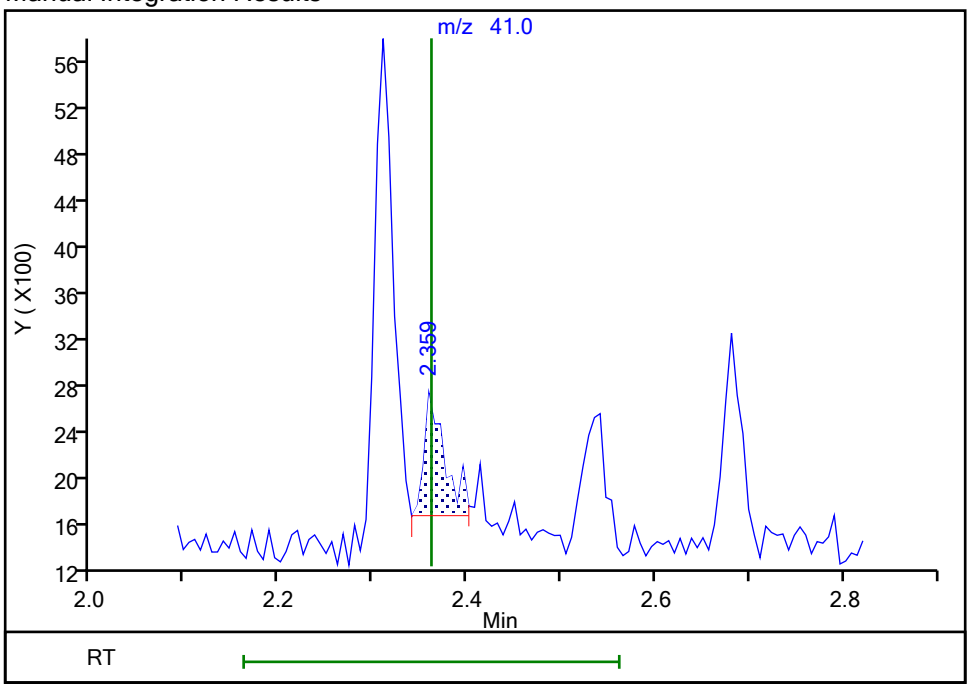
Processing Integration Results

RT: 2.54
Area: 1999
Amount: 7.080494
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 1611
Amount: 5.328008
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:18:25
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

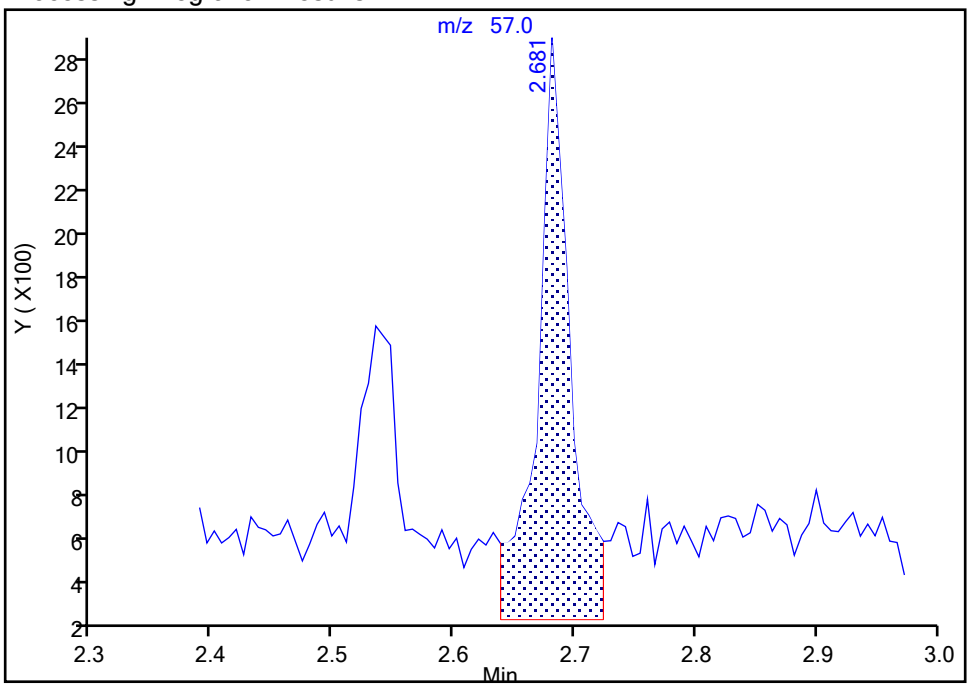
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Hexane, CAS: 110-54-3

Signal: 1

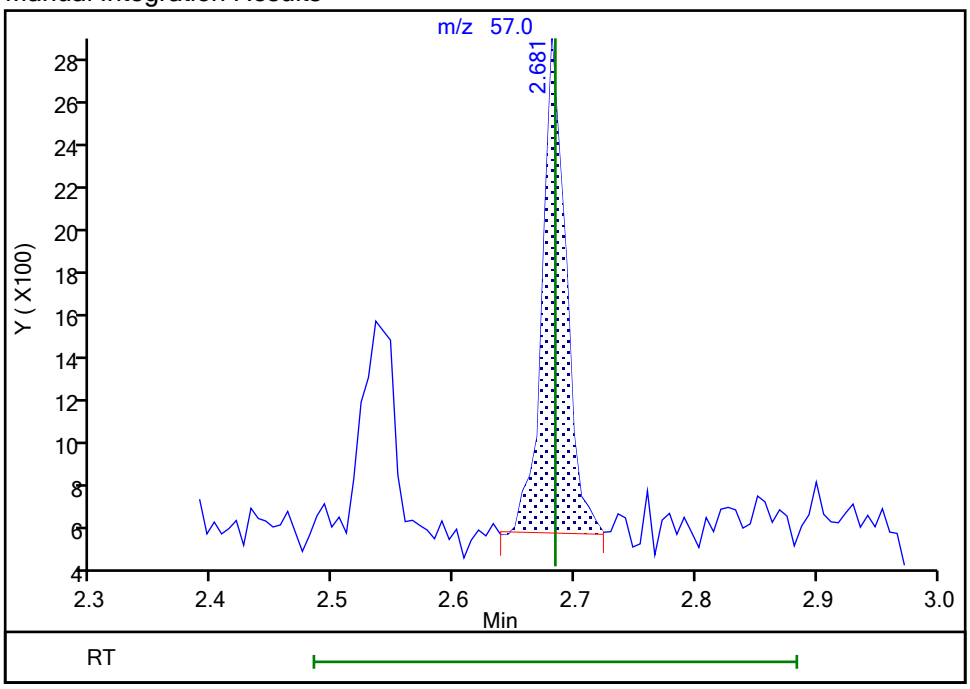
Processing Integration Results

RT: 2.68
Area: 4893
Amount: 1.751223
Amount Units: ug/l



Manual Integration Results

RT: 2.68
Area: 3019
Amount: 1.064782
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:18:39
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

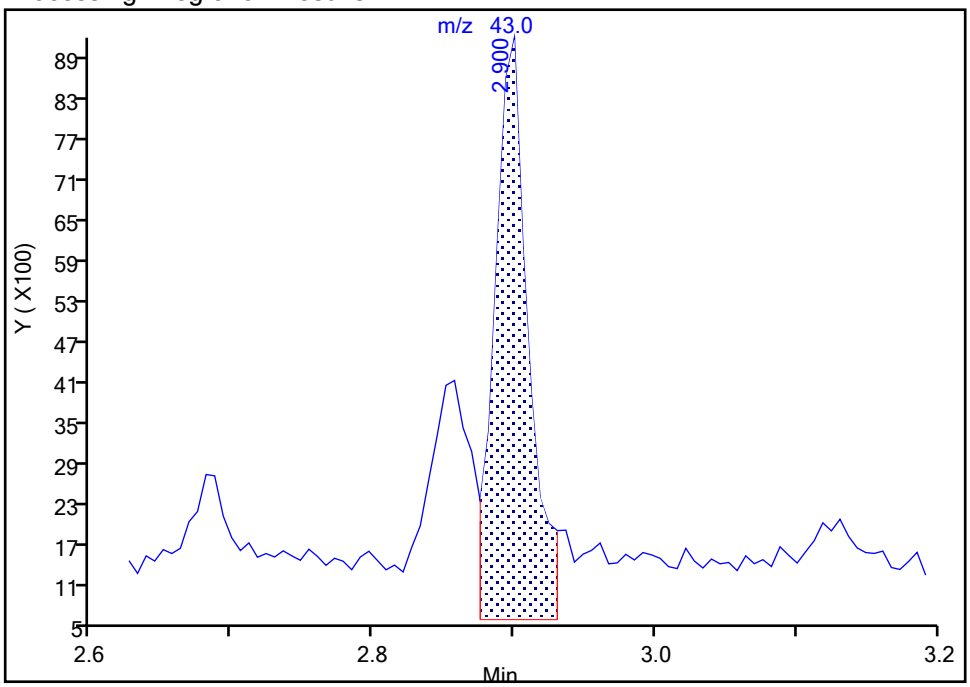
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

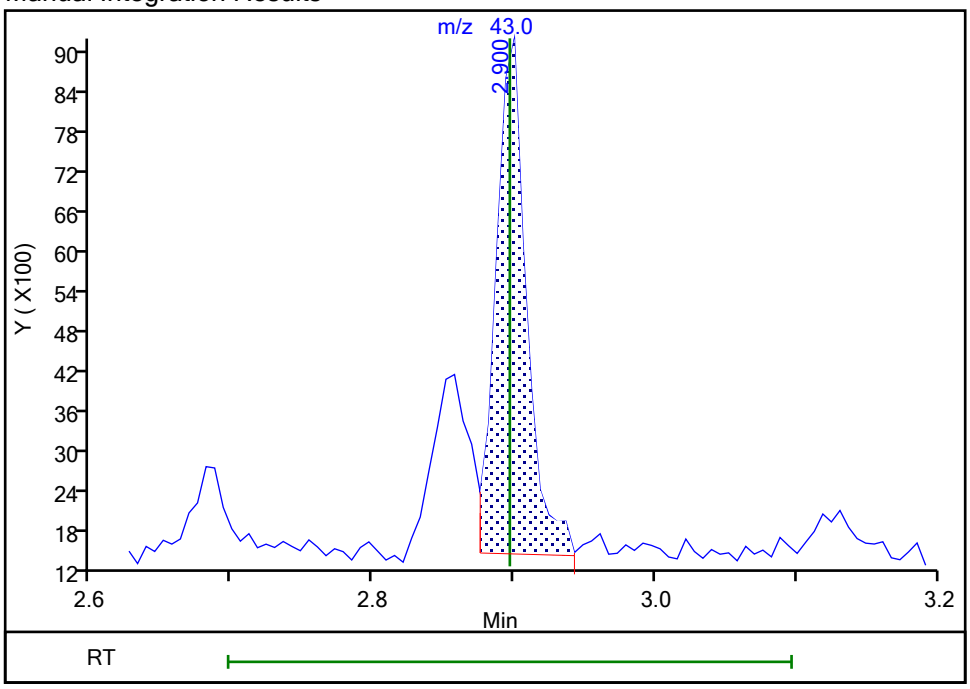
Processing Integration Results

RT: 2.90
Area: 14582
Amount: 2.470791
Amount Units: ug/l



Manual Integration Results

RT: 2.90
Area: 11695
Amount: 2.065827
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:18:51
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

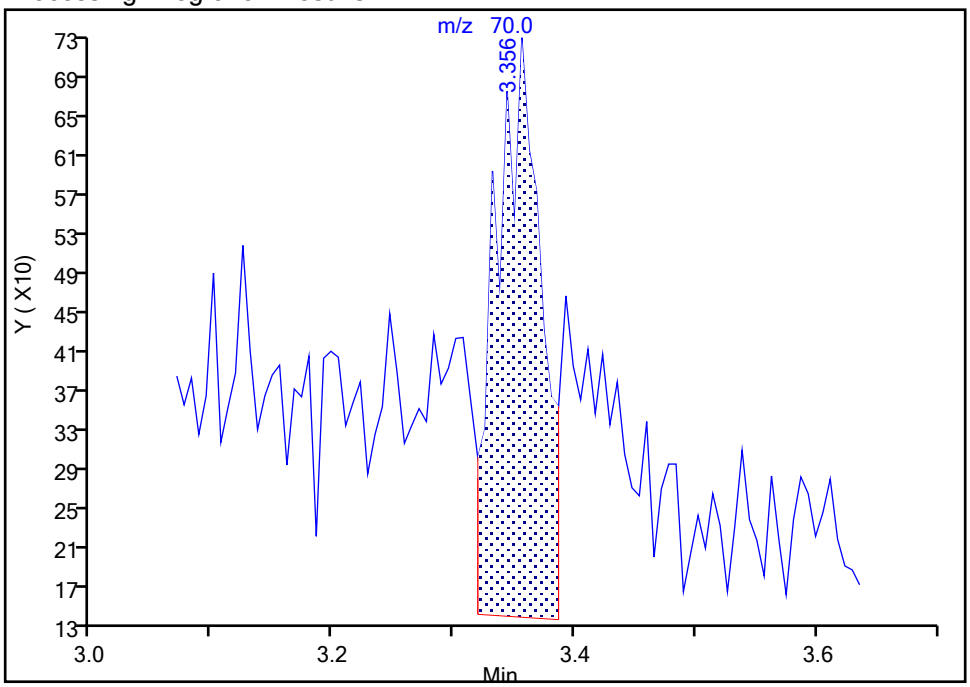
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

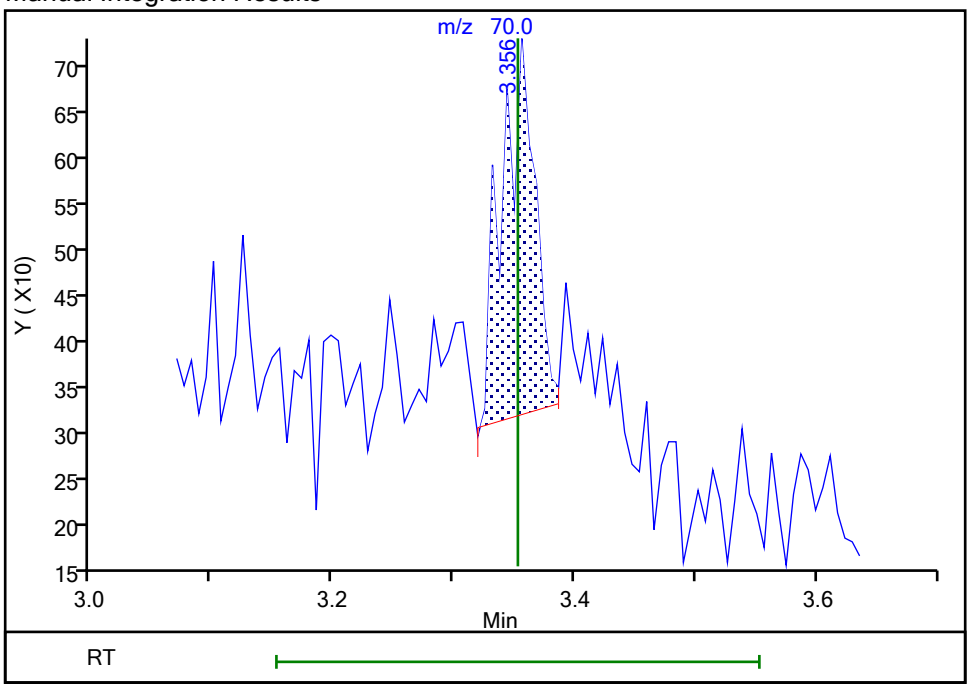
Processing Integration Results

RT: 3.36
Area: 1559
Amount: 5.551929
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 757
Amount: 2.467385
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:19:01
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

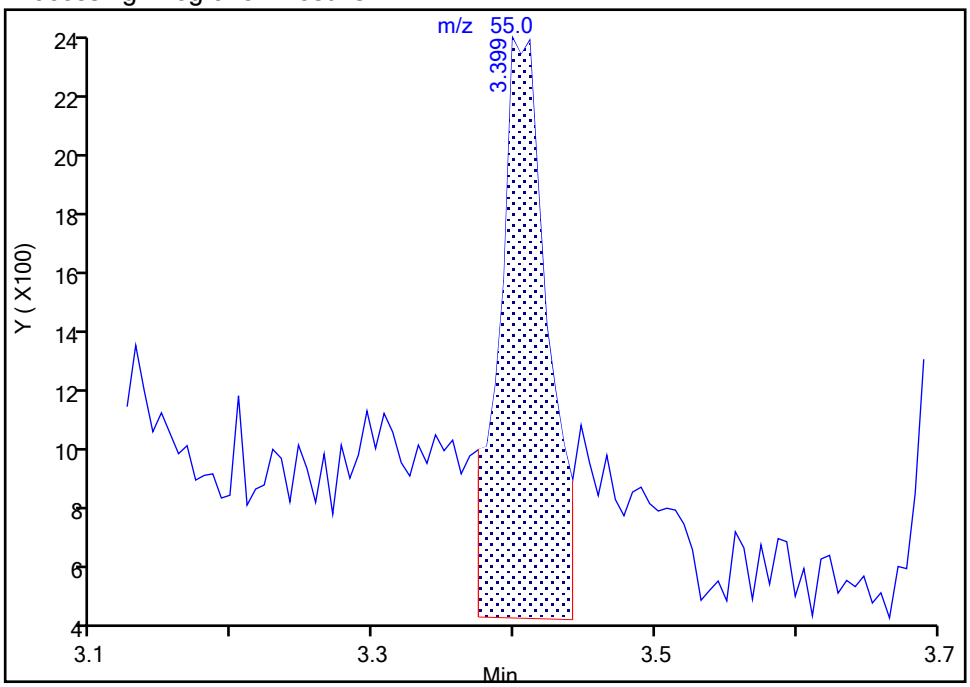
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

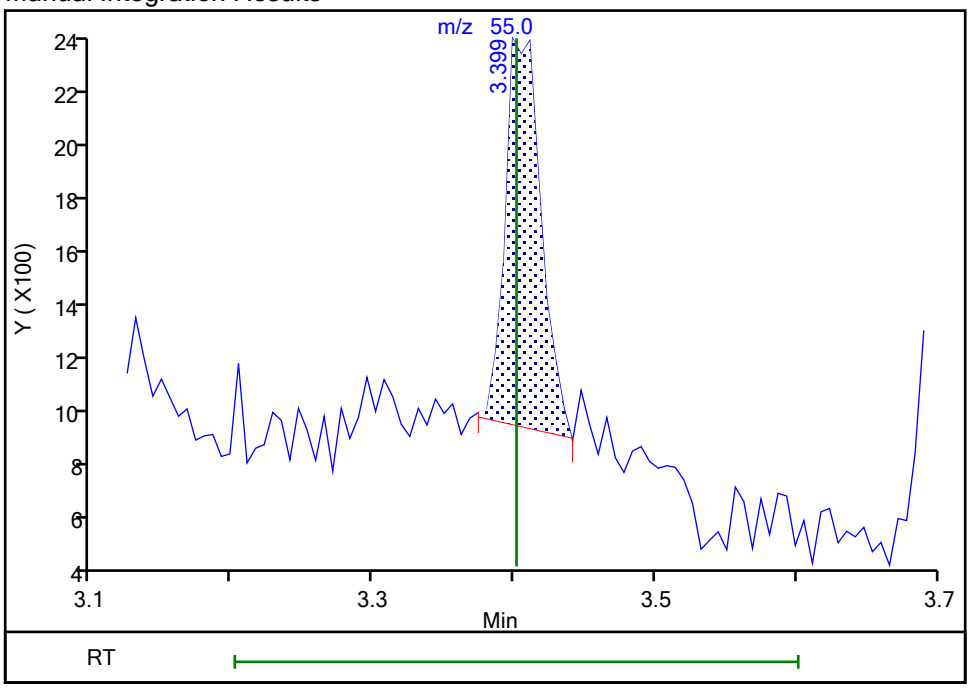
Processing Integration Results

RT: 3.40
Area: 4588
Amount: 1.876643
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 2434
Amount: 0.941579
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:19:10
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

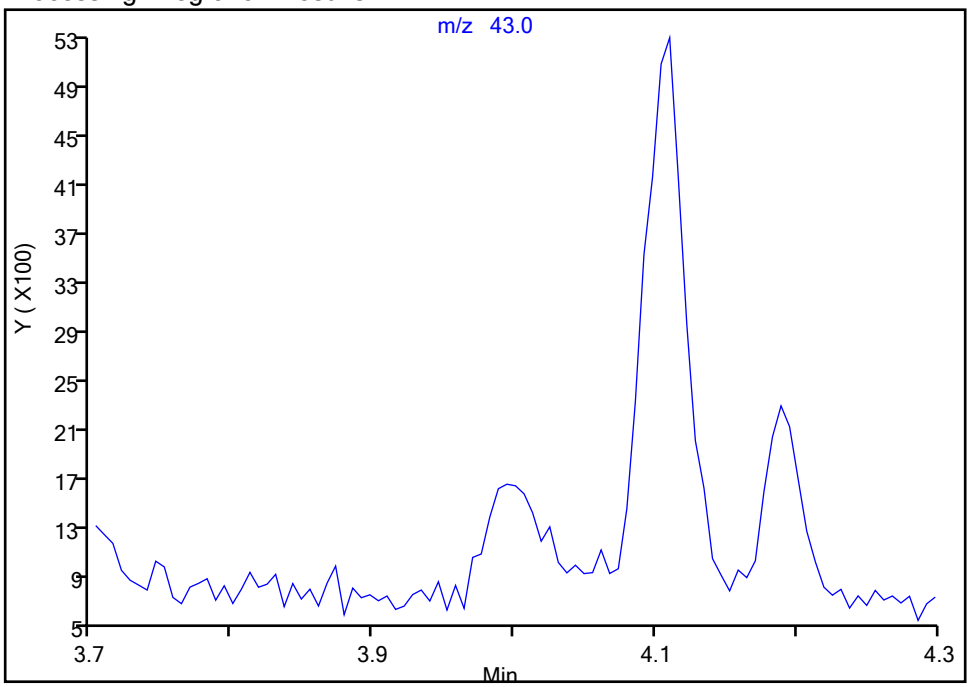
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

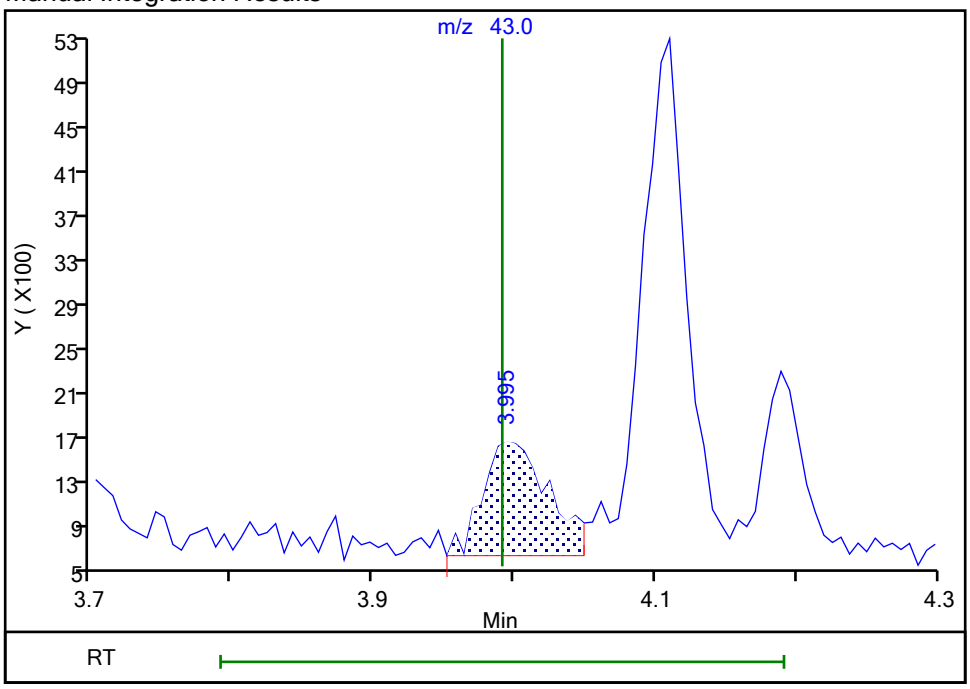
Not Detected
Expected RT: 3.99

Processing Integration Results



Manual Integration Results

RT: 3.99
Area: 3387
Amount: 26.381408
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:19:19
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

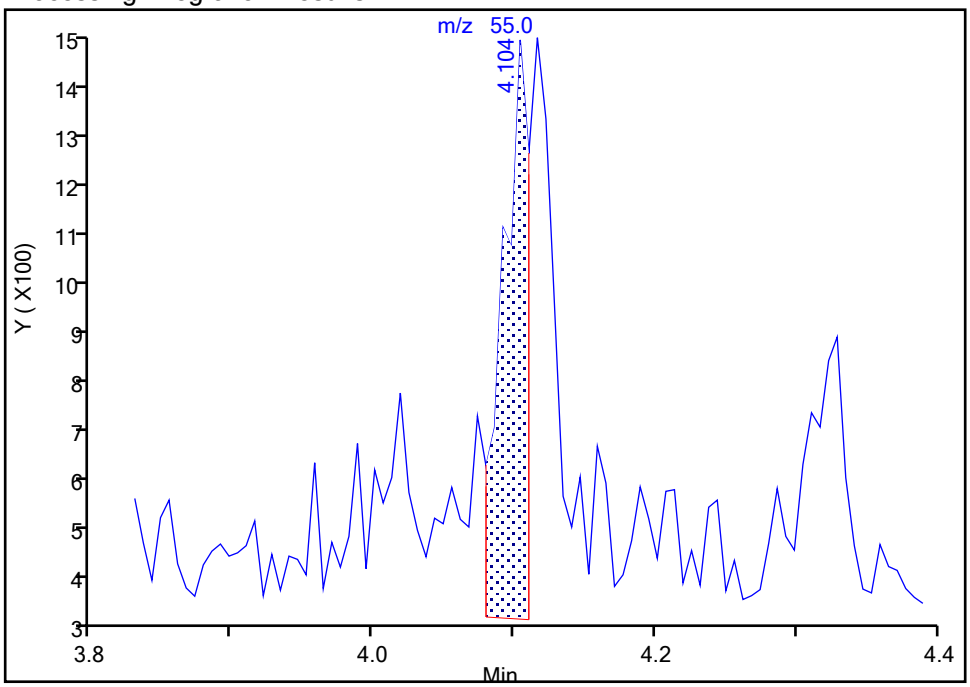
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

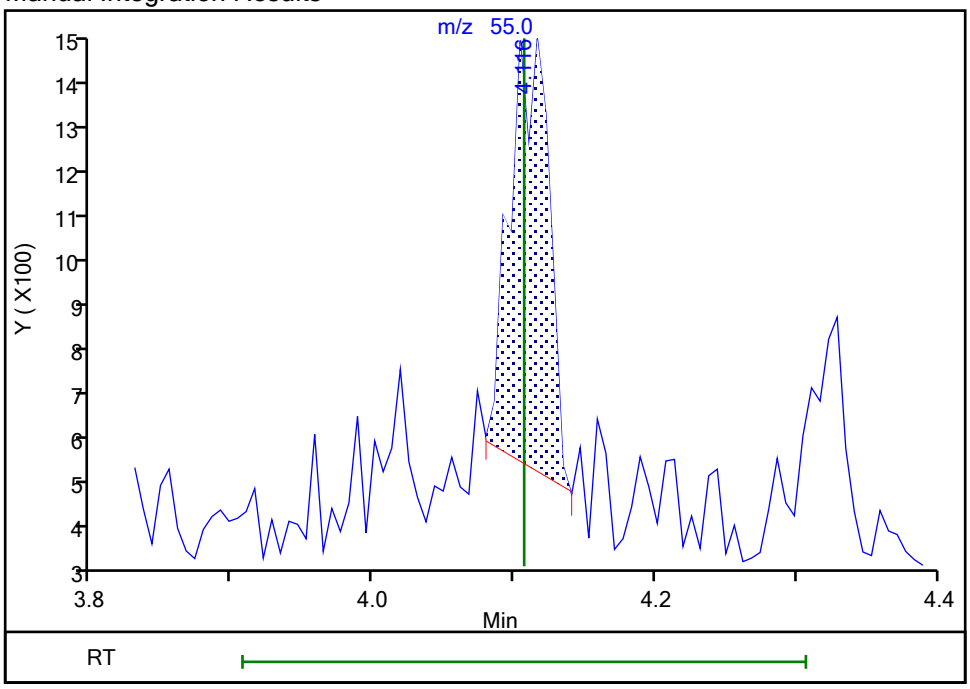
Processing Integration Results

RT: 4.10
Area: 1428
Amount: 0.677793
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 1612
Amount: 0.754150
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:19:30
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

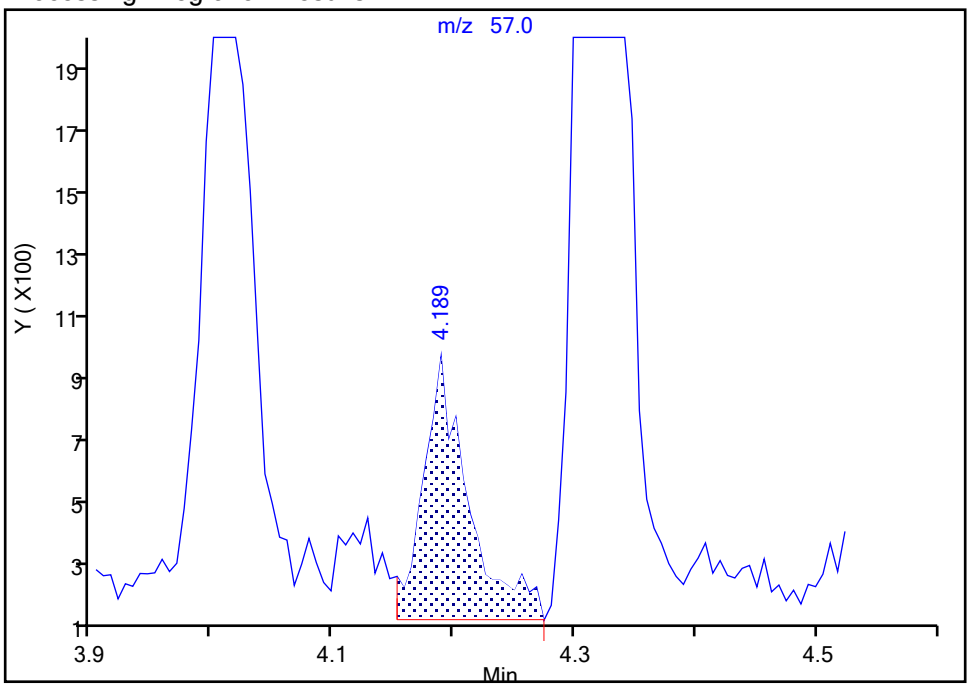
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

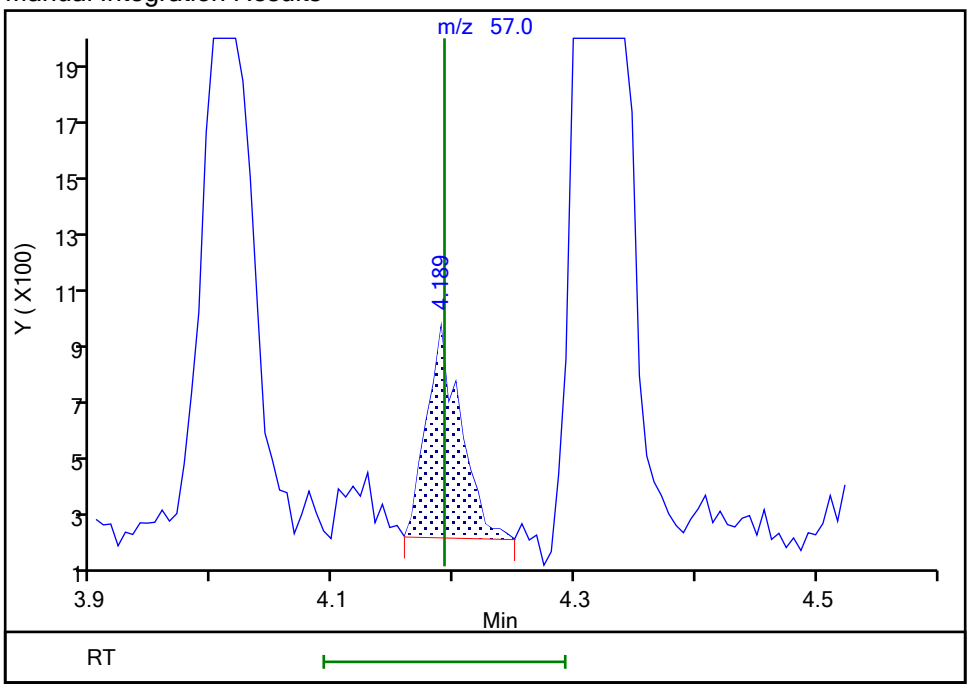
Processing Integration Results

RT: 4.19
Area: 2137
Amount: 1.753921
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 1425
Amount: 1.159481
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:23:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

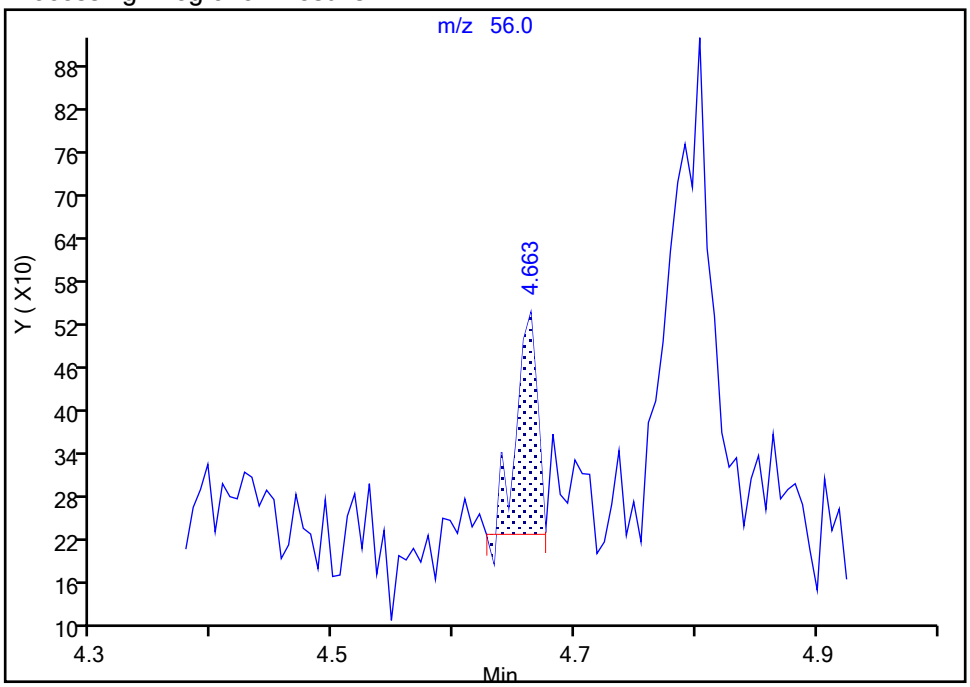
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

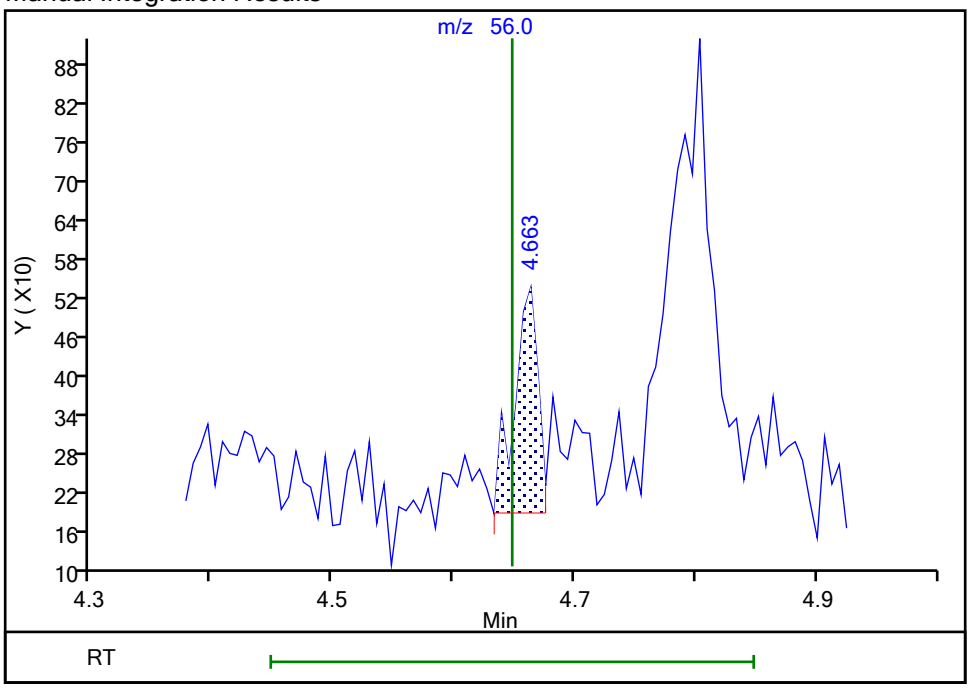
Processing Integration Results

RT: 4.66
Area: 365
Amount: 11.123275
Amount Units: ug/l



Manual Integration Results

RT: 4.66
Area: 476
Amount: 14.310925
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:26:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

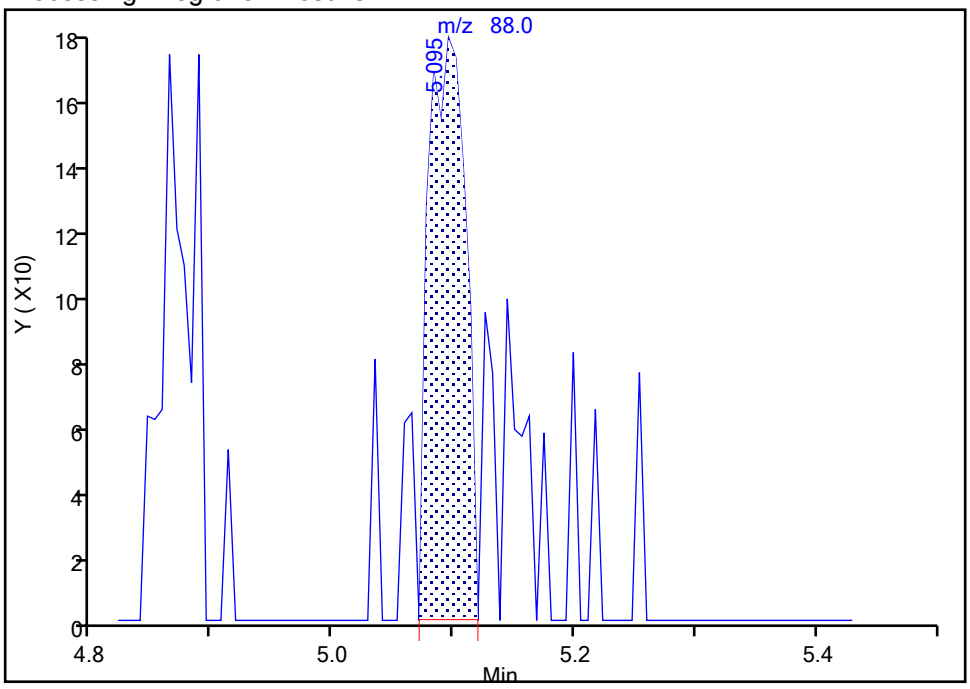
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

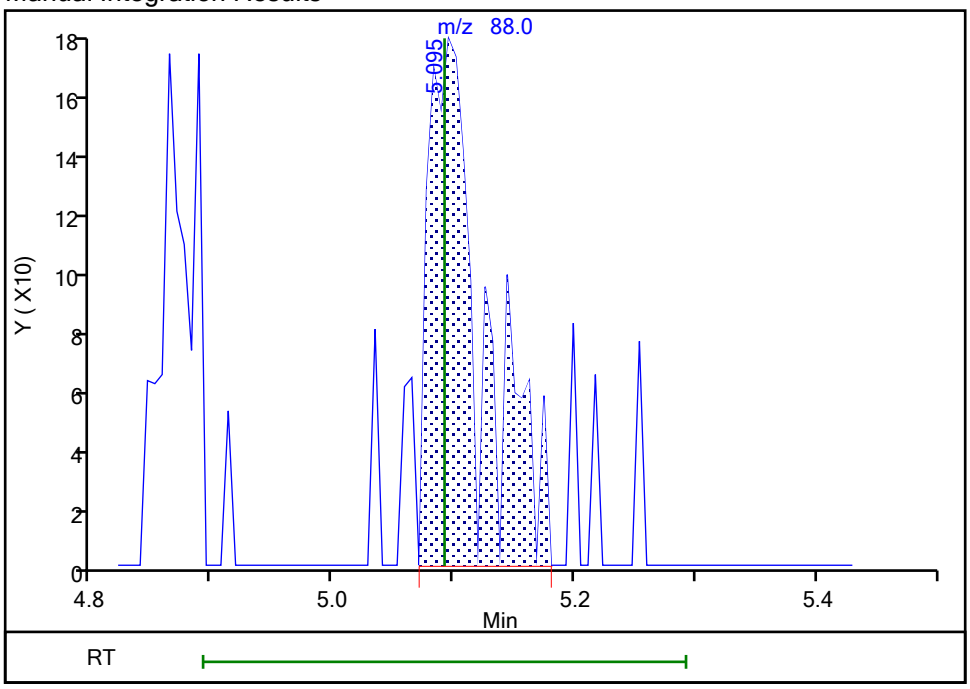
Processing Integration Results

RT: 5.10
Area: 368
Amount: 32.445705
Amount Units: ug/l



Manual Integration Results

RT: 5.10
Area: 547
Amount: 42.565515
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:24:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

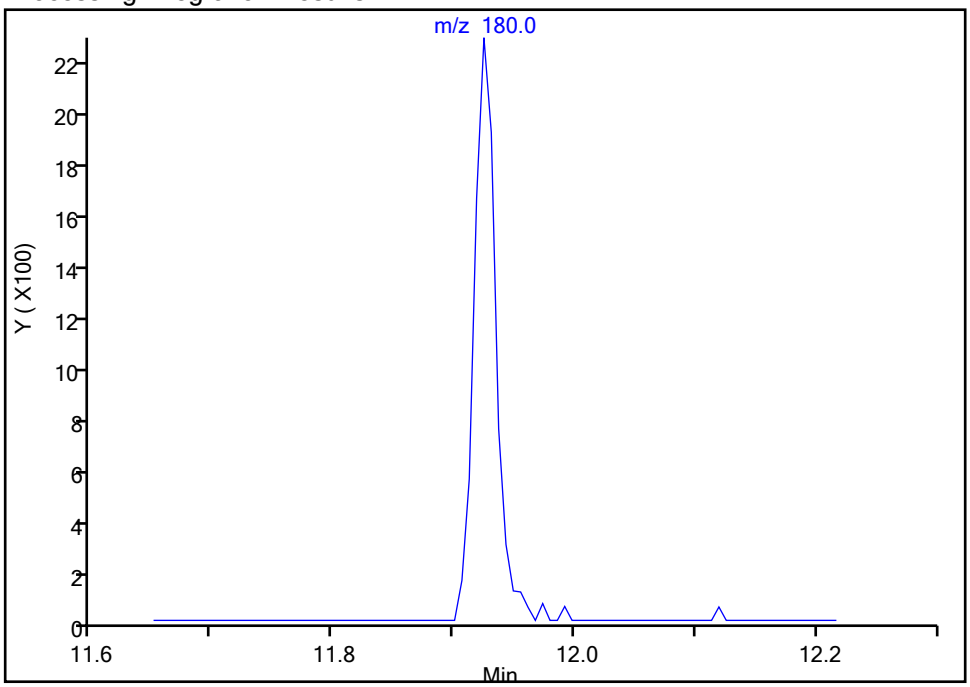
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Signal: 1

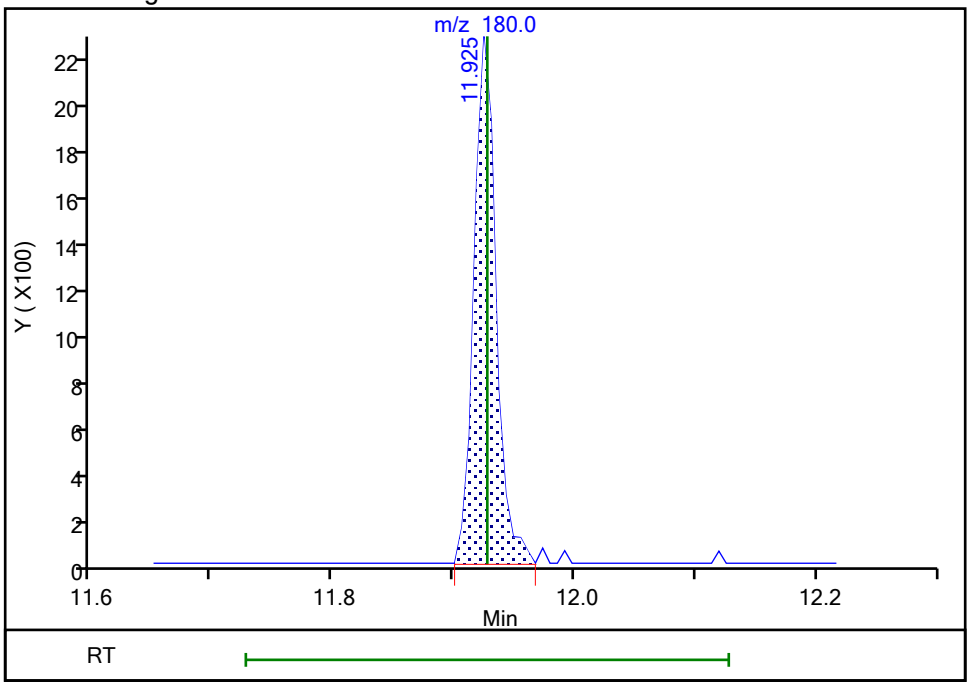
Not Detected
Expected RT: 11.93

Processing Integration Results



Manual Integration Results

RT: 11.92
Area: 2794
Amount: 1.039103
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:20:01
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

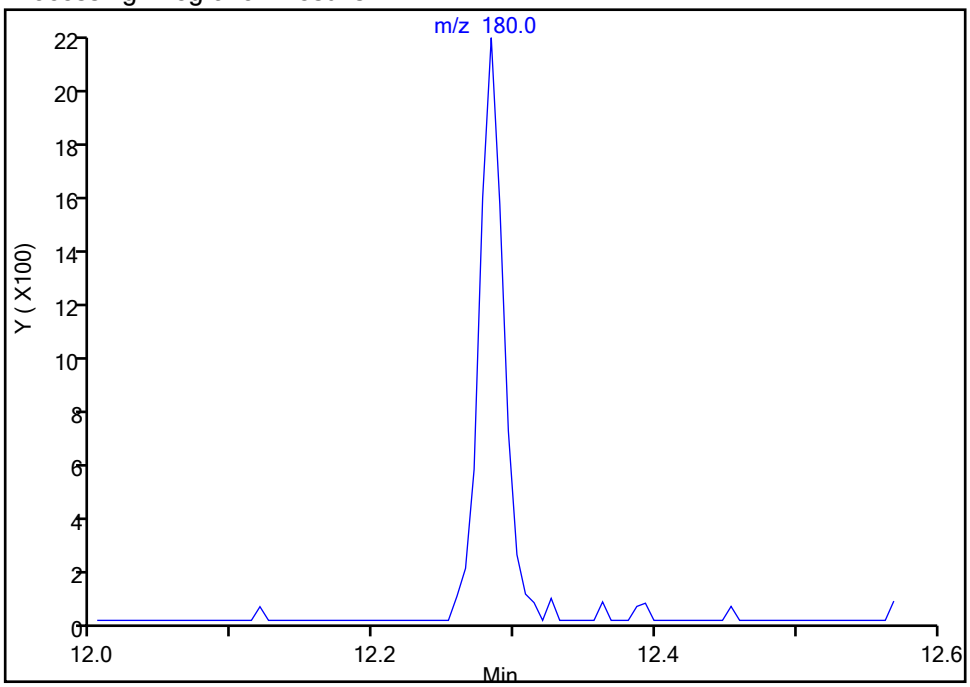
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

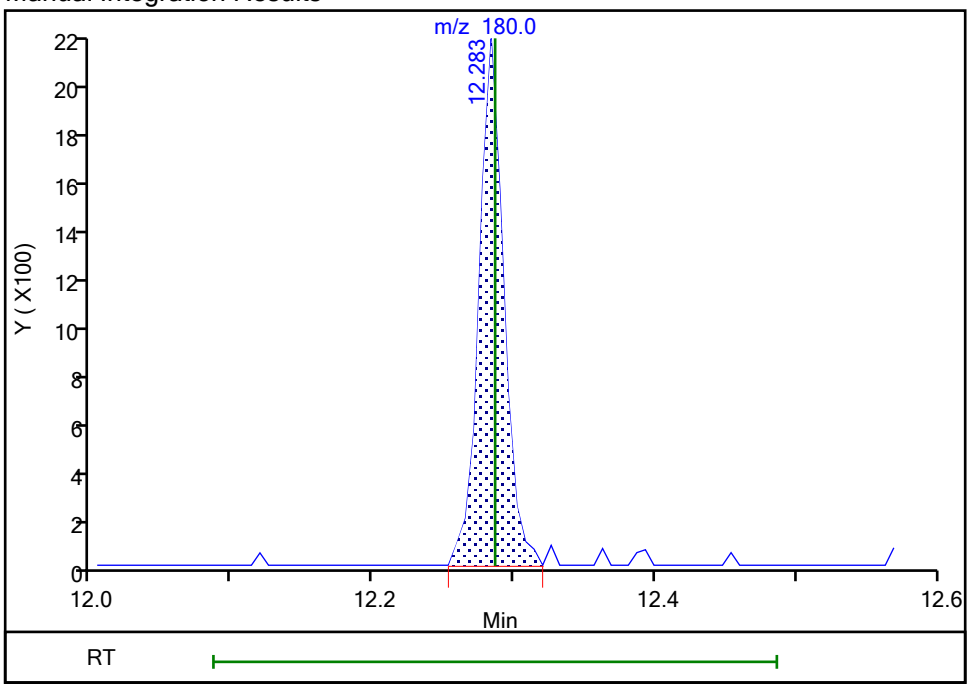
Not Detected
Expected RT: 12.29

Processing Integration Results



Manual Integration Results

RT: 12.28
Area: 2649
Amount: 1.087547
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:20:07
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-Apr-2023 01:29:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0159076-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:15 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:15:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.133	0.004	85	1281	5.00	5.14	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	98	13812	5.00	4.94	
5 Chlorodifluoromethane	67	1.180	1.176	0.004	97	2253	5.00	4.97	
6 Chloromethane	50	1.289	1.285	0.004	99	16229	5.00	4.91	
7 Vinyl chloride	62	1.344	1.346	-0.002	98	15592	5.00	4.84	
8 Butadiene	54	1.362	1.363	-0.001	94	15907	5.00	4.82	
9 Bromomethane	94	1.557	1.559	-0.002	96	6073	5.00	4.35	
10 Chloroethane	64	1.611	1.613	-0.002	99	8097	5.00	4.96	
12 Dichlorofluoromethane	67	1.733	1.735	-0.002	99	23683	5.00	5.06	
11 Trichlorofluoromethane	101	1.739	1.741	-0.002	98	19679	5.00	5.14	
13 Pentane	43	1.770	1.772	-0.002	96	45352	10.0	10.2	
14 Ethanol	46	1.873	1.869	0.004	88	598	200.0	204.0	M
15 Ethyl ether	59	1.909	1.911	-0.002	93	11841	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	1.928	1.930	-0.002	98	13245	5.00	4.82	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.940	1.942	-0.002	96	10071	5.00	5.15	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	95	20286	5.00	5.31	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.037	2.033	0.004	98	12549	5.00	5.00	
19 Acrolein	56	2.043	2.039	0.004	96	5943	20.0	17.6	
21 1,1-Dichloroethene	96	2.068	2.070	-0.002	95	12944	5.00	5.32	
22 Acetone	43	2.134	2.130	0.004	85	16284	25.0	21.5	
23 Iodomethane	142	2.189	2.191	-0.002	97	14138	5.00	4.33	
25 Isopropyl alcohol	45	2.195	2.191	0.004	39	3836	50.0	47.6	
24 Carbon disulfide	76	2.220	2.215	0.005	100	47257	5.00	5.10	
26 3-Chloro-1-propene	76	2.311	2.313	-0.002	96	8360	5.00	5.17	
28 Methyl acetate	43	2.317	2.319	-0.002	98	23067	10.0	10.1	
27 Cyclopentene	67	2.329	2.331	-0.002	95	30643	5.00	5.04	
29 Acetonitrile	41	2.359	2.361	-0.002	96	13225	50.0	45.5	a
* 30 TBA-d9 (IS)	65	2.396	2.397	-0.001	75	211066	1000.0	1000.0	
31 Methylene Chloride	84	2.408	2.410	-0.002	98	14134	5.00	5.04	
32 2-Methyl-2-propanol	59	2.451	2.447	0.004	97	6848	50.0	45.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.536	2.532	0.004	98	39254	5.00	4.93	
34 trans-1,2-Dichloroethene	96	2.560	2.562	-0.002	98	14110	5.00	4.97	
35 Acrylonitrile	53	2.621	2.622	-0.001	94	45543	50.0	48.4	
36 Hexane	57	2.682	2.684	-0.002	94	15354	5.00	5.38	
37 Isopropyl ether	45	2.852	2.854	-0.002	98	58087	5.00	5.14	
38 1,1-Dichloroethane	63	2.889	2.891	-0.002	99	29223	5.00	5.15	
39 Vinyl acetate	43	2.895	2.897	-0.002	100	68120	10.0	12.0	
40 2-Chloro-1,3-butadiene	88	2.925	2.927	-0.002	94	13045	5.00	4.99	
41 Tert-butyl ethyl ether	59	3.126	3.128	-0.002	87	47969	5.00	5.06	
* 43 2-Butanone-d5	46	3.302	3.303	-0.001	89	309580	250.0	250.0	
42 2,2-Dichloropropane	79	3.308	3.310	-0.002	48	7087	5.00	4.74	
44 cis-1,2-Dichloroethene	96	3.339	3.341	-0.002	94	15868	5.00	4.98	
45 Ethyl acetate	70	3.357	3.353	0.004	96	3375	10.0	11.0	
46 2-Butanone (MEK)	72	3.357	3.359	-0.002	94	5621	25.0	23.0	
47 Methyl acrylate	55	3.405	3.401	0.004	99	15510	5.00	5.96	
48 Propionitrile	54	3.472	3.474	-0.002	97	14610	50.0	47.0	
50 Chlorobromomethane	128	3.545	3.541	0.004	96	7279	5.00	4.80	
49 Tetrahydrofuran	72	3.551	3.547	0.004	58	2875	10.0	9.59	
51 Methacrylonitrile	67	3.564	3.566	-0.002	97	53049	50.0	49.4	
52 Chloroform	83	3.588	3.590	-0.002	97	26987	5.00	5.12	
53 Cyclohexane	84	3.703	3.705	-0.002	97	18070	5.00	5.14	
54 1,1,1-Trichloroethane	97	3.716	3.718	-0.002	99	22878	5.00	5.07	
$ 55 Dibromofluoromethane (Surr)	113	3.734	3.734	0.000	96	140139	50.0	51.6	
56 Carbon tetrachloride	117	3.825	3.827	-0.002	97	19550	5.00	4.90	
57 1,1-Dichloropropene	75	3.855	3.857	-0.002	94	21892	5.00	5.00	
58 Isobutyl alcohol	43	3.989	3.991	-0.002	91	13199	125.0	107.0	
59 Isooctane	57	4.014	4.009	0.005	97	28253	5.00	5.02	
60 Benzene	78	4.044	4.046	-0.002	96	62656	5.00	4.99	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.062	4.063	-0.001	0	167141	50.0	52.4	
62 Isopropyl acetate	43	4.105	4.101	0.004	91	49072	5.00	5.03	
63 Tert-amyl methyl ether	55	4.111	4.107	0.004	75	12202	5.00	5.67	
64 1,2-Dichloroethane	62	4.135	4.131	0.004	95	22183	5.00	5.07	
65 n-Heptane	57	4.190	4.192	-0.002	98	6056	5.00	4.90	
* 66 Fluorobenzene	96	4.324	4.324	0.000	98	601847	50.0	50.0	
67 n-Butanol	56	4.652	4.648	0.004	96	3798	125.0	118.6	
68 Trichloroethene	95	4.670	4.672	-0.002	98	16340	5.00	4.97	
69 Methylcyclohexane	83	4.786	4.788	-0.002	89	16315	5.00	4.99	
70 Ethyl acrylate	55	4.798	4.800	-0.002	98	33705	5.00	4.93	
71 1,2-Dichloropropane	63	4.962	4.958	0.004	92	18154	5.00	5.03	
* 72 1,4-Dioxane-d8	96	5.035	5.030	0.005	0	25840	1000.0	1000.0	
73 Methyl methacrylate	100	5.053	5.049	0.004	95	7091	10.0	10.3	
75 1,4-Dioxane	88	5.084	5.092	-0.008	30	1537	100.0	127.7	M
74 Dibromomethane	93	5.090	5.092	-0.002	97	10038	5.00	4.90	
76 n-Propyl acetate	43	5.114	5.110	0.004	98	24435	5.00	5.16	
77 Dichlorobromomethane	83	5.254	5.250	0.004	98	20570	5.00	4.89	
78 2-Nitropropane	41	5.613	5.609	0.004	83	8078	10.0	9.65	
79 2-Chloroethyl vinyl ether	63	5.619	5.621	-0.002	84	9839	5.01	5.00	
80 Epichlorohydrin	57	5.729	5.729	-0.001	98	22377	100.0	100.9	
81 cis-1,3-Dichloropropene	75	5.777	5.779	-0.002	95	26995	5.00	4.90	
82 4-Methyl-2-pentanone (MIBK)	43	5.966	5.962	0.004	99	74866	25.0	25.5	
$ 83 Toluene-d8 (Surr)	98	6.033	6.033	0.000	98	507920	50.0	51.0	
84 Toluene	91	6.118	6.120	-0.002	94	62591	5.00	5.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.519	6.515	0.004	98	23578	5.00	4.92	
86 Ethyl methacrylate	69	6.568	6.564	0.004	94	18685	5.00	5.07	
87 1,1,2-Trichloroethane	83	6.750	6.752	-0.002	96	12128	5.00	5.02	
88 Tetrachloroethene	166	6.781	6.783	-0.002	95	14848	5.00	4.97	
89 1,3-Dichloropropane	76	6.975	6.983	-0.008	96	21948	5.00	4.91	
90 2-Hexanone	58	7.072	7.074	-0.002	99	24382	25.0	25.9	
91 n-Butyl acetate	43	7.218	7.214	0.004	97	24849	5.00	4.94	
92 Chlorodibromomethane	129	7.237	7.233	0.004	98	14640	5.00	4.91	
93 Ethylene Dibromide	107	7.401	7.397	0.004	99	13737	5.00	5.04	
* 94 Chlorobenzene-d5	117	7.991	7.985	0.006	87	422697	50.0	50.0	
95 Chlorobenzene	112	8.027	8.023	0.004	95	36678	5.00	4.96	
96 Ethylbenzene	106	8.137	8.133	0.004	99	19535	5.00	5.03	
97 1,1,1,2-Tetrachloroethane	131	8.149	8.145	0.004	96	13705	5.00	5.08	
98 m-Xylene & p-Xylene	106	8.283	8.285	-0.002	0	24169	5.00	5.10	
99 o-Xylene	106	8.739	8.735	0.004	93	23065	5.00	4.99	
100 n-Butyl acrylate	73	8.757	8.753	0.004	96	11030	5.00	4.96	
101 Styrene	104	8.769	8.771	-0.002	94	37637	5.00	4.95	
103 Bromoform	173	8.982	8.984	-0.002	95	8629	5.00	4.68	
102 Amyl acetate (mixed isomers)	43	9.000	9.002	-0.002	87	27093	5.00	5.15	
104 Isopropylbenzene	105	9.116	9.118	-0.002	97	51256	5.00	5.06	
$ 105 4-Bromofluorobenzene	174	9.316	9.317	-0.001	93	144872	50.0	51.1	
106 Bromobenzene	156	9.444	9.440	0.004	96	15415	5.00	5.06	
107 1,1,2,2-Tetrachloroethane	83	9.511	9.513	-0.002	99	15688	5.00	5.31	
108 N-Propylbenzene	91	9.529	9.525	0.004	99	58205	5.00	5.16	
109 1,2,3-Trichloropropane	110	9.548	9.550	-0.002	95	3718	5.00	5.23	
110 trans-1,4-Dichloro-2-butene	53	9.578	9.574	0.004	88	4294	5.00	4.70	
111 2-Chlorotoluene	91	9.621	9.623	-0.002	98	41448	5.00	5.06	
112 4-Ethyltoluene	105	9.639	9.641	-0.002	98	47244	5.00	5.05	
113 1,3,5-Trimethylbenzene	105	9.706	9.708	-0.002	92	39399	5.00	4.98	
114 4-Chlorotoluene	91	9.736	9.738	-0.002	98	41304	5.00	5.23	
115 Butyl Methacrylate	87	9.821	9.823	-0.002	95	16606	5.00	4.98	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	93	30810	5.00	5.19	
117 1,2,4-Trimethylbenzene	105	10.046	10.042	0.004	98	42657	5.00	5.13	
118 sec-Butylbenzene	105	10.180	10.182	-0.002	99	41429	5.00	5.15	
120 1,3-Dichlorobenzene	146	10.302	10.304	-0.002	95	23511	5.00	4.84	
119 4-Isopropyltoluene	119	10.314	10.310	0.004	97	33997	5.00	4.95	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.369	0.000	96	203125	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.387	10.389	-0.002	95	25270	5.00	4.96	
123 1,2,3-Trimethylbenzene	105	10.411	10.407	0.004	99	44523	5.00	5.12	
124 Benzyl chloride	91	10.521	10.517	0.005	98	26712	5.00	4.95	
125 2,3-Dihydroindene	117	10.569	10.571	-0.002	94	43339	5.00	5.01	
126 p-Diethylbenzene	119	10.630	10.632	-0.002	92	20131	5.00	5.00	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	16374	5.00	5.01	
128 1,2-Dichlorobenzene	146	10.697	10.699	-0.002	95	23728	5.00	5.01	
129 1,2,4,5-Tetramethylbenzene	119	11.256	11.258	-0.002	97	34178	5.00	5.10	
130 1,2-Dibromo-3-Chloropropane	157	11.342	11.337	0.005	94	2722	5.00	4.78	
131 1,3,5-Trichlorobenzene	180	11.451	11.447	0.004	97	14863	5.00	5.13	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	95	13673	5.00	4.99	
133 Hexachlorobutadiene	225	12.004	12.006	-0.002	95	4896	5.00	5.29	
134 Naphthalene	128	12.108	12.110	-0.002	99	37696	5.00	4.97	
135 1,2,3-Trichlorobenzene	180	12.284	12.286	-0.002	96	12295	5.00	4.96	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	10.1	
S 138 Total BTEX	1				0		25.0	25.1	

QC Flag Legend

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

Reagents:

8260MIX1COMB_00168	Amount Added: 10.00	Units: uL		
524freon_00066	Amount Added: 10.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00524	Amount Added: 10.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 14-Apr-2023 19:34:16 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D

Injection Date: 14-Apr-2023 01:29:30 Instrument ID: CVOAMS8 Operator ID:

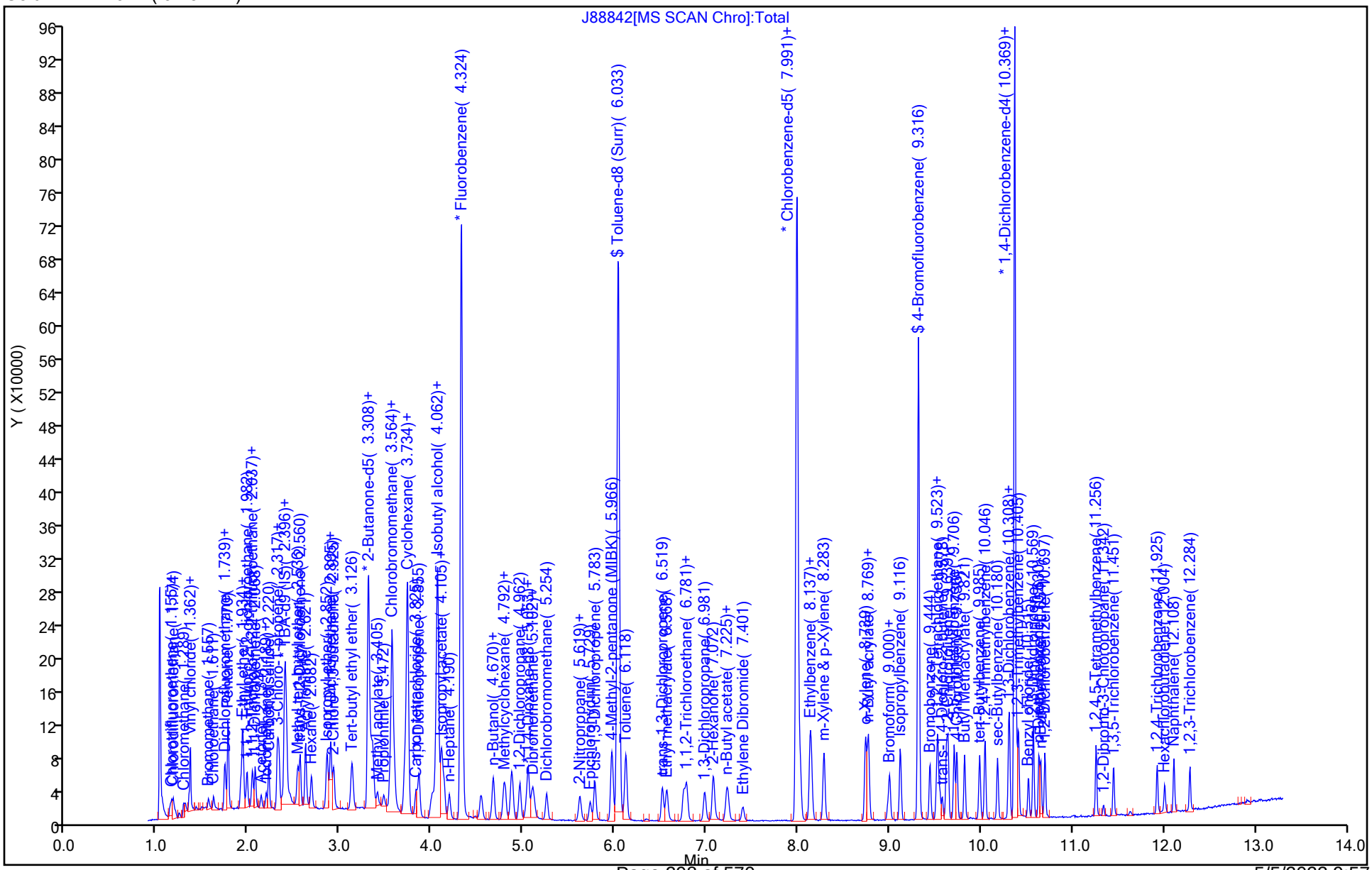
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

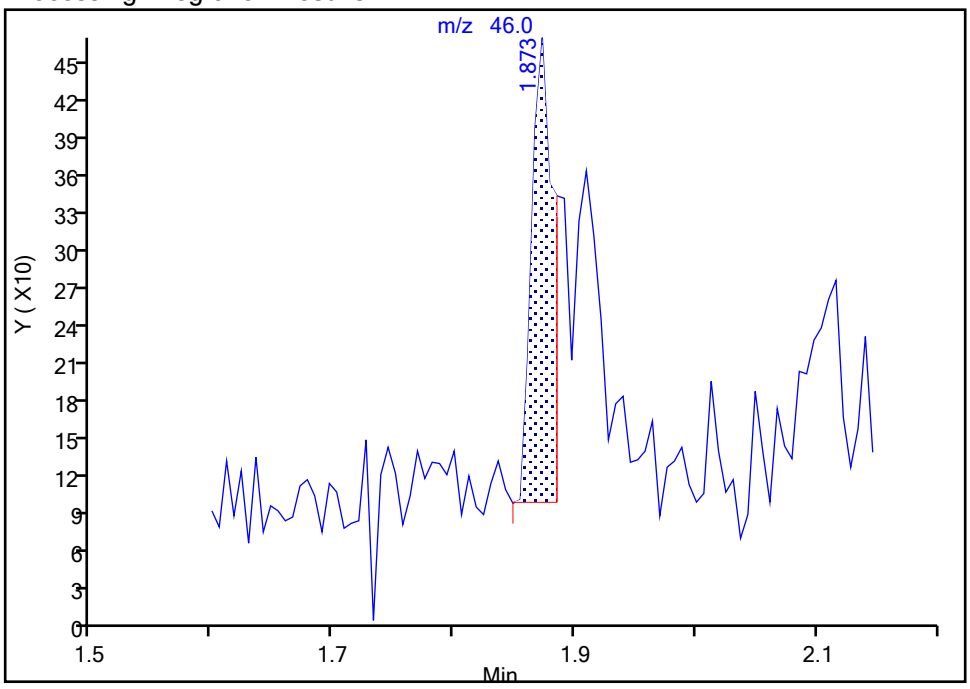
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D
Injection Date: 14-Apr-2023 01:29:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

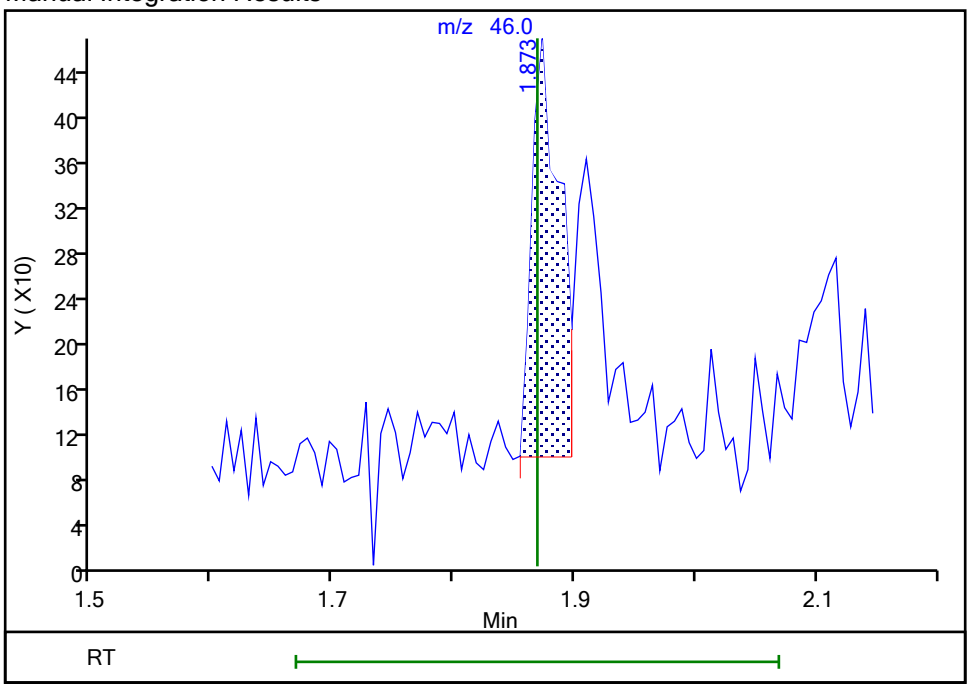
Processing Integration Results

RT: 1.87
Area: 474
Amount: 161.9625
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 598
Amount: 204.0068
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:12:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

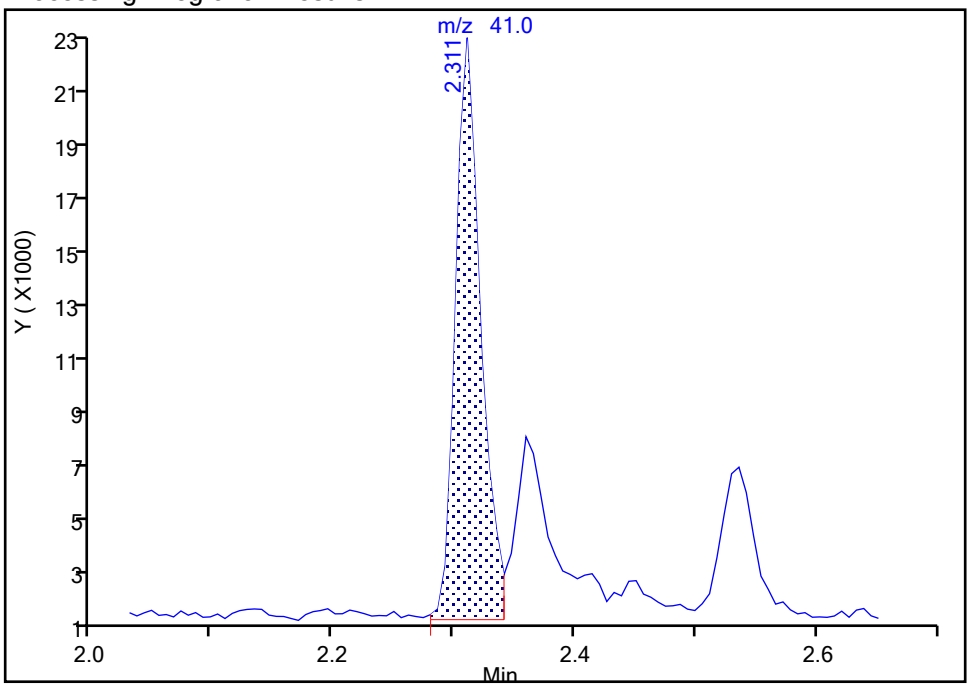
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D
Injection Date: 14-Apr-2023 01:29:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

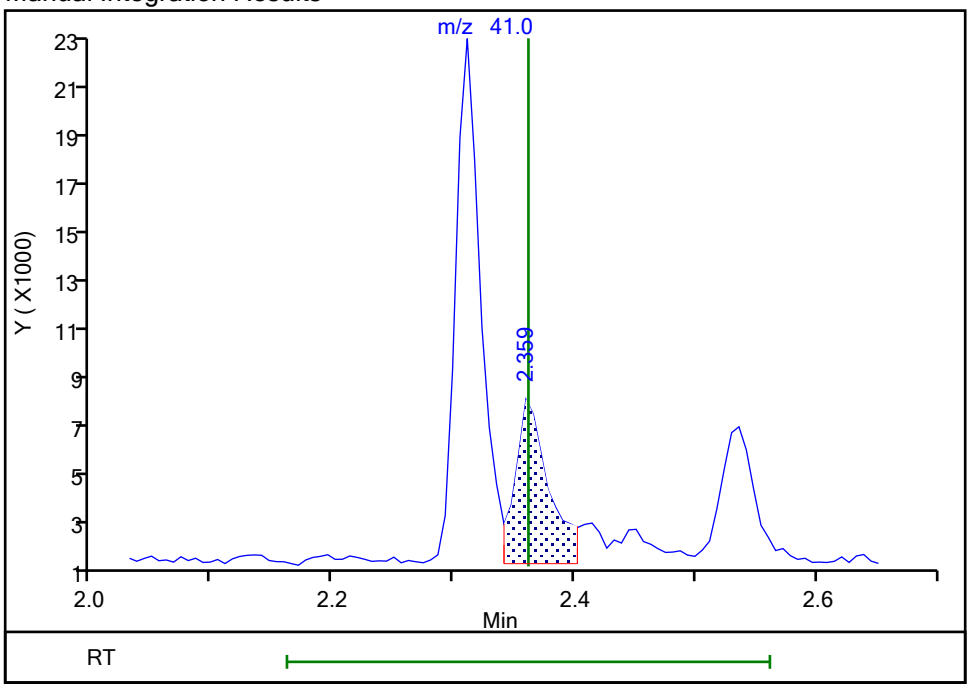
Processing Integration Results

RT: 2.31
Area: 31351
Amount: 111.3266
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 13225
Amount: 45.489057
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:10:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

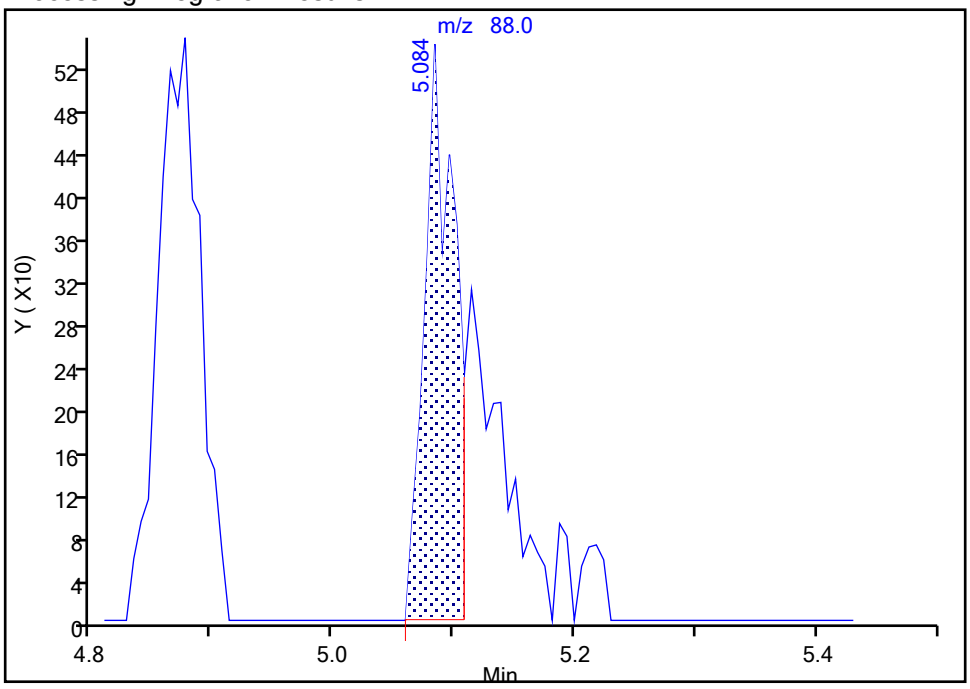
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D
Injection Date: 14-Apr-2023 01:29:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

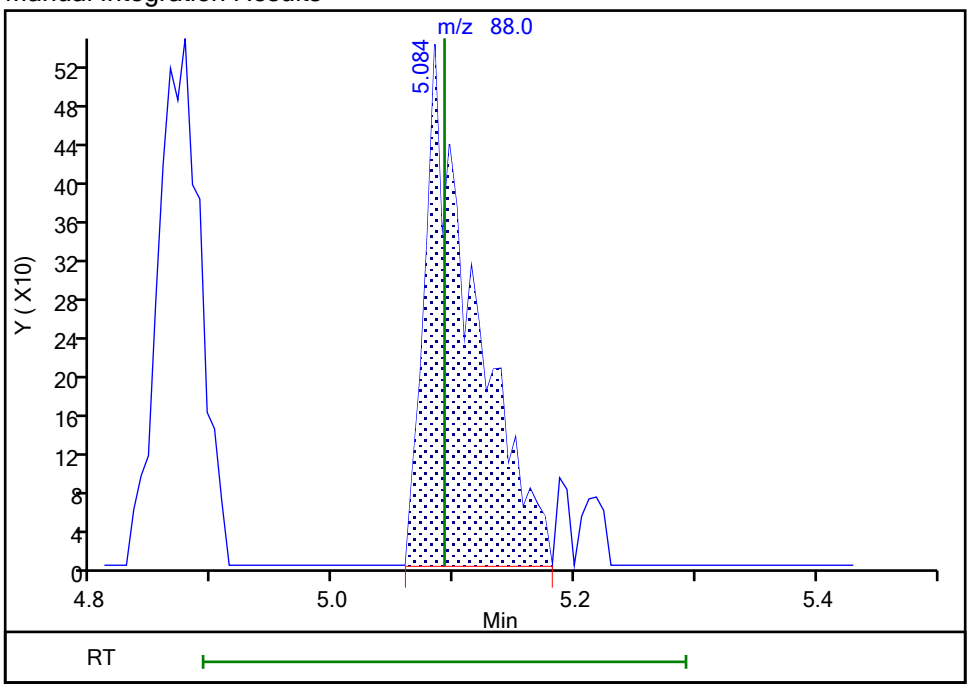
Processing Integration Results

RT: 5.08
Area: 936
Amount: 84.516472
Amount Units: ug/l



Manual Integration Results

RT: 5.08
Area: 1537
Amount: 127.6991
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:11:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88843.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 14-Apr-2023 01:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0159076-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:22 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 12:57:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.133	1.133	0.000	93	4702	20.0	18.6	
4 Dichlorodifluoromethane	85	1.157	1.157	0.000	99	55526	20.0	19.6	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	97	8691	20.0	19.0	
6 Chloromethane	50	1.285	1.285	0.000	99	65249	20.0	19.5	
7 Vinyl chloride	62	1.346	1.346	0.000	98	63572	20.0	19.5	
8 Butadiene	54	1.358	1.358	0.000	95	64692	20.0	19.4	
9 Bromomethane	94	1.559	1.559	0.000	99	25557	20.0	18.1	
10 Chloroethane	64	1.613	1.613	0.000	99	33143	20.0	20.1	
12 Dichlorofluoromethane	67	1.735	1.735	0.000	99	94082	20.0	19.9	
11 Trichlorofluoromethane	101	1.741	1.741	0.000	98	78131	20.0	20.2	
13 Pentane	43	1.772	1.772	0.000	95	173486	40.0	38.4	
14 Ethanol	46	1.869	1.869	0.000	98	2063	800.0	687.6	
15 Ethyl ether	59	1.911	1.911	0.000	92	47090	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	1.930	1.930	0.000	96	52893	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.942	1.942	0.000	96	38872	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.978	1.978	0.000	97	75527	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.033	2.033	0.000	97	48220	20.0	19.0	
19 Acrolein	56	2.039	2.039	0.000	93	12460	40.0	36.0	
21 1,1-Dichloroethene	96	2.070	2.070	0.000	95	46840	20.0	19.0	
22 Acetone	43	2.130	2.130	0.000	85	70384	100.0	93.7	
23 Iodomethane	142	2.191	2.191	0.000	98	61769	20.0	18.7	
25 Isopropyl alcohol	45	2.191	2.191	0.000	41	14887	200.0	180.3	
24 Carbon disulfide	76	2.215	2.215	0.000	100	181460	20.0	19.4	
26 3-Chloro-1-propene	76	2.313	2.313	0.000	94	32333	20.0	19.8	
28 Methyl acetate	43	2.319	2.319	0.000	99	90322	40.0	38.8	
27 Cyclopentene	67	2.331	2.331	0.000	95	118825	20.0	19.3	
29 Acetonitrile	41	2.361	2.361	0.000	97	51434	200.0	172.5	
* 30 TBA-d9 (IS)	65	2.392	2.392	0.000	75	216029	1000.0	1000.0	
31 Methylene Chloride	84	2.410	2.410	0.000	99	55534	20.0	19.6	
32 2-Methyl-2-propanol	59	2.447	2.447	0.000	97	28091	200.0	181.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.532	2.532	0.000	97	160861	20.0	20.0	
34 trans-1,2-Dichloroethene	96	2.562	2.562	0.000	99	55521	20.0	19.3	
35 Acrylonitrile	53	2.617	2.617	0.000	93	189978	200.0	197.2	
36 Hexane	57	2.684	2.684	0.000	93	54931	20.0	19.0	
37 Isopropyl ether	45	2.854	2.854	0.000	99	222650	20.0	19.5	
38 1,1-Dichloroethane	63	2.891	2.891	0.000	99	116900	20.0	20.4	
39 Vinyl acetate	43	2.897	2.897	0.000	100	248494	40.0	43.1	
40 2-Chloro-1,3-butadiene	88	2.927	2.927	0.000	92	51114	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.128	3.128	0.000	87	191492	20.0	20.0	
* 43 2-Butanone-d5	46	3.304	3.304	0.000	98	307465	250.0	250.0	
42 2,2-Dichloropropane	79	3.310	3.310	0.000	96	28508	20.0	18.8	
44 cis-1,2-Dichloroethene	96	3.341	3.341	0.000	94	63213	20.0	19.6	
45 Ethyl acetate	70	3.353	3.353	0.000	95	11750	40.0	38.6	
46 2-Butanone (MEK)	72	3.359	3.359	0.000	94	23648	100.0	97.6	
47 Methyl acrylate	55	3.401	3.401	0.000	99	52568	20.0	20.0	
48 Propionitrile	54	3.474	3.474	0.000	97	63515	200.0	199.7	
50 Chlorobromomethane	128	3.541	3.541	0.000	97	30020	20.0	19.6	
49 Tetrahydrofuran	72	3.547	3.547	0.000	89	12452	40.0	41.8	
51 Methacrylonitrile	67	3.566	3.566	0.000	96	220652	200.0	203.3	
52 Chloroform	83	3.590	3.590	0.000	98	103200	20.0	19.4	
53 Cyclohexane	84	3.705	3.705	0.000	97	67731	20.0	19.1	
54 1,1,1-Trichloroethane	97	3.718	3.718	0.000	99	89039	20.0	19.5	
$ 55 Dibromofluoromethane (Surr)	113	3.736	3.736	0.000	96	143213	50.0	52.1	
56 Carbon tetrachloride	117	3.827	3.827	0.000	97	75696	20.0	18.8	
57 1,1-Dichloropropene	75	3.857	3.857	0.000	95	85317	20.0	19.3	
58 Isobutyl alcohol	43	3.991	3.991	0.000	93	60963	500.0	482.8	
59 Isooctane	57	4.009	4.009	0.000	98	107121	20.0	18.8	
60 Benzene	78	4.046	4.046	0.000	97	245977	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	165017	50.0	51.2	
62 Isopropyl acetate	43	4.101	4.101	0.000	95	197932	20.0	20.1	
63 Tert-amyl methyl ether	55	4.107	4.107	0.000	94	44390	20.0	20.4	
64 1,2-Dichloroethane	62	4.131	4.131	0.000	95	85630	20.0	19.4	
65 n-Heptane	57	4.192	4.192	0.000	98	22573	20.0	18.0	
* 66 Fluorobenzene	96	4.320	4.320	0.000	98	608613	50.0	50.0	
67 n-Butanol	56	4.648	4.648	0.000	96	16436	500.0	498.2	
68 Trichloroethene	95	4.672	4.672	0.000	98	63484	20.0	19.1	
69 Methylcyclohexane	83	4.788	4.788	0.000	88	63348	20.0	19.2	
70 Ethyl acrylate	55	4.800	4.800	0.000	97	135518	20.0	19.6	
71 1,2-Dichloropropane	63	4.958	4.958	0.000	91	71021	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.031	5.031	0.000	0	27293	1000.0	1000.0	
73 Methyl methacrylate	100	5.049	5.049	0.000	96	26973	40.0	38.7	
75 1,4-Dioxane	88	5.092	5.092	0.000	31	5336	400.0	419.7	M
74 Dibromomethane	93	5.092	5.092	0.000	97	40665	20.0	19.6	
76 n-Propyl acetate	43	5.110	5.110	0.000	99	97112	20.0	20.3	
77 Dichlorobromomethane	83	5.250	5.250	0.000	99	81931	20.0	19.3	
78 2-Nitropropane	41	5.609	5.609	0.000	98	31531	40.0	36.8	
79 2-Chloroethyl vinyl ether	63	5.621	5.621	0.000	97	40706	20.0	20.5	
80 Epichlorohydrin	57	5.724	5.724	0.000	99	88852	400.0	403.2	
81 cis-1,3-Dichloropropene	75	5.779	5.779	0.000	95	108148	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.962	5.962	0.000	98	309205	100.0	105.9	
$ 83 Toluene-d8 (Surr)	98	6.035	6.035	0.000	98	513264	50.0	51.2	
84 Toluene	91	6.120	6.120	0.000	93	245248	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.515	6.515	0.000	97	93809	20.0	19.4	
86 Ethyl methacrylate	69	6.564	6.564	0.000	95	73894	20.0	19.8	
87 1,1,2-Trichloroethane	83	6.752	6.752	0.000	96	47586	20.0	19.5	
88 Tetrachloroethene	166	6.783	6.783	0.000	96	57698	20.0	19.2	
89 1,3-Dichloropropane	76	6.983	6.983	0.000	97	88447	20.0	19.6	
90 2-Hexanone	58	7.074	7.074	0.000	99	97206	100.0	103.9	
91 n-Butyl acetate	43	7.214	7.214	0.000	97	105116	20.0	20.7	
92 Chlorodibromomethane	129	7.233	7.233	0.000	98	58491	20.0	19.5	
93 Ethylene Dibromide	107	7.397	7.397	0.000	99	54609	20.0	19.9	
* 94 Chlorobenzene-d5	117	7.987	7.987	0.000	88	425931	50.0	50.0	
95 Chlorobenzene	112	8.023	8.023	0.000	95	146822	20.0	19.7	
96 Ethylbenzene	106	8.133	8.133	0.000	99	76818	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.145	8.145	0.000	96	54301	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.285	8.285	0.000	0	92295	20.0	19.3	
99 o-Xylene	106	8.735	8.735	0.000	93	92544	20.0	19.9	
100 n-Butyl acrylate	73	8.753	8.753	0.000	96	44810	20.0	20.0	
101 Styrene	104	8.771	8.771	0.000	93	151643	20.0	19.8	
103 Bromoform	173	8.984	8.984	0.000	96	34781	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.002	9.002	0.000	87	110276	20.0	20.9	
104 Isopropylbenzene	105	9.118	9.118	0.000	96	203934	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.318	9.318	0.000	94	146801	50.0	51.4	
106 Bromobenzene	156	9.440	9.440	0.000	97	61694	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	9.513	9.513	0.000	98	60368	20.0	20.4	
108 N-Propylbenzene	91	9.525	9.525	0.000	98	229757	20.0	20.3	
109 1,2,3-Trichloropropane	110	9.550	9.550	0.000	97	14574	20.0	20.4	
110 trans-1,4-Dichloro-2-butene	53	9.574	9.574	0.000	91	18035	20.0	19.7	
111 2-Chlorotoluene	91	9.623	9.623	0.000	97	164214	20.0	20.0	
112 4-Ethyltoluene	105	9.641	9.641	0.000	98	186647	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	9.708	9.708	0.000	93	160555	20.0	20.2	
114 4-Chlorotoluene	91	9.738	9.738	0.000	98	165953	20.0	21.0	
115 Butyl Methacrylate	87	9.823	9.823	0.000	96	67264	20.0	20.1	
116 tert-Butylbenzene	119	9.987	9.987	0.000	92	119511	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	10.042	10.042	0.000	98	165835	20.0	19.9	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	160768	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.304	10.304	0.000	96	97322	20.0	20.0	
119 4-Isopropyltoluene	119	10.310	10.310	0.000	98	137185	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	95	203716	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	96	98062	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.407	10.407	0.000	99	173397	20.0	19.9	
124 Benzyl chloride	91	10.517	10.517	0.000	98	108725	20.0	20.1	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	95	174597	20.0	20.1	
126 p-Diethylbenzene	119	10.632	10.632	0.000	92	78930	20.0	19.5	
127 n-Butylbenzene	92	10.650	10.650	0.000	98	64880	20.0	19.8	
128 1,2-Dichlorobenzene	146	10.699	10.699	0.000	96	94338	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.258	11.258	0.000	97	133333	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.337	11.337	0.000	96	11285	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	11.447	11.447	0.000	97	57089	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.927	11.927	0.000	94	53810	20.0	19.6	
133 Hexachlorobutadiene	225	12.006	12.006	0.000	97	19003	20.0	20.5	
134 Naphthalene	128	12.110	12.110	0.000	99	150989	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.286	12.286	0.000	95	47618	20.0	19.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	97.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00066	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00524	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:23 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88843.D

Injection Date: 14-Apr-2023 01:54:30 Instrument ID: CVOAMS8 Operator ID:

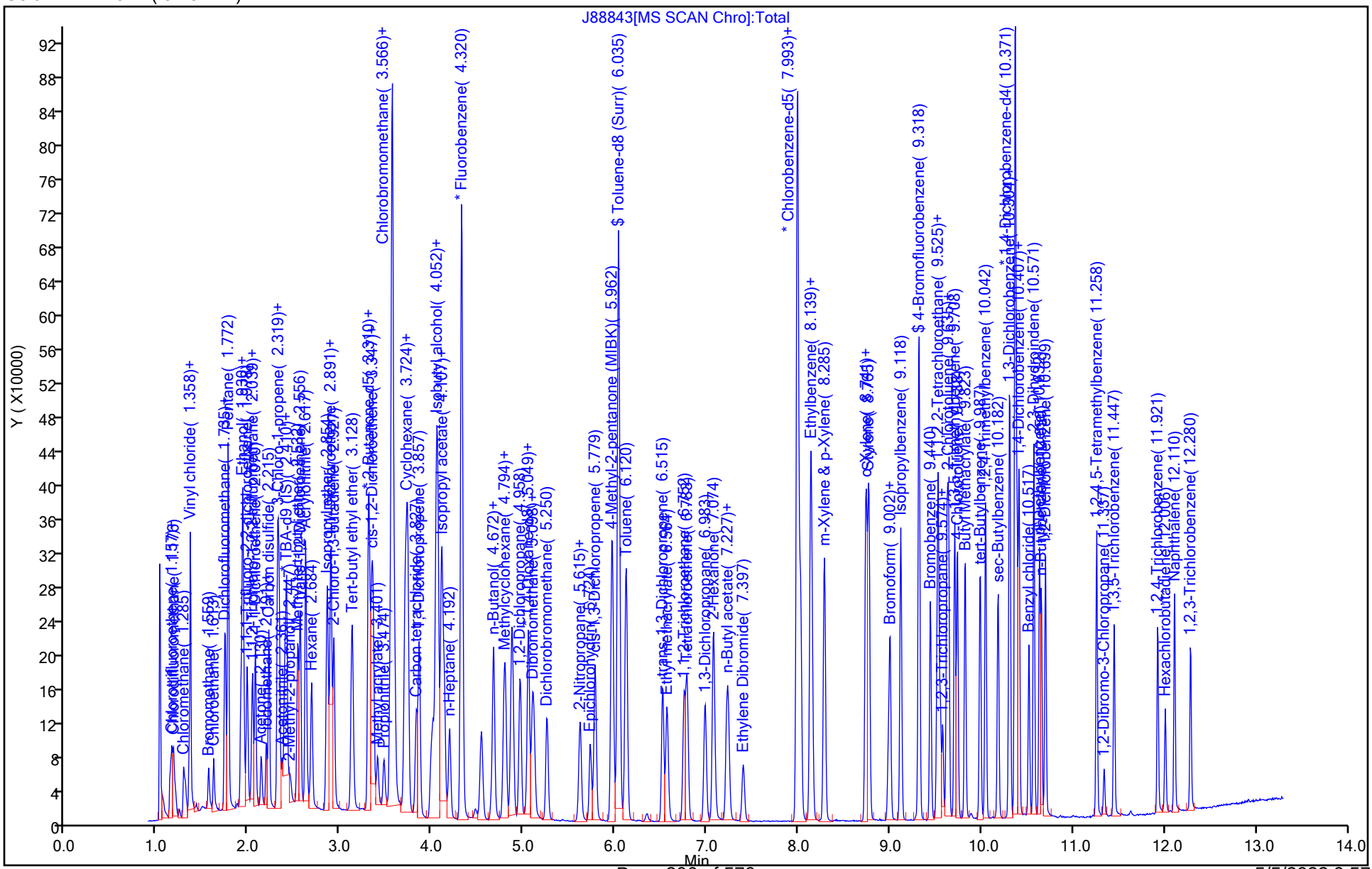
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

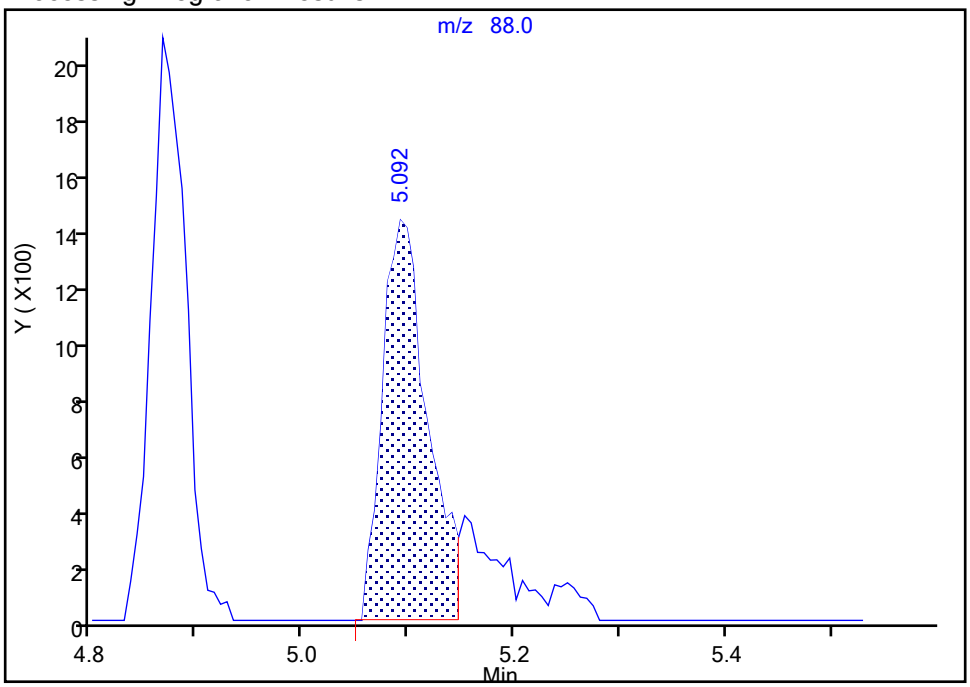
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88843.D
Injection Date: 14-Apr-2023 01:54:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

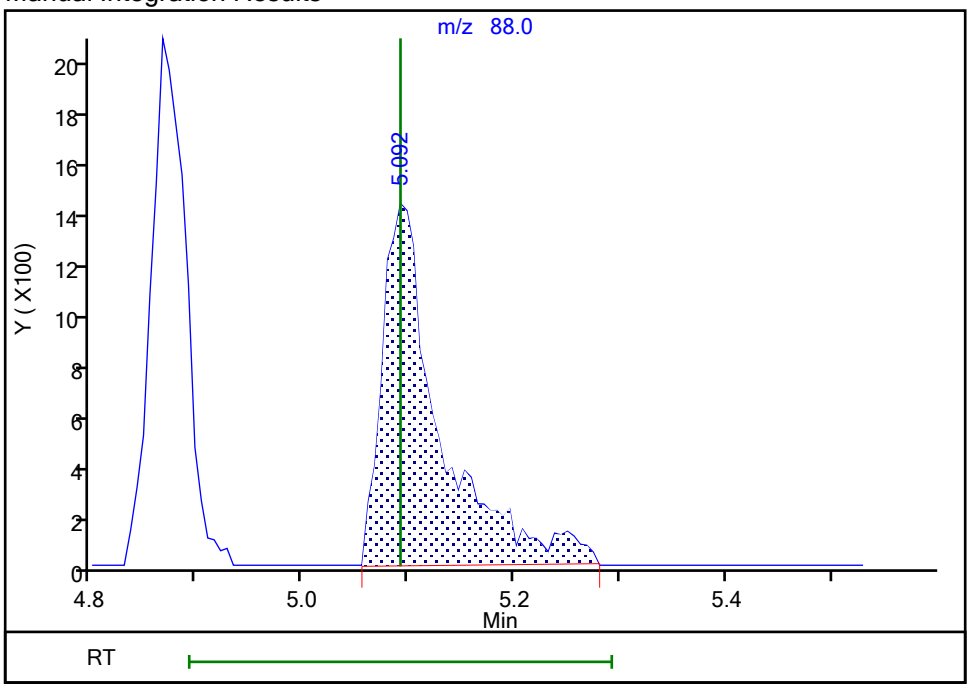
Processing Integration Results

RT: 5.09
Area: 4157
Amount: 336.1434
Amount Units: ug/l



Manual Integration Results

RT: 5.09
Area: 5336
Amount: 419.7310
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:12:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88844.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-Apr-2023 02:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0159076-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 08:36:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.133	1.133	0.000	93	11868	50.0	46.4	
4 Dichlorodifluoromethane	85	1.157	1.157	0.000	99	137164	50.0	47.8	
5 Chlorodifluoromethane	67	1.175	1.176	-0.001	97	22076	50.0	47.5	
6 Chloromethane	50	1.285	1.285	0.000	99	158602	50.0	46.8	
7 Vinyl chloride	62	1.345	1.346	-0.001	97	159737	50.0	48.4	
8 Butadiene	54	1.358	1.358	0.000	95	161024	50.0	47.6	
9 Bromomethane	94	1.558	1.559	-0.001	99	67586	50.0	47.2	
10 Chloroethane	64	1.613	1.613	0.000	98	83352	50.0	49.8	
12 Dichlorofluoromethane	67	1.735	1.735	0.000	98	237639	50.0	49.5	
11 Trichlorofluoromethane	101	1.741	1.741	0.000	98	196259	50.0	50.0	
13 Pentane	43	1.771	1.772	-0.001	96	462802	100.0	101.1	
14 Ethanol	46	1.868	1.869	-0.001	99	6752	2000.0	2263.4	
15 Ethyl ether	59	1.911	1.911	0.000	92	120412	50.0	51.0	
16 2-Methyl-1,3-butadiene	53	1.929	1.930	-0.001	97	142163	50.0	50.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.941	1.942	-0.001	96	100368	50.0	50.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.978	1.978	0.000	97	197528	50.0	50.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.039	2.033	0.006	98	129701	50.0	50.4	
19 Acrolein	56	2.039	2.039	0.000	94	34600	100.0	100.5	
21 1,1-Dichloroethene	96	2.069	2.070	-0.001	95	124204	50.0	49.8	
22 Acetone	43	2.130	2.130	0.000	85	155193	250.0	201.3	
23 Iodomethane	142	2.191	2.191	0.000	98	187973	50.0	56.1	
25 Isopropyl alcohol	45	2.191	2.191	0.000	99	45031	500.0	548.7	
24 Carbon disulfide	76	2.215	2.215	0.000	100	476530	50.0	50.2	
26 3-Chloro-1-propene	76	2.312	2.313	-0.001	94	83864	50.0	50.6	
28 Methyl acetate	43	2.318	2.319	-0.001	99	226978	100.0	98.0	
27 Cyclopentene	67	2.331	2.331	0.000	95	318857	50.0	51.2	
29 Acetonitrile	41	2.361	2.361	0.000	98	155120	500.0	520.1	
* 30 TBA-d9 (IS)	65	2.391	2.392	-0.001	77	214798	1000.0	1000.0	
31 Methylene Chloride	84	2.410	2.410	0.000	99	143744	50.0	50.0	
32 2-Methyl-2-propanol	59	2.452	2.447	0.005	98	76248	500.0	495.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.531	2.532	-0.001	97	406976	50.0	49.8	
34 trans-1,2-Dichloroethene	96	2.562	2.562	0.000	98	146155	50.0	50.2	
35 Acrylonitrile	53	2.616	2.617	-0.001	93	479538	500.0	500.7	
36 Hexane	57	2.683	2.684	-0.001	93	142508	50.0	48.7	
37 Isopropyl ether	45	2.854	2.854	0.000	99	574329	50.0	49.6	
38 1,1-Dichloroethane	63	2.890	2.891	-0.001	99	300293	50.0	51.6	
39 Vinyl acetate	43	2.896	2.897	-0.001	100	584241	100.0	100.0	
40 2-Chloro-1,3-butadiene	88	2.927	2.927	0.000	93	133356	50.0	49.8	
41 Tert-butyl ethyl ether	59	3.127	3.128	-0.001	87	484990	50.0	49.9	
* 43 2-Butanone-d5	46	3.304	3.304	0.000	89	315616	250.0	250.0	
42 2,2-Dichloropropane	79	3.316	3.310	0.006	96	72883	50.0	47.5	
44 cis-1,2-Dichloroethene	96	3.340	3.341	-0.001	93	163999	50.0	50.2	
45 Ethyl acetate	70	3.352	3.353	-0.001	95	29492	100.0	94.5	
46 2-Butanone (MEK)	72	3.352	3.359	-0.007	94	61009	250.0	245.4	
47 Methyl acrylate	55	3.401	3.401	0.000	99	129339	50.0	48.5	
48 Propionitrile	54	3.474	3.474	0.000	97	159734	500.0	505.2	
50 Chlorobromomethane	128	3.541	3.541	0.000	96	76183	50.0	49.1	
49 Tetrahydrofuran	72	3.547	3.547	0.000	92	29841	100.0	97.6	
51 Methacrylonitrile	67	3.565	3.566	-0.001	97	565234	500.0	513.8	
52 Chloroform	83	3.589	3.590	-0.001	98	271791	50.0	50.3	
53 Cyclohexane	84	3.705	3.705	0.000	96	172157	50.0	47.8	
54 1,1,1-Trichloroethane	97	3.717	3.718	-0.001	99	225321	50.0	48.7	
$ 55 Dibromofluoromethane (Surr)	113	3.735	3.736	-0.001	96	140473	50.0	50.4	
56 Carbon tetrachloride	117	3.827	3.827	0.000	98	199471	50.0	48.8	
57 1,1-Dichloropropene	75	3.857	3.857	0.000	95	223444	50.0	49.8	
58 Isobutyl alcohol	43	3.991	3.991	0.000	93	164487	1250.0	1310.2	
59 Isooctane	57	4.009	4.009	0.000	96	286391	50.0	49.6	
60 Benzene	78	4.046	4.046	0.000	98	637571	50.0	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	163133	50.0	49.9	
62 Isopropyl acetate	43	4.100	4.101	-0.001	95	501328	50.0	50.1	
63 Tert-amyl methyl ether	55	4.106	4.107	-0.001	92	115238	50.0	52.3	
64 1,2-Dichloroethane	62	4.137	4.131	0.006	96	224095	50.0	50.0	
65 n-Heptane	57	4.191	4.192	-0.001	98	61302	50.0	48.3	
* 66 Fluorobenzene	96	4.319	4.320	-0.001	98	616978	50.0	50.0	
67 n-Butanol	56	4.648	4.648	0.000	92	50254	1250.0	1505.6	
68 Trichloroethene	95	4.672	4.672	0.000	98	167008	50.0	49.5	
69 Methylcyclohexane	83	4.787	4.788	-0.001	94	169873	50.0	50.7	
70 Ethyl acrylate	55	4.800	4.800	0.000	98	354783	50.0	50.6	
71 1,2-Dichloropropane	63	4.958	4.958	0.000	90	183324	50.0	49.5	
* 72 1,4-Dioxane-d8	96	5.031	5.031	0.000	0	27380	1000.0	1000.0	
73 Methyl methacrylate	100	5.049	5.049	0.000	95	70757	100.0	100.2	
75 1,4-Dioxane	88	5.092	5.092	0.000	35	13642	1000.0	1069.7	
74 Dibromomethane	93	5.092	5.092	0.000	97	103752	50.0	49.4	
76 n-Propyl acetate	43	5.110	5.110	0.000	99	248517	50.0	51.2	
77 Dichlorobromomethane	83	5.256	5.250	0.006	99	216577	50.0	50.3	
78 2-Nitropropane	41	5.608	5.609	-0.001	98	78566	100.0	92.2	
79 2-Chloroethyl vinyl ether	63	5.615	5.621	-0.007	97	103578	50.1	51.4	
80 Epichlorohydrin	57	5.724	5.724	0.000	99	226822	1000.0	1002.8	
81 cis-1,3-Dichloropropene	75	5.779	5.779	0.000	95	279916	50.0	49.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.961	5.962	-0.001	98	774660	250.0	258.5	
$ 83 Toluene-d8 (Surr)	98	6.034	6.035	-0.001	99	511844	50.0	50.2	
84 Toluene	91	6.119	6.120	-0.001	93	628883	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.515	6.515	0.000	98	245839	50.0	50.1	
86 Ethyl methacrylate	69	6.563	6.564	-0.001	96	192656	50.0	51.0	
87 1,1,2-Trichloroethane	83	6.752	6.752	0.000	96	122472	50.0	49.5	
88 Tetrachloroethene	166	6.782	6.783	-0.001	97	150732	50.0	49.3	
89 1,3-Dichloropropane	76	6.983	6.983	0.000	98	228439	50.0	49.9	
90 2-Hexanone	58	7.074	7.074	0.000	99	245219	250.0	255.4	
91 n-Butyl acetate	43	7.214	7.214	0.000	97	263277	50.0	51.2	
92 Chlorodibromomethane	129	7.238	7.233	0.005	98	153118	50.0	50.2	
93 Ethylene Dibromide	107	7.396	7.397	-0.001	98	140407	50.0	50.3	
* 94 Chlorobenzene-d5	117	7.986	7.987	-0.001	88	432536	50.0	50.0	
95 Chlorobenzene	112	8.023	8.023	0.000	94	378960	50.0	50.1	
96 Ethylbenzene	106	8.132	8.133	-0.001	99	196982	50.0	49.6	
97 1,1,1,2-Tetrachloroethane	131	8.150	8.145	0.005	96	140130	50.0	50.7	
98 m-Xylene & p-Xylene	106	8.284	8.285	-0.001	0	238664	50.0	49.2	
99 o-Xylene	106	8.734	8.735	-0.001	94	238695	50.0	50.4	
100 n-Butyl acrylate	73	8.752	8.753	-0.001	96	114565	50.0	50.3	
101 Styrene	104	8.771	8.771	0.000	93	394529	50.0	50.7	
103 Bromoform	173	8.984	8.984	0.000	96	92974	50.0	49.2	
102 Amyl acetate (mixed isomers)	43	9.002	9.002	0.000	87	283284	50.0	53.4	
104 Isopropylbenzene	105	9.117	9.118	-0.001	96	521696	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	9.318	9.318	0.000	93	145127	50.0	50.0	
106 Bromobenzene	156	9.440	9.440	0.000	95	156775	50.0	51.0	
107 1,1,2,2-Tetrachloroethane	83	9.513	9.513	0.000	98	148738	50.0	50.0	
108 N-Propylbenzene	91	9.525	9.525	0.000	99	596353	50.0	52.5	
109 1,2,3-Trichloropropane	110	9.549	9.550	-0.001	96	36288	50.0	50.6	
110 trans-1,4-Dichloro-2-butene	53	9.573	9.574	-0.001	90	45710	50.0	49.6	
111 2-Chlorotoluene	91	9.622	9.623	-0.001	98	433322	50.0	52.5	
112 4-Ethyltoluene	105	9.640	9.641	-0.001	98	491132	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	9.707	9.708	-0.001	92	412729	50.0	51.8	
114 4-Chlorotoluene	91	9.738	9.738	0.000	98	399364	50.0	50.2	
115 Butyl Methacrylate	87	9.823	9.823	0.000	96	175545	50.0	52.2	
116 tert-Butylbenzene	119	9.987	9.987	0.000	93	309057	50.0	51.6	
117 1,2,4-Trimethylbenzene	105	10.042	10.042	0.000	98	430451	50.0	51.4	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	417963	50.0	51.5	
120 1,3-Dichlorobenzene	146	10.303	10.304	-0.001	95	249674	50.0	51.0	
119 4-Isopropyltoluene	119	10.309	10.310	-0.001	98	361170	50.0	52.1	
* 121 1,4-Dichlorobenzene-d4	152	10.370	10.371	-0.001	95	204794	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.388	10.389	-0.001	95	255108	50.0	49.7	
123 1,2,3-Trimethylbenzene	105	10.407	10.407	0.000	99	446635	50.0	51.0	
124 Benzyl chloride	91	10.516	10.517	0.000	98	271027	50.0	49.8	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	95	439422	50.0	50.4	
126 p-Diethylbenzene	119	10.632	10.632	0.000	92	205157	50.0	50.5	
127 n-Butylbenzene	92	10.656	10.650	0.006	98	162673	50.0	49.4	
128 1,2-Dichlorobenzene	146	10.699	10.699	-0.001	96	240932	50.0	50.4	
129 1,2,4,5-Tetramethylbenzene	119	11.258	11.258	0.000	97	341029	50.0	50.5	
130 1,2-Dibromo-3-Chloropropane	157	11.337	11.337	0.000	96	27938	50.0	48.7	
131 1,3,5-Trichlorobenzene	180	11.447	11.447	-0.001	98	145336	50.0	49.7	
132 1,2,4-Trichlorobenzene	180	11.927	11.927	0.000	94	136497	50.0	49.4	
133 Hexachlorobutadiene	225	12.006	12.006	0.000	97	43472	50.0	46.6	
134 Naphthalene	128	12.109	12.110	-0.001	99	382483	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	12.286	12.286	0.000	95	123460	50.0	49.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	99.6	
S 138 Total BTEX	1				0		250.0	248.2	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00168	Amount Added:	50.00	Units: uL	
524freon_00066	Amount Added:	50.00	Units: uL	
ACROLEIN W_00151	Amount Added:	10.00	Units: uL	
GASES Li_00524	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:31 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88844.D

Injection Date: 14-Apr-2023 02:19:30 Instrument ID: CVOAMS8 Operator ID:

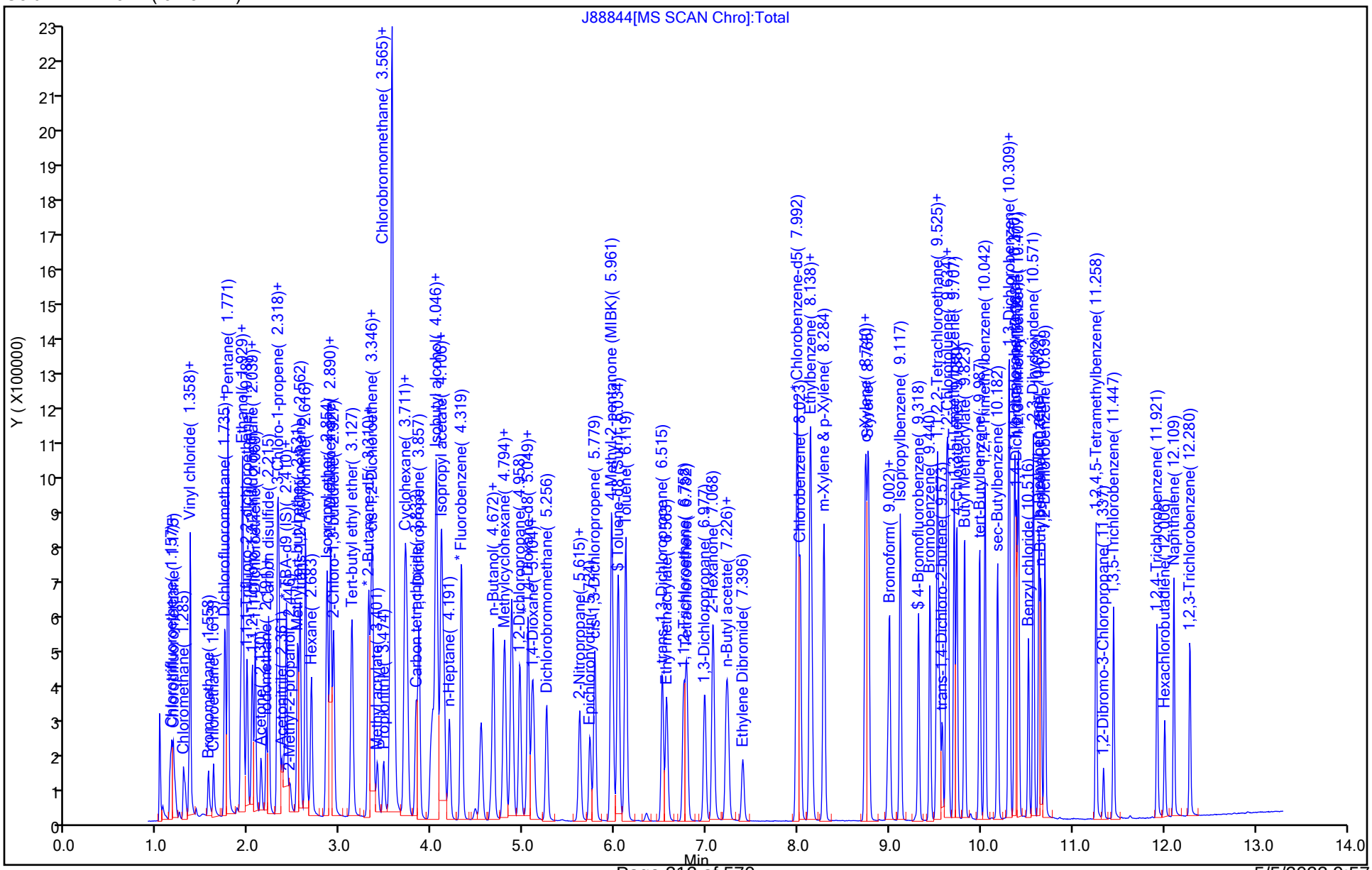
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88845.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-Apr-2023 02:44:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0159076-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:38 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	92	51713	200.0	202.1	
4 Dichlorodifluoromethane	85	1.160	1.157	0.003	99	674028	200.0	235.0	
5 Chlorodifluoromethane	67	1.179	1.176	0.003	97	90977	200.0	195.6	
6 Chloromethane	50	1.288	1.285	0.003	99	682744	200.0	201.5	
7 Vinyl chloride	62	1.349	1.346	0.003	98	668028	200.0	202.2	
8 Butadiene	54	1.361	1.358	0.003	95	677725	200.0	200.2	
9 Bromomethane	94	1.556	1.559	-0.003	99	310326	200.0	216.6	
10 Chloroethane	64	1.610	1.613	-0.003	98	328779	200.0	196.2	
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	99	925955	200.0	192.8	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	98	763072	200.0	194.1	
13 Pentane	43	1.768	1.772	-0.004	95	1832304	400.0	400.1	
14 Ethanol	46	1.872	1.869	0.003	97	21924	8000.0	7491.5	
15 Ethyl ether	59	1.908	1.911	-0.003	92	466877	200.0	197.6	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	99	558434	200.0	198.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.945	1.942	0.003	96	395930	200.0	197.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.981	1.978	0.003	97	738366	200.0	188.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	98	529238	200.0	205.5	
19 Acrolein	56	2.042	2.039	0.003	94	70984	200.0	210.1	
21 1,1-Dichloroethene	96	2.073	2.070	0.003	95	476239	200.0	190.9	
22 Acetone	43	2.133	2.130	0.003	85	856868	1000.0	1099.8	
23 Iodomethane	142	2.188	2.191	-0.003	99	767817	200.0	229.1	
25 Isopropyl alcohol	45	2.194	2.191	0.003	99	151158	2000.0	1877.3	
24 Carbon disulfide	76	2.219	2.215	0.003	100	1820090	200.0	191.4	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	95	315343	200.0	190.1	
28 Methyl acetate	43	2.316	2.319	-0.003	99	921502	400.0	405.7	
27 Cyclopentene	67	2.328	2.331	-0.003	96	1281765	200.0	205.6	
29 Acetonitrile	41	2.358	2.361	-0.003	98	598806	2000.0	1997.2	a
* 30 TBA-d9 (IS)	65	2.395	2.392	0.003	84	210723	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	99	553609	200.0	192.3	
32 2-Methyl-2-propanol	59	2.450	2.447	0.003	98	274381	2000.0	1815.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	98	1605798	200.0	196.6	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	98	567996	200.0	194.9	
35 Acrylonitrile	53	2.620	2.617	0.003	92	1850096	2000.0	1969.0	
36 Hexane	57	2.681	2.684	-0.003	94	571145	200.0	195.1	
37 Isopropyl ether	45	2.851	2.854	-0.003	99	2198116	200.0	189.7	
38 1,1-Dichloroethane	63	2.887	2.891	-0.004	99	1092880	200.0	187.7	
39 Vinyl acetate	43	2.894	2.897	-0.003	100	2067855	400.0	353.8	
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	93	521546	200.0	194.5	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	87	1883016	200.0	193.5	
* 43 2-Butanone-d5	46	3.307	3.304	0.003	81	318891	250.0	250.0	
42 2,2-Dichloropropane	79	3.313	3.310	0.003	97	288201	200.0	187.8	
44 cis-1,2-Dichloroethene	96	3.337	3.341	-0.004	94	612127	200.0	187.1	
45 Ethyl acetate	70	3.356	3.353	0.003	96	112283	400.0	356.0	
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	95	252797	1000.0	1006.3	
47 Methyl acrylate	55	3.404	3.401	0.003	99	504387	200.0	189.0	
48 Propionitrile	54	3.477	3.474	0.003	97	604495	2000.0	1948.9	
50 Chlorobromomethane	128	3.544	3.541	0.003	94	288771	200.0	185.8	
49 Tetrahydrofuran	72	3.544	3.547	-0.003	84	105898	400.0	342.8	
51 Methacrylonitrile	67	3.569	3.566	0.003	96	2172564	2000.0	1973.6	
52 Chloroform	83	3.593	3.590	0.003	98	1084079	200.0	200.4	
53 Cyclohexane	84	3.702	3.705	-0.003	97	744265	200.0	206.4	
54 1,1,1-Trichloroethane	97	3.721	3.718	0.003	98	936076	200.0	202.1	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.736	-0.003	96	120381	50.0	43.2	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	826094	200.0	201.9	
57 1,1-Dichloropropene	75	3.860	3.857	0.003	95	901711	200.0	200.9	
58 Isobutyl alcohol	43	3.988	3.991	-0.003	93	638632	5000.0	5185.3	
59 Isooctane	57	4.012	4.009	0.003	95	1136123	200.0	196.6	
60 Benzene	78	4.043	4.046	-0.003	98	2471731	200.0	196.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.064	-0.003	0	145043	50.0	44.4	
62 Isopropyl acetate	43	4.104	4.101	0.003	95	1960673	200.0	195.9	
63 Tert-amyl methyl ether	55	4.110	4.107	0.003	93	450443	200.0	204.1	
64 1,2-Dichloroethane	62	4.134	4.131	0.003	96	887050	200.0	197.6	
65 n-Heptane	57	4.189	4.192	-0.003	98	252959	200.0	199.4	
* 66 Fluorobenzene	96	4.323	4.320	0.003	98	617388	50.0	50.0	
67 n-Butanol	56	4.645	4.648	-0.003	94	170357	5000.0	4915.0	
68 Trichloroethene	95	4.669	4.672	-0.003	98	666401	200.0	197.4	
69 Methylcyclohexane	83	4.791	4.788	0.003	83	686149	200.0	204.6	
70 Ethyl acrylate	55	4.797	4.800	-0.003	98	1402721	200.0	199.9	
71 1,2-Dichloropropane	63	4.961	4.958	0.003	90	732681	200.0	197.8	
* 72 1,4-Dioxane-d8	96	5.034	5.031	0.003	0	27809	1000.0	1000.0	
73 Methyl methacrylate	100	5.052	5.049	0.003	95	276272	400.0	390.9	
75 1,4-Dioxane	88	5.089	5.092	-0.003	37	44770	4000.0	3456.3	
74 Dibromomethane	93	5.095	5.092	0.003	97	412239	200.0	196.1	
76 n-Propyl acetate	43	5.113	5.110	0.003	99	959266	200.0	197.5	
77 Dichlorobromomethane	83	5.253	5.250	0.003	99	868560	200.0	201.5	
78 2-Nitropropane	41	5.606	5.609	-0.003	99	314042	400.0	375.6	
79 2-Chloroethyl vinyl ether	63	5.618	5.621	-0.003	84	397597	200.5	197.0	
80 Epichlorohydrin	57	5.727	5.724	0.003	99	889355	4000.0	3891.6	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	95	1116223	200.0	202.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.965	5.962	0.003	98	2917784	1000.0	963.8	
$ 83 Toluene-d8 (Surr)	98	6.038	6.035	0.003	98	435929	50.0	43.8	
84 Toluene	91	6.117	6.120	-0.003	93	2461139	200.0	197.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	97	978868	200.0	204.0	
86 Ethyl methacrylate	69	6.567	6.564	0.003	96	745175	200.0	197.0	
87 1,1,2-Trichloroethane	83	6.749	6.752	-0.003	96	477970	200.0	197.7	
88 Tetrachloroethene	166	6.786	6.783	0.003	96	591904	200.0	197.9	
89 1,3-Dichloropropane	76	6.980	6.983	-0.003	98	881503	200.0	197.0	
90 2-Hexanone	58	7.071	7.074	-0.003	99	974431	1000.0	1004.4	
91 n-Butyl acetate	43	7.217	7.214	0.003	97	1000513	200.0	198.8	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	617260	200.0	207.0	
93 Ethylene Dibromide	107	7.400	7.397	0.003	99	545957	200.0	200.1	
* 94 Chlorobenzene-d5	117	7.990	7.987	0.003	87	422984	50.0	50.0	
95 Chlorobenzene	112	8.026	8.023	0.003	93	1468086	200.0	198.5	
96 Ethylbenzene	106	8.136	8.133	0.003	99	774011	200.0	199.1	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	96	547756	200.0	202.7	
98 m-Xylene & p-Xylene	106	8.288	8.285	0.003	0	908470	200.0	191.5	
99 o-Xylene	106	8.738	8.735	0.003	93	906045	200.0	195.8	
100 n-Butyl acrylate	73	8.756	8.753	0.003	97	433433	200.0	194.7	
101 Styrene	104	8.774	8.771	0.003	93	1525667	200.0	200.3	
103 Bromoform	173	8.987	8.984	0.003	97	379552	200.0	205.6	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	1060408	200.0	198.6	
104 Isopropylbenzene	105	9.121	9.118	0.003	97	1967030	200.0	194.2	
$ 105 4-Bromofluorobenzene	174	9.321	9.318	0.003	95	122072	50.0	43.0	
106 Bromobenzene	156	9.443	9.440	0.003	95	617827	200.0	199.7	
107 1,1,2,2-Tetrachloroethane	83	9.516	9.513	0.003	99	592575	200.0	197.7	
108 N-Propylbenzene	91	9.528	9.525	0.003	99	2250035	200.0	196.7	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	97	142691	200.0	197.8	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	92	177840	200.0	191.8	
111 2-Chlorotoluene	91	9.626	9.623	0.003	98	1646587	200.0	198.2	
112 4-Ethyltoluene	105	9.644	9.641	0.003	98	1835127	200.0	193.4	
113 1,3,5-Trimethylbenzene	105	9.711	9.708	0.003	92	1564531	200.0	194.9	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	1602492	200.0	200.0	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	96	670081	200.0	197.9	
116 tert-Butylbenzene	119	9.984	9.987	-0.003	93	1146712	200.0	190.3	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	1628890	200.0	193.1	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	1569948	200.0	192.2	
120 1,3-Dichlorobenzene	146	10.307	10.304	0.003	95	995534	200.0	201.9	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	97	1372119	200.0	196.7	
* 121 1,4-Dichlorobenzene-d4	152	10.367	10.371	-0.004	96	206171	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.392	10.389	0.003	94	1025608	200.0	198.5	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	99	1721369	200.0	195.1	
124 Benzyl chloride	91	10.520	10.517	0.004	98	1090595	200.0	199.0	
125 2,3-Dihydroindene	117	10.574	10.571	0.003	95	1729463	200.0	197.1	
126 p-Diethylbenzene	119	10.635	10.632	0.003	93	796201	200.0	194.7	
127 n-Butylbenzene	92	10.653	10.650	0.003	98	652526	200.0	196.6	
128 1,2-Dichlorobenzene	146	10.702	10.699	0.003	96	974470	200.0	202.5	
129 1,2,4,5-Tetramethylbenzene	119	11.255	11.258	-0.003	97	1332082	200.0	195.8	
130 1,2-Dibromo-3-Chloropropane	157	11.341	11.337	0.003	97	115971	200.0	200.7	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	98	576347	200.0	195.9	
132 1,2,4-Trichlorobenzene	180	11.924	11.927	-0.003	94	555333	200.0	199.8	
133 Hexachlorobutadiene	225	12.009	12.006	0.003	97	175237	200.0	186.5	
134 Naphthalene	128	12.107	12.110	-0.003	99	1502232	200.0	195.0	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	95	495385	200.0	196.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	382.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	387.3	
S 138 Total BTEX	1				0		1000.0	980.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MIX 2 Hi_00134	Amount Added:	20.00	Units: uL	
MIX I Hi_00161	Amount Added:	20.00	Units: uL	
8FreonHi_00055	Amount Added:	20.00	Units: uL	
GAS Hi_00440	Amount Added:	20.00	Units: uL	
Ethanol mix_00075	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88845.D

Injection Date: 14-Apr-2023 02:44:30 Instrument ID: CVOAMS8 Operator ID:

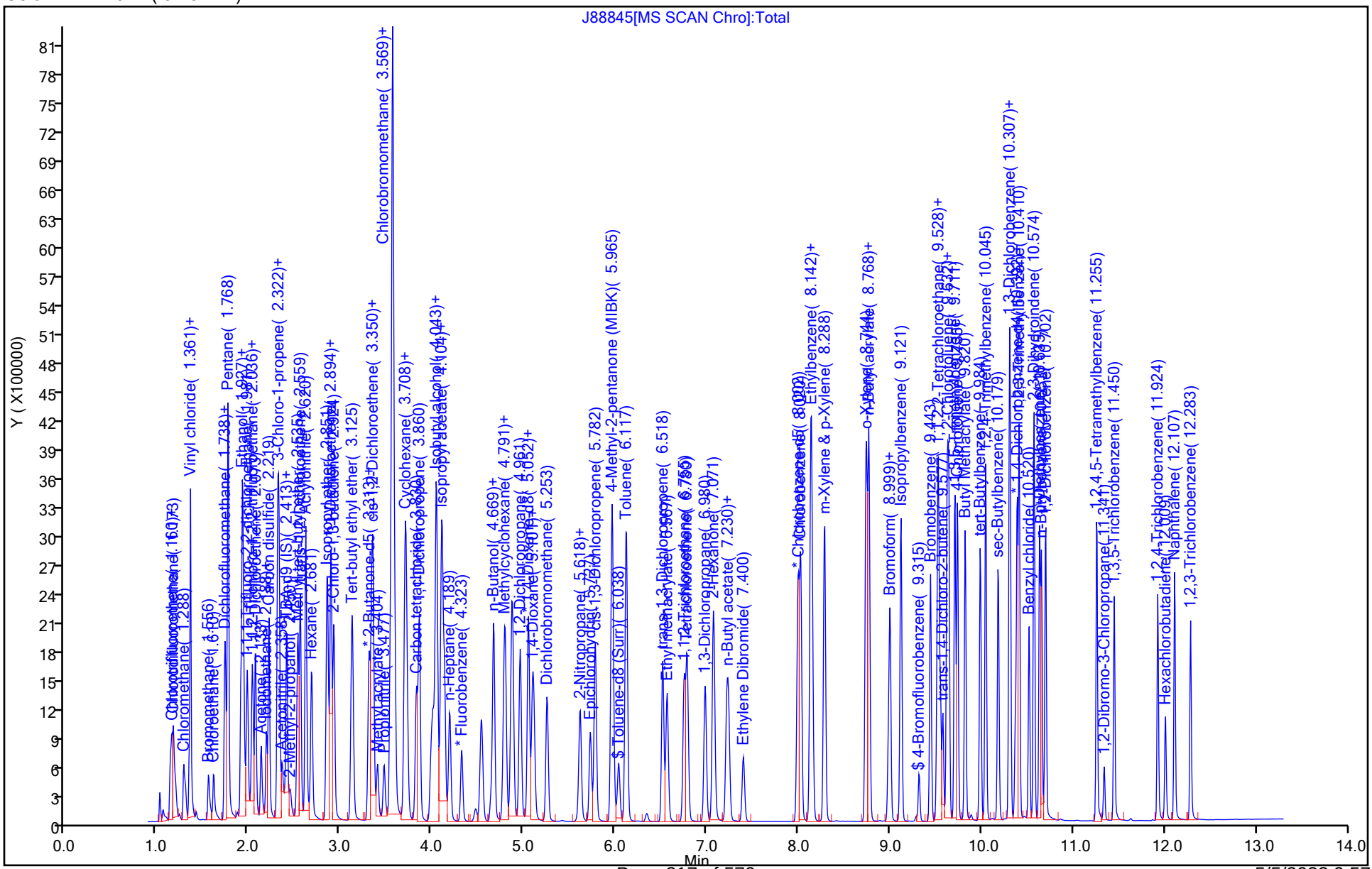
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

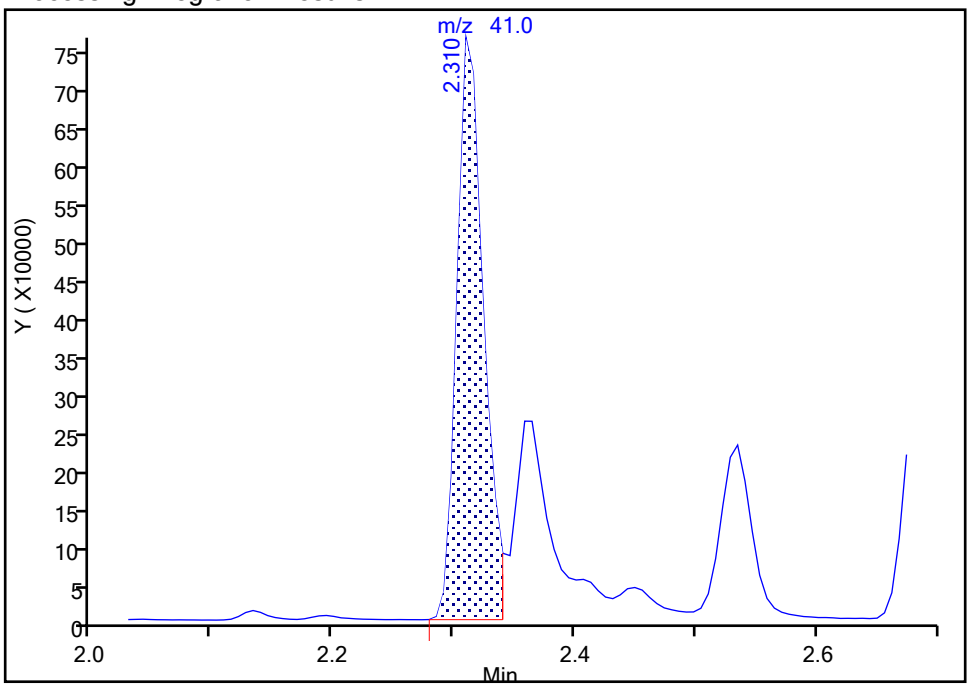
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88845.D
Injection Date: 14-Apr-2023 02:44:30 Instrument ID: CVOAMS8
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

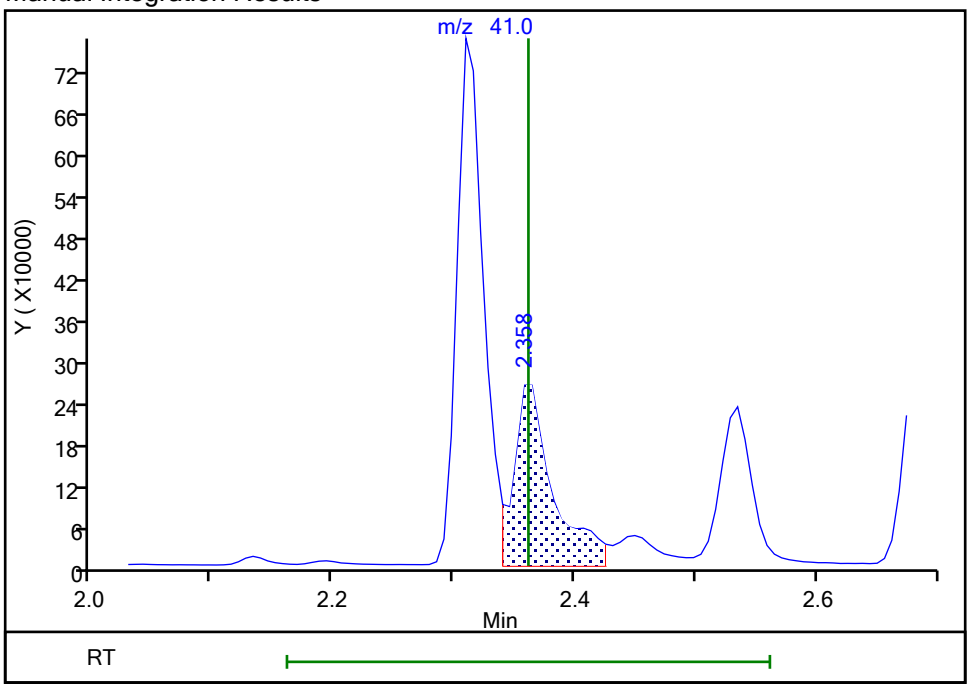
Processing Integration Results

RT: 2.31
Area: 1181372
Amount: 3521.3141
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 598806
Amount: 1997.1743
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:15:05
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-Apr-2023 03:09:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0159076-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:46 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:12:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.133	0.004	91	133543	500.0	524.5	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	99	1643228	500.0	575.8	
5 Chlorodifluoromethane	67	1.174	1.176	-0.002	97	234662	500.0	507.1	
6 Chloromethane	50	1.283	1.285	-0.002	99	1802176	500.0	534.5	
7 Vinyl chloride	62	1.350	1.346	0.004	98	1681596	500.0	511.5	
8 Butadiene	54	1.362	1.358	0.004	95	1633556	500.0	485.1	
9 Bromomethane	94	1.557	1.559	-0.002	99	896402	500.0	628.8	
10 Chloroethane	64	1.611	1.613	-0.002	98	803289	500.0	481.8	
12 Dichlorofluoromethane	67	1.733	1.735	-0.002	98	2321021	500.0	485.6	
11 Trichlorofluoromethane	101	1.745	1.741	0.004	98	1828544	500.0	467.6	
13 Pentane	43	1.770	1.772	-0.002	95	4160388	1000.0	912.9	
14 Ethanol	46	1.873	1.869	0.004	97	75099	20000	25475	
15 Ethyl ether	59	1.909	1.911	-0.002	93	1145521	500.0	487.3	
16 2-Methyl-1,3-butadiene	53	1.928	1.930	-0.002	98	1407605	500.0	502.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.946	1.942	0.004	95	961703	500.0	482.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	96	1800496	500.0	461.6	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.037	2.033	0.004	98	1199275	500.0	467.9	
19 Acrolein	56	2.043	2.039	0.004	94	145490	400.0	427.5	
21 1,1-Dichloroethene	96	2.074	2.070	0.004	96	1161053	500.0	467.8	
22 Acetone	43	2.134	2.130	0.004	85	2022817	2500.0	2513.0	
23 Iodomethane	142	2.189	2.191	-0.002	99	1841191	500.0	552.2	
25 Isopropyl alcohol	45	2.195	2.191	0.004	99	441542	5000.0	5444.0	
24 Carbon disulfide	76	2.220	2.215	0.005	100	4417580	500.0	467.0	
26 3-Chloro-1-propene	76	2.311	2.313	-0.002	95	745250	500.0	451.6	
28 Methyl acetate	43	2.317	2.319	-0.002	100	2329221	1000.0	1018.0	
27 Cyclopentene	67	2.329	2.331	-0.002	96	2889244	500.0	465.7	
29 Acetonitrile	41	2.359	2.361	-0.002	97	1584341	5000.0	5000.3	a
* 30 TBA-d9 (IS)	65	2.396	2.392	0.004	77	212263	1000.0	1000.0	
31 Methylene Chloride	84	2.414	2.410	0.004	99	1372896	500.0	479.2	
32 2-Methyl-2-propanol	59	2.451	2.447	0.004	98	773683	5000.0	5082.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.536	2.532	0.004	98	4079978	500.0	501.9	
34 trans-1,2-Dichloroethene	96	2.560	2.562	-0.002	98	1363511	500.0	470.2	
35 Acrylonitrile	53	2.621	2.617	0.004	92	4628810	5000.0	4890.6	
36 Hexane	57	2.682	2.684	-0.002	93	1394417	500.0	478.8	
37 Isopropyl ether	45	2.852	2.854	-0.002	99	5425072	500.0	470.5	
38 1,1-Dichloroethane	63	2.895	2.891	0.004	99	2633687	500.0	454.7	
39 Vinyl acetate	43	2.895	2.897	-0.002	100	4702367	1000.0	808.6	
40 2-Chloro-1,3-butadiene	88	2.925	2.927	-0.002	92	1326850	500.0	497.3	
41 Tert-butyl ethyl ether	59	3.126	3.128	-0.002	88	4703532	500.0	485.8	
* 43 2-Butanone-d5	46	3.308	3.304	0.004	84	329468	250.0	250.0	
42 2,2-Dichloropropane	79	3.314	3.310	0.004	97	698106	500.0	457.1	
44 cis-1,2-Dichloroethene	96	3.339	3.341	-0.002	95	1509556	500.0	463.7	
45 Ethyl acetate	70	3.357	3.353	0.004	96	281187	1000.0	863.0	
46 2-Butanone (MEK)	72	3.357	3.359	-0.002	95	647250	2500.0	2493.8	
47 Methyl acrylate	55	3.405	3.401	0.004	99	1264389	500.0	476.1	
48 Propionitrile	54	3.478	3.474	0.004	97	1552656	5000.0	4969.6	
50 Chlorobromomethane	128	3.545	3.541	0.004	95	717530	500.0	464.0	
49 Tetrahydrofuran	72	3.545	3.547	-0.002	64	270100	1000.0	846.2	
51 Methacrylonitrile	67	3.576	3.566	0.010	94	4937868	5000.0	4508.3	
52 Chloroform	83	3.594	3.590	0.004	98	2404118	500.0	446.8	
53 Cyclohexane	84	3.703	3.705	-0.002	97	1784334	500.0	497.4	
54 1,1,1-Trichloroethane	97	3.722	3.718	0.004	98	2311981	500.0	501.7	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.736	0.004	97	136085	50.0	49.1	
56 Carbon tetrachloride	117	3.831	3.827	0.004	98	2039878	500.0	501.2	
57 1,1-Dichloropropene	75	3.862	3.857	0.005	95	2256334	500.0	505.2	
58 Isobutyl alcohol	43	3.989	3.991	-0.002	94	1609549	12500	12974	
59 Isooctane	57	4.014	4.009	0.005	94	2893231	500.0	503.2	a
60 Benzene	78	4.044	4.046	-0.002	98	6012502	500.0	504.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.068	4.064	0.004	0	160510	50.0	49.3	
62 Isopropyl acetate	43	4.105	4.101	0.004	96	4825809	500.0	484.7	
63 Tert-amyl methyl ether	55	4.111	4.107	0.004	93	1126020	500.0	512.8	
64 1,2-Dichloroethane	62	4.141	4.131	0.010	96	2051051	500.0	459.3	
65 n-Heptane	57	4.190	4.192	-0.002	98	628303	500.0	497.7	
* 66 Fluorobenzene	96	4.324	4.320	0.004	98	614284	50.0	50.0	
67 n-Butanol	56	4.646	4.648	-0.002	94	490501	12500	12509	
68 Trichloroethene	95	4.670	4.672	-0.002	97	1669344	500.0	497.0	
69 Methylcyclohexane	83	4.792	4.788	0.004	85	1615464	500.0	484.1	
70 Ethyl acrylate	55	4.798	4.800	-0.002	98	3296220	500.0	472.2	
71 1,2-Dichloropropane	63	4.962	4.958	0.004	90	1773437	500.0	481.3	
* 72 1,4-Dioxane-d8	96	5.035	5.031	0.004	0	34286	1000.0	1000.0	
73 Methyl methacrylate	100	5.053	5.049	0.004	95	668381	1000.0	950.5	
75 1,4-Dioxane	88	5.090	5.092	-0.002	81	141916	10000	8886.3	
74 Dibromomethane	93	5.096	5.092	0.004	97	944959	500.0	451.9	
76 n-Propyl acetate	43	5.114	5.110	0.004	99	2256995	500.0	467.0	
77 Dichlorobromomethane	83	5.254	5.250	0.004	99	2113279	500.0	492.6	
78 2-Nitropropane	41	5.613	5.609	0.004	99	752690	1000.0	893.8	
79 2-Chloroethyl vinyl ether	63	5.619	5.621	-0.002	97	946206	501.2	471.3	
80 Epichlorohydrin	57	5.729	5.724	0.004	98	2130163	10000	9021.9	
81 cis-1,3-Dichloropropene	75	5.783	5.779	0.004	95	2659058	500.0	509.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.972	5.962	0.010	98	6500085	2500.0	2078.1	
$ 83 Toluene-d8 (Surr)	98	6.039	6.035	0.004	98	492850	50.0	52.2	
84 Toluene	91	6.124	6.120	0.004	94	5746873	500.0	487.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.519	6.515	0.004	98	2271300	500.0	499.4	
86 Ethyl methacrylate	69	6.568	6.564	0.004	95	1706401	500.0	453.4	
87 1,1,2-Trichloroethane	83	6.756	6.752	0.004	96	1134949	500.0	495.3	
88 Tetrachloroethene	166	6.787	6.783	0.004	96	1413073	500.0	498.5	
89 1,3-Dichloropropane	76	6.981	6.983	-0.002	98	2058515	500.0	485.4	
90 2-Hexanone	58	7.079	7.074	0.005	99	2247304	2500.0	2242.1	
91 n-Butyl acetate	43	7.218	7.214	0.004	97	2261047	500.0	474.1	
92 Chlorodibromomethane	129	7.237	7.233	0.004	98	1469622	500.0	520.0	
93 Ethylene Dibromide	107	7.401	7.397	0.004	98	1291058	500.0	499.5	
* 94 Chlorobenzene-d5	117	7.991	7.987	0.004	89	400832	50.0	50.0	
95 Chlorobenzene	112	8.027	8.023	0.004	93	3412362	500.0	486.8	
96 Ethylbenzene	106	8.137	8.133	0.004	99	1783760	500.0	484.3	
97 1,1,1,2-Tetrachloroethane	131	8.155	8.145	0.010	96	1262077	500.0	492.8	
98 m-Xylene & p-Xylene	106	8.289	8.285	0.004	0	2149692	500.0	478.2	
99 o-Xylene	106	8.739	8.735	0.004	93	2124262	500.0	484.4	
100 n-Butyl acrylate	73	8.757	8.753	0.004	97	1048392	500.0	497.0	
101 Styrene	104	8.775	8.771	0.004	92	3580348	500.0	496.1	
103 Bromoform	173	8.988	8.984	0.004	96	969331	500.0	554.0	
102 Amyl acetate (mixed isomers)	43	9.000	9.002	-0.002	88	2597168	500.0	446.9	
104 Isopropylbenzene	105	9.122	9.118	0.004	97	4535812	500.0	472.5	
$ 105 4-Bromofluorobenzene	174	9.316	9.318	-0.002	93	142121	50.0	52.9	
106 Bromobenzene	156	9.444	9.440	0.004	95	1564860	500.0	464.7	
107 1,1,2,2-Tetrachloroethane	83	9.517	9.513	0.004	99	1516511	500.0	464.7	
108 N-Propylbenzene	91	9.529	9.525	0.004	99	5432251	500.0	436.2	
109 1,2,3-Trichloropropane	110	9.554	9.550	0.004	98	364075	500.0	463.6	
110 trans-1,4-Dichloro-2-butene	53	9.578	9.574	0.004	91	463354	500.0	459.0	
111 2-Chlorotoluene	91	9.627	9.623	0.004	98	4076025	500.0	450.5	
112 4-Ethyltoluene	105	9.645	9.641	0.004	97	4515597	500.0	437.2	
113 1,3,5-Trimethylbenzene	105	9.712	9.708	0.004	93	3946661	500.0	451.6	
114 4-Chlorotoluene	91	9.742	9.738	0.004	97	4094769	500.0	469.3	
115 Butyl Methacrylate	87	9.821	9.823	-0.002	96	1764395	500.0	478.6	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	92	2882007	500.0	439.2	
117 1,2,4-Trimethylbenzene	105	10.046	10.042	0.004	98	4175901	500.0	454.6	
118 sec-Butylbenzene	105	10.186	10.182	0.004	98	4006712	500.0	450.5	
120 1,3-Dichlorobenzene	146	10.302	10.304	-0.002	98	2621850	500.0	488.3	
119 4-Isopropyltoluene	119	10.314	10.310	0.004	97	3555945	500.0	468.2	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.371	-0.002	96	224469	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.393	10.389	0.004	94	2736609	500.0	486.6	
123 1,2,3-Trimethylbenzene	105	10.411	10.407	0.004	99	4463301	500.0	464.7	
124 Benzyl chloride	91	10.521	10.517	0.005	98	2884946	500.0	483.4	
125 2,3-Dihydroindene	117	10.575	10.571	0.004	95	4340032	500.0	454.4	
126 p-Diethylbenzene	119	10.636	10.632	0.004	92	2151148	500.0	483.3	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	1750926	500.0	484.6	
128 1,2-Dichlorobenzene	146	10.703	10.699	0.004	95	2566170	500.0	489.9	
129 1,2,4,5-Tetramethylbenzene	119	11.263	11.258	0.004	97	3466264	500.0	467.9	
130 1,2-Dibromo-3-Chloropropane	157	11.342	11.337	0.005	96	313215	500.0	497.9	
131 1,3,5-Trichlorobenzene	180	11.451	11.447	0.004	98	1544550	500.0	482.3	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	94	1507052	500.0	497.9	
133 Hexachlorobutadiene	225	12.011	12.006	0.005	97	512744	500.0	501.2	
134 Naphthalene	128	12.108	12.110	-0.002	98	3922411	500.0	467.6	
135 1,2,3-Trichlorobenzene	180	12.284	12.286	-0.002	96	1362829	500.0	497.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	933.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	962.5	
S 138 Total BTEX	1				0		2500.0	2438.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00134	Amount Added:	50.00	Units: uL	
MIX I Hi_00161	Amount Added:	50.00	Units: uL	
8FreonHi_00055	Amount Added:	50.00	Units: uL	
GAS Hi_00440	Amount Added:	50.00	Units: uL	
Ethanol mix_00075	Amount Added:	50.00	Units: uL	
ACROLEIN W_00151	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:46 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Injection Date: 14-Apr-2023 03:09:30 Instrument ID: CVOAMS8 Operator ID:

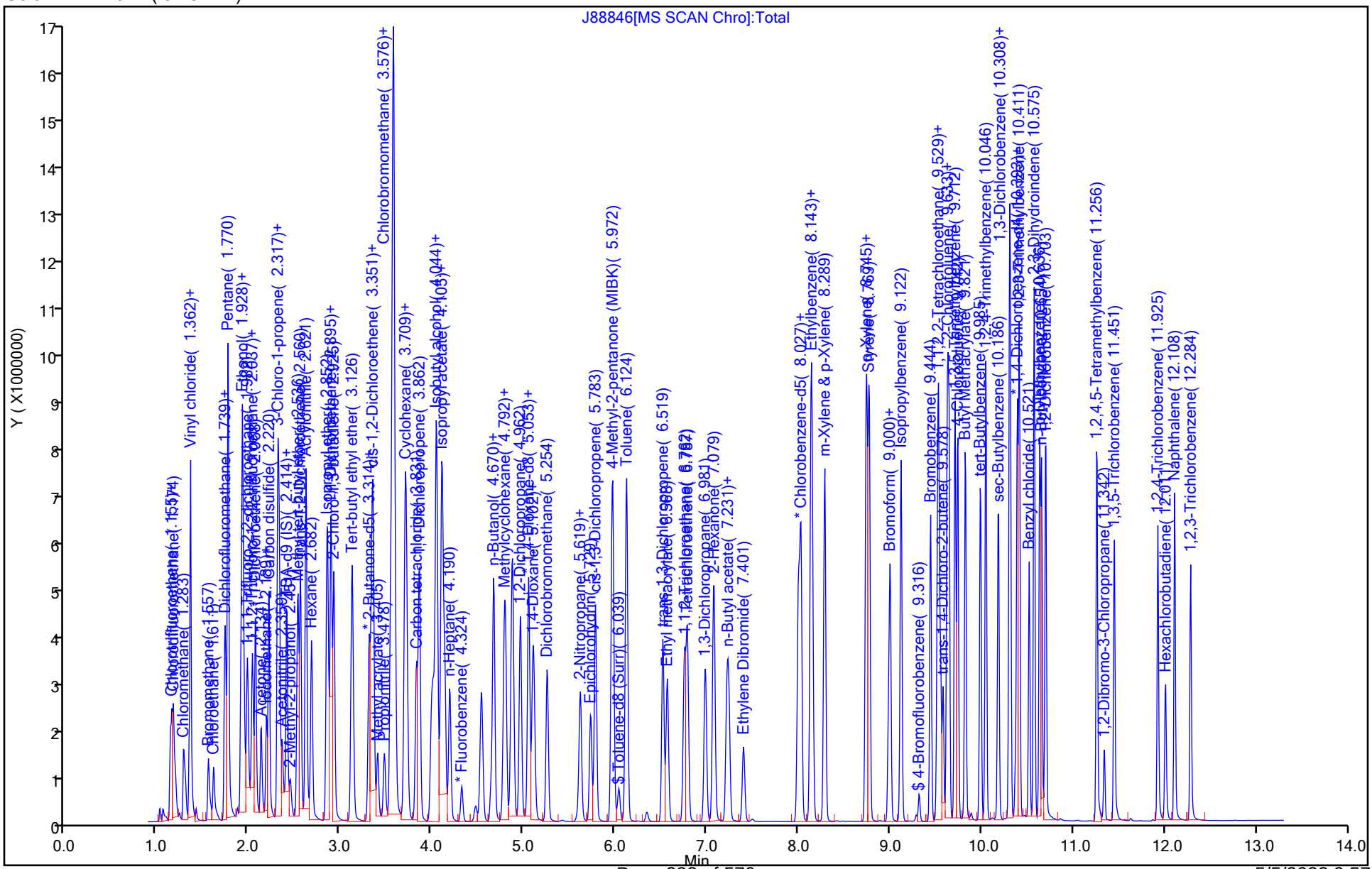
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

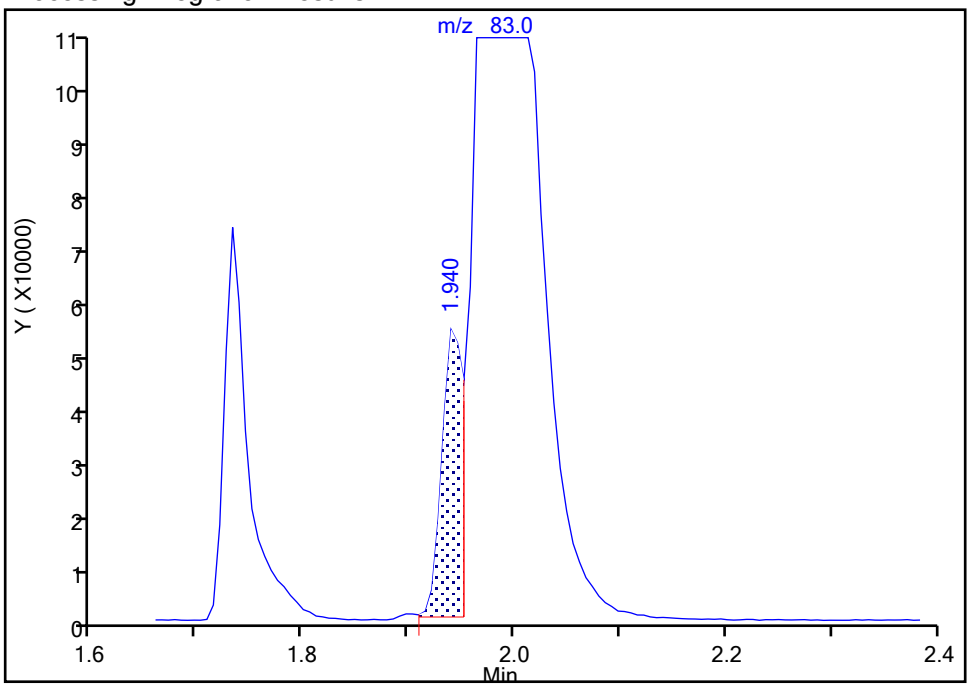
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D
Injection Date: 14-Apr-2023 03:09:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

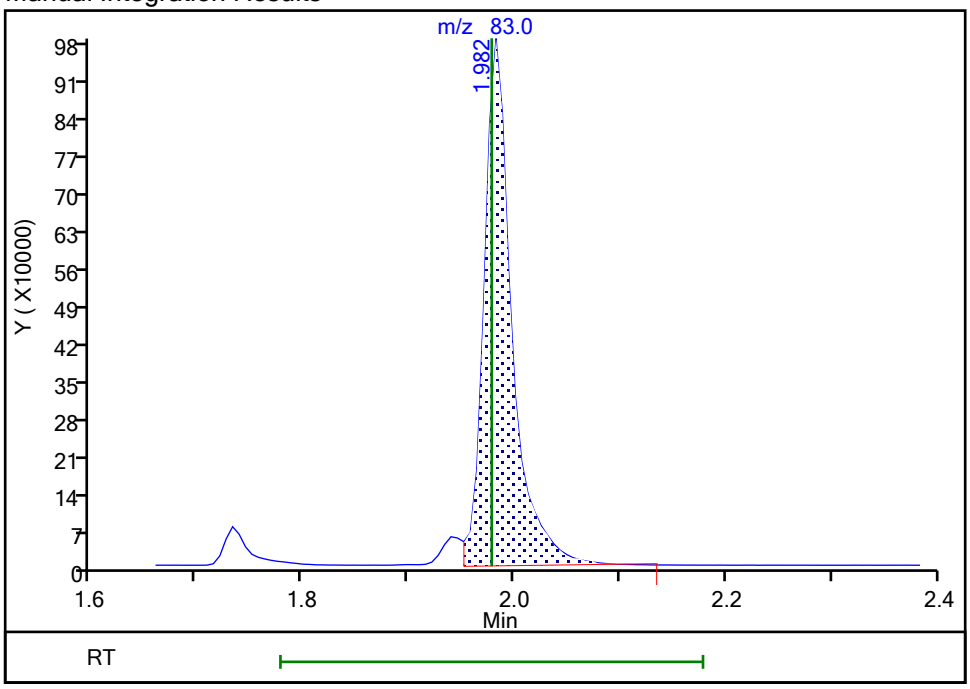
Processing Integration Results

RT: 1.94
Area: 76656
Amount: 23.022537
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 1800496
Amount: 461.6324
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:16:10
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

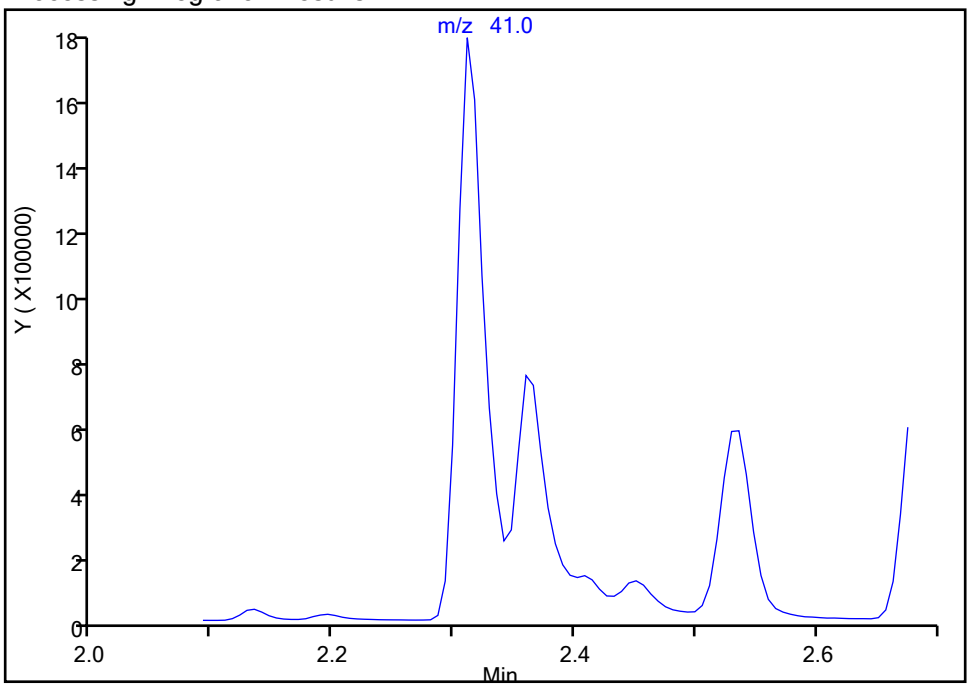
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D
Injection Date: 14-Apr-2023 03:09:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

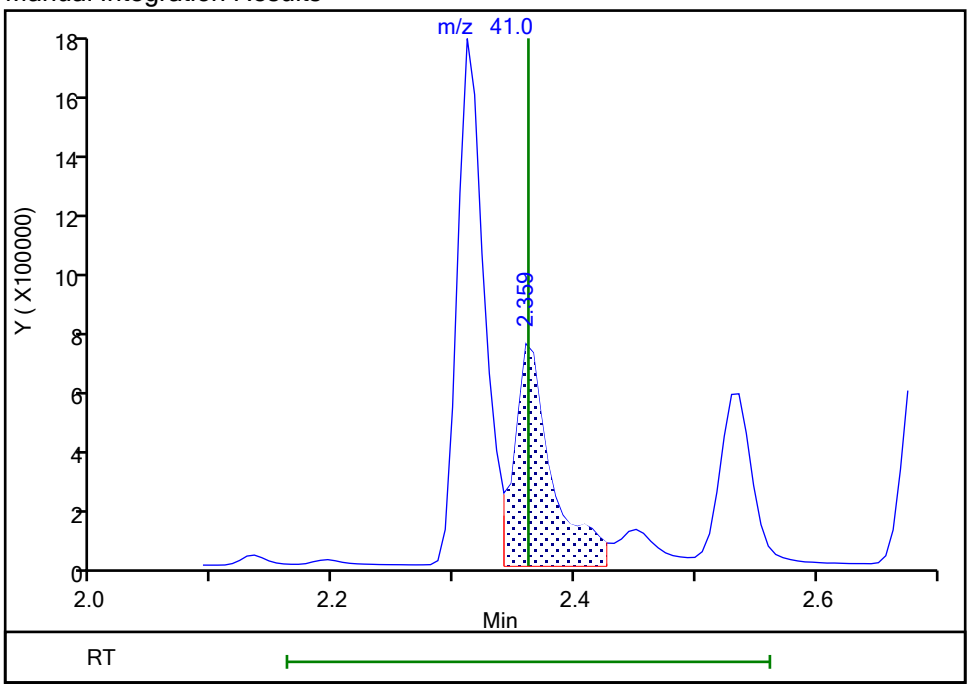
Not Detected
Expected RT: 2.36

Processing Integration Results



Manual Integration Results

RT: 2.36
Area: 1584341
Amount: 5000.2762
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:16:18
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

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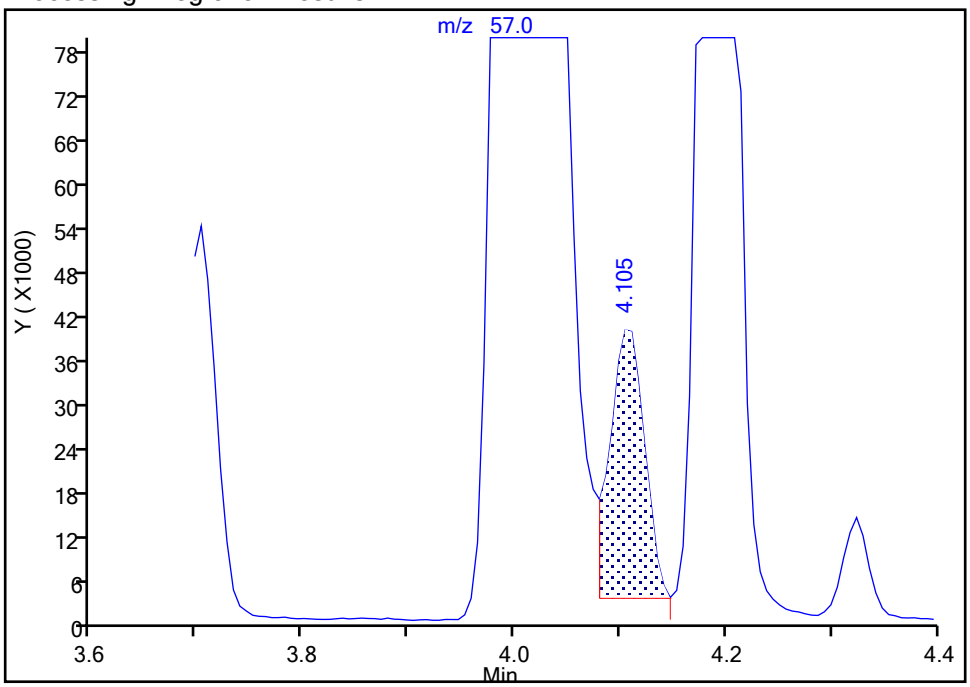
Injection Date: 14-Apr-2023 03:09:30 Instrument ID: CVOAMS8
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

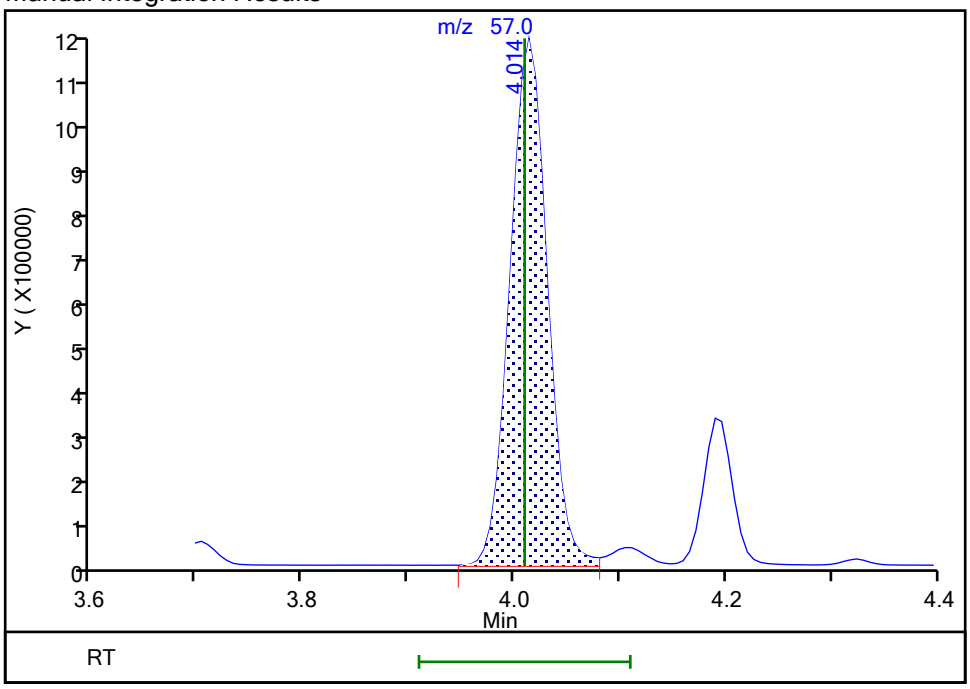
Processing Integration Results

RT: 4.10
Area: 84096
Amount: 17.450992
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 2893231
Amount: 503.2042
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:16:34
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

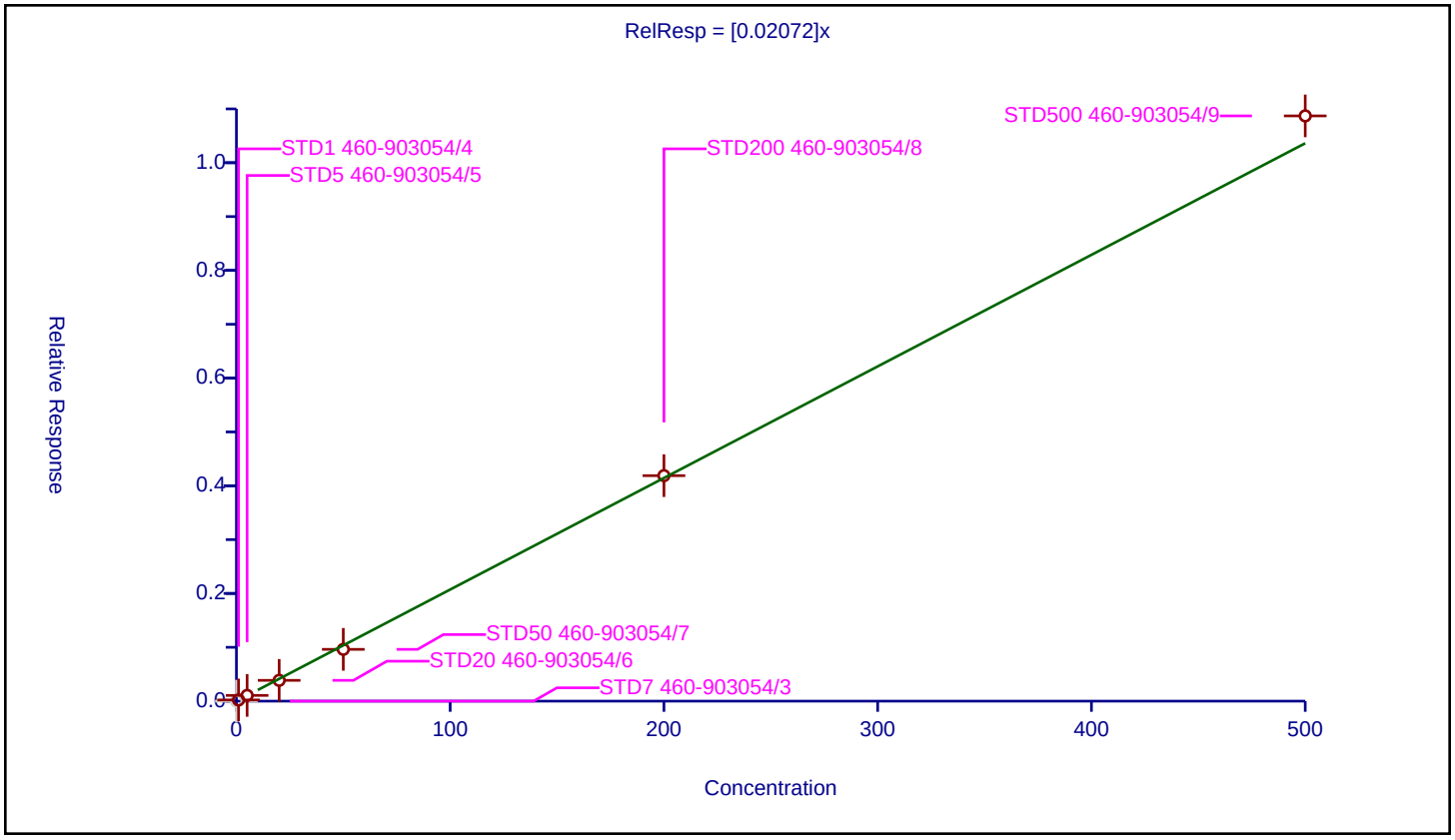
Curve Coefficients

Intercept:	0
Slope:	0.02072

Error Coefficients

Standard Error:	64300
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.021823	50.0	597986.0	0.021823	Y
3	STD5 460-903054/5	5.0	0.106422	50.0	601847.0	0.021284	Y
4	STD20 460-903054/6	20.0	0.386288	50.0	608613.0	0.019314	Y
5	STD50 460-903054/7	50.0	0.961785	50.0	616978.0	0.019236	Y
6	STD200 460-903054/8	200.0	4.188047	50.0	617388.0	0.02094	Y
7	STD500 460-903054/9	500.0	10.869809	50.0	614284.0	0.02174	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

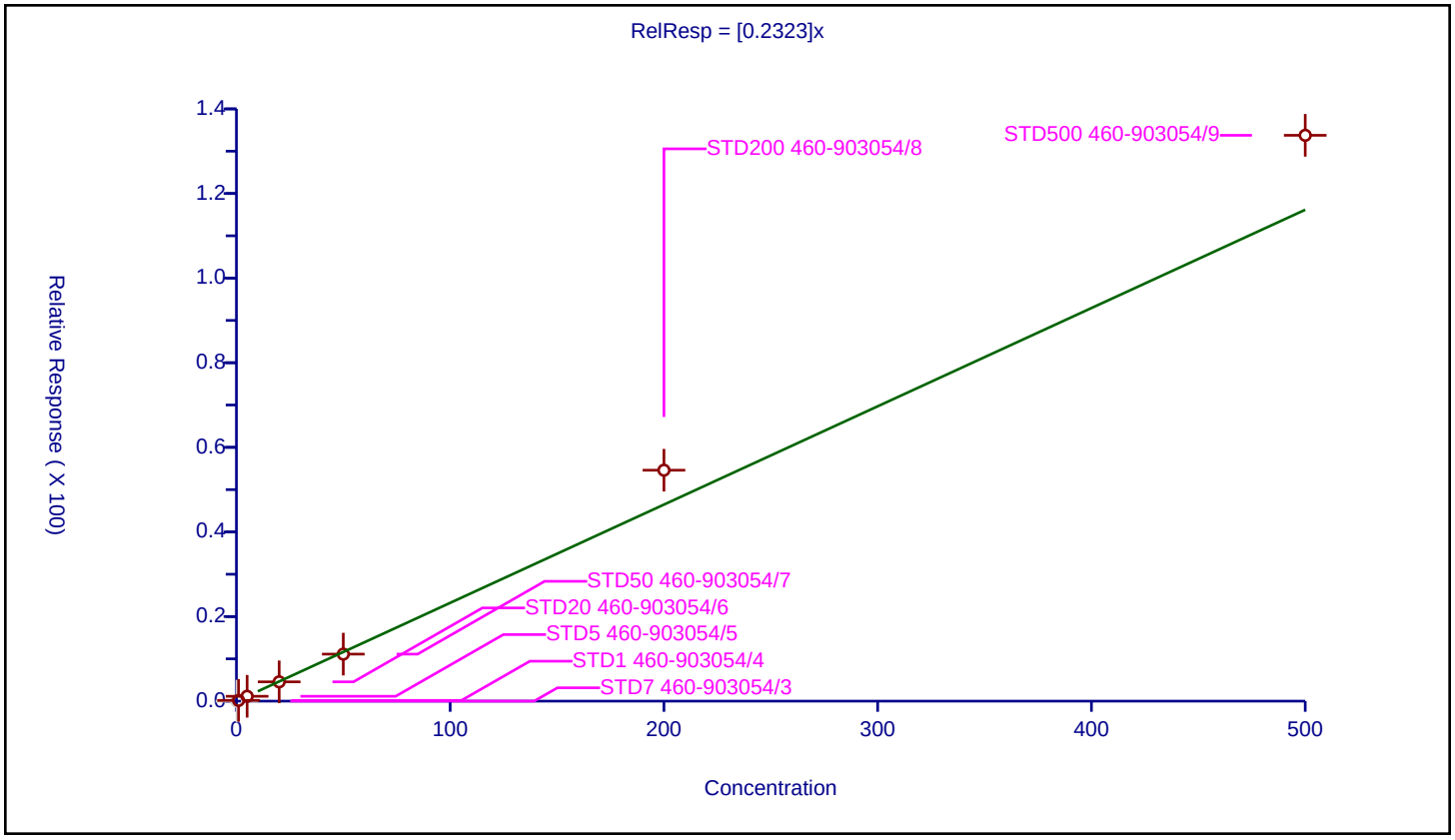
Curve Coefficients

Intercept:	0
Slope:	0.2323

Error Coefficients

Standard Error:	797000
Relative Standard Error:	15.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.173499	50.0	597986.0	0.173499	Y
3	STD5 460-903054/5	5.0	1.147468	50.0	601847.0	0.229494	Y
4	STD20 460-903054/6	20.0	4.561684	50.0	608613.0	0.228084	Y
5	STD50 460-903054/7	50.0	11.115793	50.0	616978.0	0.222316	Y
6	STD200 460-903054/8	200.0	54.587067	50.0	617388.0	0.272935	Y
7	STD500 460-903054/9	500.0	133.75149	50.0	614284.0	0.267503	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

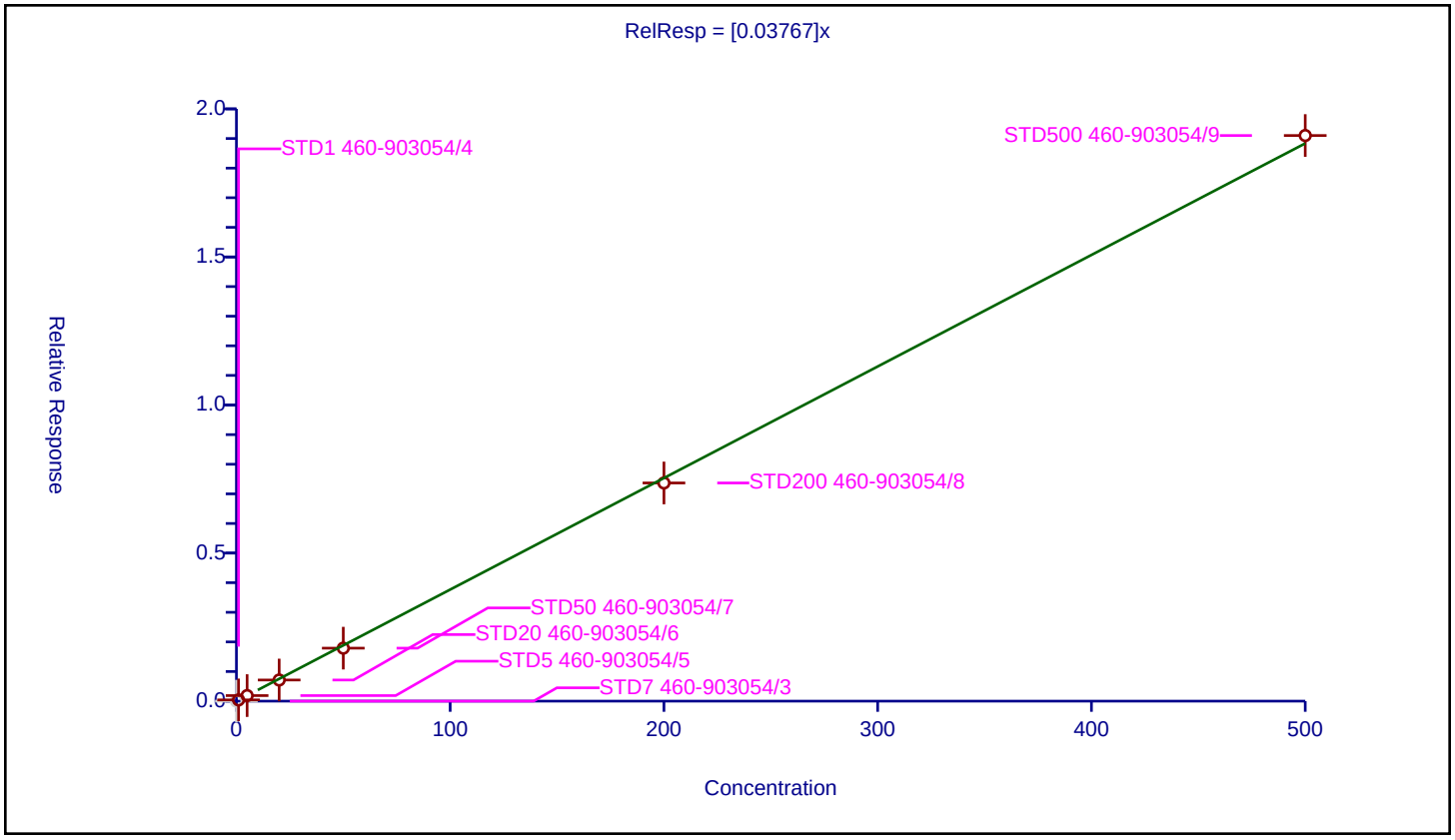
Curve Coefficients

Intercept:	0
Slope:	0.03767

Error Coefficients

Standard Error:	113000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.042058	50.0	597986.0	0.042058	Y
3	STD5 460-903054/5	5.0	0.187174	50.0	601847.0	0.037435	Y
4	STD20 460-903054/6	20.0	0.714001	50.0	608613.0	0.0357	Y
5	STD50 460-903054/7	50.0	1.789043	50.0	616978.0	0.035781	Y
6	STD200 460-903054/8	200.0	7.367895	50.0	617388.0	0.036839	Y
7	STD500 460-903054/9	500.0	19.100449	50.0	614284.0	0.038201	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

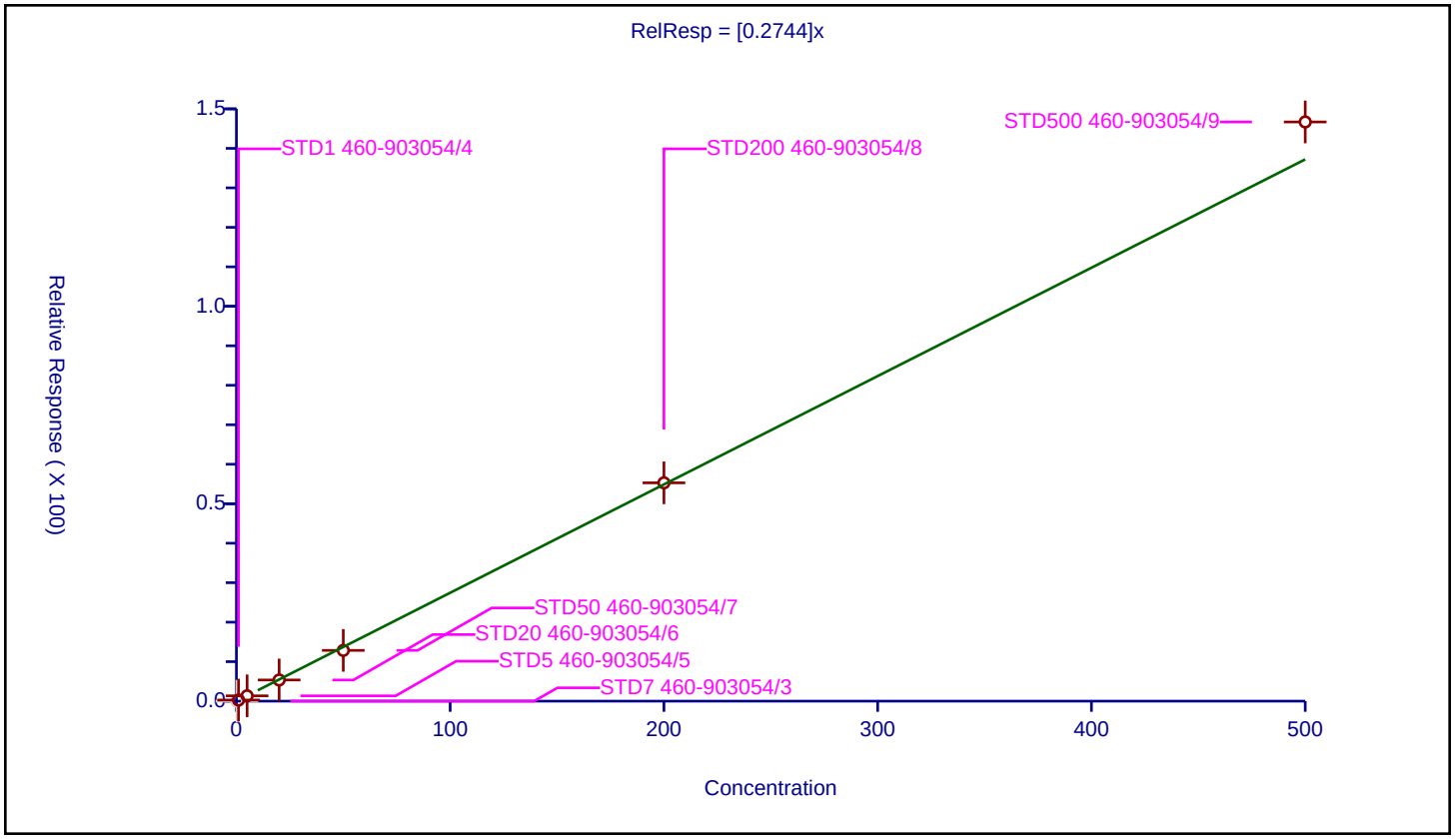
Curve Coefficients

Intercept:	0
Slope:	0.2744

Error Coefficients

Standard Error:	865000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.281946	50.0	597986.0	0.281946	Y
3	STD5 460-903054/5	5.0	1.348266	50.0	601847.0	0.269653	Y
4	STD20 460-903054/6	20.0	5.360467	50.0	608613.0	0.268023	Y
5	STD50 460-903054/7	50.0	12.853133	50.0	616978.0	0.257063	Y
6	STD200 460-903054/8	200.0	55.292944	50.0	617388.0	0.276465	Y
7	STD500 460-903054/9	500.0	146.689154	50.0	614284.0	0.293378	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

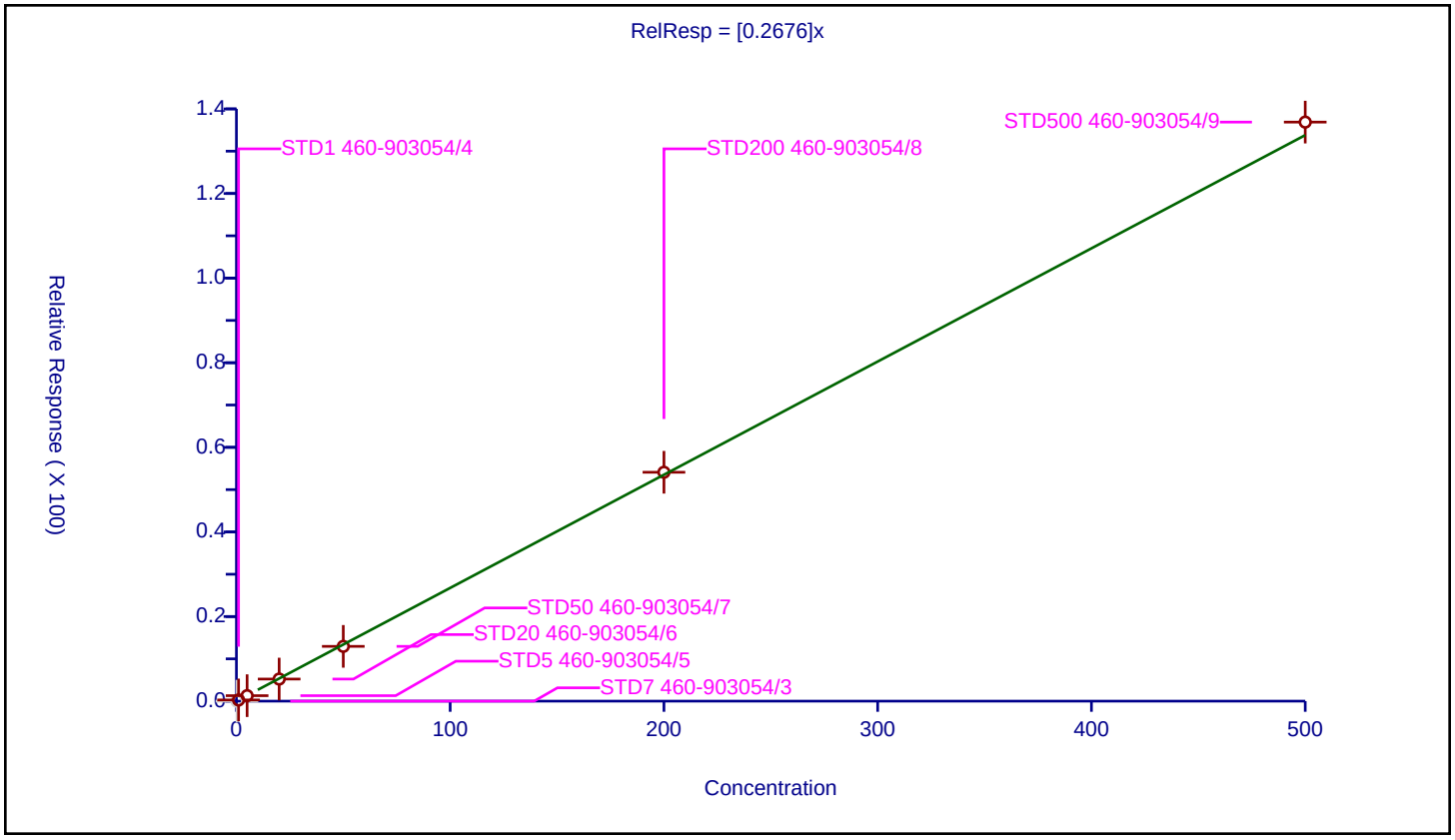
Curve Coefficients

Intercept:	0
Slope:	0.2676

Error Coefficients

Standard Error:	813000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.282114	50.0	597986.0	0.282114	Y
3	STD5 460-903054/5	5.0	1.295346	50.0	601847.0	0.259069	Y
4	STD20 460-903054/6	20.0	5.222695	50.0	608613.0	0.261135	Y
5	STD50 460-903054/7	50.0	12.945113	50.0	616978.0	0.258902	Y
6	STD200 460-903054/8	200.0	54.101149	50.0	617388.0	0.270506	Y
7	STD500 460-903054/9	500.0	136.874475	50.0	614284.0	0.273749	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

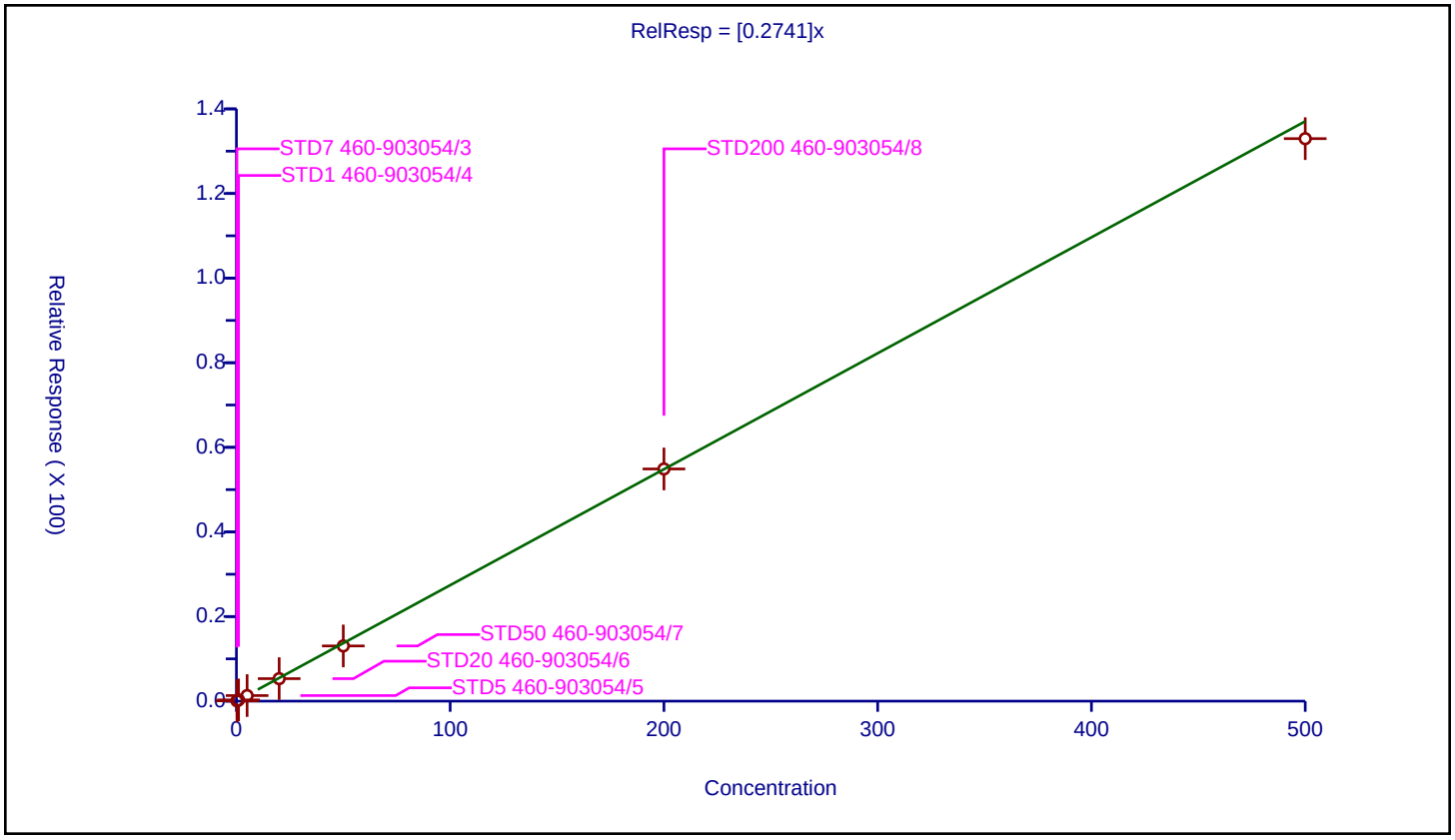
Curve Coefficients

Intercept:	0
Slope:	0.2741

Error Coefficients

Standard Error:	725000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.074474	50.0	589469.0	0.297895	Y
2	STD1 460-903054/4	1.0	0.289472	50.0	597986.0	0.289472	Y
3	STD5 460-903054/5	5.0	1.321515	50.0	601847.0	0.264303	Y
4	STD20 460-903054/6	20.0	5.314707	50.0	608613.0	0.265735	Y
5	STD50 460-903054/7	50.0	13.049412	50.0	616978.0	0.260988	Y
6	STD200 460-903054/8	200.0	54.886473	50.0	617388.0	0.274432	Y
7	STD500 460-903054/9	500.0	132.964232	50.0	614284.0	0.265928	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

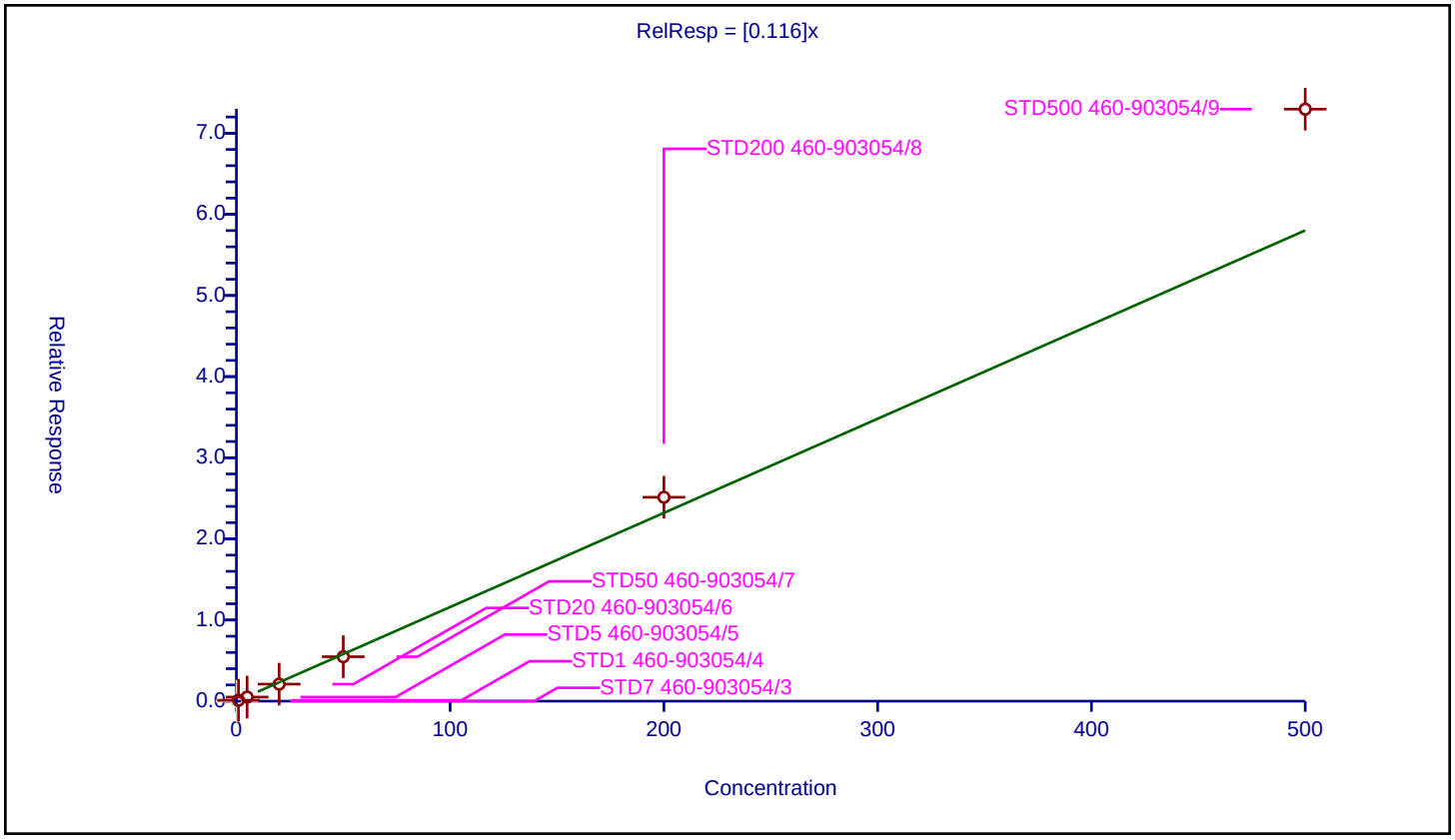
Curve Coefficients

Intercept:	0
Slope:	0.116

Error Coefficients

Standard Error:	425000
Relative Standard Error:	14.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.1092	50.0	597986.0	0.1092	Y
3	STD5 460-903054/5	5.0	0.50453	50.0	601847.0	0.100906	Y
4	STD20 460-903054/6	20.0	2.09961	50.0	608613.0	0.104981	Y
5	STD50 460-903054/7	50.0	5.477181	50.0	616978.0	0.109544	Y
6	STD200 460-903054/8	200.0	25.13217	50.0	617388.0	0.125661	Y
7	STD500 460-903054/9	500.0	72.963157	50.0	614284.0	0.145926	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

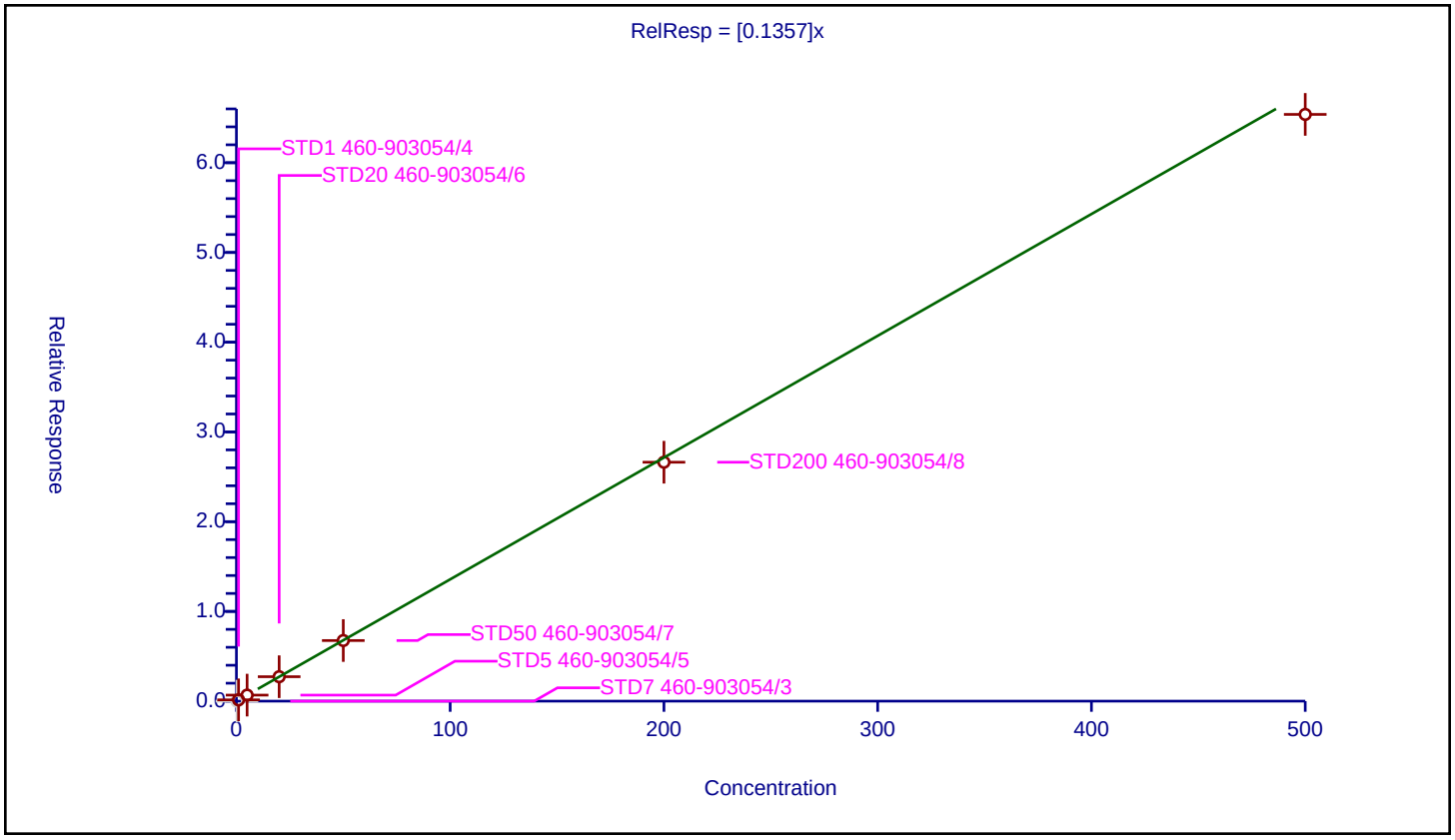
Curve Coefficients

Intercept:	0
Slope:	0.1357

Error Coefficients

Standard Error:	390000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.144569	50.0	597986.0	0.144569	Y
3	STD5 460-903054/5	5.0	0.672679	50.0	601847.0	0.134536	Y
4	STD20 460-903054/6	20.0	2.72283	50.0	608613.0	0.136142	Y
5	STD50 460-903054/7	50.0	6.75486	50.0	616978.0	0.135097	Y
6	STD200 460-903054/8	200.0	26.626611	50.0	617388.0	0.133133	Y
7	STD500 460-903054/9	500.0	65.384171	50.0	614284.0	0.130768	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

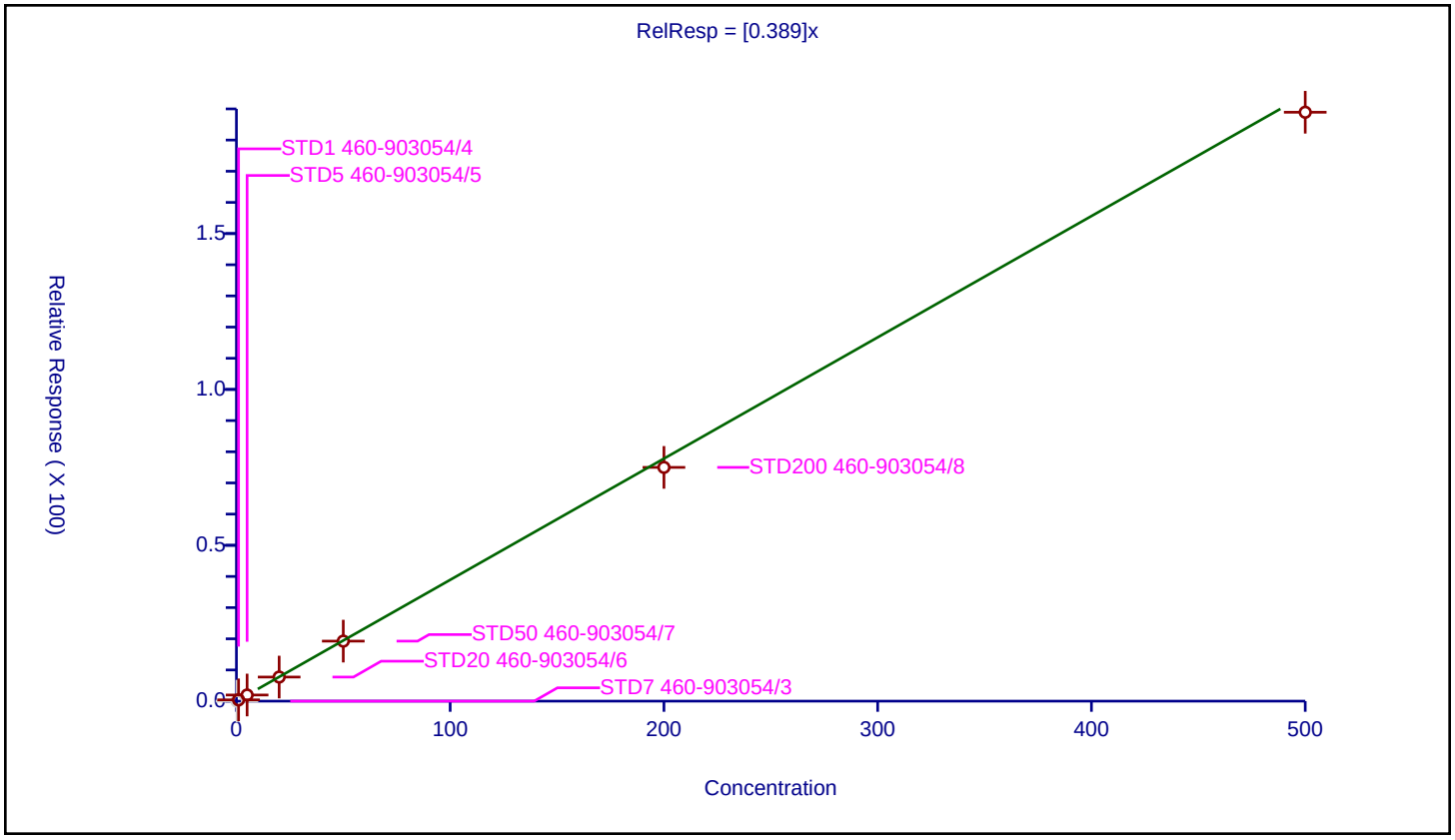
Curve Coefficients

Intercept:	0
Slope:	0.389

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.416314	50.0	597986.0	0.416314	Y
3	STD5 460-903054/5	5.0	1.967527	50.0	601847.0	0.393505	Y
4	STD20 460-903054/6	20.0	7.729214	50.0	608613.0	0.386461	Y
5	STD50 460-903054/7	50.0	19.258304	50.0	616978.0	0.385166	Y
6	STD200 460-903054/8	200.0	74.989715	50.0	617388.0	0.374949	Y
7	STD500 460-903054/9	500.0	188.920841	50.0	614284.0	0.377842	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

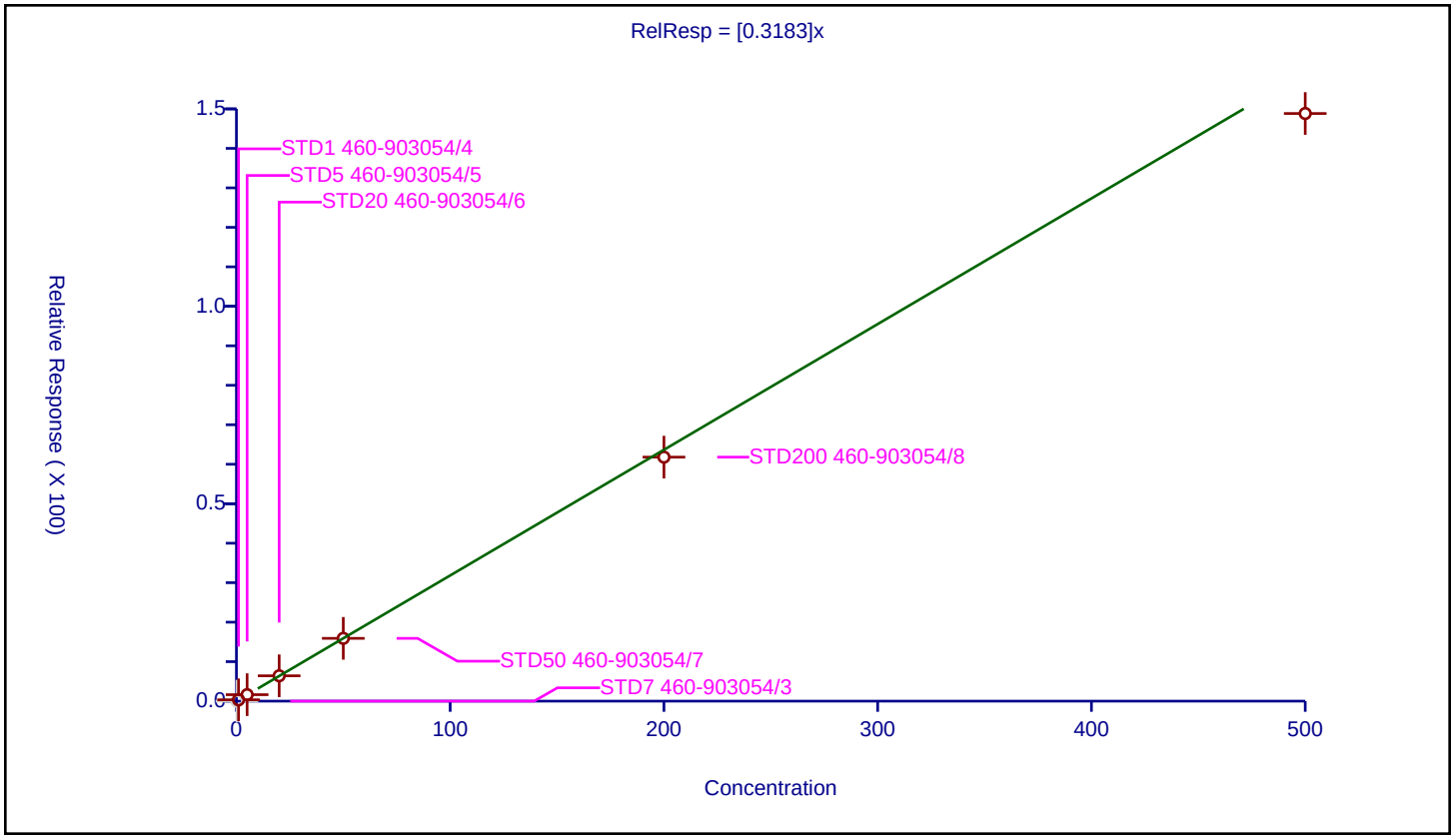
Curve Coefficients

Intercept:	0
Slope:	0.3183

Error Coefficients

Standard Error:	891000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.25	0.0	50.0	589469.0	0.0	N
2	STD1 460-903054/4	1.0	0.337215	50.0	597986.0	0.337215	Y
3	STD5 460-903054/5	5.0	1.634884	50.0	601847.0	0.326977	Y
4	STD20 460-903054/6	20.0	6.418775	50.0	608613.0	0.320939	Y
5	STD50 460-903054/7	50.0	15.904862	50.0	616978.0	0.318097	Y
6	STD200 460-903054/8	200.0	61.798415	50.0	617388.0	0.308992	Y
7	STD500 460-903054/9	500.0	148.835392	50.0	614284.0	0.297671	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

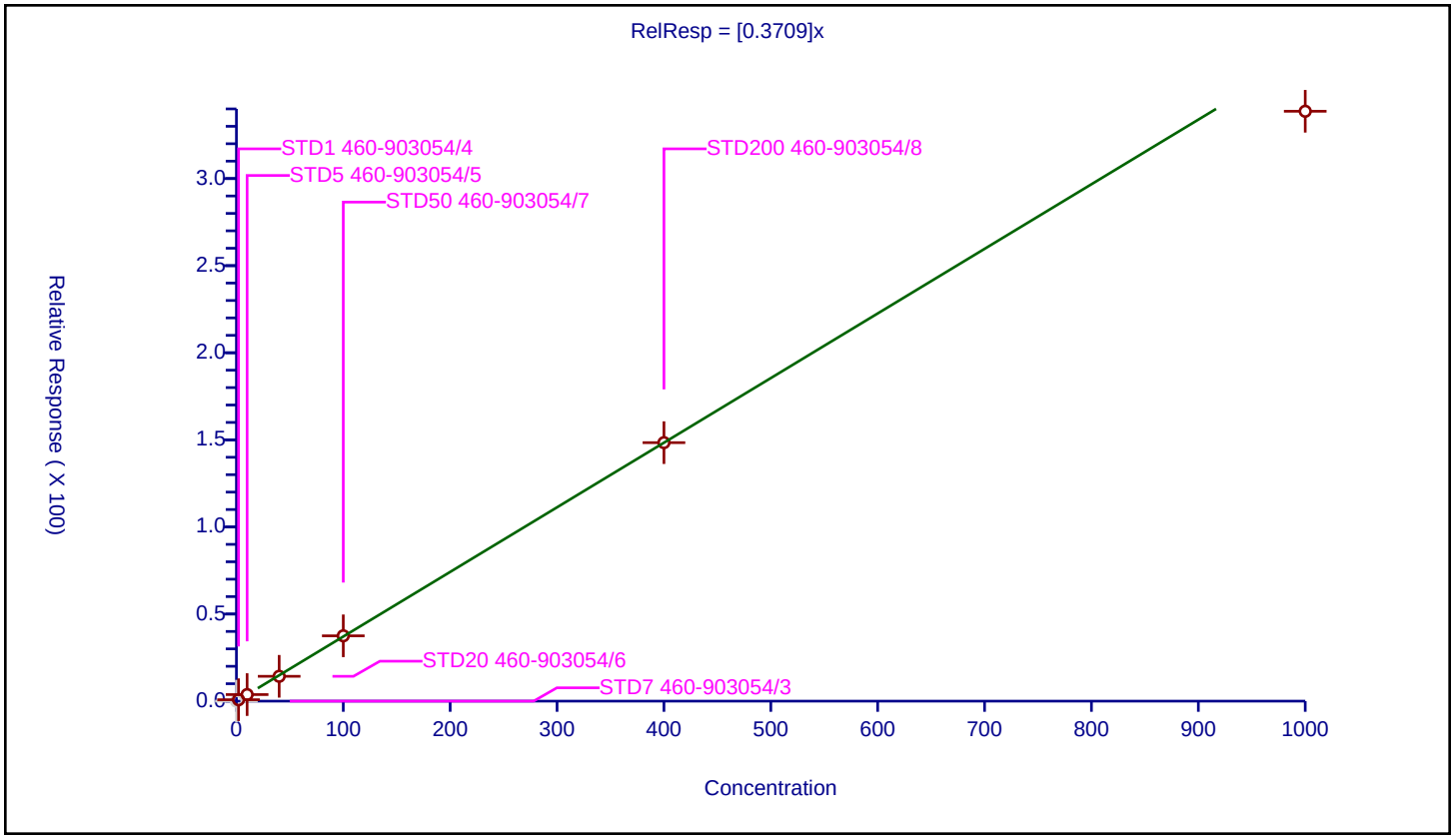
Curve Coefficients

Intercept:	0
Slope:	0.3709

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	6.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	2.0	0.815655	50.0	597986.0	0.407827	Y
3	STD5 460-903054/5	10.0	3.767735	50.0	601847.0	0.376773	Y
4	STD20 460-903054/6	40.0	14.252571	50.0	608613.0	0.356314	Y
5	STD50 460-903054/7	100.0	37.505551	50.0	616978.0	0.375056	Y
6	STD200 460-903054/8	400.0	148.391611	50.0	617388.0	0.370979	Y
7	STD500 460-903054/9	1000.0	338.637178	50.0	614284.0	0.338637	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

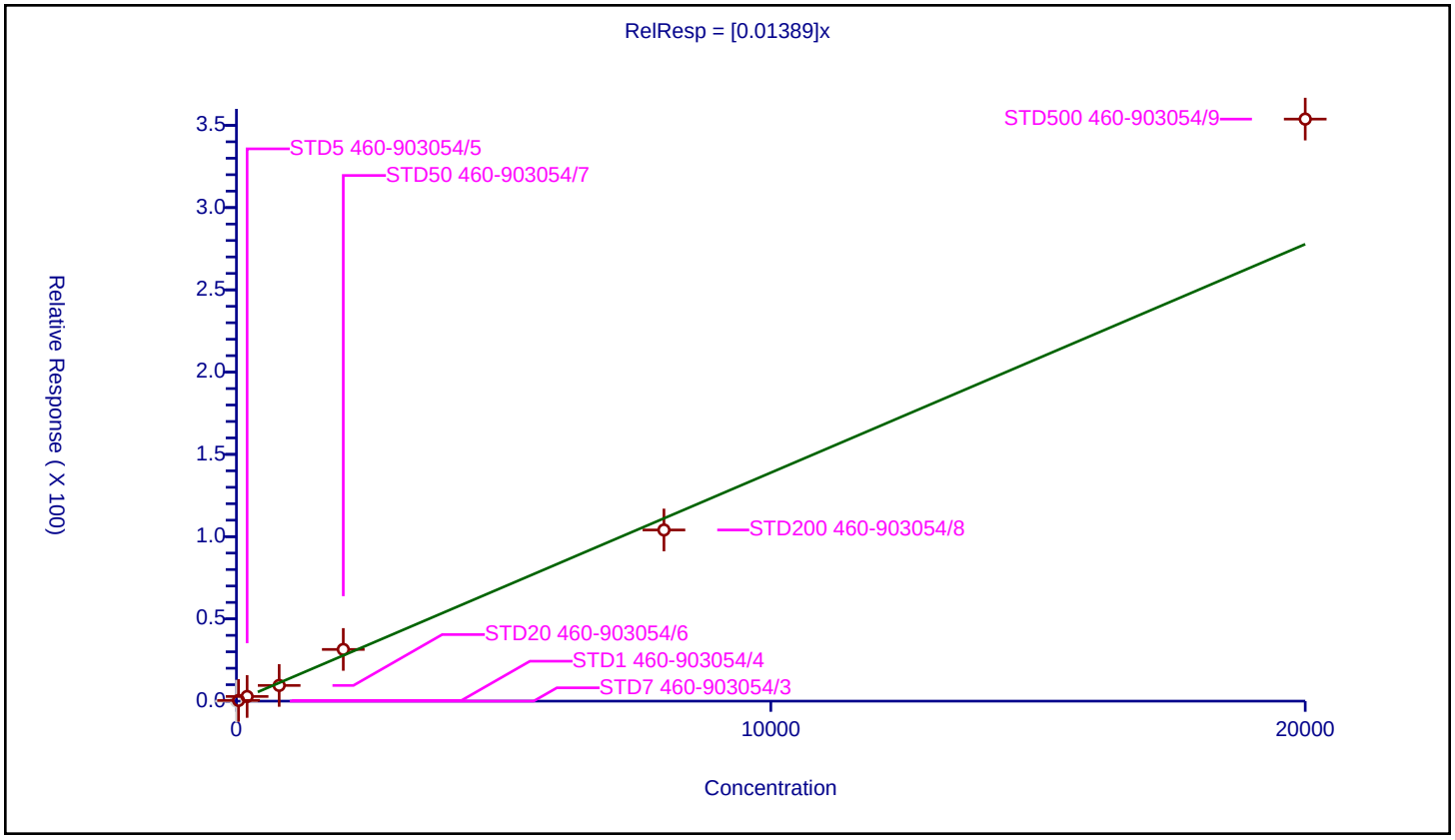
Curve Coefficients

Intercept:	0
Slope:	0.01389

Error Coefficients

Standard Error:	35000
Relative Standard Error:	18.2
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	40.0	0.432483	1000.0	219662.0	0.010812	Y
3	STD5 460-903054/5	200.0	2.833237	1000.0	211066.0	0.014166	Y
4	STD20 460-903054/6	800.0	9.549644	1000.0	216029.0	0.011937	Y
5	STD50 460-903054/7	2000.0	31.434185	1000.0	214798.0	0.015717	Y
6	STD200 460-903054/8	8000.0	104.041799	1000.0	210723.0	0.013005	Y
7	STD500 460-903054/9	20000.0	353.801652	1000.0	212263.0	0.01769	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

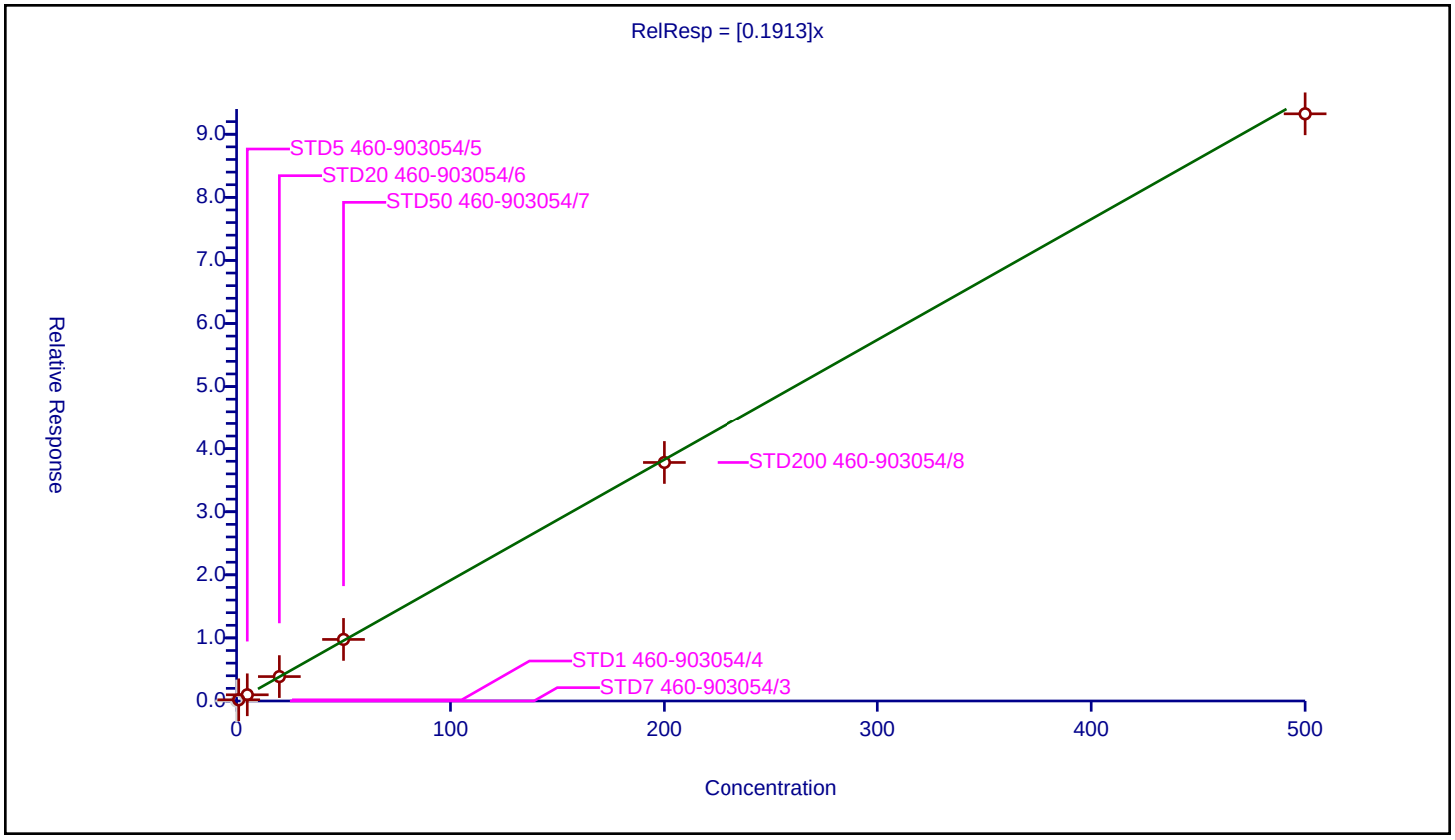
Curve Coefficients

Intercept:	0
Slope:	0.1913

Error Coefficients

Standard Error:	556000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.187128	50.0	597986.0	0.187128	Y
3	STD5 460-903054/5	5.0	0.983722	50.0	601847.0	0.196744	Y
4	STD20 460-903054/6	20.0	3.868632	50.0	608613.0	0.193432	Y
5	STD50 460-903054/7	50.0	9.758209	50.0	616978.0	0.195164	Y
6	STD200 460-903054/8	200.0	37.810664	50.0	617388.0	0.189053	Y
7	STD500 460-903054/9	500.0	93.240342	50.0	614284.0	0.186481	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

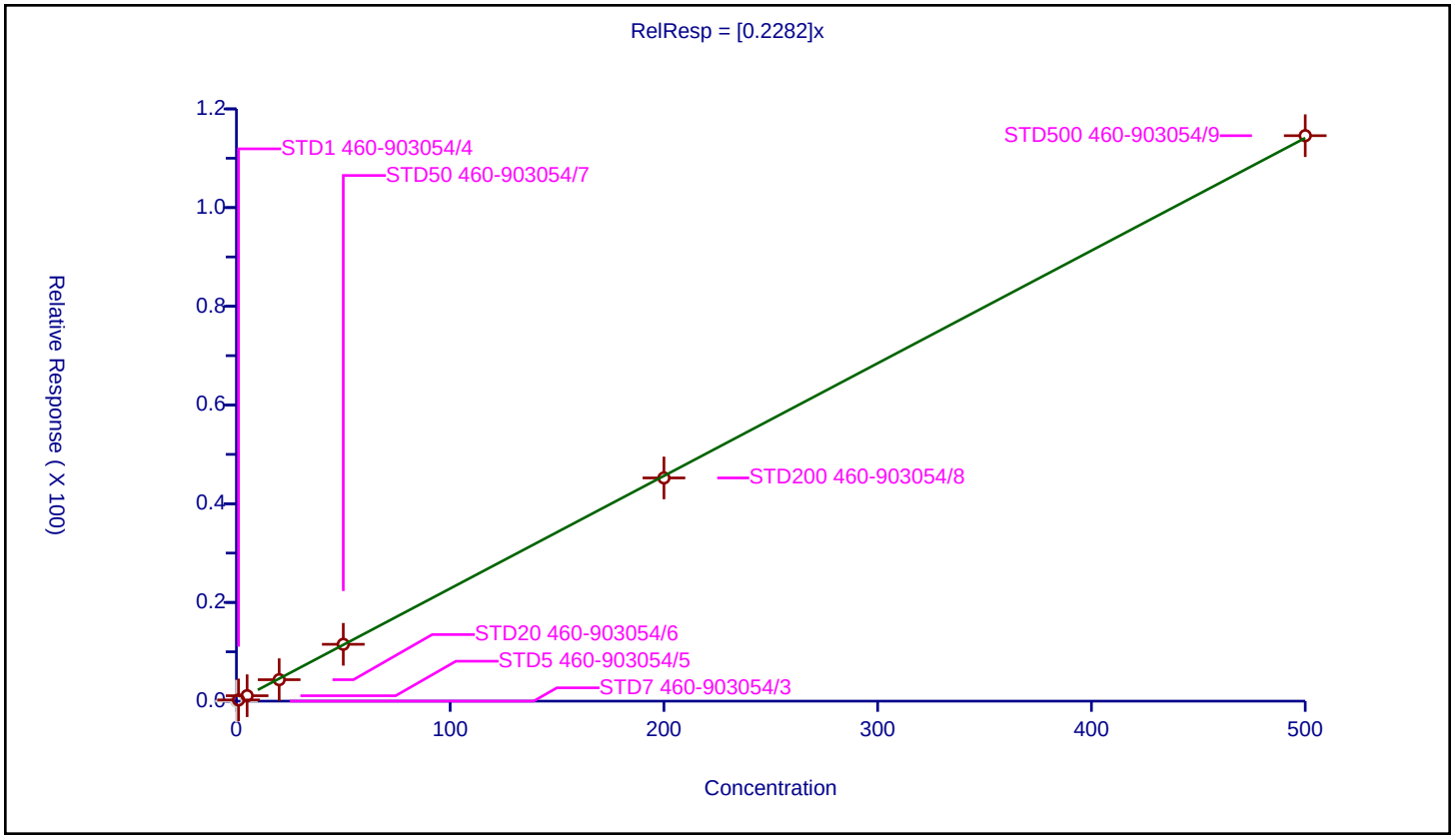
Curve Coefficients

Intercept:	0
Slope:	0.2282

Error Coefficients

Standard Error:	681000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.246243	50.0	597986.0	0.246243	Y
3	STD5 460-903054/5	5.0	1.100363	50.0	601847.0	0.220073	Y
4	STD20 460-903054/6	20.0	4.345372	50.0	608613.0	0.217269	Y
5	STD50 460-903054/7	50.0	11.520913	50.0	616978.0	0.230418	Y
6	STD200 460-903054/8	200.0	45.225531	50.0	617388.0	0.226128	Y
7	STD500 460-903054/9	500.0	114.57282	50.0	614284.0	0.229146	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

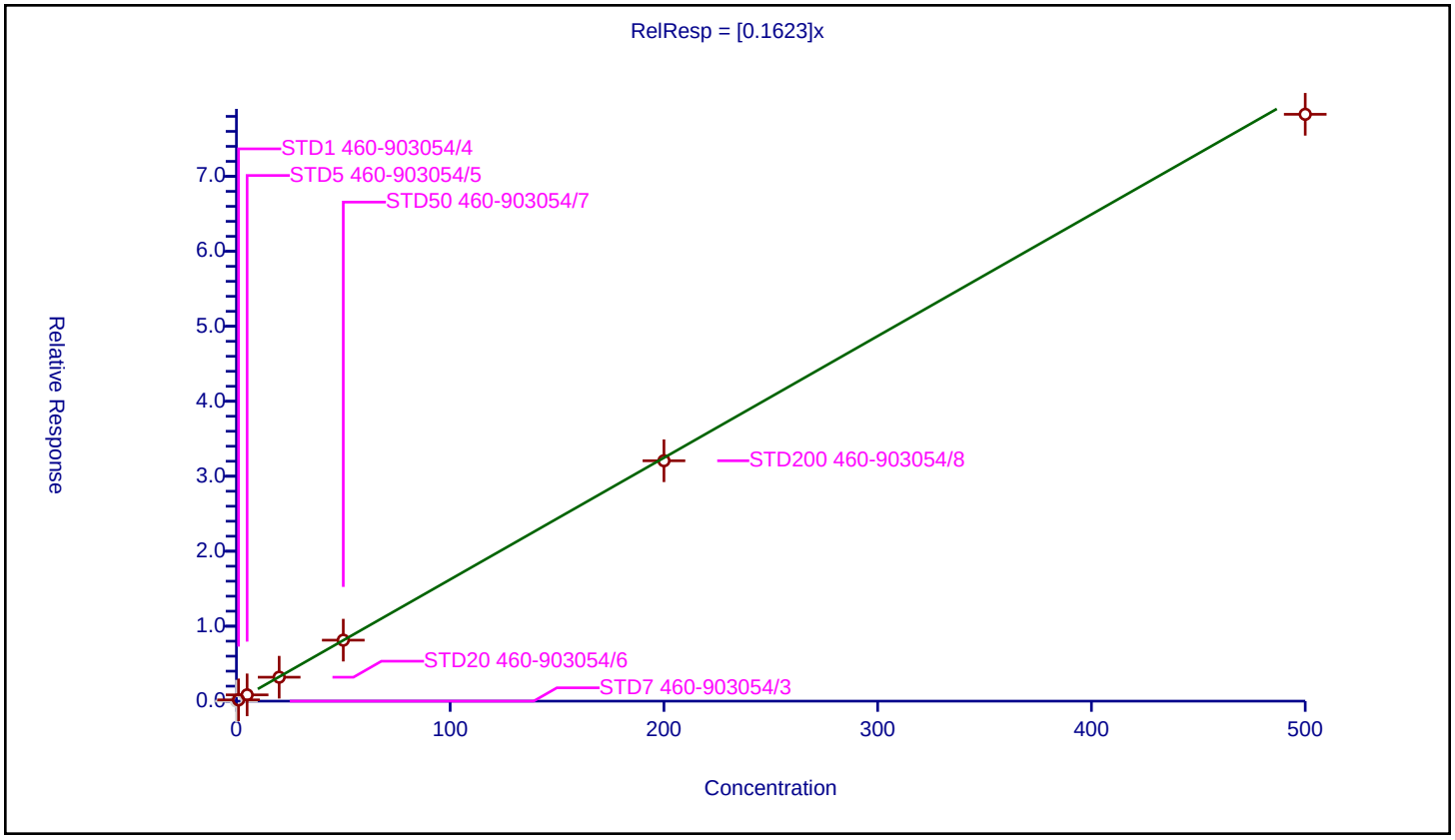
Curve Coefficients

Intercept:	0
Slope:	0.1623

Error Coefficients

Standard Error:	468000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.167312	50.0	597986.0	0.167312	Y
3	STD5 460-903054/5	5.0	0.836674	50.0	601847.0	0.167335	Y
4	STD20 460-903054/6	20.0	3.193491	50.0	608613.0	0.159675	Y
5	STD50 460-903054/7	50.0	8.133839	50.0	616978.0	0.162677	Y
6	STD200 460-903054/8	200.0	32.064925	50.0	617388.0	0.160325	Y
7	STD500 460-903054/9	500.0	78.27837	50.0	614284.0	0.156557	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

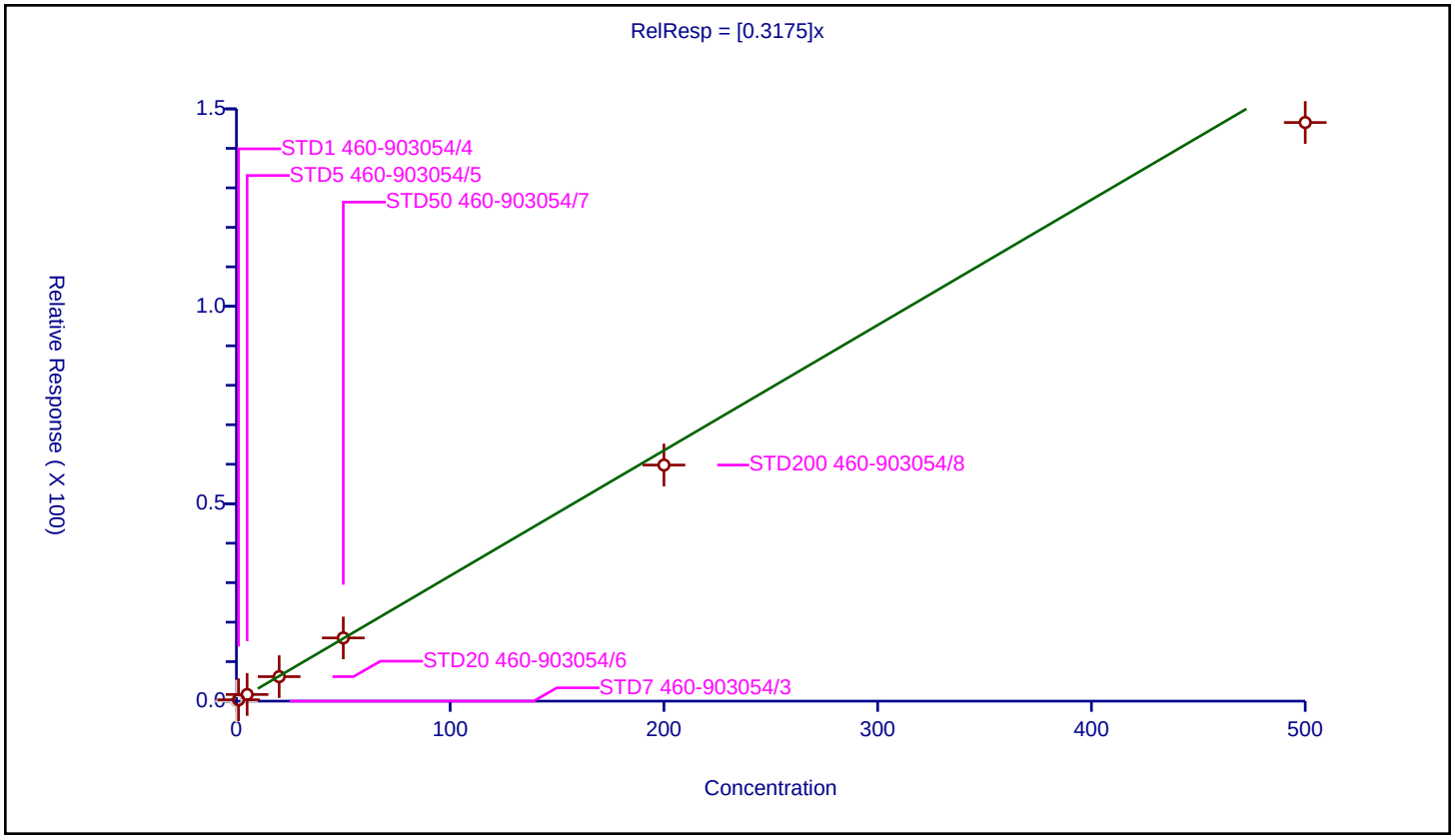
Curve Coefficients

Intercept:	0
Slope:	0.3175

Error Coefficients

Standard Error:	875000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.345242	50.0	597986.0	0.345242	Y
3	STD5 460-903054/5	5.0	1.685312	50.0	601847.0	0.337062	Y
4	STD20 460-903054/6	20.0	6.204846	50.0	608613.0	0.310242	Y
5	STD50 460-903054/7	50.0	16.007702	50.0	616978.0	0.320154	Y
6	STD200 460-903054/8	200.0	59.797567	50.0	617388.0	0.298988	Y
7	STD500 460-903054/9	500.0	146.552409	50.0	614284.0	0.293105	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

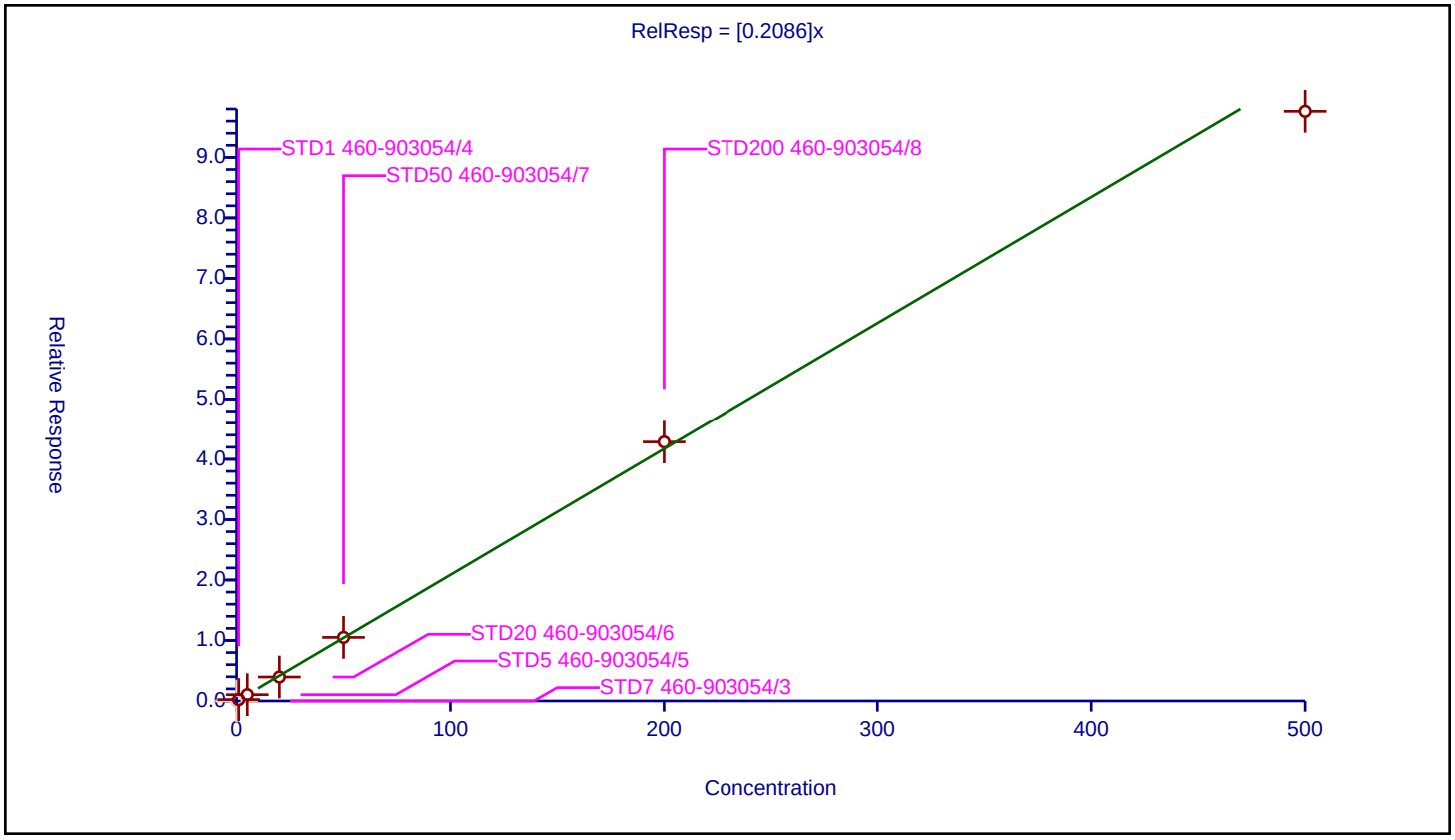
Curve Coefficients

Intercept:	0
Slope:	0.2086

Error Coefficients

Standard Error:	589000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.22534	50.0	597986.0	0.22534	Y
3	STD5 460-903054/5	5.0	1.042541	50.0	601847.0	0.208508	Y
4	STD20 460-903054/6	20.0	3.961466	50.0	608613.0	0.198073	Y
5	STD50 460-903054/7	50.0	10.510991	50.0	616978.0	0.21022	Y
6	STD200 460-903054/8	200.0	42.861053	50.0	617388.0	0.214305	Y
7	STD500 460-903054/9	500.0	97.615679	50.0	614284.0	0.195231	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

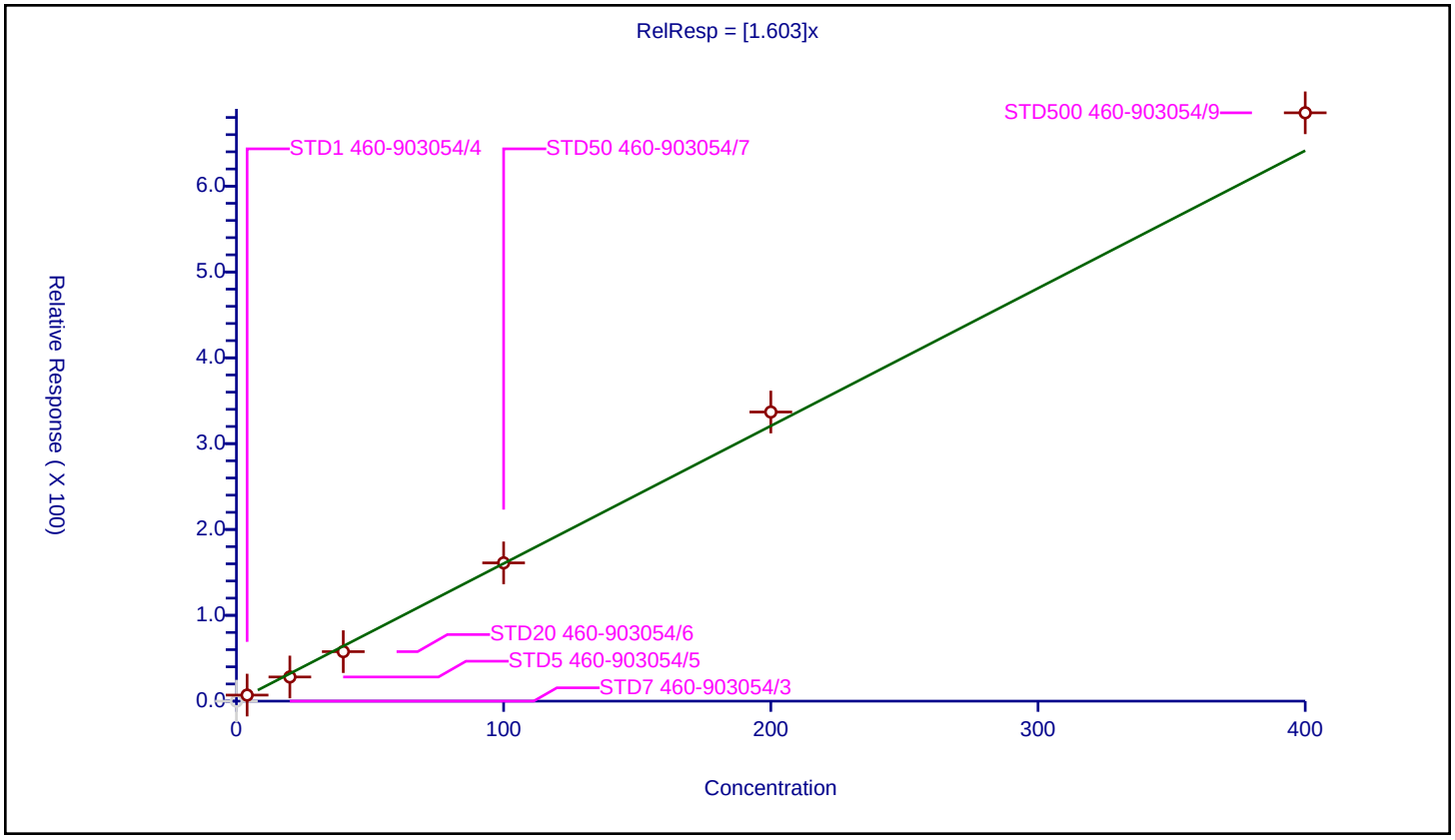
Curve Coefficients

Intercept:	0
Slope:	1.603

Error Coefficients

Standard Error:	74000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	4.0	7.047191	1000.0	219662.0	1.761798	Y
3	STD5 460-903054/5	20.0	28.157069	1000.0	211066.0	1.407853	Y
4	STD20 460-903054/6	40.0	57.677441	1000.0	216029.0	1.441936	Y
5	STD50 460-903054/7	100.0	161.081574	1000.0	214798.0	1.610816	Y
6	STD200 460-903054/8	200.0	336.859289	1000.0	210723.0	1.684296	Y
7	STD500 460-903054/9	400.0	685.423272	1000.0	212263.0	1.713558	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

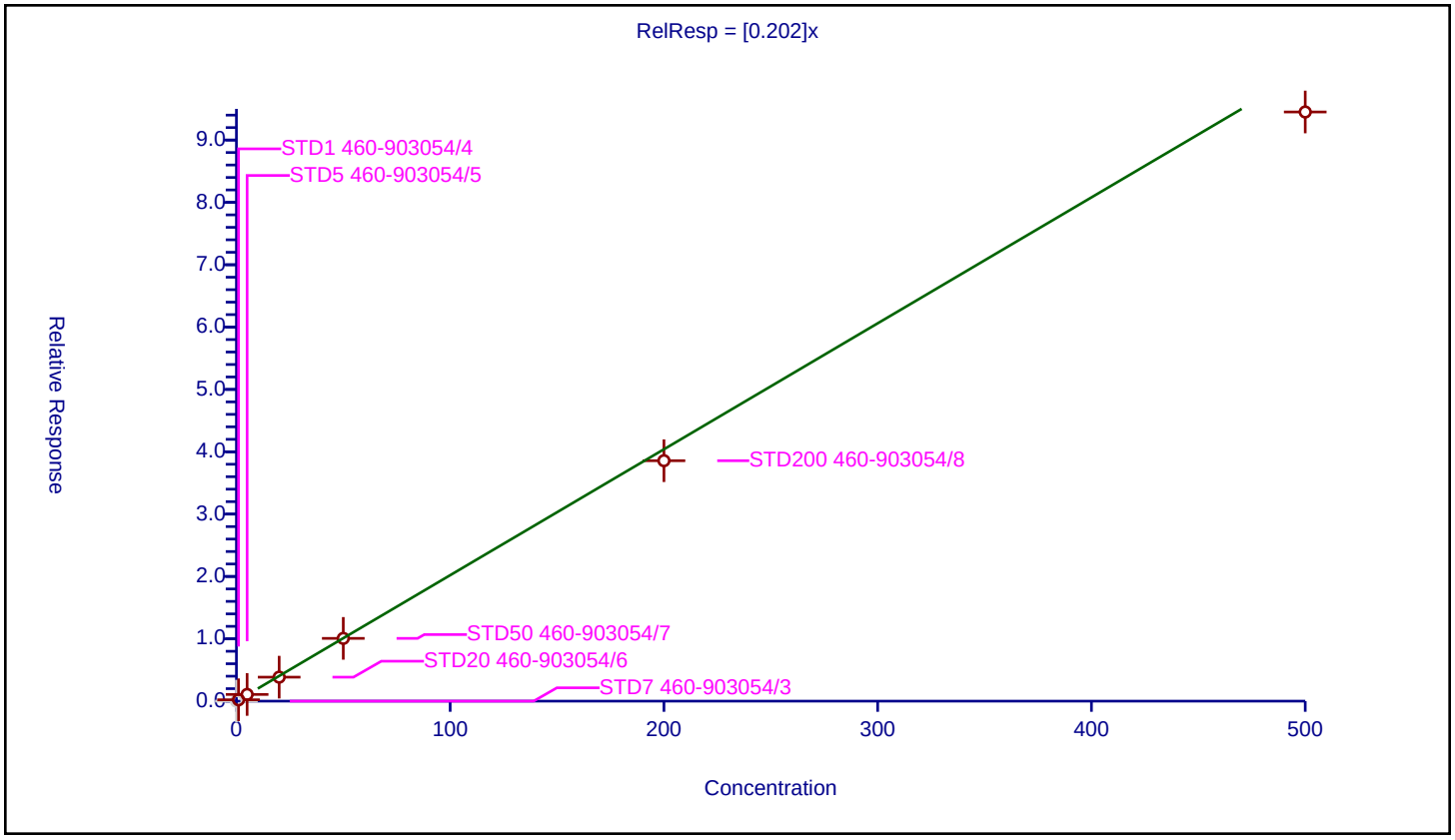
Curve Coefficients

Intercept:	0
Slope:	0.202

Error Coefficients

Standard Error:	564000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.22141	50.0	597986.0	0.22141	Y
3	STD5 460-903054/5	5.0	1.075356	50.0	601847.0	0.215071	Y
4	STD20 460-903054/6	20.0	3.848094	50.0	608613.0	0.192405	Y
5	STD50 460-903054/7	50.0	10.065513	50.0	616978.0	0.20131	Y
6	STD200 460-903054/8	200.0	38.568858	50.0	617388.0	0.192844	Y
7	STD500 460-903054/9	500.0	94.504578	50.0	614284.0	0.189009	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

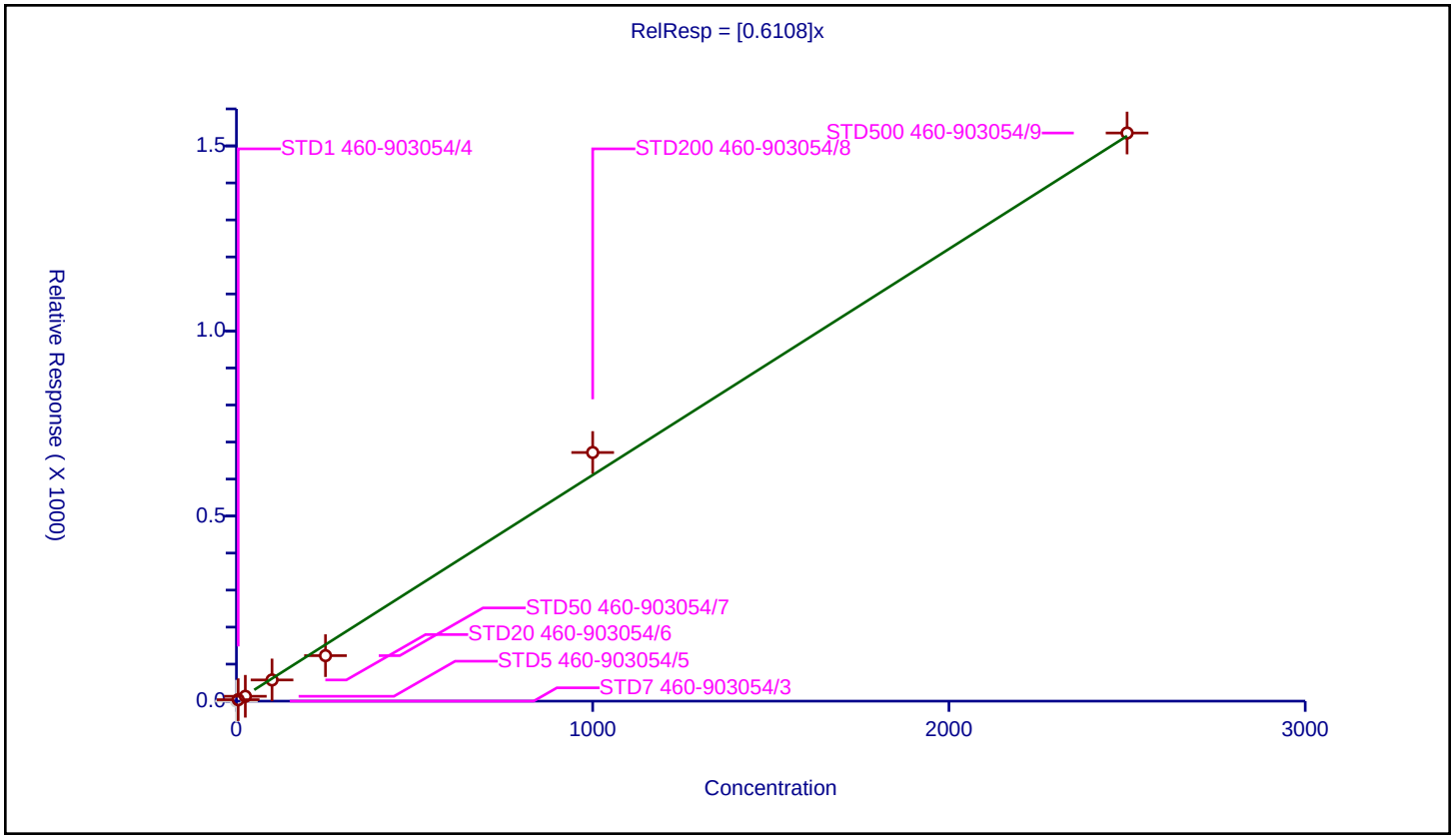
Curve Coefficients

Intercept:	0
Slope:	0.6108

Error Coefficients

Standard Error:	985000
Relative Standard Error:	17.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	5.0	3.944718	250.0	310225.0	0.788944	Y
3	STD5 460-903054/5	25.0	13.150074	250.0	309580.0	0.526003	Y
4	STD20 460-903054/6	100.0	57.229278	250.0	307465.0	0.572293	Y
5	STD50 460-903054/7	250.0	122.928654	250.0	315616.0	0.491715	Y
6	STD200 460-903054/8	1000.0	671.75618	250.0	318891.0	0.671756	Y
7	STD500 460-903054/9	2500.0	1534.911585	250.0	329468.0	0.613965	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

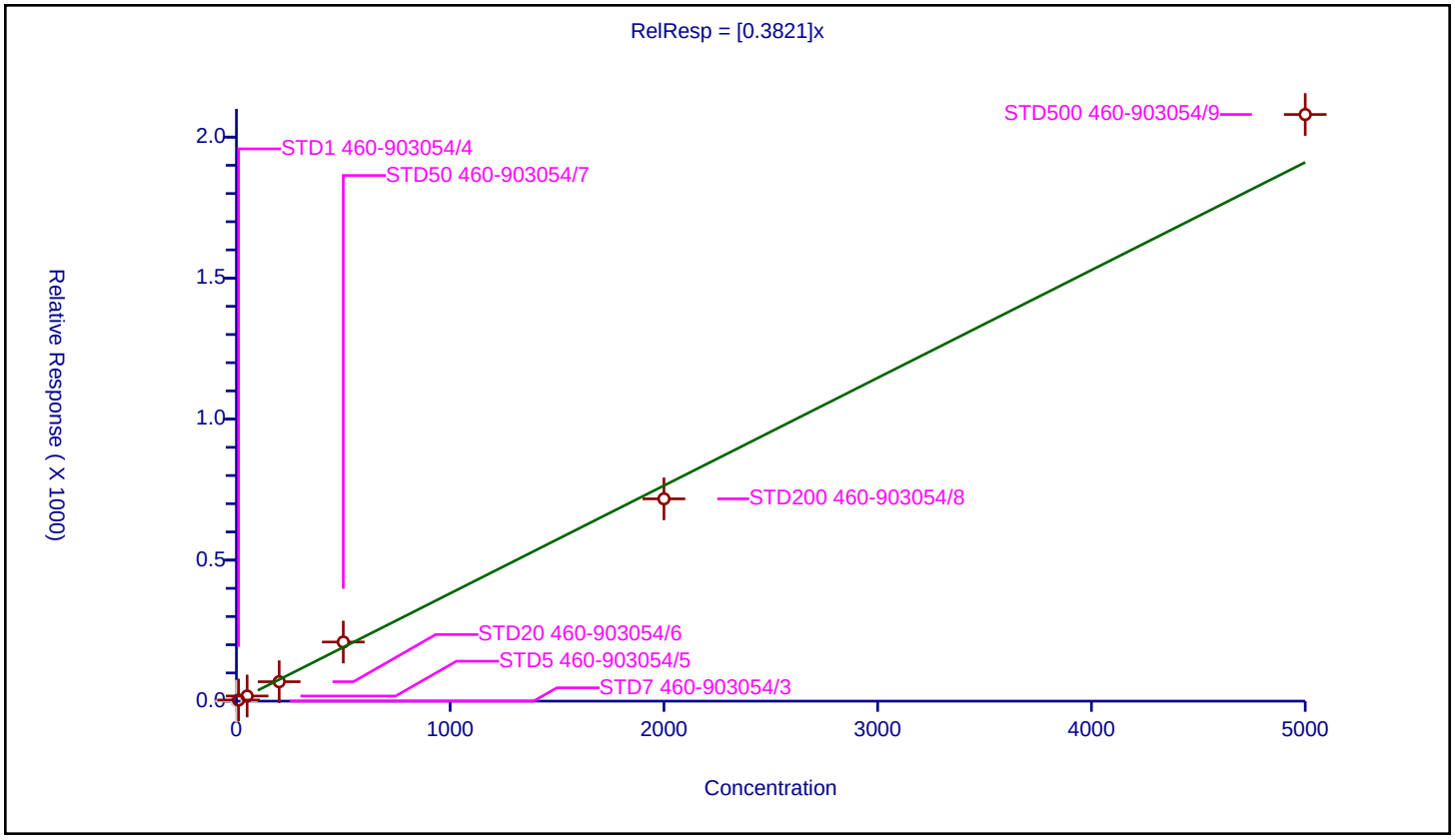
Curve Coefficients

Intercept:	0
Slope:	0.3821

Error Coefficients

Standard Error:	209000
Relative Standard Error:	8.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	10.0	3.906001	1000.0	219662.0	0.3906	Y
3	STD5 460-903054/5	50.0	18.17441	1000.0	211066.0	0.363488	Y
4	STD20 460-903054/6	200.0	68.912044	1000.0	216029.0	0.34456	Y
5	STD50 460-903054/7	500.0	209.643479	1000.0	214798.0	0.419287	Y
6	STD200 460-903054/8	2000.0	717.330334	1000.0	210723.0	0.358665	Y
7	STD500 460-903054/9	5000.0	2080.164701	1000.0	212263.0	0.416033	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

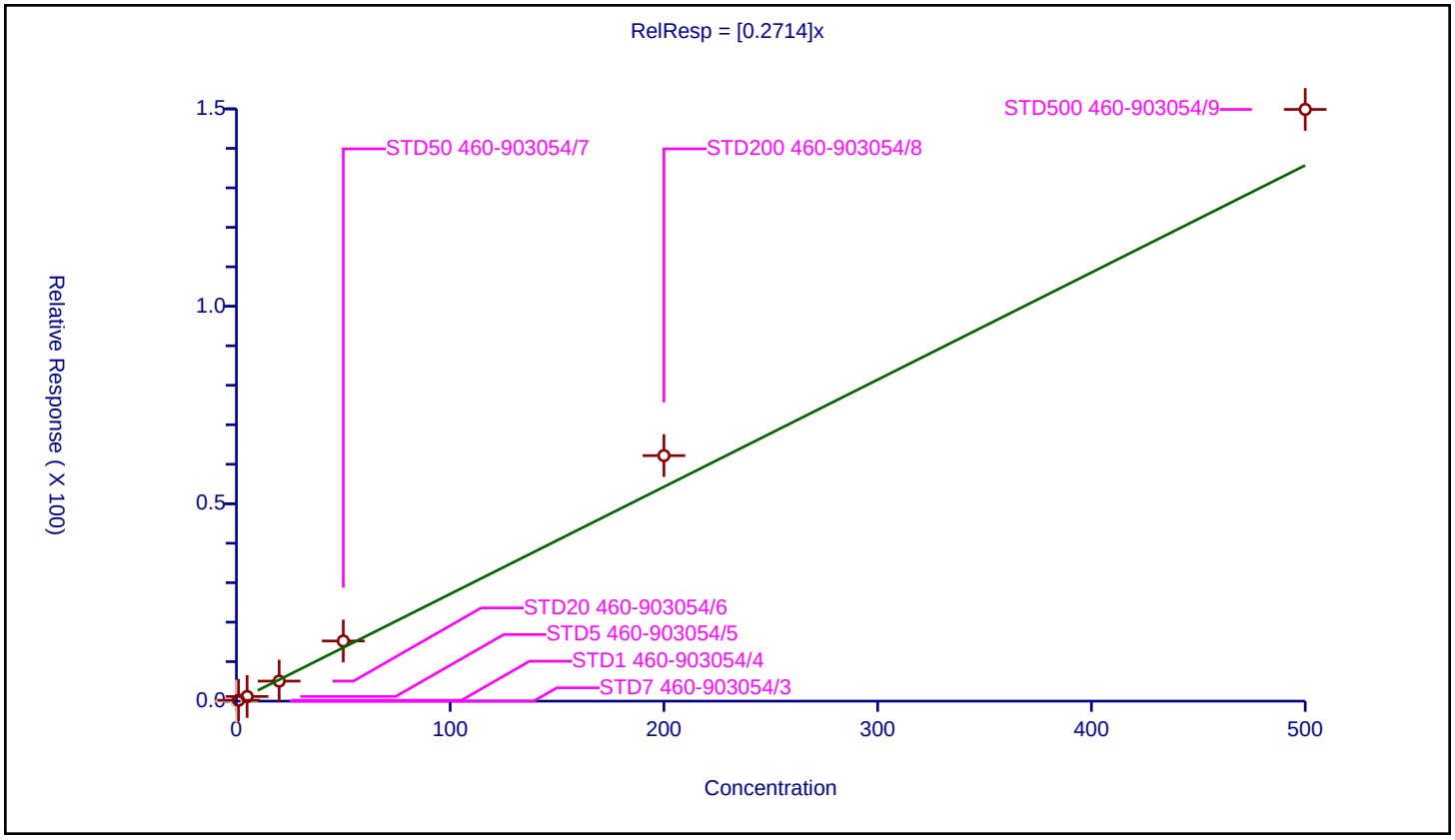
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Standard Error:	896000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.22442	50.0	597986.0	0.22442	Y
3	STD5 460-903054/5	5.0	1.174551	50.0	601847.0	0.23491	Y
4	STD20 460-903054/6	20.0	5.074571	50.0	608613.0	0.253729	Y
5	STD50 460-903054/7	50.0	15.233363	50.0	616978.0	0.304667	Y
6	STD200 460-903054/8	200.0	62.182695	50.0	617388.0	0.310913	Y
7	STD500 460-903054/9	500.0	149.864802	50.0	614284.0	0.29973	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

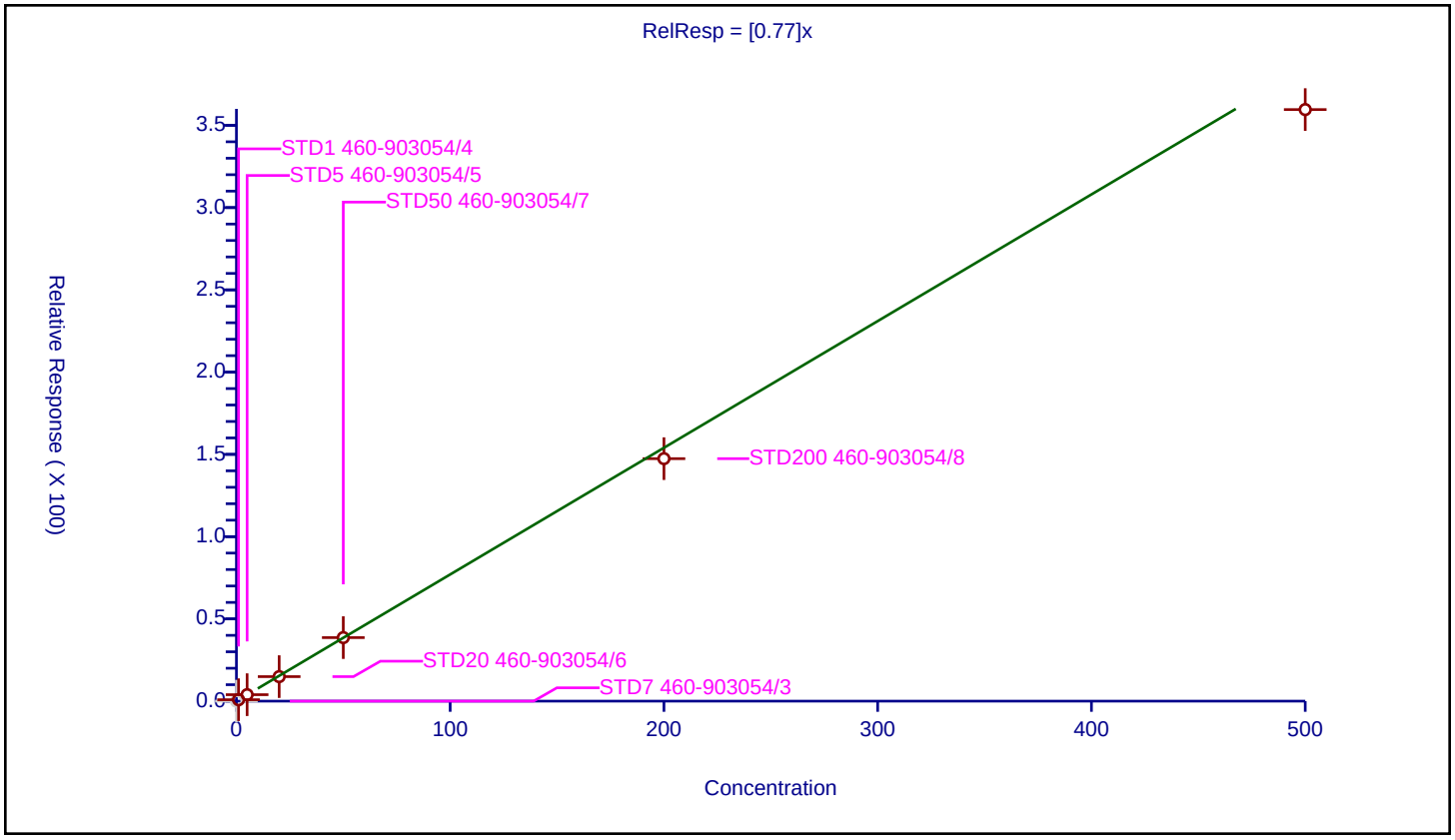
Curve Coefficients

Intercept:	0
Slope:	0.77

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.861057	50.0	597986.0	0.861057	Y
3	STD5 460-903054/5	5.0	3.925998	50.0	601847.0	0.7852	Y
4	STD20 460-903054/6	20.0	14.907667	50.0	608613.0	0.745383	Y
5	STD50 460-903054/7	50.0	38.618071	50.0	616978.0	0.772361	Y
6	STD200 460-903054/8	200.0	147.402444	50.0	617388.0	0.737012	Y
7	STD500 460-903054/9	500.0	359.571469	50.0	614284.0	0.719143	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

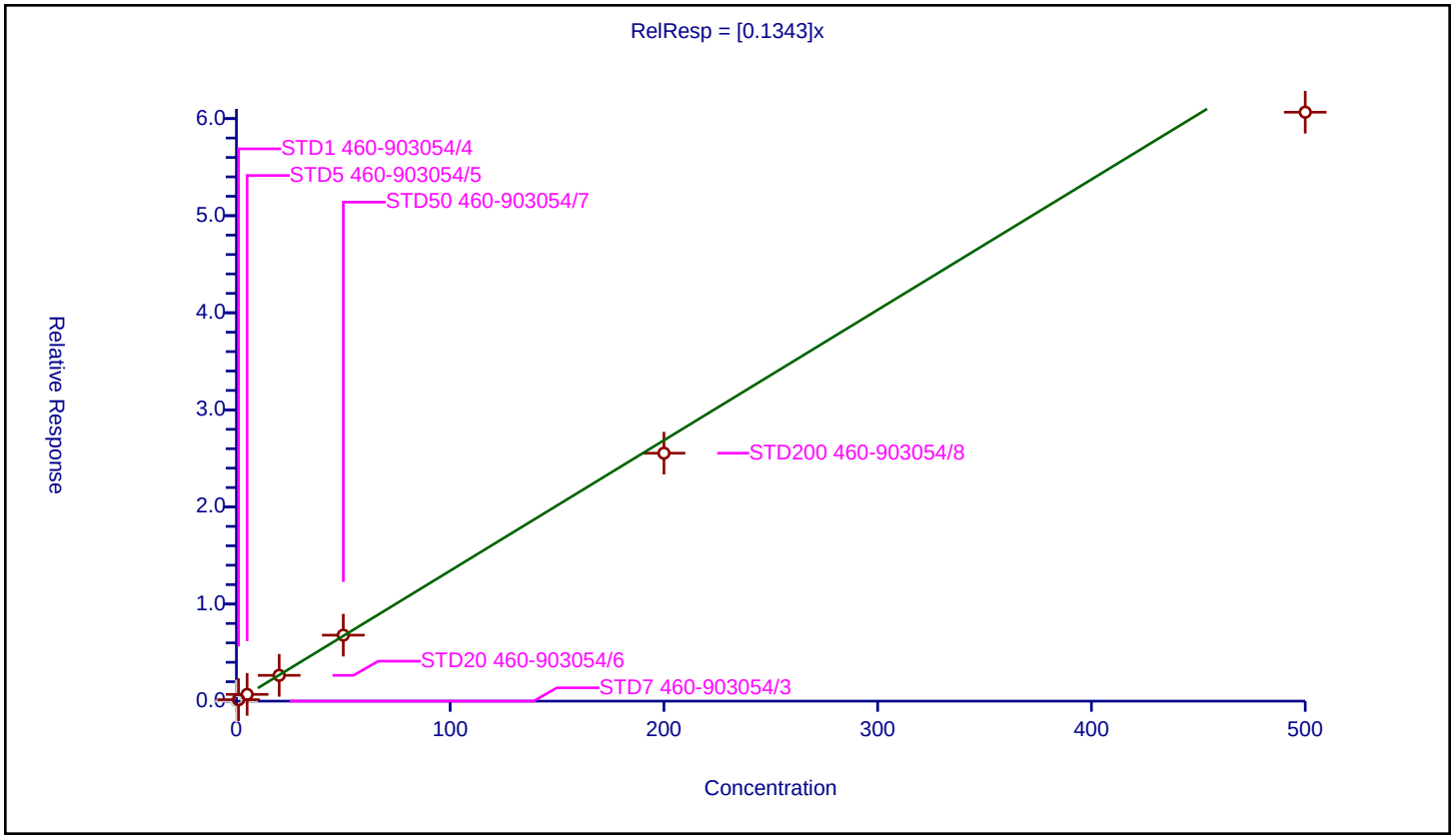
Curve Coefficients

Intercept:	0
Slope:	0.1343

Error Coefficients

Standard Error:	364000
Relative Standard Error:	7.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.149335	50.0	597986.0	0.149335	Y
3	STD5 460-903054/5	5.0	0.694529	50.0	601847.0	0.138906	Y
4	STD20 460-903054/6	20.0	2.656286	50.0	608613.0	0.132814	Y
5	STD50 460-903054/7	50.0	6.796353	50.0	616978.0	0.135927	Y
6	STD200 460-903054/8	200.0	25.538478	50.0	617388.0	0.127692	Y
7	STD500 460-903054/9	500.0	60.660053	50.0	614284.0	0.12132	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

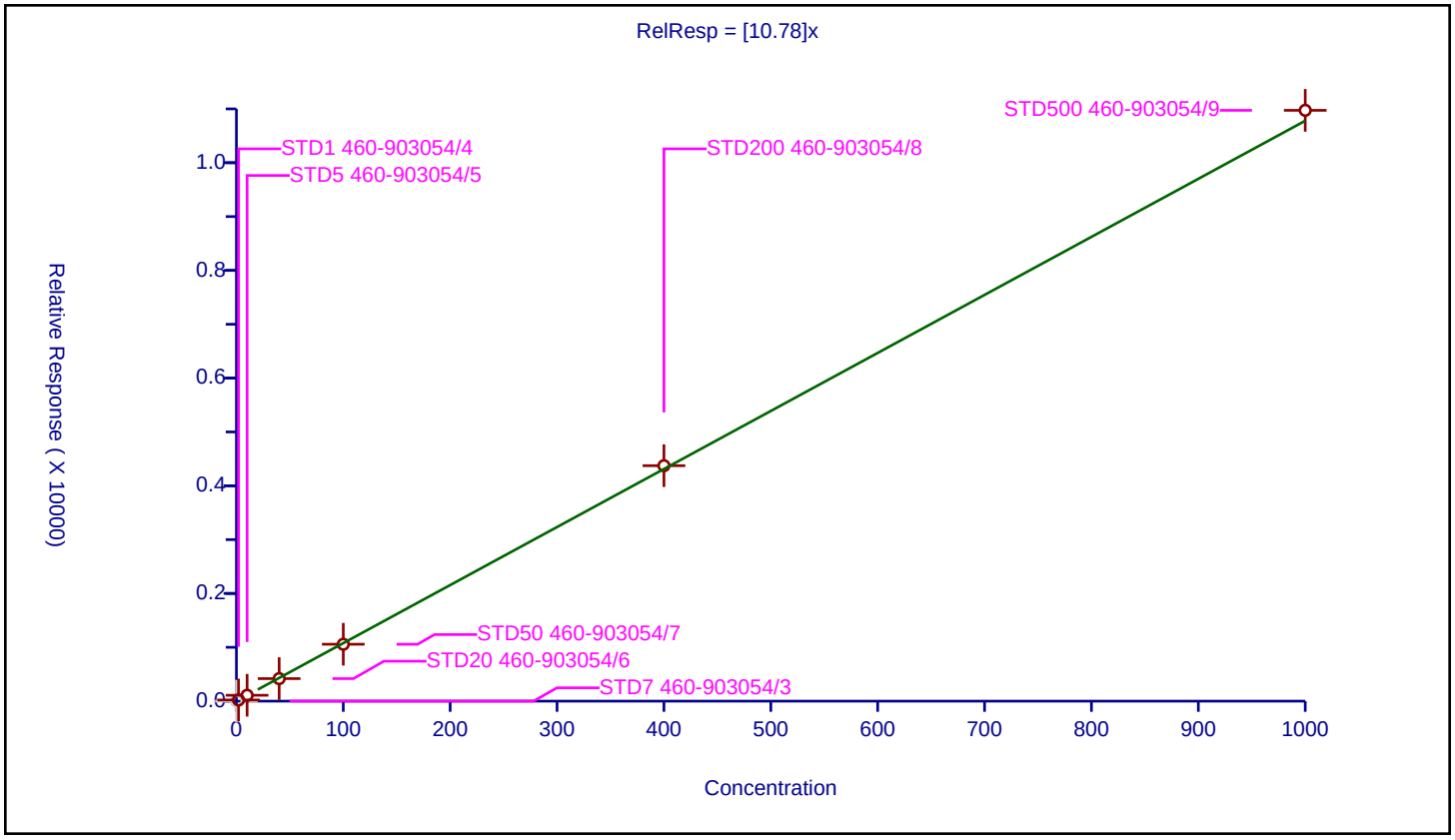
Curve Coefficients

Intercept:	0
Slope:	10.78

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	2.0	21.637789	1000.0	219662.0	10.818894	Y
3	STD5 460-903054/5	10.0	109.28809	1000.0	211066.0	10.928809	Y
4	STD20 460-903054/6	40.0	418.101273	1000.0	216029.0	10.452532	Y
5	STD50 460-903054/7	100.0	1056.704439	1000.0	214798.0	10.567044	Y
6	STD200 460-903054/8	400.0	4373.048979	1000.0	210723.0	10.932622	Y
7	STD500 460-903054/9	1000.0	10973.278433	1000.0	212263.0	10.973278	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

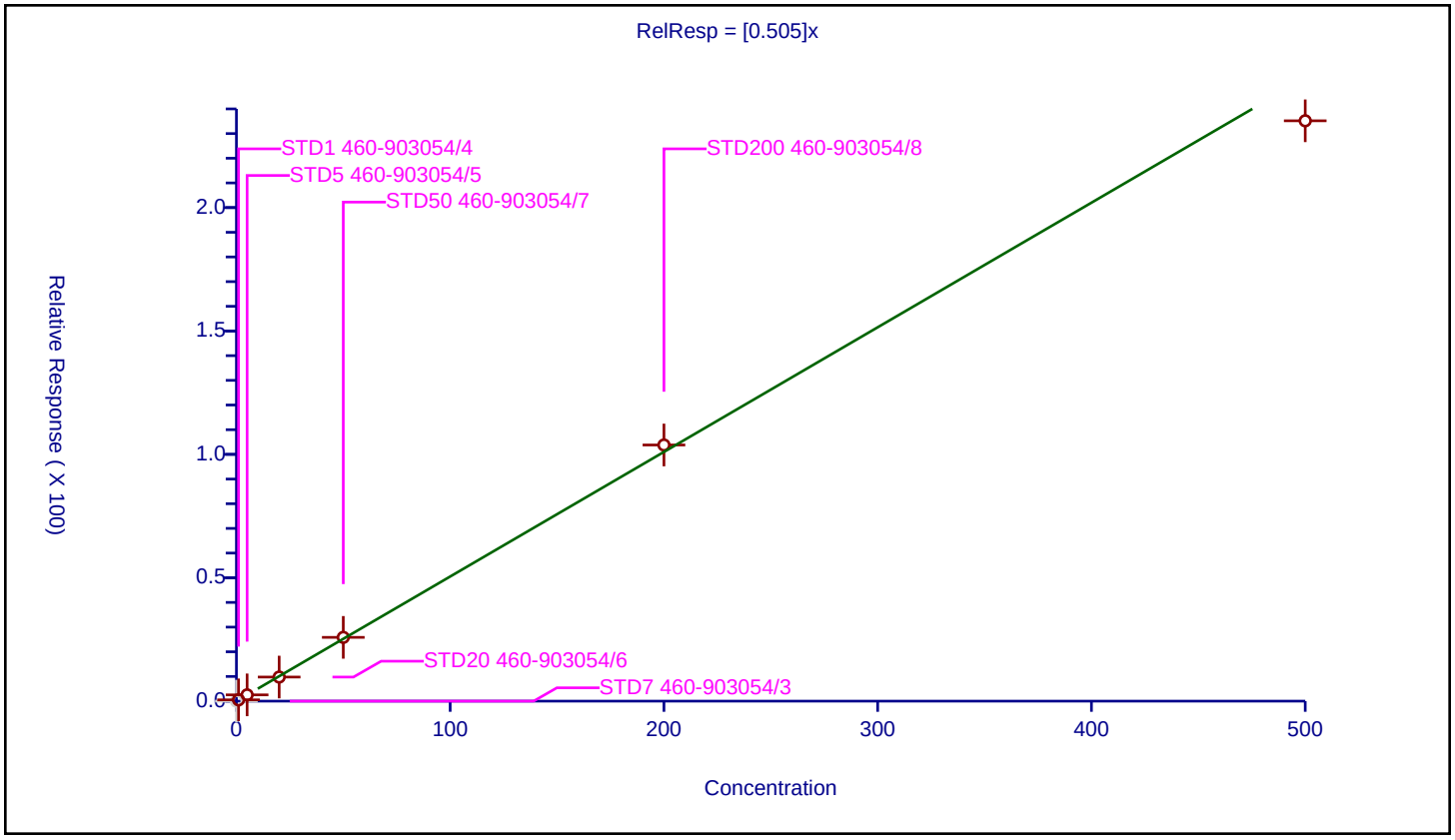
Curve Coefficients

Intercept:	0
Slope:	0.505

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	4.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.526434	50.0	597986.0	0.526434	Y
3	STD5 460-903054/5	5.0	2.545747	50.0	601847.0	0.509149	Y
4	STD20 460-903054/6	20.0	9.761951	50.0	608613.0	0.488098	Y
5	STD50 460-903054/7	50.0	25.840224	50.0	616978.0	0.516804	Y
6	STD200 460-903054/8	200.0	103.805468	50.0	617388.0	0.519027	Y
7	STD500 460-903054/9	500.0	235.17168	50.0	614284.0	0.470343	Y



Calibration / Acetonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

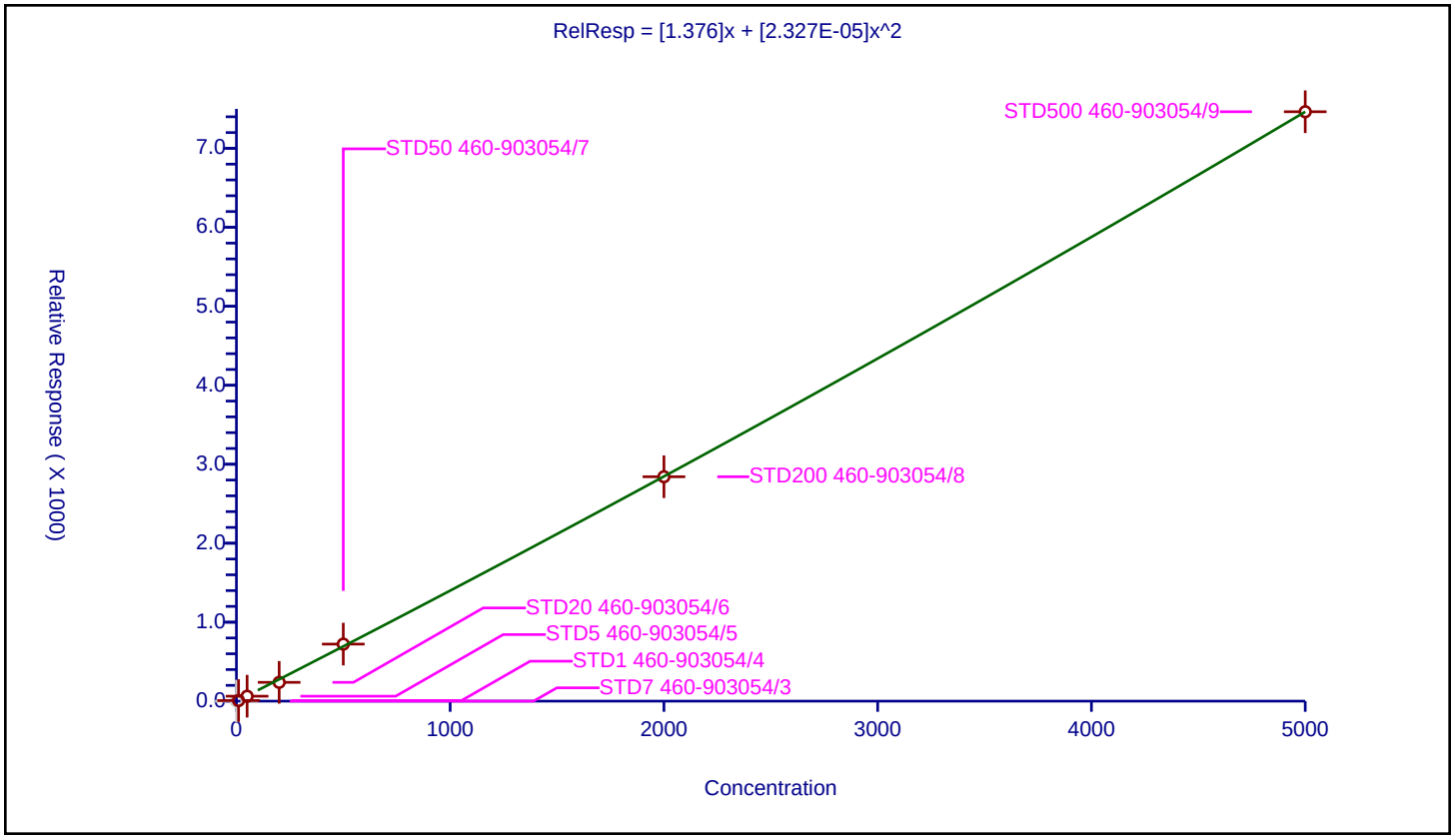
Curve Coefficients

Intercept:	0
Slope:	1.376
Second Order:	2.327E-05

Error Coefficients

Standard Error:	847000
Relative Standard Error:	24.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	10.0	7.333995	1000.0	219662.0	0.733399	Y
3	STD5 460-903054/5	50.0	62.658126	1000.0	211066.0	1.253163	Y
4	STD20 460-903054/6	200.0	238.088405	1000.0	216029.0	1.190442	Y
5	STD50 460-903054/7	500.0	722.166873	1000.0	214798.0	1.444334	Y
6	STD200 460-903054/8	2000.0	2841.673666	1000.0	210723.0	1.420837	Y
7	STD500 460-903054/9	5000.0	7464.046961	1000.0	212263.0	1.492809	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

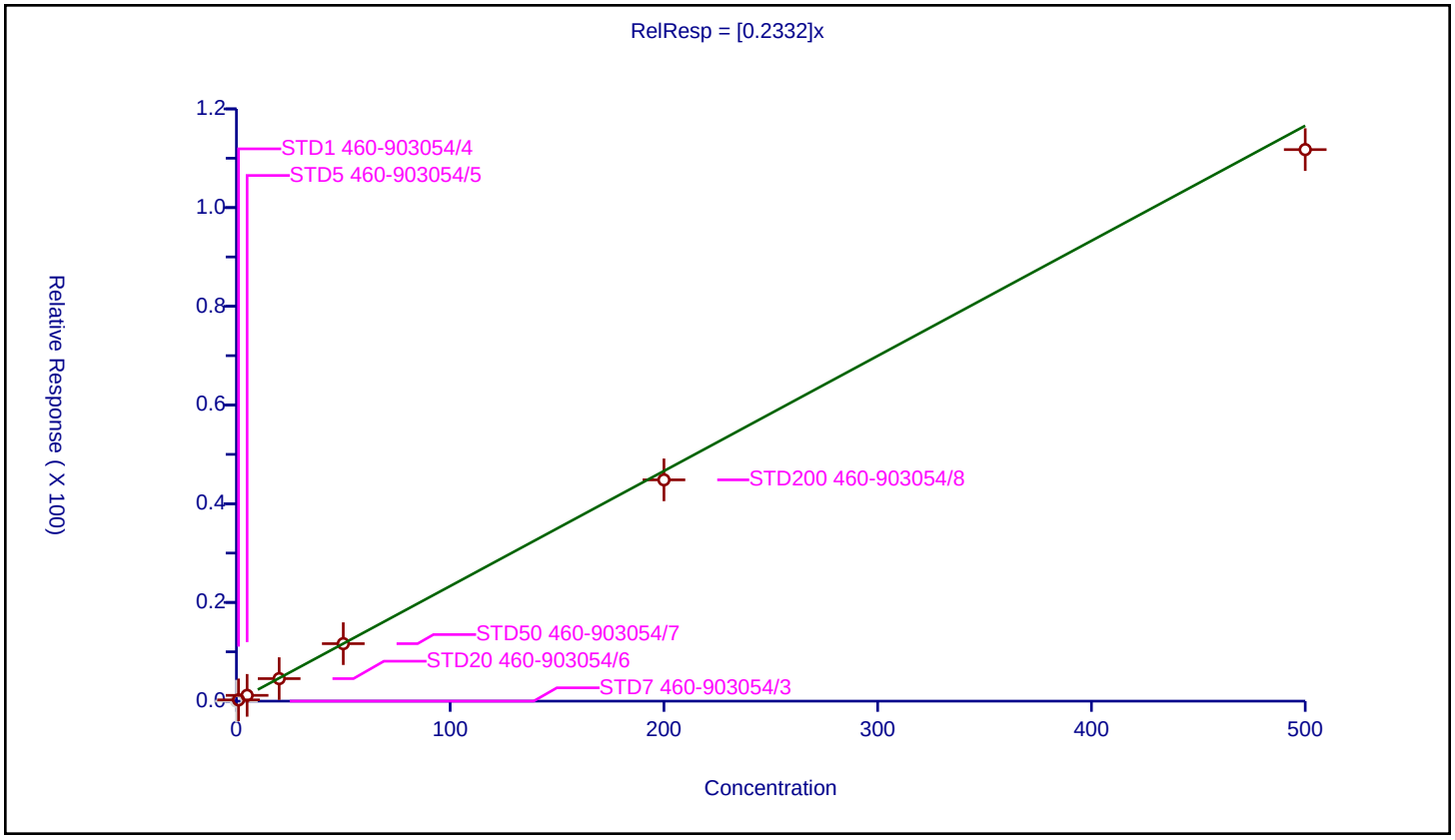
Curve Coefficients

Intercept:	0
Slope:	0.2332

Error Coefficients

Standard Error:	666000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.255441	50.0	597986.0	0.255441	Y
3	STD5 460-903054/5	5.0	1.174219	50.0	601847.0	0.234844	Y
4	STD20 460-903054/6	20.0	4.562341	50.0	608613.0	0.228117	Y
5	STD50 460-903054/7	50.0	11.649038	50.0	616978.0	0.232981	Y
6	STD200 460-903054/8	200.0	44.834772	50.0	617388.0	0.224174	Y
7	STD500 460-903054/9	500.0	111.747661	50.0	614284.0	0.223495	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

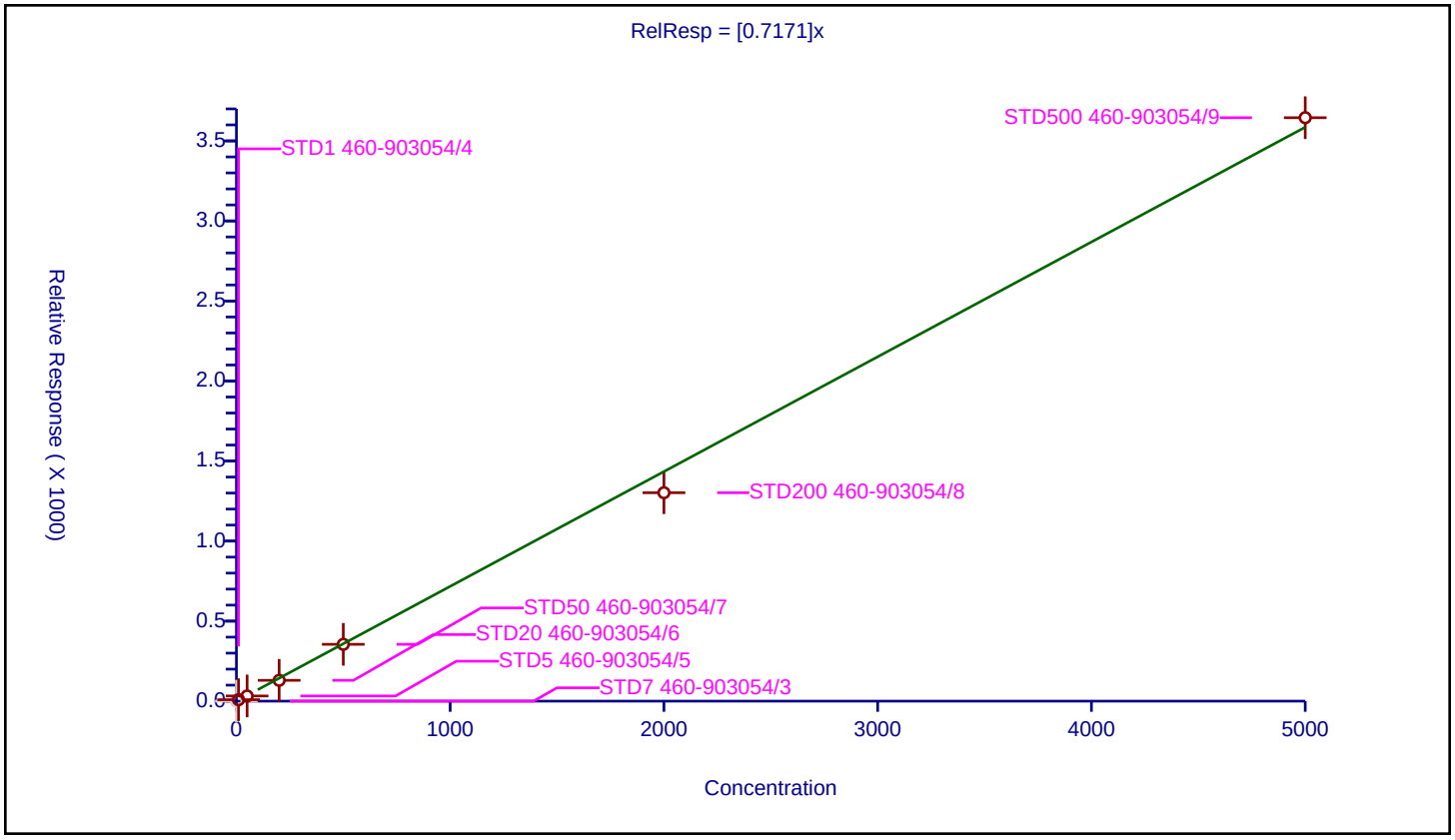
Curve Coefficients

Intercept:	0
Slope:	0.7171

Error Coefficients

Standard Error:	367000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	10.0	9.136765	1000.0	219662.0	0.913676	Y
3	STD5 460-903054/5	50.0	32.444828	1000.0	211066.0	0.648897	Y
4	STD20 460-903054/6	200.0	130.033468	1000.0	216029.0	0.650167	Y
5	STD50 460-903054/7	500.0	354.975372	1000.0	214798.0	0.709951	Y
6	STD200 460-903054/8	2000.0	1302.093269	1000.0	210723.0	0.651047	Y
7	STD500 460-903054/9	5000.0	3644.926341	1000.0	212263.0	0.728985	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

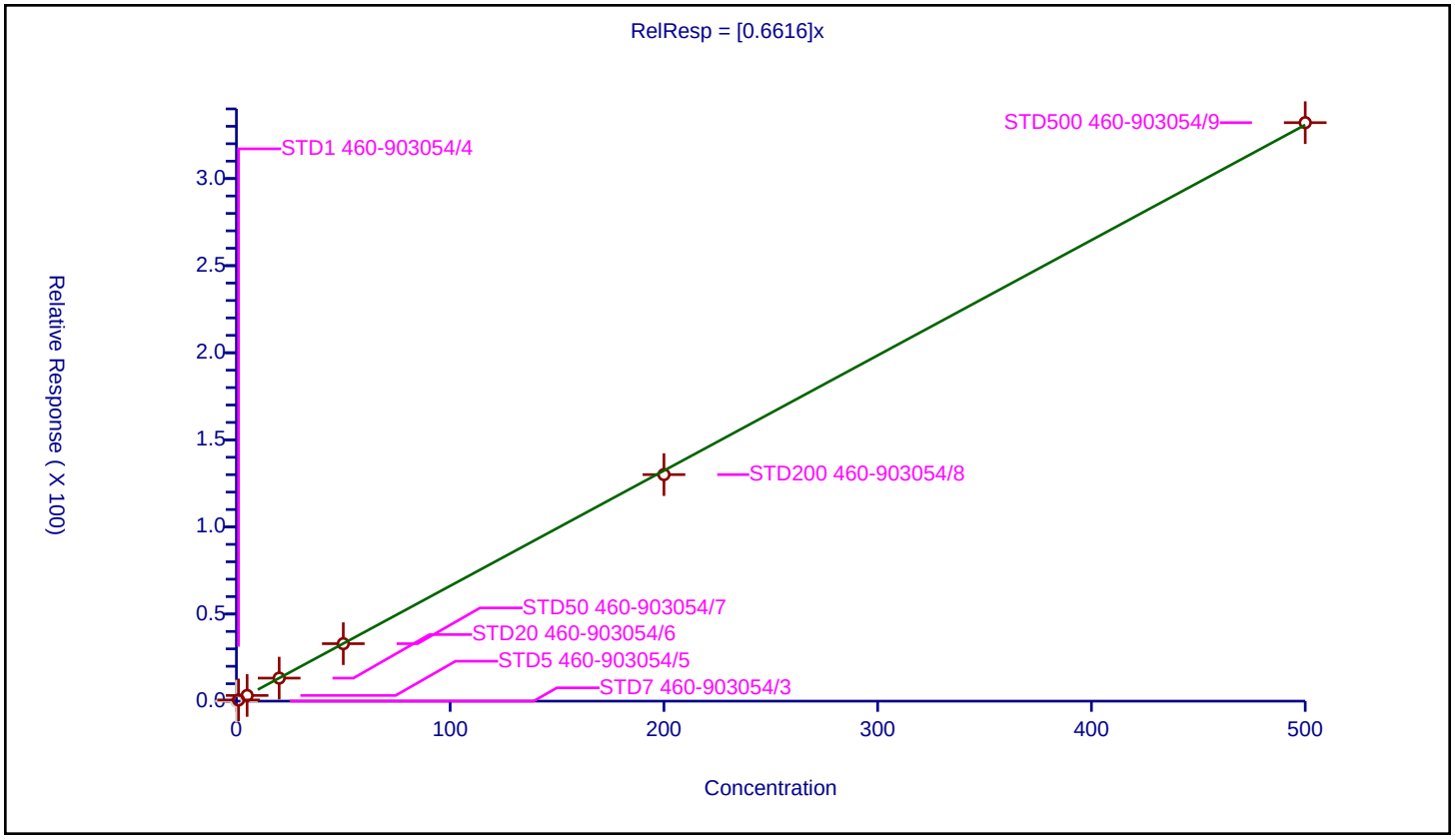
Curve Coefficients

Intercept:	0
Slope:	0.6616

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	1.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.682792	50.0	597986.0	0.682792	Y
3	STD5 460-903054/5	5.0	3.261128	50.0	601847.0	0.652226	Y
4	STD20 460-903054/6	20.0	13.215377	50.0	608613.0	0.660769	Y
5	STD50 460-903054/7	50.0	32.981403	50.0	616978.0	0.659628	Y
6	STD200 460-903054/8	200.0	130.047717	50.0	617388.0	0.650239	Y
7	STD500 460-903054/9	500.0	332.092159	50.0	614284.0	0.664184	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

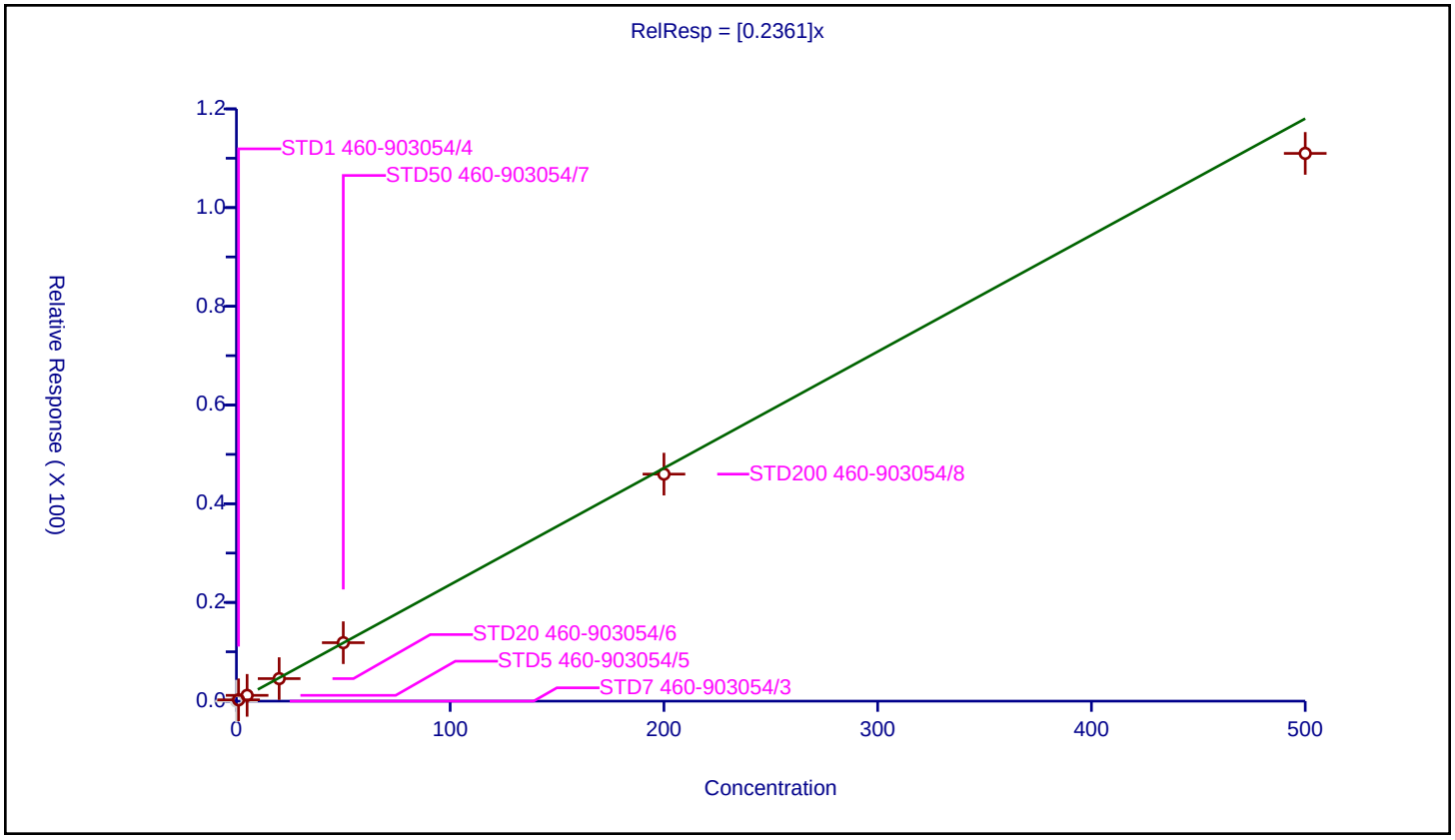
Curve Coefficients

Intercept:	0
Slope:	0.2361

Error Coefficients

Standard Error:	664000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.264973	50.0	597986.0	0.264973	Y
3	STD5 460-903054/5	5.0	1.172225	50.0	601847.0	0.234445	Y
4	STD20 460-903054/6	20.0	4.561273	50.0	608613.0	0.228064	Y
5	STD50 460-903054/7	50.0	11.844426	50.0	616978.0	0.236889	Y
6	STD200 460-903054/8	200.0	45.999922	50.0	617388.0	0.23	Y
7	STD500 460-903054/9	500.0	110.983763	50.0	614284.0	0.221968	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

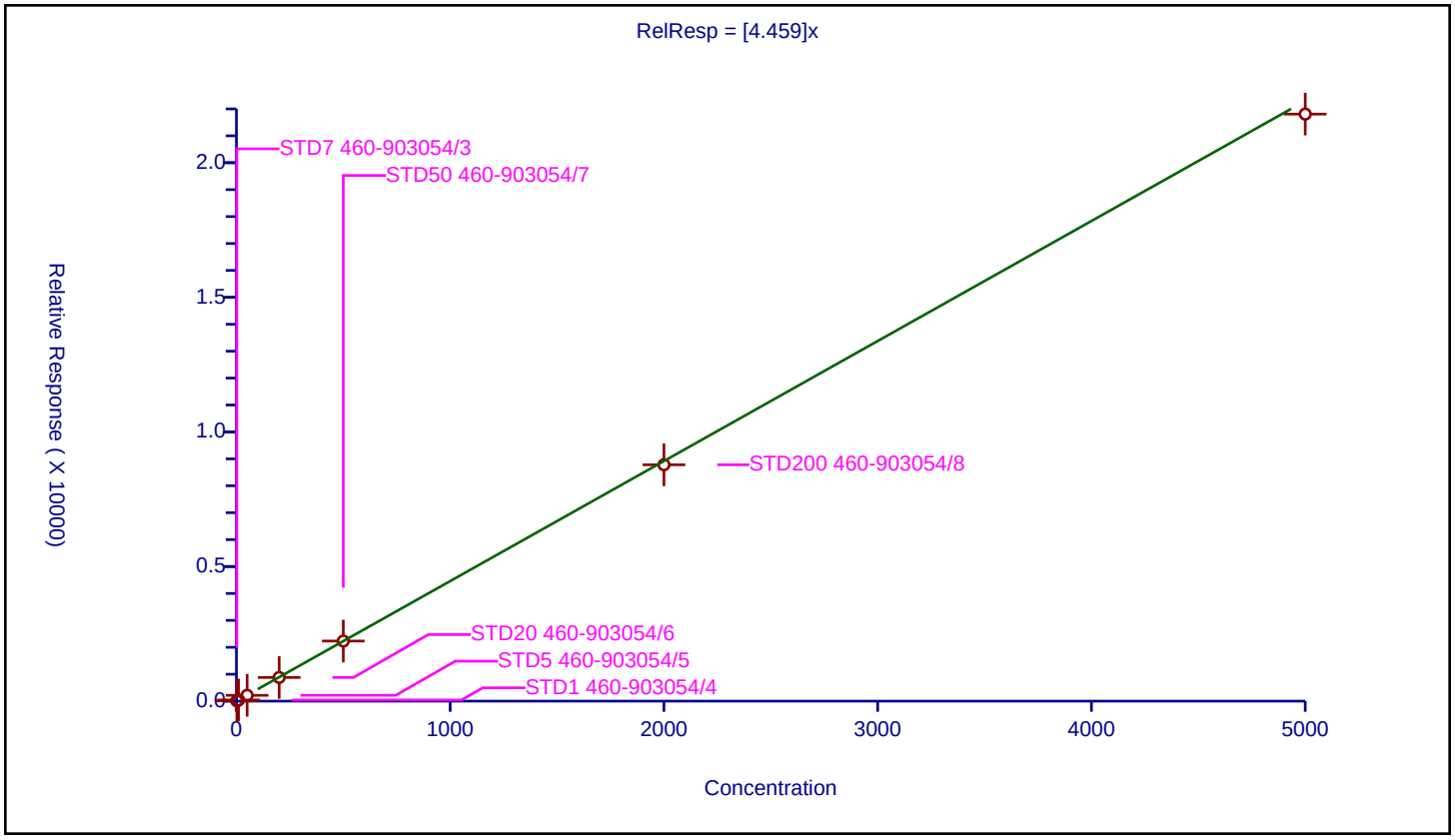
Curve Coefficients

Intercept:	0
Slope:	4.459

Error Coefficients

Standard Error:	2040000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	2.0	10.154085	1000.0	211442.0	5.077042	Y
2	STD1 460-903054/4	10.0	42.069179	1000.0	219662.0	4.206918	Y
3	STD5 460-903054/5	50.0	215.776108	1000.0	211066.0	4.315522	Y
4	STD20 460-903054/6	200.0	879.409709	1000.0	216029.0	4.397049	Y
5	STD50 460-903054/7	500.0	2232.50682	1000.0	214798.0	4.465014	Y
6	STD200 460-903054/8	2000.0	8779.753515	1000.0	210723.0	4.389877	Y
7	STD500 460-903054/9	5000.0	21806.956464	1000.0	212263.0	4.361391	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

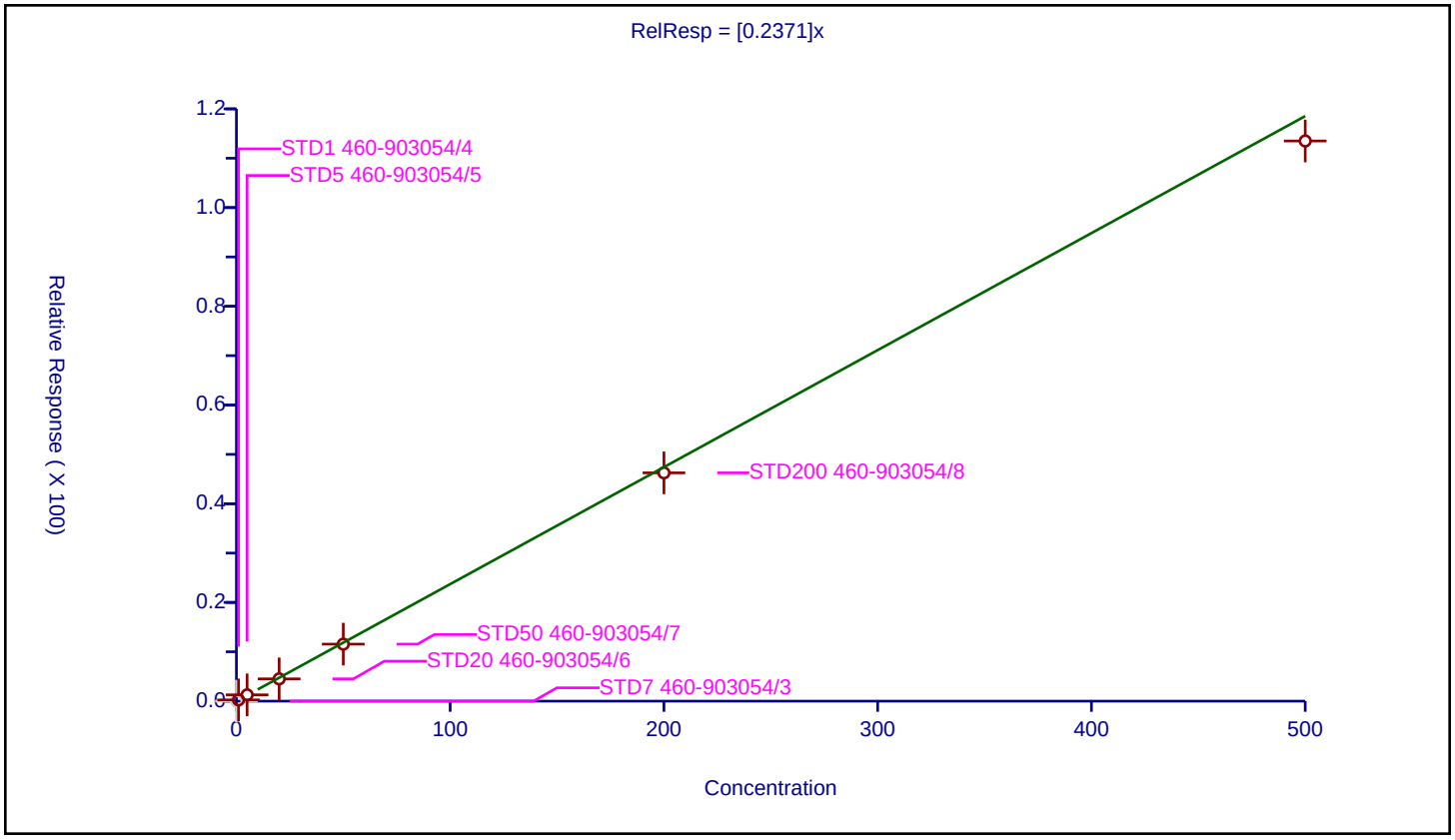
Curve Coefficients

Intercept:	0
Slope:	0.2371

Error Coefficients

Standard Error:	677000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.252431	50.0	597986.0	0.252431	Y
3	STD5 460-903054/5	5.0	1.275573	50.0	601847.0	0.255115	Y
4	STD20 460-903054/6	20.0	4.512802	50.0	608613.0	0.22564	Y
5	STD50 460-903054/7	50.0	11.548872	50.0	616978.0	0.230977	Y
6	STD200 460-903054/8	200.0	46.254948	50.0	617388.0	0.231275	Y
7	STD500 460-903054/9	500.0	113.499375	50.0	614284.0	0.226999	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

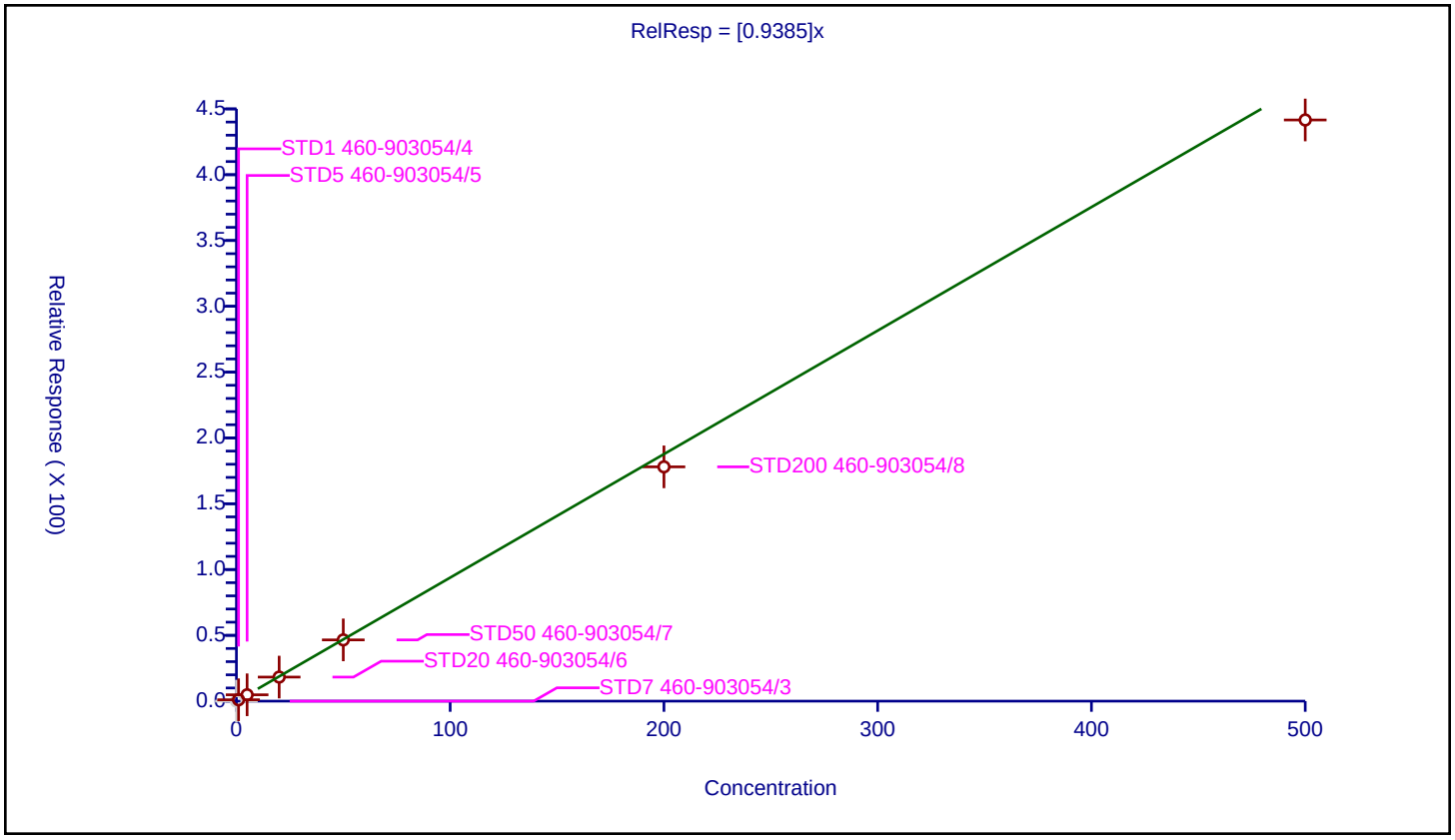
Curve Coefficients

Intercept:	0
Slope:	0.9385

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	1.047014	50.0	597986.0	1.047014	Y
3	STD5 460-903054/5	5.0	4.825728	50.0	601847.0	0.965146	Y
4	STD20 460-903054/6	20.0	18.291591	50.0	608613.0	0.91458	Y
5	STD50 460-903054/7	50.0	46.543718	50.0	616978.0	0.930874	Y
6	STD200 460-903054/8	200.0	178.017389	50.0	617388.0	0.890087	Y
7	STD500 460-903054/9	500.0	441.57686	50.0	614284.0	0.883154	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

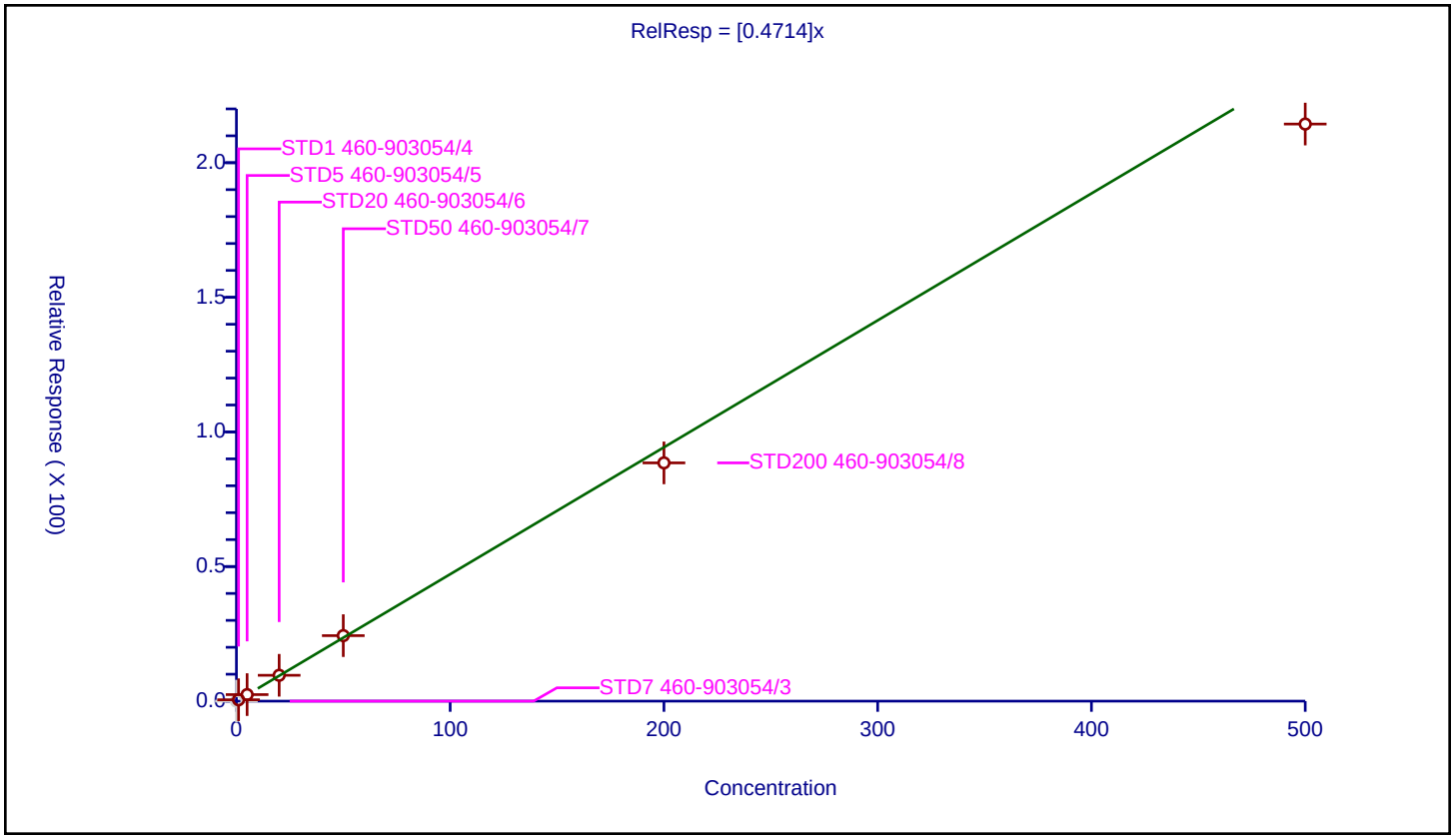
Curve Coefficients

Intercept:	0
Slope:	0.4714

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.504945	50.0	597986.0	0.504945	Y
3	STD5 460-903054/5	5.0	2.427776	50.0	601847.0	0.485555	Y
4	STD20 460-903054/6	20.0	9.603804	50.0	608613.0	0.48019	Y
5	STD50 460-903054/7	50.0	24.335795	50.0	616978.0	0.486716	Y
6	STD200 460-903054/8	200.0	88.508361	50.0	617388.0	0.442542	Y
7	STD500 460-903054/9	500.0	214.37047	50.0	614284.0	0.428741	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

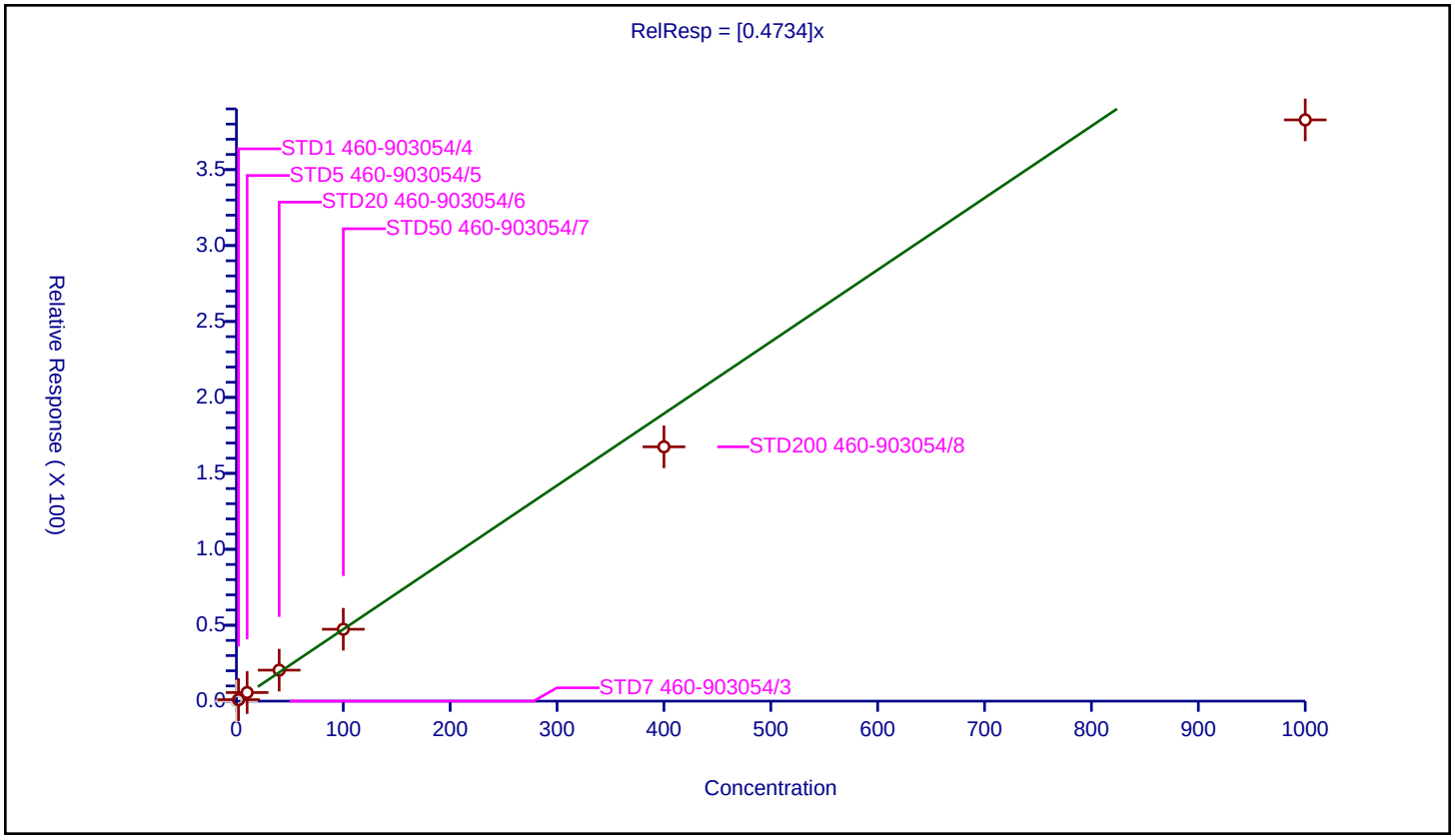
Curve Coefficients

Intercept:	0
Slope:	0.4734

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	13.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	2.0	0.977866	50.0	597986.0	0.488933	Y
3	STD5 460-903054/5	10.0	5.659246	50.0	601847.0	0.565925	Y
4	STD20 460-903054/6	40.0	20.414779	50.0	608613.0	0.510369	Y
5	STD50 460-903054/7	100.0	47.346988	50.0	616978.0	0.47347	Y
6	STD200 460-903054/8	400.0	167.468027	50.0	617388.0	0.41867	Y
7	STD500 460-903054/9	1000.0	382.75187	50.0	614284.0	0.382752	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

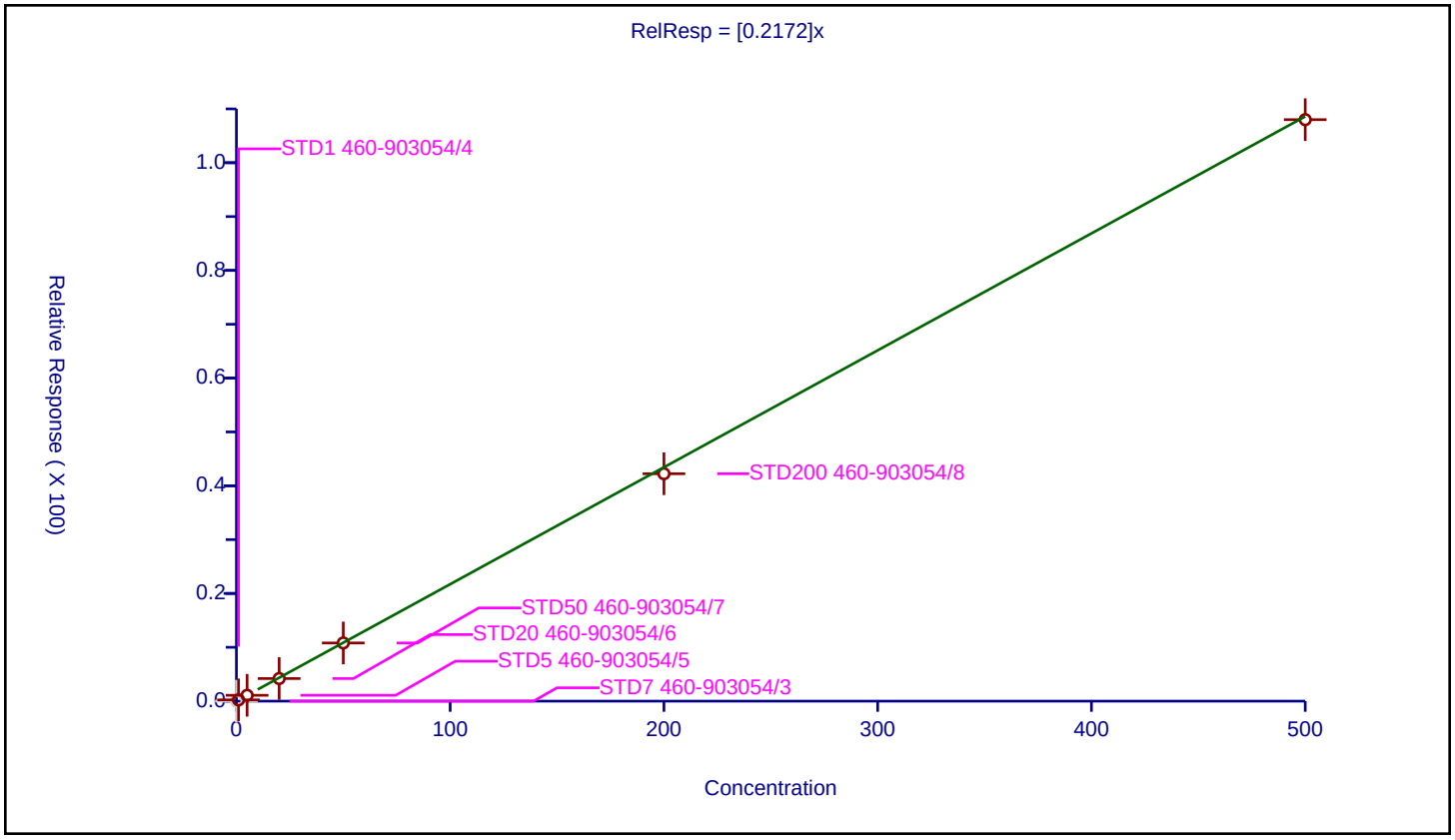
Curve Coefficients

Intercept:	0
Slope:	0.2172

Error Coefficients

Standard Error:	641000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.233032	50.0	597986.0	0.233032	Y
3	STD5 460-903054/5	5.0	1.083747	50.0	601847.0	0.216749	Y
4	STD20 460-903054/6	20.0	4.19922	50.0	608613.0	0.209961	Y
5	STD50 460-903054/7	50.0	10.807192	50.0	616978.0	0.216144	Y
6	STD200 460-903054/8	200.0	42.238106	50.0	617388.0	0.211191	Y
7	STD500 460-903054/9	500.0	107.99972	50.0	614284.0	0.215999	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

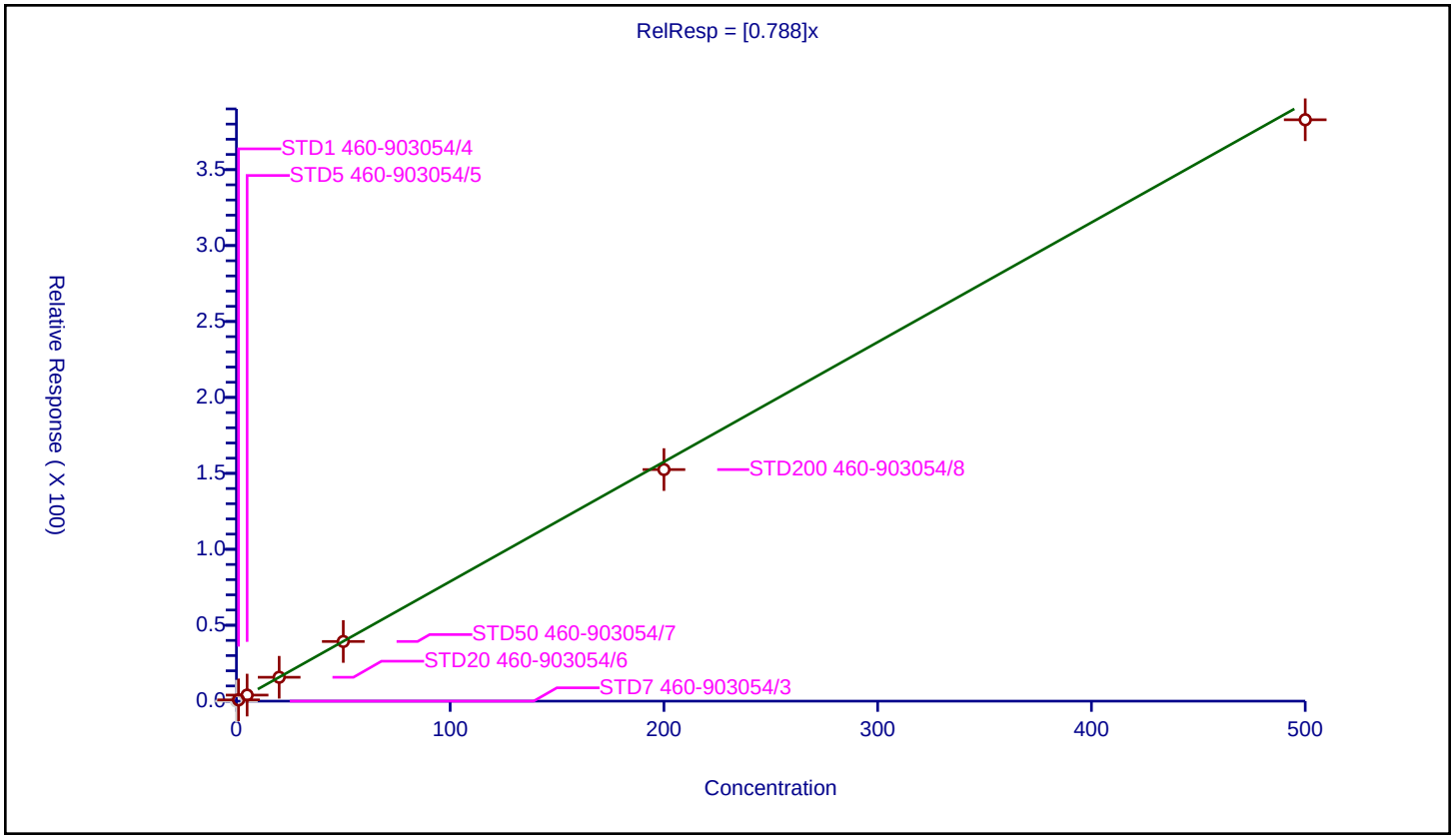
Curve Coefficients

Intercept:	0
Slope:	0.788

Error Coefficients

Standard Error:	2280000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.83012	50.0	597986.0	0.83012	Y
3	STD5 460-903054/5	5.0	3.985149	50.0	601847.0	0.79703	Y
4	STD20 460-903054/6	20.0	15.731836	50.0	608613.0	0.786592	Y
5	STD50 460-903054/7	50.0	39.30367	50.0	616978.0	0.786073	Y
6	STD200 460-903054/8	200.0	152.498591	50.0	617388.0	0.762493	Y
7	STD500 460-903054/9	500.0	382.846696	50.0	614284.0	0.765693	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

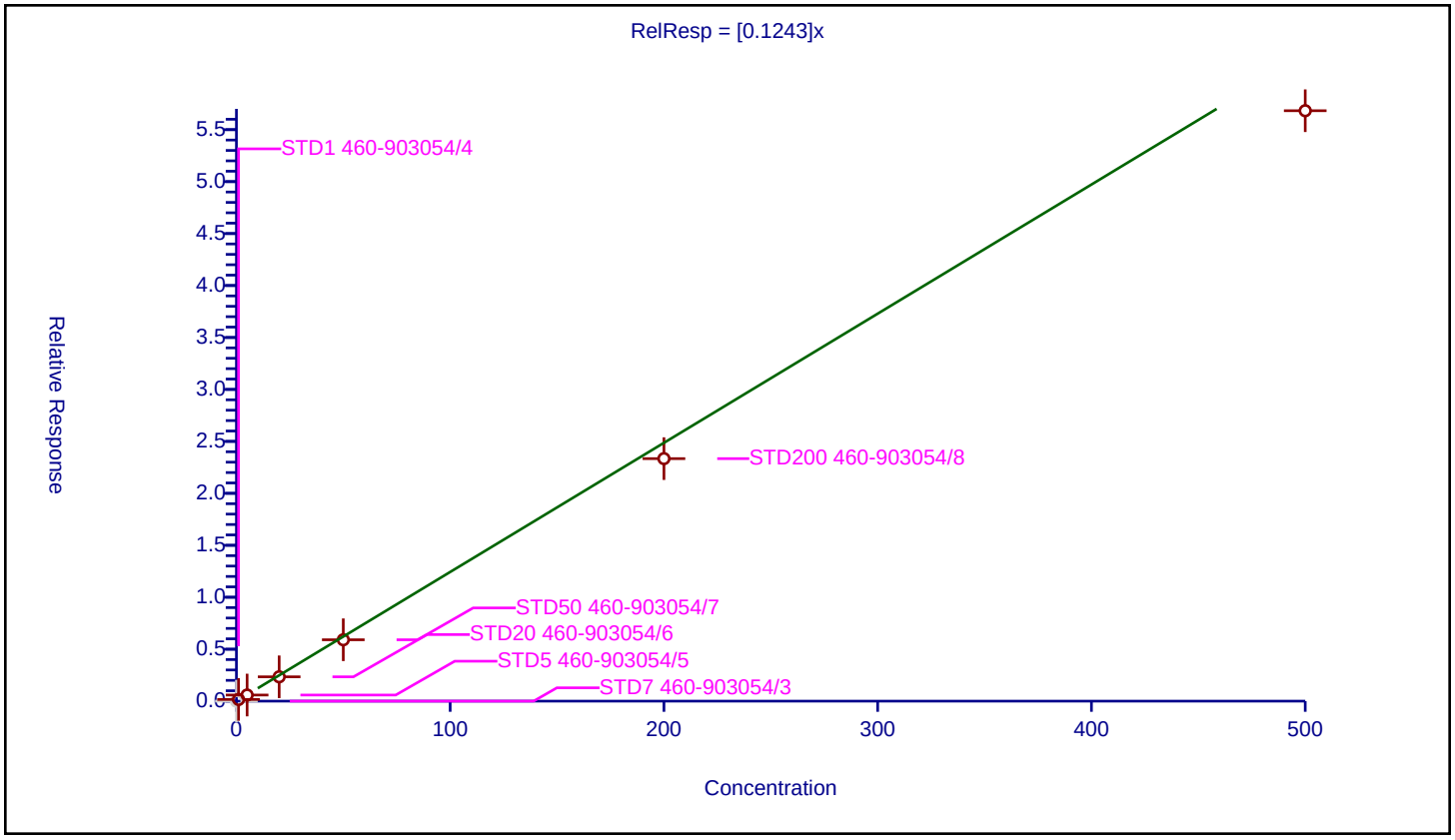
Curve Coefficients

Intercept:	0
Slope:	0.1243

Error Coefficients

Standard Error:	340000
Relative Standard Error:	15.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.162462	50.0	597986.0	0.162462	Y
3	STD5 460-903054/5	5.0	0.588771	50.0	601847.0	0.117754	Y
4	STD20 460-903054/6	20.0	2.342047	50.0	608613.0	0.117102	Y
5	STD50 460-903054/7	50.0	5.90645	50.0	616978.0	0.118129	Y
6	STD200 460-903054/8	200.0	23.340347	50.0	617388.0	0.116702	Y
7	STD500 460-903054/9	500.0	56.82274	50.0	614284.0	0.113645	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

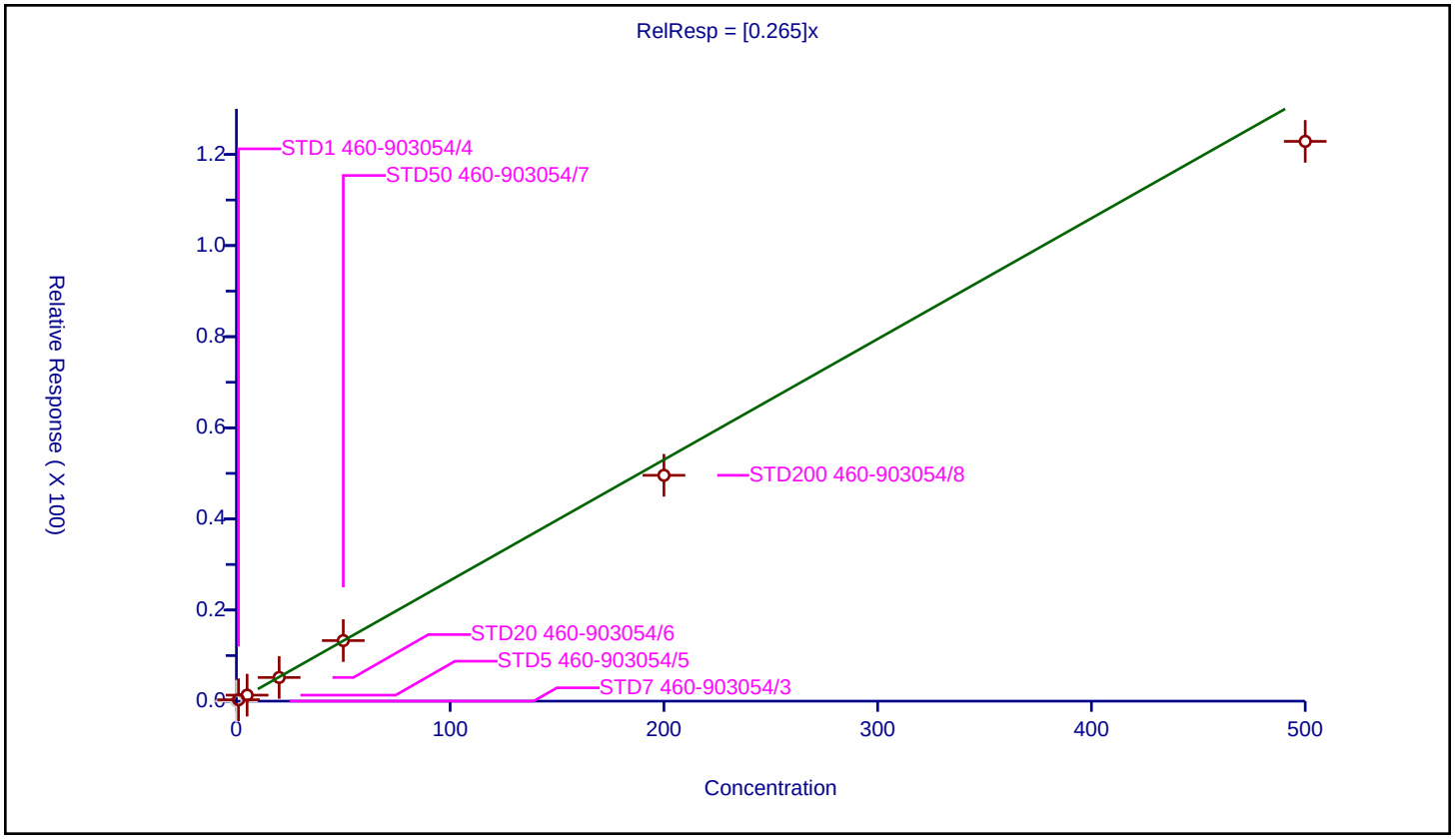
Curve Coefficients

Intercept:	0
Slope:	0.265

Error Coefficients

Standard Error:	733000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.307114	50.0	597986.0	0.307114	Y
3	STD5 460-903054/5	5.0	1.318275	50.0	601847.0	0.263655	Y
4	STD20 460-903054/6	20.0	5.193202	50.0	608613.0	0.25966	Y
5	STD50 460-903054/7	50.0	13.290506	50.0	616978.0	0.26581	Y
6	STD200 460-903054/8	200.0	49.573931	50.0	617388.0	0.24787	Y
7	STD500 460-903054/9	500.0	122.87118	50.0	614284.0	0.245742	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

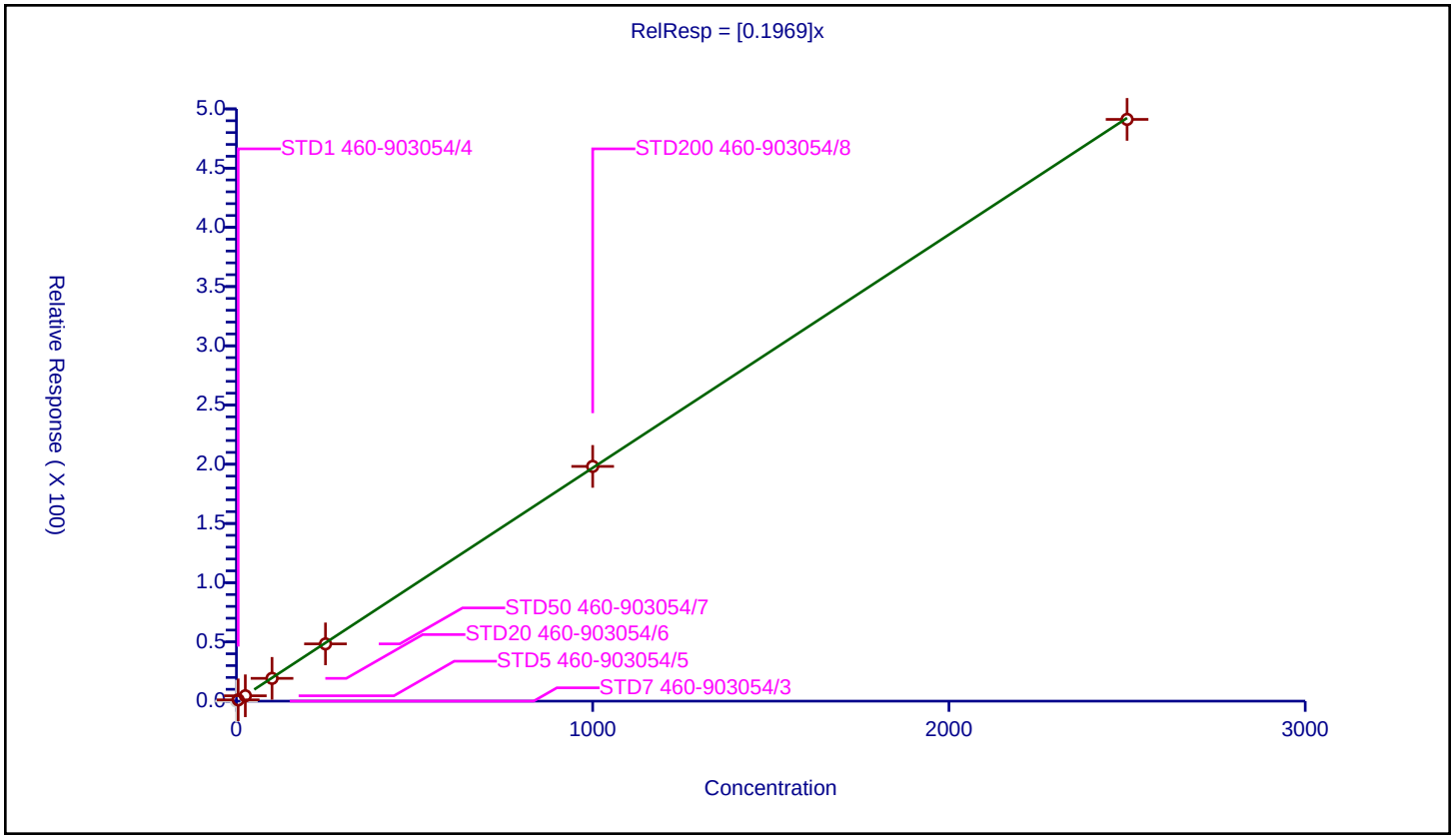
Curve Coefficients

Intercept:	0
Slope:	0.1969

Error Coefficients

Standard Error:	312000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	5.0	1.099202	250.0	310225.0	0.21984	Y
3	STD5 460-903054/5	25.0	4.539214	250.0	309580.0	0.181569	Y
4	STD20 460-903054/6	100.0	19.228205	250.0	307465.0	0.192282	Y
5	STD50 460-903054/7	250.0	48.325338	250.0	315616.0	0.193301	Y
6	STD200 460-903054/8	1000.0	198.184489	250.0	318891.0	0.198184	Y
7	STD500 460-903054/9	2500.0	491.132674	250.0	329468.0	0.196453	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

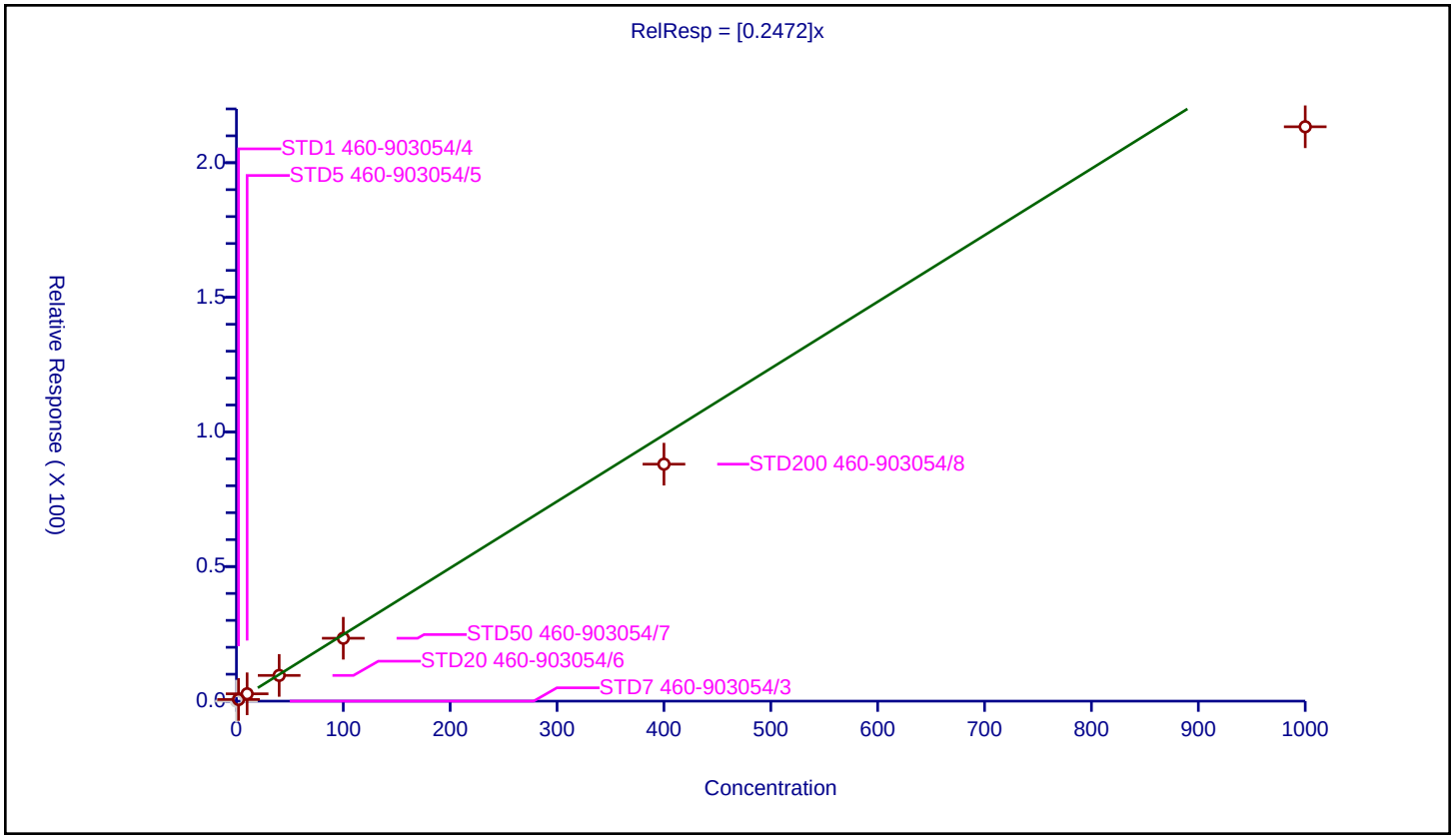
Curve Coefficients

Intercept:	0
Slope:	0.2472

Error Coefficients

Standard Error:	136000
Relative Standard Error:	14.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	2.0	0.610041	250.0	310225.0	0.305021	Y
3	STD5 460-903054/5	10.0	2.725467	250.0	309580.0	0.272547	Y
4	STD20 460-903054/6	40.0	9.553933	250.0	307465.0	0.238848	Y
5	STD50 460-903054/7	100.0	23.360666	250.0	315616.0	0.233607	Y
6	STD200 460-903054/8	400.0	88.026159	250.0	318891.0	0.220065	Y
7	STD500 460-903054/9	1000.0	213.364424	250.0	329468.0	0.213364	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

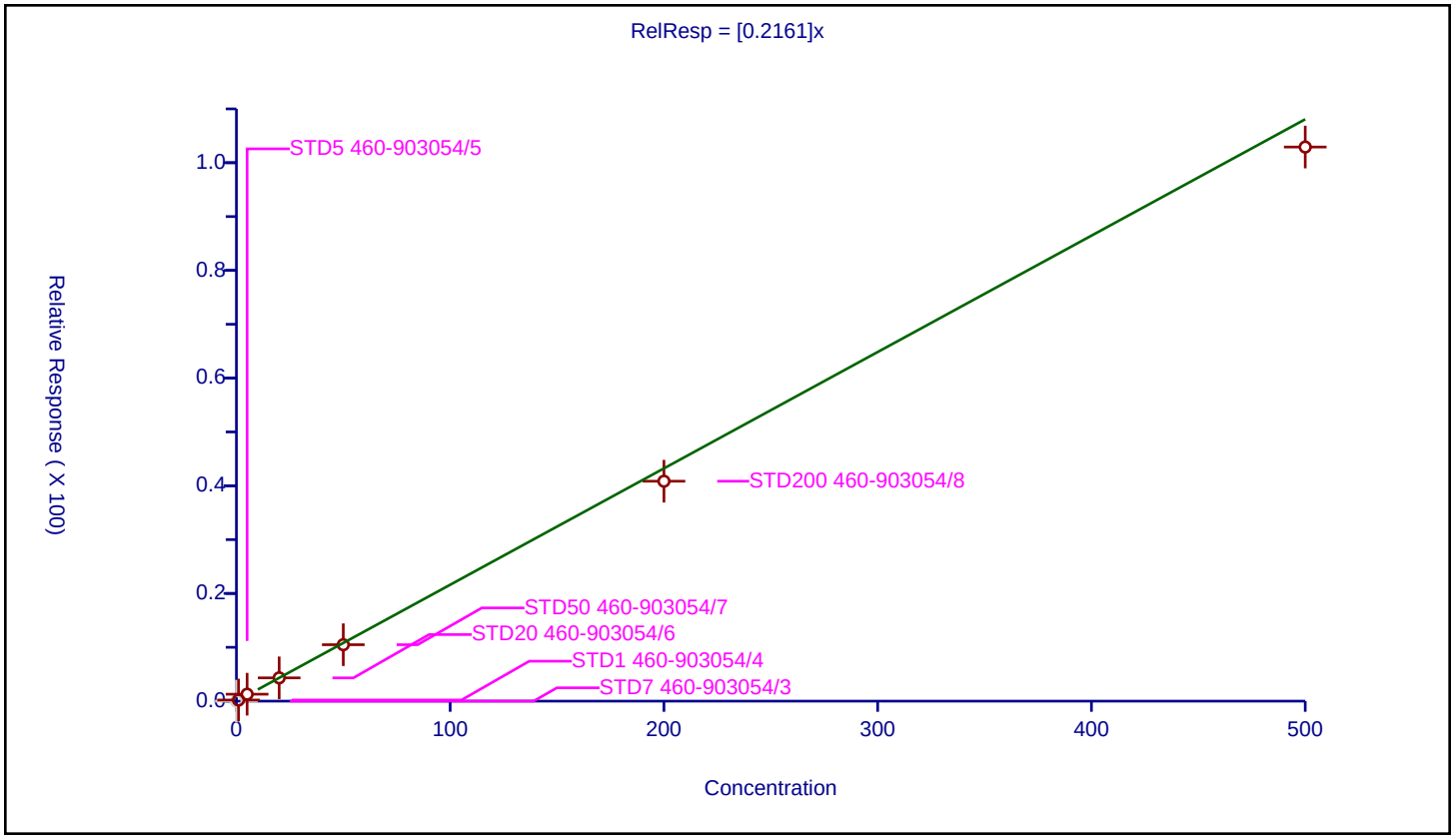
Curve Coefficients

Intercept:	0
Slope:	0.2161

Error Coefficients

Standard Error:	612000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.203516	50.0	597986.0	0.203516	Y
3	STD5 460-903054/5	5.0	1.288533	50.0	601847.0	0.257707	Y
4	STD20 460-903054/6	20.0	4.318672	50.0	608613.0	0.215934	Y
5	STD50 460-903054/7	50.0	10.481654	50.0	616978.0	0.209633	Y
6	STD200 460-903054/8	200.0	40.848462	50.0	617388.0	0.204242	Y
7	STD500 460-903054/9	500.0	102.915671	50.0	614284.0	0.205831	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

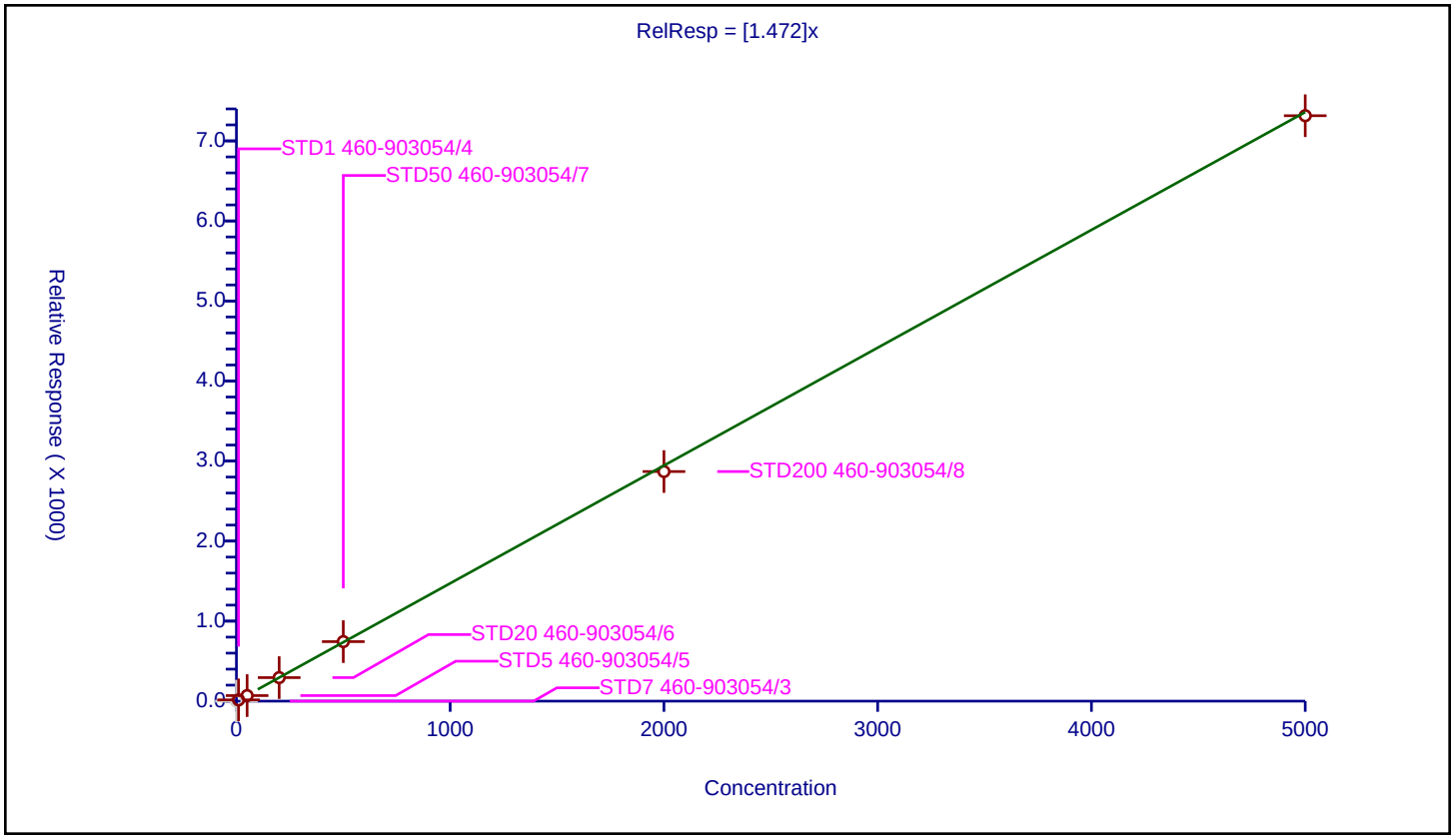
Curve Coefficients

Intercept:	0
Slope:	1.472

Error Coefficients

Standard Error:	746000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	10.0	15.924466	1000.0	219662.0	1.592447	Y
3	STD5 460-903054/5	50.0	69.220054	1000.0	211066.0	1.384401	Y
4	STD20 460-903054/6	200.0	294.011452	1000.0	216029.0	1.470057	Y
5	STD50 460-903054/7	500.0	743.64752	1000.0	214798.0	1.487295	Y
6	STD200 460-903054/8	2000.0	2868.671194	1000.0	210723.0	1.434336	Y
7	STD500 460-903054/9	5000.0	7314.774596	1000.0	212263.0	1.462955	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

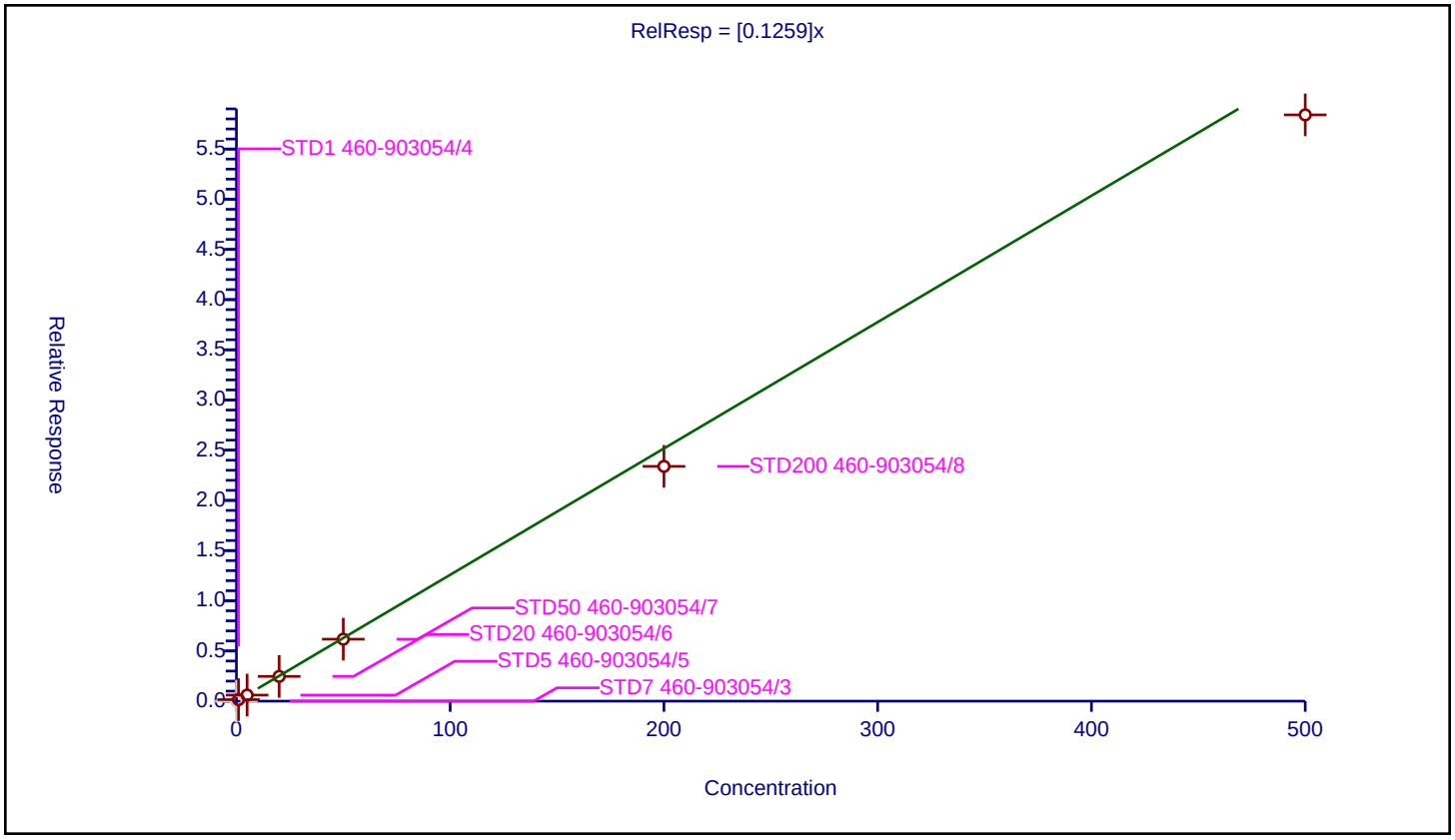
Curve Coefficients

Intercept:	0
Slope:	0.1259

Error Coefficients

Standard Error:	348000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.153683	50.0	597986.0	0.153683	Y
3	STD5 460-903054/5	5.0	0.604722	50.0	601847.0	0.120944	Y
4	STD20 460-903054/6	20.0	2.466263	50.0	608613.0	0.123313	Y
5	STD50 460-903054/7	50.0	6.173883	50.0	616978.0	0.123478	Y
6	STD200 460-903054/8	200.0	23.386509	50.0	617388.0	0.116933	Y
7	STD500 460-903054/9	500.0	58.403768	50.0	614284.0	0.116808	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

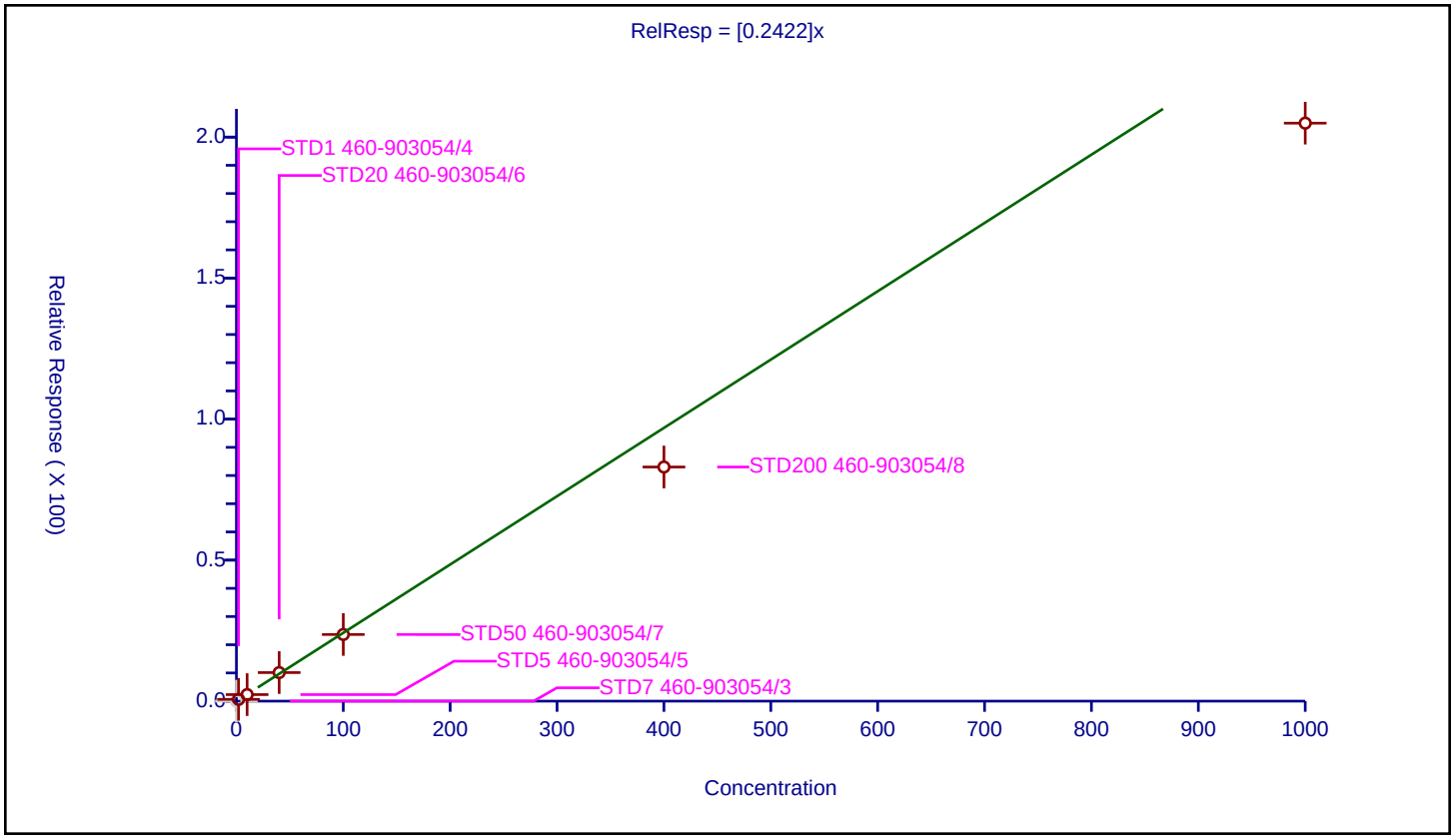
Curve Coefficients

Intercept:	0
Slope:	0.2422

Error Coefficients

Standard Error:	130000
Relative Standard Error:	17.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.960

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	2.0	0.638246	250.0	310225.0	0.319123	Y
3	STD5 460-903054/5	10.0	2.321694	250.0	309580.0	0.232169	Y
4	STD20 460-903054/6	40.0	10.12473	250.0	307465.0	0.253118	Y
5	STD50 460-903054/7	100.0	23.63711	250.0	315616.0	0.236371	Y
6	STD200 460-903054/8	400.0	83.020531	250.0	318891.0	0.207551	Y
7	STD500 460-903054/9	1000.0	204.951619	250.0	329468.0	0.204952	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

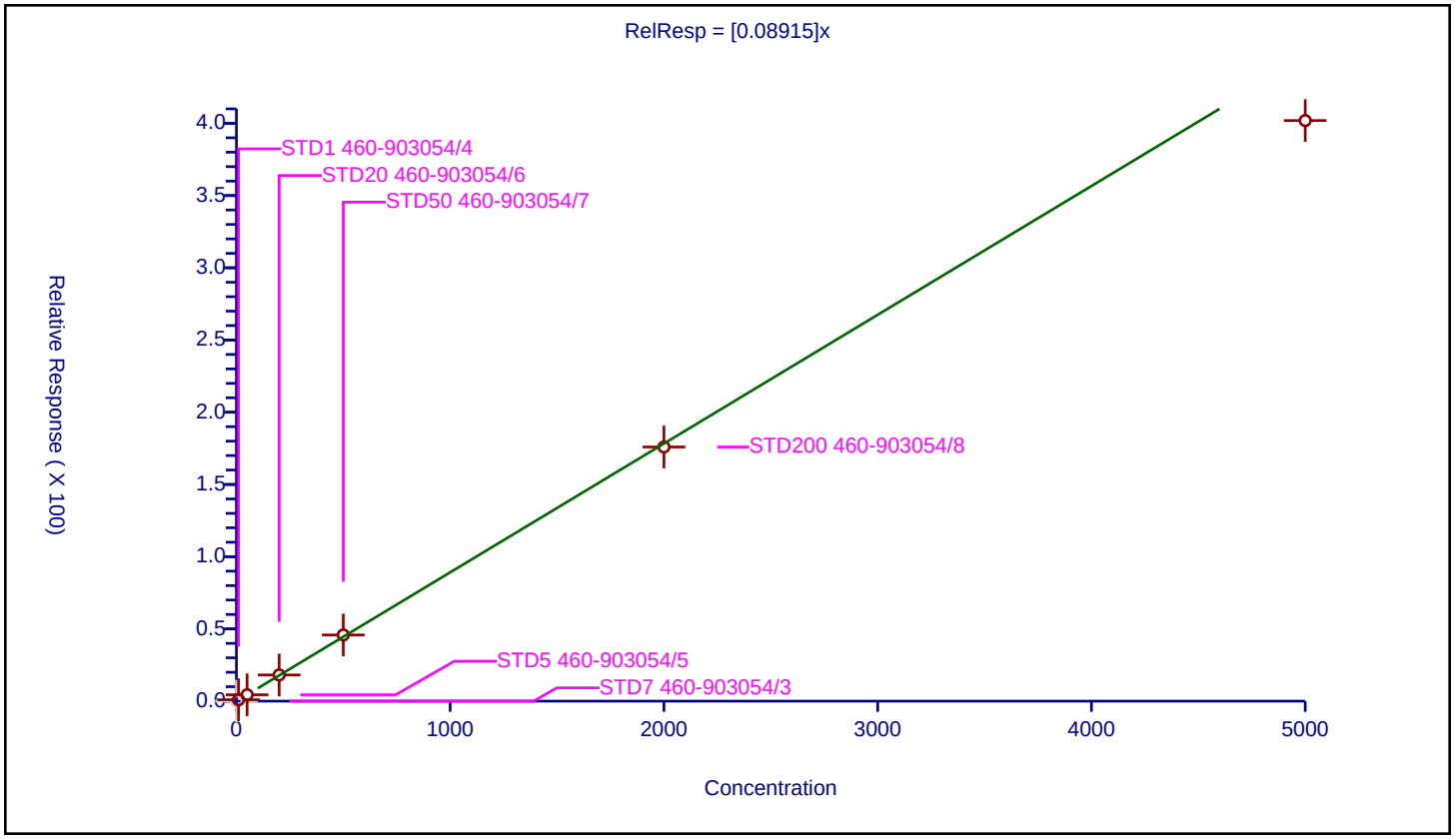
Curve Coefficients

Intercept:	0
Slope:	0.08915

Error Coefficients

Standard Error:	2430000
Relative Standard Error:	5.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	10.0	0.961561	50.0	597986.0	0.096156	Y
3	STD5 460-903054/5	50.0	4.407183	50.0	601847.0	0.088144	Y
4	STD20 460-903054/6	200.0	18.127447	50.0	608613.0	0.090637	Y
5	STD50 460-903054/7	500.0	45.806658	50.0	616978.0	0.091613	Y
6	STD200 460-903054/8	2000.0	175.948026	50.0	617388.0	0.087974	Y
7	STD500 460-903054/9	5000.0	401.92061	50.0	614284.0	0.080384	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

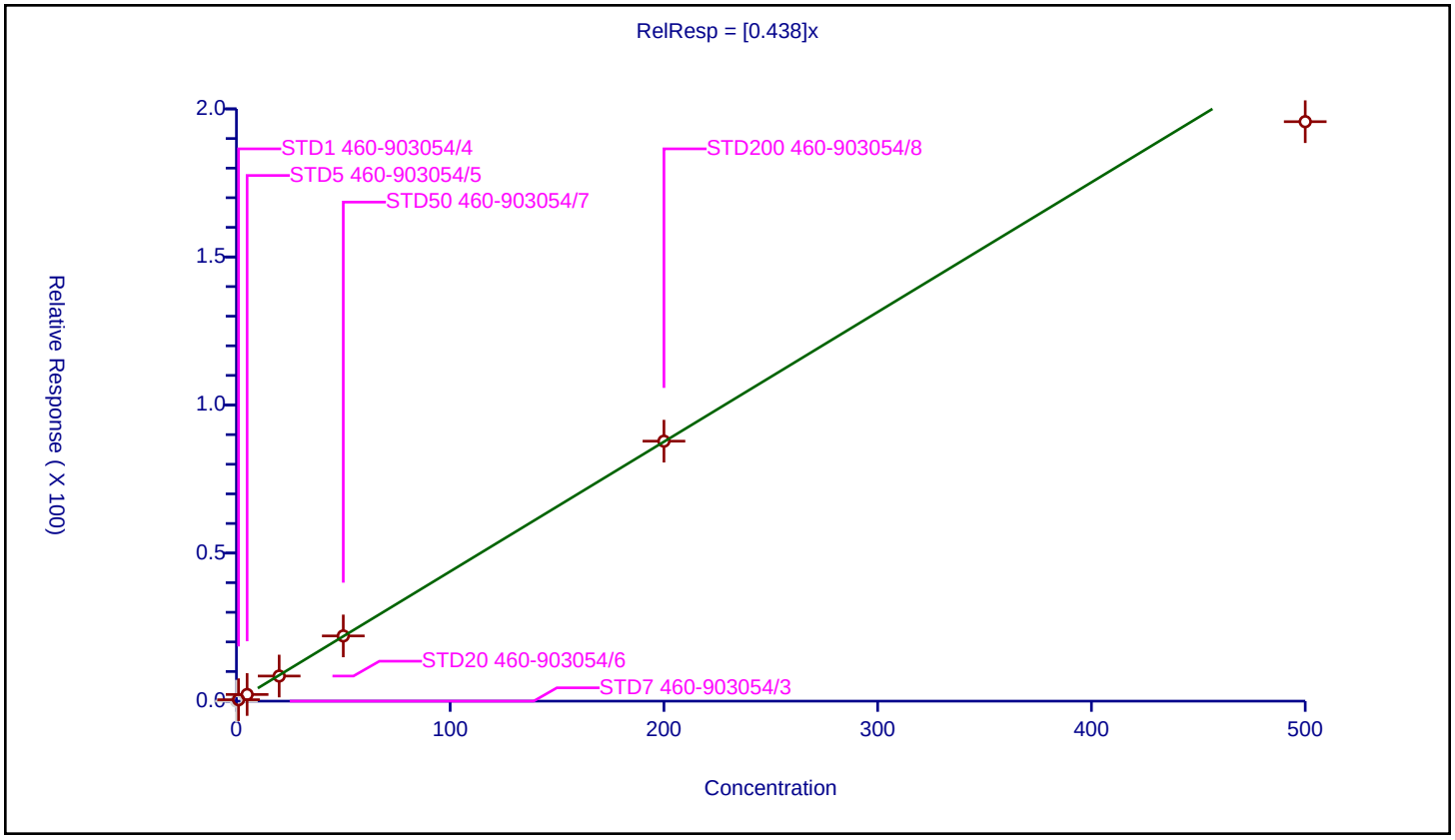
Curve Coefficients

Intercept:	0
Slope:	0.438

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	7.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.484878	50.0	597986.0	0.484878	Y
3	STD5 460-903054/5	5.0	2.242015	50.0	601847.0	0.448403	Y
4	STD20 460-903054/6	20.0	8.478294	50.0	608613.0	0.423915	Y
5	STD50 460-903054/7	50.0	22.025988	50.0	616978.0	0.44052	Y
6	STD200 460-903054/8	200.0	87.7956	50.0	617388.0	0.438978	Y
7	STD500 460-903054/9	500.0	195.684569	50.0	614284.0	0.391369	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

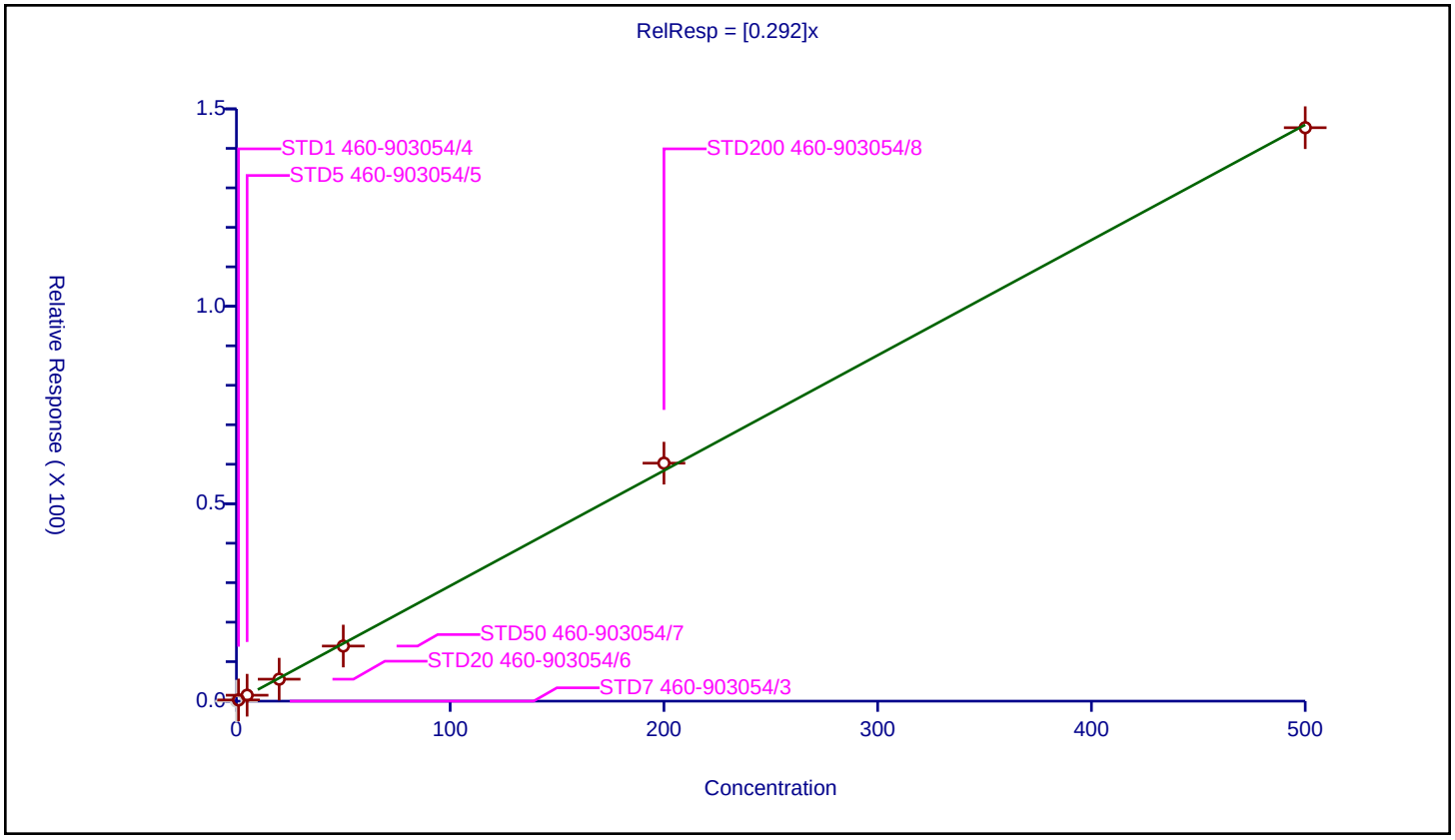
Curve Coefficients

Intercept:	0
Slope:	0.292

Error Coefficients

Standard Error:	869000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.302515	50.0	597986.0	0.302515	Y
3	STD5 460-903054/5	5.0	1.501212	50.0	601847.0	0.300242	Y
4	STD20 460-903054/6	20.0	5.564373	50.0	608613.0	0.278219	Y
5	STD50 460-903054/7	50.0	13.951632	50.0	616978.0	0.279033	Y
6	STD200 460-903054/8	200.0	60.275305	50.0	617388.0	0.301377	Y
7	STD500 460-903054/9	500.0	145.236894	50.0	614284.0	0.290474	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

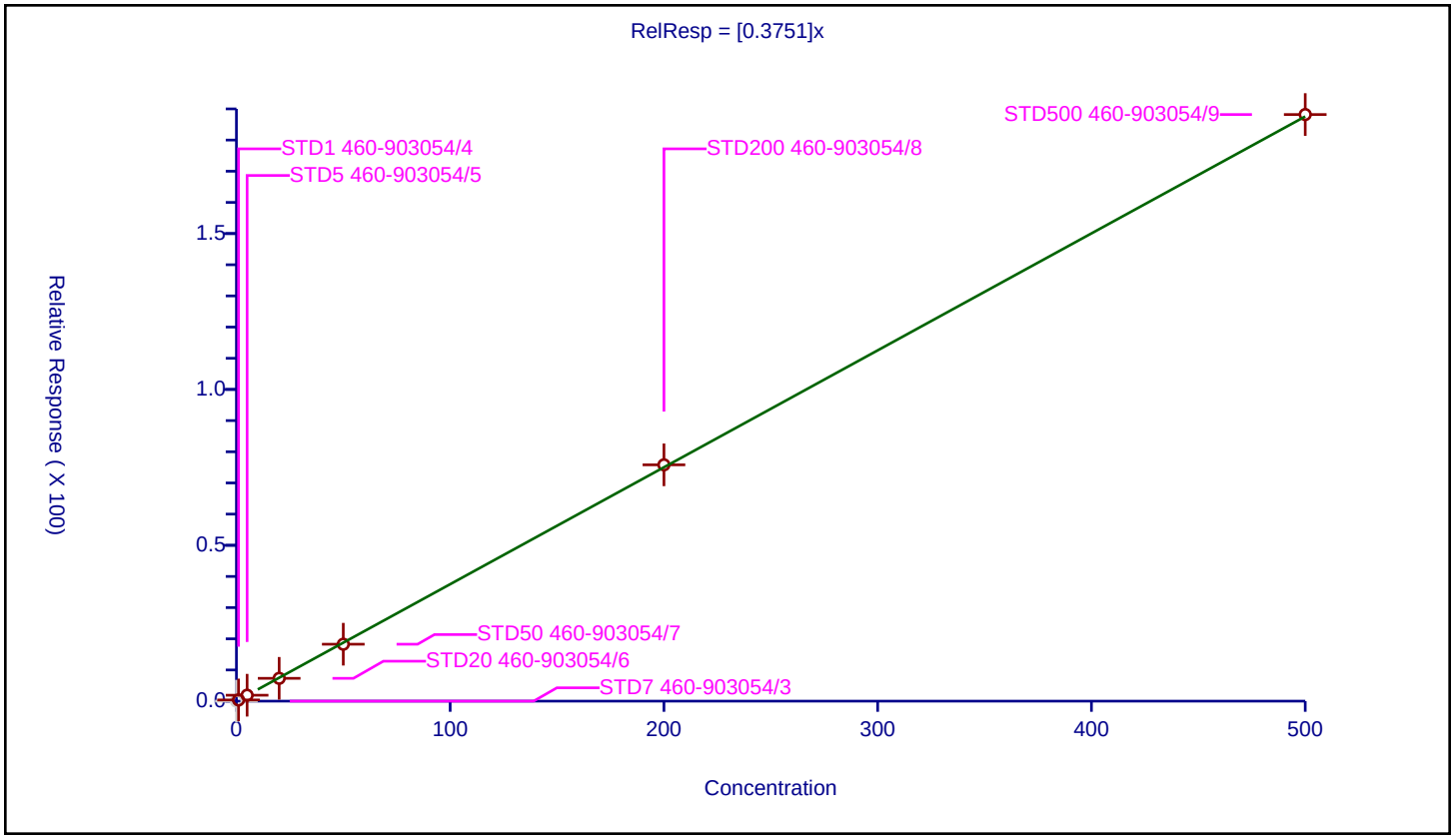
Curve Coefficients

Intercept:	0
Slope:	0.3751

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	2.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.38429	50.0	597986.0	0.38429	Y
3	STD5 460-903054/5	5.0	1.900649	50.0	601847.0	0.38013	Y
4	STD20 460-903054/6	20.0	7.314911	50.0	608613.0	0.365746	Y
5	STD50 460-903054/7	50.0	18.260051	50.0	616978.0	0.365201	Y
6	STD200 460-903054/8	200.0	75.809378	50.0	617388.0	0.379047	Y
7	STD500 460-903054/9	500.0	188.185025	50.0	614284.0	0.37637	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

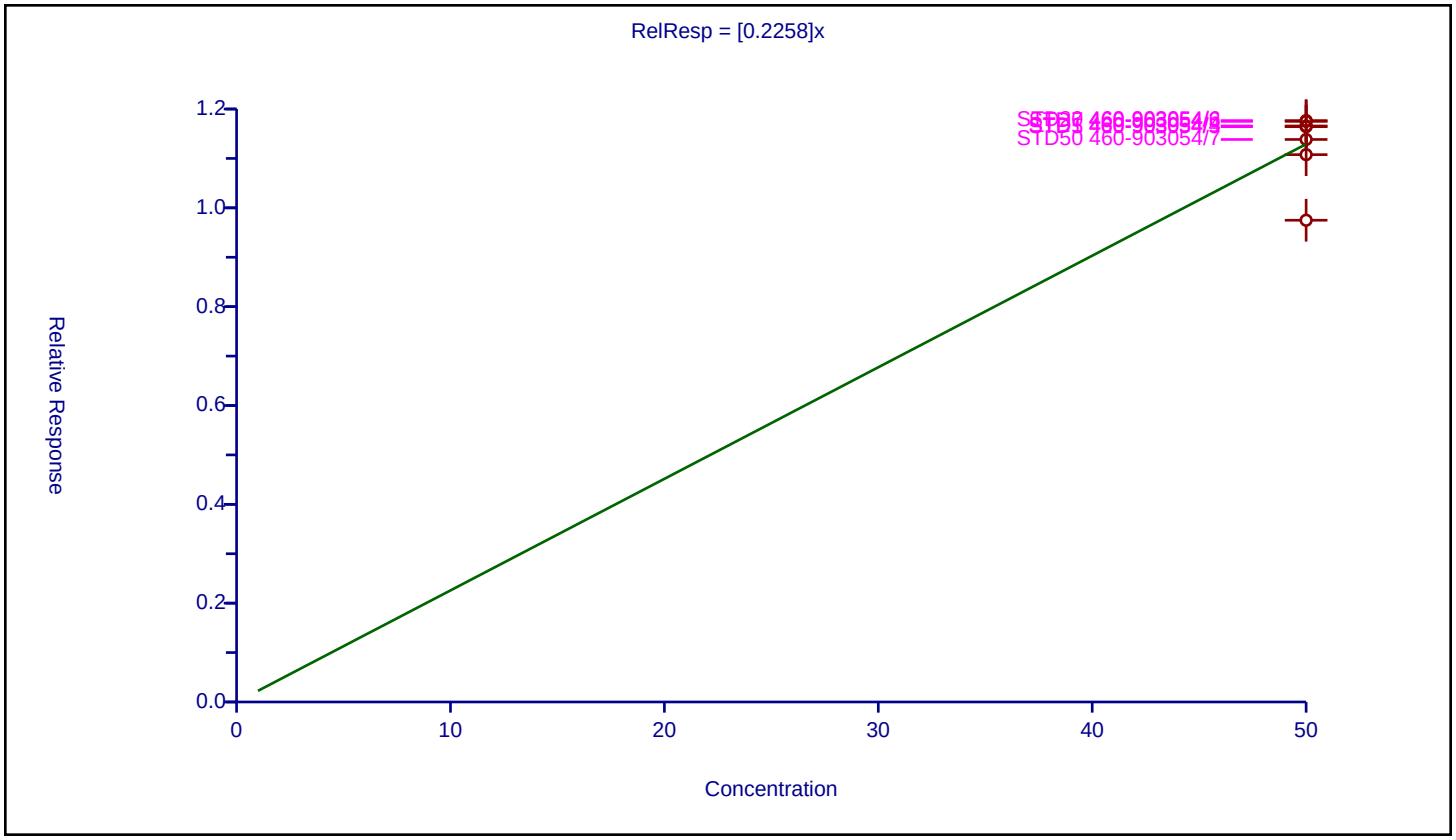
Curve Coefficients

Intercept:	0
Slope:	0.2258

Error Coefficients

Standard Error:	148000
Relative Standard Error:	6.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	50.0	11.750067	50.0	589469.0	0.235001	Y
2	STD1 460-903054/4	50.0	11.656711	50.0	597986.0	0.233134	Y
3	STD5 460-903054/5	50.0	11.642411	50.0	601847.0	0.232848	Y
4	STD20 460-903054/6	50.0	11.765523	50.0	608613.0	0.23531	Y
5	STD50 460-903054/7	50.0	11.383955	50.0	616978.0	0.227679	Y
6	STD200 460-903054/8	50.0	9.749218	50.0	617388.0	0.194984	Y
7	STD500 460-903054/9	50.0	11.076717	50.0	614284.0	0.221534	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

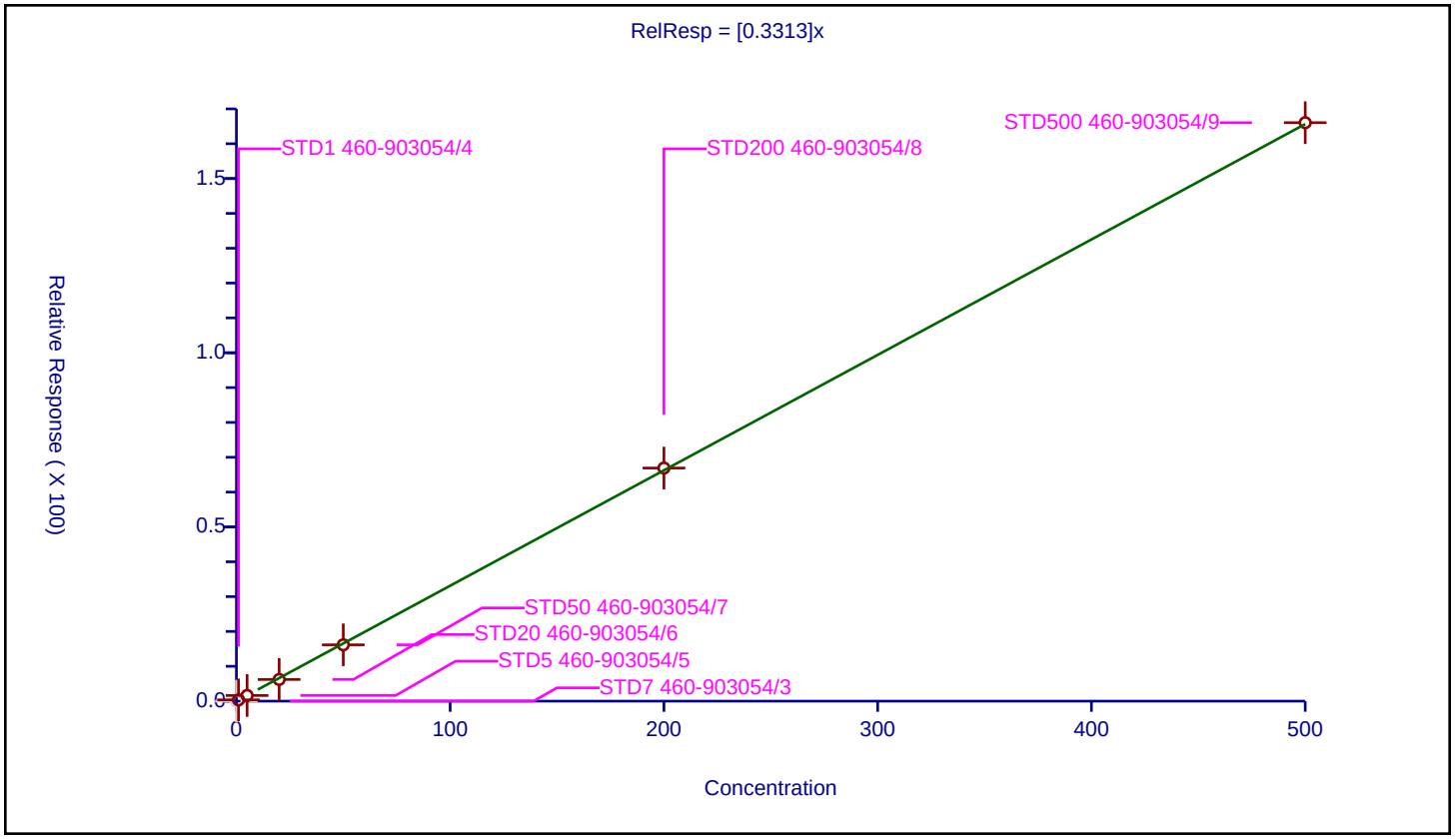
Curve Coefficients

Intercept:	0
Slope:	0.3313

Error Coefficients

Standard Error:	989000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.362049	50.0	597986.0	0.362049	Y
3	STD5 460-903054/5	5.0	1.624167	50.0	601847.0	0.324833	Y
4	STD20 460-903054/6	20.0	6.21873	50.0	608613.0	0.310937	Y
5	STD50 460-903054/7	50.0	16.165163	50.0	616978.0	0.323303	Y
6	STD200 460-903054/8	200.0	66.902337	50.0	617388.0	0.334512	Y
7	STD500 460-903054/9	500.0	166.037045	50.0	614284.0	0.332074	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

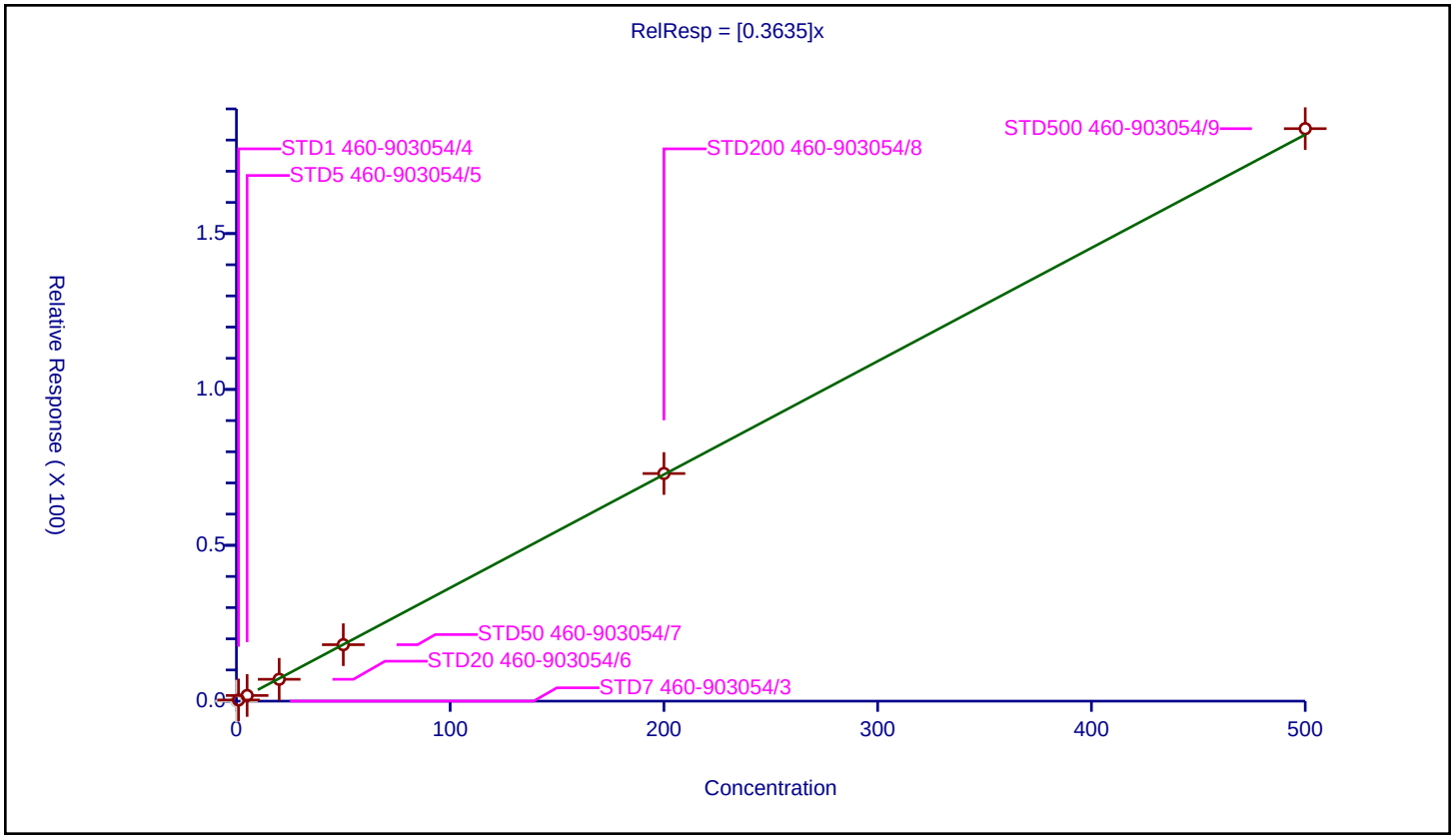
Curve Coefficients

Intercept:	0
Slope:	0.3635

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.372166	50.0	597986.0	0.372166	Y
3	STD5 460-903054/5	5.0	1.818735	50.0	601847.0	0.363747	Y
4	STD20 460-903054/6	20.0	7.009134	50.0	608613.0	0.350457	Y
5	STD50 460-903054/7	50.0	18.107939	50.0	616978.0	0.362159	Y
6	STD200 460-903054/8	200.0	73.026282	50.0	617388.0	0.365131	Y
7	STD500 460-903054/9	500.0	183.655606	50.0	614284.0	0.367311	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

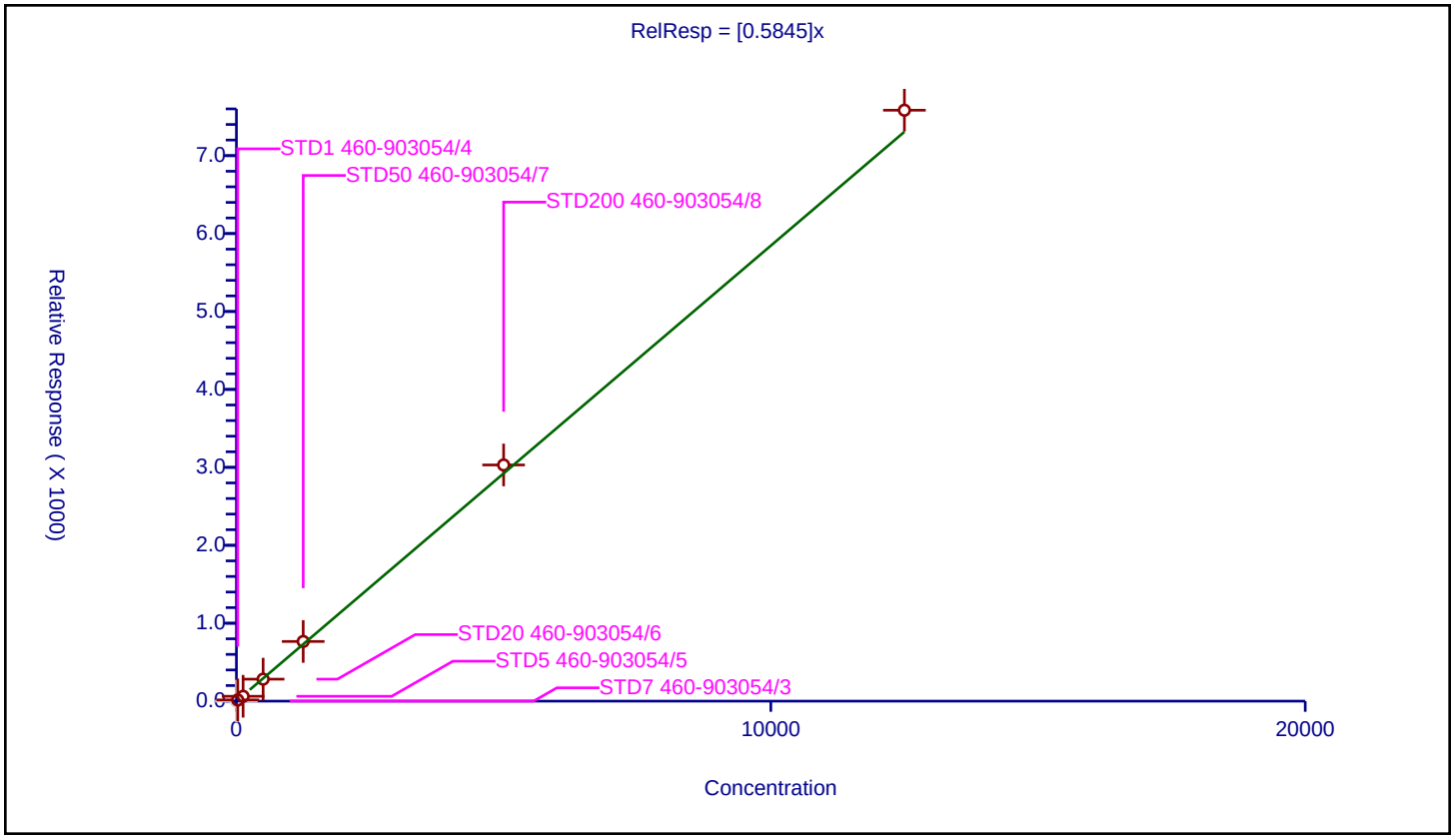
Curve Coefficients

Intercept:	0
Slope:	0.5845

Error Coefficients

Standard Error:	775000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	25.0	15.419144	1000.0	219662.0	0.616766	Y
3	STD5 460-903054/5	125.0	62.534942	1000.0	211066.0	0.50028	Y
4	STD20 460-903054/6	500.0	282.198223	1000.0	216029.0	0.564396	Y
5	STD50 460-903054/7	1250.0	765.775287	1000.0	214798.0	0.61262	Y
6	STD200 460-903054/8	5000.0	3030.670596	1000.0	210723.0	0.606134	Y
7	STD500 460-903054/9	12500.0	7582.805293	1000.0	212263.0	0.606624	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

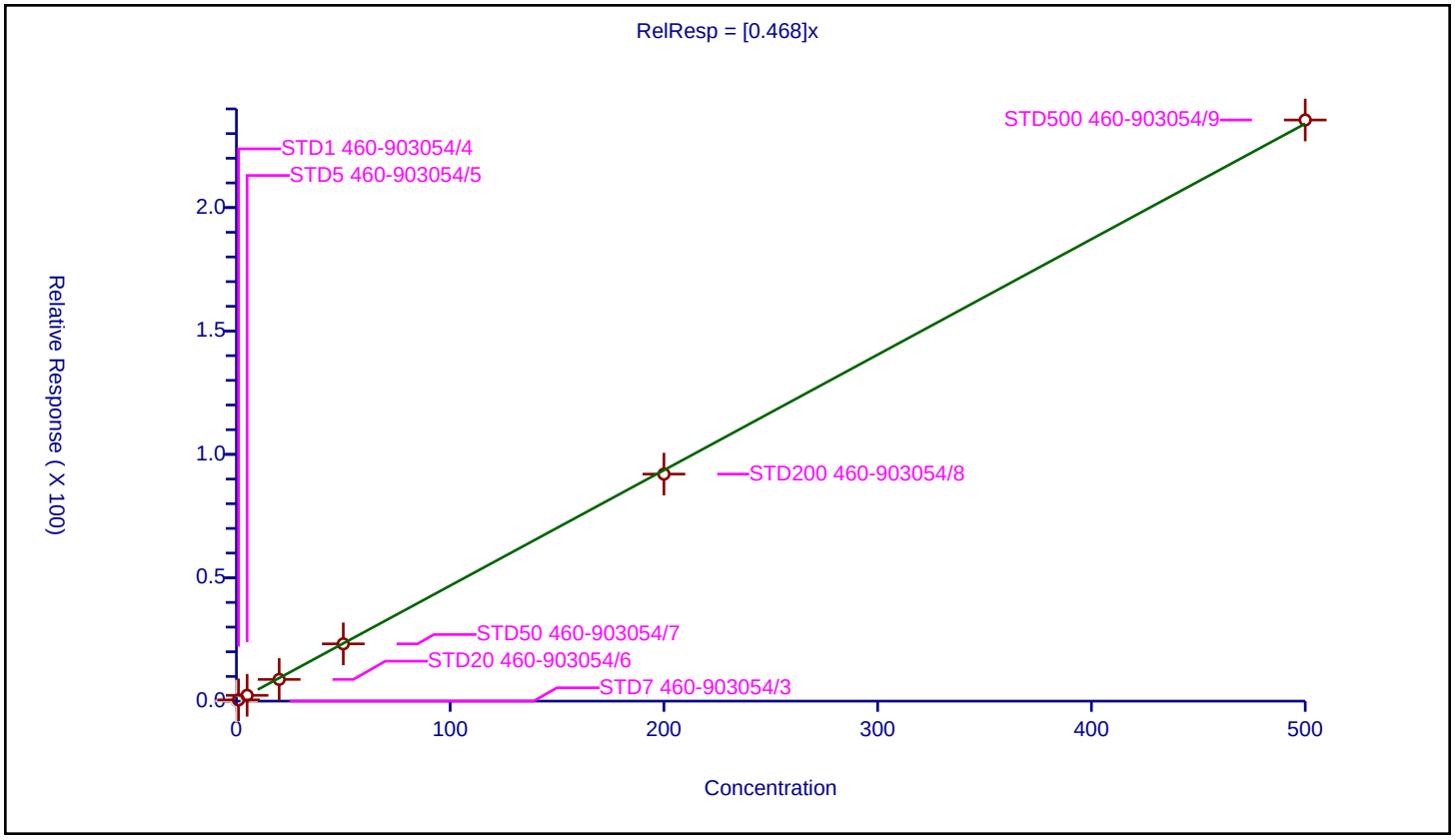
Curve Coefficients

Intercept:	0
Slope:	0.468

Error Coefficients

Standard Error:	1400000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.503273	50.0	597986.0	0.503273	Y
3	STD5 460-903054/5	5.0	2.347191	50.0	601847.0	0.469438	Y
4	STD20 460-903054/6	20.0	8.80042	50.0	608613.0	0.440021	Y
5	STD50 460-903054/7	50.0	23.209174	50.0	616978.0	0.464183	Y
6	STD200 460-903054/8	200.0	92.010454	50.0	617388.0	0.460052	Y
7	STD500 460-903054/9	500.0	235.496204	50.0	614284.0	0.470992	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

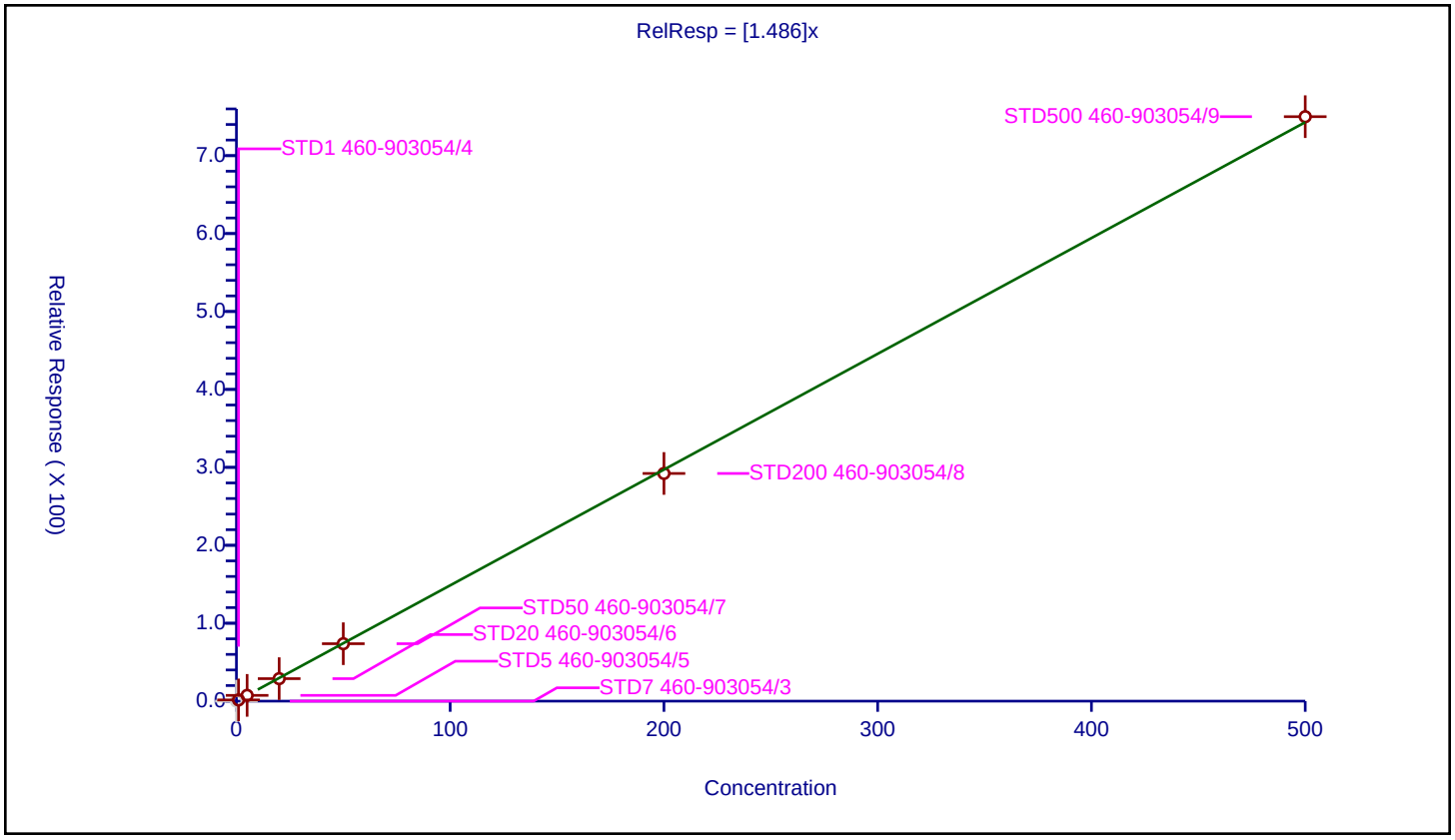
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	2920000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	1.553021	50.0	419183.0	1.553021	Y
3	STD5 460-903054/5	5.0	7.411455	50.0	422697.0	1.482291	Y
4	STD20 460-903054/6	20.0	28.875217	50.0	425931.0	1.443761	Y
5	STD50 460-903054/7	50.0	73.701495	50.0	432536.0	1.47403	Y
6	STD200 460-903054/8	200.0	292.177837	50.0	422984.0	1.460889	Y
7	STD500 460-903054/9	500.0	750.002744	50.0	400832.0	1.500005	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

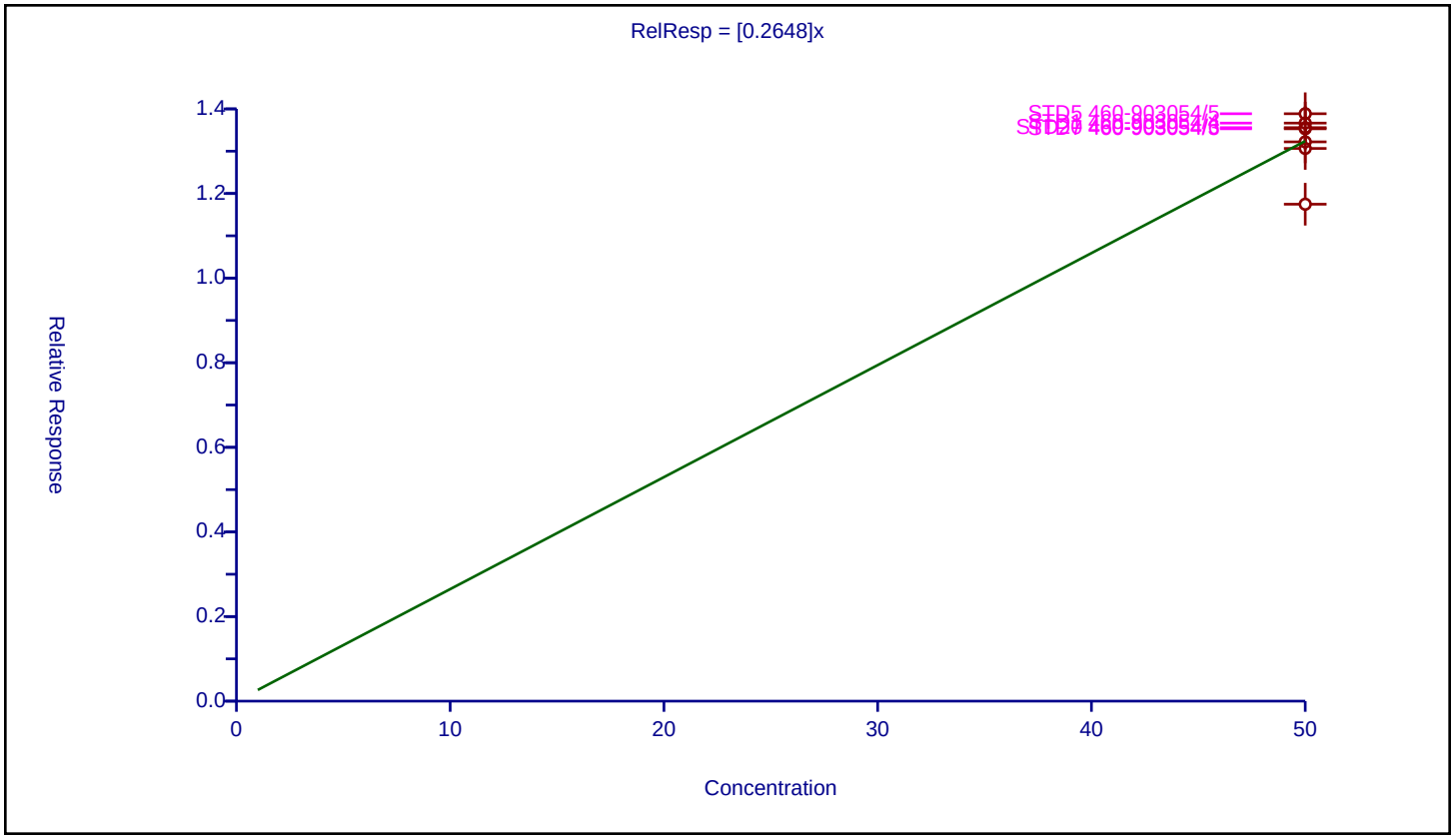
Curve Coefficients

Intercept:	0
Slope:	0.2648

Error Coefficients

Standard Error:	174000
Relative Standard Error:	5.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	50.0	13.529634	50.0	589469.0	0.270593	Y
2	STD1 460-903054/4	50.0	13.664701	50.0	597986.0	0.273294	Y
3	STD5 460-903054/5	50.0	13.885672	50.0	601847.0	0.277713	Y
4	STD20 460-903054/6	50.0	13.556809	50.0	608613.0	0.271136	Y
5	STD50 460-903054/7	50.0	13.220326	50.0	616978.0	0.264407	Y
6	STD200 460-903054/8	50.0	11.746503	50.0	617388.0	0.23493	Y
7	STD500 460-903054/9	50.0	13.064804	50.0	614284.0	0.261296	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

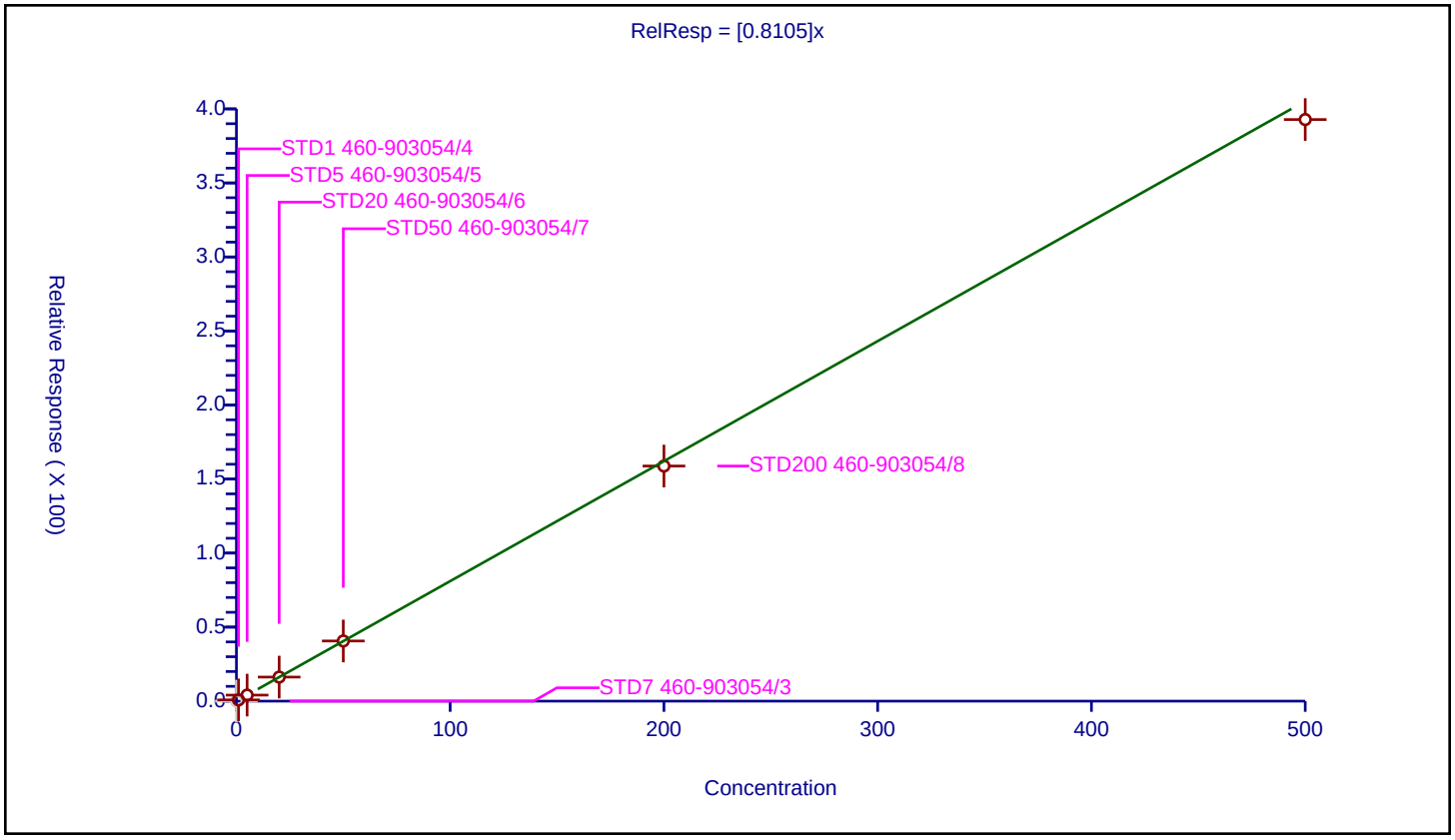
Curve Coefficients

Intercept:	0
Slope:	0.8105

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.842244	50.0	597986.0	0.842244	Y
3	STD5 460-903054/5	5.0	4.076784	50.0	601847.0	0.815357	Y
4	STD20 460-903054/6	20.0	16.260908	50.0	608613.0	0.813045	Y
5	STD50 460-903054/7	50.0	40.627705	50.0	616978.0	0.812554	Y
6	STD200 460-903054/8	200.0	158.787748	50.0	617388.0	0.793939	Y
7	STD500 460-903054/9	500.0	392.799503	50.0	614284.0	0.785599	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

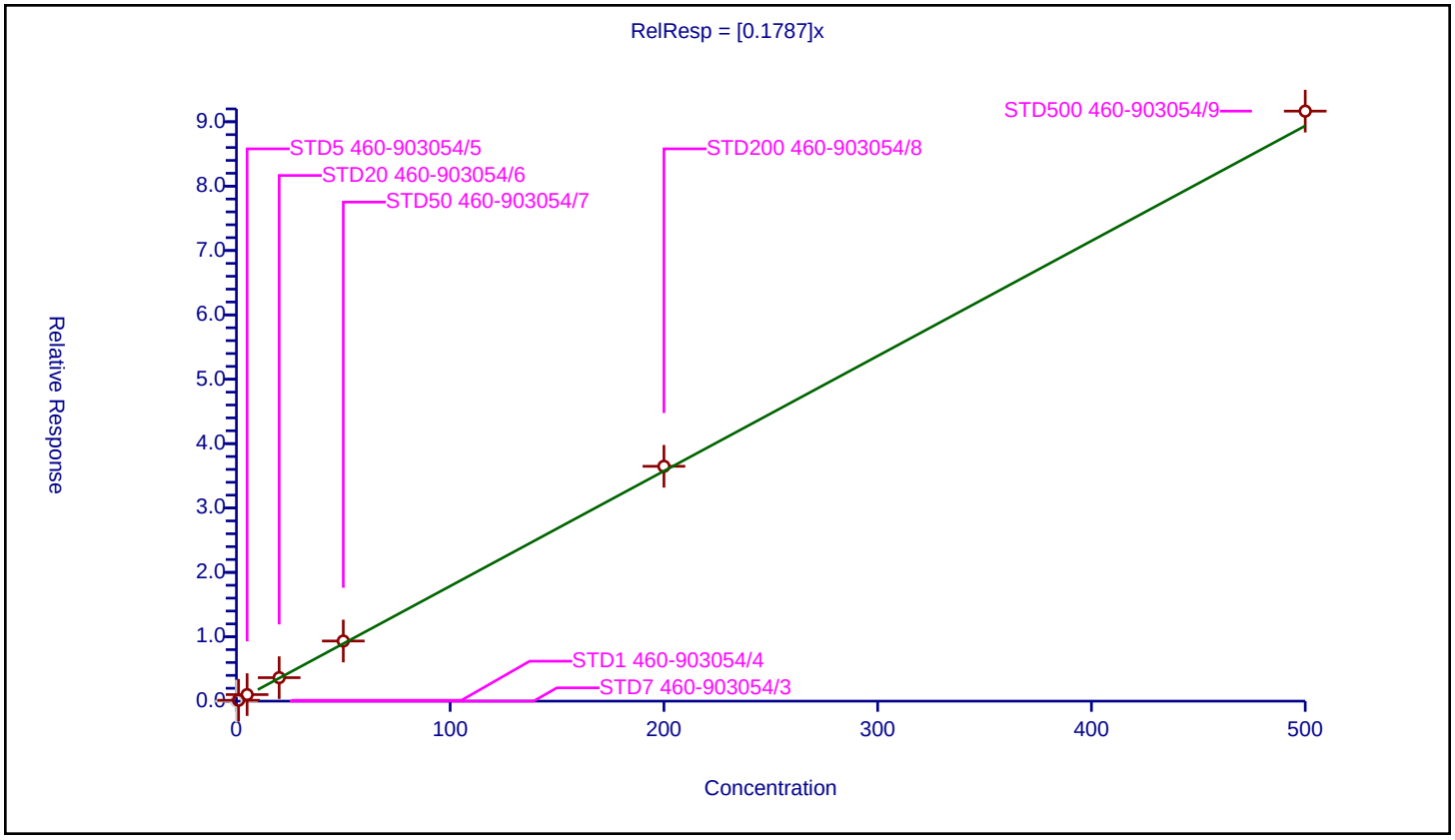
Curve Coefficients

Intercept:	0
Slope:	0.1787

Error Coefficients

Standard Error:	545000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.134786	50.0	597986.0	0.134786	Y
3	STD5 460-903054/5	5.0	1.013713	50.0	601847.0	0.202743	Y
4	STD20 460-903054/6	20.0	3.646817	50.0	608613.0	0.182341	Y
5	STD50 460-903054/7	50.0	9.338907	50.0	616978.0	0.186778	Y
6	STD200 460-903054/8	200.0	36.479734	50.0	617388.0	0.182399	Y
7	STD500 460-903054/9	500.0	91.653046	50.0	614284.0	0.183306	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

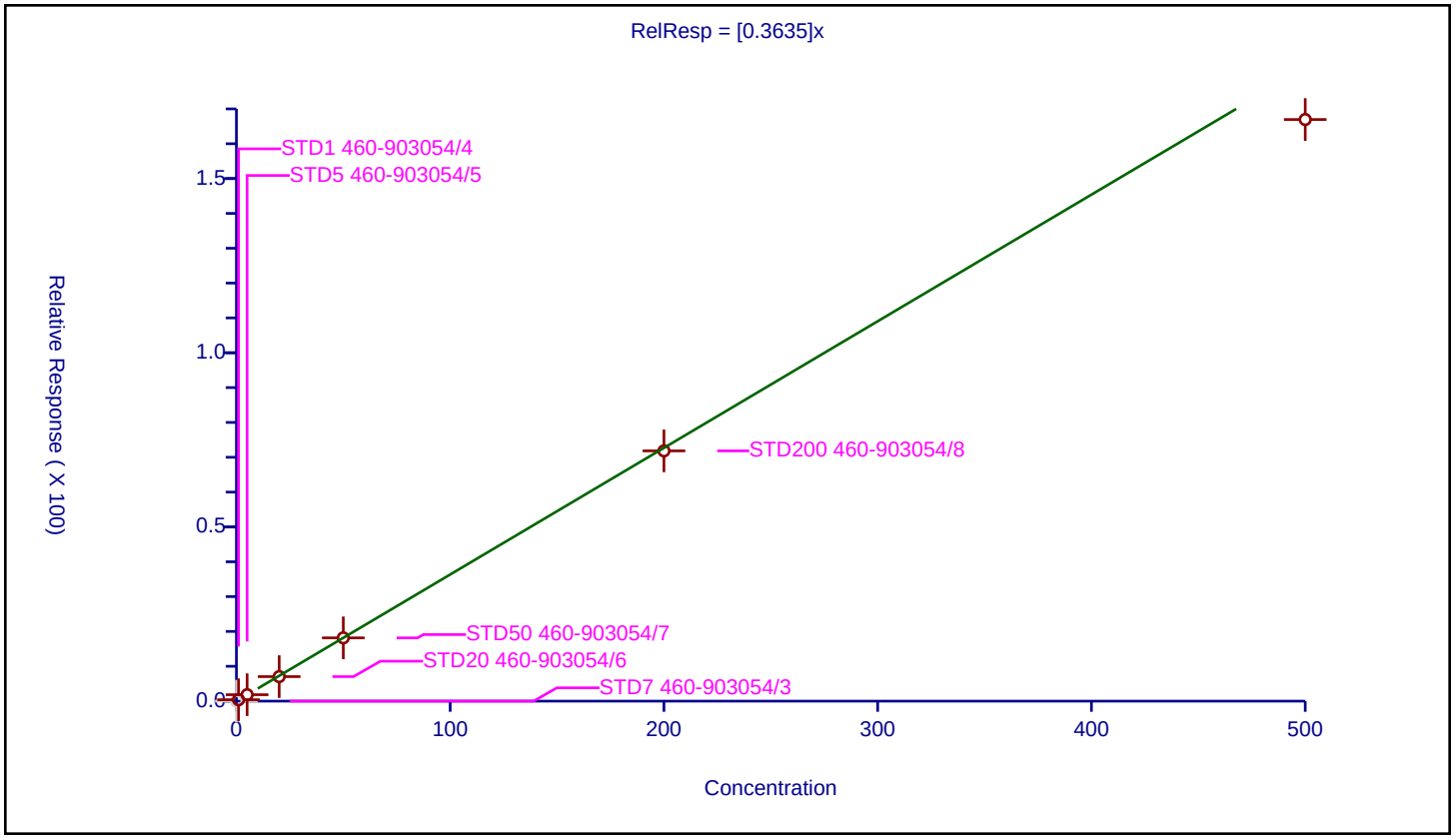
Curve Coefficients

Intercept:	0
Slope:	0.3635

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.40419	50.0	597986.0	0.40419	Y
3	STD5 460-903054/5	5.0	1.84291	50.0	601847.0	0.368582	Y
4	STD20 460-903054/6	20.0	7.034848	50.0	608613.0	0.351742	Y
5	STD50 460-903054/7	50.0	18.160696	50.0	616978.0	0.363214	Y
6	STD200 460-903054/8	200.0	71.838941	50.0	617388.0	0.359195	Y
7	STD500 460-903054/9	500.0	166.946478	50.0	614284.0	0.333893	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

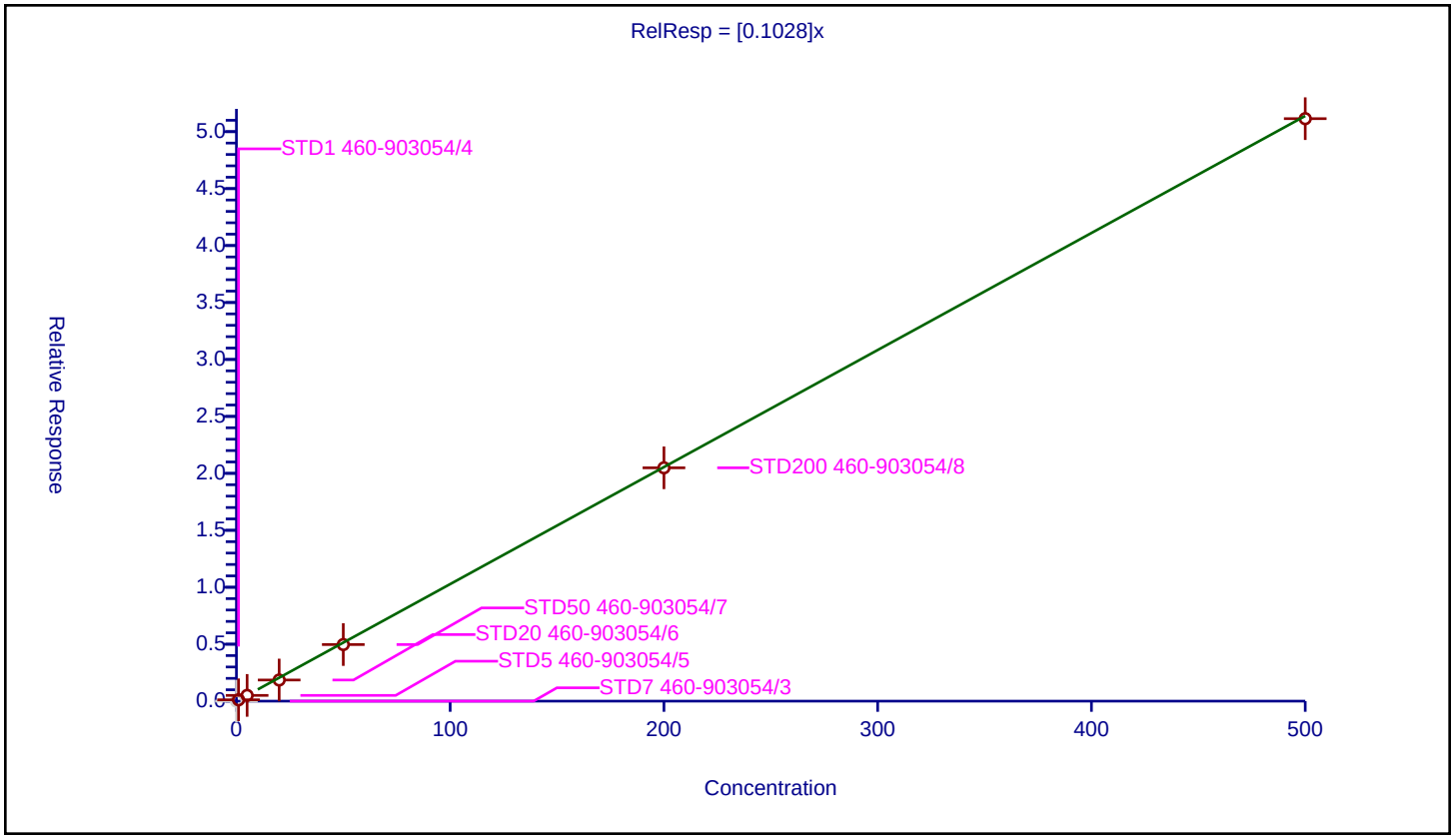
Curve Coefficients

Intercept:	0
Slope:	0.1028

Error Coefficients

Standard Error:	304000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.11915	50.0	597986.0	0.11915	Y
3	STD5 460-903054/5	5.0	0.503118	50.0	601847.0	0.100624	Y
4	STD20 460-903054/6	20.0	1.854463	50.0	608613.0	0.092723	Y
5	STD50 460-903054/7	50.0	4.967924	50.0	616978.0	0.099358	Y
6	STD200 460-903054/8	200.0	20.486226	50.0	617388.0	0.102431	Y
7	STD500 460-903054/9	500.0	51.141085	50.0	614284.0	0.102282	Y



Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

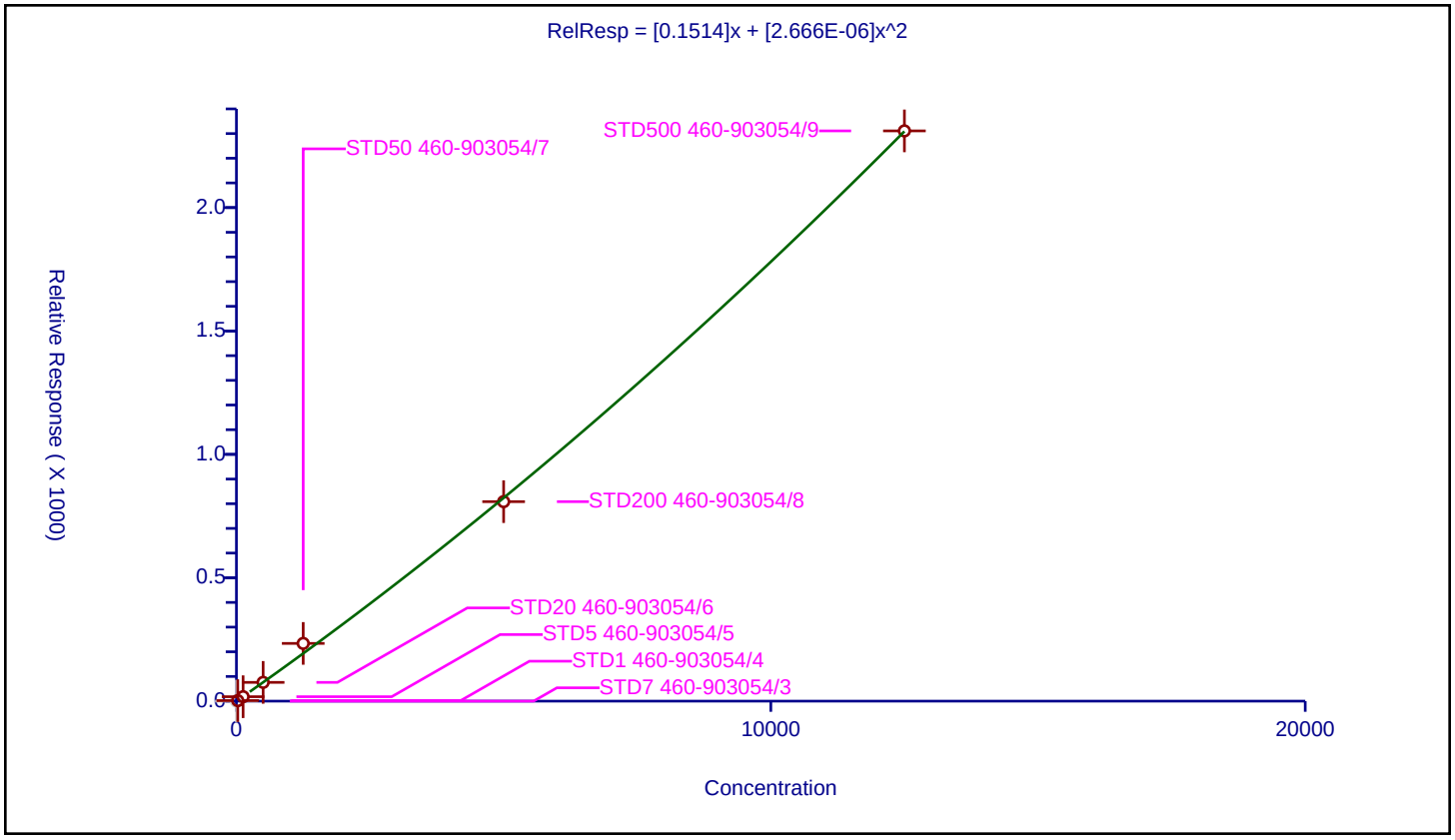
Curve Coefficients

Intercept:	0
Slope:	0.1514
Second Order:	2.666E-06

Error Coefficients

Standard Error:	260000
Relative Standard Error:	23.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	25.0	2.166966	1000.0	219662.0	0.086679	Y
3	STD5 460-903054/5	125.0	17.994371	1000.0	211066.0	0.143955	Y
4	STD20 460-903054/6	500.0	76.082378	1000.0	216029.0	0.152165	Y
5	STD50 460-903054/7	1250.0	233.959348	1000.0	214798.0	0.187167	Y
6	STD200 460-903054/8	5000.0	808.440464	1000.0	210723.0	0.161688	Y
7	STD500 460-903054/9	12500.0	2310.817241	1000.0	212263.0	0.184865	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

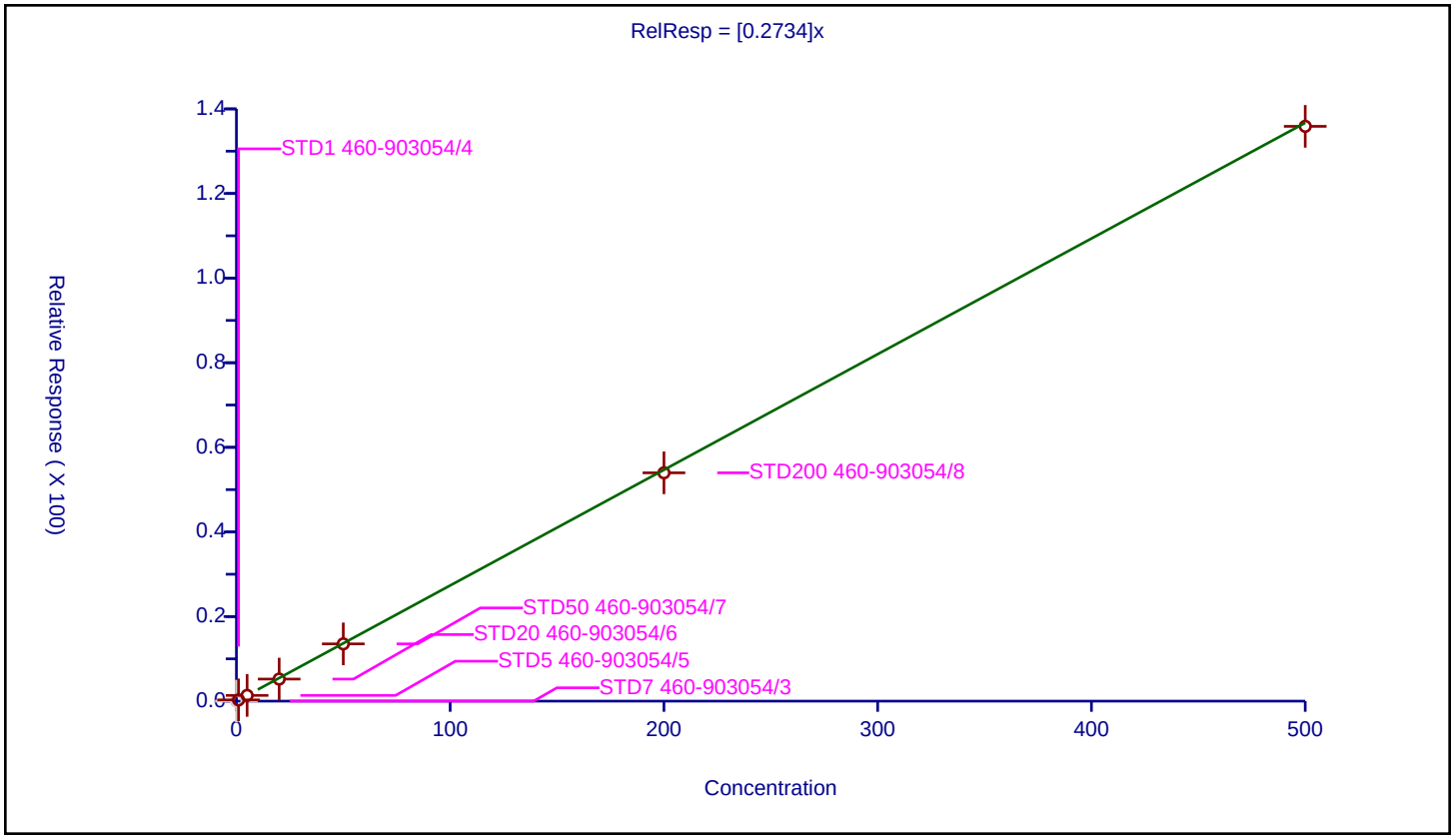
Curve Coefficients

Intercept:	0
Slope:	0.2734

Error Coefficients

Standard Error:	808000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.295826	50.0	597986.0	0.295826	Y
3	STD5 460-903054/5	5.0	1.357488	50.0	601847.0	0.271498	Y
4	STD20 460-903054/6	20.0	5.215465	50.0	608613.0	0.260773	Y
5	STD50 460-903054/7	50.0	13.534356	50.0	616978.0	0.270687	Y
6	STD200 460-903054/8	200.0	53.969384	50.0	617388.0	0.269847	Y
7	STD500 460-903054/9	500.0	135.877216	50.0	614284.0	0.271754	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

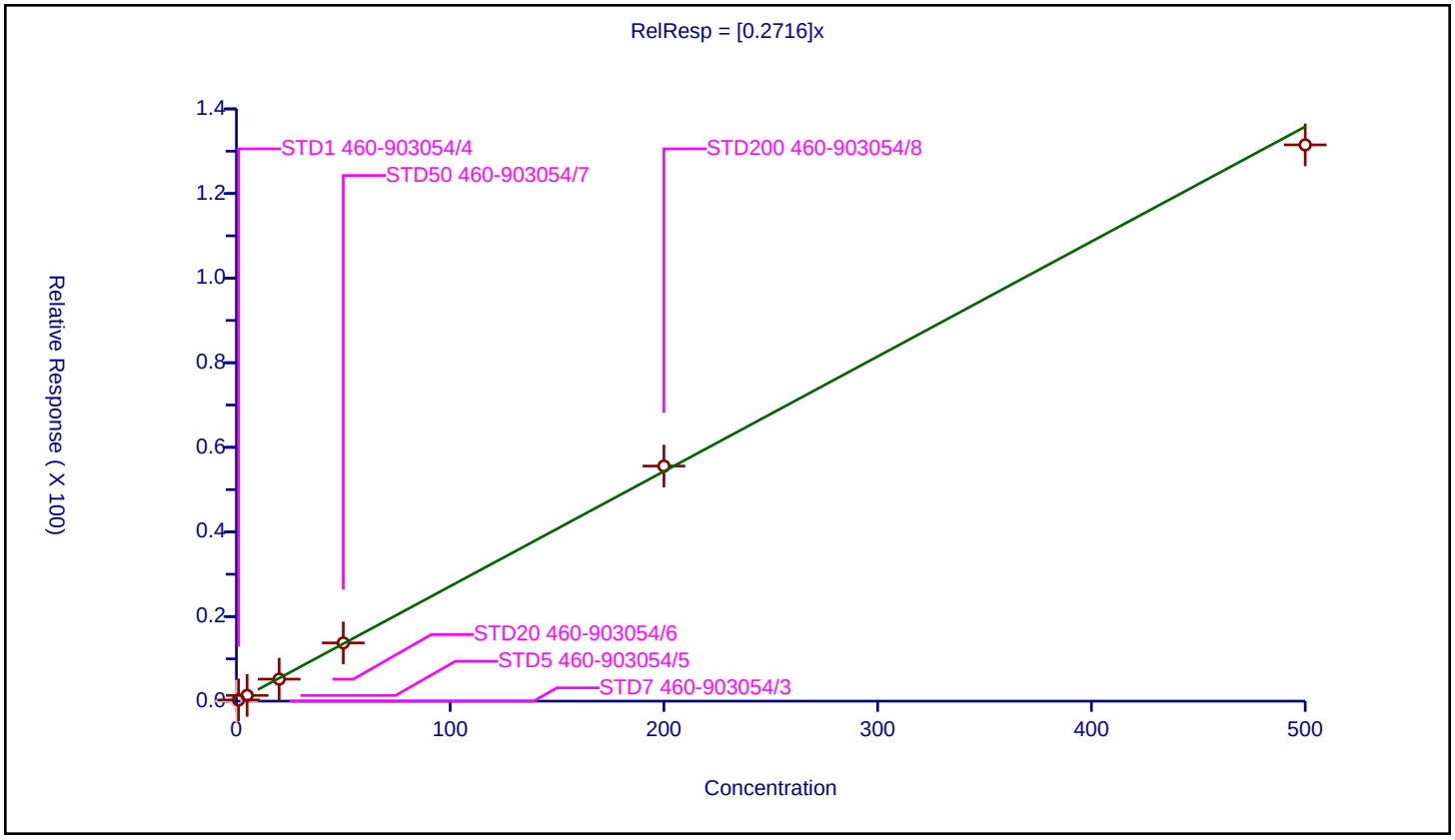
Curve Coefficients

Intercept:	0
Slope:	0.2716

Error Coefficients

Standard Error:	789000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.282114	50.0	597986.0	0.282114	Y
3	STD5 460-903054/5	5.0	1.355411	50.0	601847.0	0.271082	Y
4	STD20 460-903054/6	20.0	5.204292	50.0	608613.0	0.260215	Y
5	STD50 460-903054/7	50.0	13.766536	50.0	616978.0	0.275331	Y
6	STD200 460-903054/8	200.0	55.568702	50.0	617388.0	0.277844	Y
7	STD500 460-903054/9	500.0	131.491623	50.0	614284.0	0.262983	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

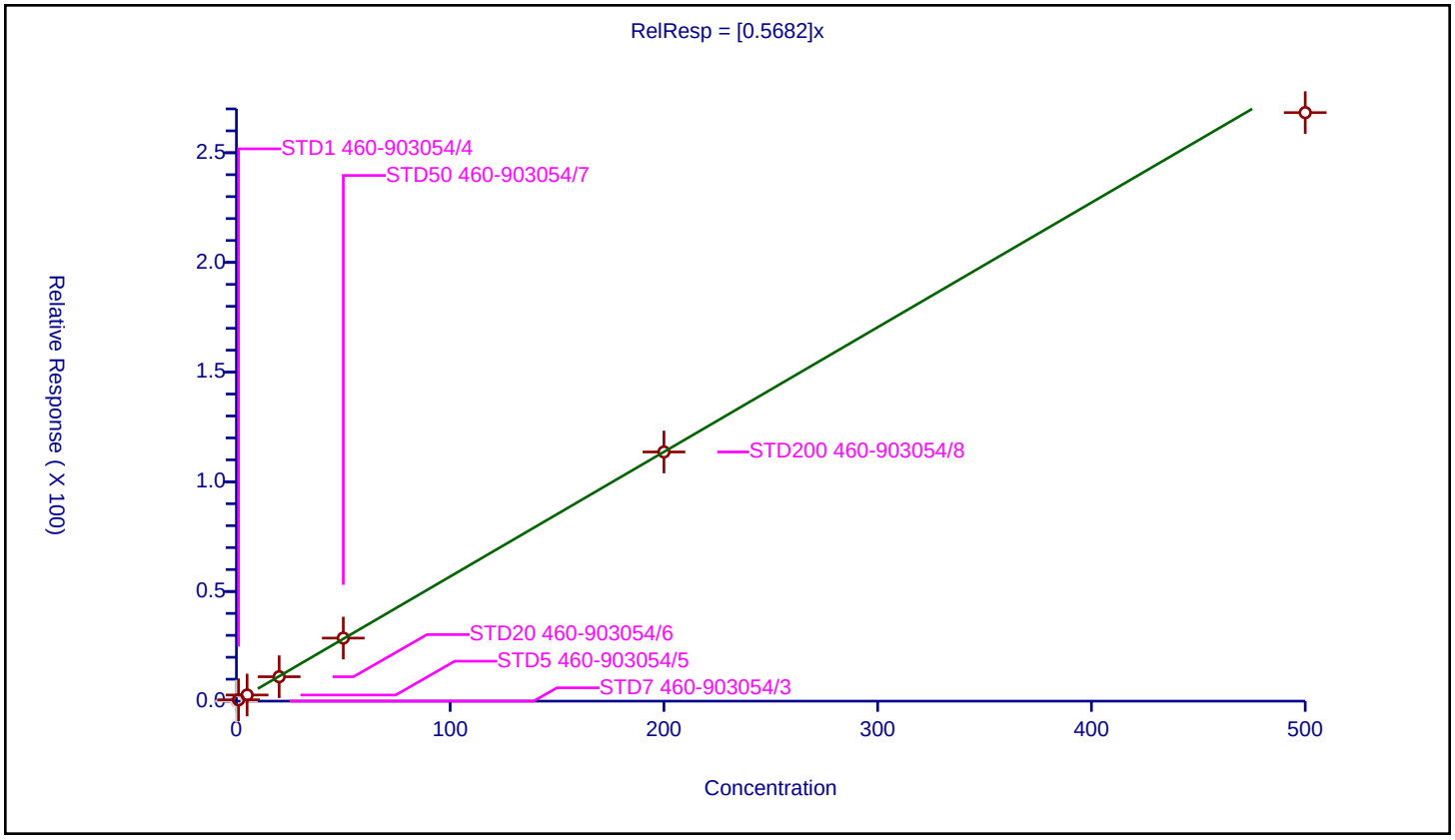
Curve Coefficients

Intercept:	0
Slope:	0.5682

Error Coefficients

Standard Error:	1610000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.612807	50.0	597986.0	0.612807	Y
3	STD5 460-903054/5	5.0	2.80013	50.0	601847.0	0.560026	Y
4	STD20 460-903054/6	20.0	11.133347	50.0	608613.0	0.556667	Y
5	STD50 460-903054/7	50.0	28.751673	50.0	616978.0	0.575033	Y
6	STD200 460-903054/8	200.0	113.601252	50.0	617388.0	0.568006	Y
7	STD500 460-903054/9	500.0	268.297725	50.0	614284.0	0.536595	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

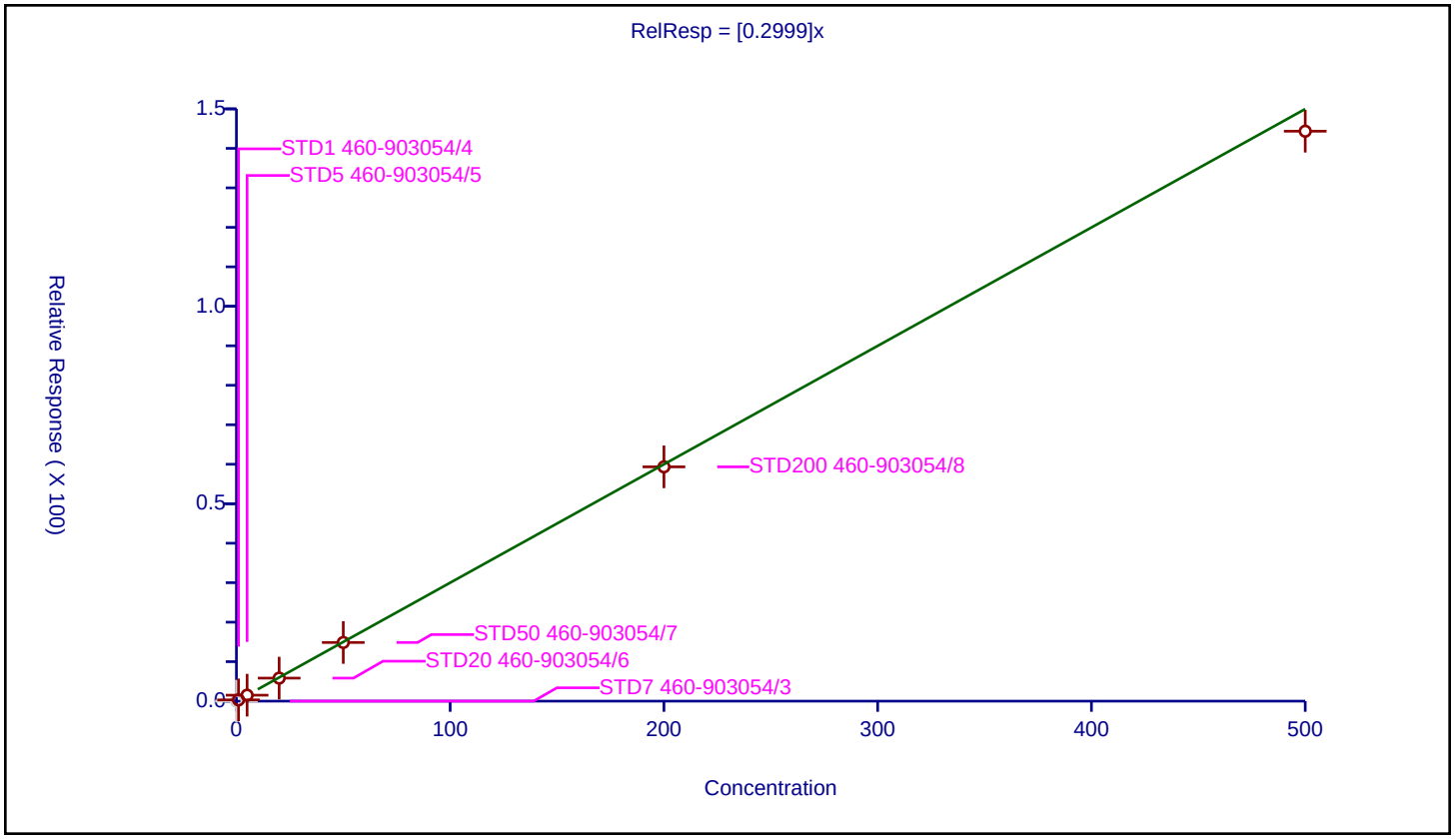
Curve Coefficients

Intercept:	0
Slope:	0.2999

Error Coefficients

Standard Error:	863000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.32367	50.0	597986.0	0.32367	Y
3	STD5 460-903054/5	5.0	1.508191	50.0	601847.0	0.301638	Y
4	STD20 460-903054/6	20.0	5.83466	50.0	608613.0	0.291733	Y
5	STD50 460-903054/7	50.0	14.856608	50.0	616978.0	0.297132	Y
6	STD200 460-903054/8	200.0	59.337159	50.0	617388.0	0.296686	Y
7	STD500 460-903054/9	500.0	144.349926	50.0	614284.0	0.2887	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

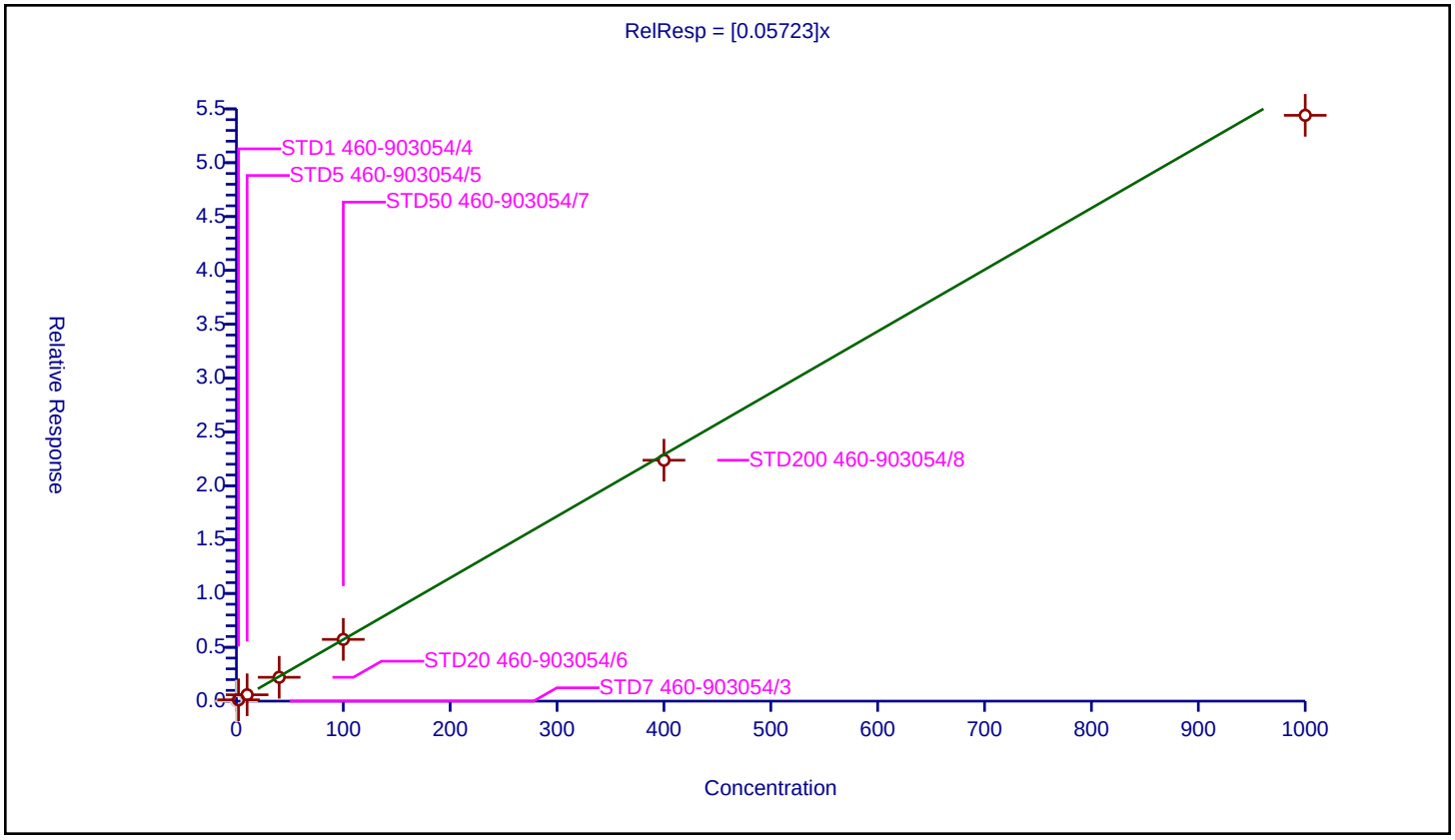
Curve Coefficients

Intercept:	0
Slope:	0.05723

Error Coefficients

Standard Error:	325000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	2.0	0.122829	50.0	597986.0	0.061414	Y
3	STD5 460-903054/5	10.0	0.589103	50.0	601847.0	0.05891	Y
4	STD20 460-903054/6	40.0	2.21594	50.0	608613.0	0.055399	Y
5	STD50 460-903054/7	100.0	5.734159	50.0	616978.0	0.057342	Y
6	STD200 460-903054/8	400.0	22.374261	50.0	617388.0	0.055936	Y
7	STD500 460-903054/9	1000.0	54.403256	50.0	614284.0	0.054403	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

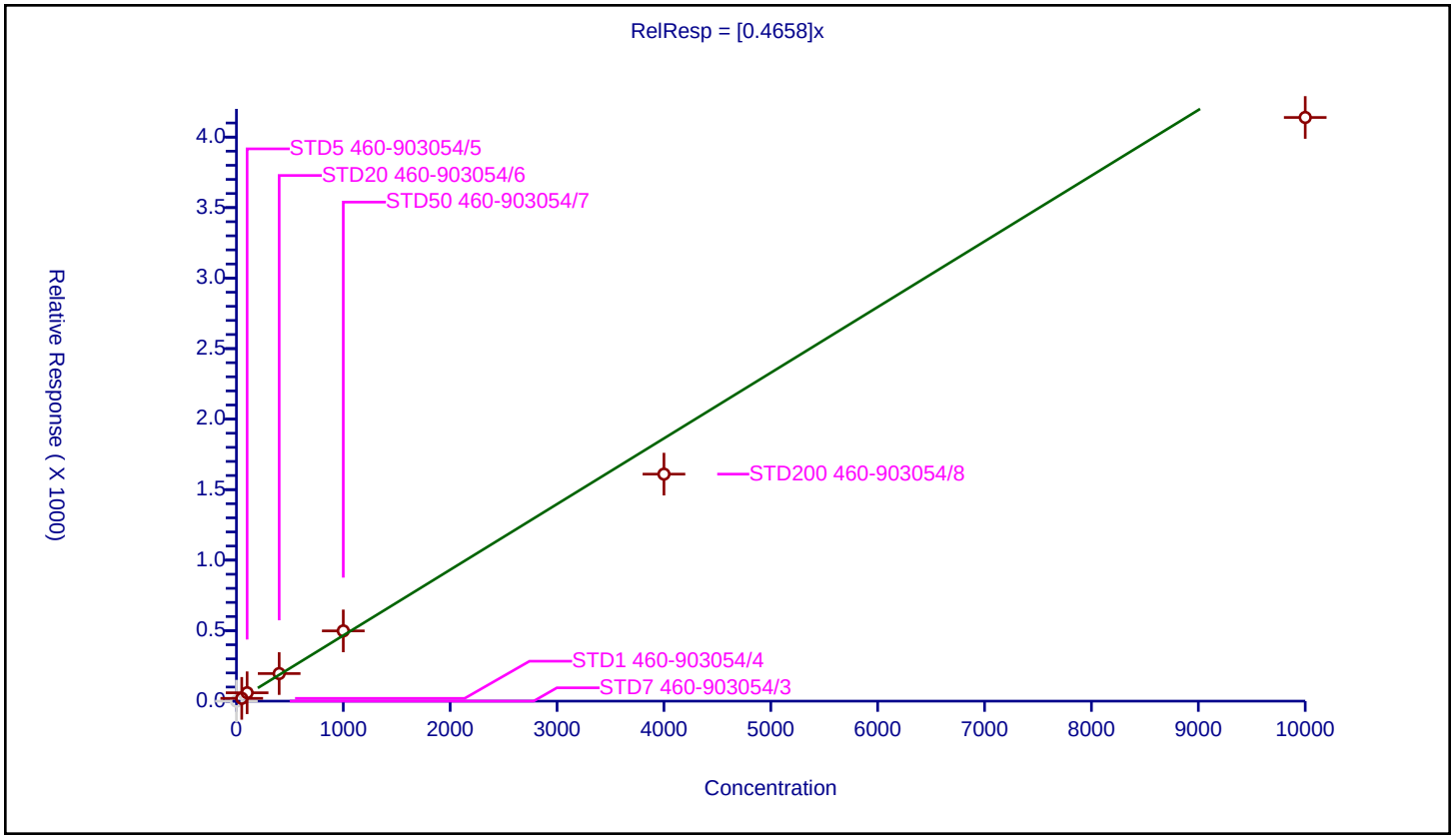
Curve Coefficients

Intercept:	0
Slope:	0.4658

Error Coefficients

Standard Error:	64600
Relative Standard Error:	16.6
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.965

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	25424.0	NaN	N
2	STD1 460-903054/4	50.000062	19.826743	1000.0	27589.0	0.396534	Y
3	STD5 460-903054/5	100.0	59.481424	1000.0	25840.0	0.594814	Y
4	STD20 460-903054/6	400.0	195.508006	1000.0	27293.0	0.48877	Y
5	STD50 460-903054/7	1000.0	498.246896	1000.0	27380.0	0.498247	Y
6	STD200 460-903054/8	4000.0	1609.910461	1000.0	27809.0	0.402478	Y
7	STD500 460-903054/9	10000.0	4139.182173	1000.0	34286.0	0.413918	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

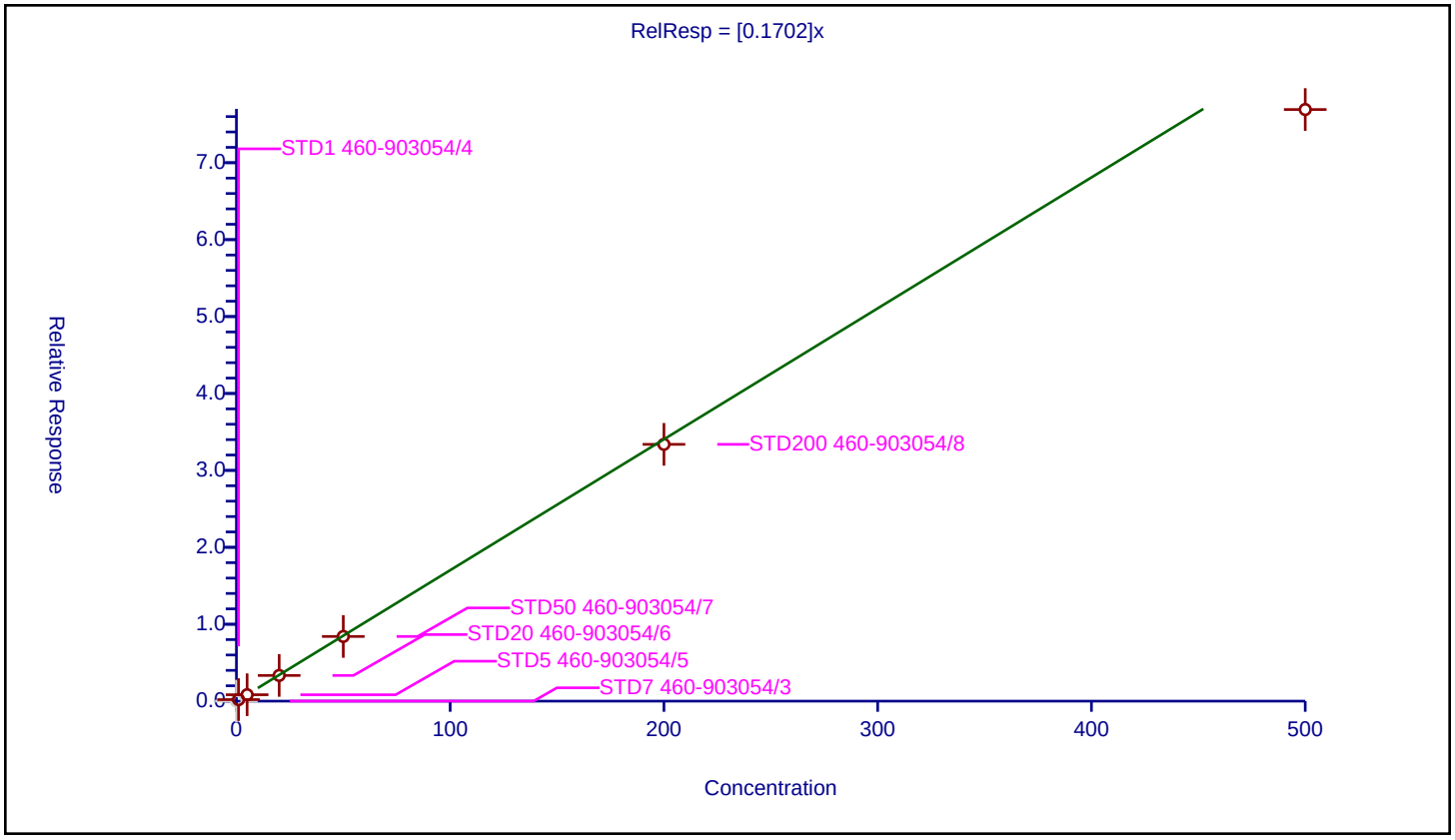
Curve Coefficients

Intercept:	0
Slope:	0.1702

Error Coefficients

Standard Error:	464000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.198583	50.0	597986.0	0.198583	Y
3	STD5 460-903054/5	5.0	0.833933	50.0	601847.0	0.166787	Y
4	STD20 460-903054/6	20.0	3.340793	50.0	608613.0	0.16704	Y
5	STD50 460-903054/7	50.0	8.408079	50.0	616978.0	0.168162	Y
6	STD200 460-903054/8	200.0	33.385732	50.0	617388.0	0.166929	Y
7	STD500 460-903054/9	500.0	76.915482	50.0	614284.0	0.153831	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

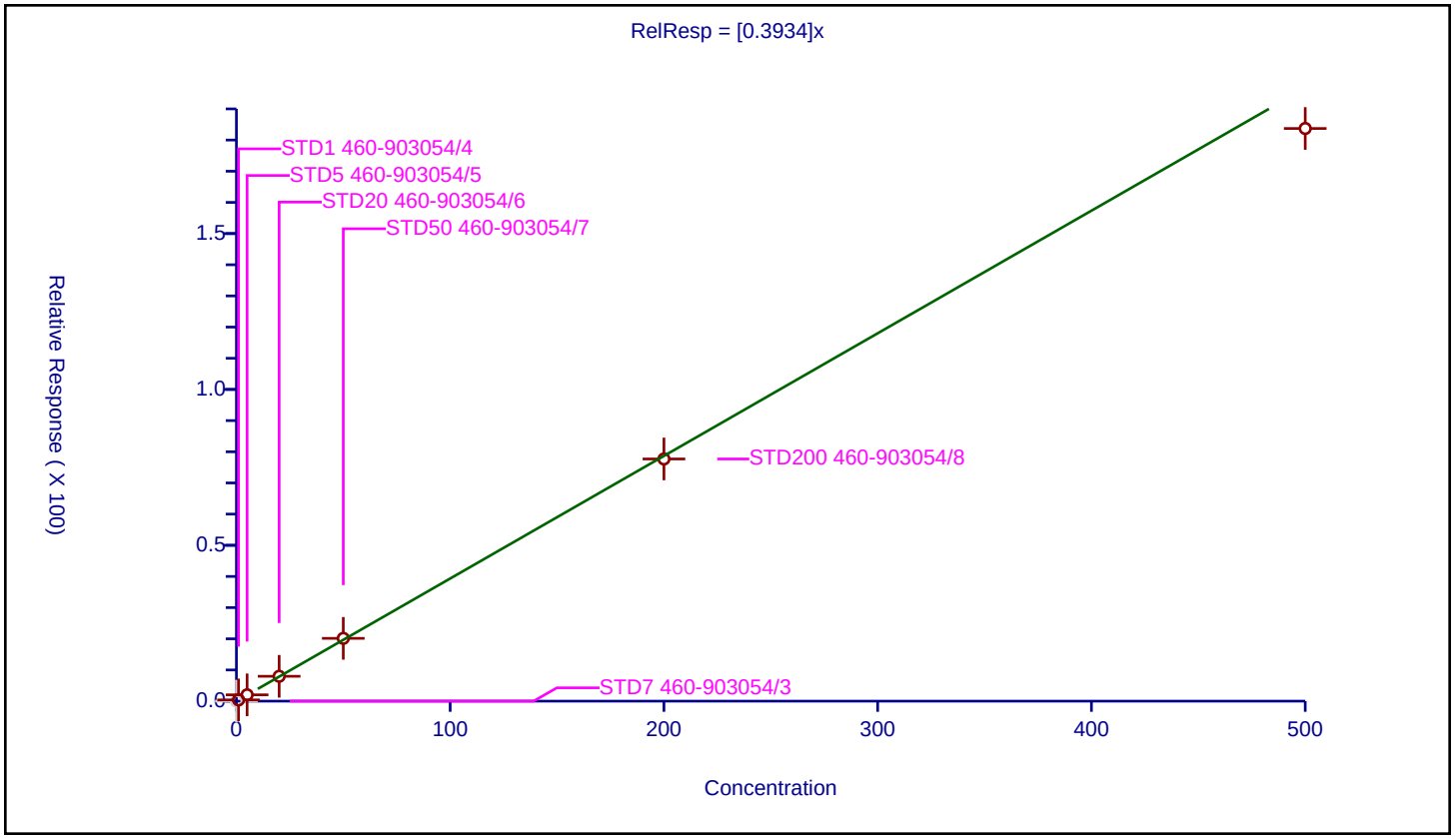
Curve Coefficients

Intercept:	0
Slope:	0.3934

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.396581	50.0	597986.0	0.396581	Y
3	STD5 460-903054/5	5.0	2.030001	50.0	601847.0	0.406	Y
4	STD20 460-903054/6	20.0	7.97814	50.0	608613.0	0.398907	Y
5	STD50 460-903054/7	50.0	20.139859	50.0	616978.0	0.402797	Y
6	STD200 460-903054/8	200.0	77.687451	50.0	617388.0	0.388437	Y
7	STD500 460-903054/9	500.0	183.709408	50.0	614284.0	0.367419	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

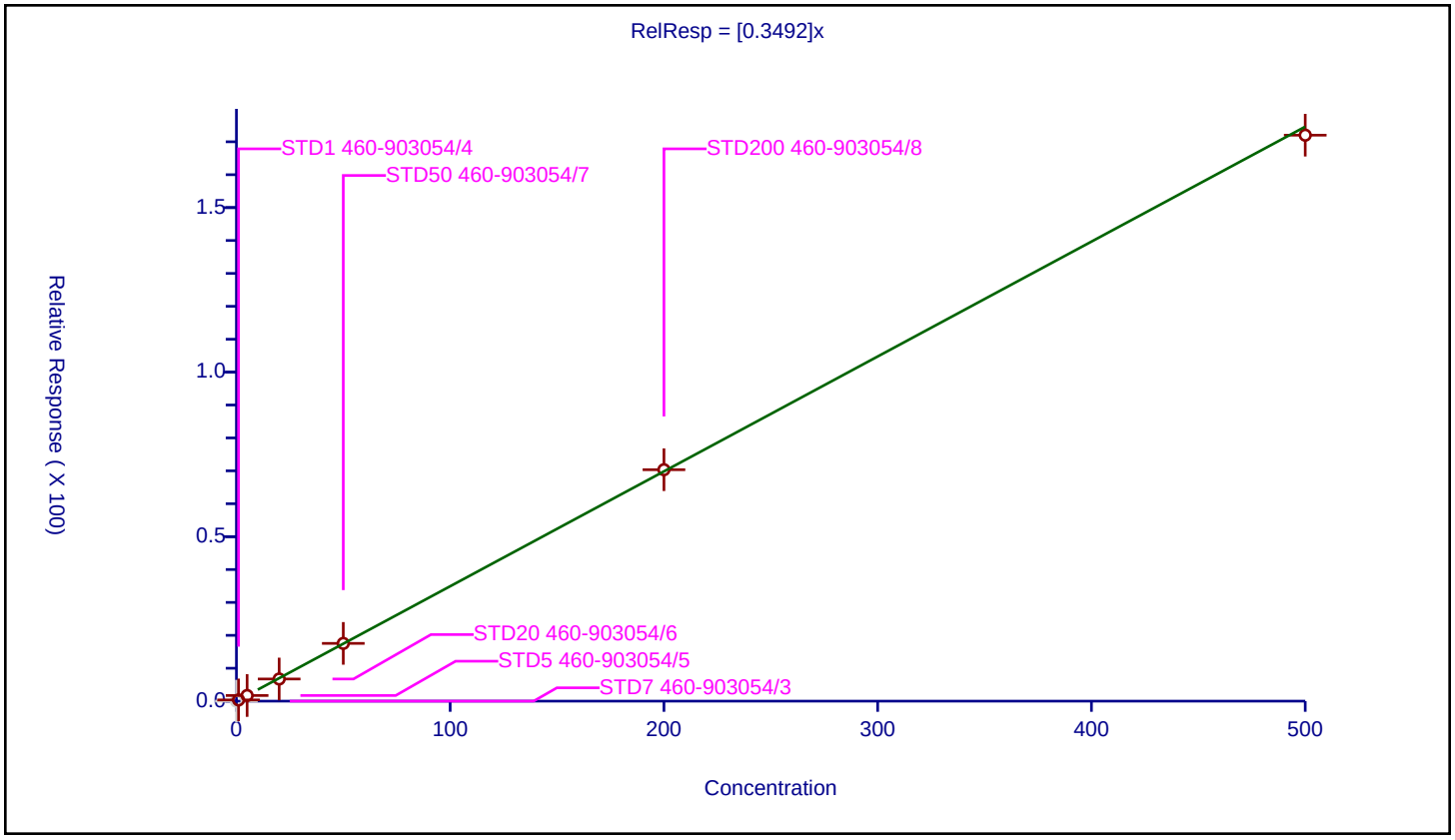
Curve Coefficients

Intercept:	0
Slope:	0.3492

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.369908	50.0	597986.0	0.369908	Y
3	STD5 460-903054/5	5.0	1.708906	50.0	601847.0	0.341781	Y
4	STD20 460-903054/6	20.0	6.73096	50.0	608613.0	0.336548	Y
5	STD50 460-903054/7	50.0	17.551436	50.0	616978.0	0.351029	Y
6	STD200 460-903054/8	200.0	70.341503	50.0	617388.0	0.351708	Y
7	STD500 460-903054/9	500.0	172.011561	50.0	614284.0	0.344023	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

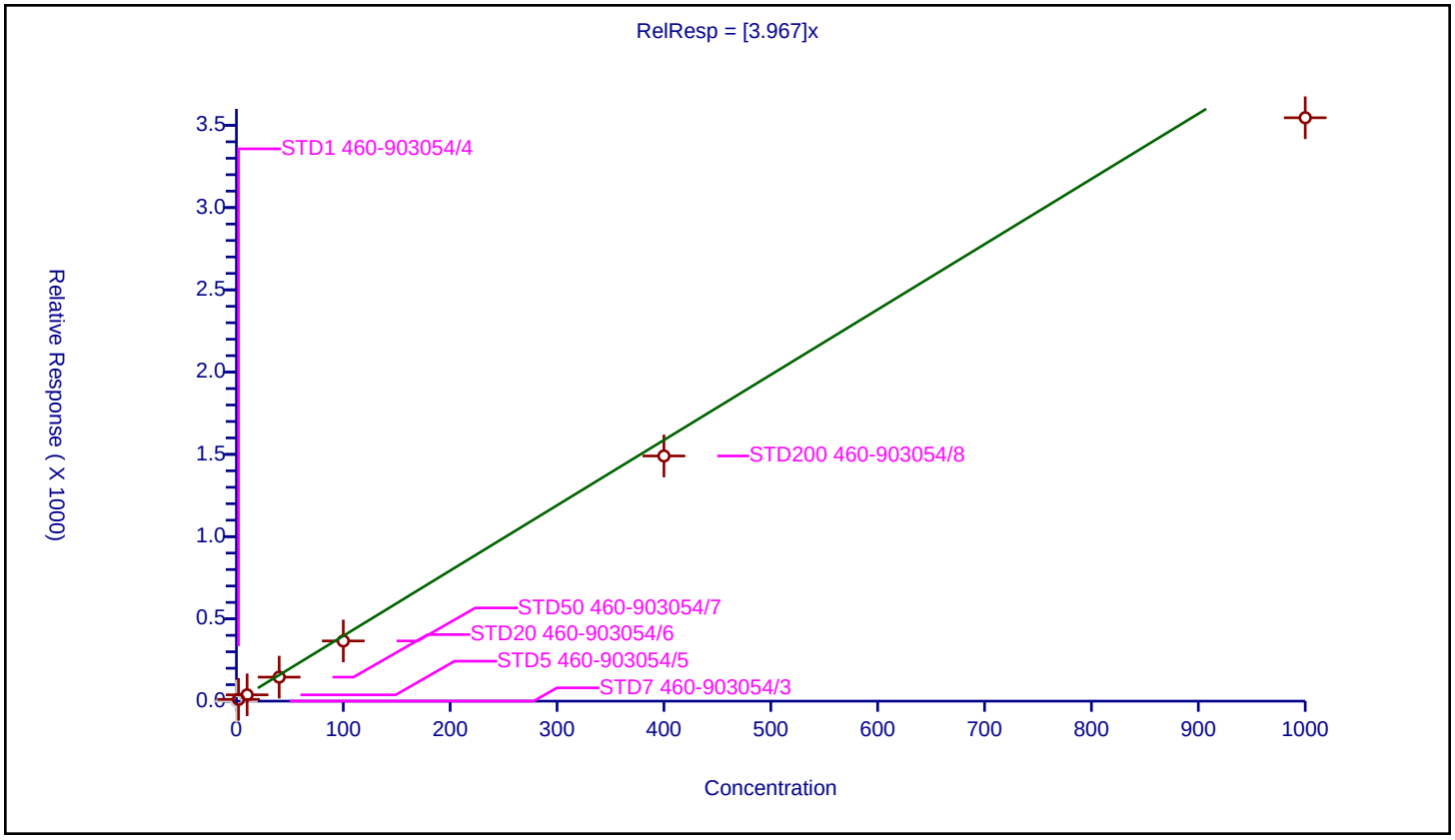
Curve Coefficients

Intercept:	0
Slope:	3.967

Error Coefficients

Standard Error:	365000
Relative Standard Error:	17.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	1000.0	211442.0	NaN	N
2	STD1 460-903054/4	2.0	10.798408	1000.0	219662.0	5.399204	Y
3	STD5 460-903054/5	10.0	38.272389	1000.0	211066.0	3.827239	Y
4	STD20 460-903054/6	40.0	145.957256	1000.0	216029.0	3.648931	Y
5	STD50 460-903054/7	100.0	365.766907	1000.0	214798.0	3.657669	Y
6	STD200 460-903054/8	400.0	1490.307181	1000.0	210723.0	3.725768	Y
7	STD500 460-903054/9	1000.0	3546.02545	1000.0	212263.0	3.546025	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

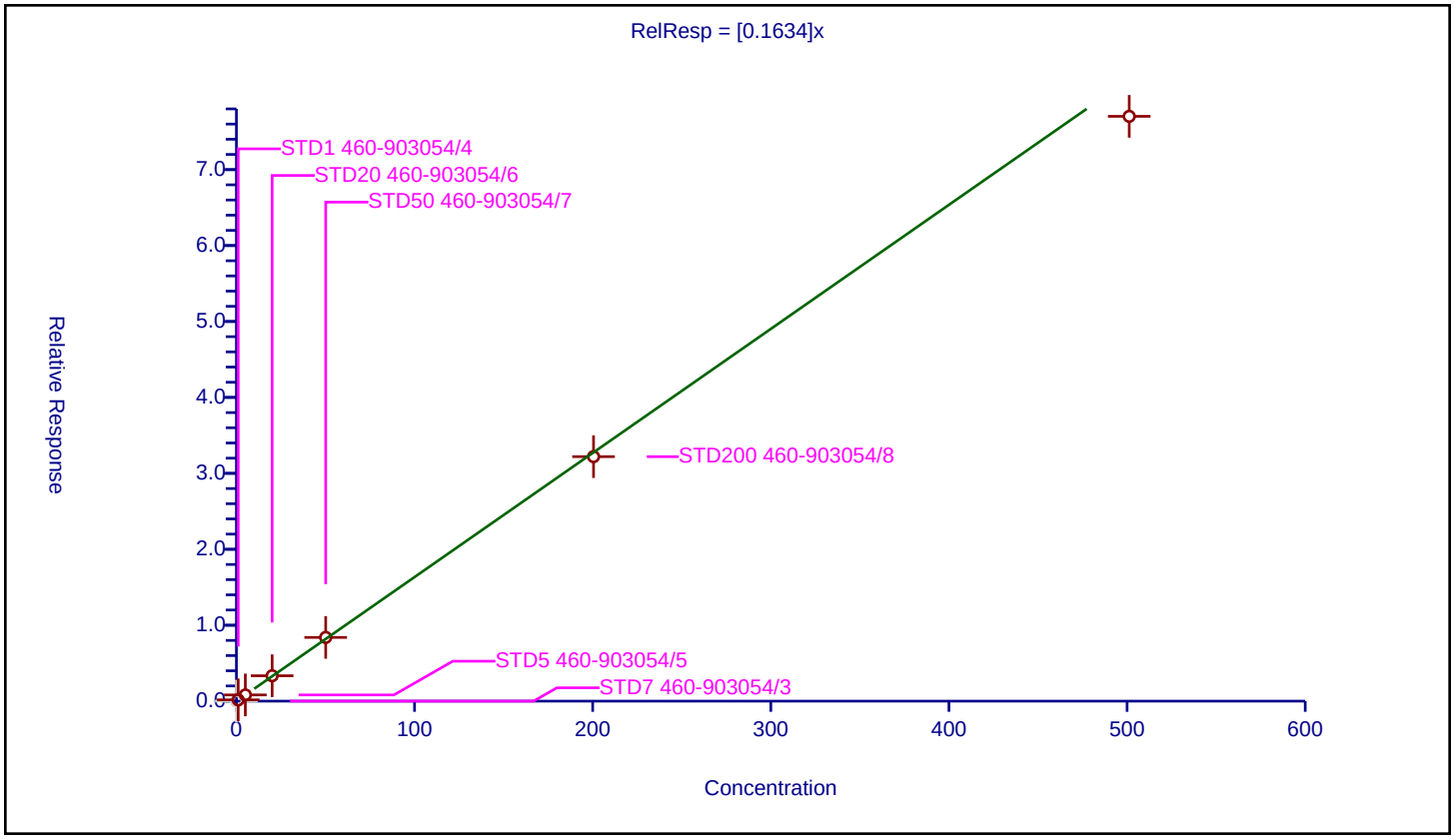
Curve Coefficients

Intercept:	0
Slope:	0.1634

Error Coefficients

Standard Error:	462000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0024	0.169235	50.0	597986.0	0.16883	Y
3	STD5 460-903054/5	5.012	0.8174	50.0	601847.0	0.163089	Y
4	STD20 460-903054/6	20.048	3.344161	50.0	608613.0	0.166808	Y
5	STD50 460-903054/7	50.12	8.393978	50.0	616978.0	0.167478	Y
6	STD200 460-903054/8	200.48	32.199929	50.0	617388.0	0.160614	Y
7	STD500 460-903054/9	501.2	77.016982	50.0	614284.0	0.153665	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

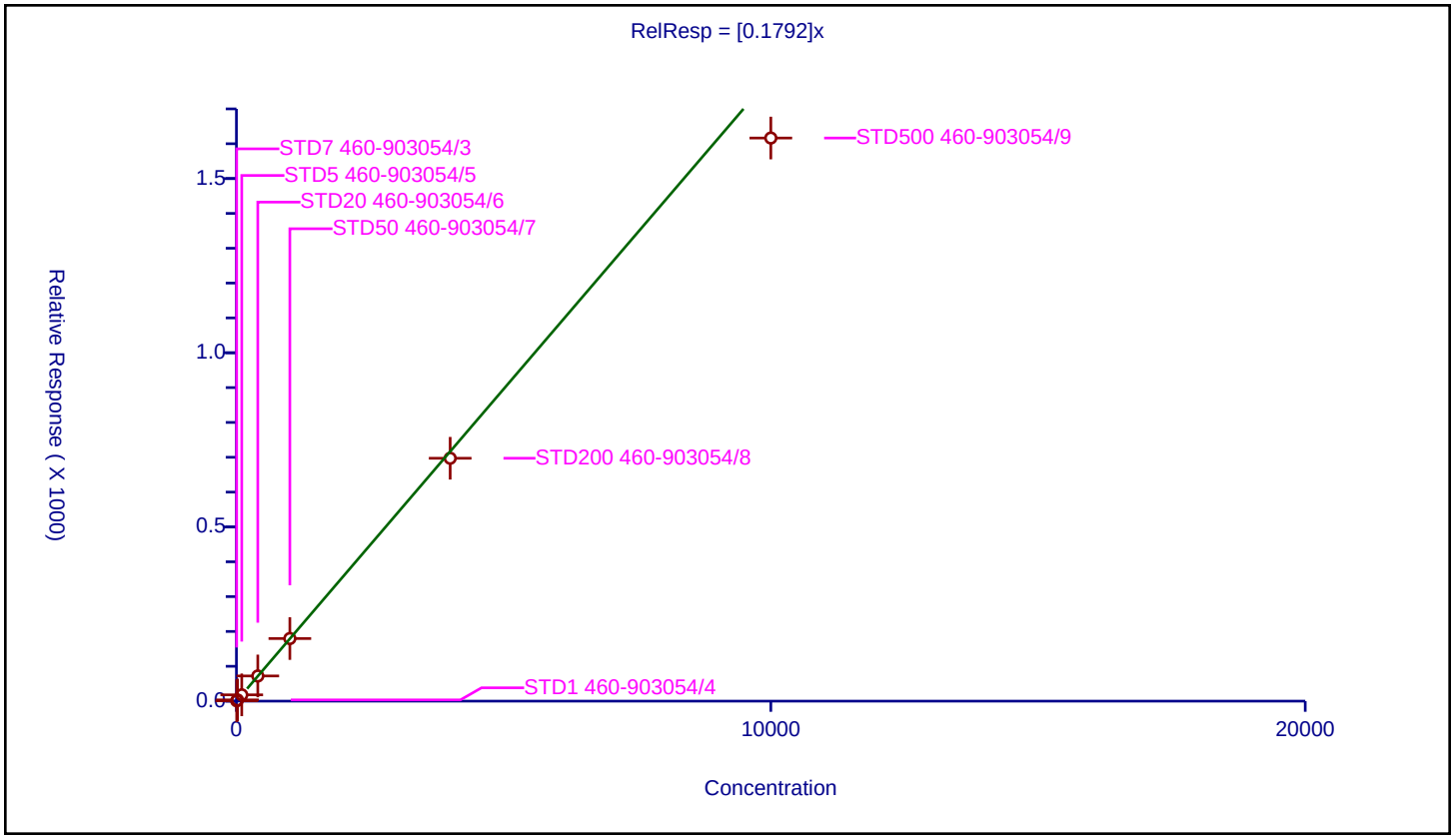
Curve Coefficients

Intercept:	0
Slope:	0.1792

Error Coefficients

Standard Error:	947000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	5.000009	1.003161	250.0	332200.0	0.200632	Y
2	STD1 460-903054/4	20.000035	3.531308	250.0	310225.0	0.176565	Y
3	STD5 460-903054/5	100.000173	18.07045	250.0	309580.0	0.180704	Y
4	STD20 460-903054/6	400.000692	72.245621	250.0	307465.0	0.180614	Y
5	STD50 460-903054/7	1000.00173	179.666113	250.0	315616.0	0.179666	Y
6	STD200 460-903054/8	4000.00692	697.224914	250.0	318891.0	0.174306	Y
7	STD500 460-903054/9	10000.0173	1616.365626	250.0	329468.0	0.161636	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

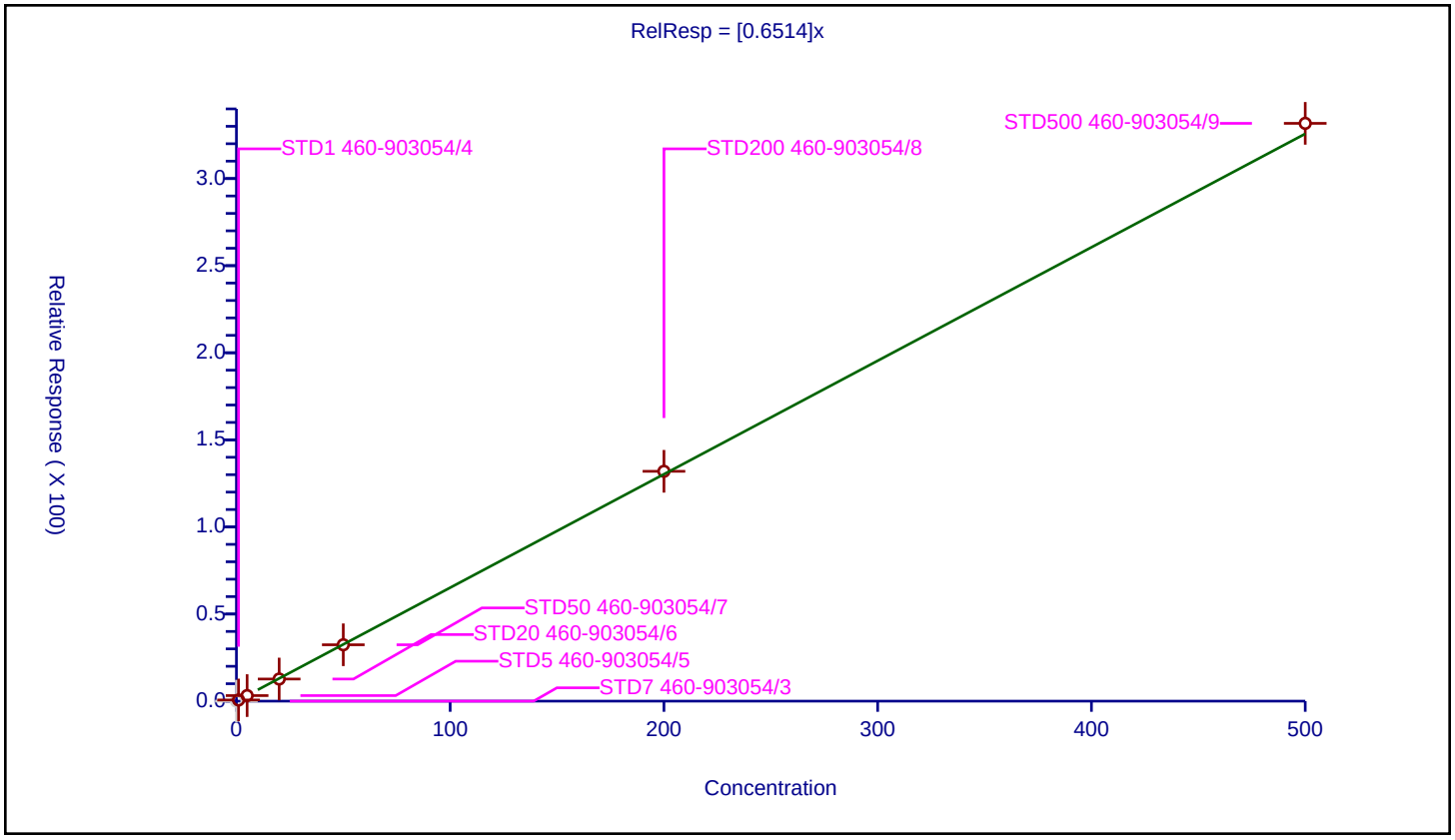
Curve Coefficients

Intercept:	0
Slope:	0.6514

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.664507	50.0	419183.0	0.664507	Y
3	STD5 460-903054/5	5.0	3.193186	50.0	422697.0	0.638637	Y
4	STD20 460-903054/6	20.0	12.695484	50.0	425931.0	0.634774	Y
5	STD50 460-903054/7	50.0	32.357538	50.0	432536.0	0.647151	Y
6	STD200 460-903054/8	200.0	131.946244	50.0	422984.0	0.659731	Y
7	STD500 460-903054/9	500.0	331.69233	50.0	400832.0	0.663385	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

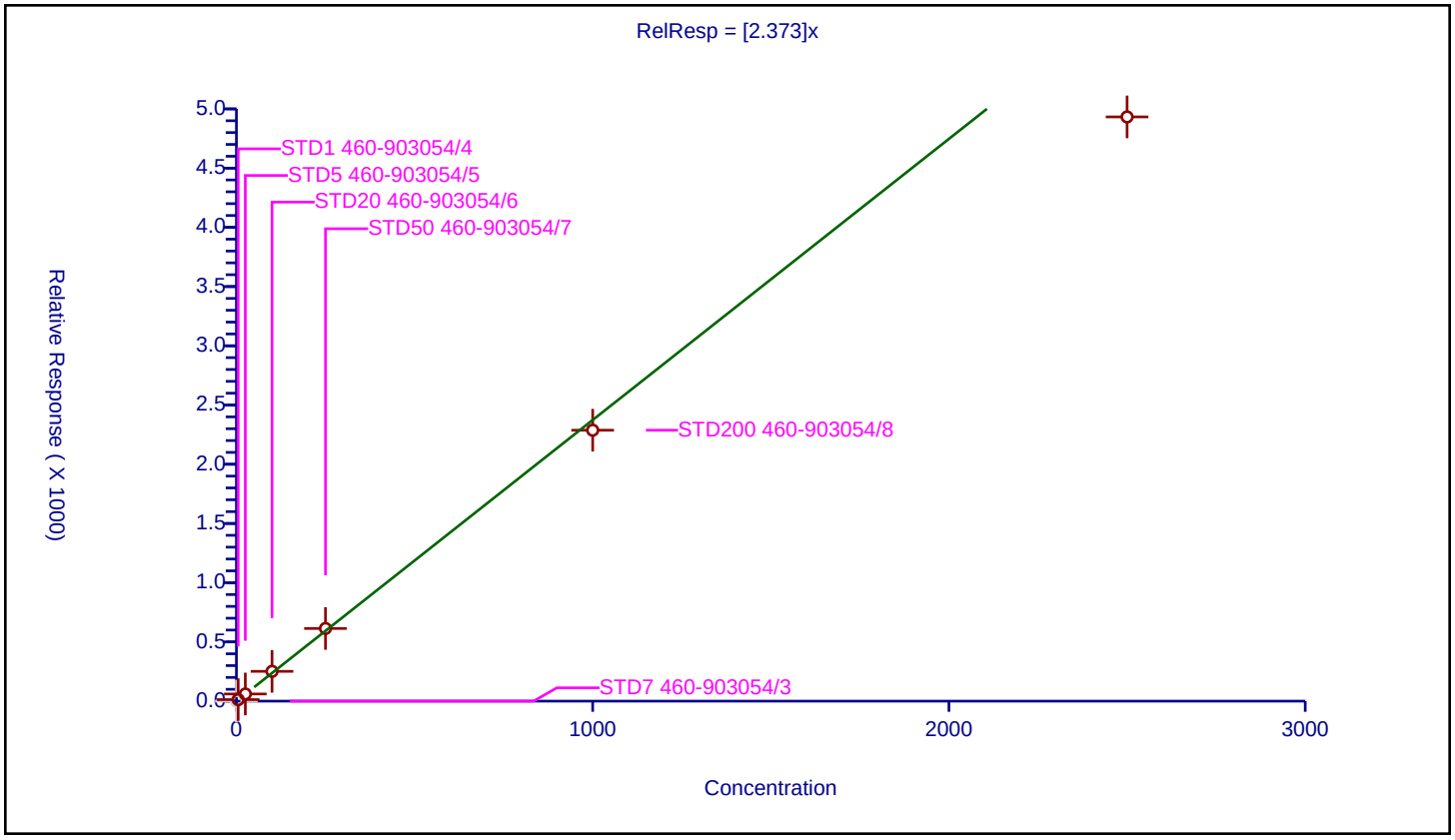
Curve Coefficients

Intercept:	0
Slope:	2.373

Error Coefficients

Standard Error:	3210000
Relative Standard Error:	9.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	5.0	12.967201	250.0	310225.0	2.59344	Y
3	STD5 460-903054/5	25.0	60.457717	250.0	309580.0	2.418309	Y
4	STD20 460-903054/6	100.0	251.414795	250.0	307465.0	2.514148	Y
5	STD50 460-903054/7	250.0	613.609576	250.0	315616.0	2.454438	Y
6	STD200 460-903054/8	1000.0	2287.446181	250.0	318891.0	2.287446	Y
7	STD500 460-903054/9	2500.0	4932.258216	250.0	329468.0	1.972903	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

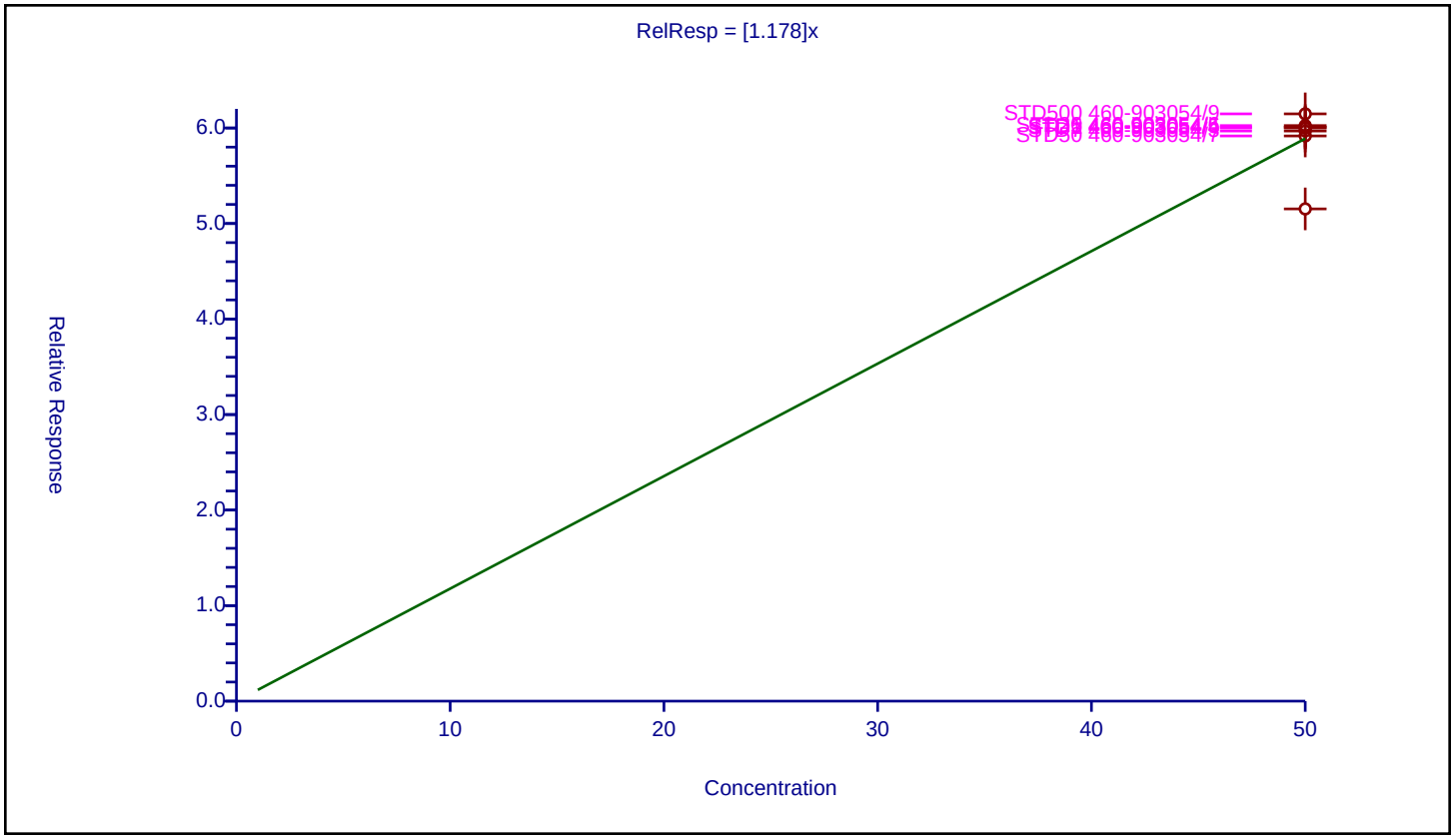
Curve Coefficients

Intercept:	0
Slope:	1.178

Error Coefficients

Standard Error:	534000
Relative Standard Error:	5.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	50.0	59.684626	50.0	410687.0	1.193693	Y
2	STD1 460-903054/4	50.0	59.999928	50.0	419183.0	1.199999	Y
3	STD5 460-903054/5	50.0	60.080862	50.0	422697.0	1.201617	Y
4	STD20 460-903054/6	50.0	60.252013	50.0	425931.0	1.20504	Y
5	STD50 460-903054/7	50.0	59.167792	50.0	432536.0	1.183356	Y
6	STD200 460-903054/8	50.0	51.5302	50.0	422984.0	1.030604	Y
7	STD500 460-903054/9	50.0	61.478375	50.0	400832.0	1.229567	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

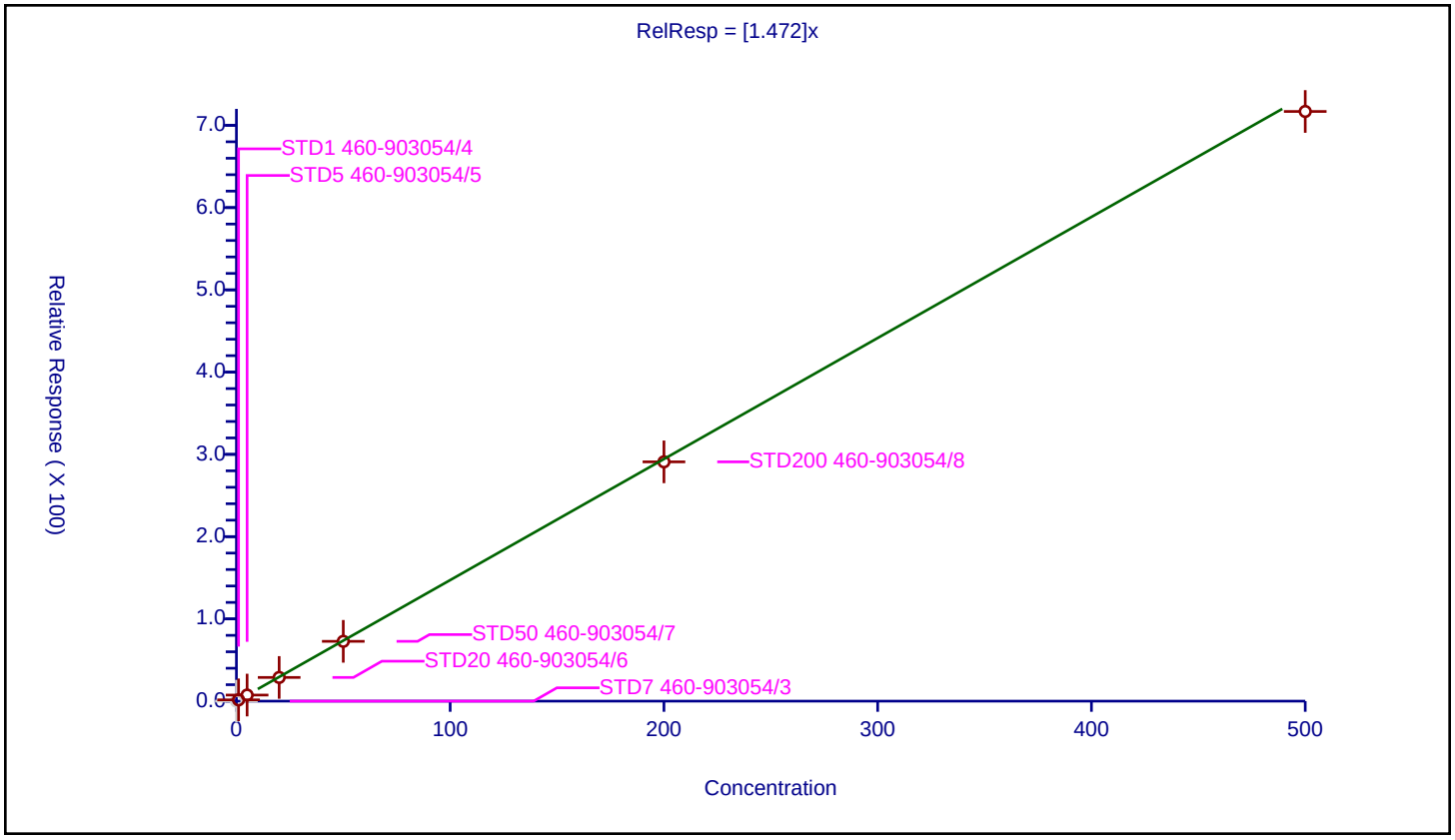
Curve Coefficients

Intercept:	0
Slope:	1.472

Error Coefficients

Standard Error:	2810000
Relative Standard Error:	3.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	1.566857	50.0	419183.0	1.566857	Y
3	STD5 460-903054/5	5.0	7.403767	50.0	422697.0	1.480753	Y
4	STD20 460-903054/6	20.0	28.78964	50.0	425931.0	1.439482	Y
5	STD50 460-903054/7	50.0	72.697186	50.0	432536.0	1.453944	Y
6	STD200 460-903054/8	200.0	290.92578	50.0	422984.0	1.454629	Y
7	STD500 460-903054/9	500.0	716.868039	50.0	400832.0	1.433736	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

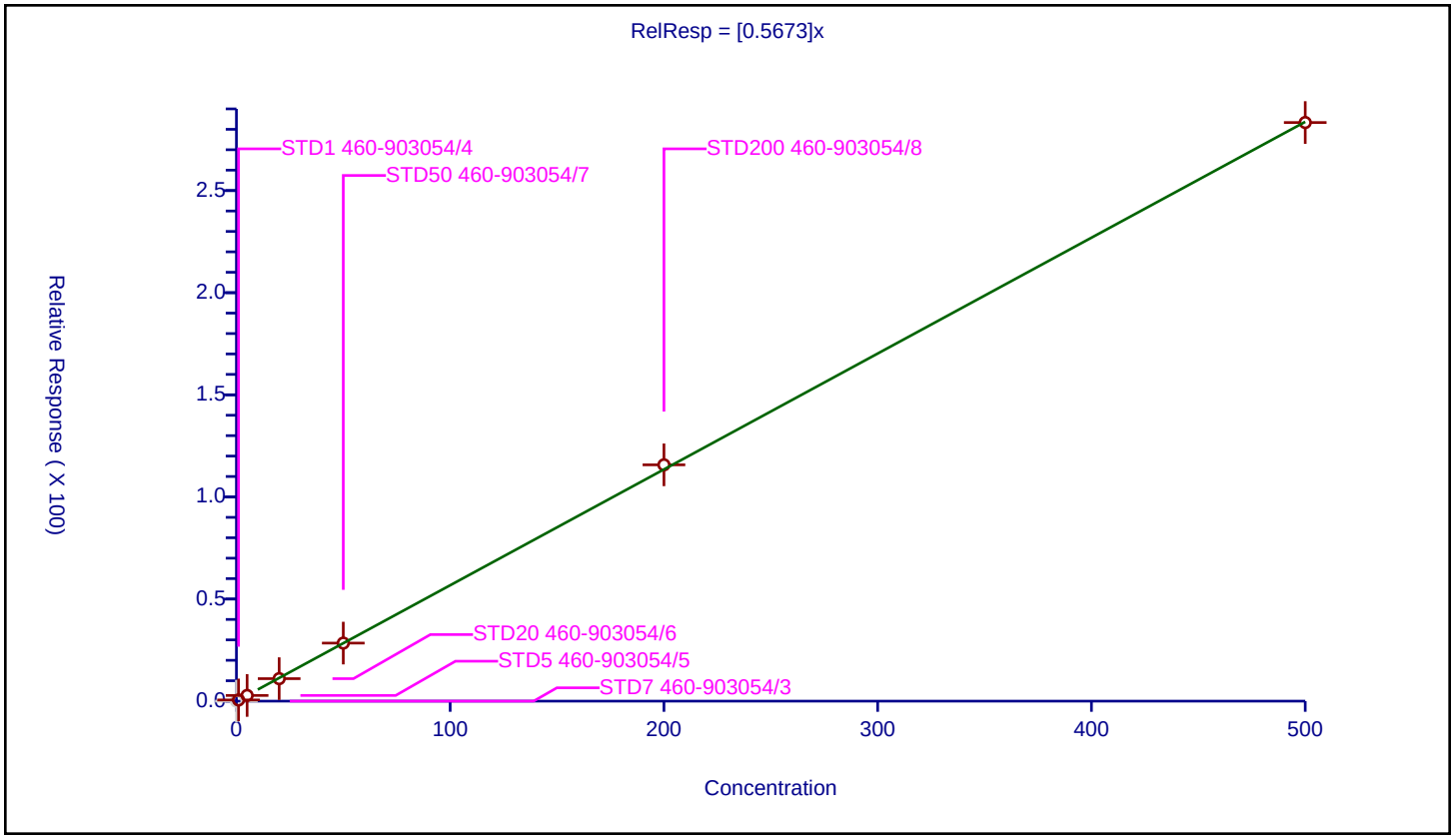
Curve Coefficients

Intercept:	0
Slope:	0.5673

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.581965	50.0	419183.0	0.581965	Y
3	STD5 460-903054/5	5.0	2.788995	50.0	422697.0	0.557799	Y
4	STD20 460-903054/6	20.0	11.01223	50.0	425931.0	0.550611	Y
5	STD50 460-903054/7	50.0	28.418328	50.0	432536.0	0.568367	Y
6	STD200 460-903054/8	200.0	115.709814	50.0	422984.0	0.578549	Y
7	STD500 460-903054/9	500.0	283.323188	50.0	400832.0	0.566646	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

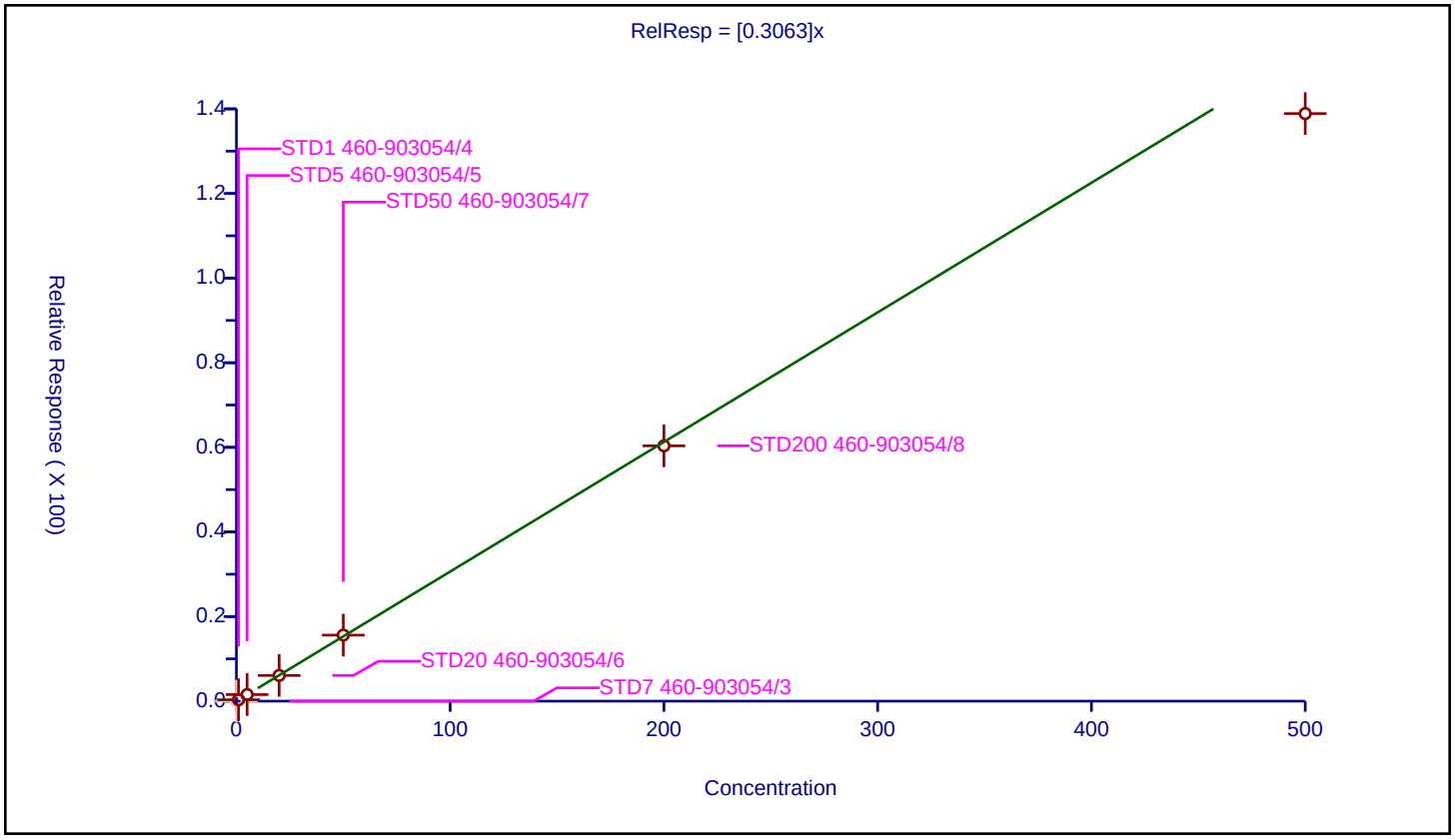
Curve Coefficients

Intercept:	0
Slope:	0.3063

Error Coefficients

Standard Error:	838000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	589469.0	NaN	N
2	STD1 460-903054/4	1.0	0.332115	50.0	597986.0	0.332115	Y
3	STD5 460-903054/5	5.0	1.552305	50.0	601847.0	0.310461	Y
4	STD20 460-903054/6	20.0	6.070689	50.0	608613.0	0.303534	Y
5	STD50 460-903054/7	50.0	15.612874	50.0	616978.0	0.312257	Y
6	STD200 460-903054/8	200.0	60.349003	50.0	617388.0	0.301745	Y
7	STD500 460-903054/9	500.0	138.893492	50.0	614284.0	0.277787	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

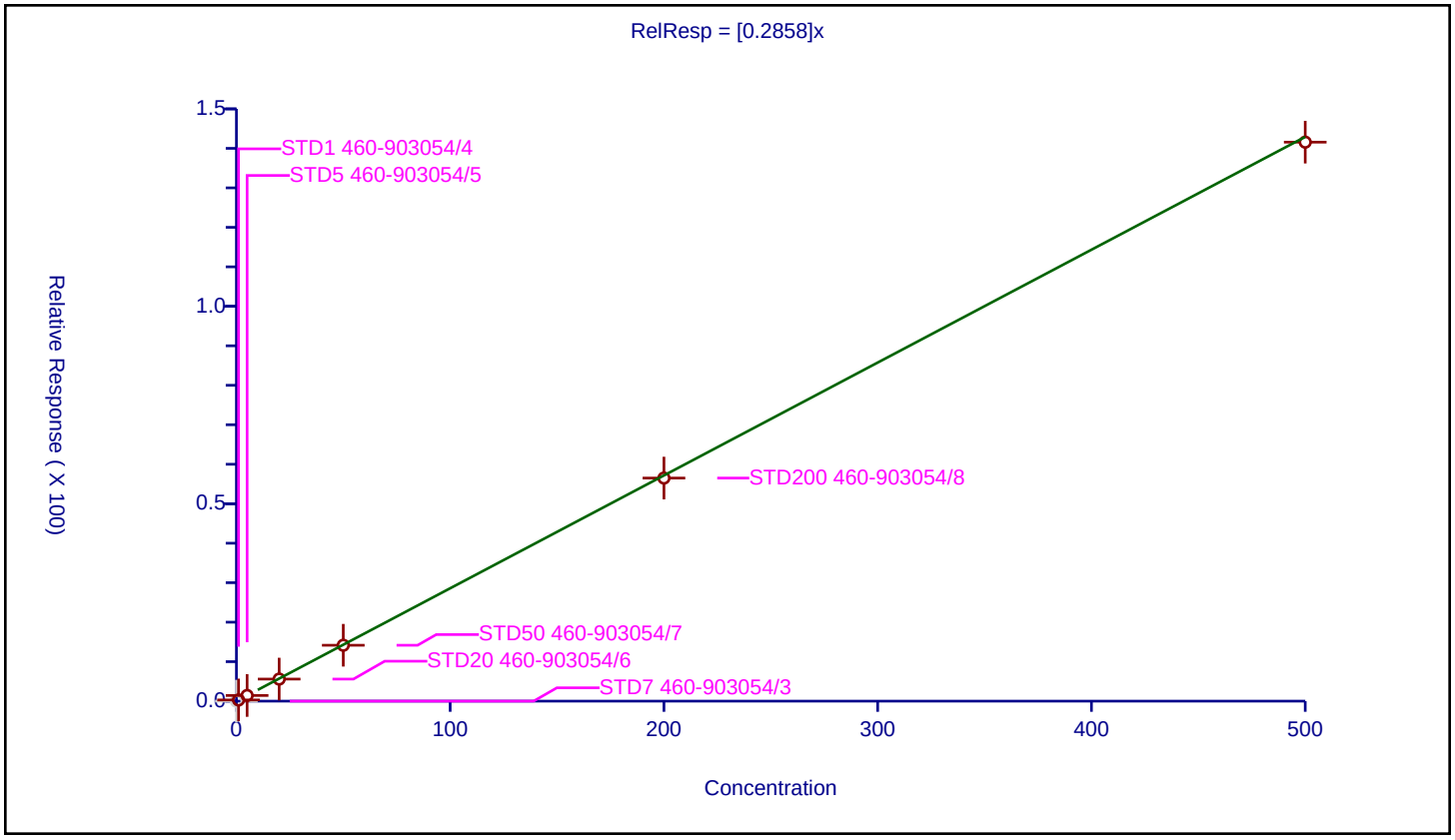
Curve Coefficients

Intercept:	0
Slope:	0.2858

Error Coefficients

Standard Error:	554000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.299869	50.0	419183.0	0.299869	Y
3	STD5 460-903054/5	5.0	1.434597	50.0	422697.0	0.286919	Y
4	STD20 460-903054/6	20.0	5.586116	50.0	425931.0	0.279306	Y
5	STD50 460-903054/7	50.0	14.157434	50.0	432536.0	0.283149	Y
6	STD200 460-903054/8	200.0	56.499773	50.0	422984.0	0.282499	Y
7	STD500 460-903054/9	500.0	141.574151	50.0	400832.0	0.283148	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

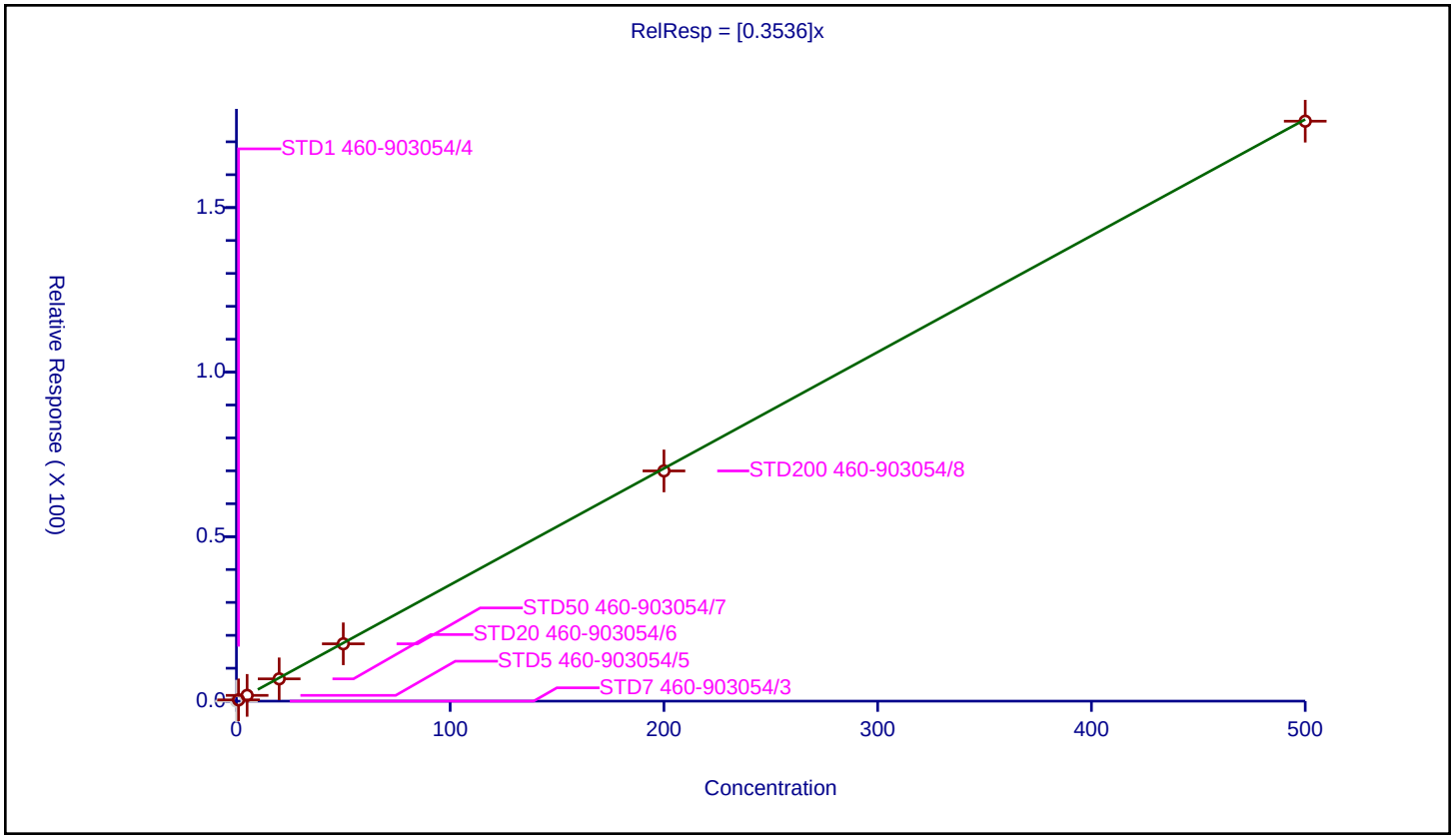
Curve Coefficients

Intercept:	0
Slope:	0.3536

Error Coefficients

Standard Error:	689000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.380979	50.0	419183.0	0.380979	Y
3	STD5 460-903054/5	5.0	1.756341	50.0	422697.0	0.351268	Y
4	STD20 460-903054/6	20.0	6.773163	50.0	425931.0	0.338658	Y
5	STD50 460-903054/7	50.0	17.424214	50.0	432536.0	0.348484	Y
6	STD200 460-903054/8	200.0	69.967658	50.0	422984.0	0.349838	Y
7	STD500 460-903054/9	500.0	176.267489	50.0	400832.0	0.352535	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

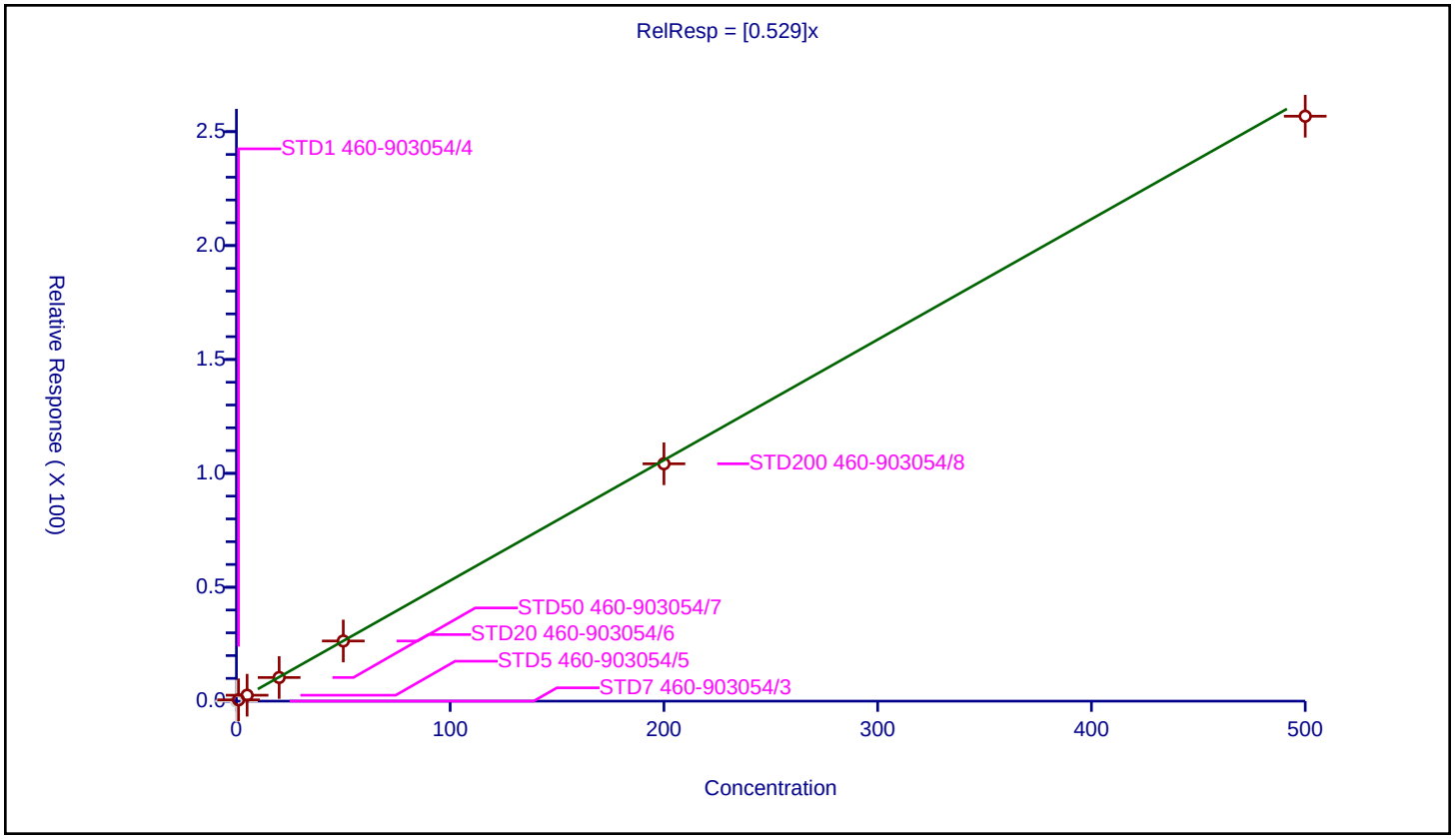
Curve Coefficients

Intercept:	0
Slope:	0.529

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.573139	50.0	419183.0	0.573139	Y
3	STD5 460-903054/5	5.0	2.596186	50.0	422697.0	0.519237	Y
4	STD20 460-903054/6	20.0	10.382785	50.0	425931.0	0.519139	Y
5	STD50 460-903054/7	50.0	26.406935	50.0	432536.0	0.528139	Y
6	STD200 460-903054/8	200.0	104.200513	50.0	422984.0	0.521003	Y
7	STD500 460-903054/9	500.0	256.780272	50.0	400832.0	0.513561	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

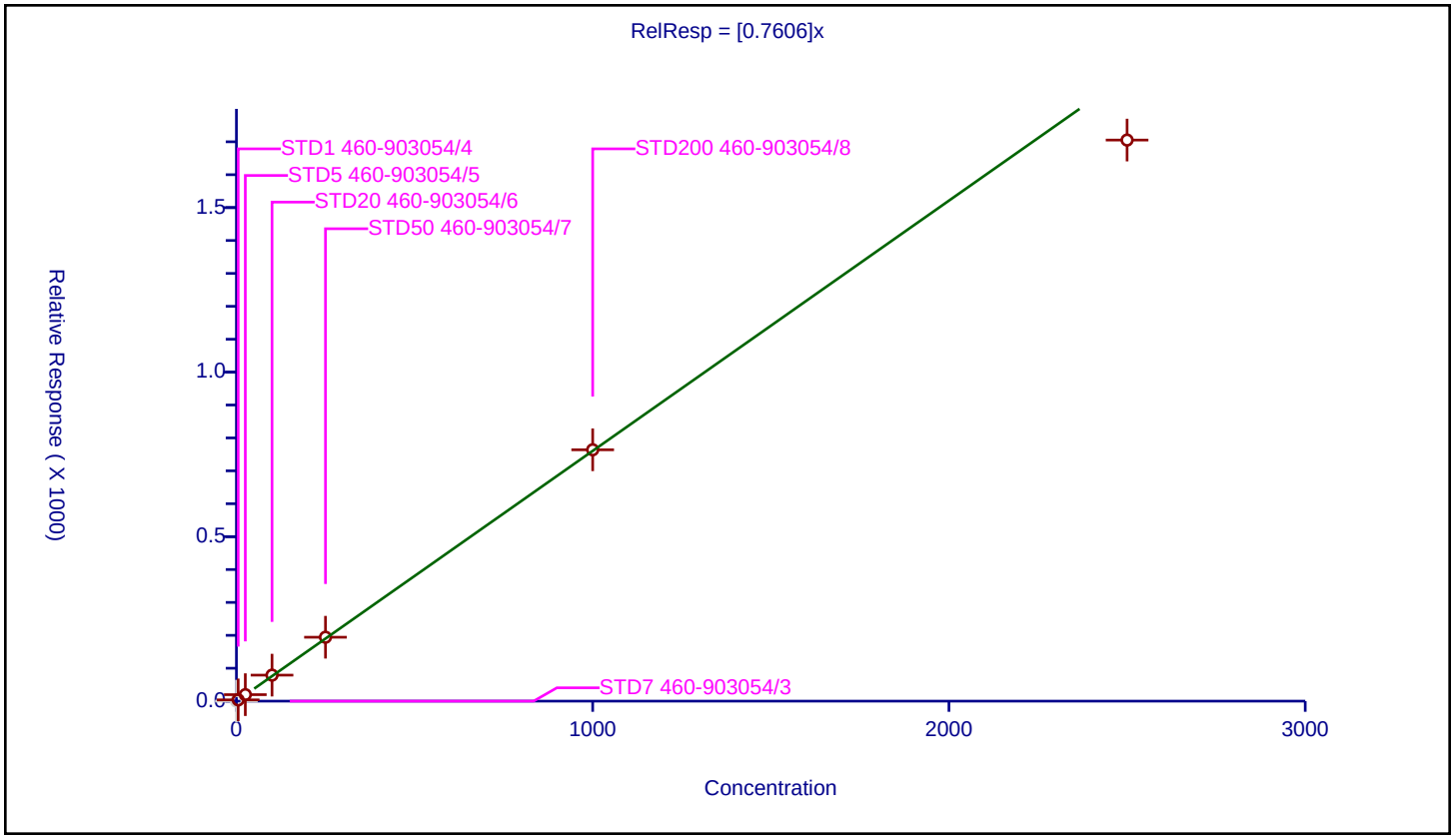
Curve Coefficients

Intercept:	0
Slope:	0.7606

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	250.0	332200.0	NaN	N
2	STD1 460-903054/4	5.0	3.812555	250.0	310225.0	0.762511	Y
3	STD5 460-903054/5	25.0	19.689579	250.0	309580.0	0.787583	Y
4	STD20 460-903054/6	100.0	79.038265	250.0	307465.0	0.790383	Y
5	STD50 460-903054/7	250.0	194.23841	250.0	315616.0	0.776954	Y
6	STD200 460-903054/8	1000.0	763.921685	250.0	318891.0	0.763922	Y
7	STD500 460-903054/9	2500.0	1705.252103	250.0	329468.0	0.682101	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

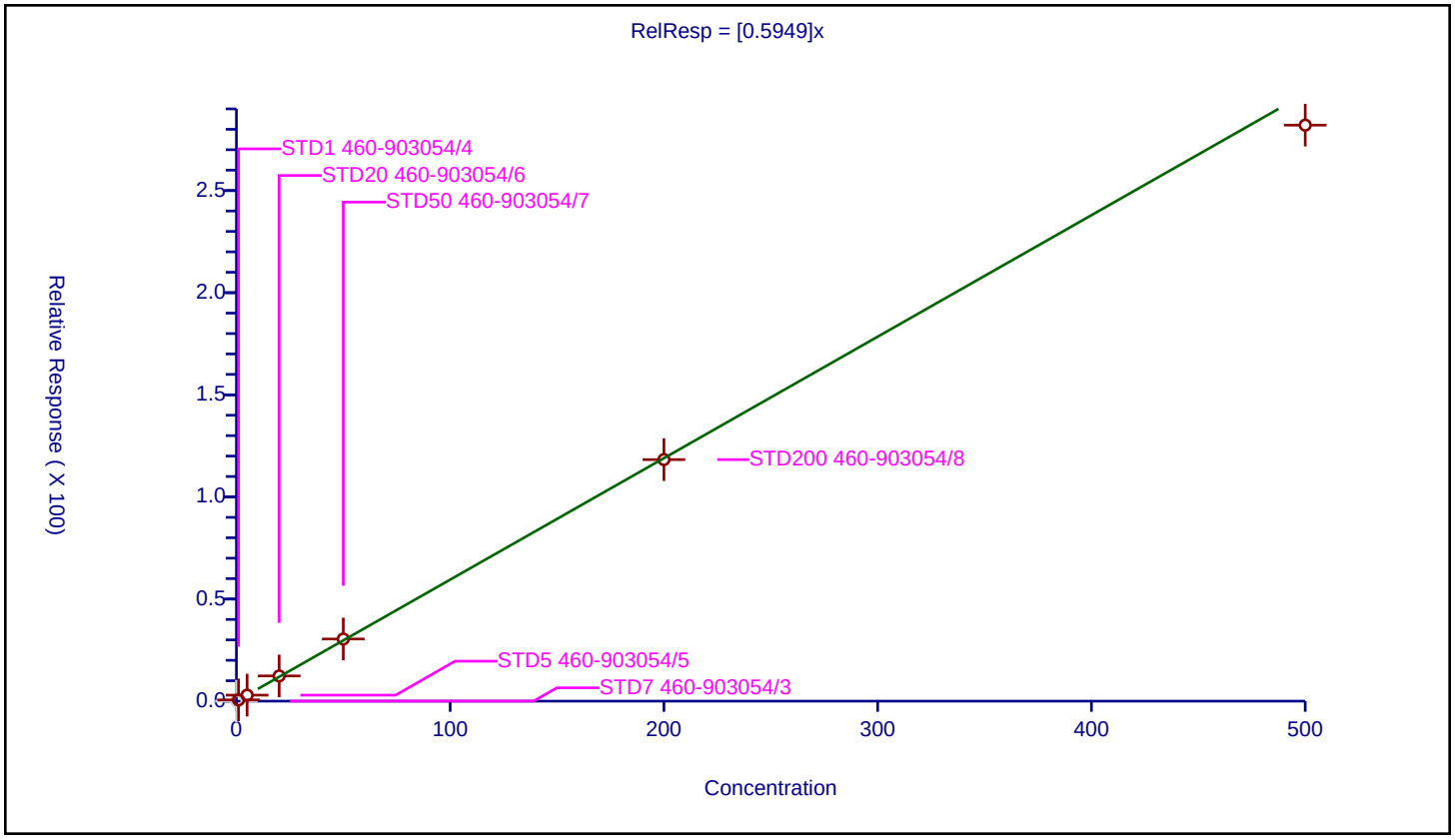
Curve Coefficients

Intercept:	0
Slope:	0.5949

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	3.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.600215	50.0	419183.0	0.600215	Y
3	STD5 460-903054/5	5.0	2.93934	50.0	422697.0	0.587868	Y
4	STD20 460-903054/6	20.0	12.339557	50.0	425931.0	0.616978	Y
5	STD50 460-903054/7	50.0	30.434114	50.0	432536.0	0.608682	Y
6	STD200 460-903054/8	200.0	118.268422	50.0	422984.0	0.591342	Y
7	STD500 460-903054/9	500.0	282.044223	50.0	400832.0	0.564088	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

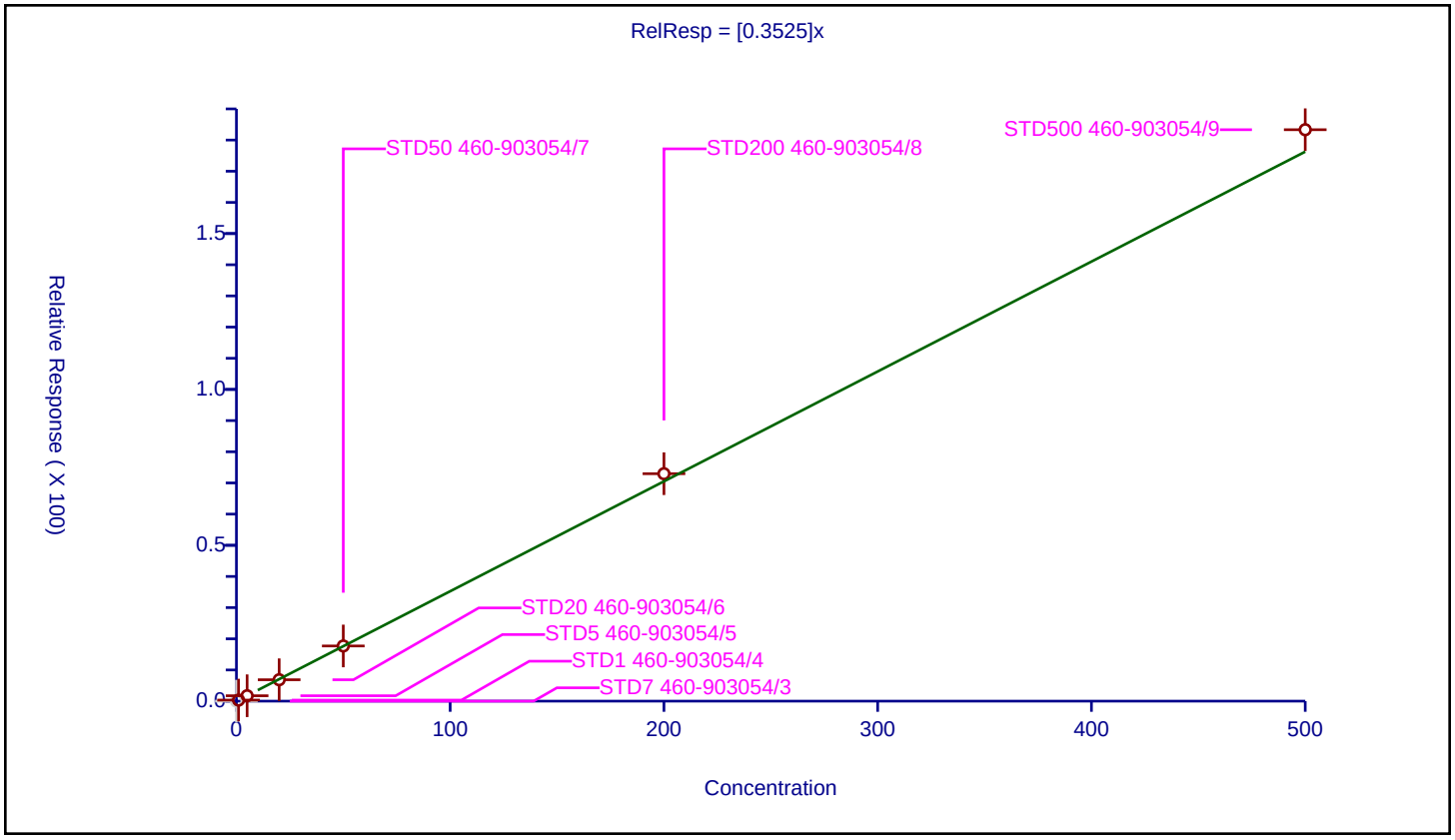
Curve Coefficients

Intercept:	0
Slope:	0.3525

Error Coefficients

Standard Error:	717000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.340066	50.0	419183.0	0.340066	Y
3	STD5 460-903054/5	5.0	1.731737	50.0	422697.0	0.346347	Y
4	STD20 460-903054/6	20.0	6.866253	50.0	425931.0	0.343313	Y
5	STD50 460-903054/7	50.0	17.70003	50.0	432536.0	0.354001	Y
6	STD200 460-903054/8	200.0	72.964935	50.0	422984.0	0.364825	Y
7	STD500 460-903054/9	500.0	183.321441	50.0	400832.0	0.366643	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

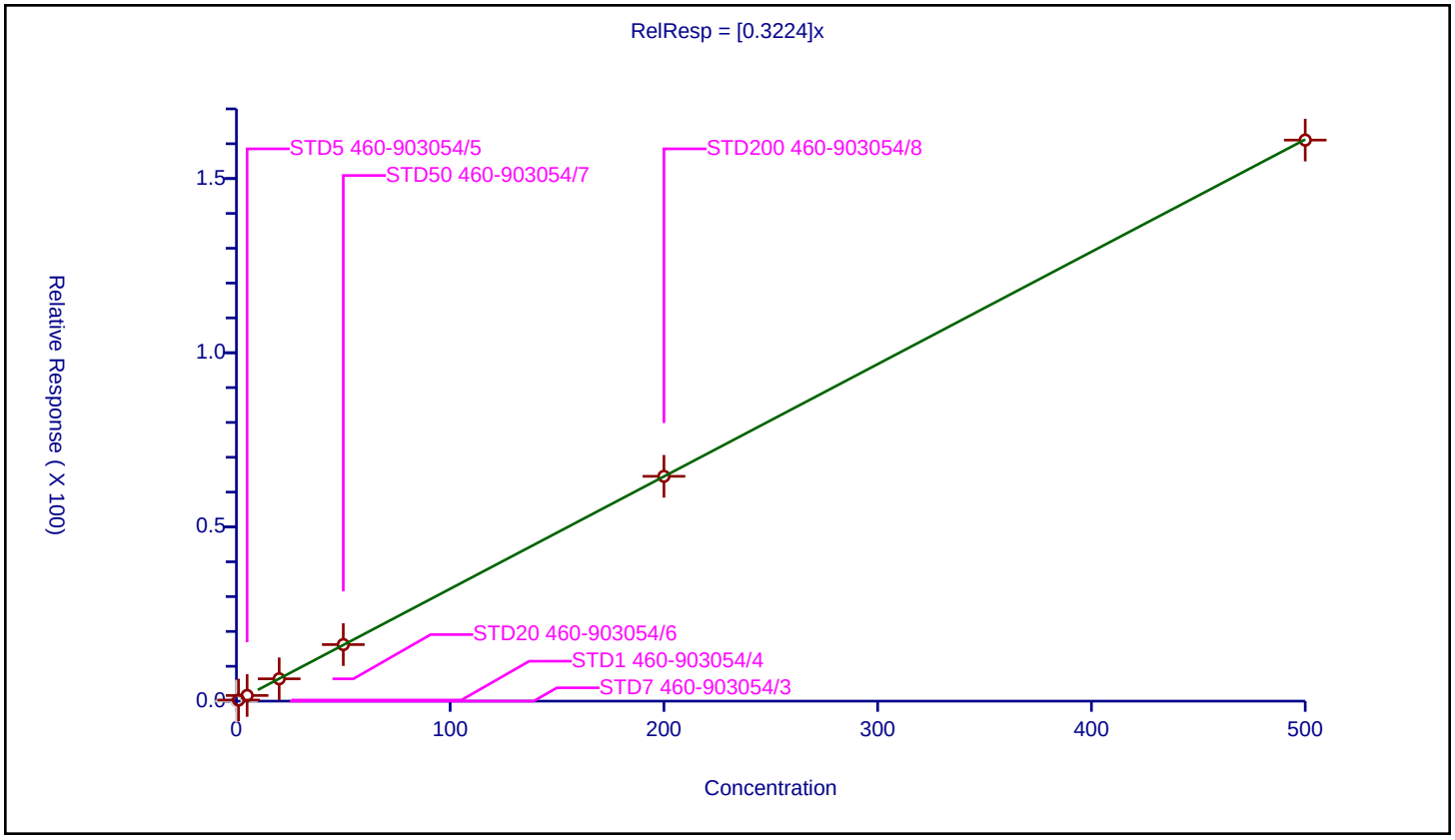
Curve Coefficients

Intercept:	0
Slope:	0.3224

Error Coefficients

Standard Error:	630000
Relative Standard Error:	0.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.319789	50.0	419183.0	0.319789	Y
3	STD5 460-903054/5	5.0	1.624923	50.0	422697.0	0.324985	Y
4	STD20 460-903054/6	20.0	6.410545	50.0	425931.0	0.320527	Y
5	STD50 460-903054/7	50.0	16.230672	50.0	432536.0	0.324613	Y
6	STD200 460-903054/8	200.0	64.536365	50.0	422984.0	0.322682	Y
7	STD500 460-903054/9	500.0	161.047272	50.0	400832.0	0.322095	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

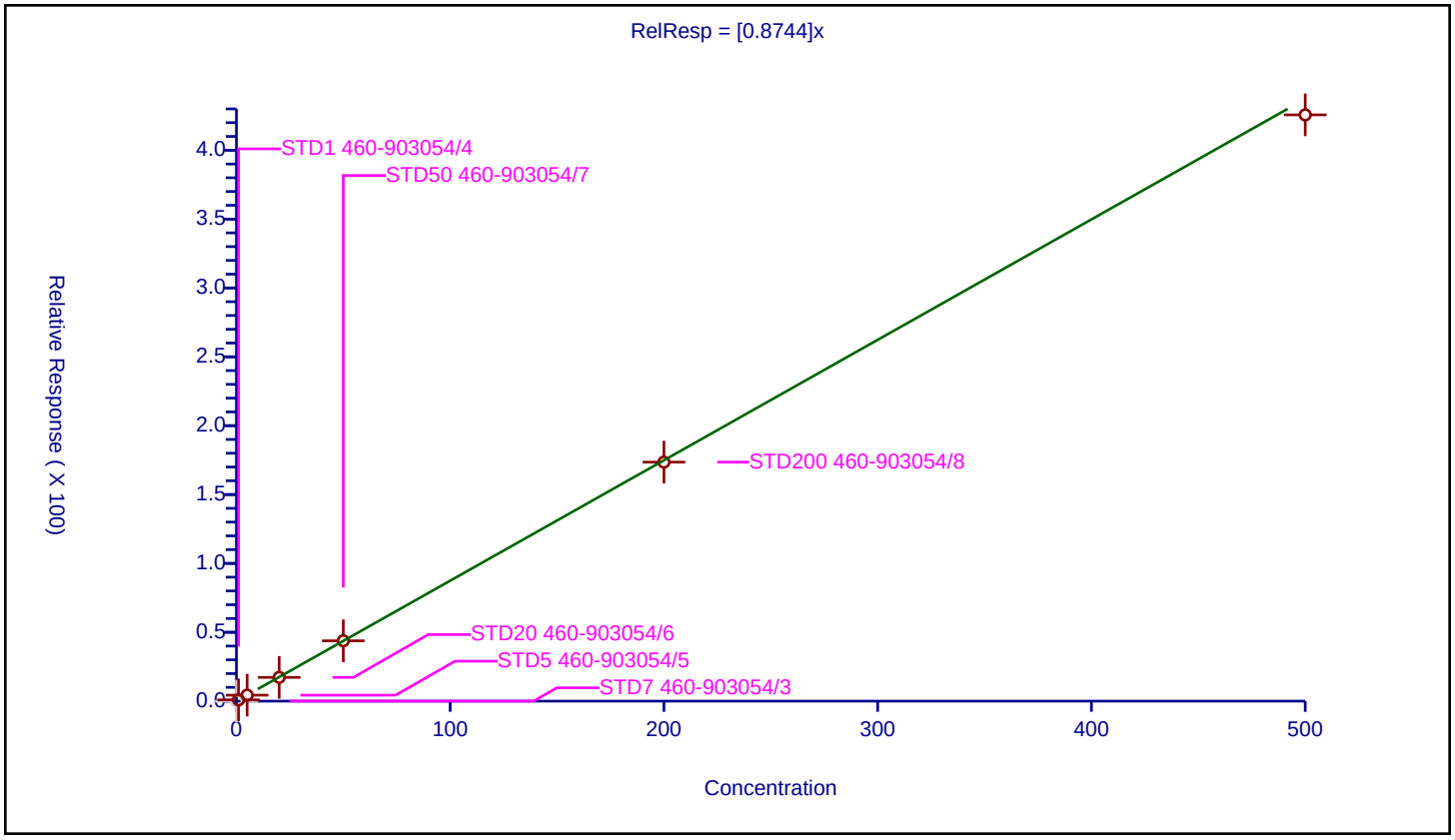
Curve Coefficients

Intercept:	0
Slope:	0.8744

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	2.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.921793	50.0	419183.0	0.921793	Y
3	STD5 460-903054/5	5.0	4.338569	50.0	422697.0	0.867714	Y
4	STD20 460-903054/6	20.0	17.235421	50.0	425931.0	0.861771	Y
5	STD50 460-903054/7	50.0	43.806758	50.0	432536.0	0.876135	Y
6	STD200 460-903054/8	200.0	173.539188	50.0	422984.0	0.867696	Y
7	STD500 460-903054/9	500.0	425.659877	50.0	400832.0	0.85132	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

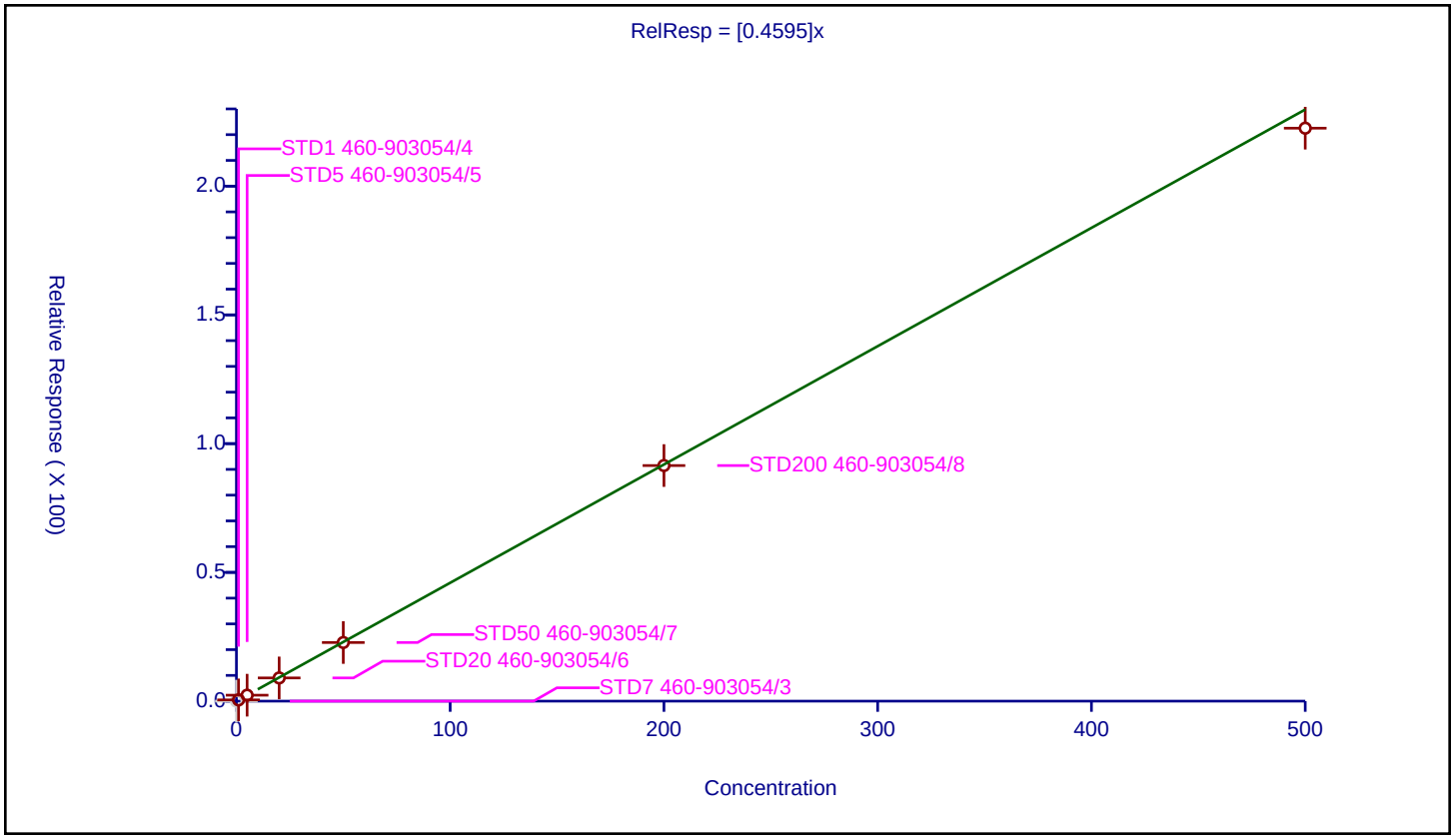
Curve Coefficients

Intercept:	0
Slope:	0.4595

Error Coefficients

Standard Error:	875000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.485945	50.0	419183.0	0.485945	Y
3	STD5 460-903054/5	5.0	2.310757	50.0	422697.0	0.462151	Y
4	STD20 460-903054/6	20.0	9.017658	50.0	425931.0	0.450883	Y
5	STD50 460-903054/7	50.0	22.77059	50.0	432536.0	0.455412	Y
6	STD200 460-903054/8	200.0	91.494123	50.0	422984.0	0.457471	Y
7	STD500 460-903054/9	500.0	222.507185	50.0	400832.0	0.445014	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

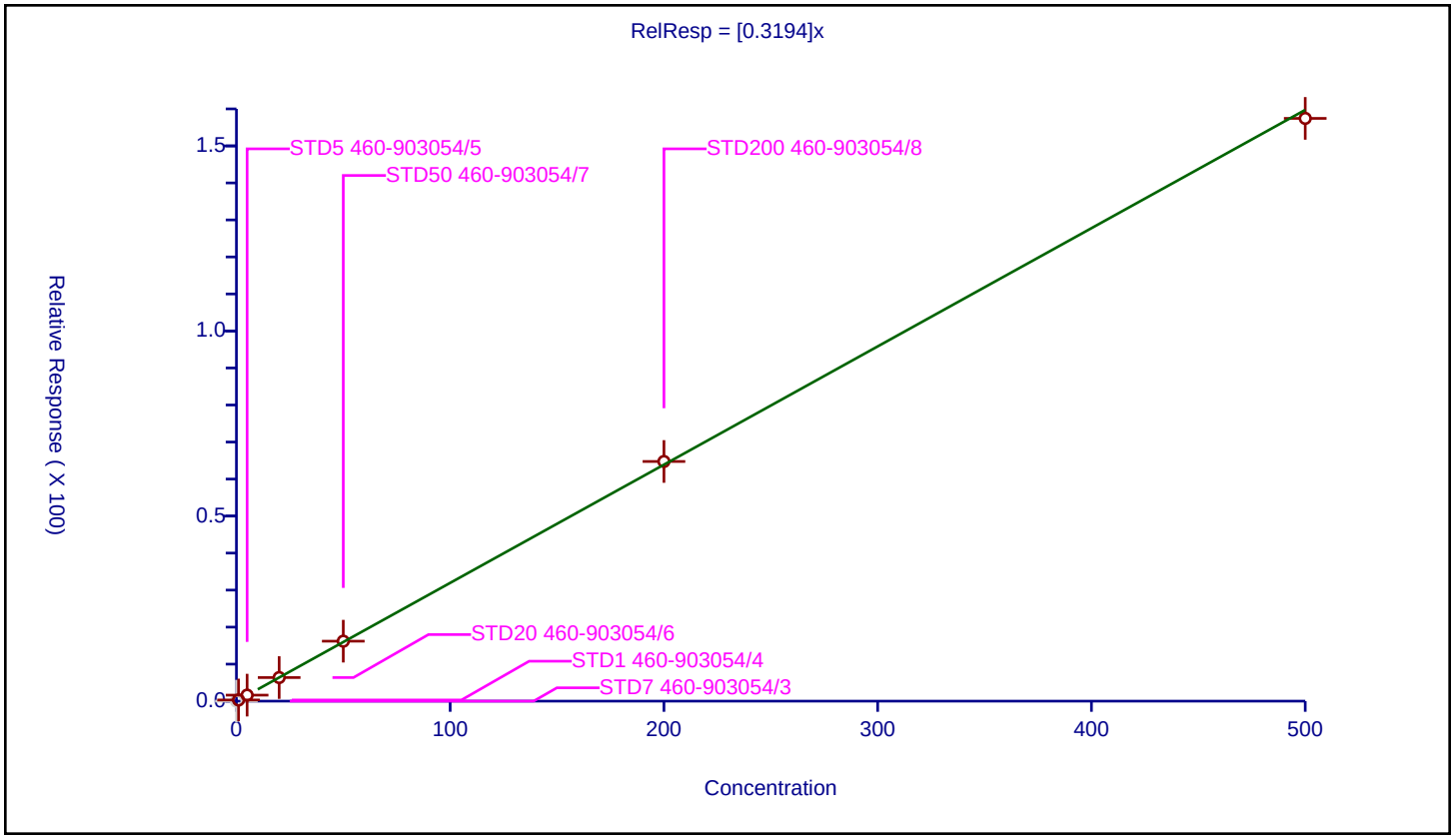
Curve Coefficients

Intercept:	0
Slope:	0.3194

Error Coefficients

Standard Error:	619000
Relative Standard Error:	1.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.311081	50.0	419183.0	0.311081	Y
3	STD5 460-903054/5	5.0	1.621138	50.0	422697.0	0.324228	Y
4	STD20 460-903054/6	20.0	6.374389	50.0	425931.0	0.318719	Y
5	STD50 460-903054/7	50.0	16.198652	50.0	432536.0	0.323973	Y
6	STD200 460-903054/8	200.0	64.749021	50.0	422984.0	0.323745	Y
7	STD500 460-903054/9	500.0	157.432166	50.0	400832.0	0.314864	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

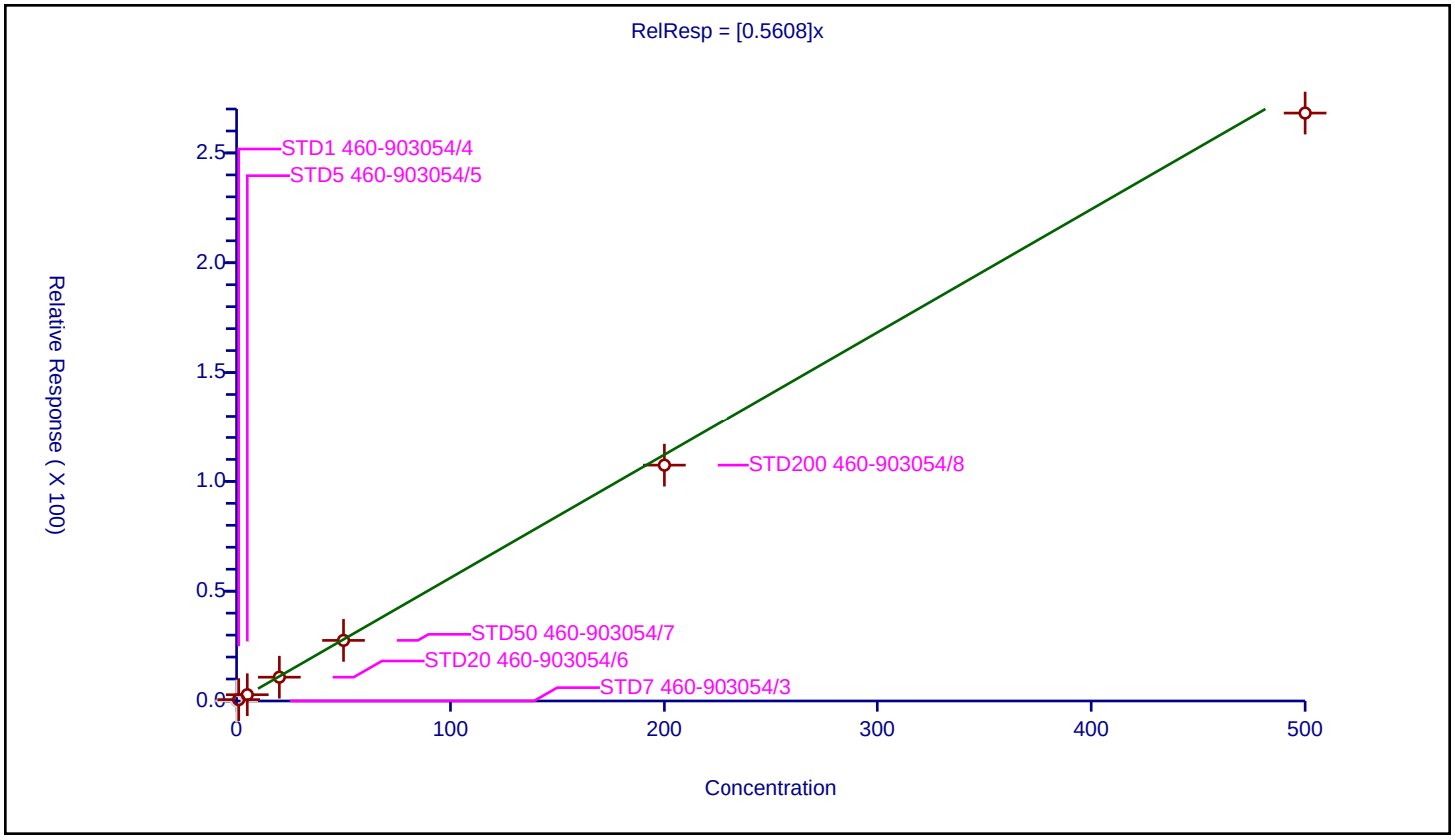
Curve Coefficients

Intercept:	0
Slope:	0.5608

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.626337	50.0	419183.0	0.626337	Y
3	STD5 460-903054/5	5.0	2.858904	50.0	422697.0	0.571781	Y
4	STD20 460-903054/6	20.0	10.834501	50.0	425931.0	0.541725	Y
5	STD50 460-903054/7	50.0	27.588917	50.0	432536.0	0.551778	Y
6	STD200 460-903054/8	200.0	107.388223	50.0	422984.0	0.536941	Y
7	STD500 460-903054/9	500.0	268.15374	50.0	400832.0	0.536307	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

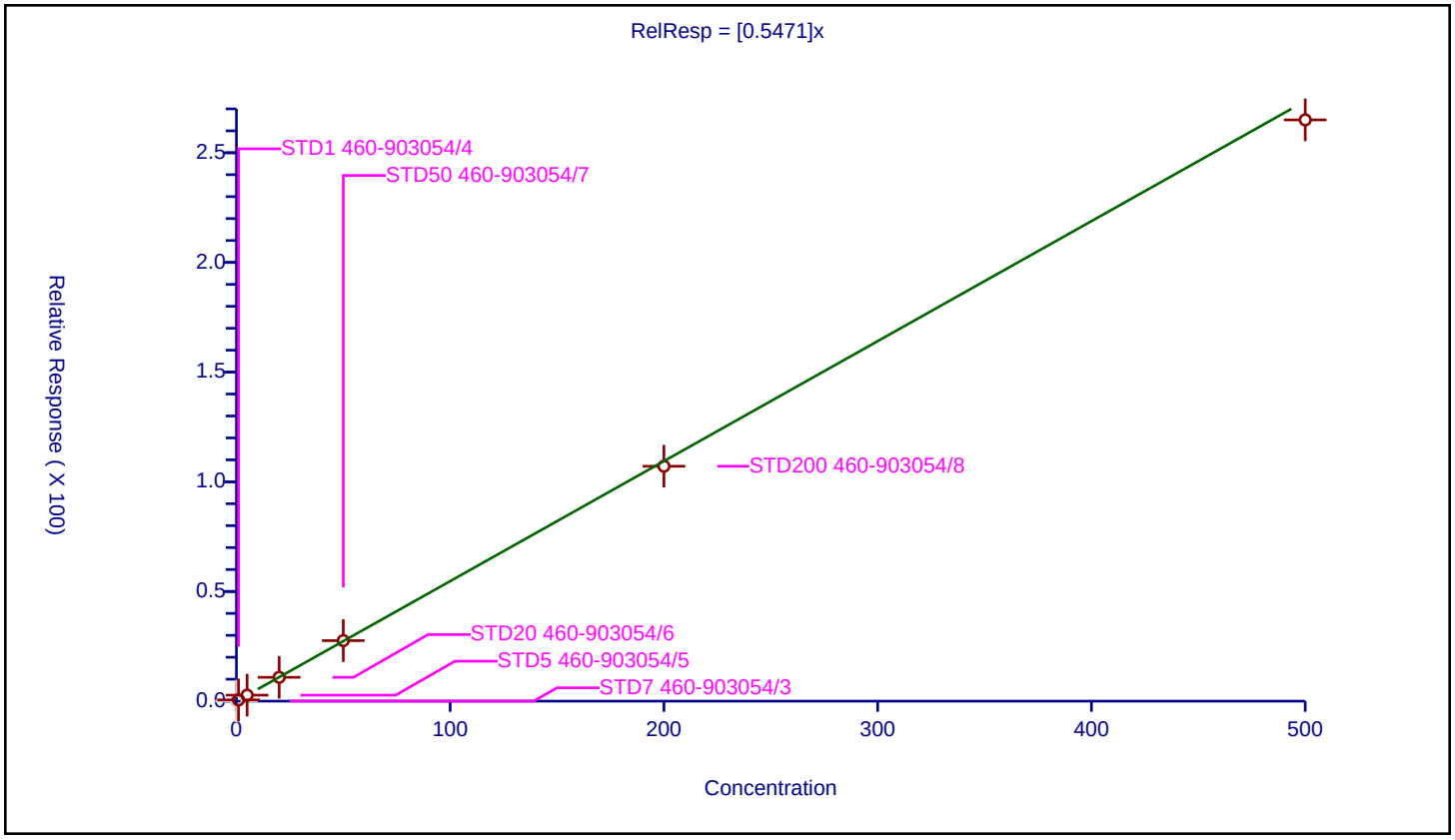
Curve Coefficients

Intercept:	0
Slope:	0.5471

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	3.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.57624	50.0	419183.0	0.57624	Y
3	STD5 460-903054/5	5.0	2.728314	50.0	422697.0	0.545663	Y
4	STD20 460-903054/6	20.0	10.863731	50.0	425931.0	0.543187	Y
5	STD50 460-903054/7	50.0	27.592501	50.0	432536.0	0.55185	Y
6	STD200 460-903054/8	200.0	107.101569	50.0	422984.0	0.535508	Y
7	STD500 460-903054/9	500.0	264.981588	50.0	400832.0	0.529963	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

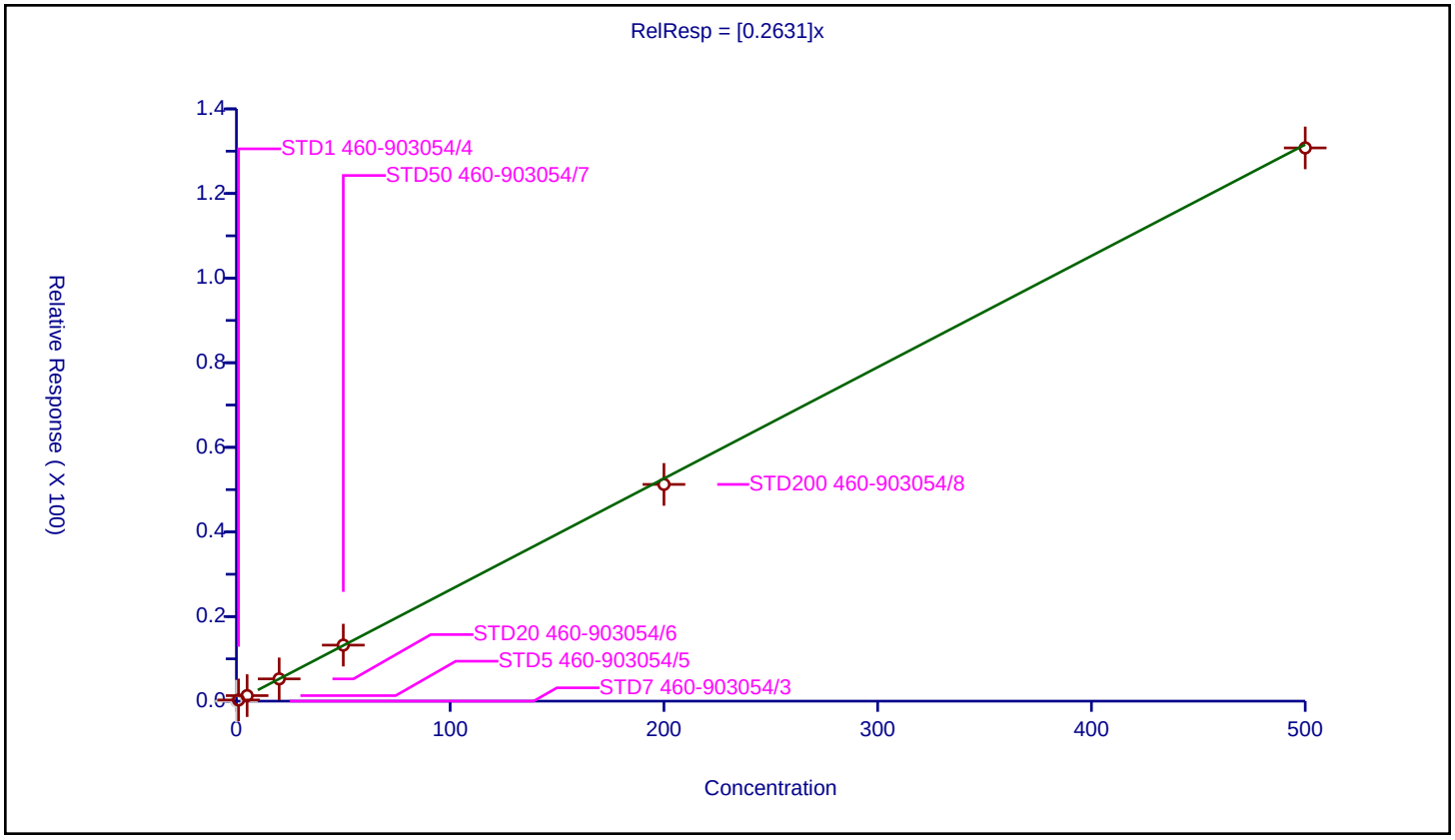
Curve Coefficients

Intercept:	0
Slope:	0.2631

Error Coefficients

Standard Error:	510000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.272196	50.0	419183.0	0.272196	Y
3	STD5 460-903054/5	5.0	1.304717	50.0	422697.0	0.260943	Y
4	STD20 460-903054/6	20.0	5.260242	50.0	425931.0	0.263012	Y
5	STD50 460-903054/7	50.0	13.243406	50.0	432536.0	0.264868	Y
6	STD200 460-903054/8	200.0	51.235153	50.0	422984.0	0.256176	Y
7	STD500 460-903054/9	500.0	130.776984	50.0	400832.0	0.261554	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

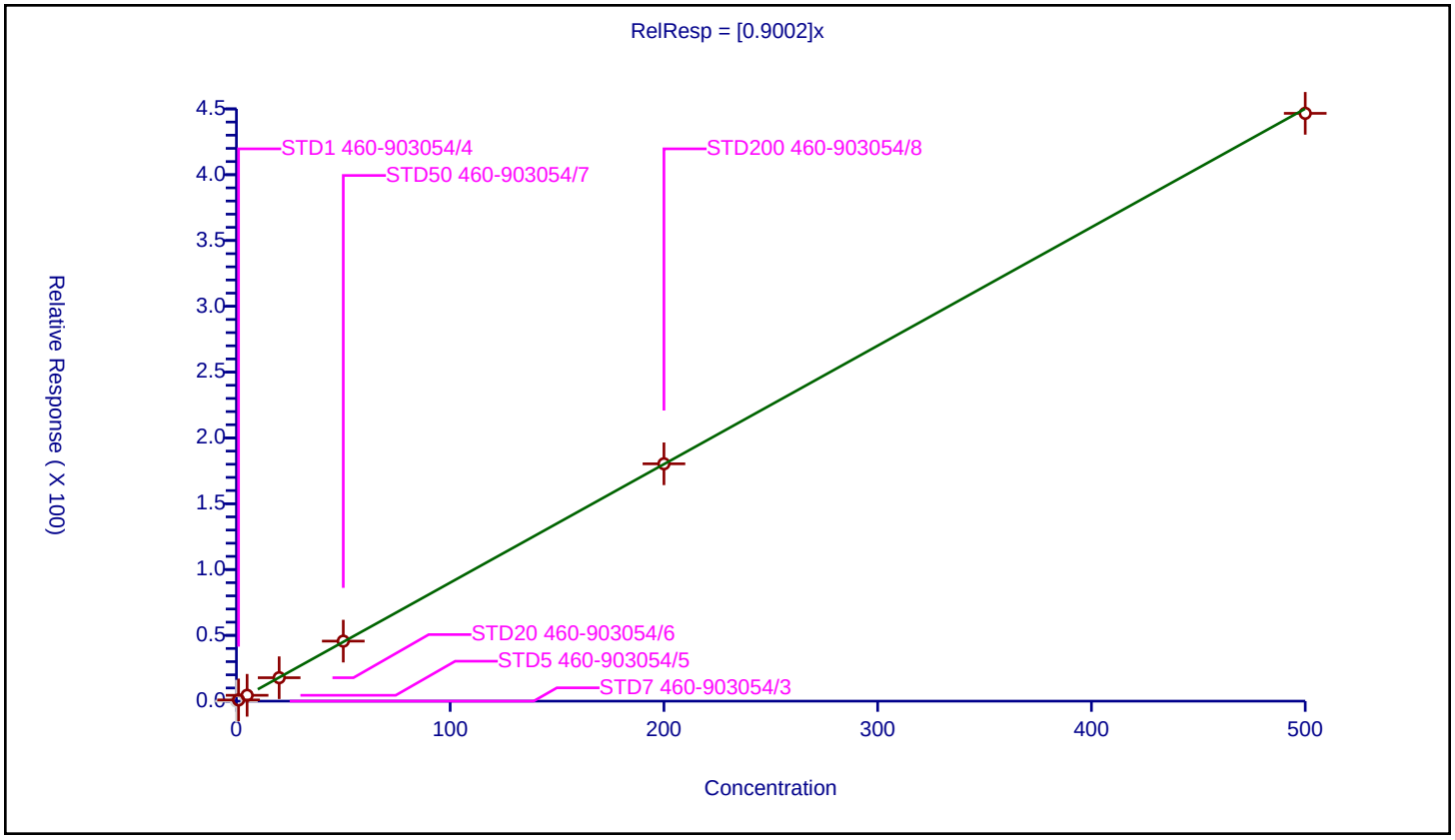
Curve Coefficients

Intercept:	0
Slope:	0.9002

Error Coefficients

Standard Error:	1750000
Relative Standard Error:	1.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.913801	50.0	419183.0	0.913801	Y
3	STD5 460-903054/5	5.0	4.452007	50.0	422697.0	0.890401	Y
4	STD20 460-903054/6	20.0	17.801357	50.0	425931.0	0.890068	Y
5	STD50 460-903054/7	50.0	45.606493	50.0	432536.0	0.91213	Y
6	STD200 460-903054/8	200.0	180.34571	50.0	422984.0	0.901729	Y
7	STD500 460-903054/9	500.0	446.614542	50.0	400832.0	0.893229	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

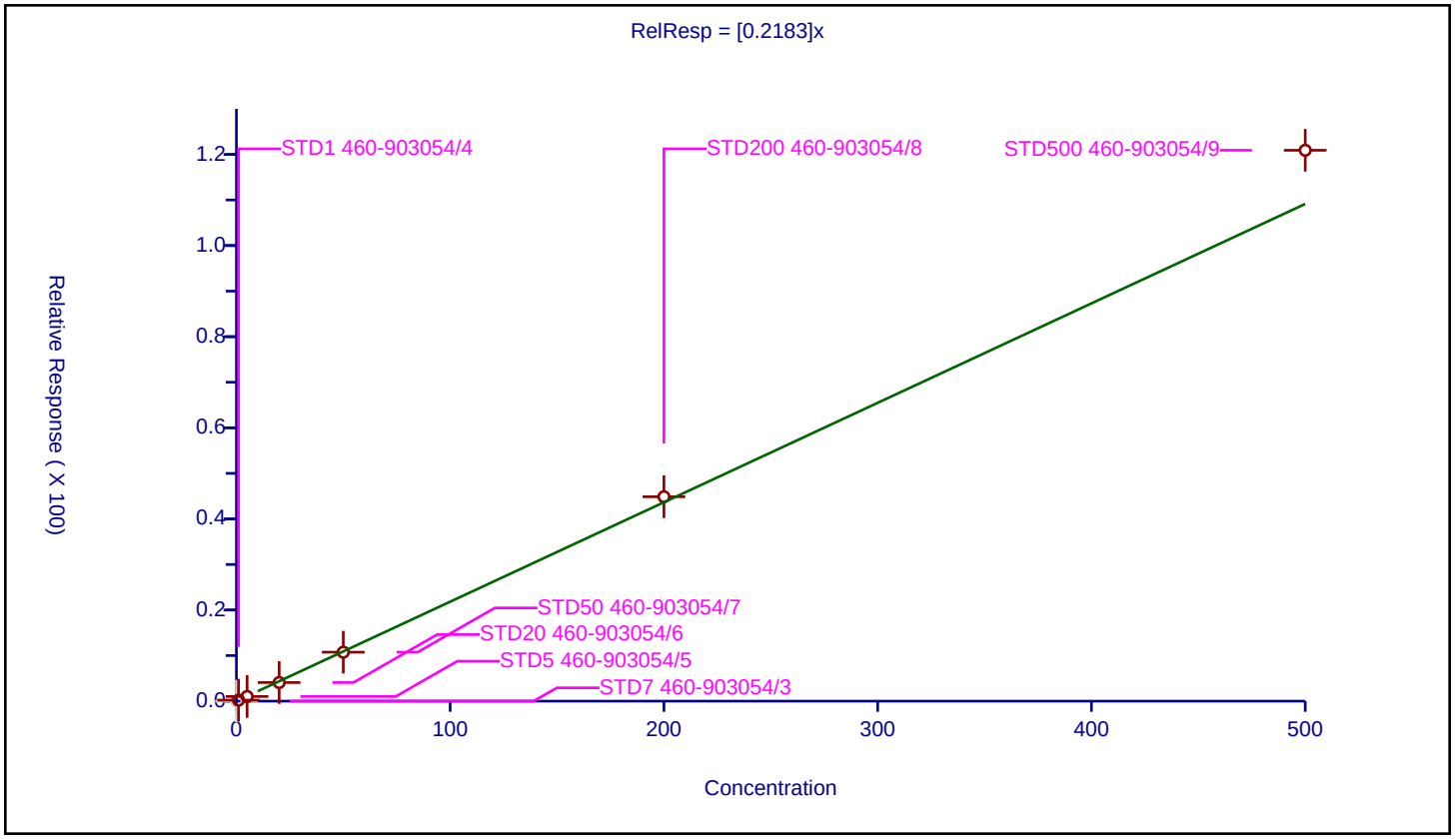
Curve Coefficients

Intercept:	0
Slope:	0.2183

Error Coefficients

Standard Error:	468000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	0.22019	50.0	419183.0	0.22019	Y
3	STD5 460-903054/5	5.0	1.020708	50.0	422697.0	0.204142	Y
4	STD20 460-903054/6	20.0	4.082938	50.0	425931.0	0.204147	Y
5	STD50 460-903054/7	50.0	10.747545	50.0	432536.0	0.214951	Y
6	STD200 460-903054/8	200.0	44.866	50.0	422984.0	0.22433	Y
7	STD500 460-903054/9	500.0	120.914872	50.0	400832.0	0.24183	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

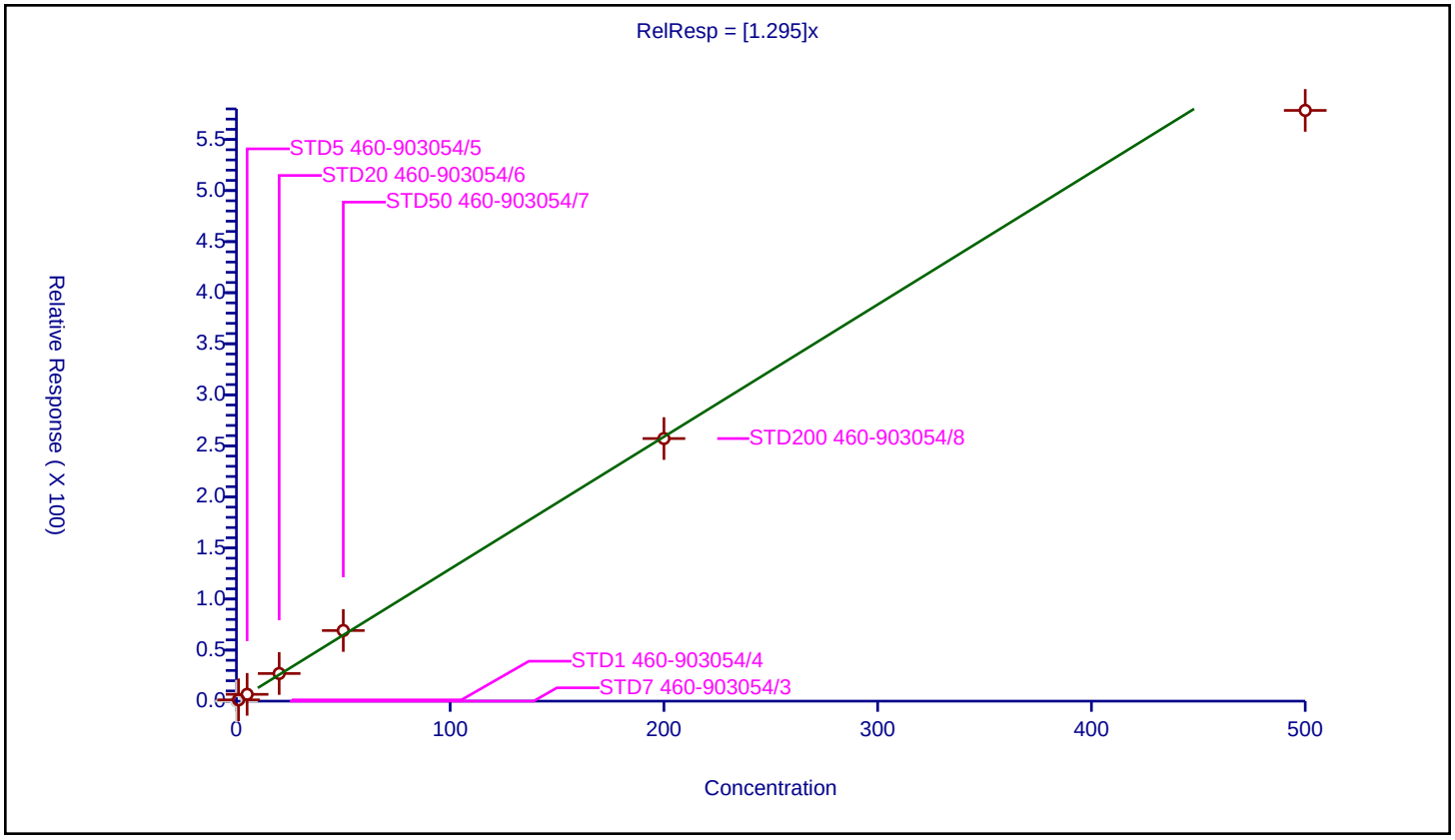
Curve Coefficients

Intercept:	0
Slope:	1.295

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.254244	50.0	199403.0	1.254244	Y
3	STD5 460-903054/5	5.0	6.669046	50.0	203125.0	1.333809	Y
4	STD20 460-903054/6	20.0	27.066112	50.0	203716.0	1.353306	Y
5	STD50 460-903054/7	50.0	69.163159	50.0	204794.0	1.383263	Y
6	STD200 460-903054/8	200.0	257.167109	50.0	206171.0	1.285836	Y
7	STD500 460-903054/9	500.0	578.513737	50.0	224469.0	1.157027	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

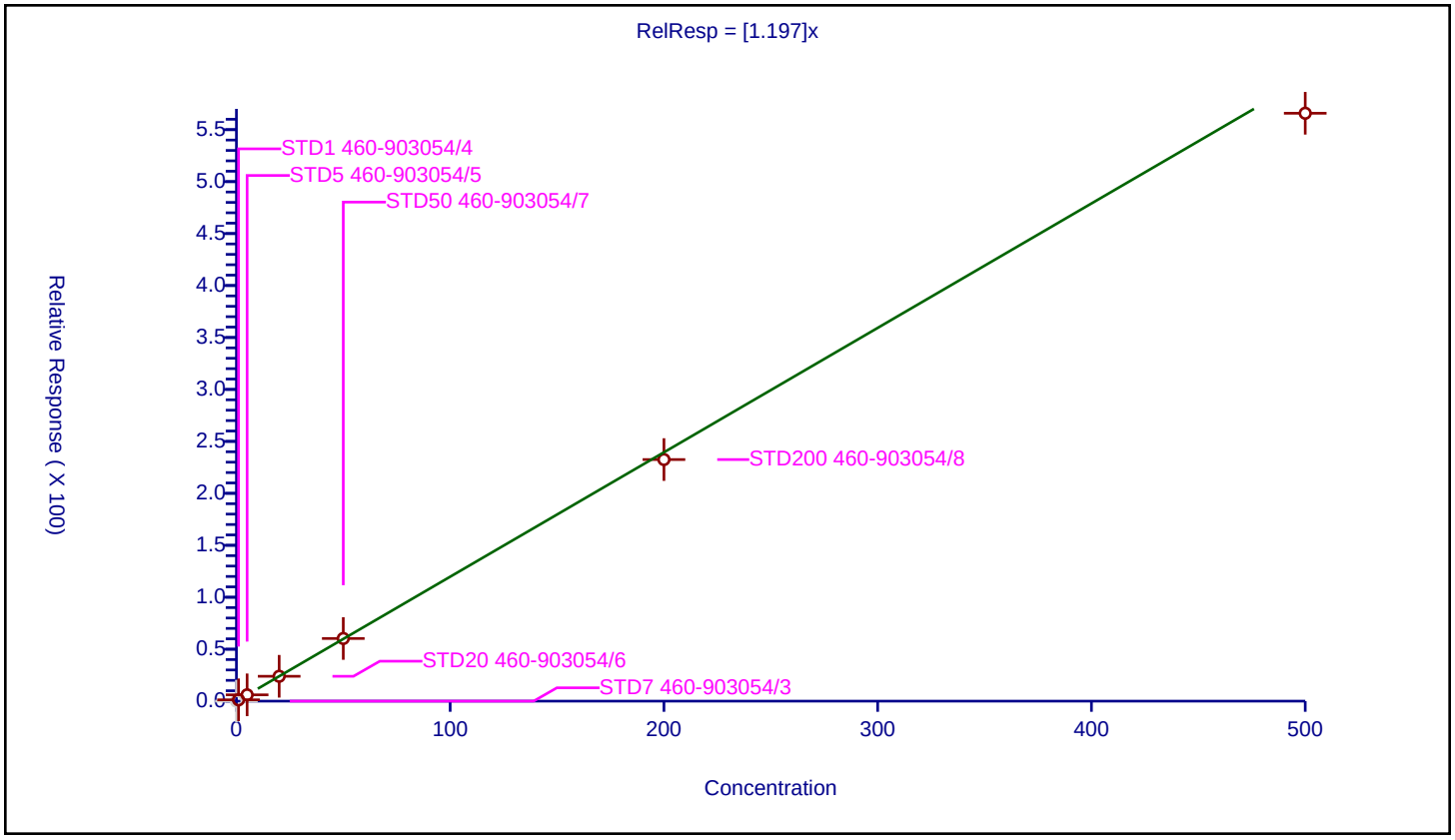
Curve Coefficients

Intercept:	0
Slope:	1.197

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	4.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	410687.0	NaN	N
2	STD1 460-903054/4	1.0	1.274622	50.0	419183.0	1.274622	Y
3	STD5 460-903054/5	5.0	6.062972	50.0	422697.0	1.212594	Y
4	STD20 460-903054/6	20.0	23.939793	50.0	425931.0	1.19699	Y
5	STD50 460-903054/7	50.0	60.306657	50.0	432536.0	1.206133	Y
6	STD200 460-903054/8	200.0	232.518251	50.0	422984.0	1.162591	Y
7	STD500 460-903054/9	500.0	565.799637	50.0	400832.0	1.131599	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

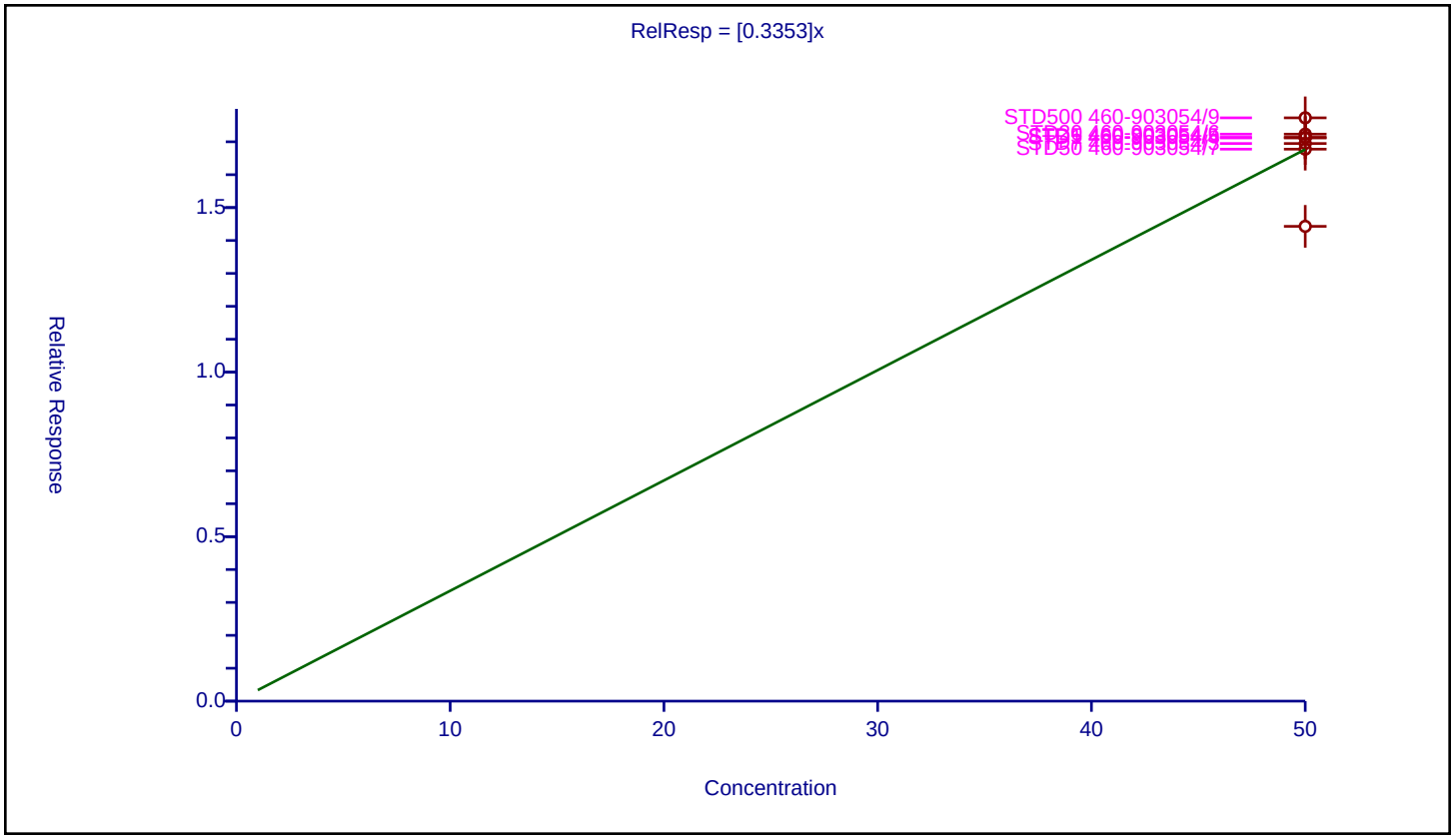
Curve Coefficients

Intercept:	0
Slope:	0.3353

Error Coefficients

Standard Error:	152000
Relative Standard Error:	6.4
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	50.0	16.9477	50.0	410687.0	0.338954	Y
2	STD1 460-903054/4	50.0	17.117226	50.0	419183.0	0.342345	Y
3	STD5 460-903054/5	50.0	17.136625	50.0	422697.0	0.342733	Y
4	STD20 460-903054/6	50.0	17.232956	50.0	425931.0	0.344659	Y
5	STD50 460-903054/7	50.0	16.776291	50.0	432536.0	0.335526	Y
6	STD200 460-903054/8	50.0	14.42986	50.0	422984.0	0.288597	Y
7	STD500 460-903054/9	50.0	17.72825	50.0	400832.0	0.354565	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

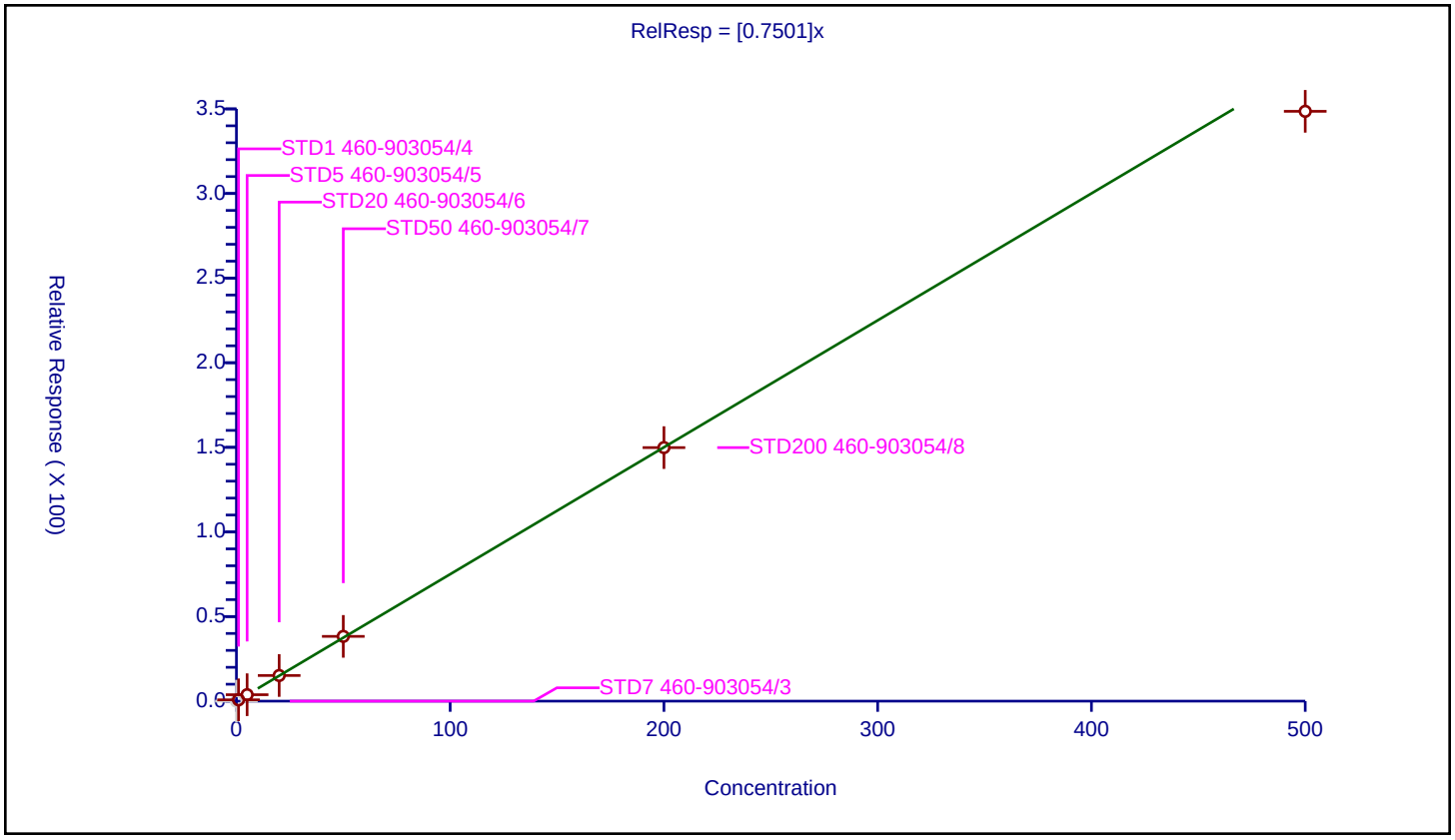
Curve Coefficients

Intercept:	0
Slope:	0.7501

Error Coefficients

Standard Error:	756000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.772807	50.0	199403.0	0.772807	Y
3	STD5 460-903054/5	5.0	3.794462	50.0	203125.0	0.758892	Y
4	STD20 460-903054/6	20.0	15.142159	50.0	203716.0	0.757108	Y
5	STD50 460-903054/7	50.0	38.276268	50.0	204794.0	0.765525	Y
6	STD200 460-903054/8	200.0	149.833633	50.0	206171.0	0.749168	Y
7	STD500 460-903054/9	500.0	348.56929	50.0	224469.0	0.697139	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

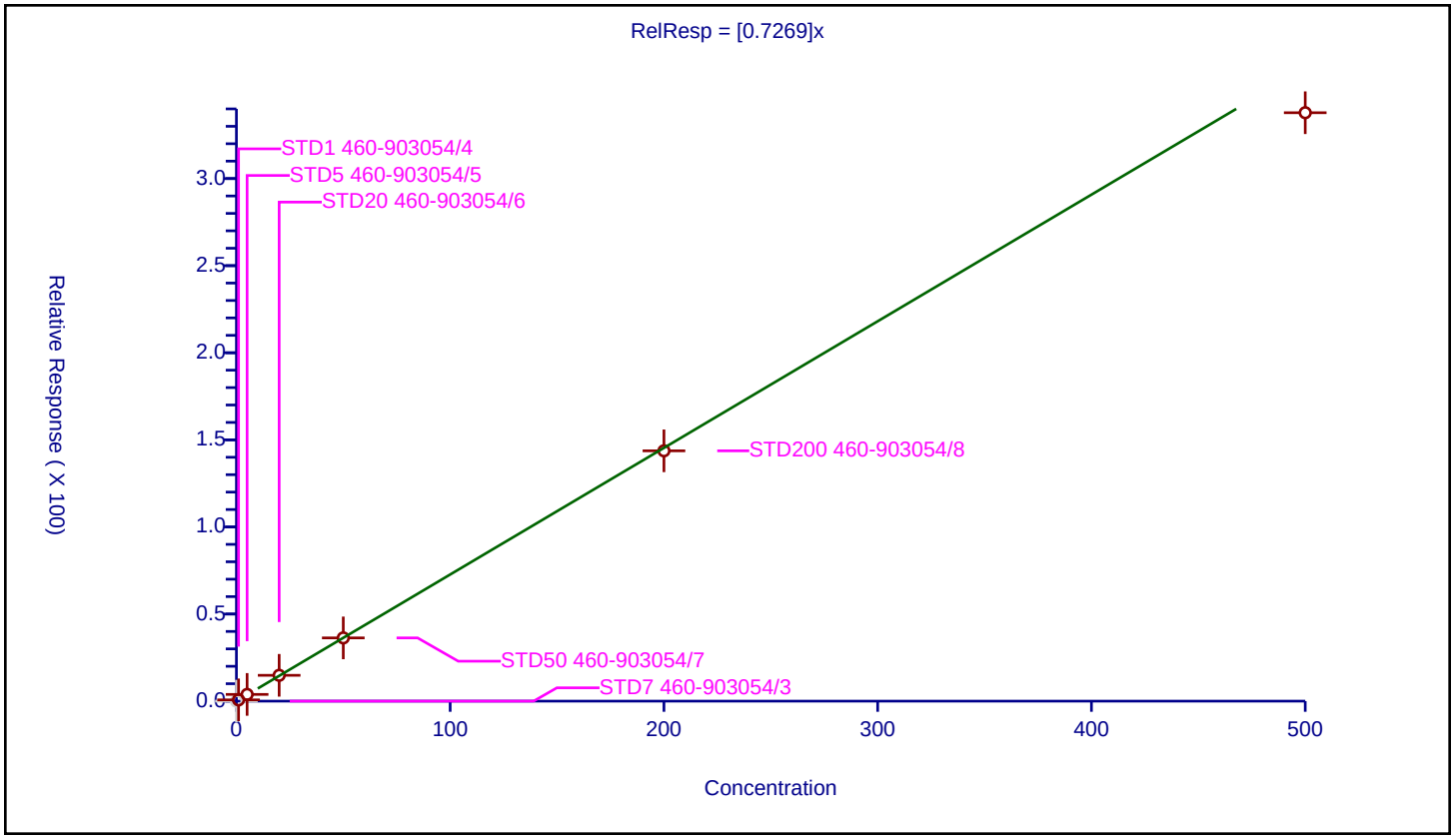
Curve Coefficients

Intercept:	0
Slope:	0.7269

Error Coefficients

Standard Error:	732000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.727923	50.0	199403.0	0.727923	Y
3	STD5 460-903054/5	5.0	3.861662	50.0	203125.0	0.772332	Y
4	STD20 460-903054/6	20.0	14.816706	50.0	203716.0	0.740835	Y
5	STD50 460-903054/7	50.0	36.314052	50.0	204794.0	0.726281	Y
6	STD200 460-903054/8	200.0	143.709591	50.0	206171.0	0.718548	Y
7	STD500 460-903054/9	500.0	337.799652	50.0	224469.0	0.675599	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

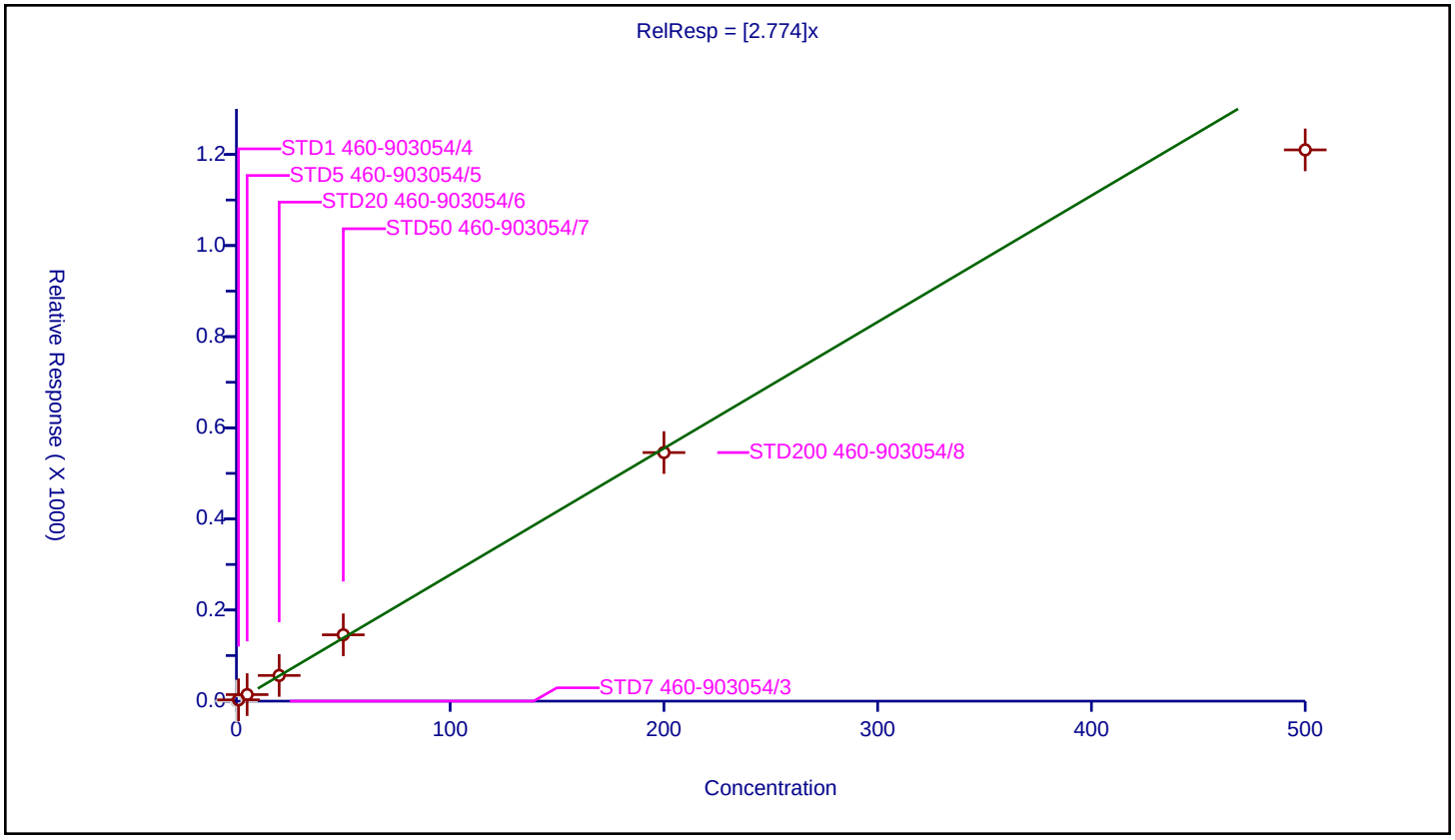
Curve Coefficients

Intercept:	0
Slope:	2.774

Error Coefficients

Standard Error:	2640000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.899906	50.0	199403.0	2.899906	Y
3	STD5 460-903054/5	5.0	14.327385	50.0	203125.0	2.865477	Y
4	STD20 460-903054/6	20.0	56.391496	50.0	203716.0	2.819575	Y
5	STD50 460-903054/7	50.0	145.59826	50.0	204794.0	2.911965	Y
6	STD200 460-903054/8	200.0	545.672039	50.0	206171.0	2.72836	Y
7	STD500 460-903054/9	500.0	1210.022542	50.0	224469.0	2.420045	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

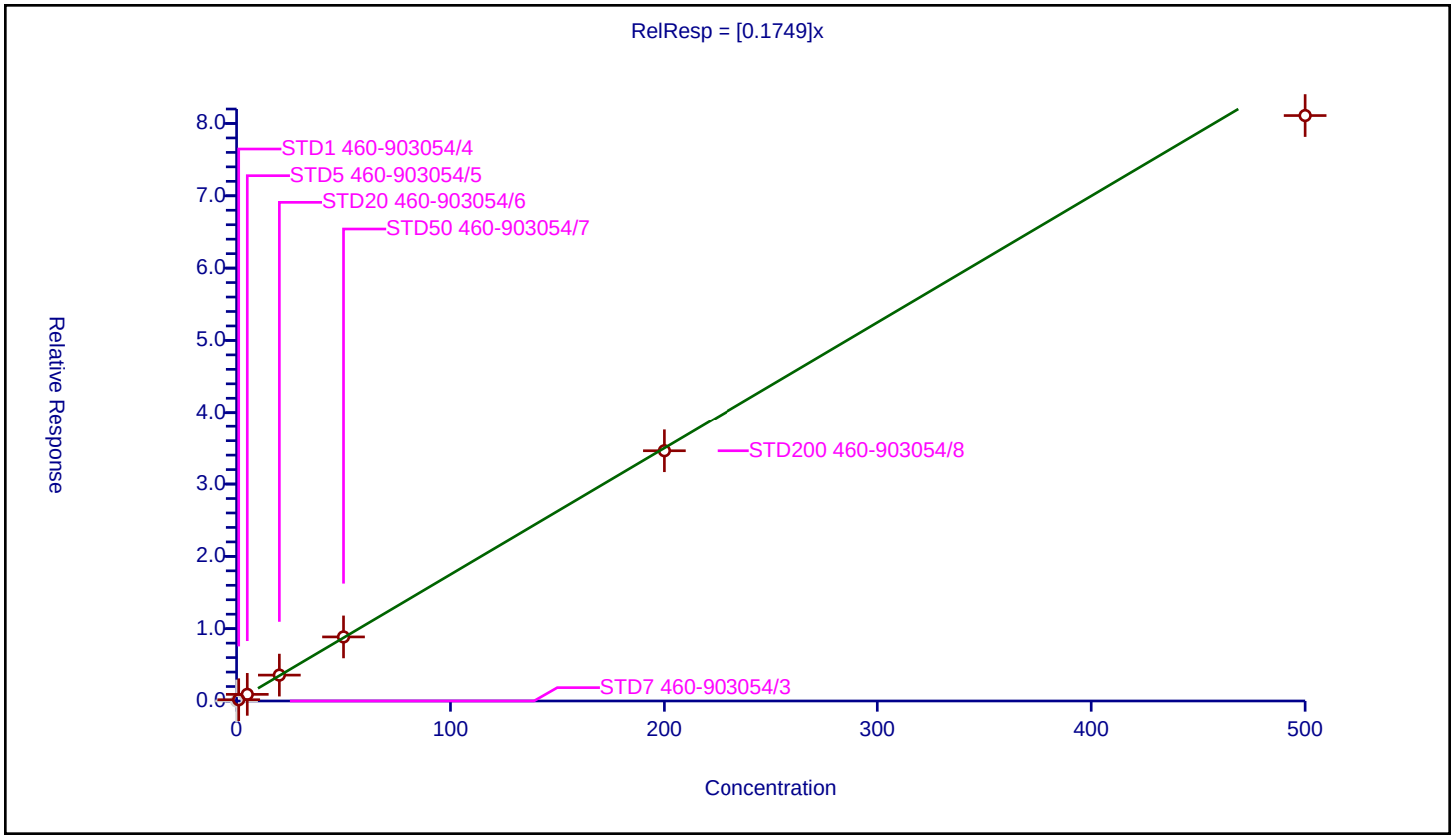
Curve Coefficients

Intercept:	0
Slope:	0.1749

Error Coefficients

Standard Error:	176000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.175273	50.0	199403.0	0.175273	Y
3	STD5 460-903054/5	5.0	0.9152	50.0	203125.0	0.18304	Y
4	STD20 460-903054/6	20.0	3.577039	50.0	203716.0	0.178852	Y
5	STD50 460-903054/7	50.0	8.859635	50.0	204794.0	0.177193	Y
6	STD200 460-903054/8	200.0	34.605012	50.0	206171.0	0.173025	Y
7	STD500 460-903054/9	500.0	81.096944	50.0	224469.0	0.162194	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

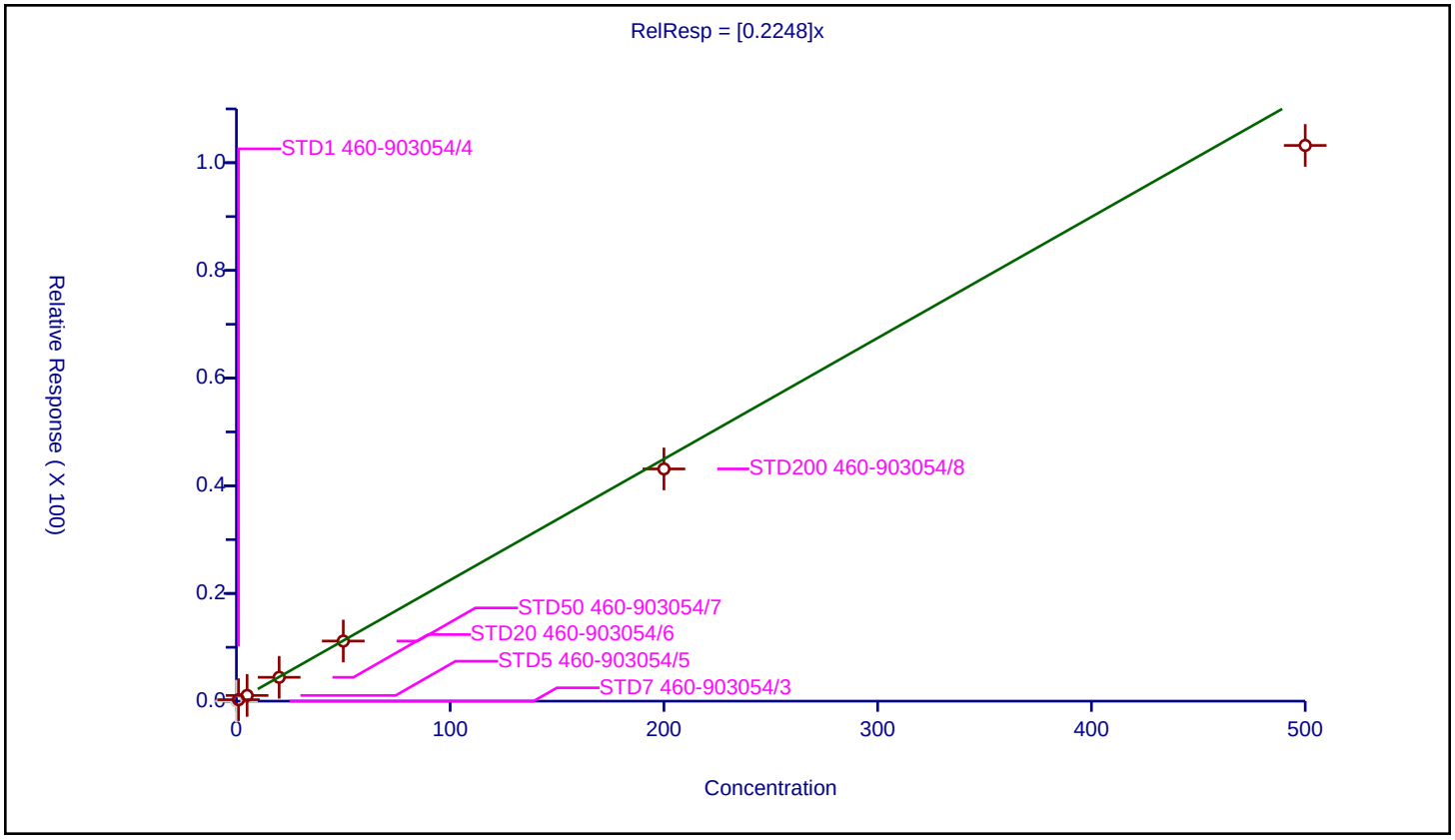
Curve Coefficients

Intercept:	0
Slope:	0.2248

Error Coefficients

Standard Error:	223000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.271059	50.0	199403.0	0.271059	Y
3	STD5 460-903054/5	5.0	1.056985	50.0	203125.0	0.211397	Y
4	STD20 460-903054/6	20.0	4.426506	50.0	203716.0	0.221325	Y
5	STD50 460-903054/7	50.0	11.159995	50.0	204794.0	0.2232	Y
6	STD200 460-903054/8	200.0	43.129247	50.0	206171.0	0.215646	Y
7	STD500 460-903054/9	500.0	103.211134	50.0	224469.0	0.206422	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

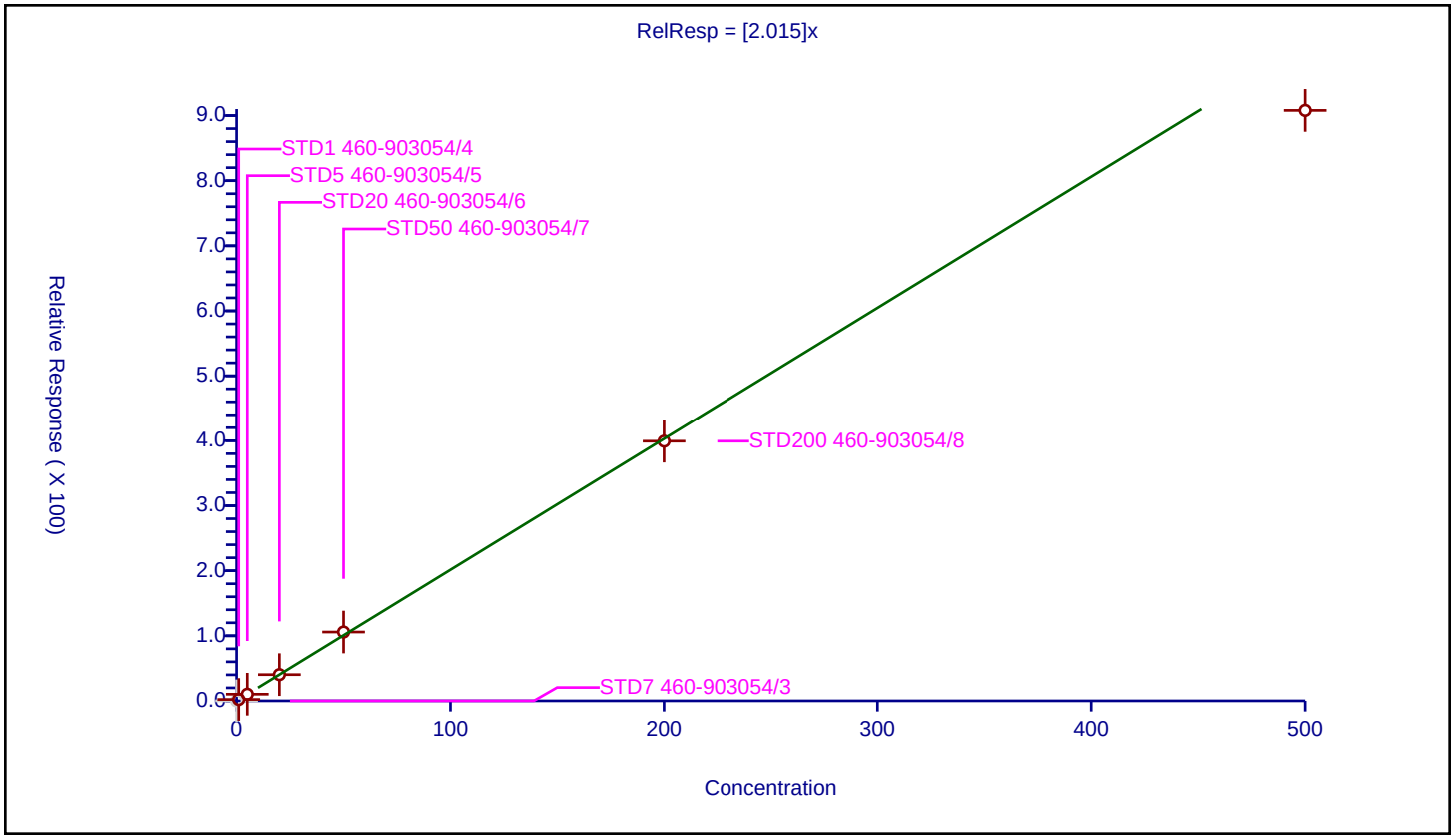
Curve Coefficients

Intercept:	0
Slope:	2.015

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.10704	50.0	199403.0	2.10704	Y
3	STD5 460-903054/5	5.0	10.202585	50.0	203125.0	2.040517	Y
4	STD20 460-903054/6	20.0	40.30464	50.0	203716.0	2.015232	Y
5	STD50 460-903054/7	50.0	105.794603	50.0	204794.0	2.115892	Y
6	STD200 460-903054/8	200.0	399.32556	50.0	206171.0	1.996628	Y
7	STD500 460-903054/9	500.0	907.926039	50.0	224469.0	1.815852	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

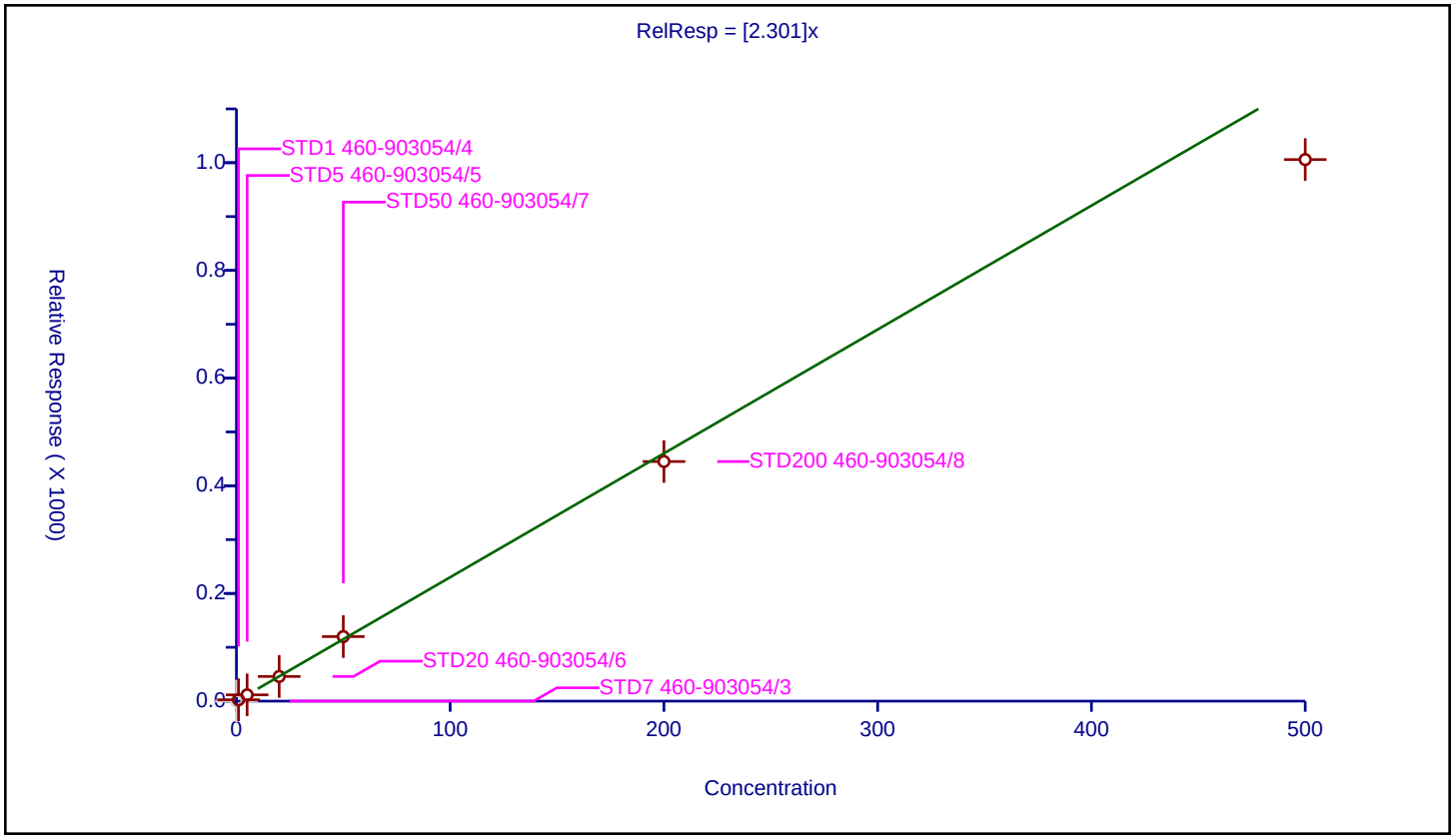
Curve Coefficients

Intercept:	0
Slope:	2.301

Error Coefficients

Standard Error:	2190000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.553873	50.0	199403.0	2.553873	Y
3	STD5 460-903054/5	5.0	11.629292	50.0	203125.0	2.325858	Y
4	STD20 460-903054/6	20.0	45.810589	50.0	203716.0	2.290529	Y
5	STD50 460-903054/7	50.0	119.908786	50.0	204794.0	2.398176	Y
6	STD200 460-903054/8	200.0	445.04974	50.0	206171.0	2.225249	Y
7	STD500 460-903054/9	500.0	1005.839782	50.0	224469.0	2.01168	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

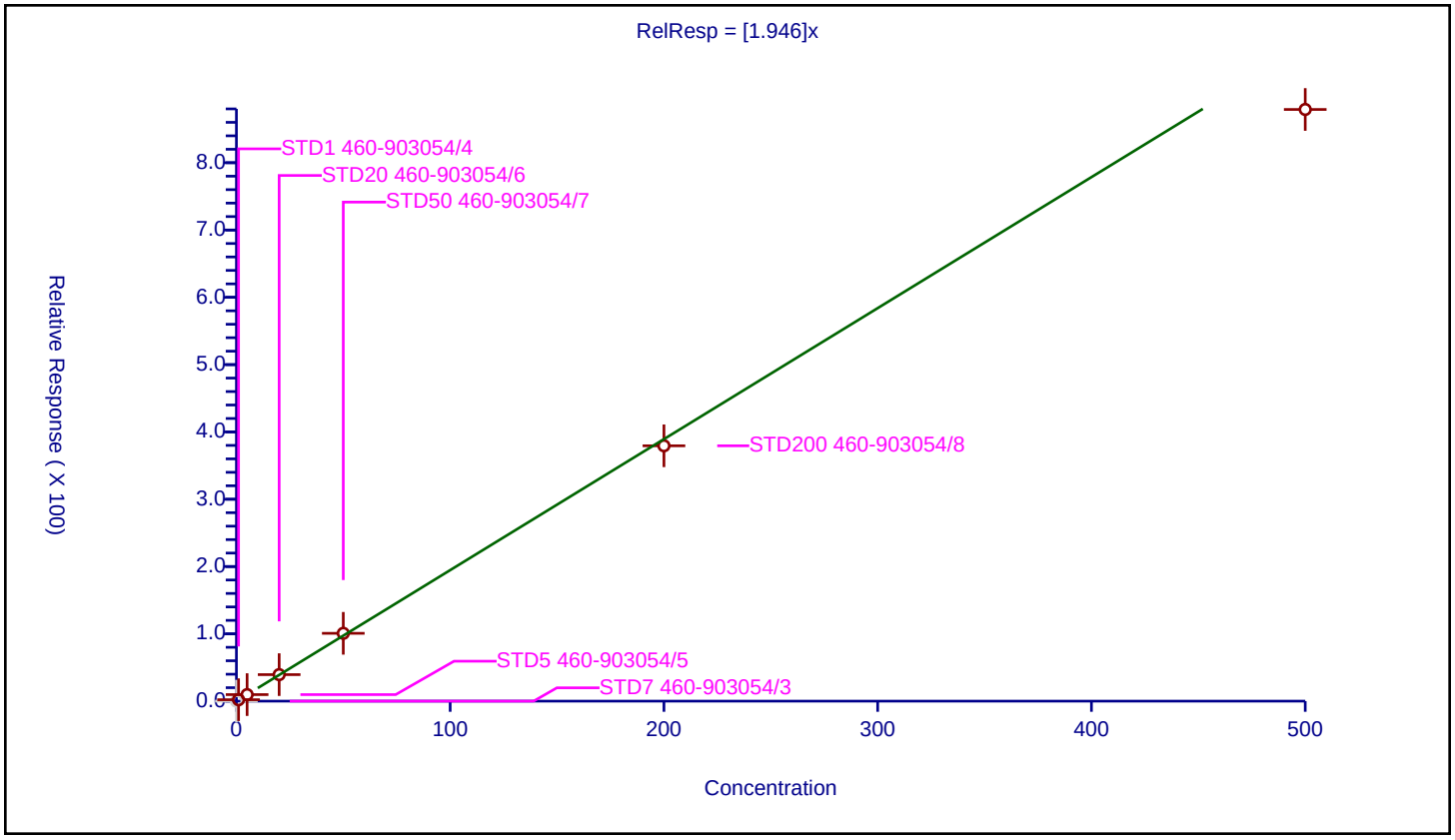
Curve Coefficients

Intercept:	0
Slope:	1.946

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.098263	50.0	199403.0	2.098263	Y
3	STD5 460-903054/5	5.0	9.698215	50.0	203125.0	1.939643	Y
4	STD20 460-903054/6	20.0	39.406576	50.0	203716.0	1.970329	Y
5	STD50 460-903054/7	50.0	100.766868	50.0	204794.0	2.015337	Y
6	STD200 460-903054/8	200.0	379.425574	50.0	206171.0	1.897128	Y
7	STD500 460-903054/9	500.0	879.110479	50.0	224469.0	1.758221	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

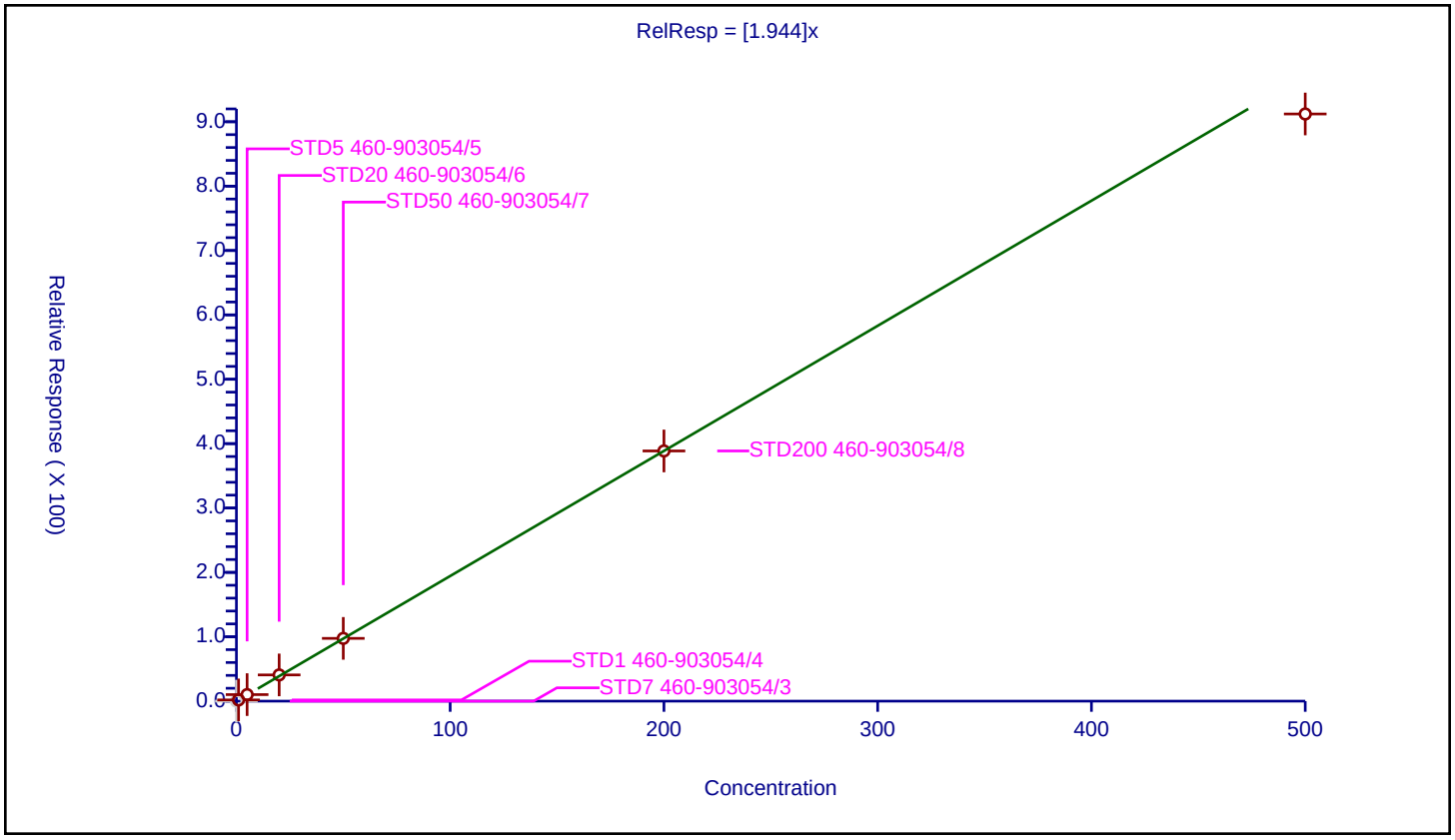
Curve Coefficients

Intercept:	0
Slope:	1.944

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.873593	50.0	199403.0	1.873593	Y
3	STD5 460-903054/5	5.0	10.167138	50.0	203125.0	2.033428	Y
4	STD20 460-903054/6	20.0	40.731459	50.0	203716.0	2.036573	Y
5	STD50 460-903054/7	50.0	97.503833	50.0	204794.0	1.950077	Y
6	STD200 460-903054/8	200.0	388.631767	50.0	206171.0	1.943159	Y
7	STD500 460-903054/9	500.0	912.101226	50.0	224469.0	1.824202	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

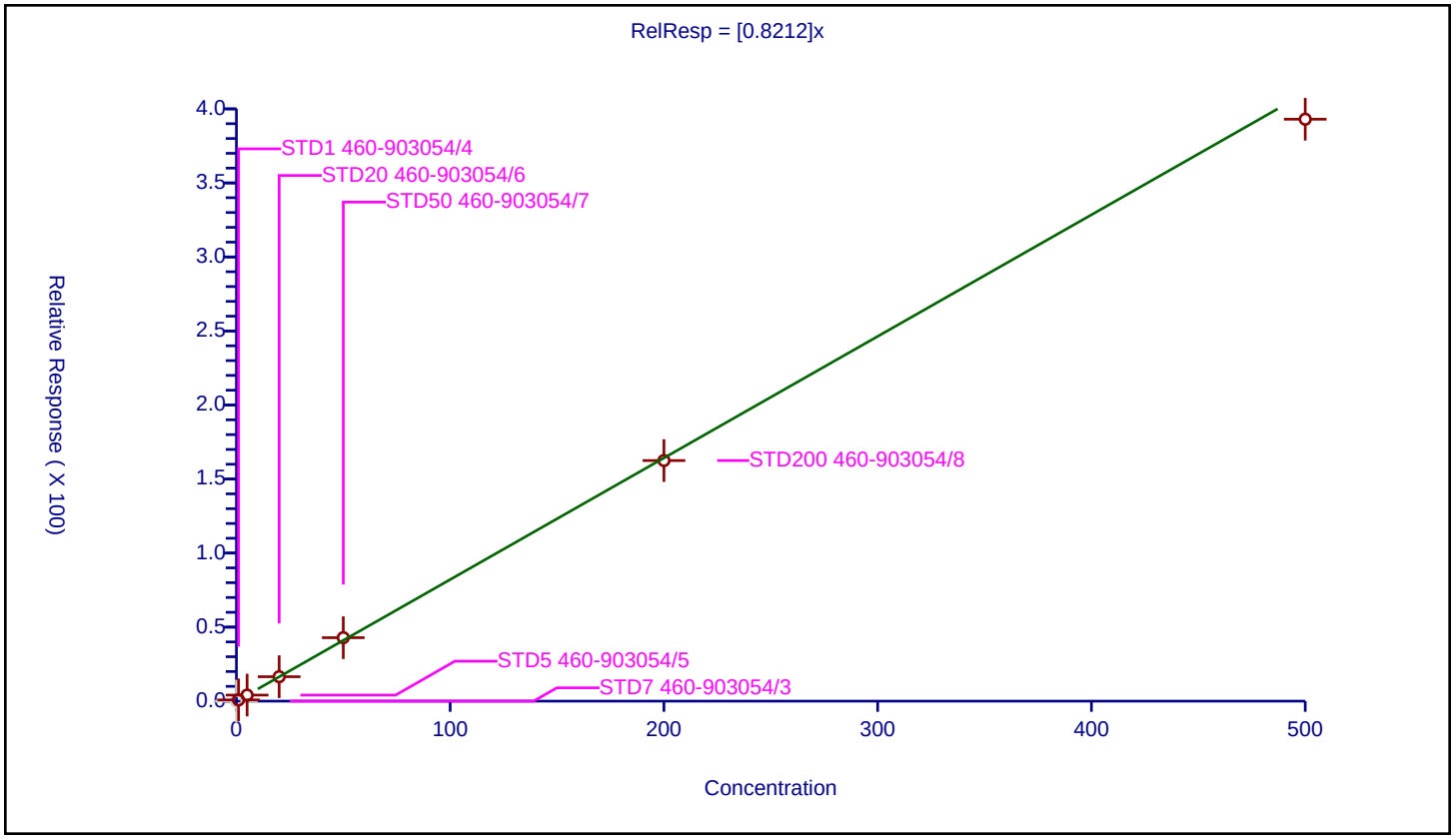
Curve Coefficients

Intercept:	0
Slope:	0.8212

Error Coefficients

Standard Error:	848000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.828473	50.0	199403.0	0.828473	Y
3	STD5 460-903054/5	5.0	4.087631	50.0	203125.0	0.817526	Y
4	STD20 460-903054/6	20.0	16.509258	50.0	203716.0	0.825463	Y
5	STD50 460-903054/7	50.0	42.858922	50.0	204794.0	0.857178	Y
6	STD200 460-903054/8	200.0	162.506124	50.0	206171.0	0.812531	Y
7	STD500 460-903054/9	500.0	393.015294	50.0	224469.0	0.786031	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

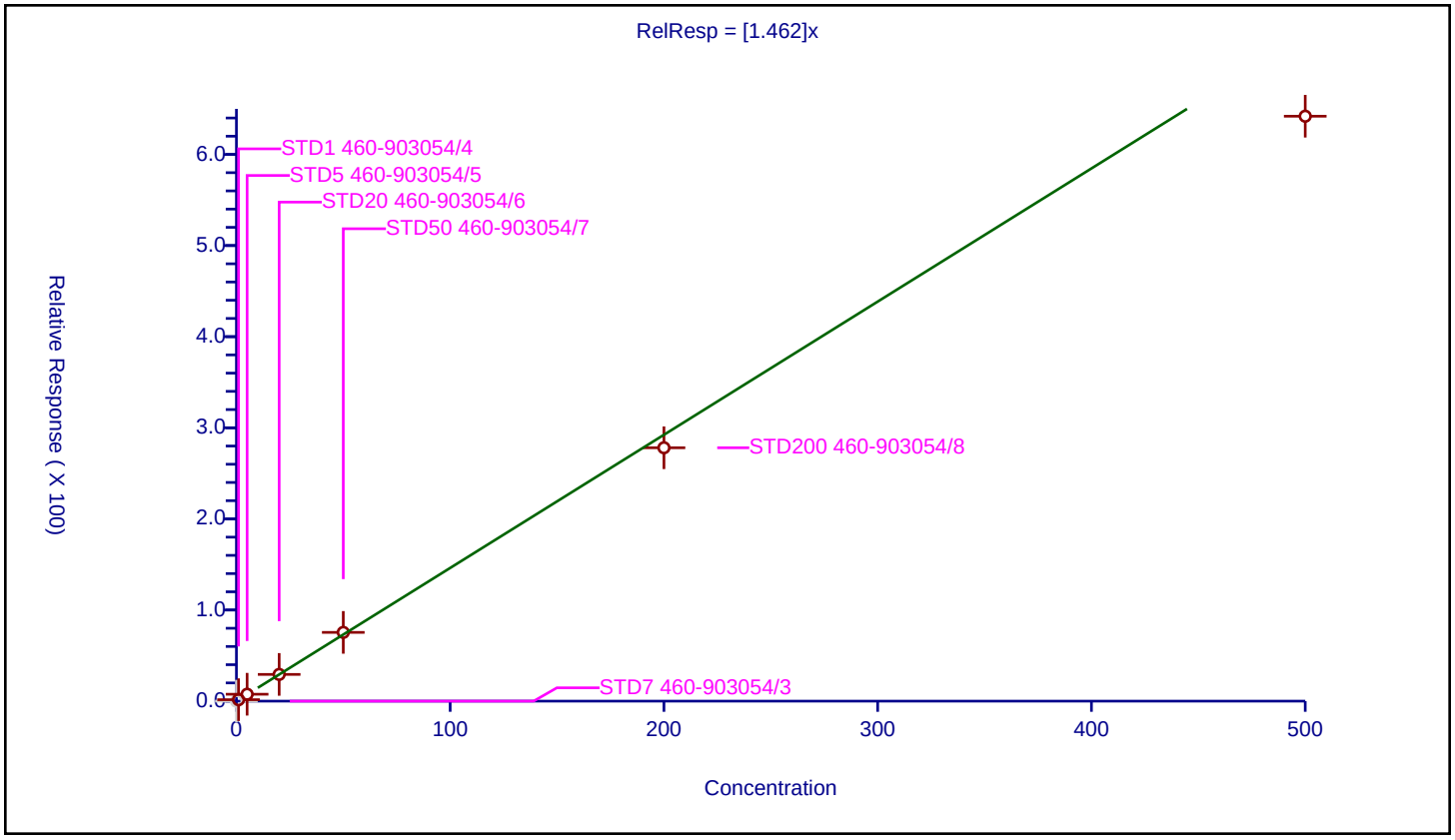
Curve Coefficients

Intercept:	0
Slope:	1.462

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.602784	50.0	199403.0	1.602784	Y
3	STD5 460-903054/5	5.0	7.584	50.0	203125.0	1.5168	Y
4	STD20 460-903054/6	20.0	29.332748	50.0	203716.0	1.466637	Y
5	STD50 460-903054/7	50.0	75.45558	50.0	204794.0	1.509112	Y
6	STD200 460-903054/8	200.0	278.097308	50.0	206171.0	1.390487	Y
7	STD500 460-903054/9	500.0	641.961028	50.0	224469.0	1.283922	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

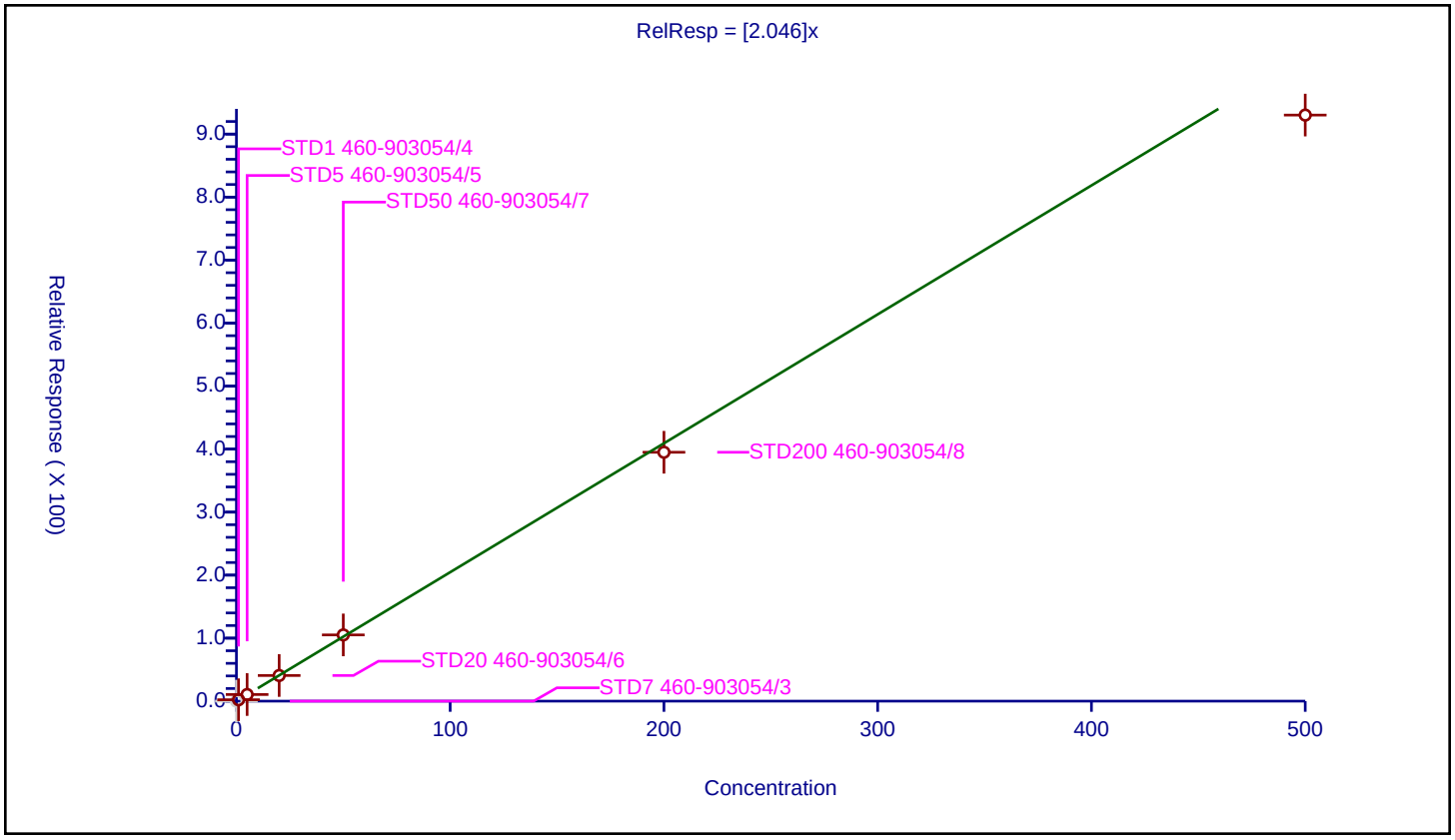
Curve Coefficients

Intercept:	0
Slope:	2.046

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.20433	50.0	199403.0	2.20433	Y
3	STD5 460-903054/5	5.0	10.500185	50.0	203125.0	2.100037	Y
4	STD20 460-903054/6	20.0	40.702498	50.0	203716.0	2.035125	Y
5	STD50 460-903054/7	50.0	105.093655	50.0	204794.0	2.101873	Y
6	STD200 460-903054/8	200.0	395.033734	50.0	206171.0	1.975169	Y
7	STD500 460-903054/9	500.0	930.173209	50.0	224469.0	1.860346	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

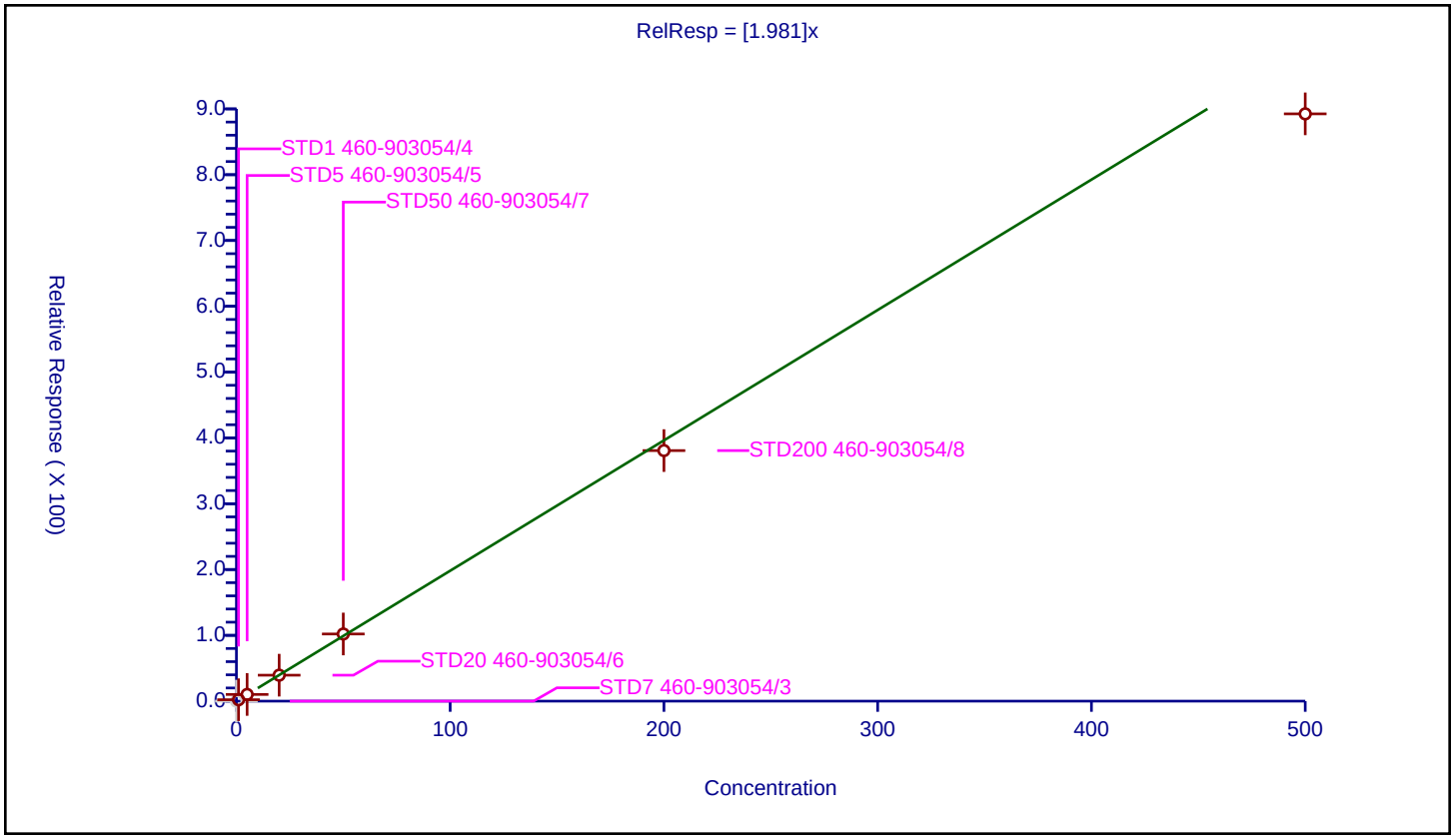
Curve Coefficients

Intercept:	0
Slope:	1.981

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.145153	50.0	199403.0	2.145153	Y
3	STD5 460-903054/5	5.0	10.197908	50.0	203125.0	2.039582	Y
4	STD20 460-903054/6	20.0	39.458854	50.0	203716.0	1.972943	Y
5	STD50 460-903054/7	50.0	102.044738	50.0	204794.0	2.040895	Y
6	STD200 460-903054/8	200.0	380.739289	50.0	206171.0	1.903696	Y
7	STD500 460-903054/9	500.0	892.486713	50.0	224469.0	1.784973	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

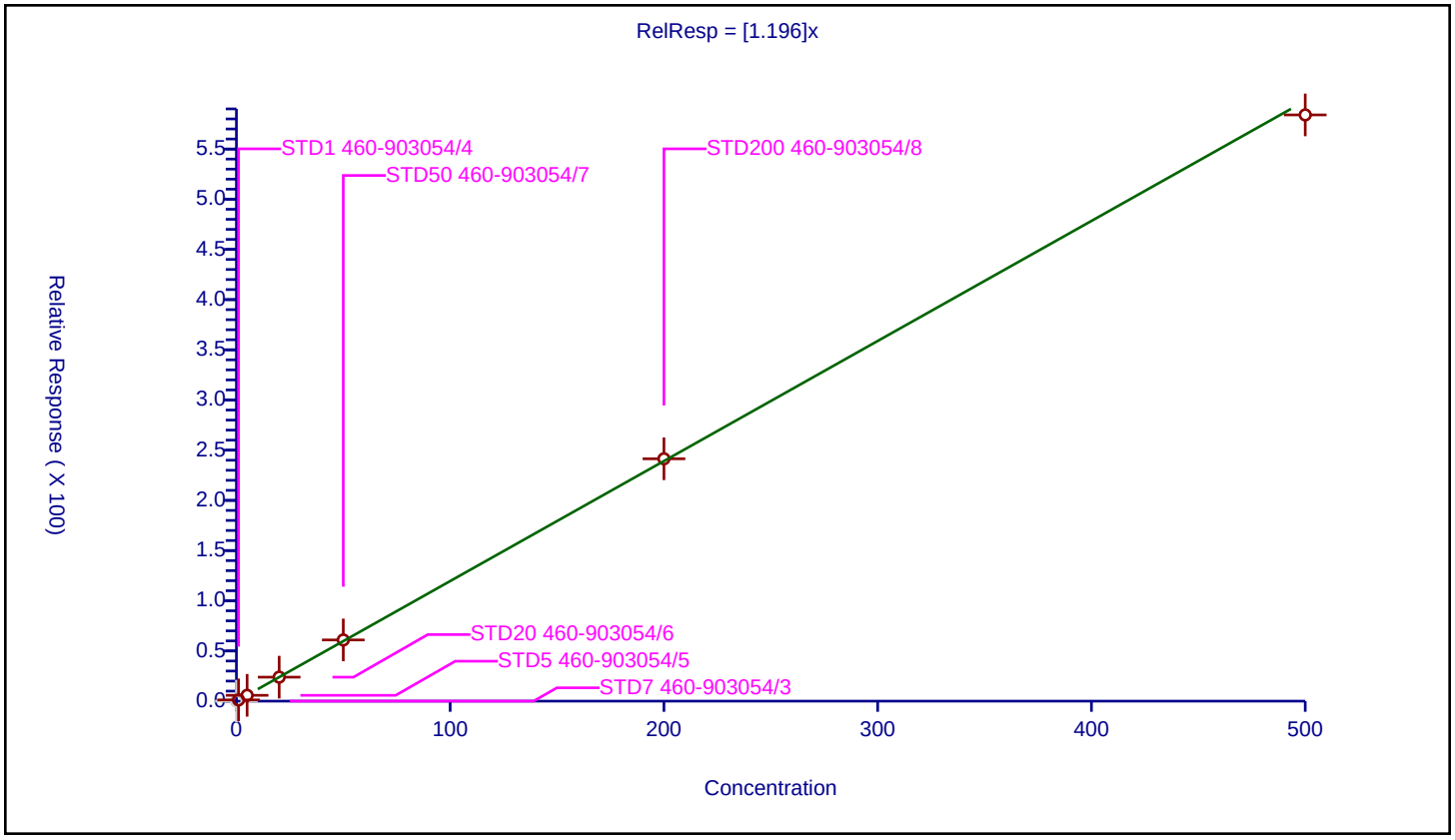
Curve Coefficients

Intercept:	0
Slope:	1.196

Error Coefficients

Standard Error:	1260000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.229671	50.0	199403.0	1.229671	Y
3	STD5 460-903054/5	5.0	5.787323	50.0	203125.0	1.157465	Y
4	STD20 460-903054/6	20.0	23.886685	50.0	203716.0	1.194334	Y
5	STD50 460-903054/7	50.0	60.957352	50.0	204794.0	1.219147	Y
6	STD200 460-903054/8	200.0	241.434052	50.0	206171.0	1.20717	Y
7	STD500 460-903054/9	500.0	584.011601	50.0	224469.0	1.168023	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

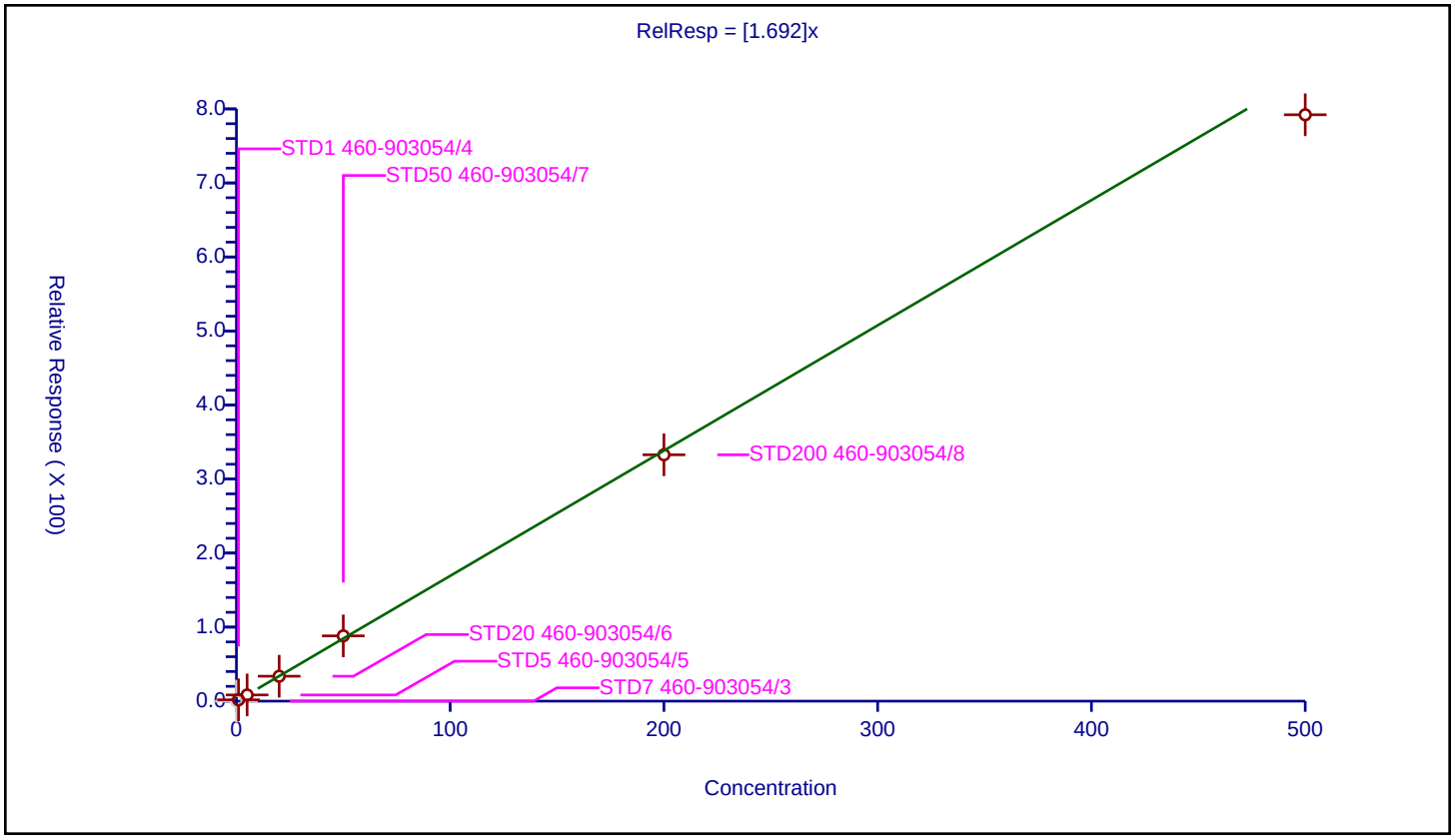
Curve Coefficients

Intercept:	0
Slope:	1.692

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.782571	50.0	199403.0	1.782571	Y
3	STD5 460-903054/5	5.0	8.368492	50.0	203125.0	1.673698	Y
4	STD20 460-903054/6	20.0	33.670649	50.0	203716.0	1.683532	Y
5	STD50 460-903054/7	50.0	88.178853	50.0	204794.0	1.763577	Y
6	STD200 460-903054/8	200.0	332.762367	50.0	206171.0	1.663812	Y
7	STD500 460-903054/9	500.0	792.079307	50.0	224469.0	1.584159	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

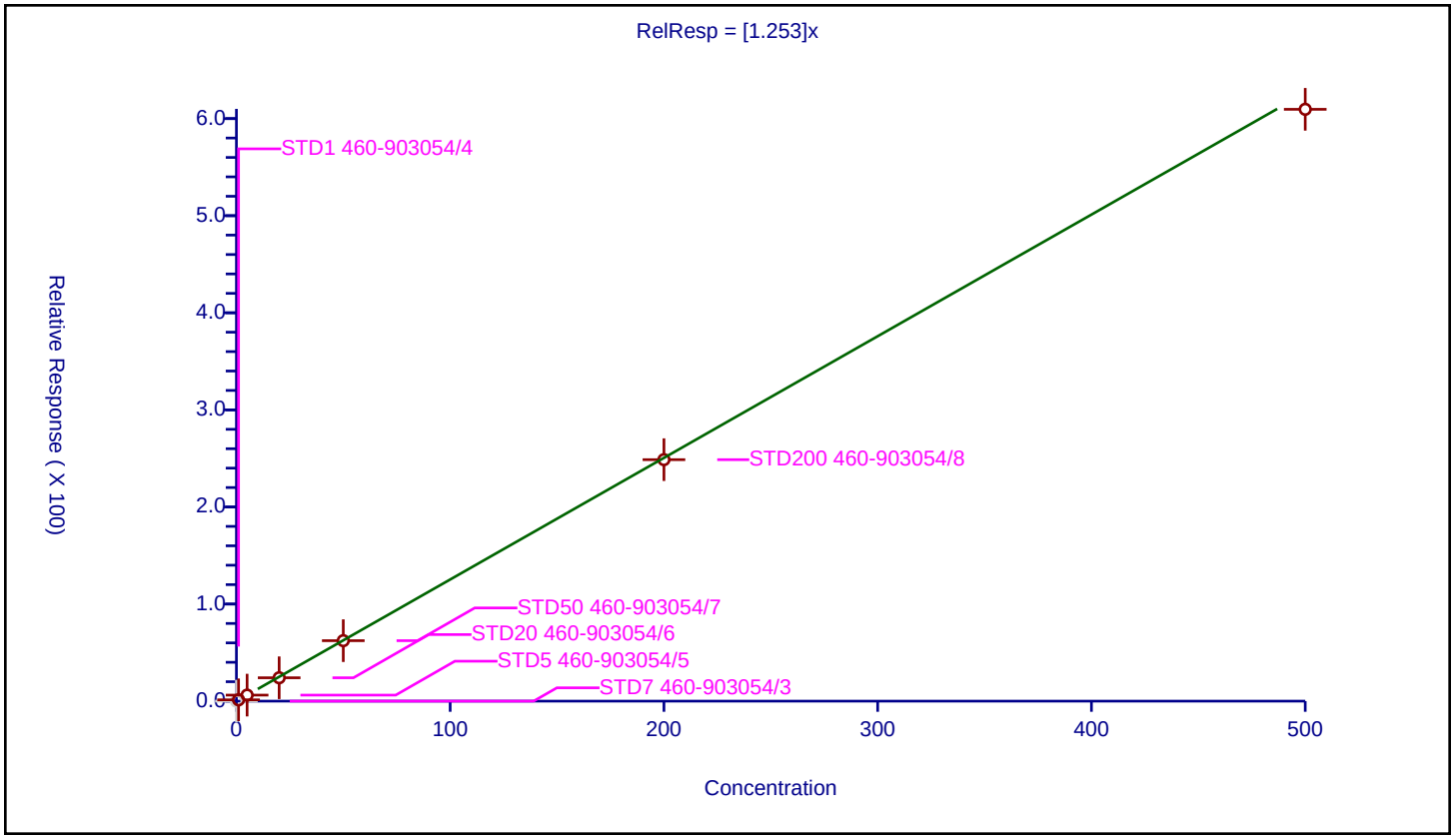
Curve Coefficients

Intercept:	0
Slope:	1.253

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.361063	50.0	199403.0	1.361063	Y
3	STD5 460-903054/5	5.0	6.220308	50.0	203125.0	1.244062	Y
4	STD20 460-903054/6	20.0	24.068311	50.0	203716.0	1.203416	Y
5	STD50 460-903054/7	50.0	62.284051	50.0	204794.0	1.245681	Y
6	STD200 460-903054/8	200.0	248.727513	50.0	206171.0	1.243638	Y
7	STD500 460-903054/9	500.0	609.573928	50.0	224469.0	1.219148	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

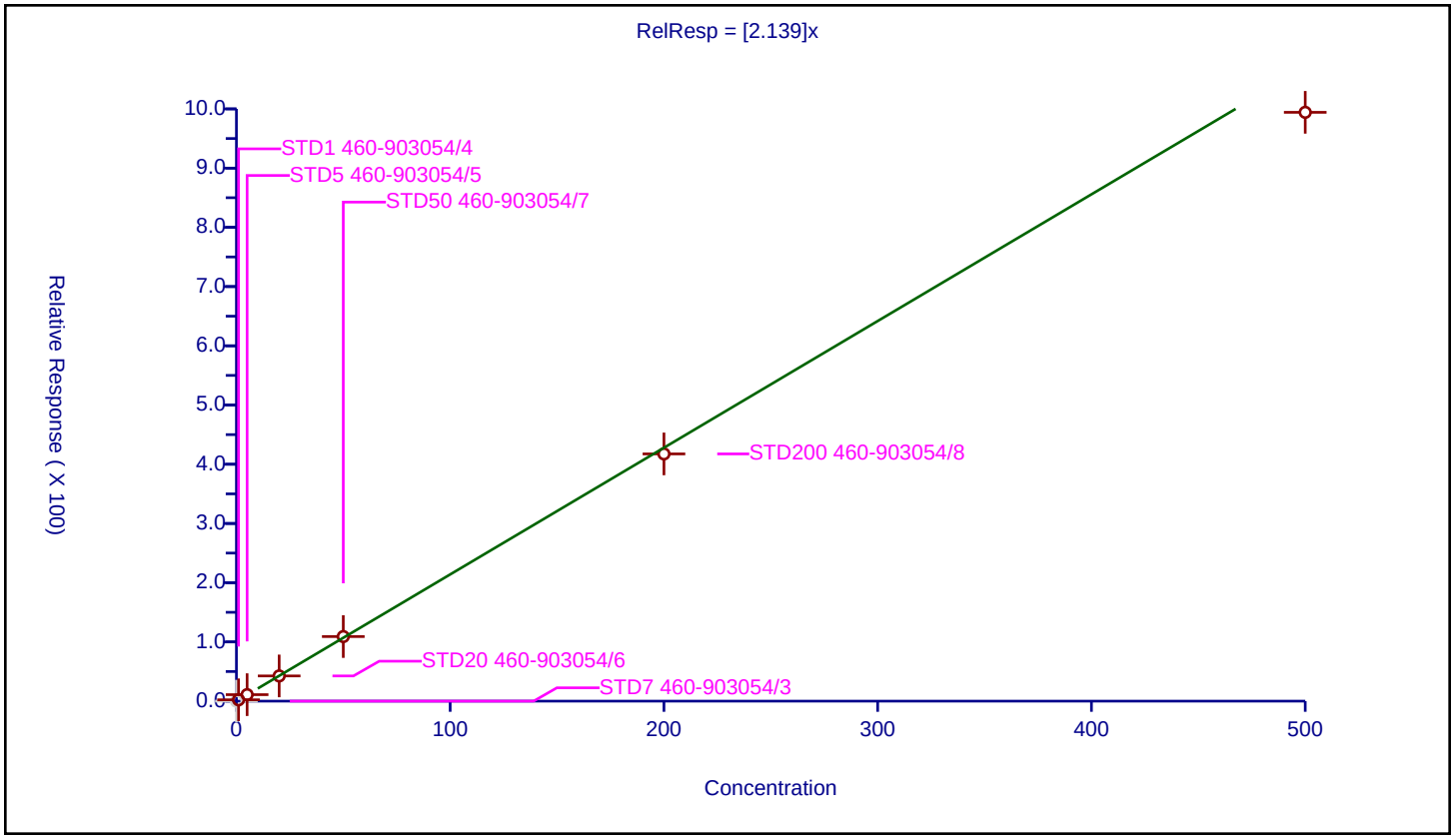
Curve Coefficients

Intercept:	0
Slope:	2.139

Error Coefficients

Standard Error:	2150000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.259244	50.0	199403.0	2.259244	Y
3	STD5 460-903054/5	5.0	10.959508	50.0	203125.0	2.191902	Y
4	STD20 460-903054/6	20.0	42.558513	50.0	203716.0	2.127926	Y
5	STD50 460-903054/7	50.0	109.044943	50.0	204794.0	2.180899	Y
6	STD200 460-903054/8	200.0	417.461476	50.0	206171.0	2.087307	Y
7	STD500 460-903054/9	500.0	994.190957	50.0	224469.0	1.988382	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

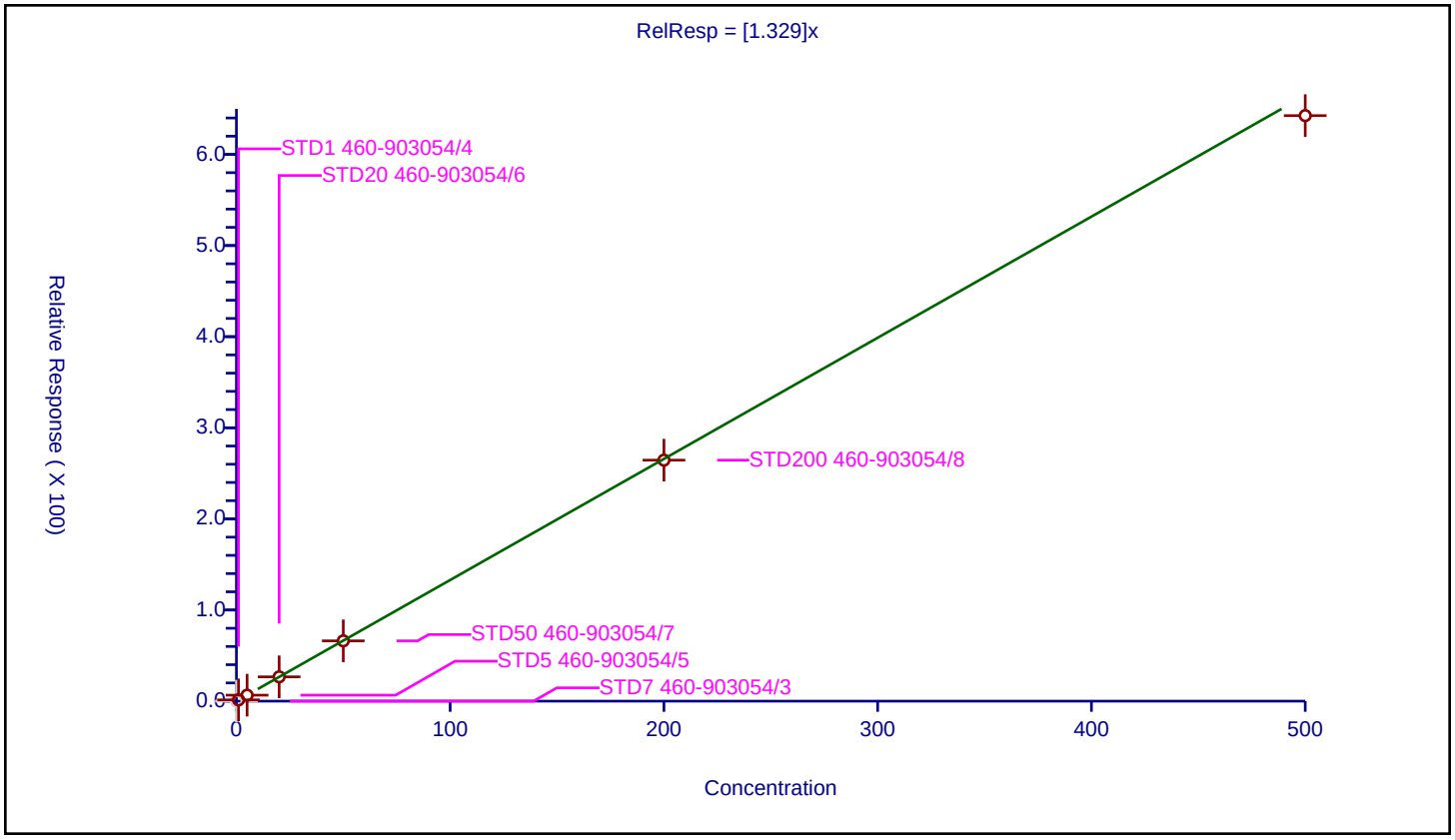
Curve Coefficients

Intercept:	0
Slope:	1.329

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.395917	50.0	199403.0	1.395917	Y
3	STD5 460-903054/5	5.0	6.575262	50.0	203125.0	1.315052	Y
4	STD20 460-903054/6	20.0	26.685435	50.0	203716.0	1.334272	Y
5	STD50 460-903054/7	50.0	66.17064	50.0	204794.0	1.323413	Y
6	STD200 460-903054/8	200.0	264.487974	50.0	206171.0	1.32244	Y
7	STD500 460-903054/9	500.0	642.615684	50.0	224469.0	1.285231	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

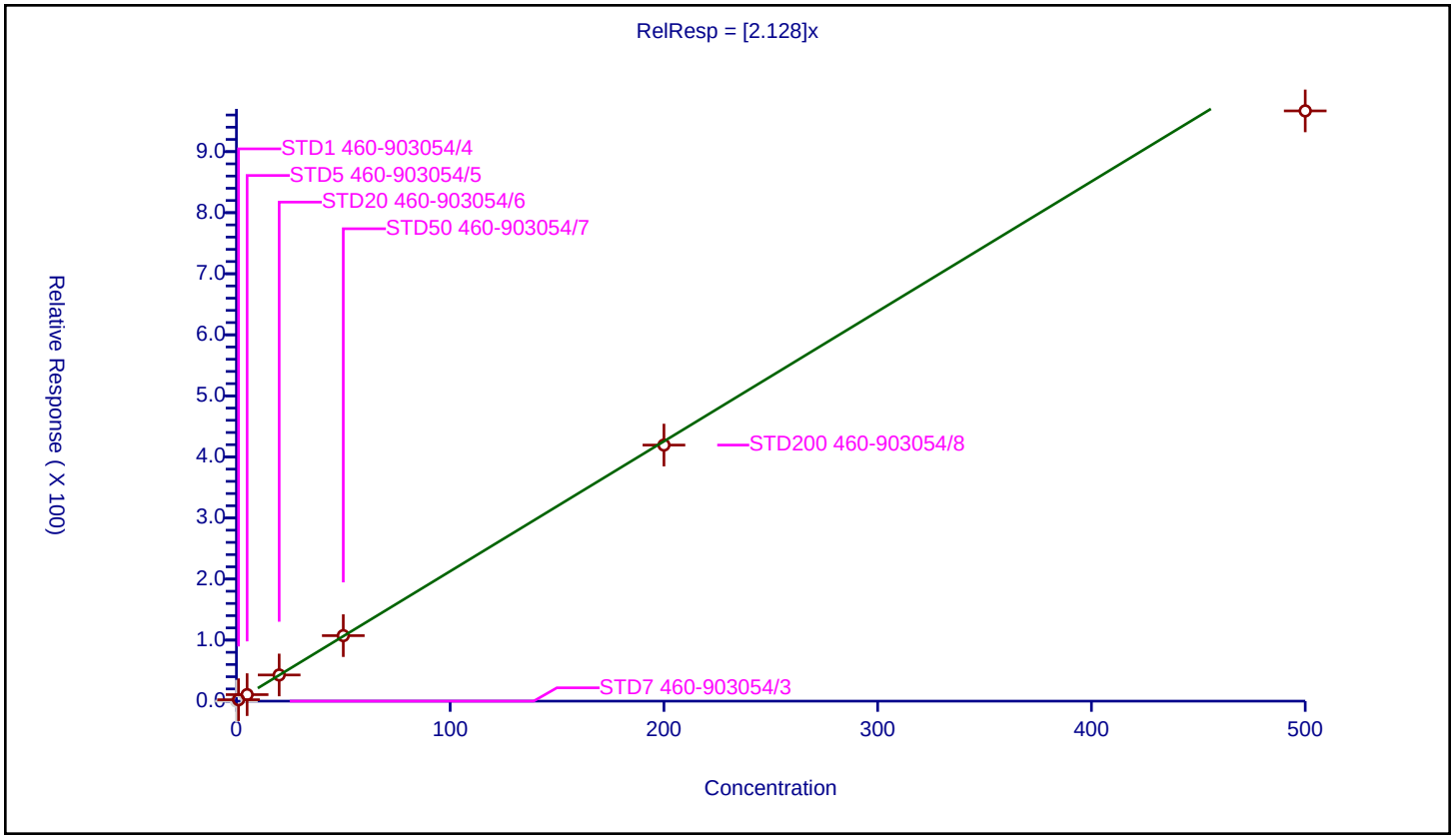
Curve Coefficients

Intercept:	0
Slope:	2.128

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.313656	50.0	199403.0	2.313656	Y
3	STD5 460-903054/5	5.0	10.668062	50.0	203125.0	2.133612	Y
4	STD20 460-903054/6	20.0	42.853041	50.0	203716.0	2.142652	Y
5	STD50 460-903054/7	50.0	107.283905	50.0	204794.0	2.145678	Y
6	STD200 460-903054/8	200.0	419.42441	50.0	206171.0	2.097122	Y
7	STD500 460-903054/9	500.0	966.733046	50.0	224469.0	1.933466	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

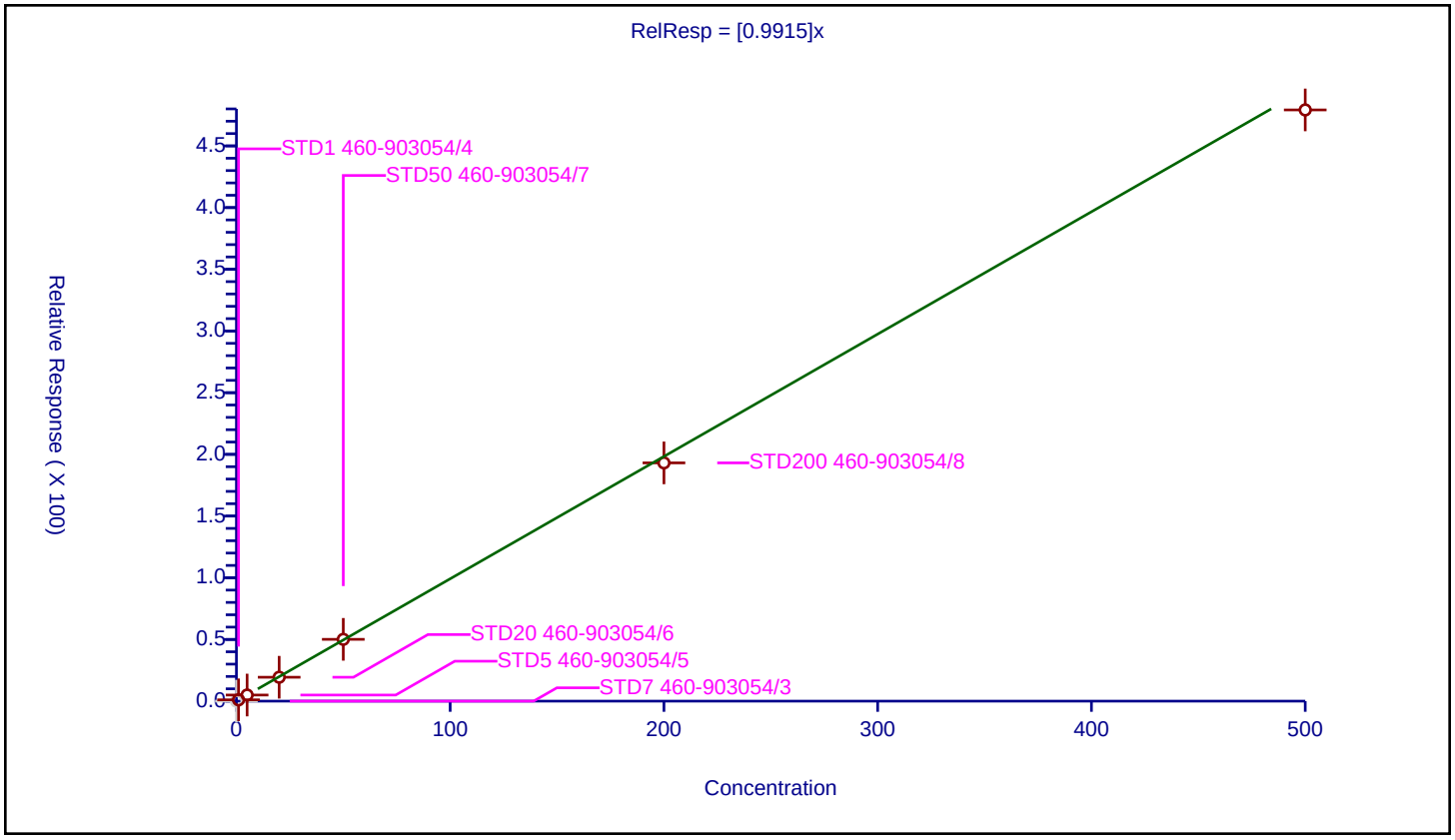
Curve Coefficients

Intercept:	0
Slope:	0.9915

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	3.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.063926	50.0	199403.0	1.063926	Y
3	STD5 460-903054/5	5.0	4.955323	50.0	203125.0	0.991065	Y
4	STD20 460-903054/6	20.0	19.372558	50.0	203716.0	0.968628	Y
5	STD50 460-903054/7	50.0	50.088626	50.0	204794.0	1.001773	Y
6	STD200 460-903054/8	200.0	193.092384	50.0	206171.0	0.965462	Y
7	STD500 460-903054/9	500.0	479.163715	50.0	224469.0	0.958327	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

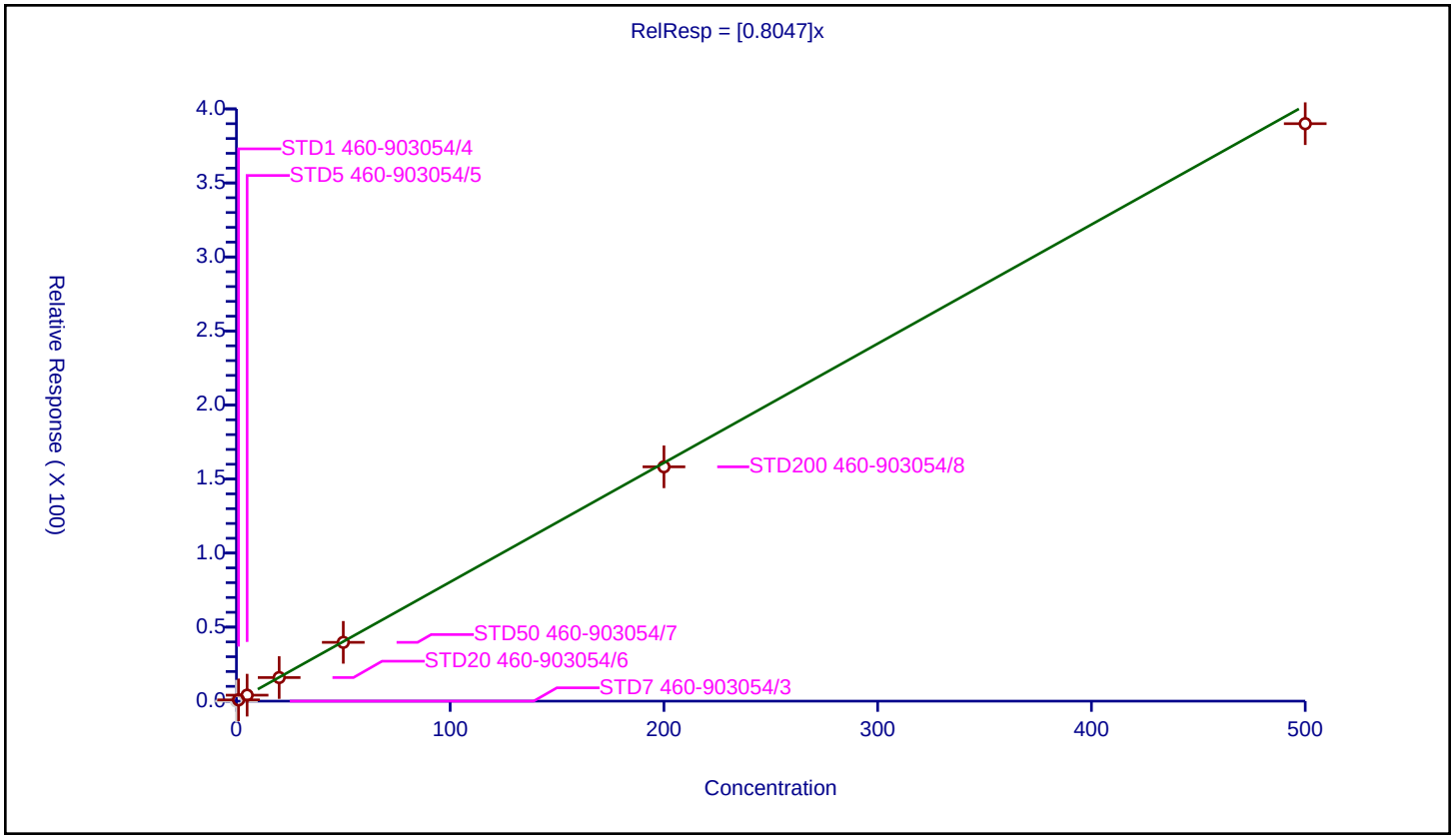
Curve Coefficients

Intercept:	0
Slope:	0.8047

Error Coefficients

Standard Error:	839000
Relative Standard Error:	3.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.860569	50.0	199403.0	0.860569	Y
3	STD5 460-903054/5	5.0	4.030523	50.0	203125.0	0.806105	Y
4	STD20 460-903054/6	20.0	15.92413	50.0	203716.0	0.796206	Y
5	STD50 460-903054/7	50.0	39.716251	50.0	204794.0	0.794325	Y
6	STD200 460-903054/8	200.0	158.248735	50.0	206171.0	0.791244	Y
7	STD500 460-903054/9	500.0	390.015102	50.0	224469.0	0.78003	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

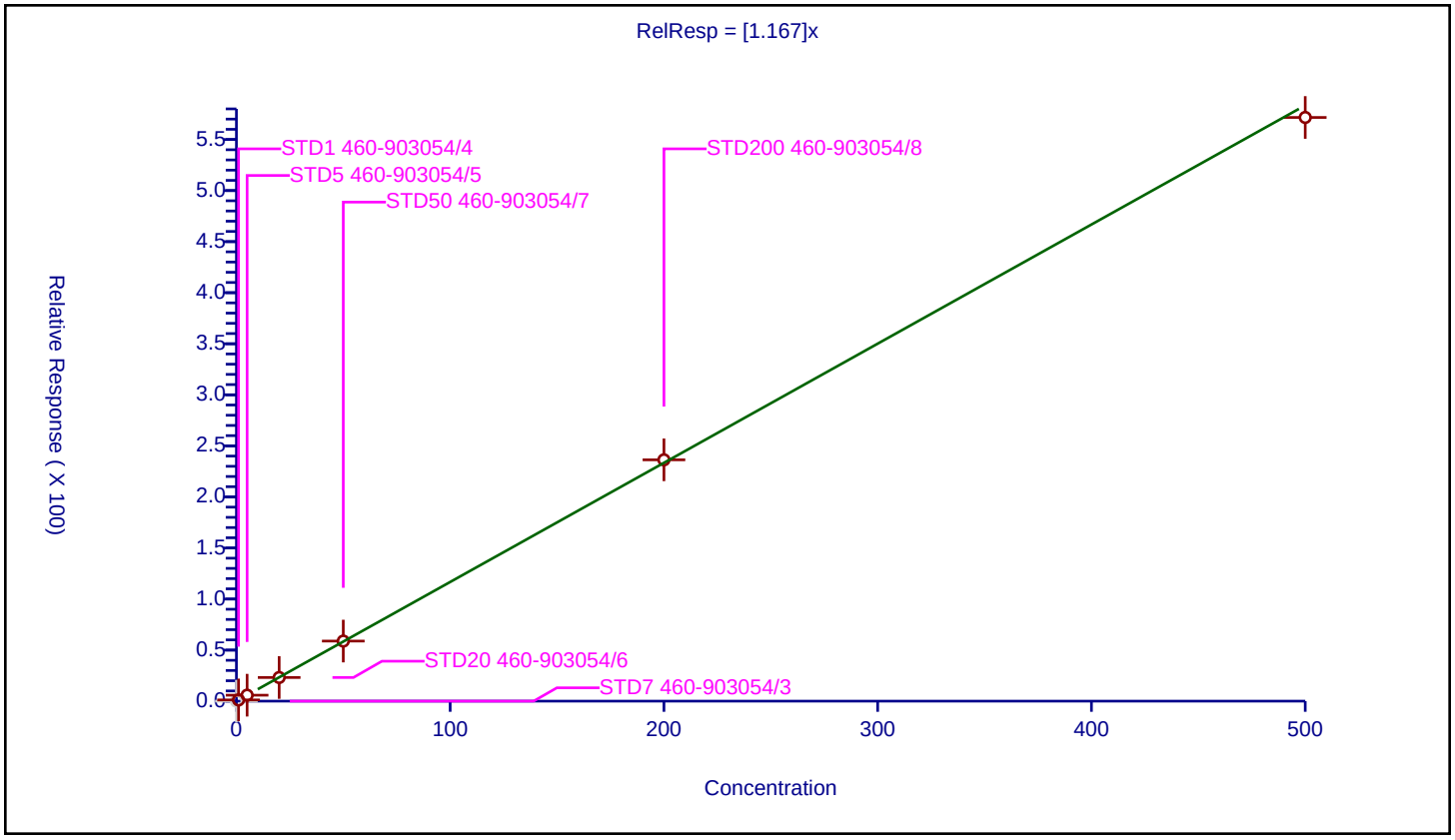
Curve Coefficients

Intercept:	0
Slope:	1.167

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	1.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.174255	50.0	199403.0	1.174255	Y
3	STD5 460-903054/5	5.0	5.840738	50.0	203125.0	1.168148	Y
4	STD20 460-903054/6	20.0	23.154293	50.0	203716.0	1.157715	Y
5	STD50 460-903054/7	50.0	58.823012	50.0	204794.0	1.17646	Y
6	STD200 460-903054/8	200.0	236.325671	50.0	206171.0	1.181628	Y
7	STD500 460-903054/9	500.0	571.608997	50.0	224469.0	1.143218	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

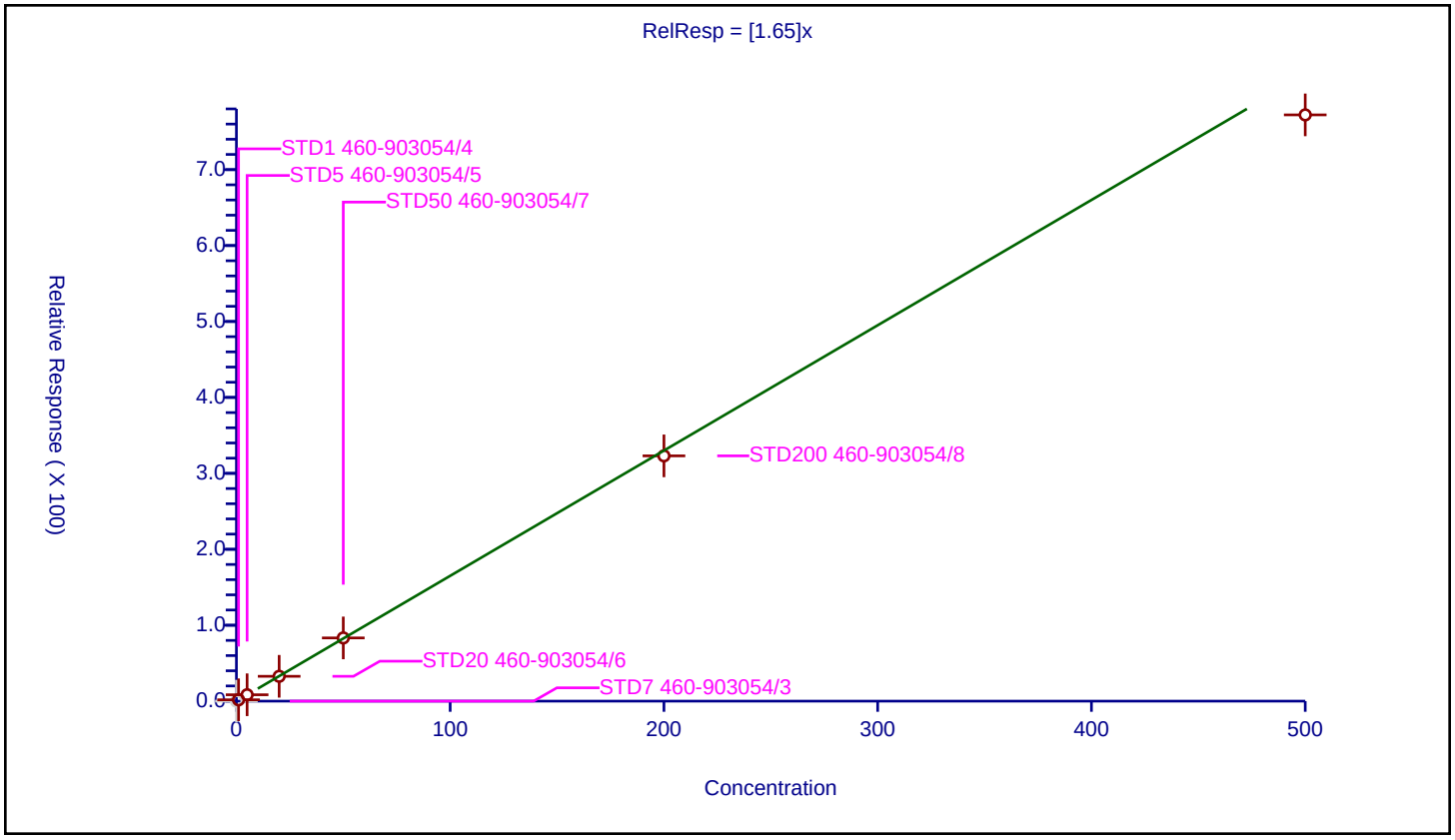
Curve Coefficients

Intercept:	0
Slope:	1.65

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	1.756744	50.0	199403.0	1.756744	Y
3	STD5 460-903054/5	5.0	8.413046	50.0	203125.0	1.682609	Y
4	STD20 460-903054/6	20.0	32.725215	50.0	203716.0	1.636261	Y
5	STD50 460-903054/7	50.0	83.261473	50.0	204794.0	1.665229	Y
6	STD200 460-903054/8	200.0	323.052709	50.0	206171.0	1.615264	Y
7	STD500 460-903054/9	500.0	772.103052	50.0	224469.0	1.544206	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

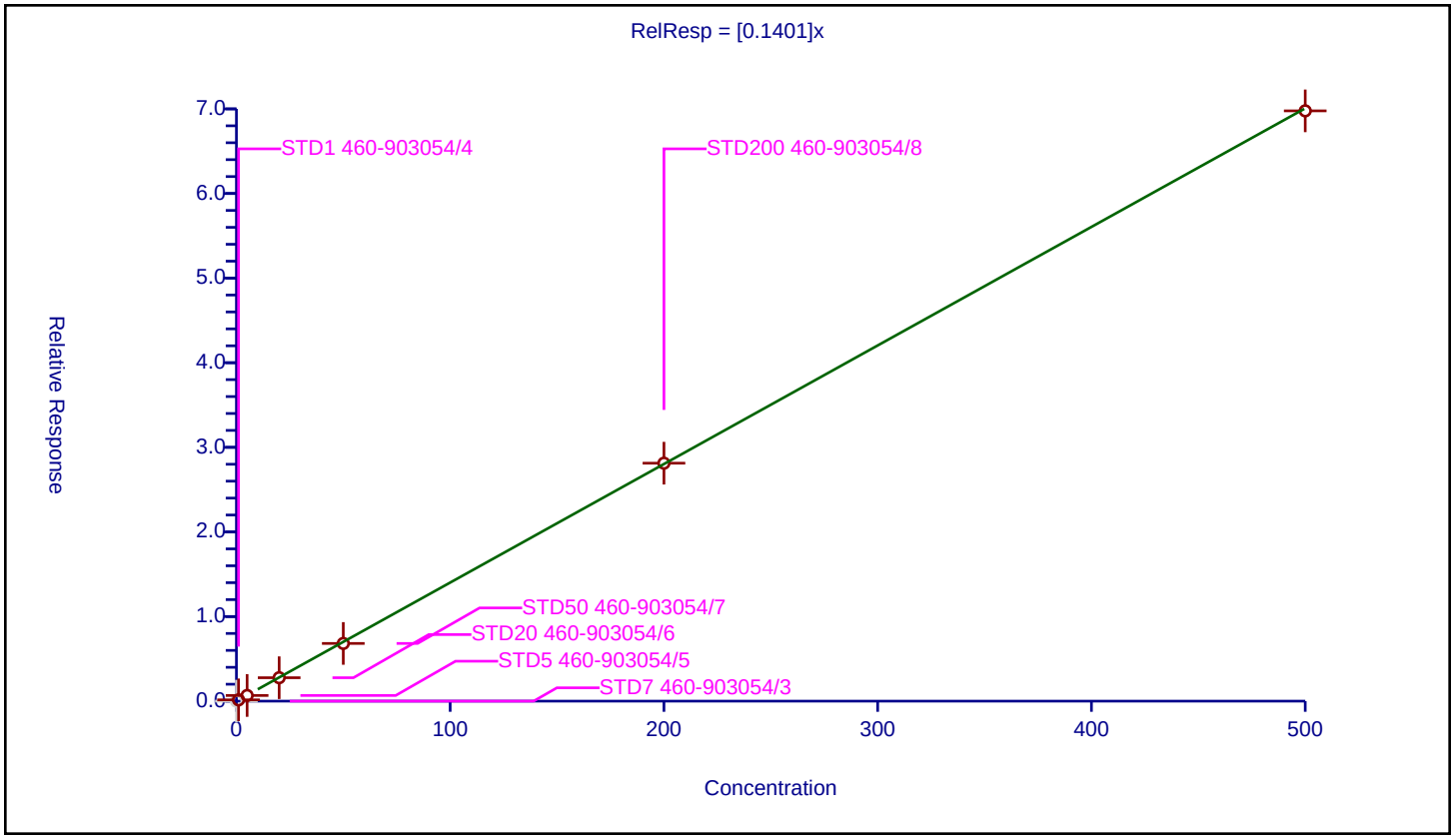
Curve Coefficients

Intercept:	0
Slope:	0.1401

Error Coefficients

Standard Error:	150000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.151703	50.0	199403.0	0.151703	Y
3	STD5 460-903054/5	5.0	0.670031	50.0	203125.0	0.134006	Y
4	STD20 460-903054/6	20.0	2.769787	50.0	203716.0	0.138489	Y
5	STD50 460-903054/7	50.0	6.821001	50.0	204794.0	0.13642	Y
6	STD200 460-903054/8	200.0	28.124955	50.0	206171.0	0.140625	Y
7	STD500 460-903054/9	500.0	69.767986	50.0	224469.0	0.139536	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

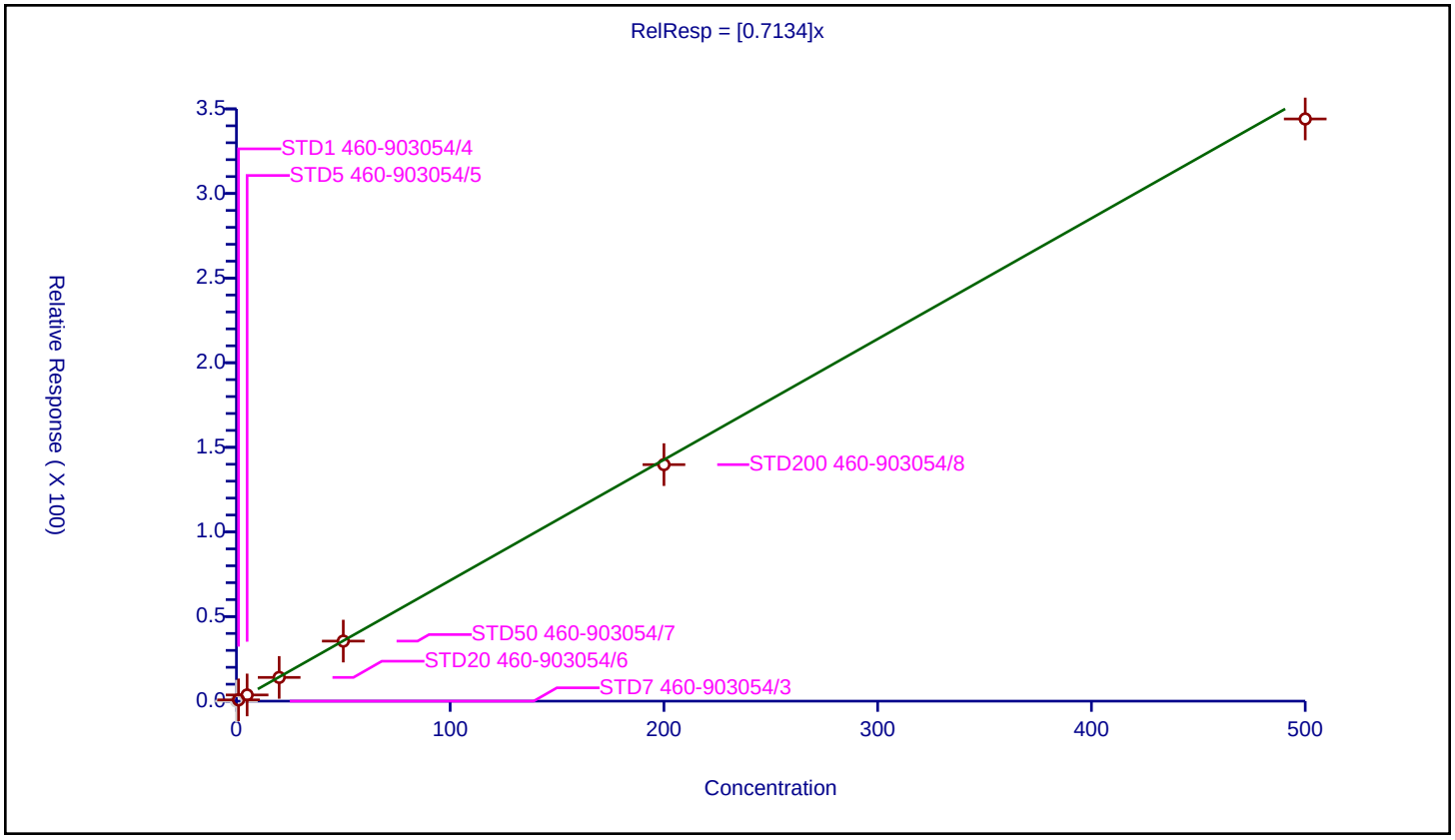
Curve Coefficients

Intercept:	0
Slope:	0.7134

Error Coefficients

Standard Error:	740000
Relative Standard Error:	3.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.751242	50.0	199403.0	0.751242	Y
3	STD5 460-903054/5	5.0	3.658585	50.0	203125.0	0.731717	Y
4	STD20 460-903054/6	20.0	14.011909	50.0	203716.0	0.700595	Y
5	STD50 460-903054/7	50.0	35.483461	50.0	204794.0	0.709669	Y
6	STD200 460-903054/8	200.0	139.774023	50.0	206171.0	0.69887	Y
7	STD500 460-903054/9	500.0	344.04528	50.0	224469.0	0.688091	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

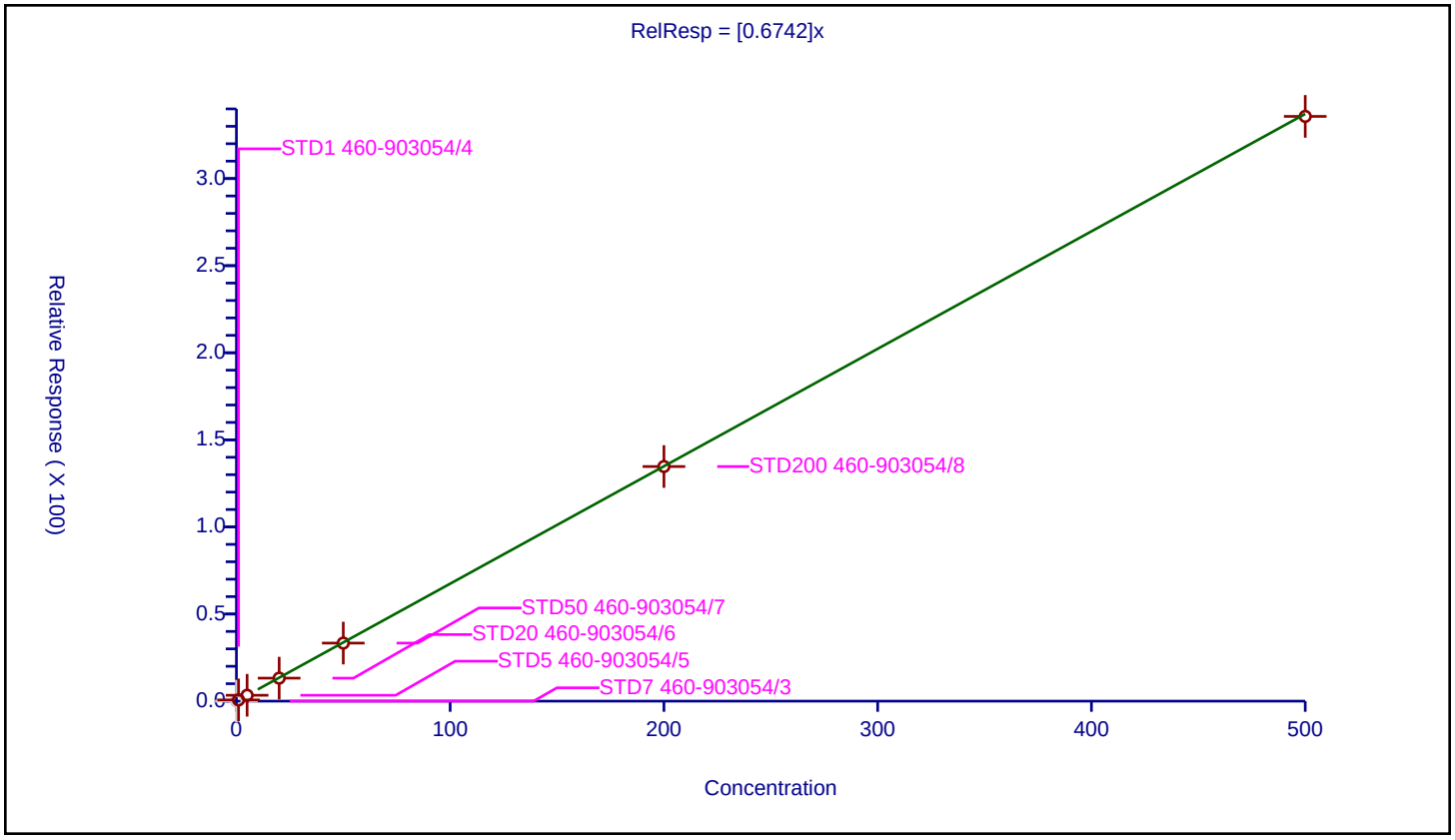
Curve Coefficients

Intercept:	0
Slope:	0.6742

Error Coefficients

Standard Error:	721000
Relative Standard Error:	2.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.700591	50.0	199403.0	0.700591	Y
3	STD5 460-903054/5	5.0	3.365662	50.0	203125.0	0.673132	Y
4	STD20 460-903054/6	20.0	13.207112	50.0	203716.0	0.660356	Y
5	STD50 460-903054/7	50.0	33.325439	50.0	204794.0	0.666509	Y
6	STD200 460-903054/8	200.0	134.677767	50.0	206171.0	0.673389	Y
7	STD500 460-903054/9	500.0	335.692679	50.0	224469.0	0.671385	Y



5/5/2023 9:57 AM

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

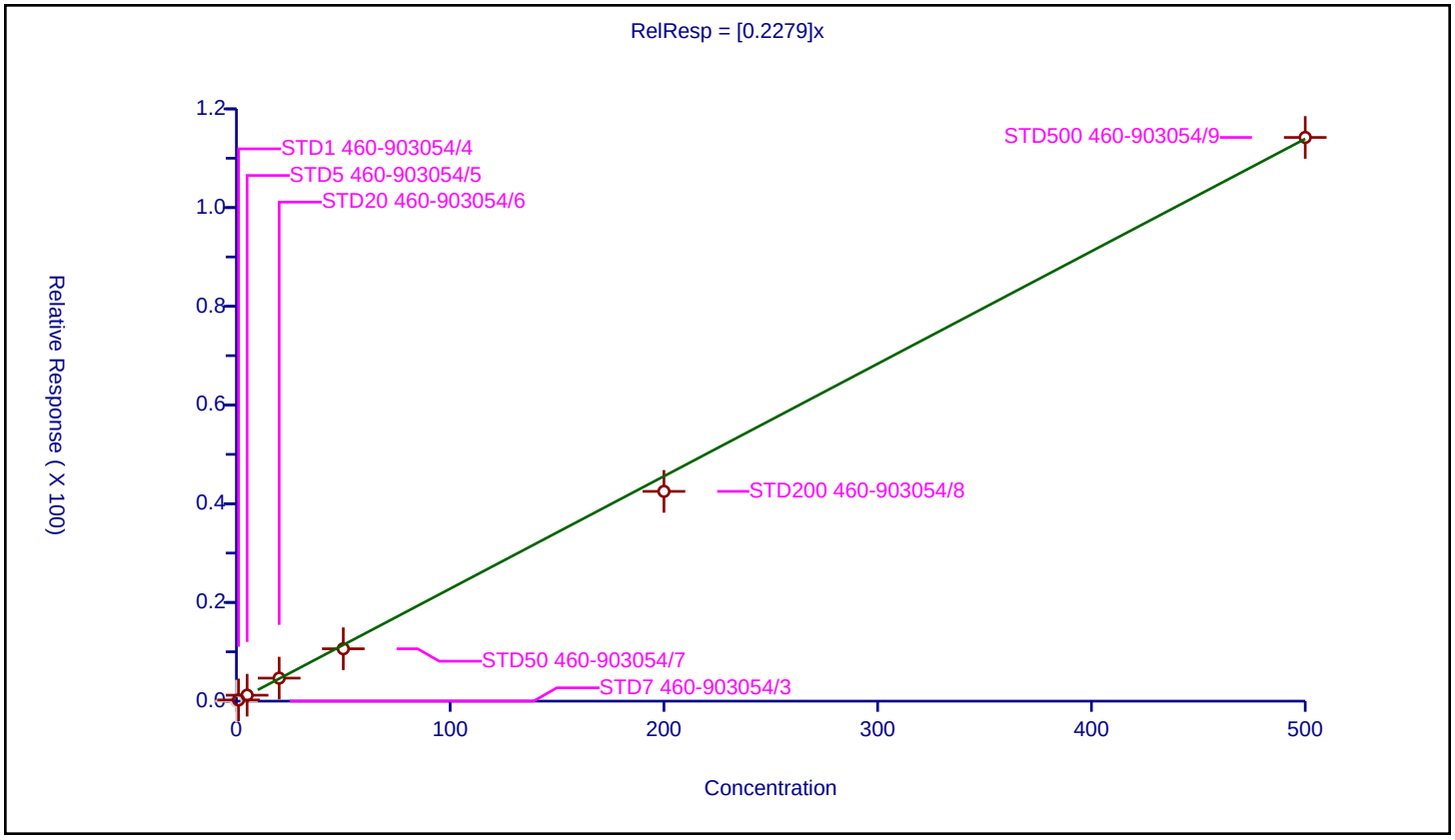
Curve Coefficients

Intercept:	0
Slope:	0.2279

Error Coefficients

Standard Error:	243000
Relative Standard Error:	5.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.239716	50.0	199403.0	0.239716	Y
3	STD5 460-903054/5	5.0	1.205169	50.0	203125.0	0.241034	Y
4	STD20 460-903054/6	20.0	4.664091	50.0	203716.0	0.233205	Y
5	STD50 460-903054/7	50.0	10.613592	50.0	204794.0	0.212272	Y
6	STD200 460-903054/8	200.0	42.497975	50.0	206171.0	0.21249	Y
7	STD500 460-903054/9	500.0	114.212653	50.0	224469.0	0.228425	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

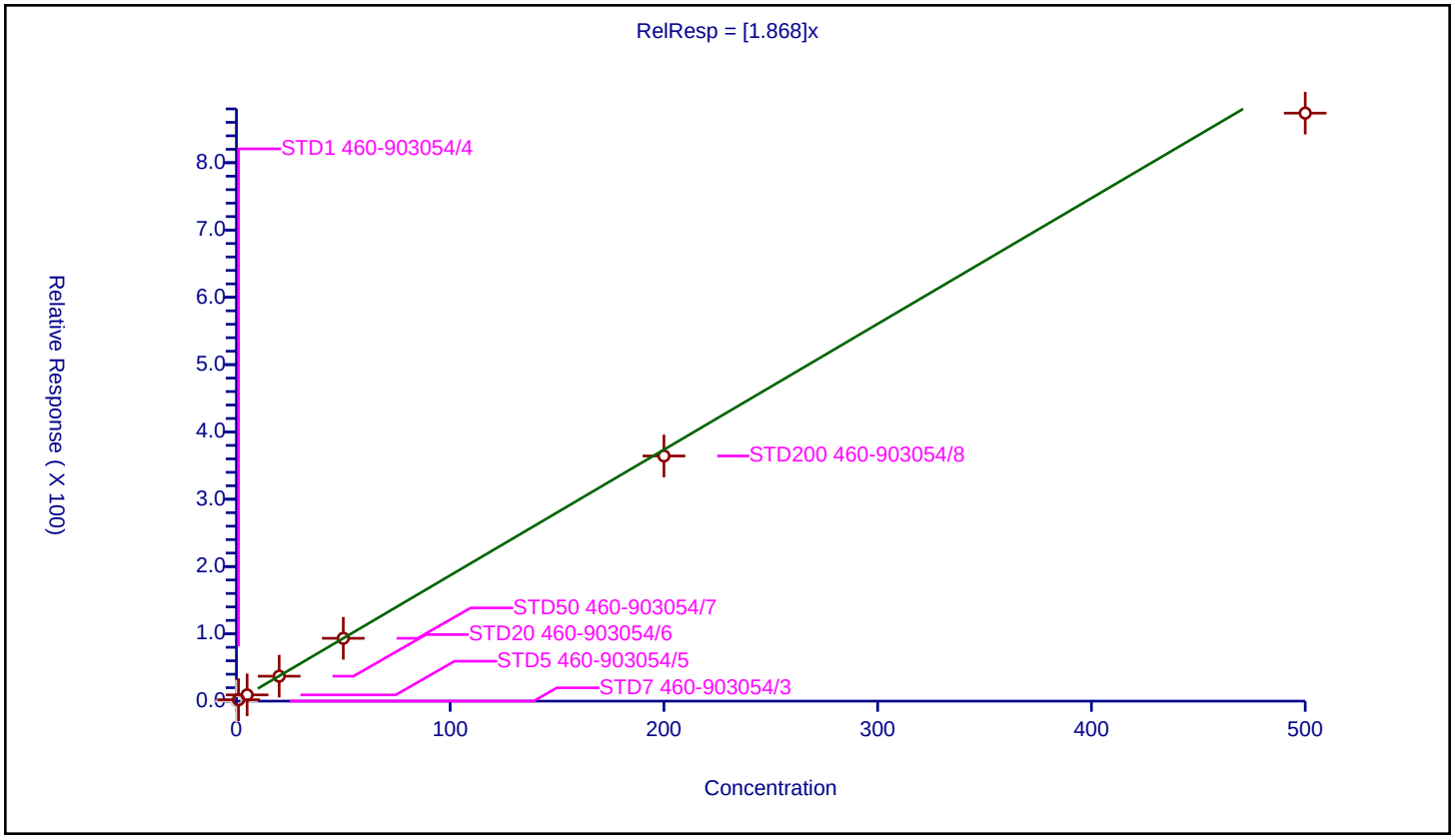
Curve Coefficients

Intercept:	0
Slope:	1.868

Error Coefficients

Standard Error:	1890000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	2.065415	50.0	199403.0	2.065415	Y
3	STD5 460-903054/5	5.0	9.279015	50.0	203125.0	1.855803	Y
4	STD20 460-903054/6	20.0	37.058699	50.0	203716.0	1.852935	Y
5	STD50 460-903054/7	50.0	93.382374	50.0	204794.0	1.867647	Y
6	STD200 460-903054/8	200.0	364.316999	50.0	206171.0	1.821585	Y
7	STD500 460-903054/9	500.0	873.708842	50.0	224469.0	1.747418	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

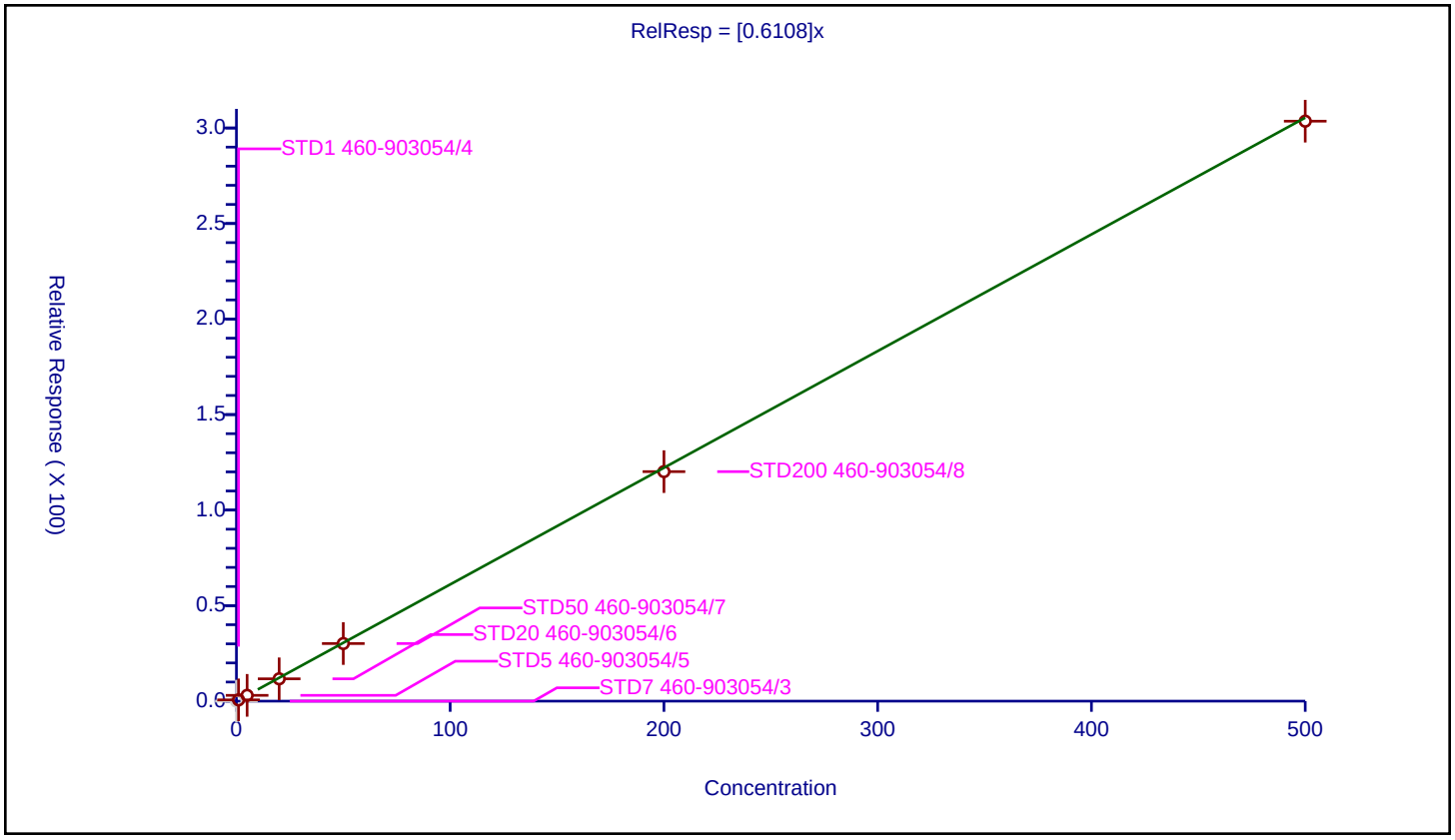
Curve Coefficients

Intercept:	0
Slope:	0.6108

Error Coefficients

Standard Error:	651000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-903054/3	0.0	0.0	50.0	197155.0	NaN	N
2	STD1 460-903054/4	1.0	0.664233	50.0	199403.0	0.664233	Y
3	STD5 460-903054/5	5.0	3.026462	50.0	203125.0	0.605292	Y
4	STD20 460-903054/6	20.0	11.687349	50.0	203716.0	0.584367	Y
5	STD50 460-903054/7	50.0	30.142485	50.0	204794.0	0.60285	Y
6	STD200 460-903054/8	200.0	120.13935	50.0	206171.0	0.600697	Y
7	STD500 460-903054/9	500.0	303.567308	50.0	224469.0	0.607135	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0207	0.0241		23.3	20.0	16.4	30.0
Dichlorodifluoromethane	Ave	0.2323	0.2266	0.1000	19.5	20.0	-2.5	30.0
Chlorodifluoromethane	Ave	0.0377	0.0335		17.8	20.0	-10.9	30.0
Chloromethane	Ave	0.2744	0.2836	0.1000	20.7	20.0	3.3	30.0
Vinyl chloride	Ave	0.2676	0.2604	0.1000	19.5	20.0	-2.7	30.0
Butadiene	Ave	0.2741	0.2429		17.7	20.0	-11.4	30.0
Bromomethane	Ave	0.1160	0.1095	0.1000	18.9	20.0	-5.6	30.0
Chloroethane	Ave	0.1357	0.1385	0.1000	20.4	20.0	2.1	30.0
Dichlorofluoromethane	Ave	0.3890	0.3826		19.7	20.0	-1.7	30.0
Trichlorofluoromethane	Ave	0.3183	0.3149	0.1000	19.8	20.0	-1.1	30.0
Pentane	Ave	0.3709	0.3125		33.7	40.0	-15.7	30.0
Ethanol	Ave	0.0139	0.0119		688	800	-14.0	30.0
Ethyl ether	Ave	0.1913	0.1877		19.6	20.0	-1.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2282	0.1990		17.4	20.0	-12.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1623	0.1699		20.9	20.0	4.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3175	0.3303		20.8	20.0	4.0	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2086	0.2009	0.1000	19.3	20.0	-3.7	30.0
Acrolein	Ave	1.603	1.154		28.8	40.1	-28.0	30.0
1,1-Dichloroethene	Ave	0.2020	0.1992	0.1000	19.7	20.0	-1.4	30.0
Acetone	Ave	0.6108	0.4861	0.0500	79.6	100	-20.4	30.0
Iodomethane	Ave	0.2714	0.2372		17.5	20.0	-12.6	30.0
Isopropyl alcohol	Ave	0.3821	0.3041		159	200	-20.4	30.0
Carbon disulfide	Ave	0.7700	0.7373	0.1000	19.2	20.0	-4.2	30.0
3-Chloro-1-propene	Ave	0.1343	0.1270		18.9	20.0	-5.4	30.0
Methyl acetate	Ave	10.78	10.39	0.1000	38.5	40.0	-3.7	30.0
Cyclopentene	Ave	0.5050	0.4919		19.5	20.0	-2.6	30.0
Acetonitrile	QuaF		1.405		203	200	1.7	30.0
Methylene Chloride	Ave	0.2332	0.2234	0.1000	19.2	20.0	-4.2	30.0
2-Methyl-2-propanol	Ave	0.7171	0.5683		158	200	-20.8	30.0
Methyl tert-butyl ether	Ave	0.6616	0.6358	0.1000	19.2	20.0	-3.9	30.0
trans-1,2-Dichloroethene	Ave	0.2361	0.2289	0.1000	19.4	20.0	-3.0	30.0
Acrylonitrile	Ave	4.459	4.344		195	200	-2.6	30.0
Hexane	Ave	0.2371	0.2193		18.5	20.0	-7.5	30.0
Isopropyl ether	Ave	0.9385	0.9447		20.1	20.0	0.7	30.0
1,1-Dichloroethane	Ave	0.4714	0.4697	0.2000	19.9	20.0	-0.4	30.0
Vinyl acetate	Ave	0.4734	0.3564		30.1	40.0	-24.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2172	0.2123		19.6	20.0	-2.2	30.0
Tert-butyl ethyl ether	Ave	0.7880	0.7733		19.6	20.0	-1.9	30.0
2,2-Dichloropropane	Ave	0.1243	0.1102		17.7	20.0	-11.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2650	0.2527	0.1000	19.1	20.0	-4.7	30.0
Ethyl acetate	Ave	0.2472	0.2238		36.2	40.0	-9.5	30.0
Methyl Ethyl Ketone	Ave	0.1969	0.1875	0.0500	95.2	100	-4.8	30.0
Methyl acrylate	Ave	0.2161	0.2048		19.0	20.0	-5.2	30.0
Propionitrile	Ave	1.472	1.444		196	200	-1.9	30.0
Chlorobromomethane	Ave	0.1259	0.1179		18.7	20.0	-6.3	30.0
Tetrahydrofuran	Ave	0.2422	0.2100		34.7	40.0	-13.3	30.0
Methacrylonitrile	Ave	0.0892	0.0894		201	200	0.3	30.0
Chloroform	Ave	0.4380	0.4271	0.2000	19.5	20.0	-2.5	30.0
Cyclohexane	Ave	0.2920	0.2725	0.1000	18.7	20.0	-6.7	30.0
1,1,1-Trichloroethane	Ave	0.3751	0.3454	0.1000	18.4	20.0	-7.9	30.0
Carbon tetrachloride	Ave	0.3313	0.2908	0.1000	17.6	20.0	-12.2	30.0
1,1-Dichloropropene	Ave	0.3635	0.3332		18.3	20.0	-8.3	30.0
Isobutyl alcohol	Ave	0.5845	0.5555		475	500	-5.0	30.0
Isooctane	Ave	0.4680	0.4318		18.5	20.0	-7.7	30.0
Benzene	Ave	1.486	1.436	0.5000	19.3	20.0	-3.4	30.0
Isopropyl acetate	Ave	0.8105	0.7955		19.6	20.0	-1.8	30.0
Tert-amyl methyl ether	Ave	0.1787	0.1878		21.0	20.0	5.1	30.0
1,2-Dichloroethane	Ave	0.3635	0.3504	0.1000	19.3	20.0	-3.6	30.0
n-Heptane	Ave	0.1028	0.0933		18.2	20.0	-9.2	30.0
n-Butanol	QuaF		0.1310		430	500	-14.1	30.0
Trichloroethene	Ave	0.2734	0.2688	0.2000	19.7	20.0	-1.7	30.0
Methylcyclohexane	Ave	0.2716	0.2584	0.1000	19.0	20.0	-4.9	30.0
Ethyl acrylate	Ave	0.5682	0.5458		19.2	20.0	-3.9	30.0
1,2-Dichloropropane	Ave	0.2999	0.2902	0.1000	19.4	20.0	-3.2	30.0
Methyl methacrylate	Ave	0.0572	0.0522		36.5	40.0	-8.7	30.0
1,4-Dioxane	Ave	0.4658	0.4415		379	400	-5.2	30.0
Dibromomethane	Ave	0.1702	0.1621		19.0	20.0	-4.8	30.0
n-Propyl acetate	Ave	0.3934	0.3771		19.2	20.0	-4.1	30.0
Bromodichloromethane	Ave	0.3492	0.3230	0.2000	18.5	20.0	-7.5	30.0
2-Nitropropane	Ave	3.967	3.245		32.7	40.0	-18.2	30.0
2-Chloroethyl vinyl ether	Ave	0.1634	0.1635		20.0	20.0	0.0	30.0
Epichlorohydrin	Ave	0.1792	0.2045		22.8	20.0	14.2	30.0
cis-1,3-Dichloropropene	Ave	0.6514	0.6000	0.2000	18.4	20.0	-7.9	30.0
methyl isobutyl ketone	Ave	2.373	2.395	0.0500	101	100	0.9	30.0
Toluene	Ave	1.472	1.419	0.4000	19.3	20.0	-3.6	30.0
trans-1,3-Dichloropropene	Ave	0.5673	0.5367	0.1000	18.9	20.0	-5.4	30.0
Ethyl methacrylate	Ave	0.3063	0.2877		18.8	20.0	-6.1	30.0
1,1,2-Trichloroethane	Ave	0.2858	0.2832	0.1000	19.8	20.0	-0.9	30.0
Tetrachloroethene	Ave	0.3536	0.3362	0.2000	19.0	20.0	-4.9	30.0
1,3-Dichloropropane	Ave	0.5290	0.5148		19.5	20.0	-2.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7606	0.7322	0.0500	96.3	100	-3.7	30.0
n-Butyl acetate	Ave	0.5949	0.6006		20.2	20.0	1.0	30.0
Dibromochloromethane	Ave	0.3525	0.3237	0.1000	18.4	20.0	-8.2	30.0
Ethylene Dibromide	Ave	0.3224	0.3160	0.1000	19.6	20.0	-2.0	30.0
Chlorobenzene	Ave	0.8744	0.8644	0.5000	19.8	20.0	-1.1	30.0
Ethylbenzene	Ave	0.4595	0.4480	0.1000	19.5	20.0	-2.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3194	0.3139		19.7	20.0	-1.7	30.0
m-Xylene & p-Xylene	Ave	0.5608	0.5294	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.5471	0.5298	0.3000	19.4	20.0	-3.2	30.0
n-Butyl acrylate	Ave	0.2631	0.2507		19.1	20.0	-4.7	30.0
Styrene	Ave	0.9002	0.8760	0.3000	19.5	20.0	-2.7	30.0
Bromoform	Ave	0.2183	0.1878	0.1000	17.2	20.0	-14.0	30.0
Amyl acetate (mixed isomers)	Ave	1.295	1.367		21.1	20.0	5.6	30.0
Isopropylbenzene	Ave	1.197	1.192	0.1000	19.9	20.0	-0.5	30.0
Bromobenzene	Ave	0.7501	0.7408		19.8	20.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7269	0.7017	0.3000	19.3	20.0	-3.5	30.0
N-Propylbenzene	Ave	2.774	2.816		20.3	20.0	1.5	30.0
1,2,3-Trichloropropane	Ave	0.1749	0.1788		20.4	20.0	2.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2248	0.2088		18.6	20.0	-7.1	30.0
2-Chlorotoluene	Ave	2.015	2.050		20.3	20.0	1.7	30.0
4-Ethyltoluene	Ave	2.301	2.333		20.3	20.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	1.946	1.969		20.2	20.0	1.2	30.0
4-Chlorotoluene	Ave	1.944	1.917		19.7	20.0	-1.4	30.0
Butyl Methacrylate	Ave	0.8212	0.8217		20.0	20.0	0.0	30.0
tert-Butylbenzene	Ave	1.462	1.502		20.5	20.0	2.7	30.0
1,2,4-Trimethylbenzene	Ave	2.046	2.048		20.0	20.0	0.0	30.0
sec-Butylbenzene	Ave	1.981	2.018		20.4	20.0	1.9	30.0
1,3-Dichlorobenzene	Ave	1.196	1.166	0.6000	19.5	20.0	-2.5	30.0
4-Isopropyltoluene	Ave	1.692	1.697		20.1	20.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.253	1.211	0.5000	19.3	20.0	-3.4	30.0
1,2,3-Trimethylbenzene	Ave	2.139	2.143		20.0	20.0	0.2	30.0
Benzyl chloride	Ave	1.329	1.144		17.2	20.0	-13.9	30.0
Indan	Ave	2.128	2.105		19.8	20.0	-1.1	30.0
p-Diethylbenzene	Ave	0.9915	0.9866		19.9	20.0	-0.5	30.0
n-Butylbenzene	Ave	0.8047	0.8002		19.9	20.0	-0.6	30.0
1,2-Dichlorobenzene	Ave	1.167	1.136	0.4000	19.5	20.0	-2.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.650	1.663		20.2	20.0	0.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1401	0.1213	0.0500	17.3	20.0	-13.4	30.0
1,3,5-Trichlorobenzene	Ave	0.7134	0.7059		19.8	20.0	-1.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6742	0.6452	0.2000	19.1	20.0	-4.3	30.0
Hexachlorobutadiene	Ave	0.2279	0.2307		20.2	20.0	1.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.868	1.737		18.6	20.0	-7.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6108	0.5679		18.6	20.0	-7.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2258	0.2204		48.8	50.0	-2.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2648	0.2694		50.9	50.0	1.7	30.0
Toluene-d8 (Surr)	Ave	1.178	1.196		50.8	50.0	1.6	30.0
4-Bromofluorobenzene	Ave	0.3353	0.3344		49.9	50.0	-0.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-Apr-2023 06:30:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0159076-017
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:42:18 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 08:37:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	92	5850	20.0	23.3	
4 Dichlorodifluoromethane	85	1.160	1.157	0.003	99	54941	20.0	19.5	
5 Chlorodifluoromethane	67	1.173	1.176	-0.003	96	8135	20.0	17.8	
6 Chloromethane	50	1.288	1.285	0.003	99	68777	20.0	20.7	
7 Vinyl chloride	62	1.343	1.346	-0.003	98	63157	20.0	19.5	
8 Butadiene	54	1.361	1.358	0.003	95	58917	20.0	17.7	
9 Bromomethane	94	1.556	1.559	-0.003	99	26563	20.0	18.9	
10 Chloroethane	64	1.610	1.613	-0.003	98	33590	20.0	20.4	
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	98	92774	20.0	19.7	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	98	76368	20.0	19.8	
13 Pentane	43	1.775	1.772	0.003	96	151574	40.0	33.7	
14 Ethanol	46	1.866	1.869	-0.003	98	1969	800.0	688.1	
15 Ethyl ether	59	1.908	1.911	-0.003	92	45529	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	95	48254	20.0	17.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.939	1.942	-0.003	97	41213	20.0	20.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.981	1.978	0.003	96	80101	20.0	20.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	97	48710	20.0	19.3	
19 Acrolein	56	2.042	2.039	0.003	94	9524	40.1	28.8	
21 1,1-Dichloroethene	96	2.067	2.070	-0.004	95	48298	20.0	19.7	
22 Acetone	43	2.133	2.130	0.003	85	60221	100.0	79.6	
23 Iodomethane	142	2.188	2.191	-0.003	98	57526	20.0	17.5	
25 Isopropyl alcohol	45	2.188	2.191	-0.003	38	12531	200.0	159.2	
24 Carbon disulfide	76	2.219	2.215	0.004	100	178807	20.0	19.2	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	95	30805	20.0	18.9	
28 Methyl acetate	43	2.316	2.319	-0.003	99	85588	40.0	38.5	
27 Cyclopentene	67	2.328	2.331	-0.003	94	119294	20.0	19.5	
29 Acetonitrile	41	2.358	2.361	-0.003	99	57902	200.0	203.5	a
* 30 TBA-d9 (IS)	65	2.395	2.392	0.003	78	206034	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	99	54166	20.0	19.2	
32 2-Methyl-2-propanol	59	2.450	2.447	0.003	97	23416	200.0	158.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	98	154191	20.0	19.2	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	98	55515	20.0	19.4	
35 Acrylonitrile	53	2.620	2.617	0.003	93	178984	200.0	194.8	
36 Hexane	57	2.681	2.684	-0.003	94	53187	20.0	18.5	
37 Isopropyl ether	45	2.851	2.854	-0.003	98	229094	20.0	20.1	
38 1,1-Dichloroethane	63	2.887	2.891	-0.004	99	113902	20.0	19.9	
39 Vinyl acetate	43	2.894	2.897	-0.003	100	172846	40.0	30.1	
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	92	51488	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	87	187534	20.0	19.6	
* 43 2-Butanone-d5	46	3.301	3.304	-0.003	98	309711	250.0	250.0	
42 2,2-Dichloropropane	79	3.313	3.310	0.003	96	26713	20.0	17.7	
44 cis-1,2-Dichloroethene	96	3.338	3.341	-0.003	92	61270	20.0	19.1	
45 Ethyl acetate	70	3.356	3.353	0.003	96	11092	40.0	36.2	
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	94	23233	100.0	95.2	
47 Methyl acrylate	55	3.404	3.401	0.003	99	49666	20.0	19.0	
48 Propionitrile	54	3.471	3.474	-0.003	97	59485	200.0	196.1	
50 Chlorobromomethane	128	3.544	3.541	0.003	96	28598	20.0	18.7	
49 Tetrahydrofuran	72	3.544	3.547	-0.003	56	10406	40.0	34.7	
51 Methacrylonitrile	67	3.563	3.566	-0.004	96	216875	200.0	200.6	
52 Chloroform	83	3.587	3.590	-0.003	98	103579	20.0	19.5	
53 Cyclohexane	84	3.702	3.705	-0.003	97	66077	20.0	18.7	
54 1,1,1-Trichloroethane	97	3.715	3.718	-0.003	99	83763	20.0	18.4	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.736	-0.003	96	133605	50.0	48.8	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	70518	20.0	17.6	
57 1,1-Dichloropropene	75	3.860	3.857	0.003	95	80809	20.0	18.3	
58 Isobutyl alcohol	43	3.988	3.991	-0.003	91	57228	500.0	475.2	
59 Isooctane	57	4.013	4.009	0.004	98	104709	20.0	18.5	
60 Benzene	78	4.043	4.046	-0.003	97	236198	20.0	19.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.064	-0.003	0	163320	50.0	50.9	
62 Isopropyl acetate	43	4.104	4.101	0.003	95	192913	20.0	19.6	
63 Tert-amyl methyl ether	55	4.104	4.107	-0.003	93	45549	20.0	21.0	
64 1,2-Dichloroethane	62	4.134	4.131	0.003	96	84968	20.0	19.3	
65 n-Heptane	57	4.189	4.192	-0.003	97	22630	20.0	18.2	
* 66 Fluorobenzene	96	4.323	4.320	0.003	98	606269	50.0	50.0	
67 n-Butanol	56	4.645	4.648	-0.003	94	13499	500.0	429.6	
68 Trichloroethene	95	4.669	4.672	-0.003	98	65174	20.0	19.7	
69 Methylcyclohexane	83	4.791	4.788	0.003	86	62655	20.0	19.0	
70 Ethyl acrylate	55	4.797	4.800	-0.003	97	132371	20.0	19.2	
71 1,2-Dichloropropane	63	4.961	4.958	0.003	90	70382	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.028	5.031	-0.003	0	23967	1000.0	1000.0	
73 Methyl methacrylate	100	5.052	5.049	0.003	95	25338	40.0	36.5	
75 1,4-Dioxane	88	5.083	5.092	-0.009	28	4233	400.0	379.2	M
74 Dibromomethane	93	5.095	5.092	0.003	98	39300	20.0	19.0	
76 n-Propyl acetate	43	5.113	5.110	0.003	99	91454	20.0	19.2	
77 Dichlorobromomethane	83	5.253	5.250	0.003	98	78322	20.0	18.5	
78 2-Nitropropane	41	5.606	5.609	-0.003	97	26747	40.0	32.7	
79 2-Chloroethyl vinyl ether	63	5.618	5.621	-0.003	96	39661	20.0	20.0	
80 Epichlorohydrin	57	5.734	5.724	0.010	92	5068	20.0	22.8	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	96	98699	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.965	5.962	0.003	98	296712	100.0	100.9	
$ 83 Toluene-d8 (Surr)	98	6.032	6.035	-0.003	99	492048	50.0	50.8	
84 Toluene	91	6.117	6.120	-0.003	93	233396	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	98	88288	20.0	18.9	
86 Ethyl methacrylate	69	6.567	6.564	0.003	95	69761	20.0	18.8	
87 1,1,2-Trichloroethane	83	6.749	6.752	-0.003	96	46583	20.0	19.8	
88 Tetrachloroethene	166	6.780	6.783	-0.003	96	55299	20.0	19.0	
89 1,3-Dichloropropane	76	6.980	6.983	-0.003	98	84687	20.0	19.5	
90 2-Hexanone	58	7.071	7.074	-0.003	99	90714	100.0	96.3	
91 n-Butyl acetate	43	7.217	7.214	0.003	96	98797	20.0	20.2	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	53247	20.0	18.4	
93 Ethylene Dibromide	107	7.394	7.397	-0.003	98	51983	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.990	7.987	0.003	89	411256	50.0	50.0	
95 Chlorobenzene	112	8.020	8.023	-0.003	94	142199	20.0	19.8	
96 Ethylbenzene	106	8.130	8.133	-0.003	99	73697	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	95	51630	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.282	8.285	-0.003	0	87094	20.0	18.9	
99 o-Xylene	106	8.732	8.735	-0.003	93	87150	20.0	19.4	
100 n-Butyl acrylate	73	8.756	8.753	0.003	95	41244	20.0	19.1	
101 Styrene	104	8.768	8.771	-0.003	94	144111	20.0	19.5	
103 Bromoform	173	8.981	8.984	-0.003	96	30890	20.0	17.2	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	105197	20.0	21.1	
104 Isopropylbenzene	105	9.121	9.118	0.003	96	196036	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.315	9.318	-0.003	91	137540	50.0	49.9	
106 Bromobenzene	156	9.443	9.440	0.003	95	57019	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.510	9.513	-0.003	98	54014	20.0	19.3	
108 N-Propylbenzene	91	9.528	9.525	0.003	99	216785	20.0	20.3	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	97	13762	20.0	20.4	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	90	16072	20.0	18.6	
111 2-Chlorotoluene	91	9.620	9.623	-0.003	98	157761	20.0	20.3	
112 4-Ethyltoluene	105	9.638	9.641	-0.003	98	179594	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	9.705	9.708	-0.003	92	151592	20.0	20.2	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	147558	20.0	19.7	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	96	63247	20.0	20.0	
116 tert-Butylbenzene	119	9.984	9.987	-0.003	92	115581	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	157643	20.0	20.0	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	155366	20.0	20.4	
120 1,3-Dichlorobenzene	146	10.301	10.304	-0.003	95	89717	20.0	19.5	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	98	130662	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.368	10.371	-0.003	96	192435	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.386	10.389	-0.003	96	93184	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	99	164917	20.0	20.0	
124 Benzyl chloride	91	10.520	10.517	0.004	98	88065	20.0	17.2	
125 2,3-Dihydroindene	117	10.568	10.571	-0.003	95	162021	20.0	19.8	
126 p-Diethylbenzene	119	10.635	10.632	0.003	93	75946	20.0	19.9	
127 n-Butylbenzene	92	10.653	10.650	0.003	98	61592	20.0	19.9	
128 1,2-Dichlorobenzene	146	10.696	10.699	-0.003	96	87425	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.255	11.258	-0.003	97	128019	20.0	20.2	
130 1,2-Dibromo-3-Chloropropane	157	11.341	11.337	0.004	95	9337	20.0	17.3	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	97	54333	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	11.924	11.927	-0.003	94	49667	20.0	19.1	
133 Hexachlorobutadiene	225	12.009	12.006	0.003	97	17756	20.0	20.2	
134 Naphthalene	128	12.107	12.110	-0.003	99	133681	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	95	43713	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.2	
S 138 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

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

Reagents:

ACROLEIN SP_00149	Amount Added:	4.00	Units: uL	
GAS C SP_00510	Amount Added:	20.00	Units: uL	
8260 SP_00165	Amount Added:	20.00	Units: uL	
8FreonsSS_00056	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:42:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D

Injection Date: 14-Apr-2023 06:30:30 Instrument ID: CVOAMS8 Operator ID:

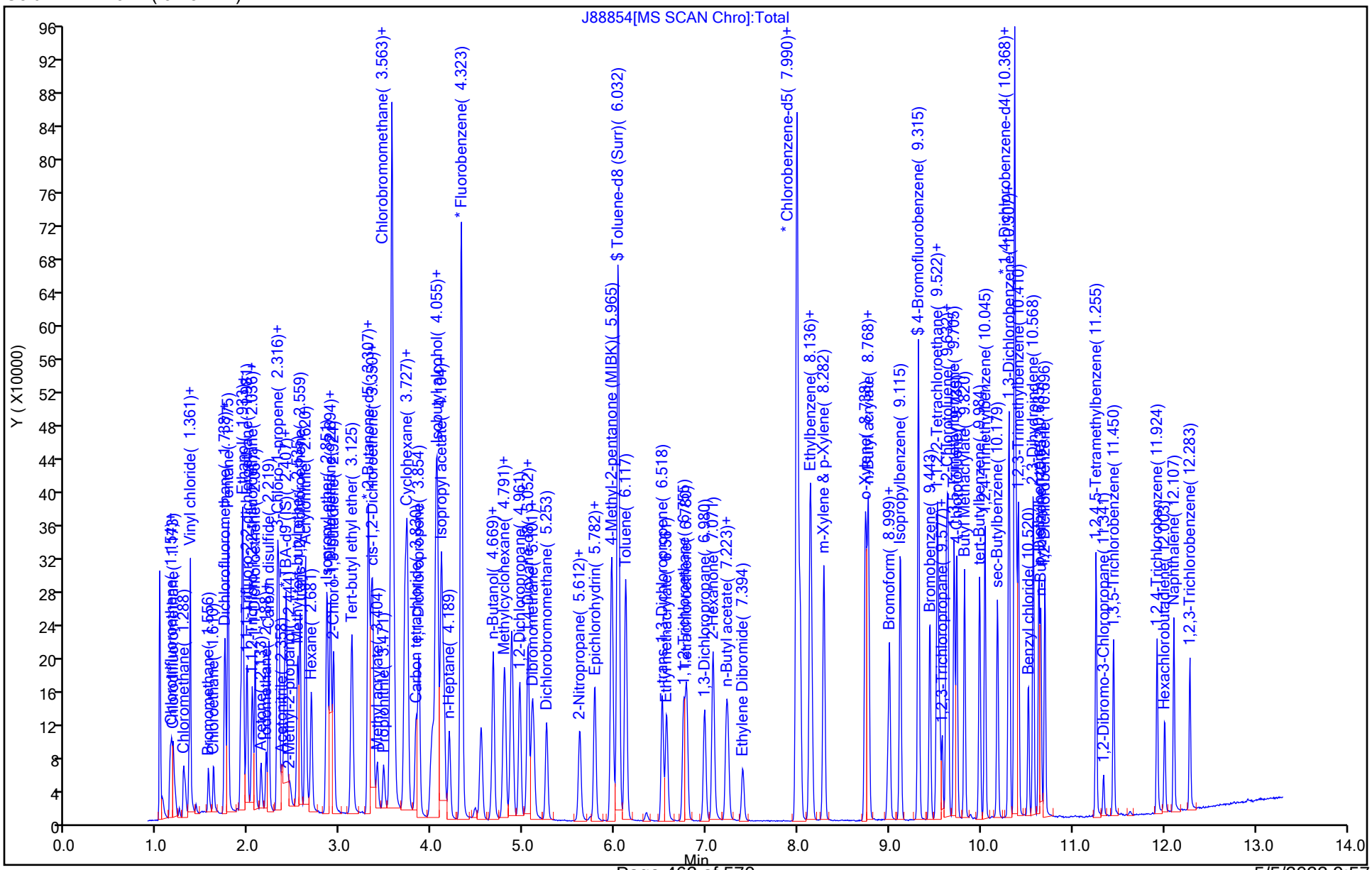
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

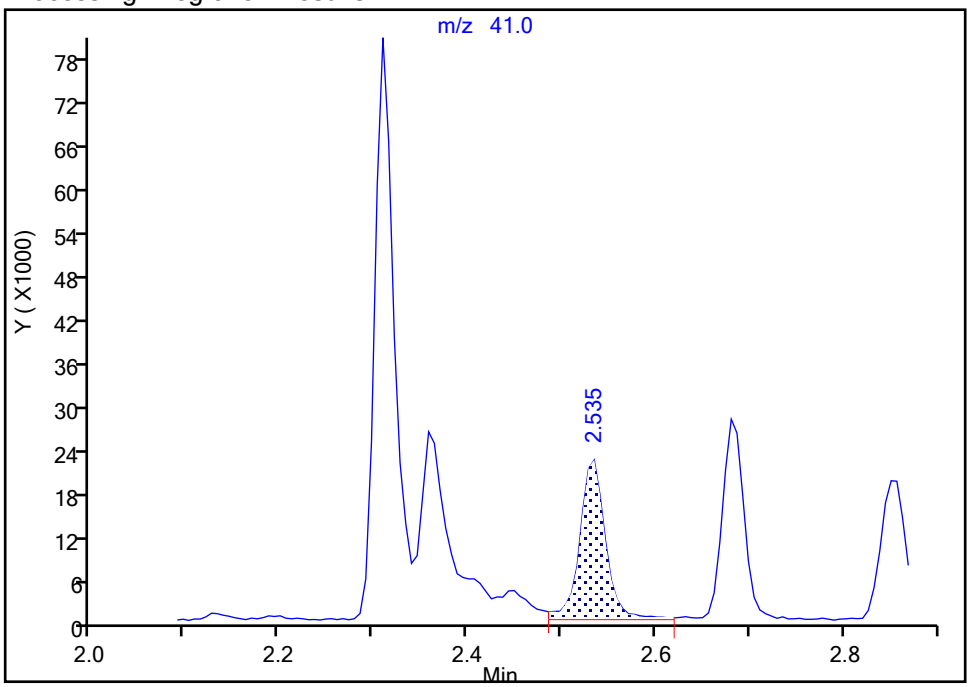
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D
Injection Date: 14-Apr-2023 06:30:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

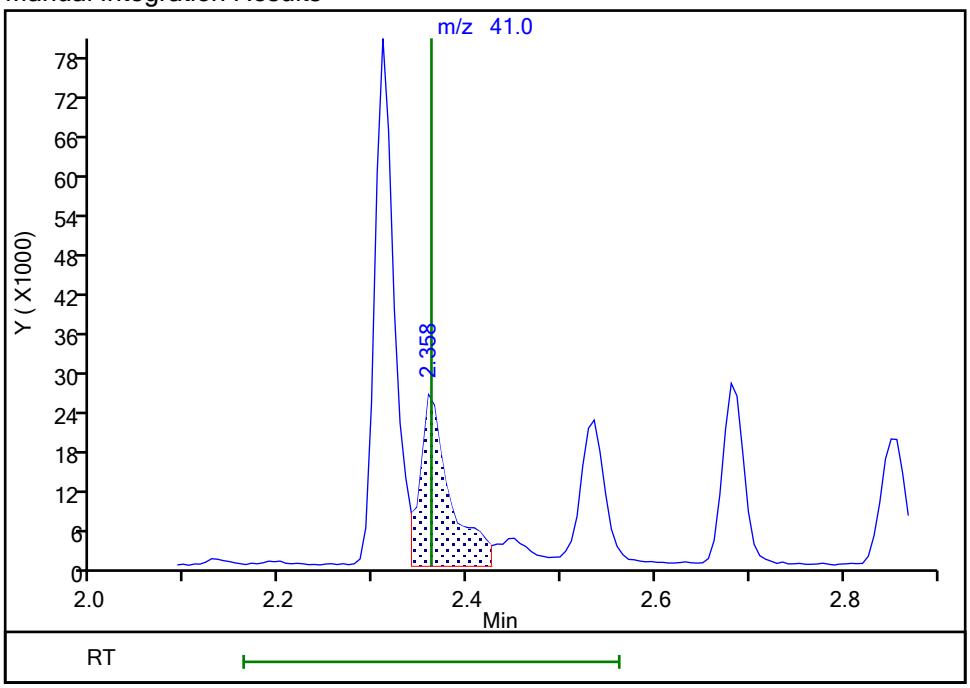
Processing Integration Results

RT: 2.53
Area: 42484
Amount: 149.4356
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 57902
Amount: 203.4823
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:31:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

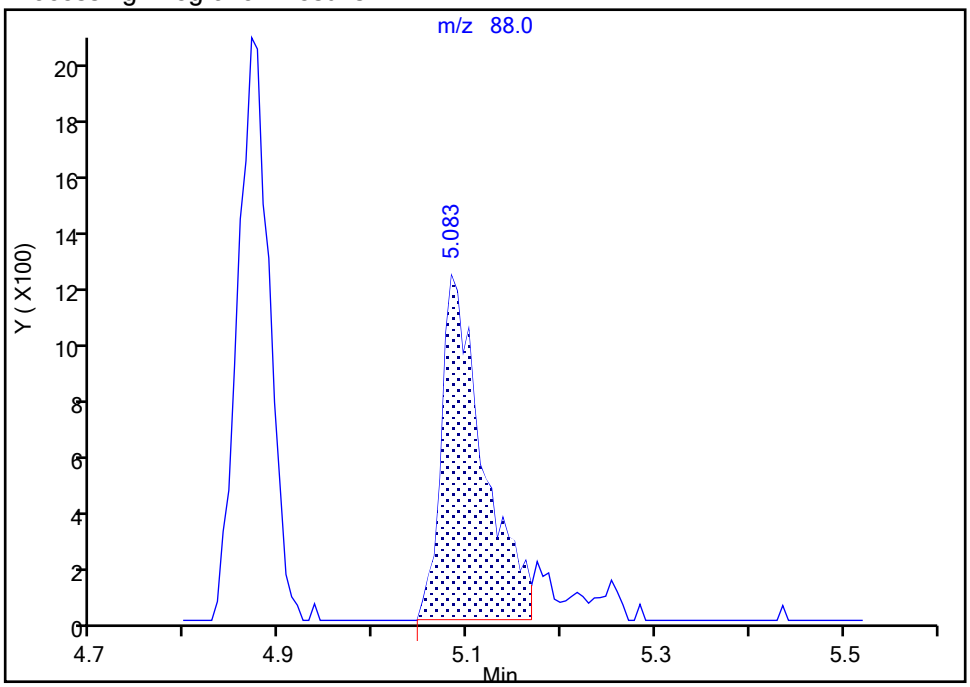
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D
Injection Date: 14-Apr-2023 06:30:30 Instrument ID: CVOAMS8
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

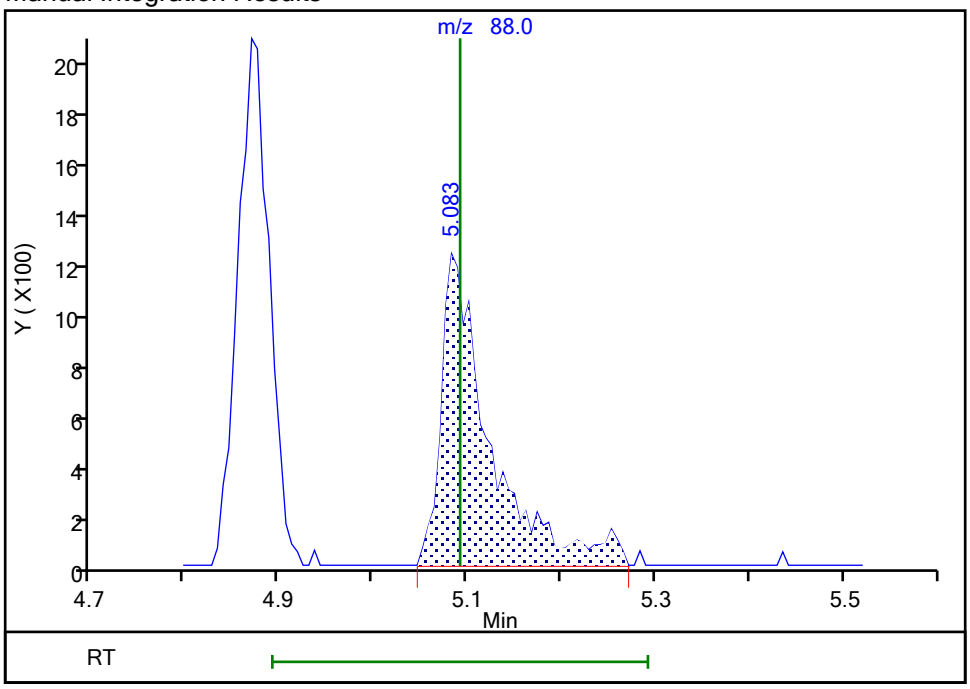
Processing Integration Results

RT: 5.08
Area: 3661
Amount: 327.9386
Amount Units: ug/l



Manual Integration Results

RT: 5.08
Area: 4233
Amount: 379.1762
Amount Units: ug/l



Reviewer: W9CM, 14-Apr-2023 19:31:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906605/2 Calibration Date: 05/02/2023 19:52

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89588.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0207	0.0176		17.0	20.0	-15.0	20.0
Dichlorodifluoromethane	Ave	0.2323	0.2295	0.1000	19.8	20.0	-1.2	20.0
Chlorodifluoromethane	Ave	0.0377	0.0391		20.8	20.0	3.8	20.0
Chloromethane	Ave	0.2744	0.2852	0.1000	20.8	20.0	3.9	20.0
Vinyl chloride	Ave	0.2676	0.2929	0.1000	21.9	20.0	9.5	20.0
Butadiene	Ave	0.2741	0.3098		22.6	20.0	13.0	20.0
Bromomethane	Ave	0.1160	0.1308	0.1000	22.6	20.0	12.8	50.0
Chloroethane	Ave	0.1357	0.1594	0.1000	23.5	20.0	17.4	50.0
Dichlorofluoromethane	Ave	0.3890	0.4490		23.1	20.0	15.4	20.0
Trichlorofluoromethane	Ave	0.3183	0.3795	0.1000	23.8	20.0	19.2	20.0
Pentane	Ave	0.3709	0.4701		50.7	40.0	26.7*	20.0
Ethanol	Ave	0.0139	0.0420		2420	800	202.6*	50.0
Ethyl ether	Ave	0.1913	0.2036		21.3	20.0	6.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2282	0.2491		21.8	20.0	9.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1623	0.1847		22.8	20.0	13.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3175	0.3422		21.6	20.0	7.8	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2086	0.2154	0.1000	20.7	20.0	3.3	20.0
Acrolein	Ave	1.603	0.5640		14.1	40.0	-64.8*	50.0
1,1-Dichloroethene	Ave	0.2020	0.2060	0.1000	20.4	20.0	2.0	20.0
Acetone	Ave	0.6108	0.5358	0.0500	87.7	100	-12.3	50.0
Iodomethane	Ave	0.2714	0.2406		17.7	20.0	-11.3	20.0
Isopropyl alcohol	Ave	0.3821	0.7253		380	200	89.8*	50.0
Carbon disulfide	Ave	0.7700	0.8217	0.1000	21.3	20.0	6.7	50.0
3-Chloro-1-propene	Ave	0.1343	0.1452		21.6	20.0	8.1	20.0
Methyl acetate	Ave	10.78	11.21	0.1000	41.6	40.0	4.0	20.0
Cyclopentene	Ave	0.5050	0.5248		20.8	20.0	3.9	20.0
Acetonitrile	QuaF		1.776		257	200	28.5*	20.0
Methylene Chloride	Ave	0.2332	0.2374	0.1000	20.4	20.0	1.8	20.0
2-Methyl-2-propanol	Ave	0.7171	0.9344		261	200	30.3	50.0
Methyl tert-butyl ether	Ave	0.6616	0.6564	0.1000	19.8	20.0	-0.8	20.0
trans-1,2-Dichloroethene	Ave	0.2361	0.2285	0.1000	19.4	20.0	-3.2	20.0
Acrylonitrile	Ave	4.459	4.414		198	200	-1.0	20.0
Hexane	Ave	0.2371	0.2637		22.2	20.0	11.2	20.0
Isopropyl ether	Ave	0.9385	1.021		21.8	20.0	8.8	20.0
1,1-Dichloroethane	Ave	0.4714	0.5195	0.2000	22.0	20.0	10.2	20.0
Vinyl acetate	Ave	0.4734	0.6022		50.9	40.0	27.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.2172	0.2111		19.4	20.0	-2.8	20.0
Tert-butyl ethyl ether	Ave	0.7880	0.7883		20.0	20.0	0.0	20.0
2,2-Dichloropropane	Ave	0.1243	0.1264		20.3	20.0	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906605/2 Calibration Date: 05/02/2023 19:52

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89588.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2650	0.2475	0.1000	18.7	20.0	-6.6	20.0
Ethyl acetate	Ave	0.2472	0.1760		28.5	40.0	-28.8*	20.0
Methyl Ethyl Ketone	Ave	0.1969	0.1743	0.0500	88.5	100	-11.5	50.0
Methyl acrylate	Ave	0.2161	0.2108		19.5	20.0	-2.5	20.0
Propionitrile	Ave	1.472	1.531		208	200	4.0	20.0
Chlorobromomethane	Ave	0.1259	0.1209		19.2	20.0	-4.0	20.0
Tetrahydrofuran	Ave	0.2422	0.1834		30.3	40.0	-24.3*	20.0
Methacrylonitrile	Ave	0.0892	0.0915		205	200	2.7	20.0
Chloroform	Ave	0.4380	0.4499	0.2000	20.5	20.0	2.7	20.0
Cyclohexane	Ave	0.2920	0.2686	0.1000	18.4	20.0	-8.0	50.0
1,1,1-Trichloroethane	Ave	0.3751	0.3550	0.1000	18.9	20.0	-5.4	20.0
Carbon tetrachloride	Ave	0.3313	0.3007	0.1000	18.2	20.0	-9.2	20.0
1,1-Dichloropropene	Ave	0.3635	0.3358		18.5	20.0	-7.6	20.0
Isobutyl alcohol	Ave	0.5845	0.6737		576	500	15.3	50.0
Isooctane	Ave	0.4680	0.5124		21.9	20.0	9.5	20.0
Benzene	Ave	1.486	1.335	0.5000	18.0	20.0	-10.1	20.0
Isopropyl acetate	Ave	0.8105	0.7879		19.4	20.0	-2.8	20.0
Tert-amyl methyl ether	Ave	0.1787	0.1861		20.8	20.0	4.1	20.0
1,2-Dichloroethane	Ave	0.3635	0.3686	0.1000	20.3	20.0	1.4	20.0
n-Heptane	Ave	0.1028	0.1036		20.2	20.0	0.8	20.0
n-Butanol	QuaF		0.2236		729	500	45.9	50.0
Trichloroethene	Ave	0.2734	0.2457	0.2000	18.0	20.0	-10.1	20.0
Methylcyclohexane	Ave	0.2716	0.2520	0.1000	18.6	20.0	-7.2	50.0
Ethyl acrylate	Ave	0.5682	0.5293		18.6	20.0	-6.8	20.0
1,2-Dichloropropane	Ave	0.2999	0.2788	0.1000	18.6	20.0	-7.1	20.0
Methyl methacrylate	Ave	0.0572	0.0480		33.6	40.0	-16.1	20.0
1,4-Dioxane	Ave	0.4658	0.8795		755	400	88.8*	50.0
Dibromomethane	Ave	0.1702	0.1627		19.1	20.0	-4.4	20.0
n-Propyl acetate	Ave	0.3934	0.3773		19.2	20.0	-4.1	20.0
Bromodichloromethane	Ave	0.3492	0.3248	0.2000	18.6	20.0	-7.0	20.0
2-Nitropropane	Ave	3.967	2.390		24.1	40.0	-39.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.1634	0.1292		15.9	20.0	-20.9*	20.0
Epichlorohydrin	Ave	0.1792	0.1521		340	400	-15.1	20.0
cis-1,3-Dichloropropene	Ave	0.6514	0.5866	0.2000	18.0	20.0	-9.9	50.0
methyl isobutyl ketone	Ave	2.373	1.874	0.0500	79.0	100	-21.0	50.0
Toluene	Ave	1.472	1.310	0.4000	17.8	20.0	-11.0	20.0
trans-1,3-Dichloropropene	Ave	0.5673	0.5171	0.1000	18.2	20.0	-8.9	50.0
Ethyl methacrylate	Ave	0.3063	0.2563		16.7	20.0	-16.3	20.0
1,1,2-Trichloroethane	Ave	0.2858	0.2661	0.1000	18.6	20.0	-6.9	20.0
Tetrachloroethene	Ave	0.3536	0.3158	0.2000	17.9	20.0	-10.7	20.0
1,3-Dichloropropane	Ave	0.5290	0.5022		19.0	20.0	-5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906605/2 Calibration Date: 05/02/2023 19:52

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89588.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7606	0.5602	0.0500	73.7	100	-26.3	50.0
n-Butyl acetate	Ave	0.5949	0.5654		19.0	20.0	-4.9	20.0
Dibromochloromethane	Ave	0.3525	0.3235	0.1000	18.4	20.0	-8.2	50.0
Ethylene Dibromide	Ave	0.3224	0.2953	0.1000	18.3	20.0	-8.4	20.0
Chlorobenzene	Ave	0.8744	0.8165	0.5000	18.7	20.0	-6.6	20.0
Ethylbenzene	Ave	0.4595	0.3972	0.1000	17.3	20.0	-13.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3194	0.2895		18.1	20.0	-9.4	20.0
m-Xylene & p-Xylene	Ave	0.5608	0.4736	0.1000	16.9	20.0	-15.5	20.0
o-Xylene	Ave	0.5471	0.4761	0.3000	17.4	20.0	-13.0	20.0
n-Butyl acrylate	Ave	0.2631	0.2173		16.5	20.0	-17.4	20.0
Styrene	Ave	0.9002	0.7736	0.3000	17.2	20.0	-14.1	20.0
Bromoform	Ave	0.2183	0.1852	0.1000	17.0	20.0	-15.1	20.0
Amyl acetate (mixed isomers)	Ave	1.295	1.194		18.5	20.0	-7.7	20.0
Isopropylbenzene	Ave	1.197	1.075	0.1000	18.0	20.0	-10.2	20.0
Bromobenzene	Ave	0.7501	0.6863		18.3	20.0	-8.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7269	0.6781	0.3000	18.7	20.0	-6.7	20.0
N-Propylbenzene	Ave	2.774	2.512		18.1	20.0	-9.5	20.0
1,2,3-Trichloropropane	Ave	0.1749	0.1650		18.9	20.0	-5.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2248	0.2067		18.4	20.0	-8.1	20.0
2-Chlorotoluene	Ave	2.015	1.840		18.3	20.0	-8.7	20.0
4-Ethyltoluene	Ave	2.301	2.092		18.2	20.0	-9.1	20.0
1,3,5-Trimethylbenzene	Ave	1.946	1.737		17.9	20.0	-10.7	20.0
4-Chlorotoluene	Ave	1.944	1.852		19.1	20.0	-4.7	20.0
Butyl Methacrylate	Ave	0.8212	0.6707		16.3	20.0	-18.3	20.0
tert-Butylbenzene	Ave	1.462	1.298		17.8	20.0	-11.2	20.0
1,2,4-Trimethylbenzene	Ave	2.046	1.797		17.6	20.0	-12.2	20.0
sec-Butylbenzene	Ave	1.981	1.792		18.1	20.0	-9.5	20.0
1,3-Dichlorobenzene	Ave	1.196	1.087	0.6000	18.2	20.0	-9.1	20.0
4-Isopropyltoluene	Ave	1.692	1.524		18.0	20.0	-9.9	20.0
1,4-Dichlorobenzene	Ave	1.253	1.133	0.5000	18.1	20.0	-9.5	20.0
1,2,3-Trimethylbenzene	Ave	2.139	1.921		18.0	20.0	-10.2	20.0
Benzyl chloride	Ave	1.329	1.151		17.3	20.0	-13.5	50.0
Indan	Ave	2.128	1.903		17.9	20.0	-10.6	20.0
p-Diethylbenzene	Ave	0.9915	0.8953		18.1	20.0	-9.7	20.0
n-Butylbenzene	Ave	0.8047	0.7879		19.6	20.0	-2.1	20.0
1,2-Dichlorobenzene	Ave	1.167	1.085	0.4000	18.6	20.0	-7.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.650	1.447		17.5	20.0	-12.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1401	0.1263	0.0500	18.0	20.0	-9.8	50.0
1,3,5-Trichlorobenzene	Ave	0.7134	0.6763		19.0	20.0	-5.2	20.0
1,2,4-Trichlorobenzene	Ave	0.6742	0.6365	0.2000	18.9	20.0	-5.6	20.0
Hexachlorobutadiene	Ave	0.2279	0.2338		20.5	20.0	2.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906605/2 Calibration Date: 05/02/2023 19:52

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89588.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.868	1.717		18.4	20.0	-8.1	50.0
1,2,3-Trichlorobenzene	Ave	0.6108	0.6005		19.7	20.0	-1.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2258	0.2450		54.3	50.0	8.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2648	0.3031		57.2	50.0	14.5	20.0
Toluene-d8 (Surr)	Ave	1.178	1.171		49.7	50.0	-0.6	20.0
4-Bromofluorobenzene	Ave	0.3353	0.3240		48.3	50.0	-3.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89588.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-May-2023 19:52:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0159945-002
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-May-2023 22:16:02 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 02-May-2023 22:16:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.138	1.138	0.000	95	3965	20.0	17.0	
4 Dichlorodifluoromethane	85	1.162	1.162	0.000	98	51631	20.0	19.8	
5 Chlorodifluoromethane	67	1.180	1.180	0.000	97	8800	20.0	20.8	
6 Chloromethane	50	1.296	1.296	0.000	99	64170	20.0	20.8	
7 Vinyl chloride	62	1.351	1.351	0.000	98	65910	20.0	21.9	
8 Butadiene	54	1.369	1.369	0.000	95	69710	20.0	22.6	
9 Bromomethane	94	1.563	1.563	0.000	98	29443	20.0	22.6	
10 Chloroethane	64	1.618	1.618	0.000	98	35859	20.0	23.5	
12 Dichlorofluoromethane	67	1.740	1.740	0.000	98	101028	20.0	23.1	
11 Trichlorofluoromethane	101	1.752	1.752	0.000	97	85385	20.0	23.8	
13 Pentane	43	1.782	1.782	0.000	96	211582	40.0	50.7	
14 Ethanol	46	1.880	1.880	0.000	96	7459	800.0	2420.8	
15 Ethyl ether	59	1.922	1.922	0.000	90	45805	20.0	21.3	
16 2-Methyl-1,3-butadiene	53	1.934	1.934	0.000	96	56062	20.0	21.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.947	1.947	0.000	97	41560	20.0	22.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.989	1.989	0.000	98	76992	20.0	21.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.044	2.044	0.000	95	48475	20.0	20.7	
19 Acrolein	56	2.050	2.050	0.000	37	5005	40.0	14.1	
21 1,1-Dichloroethene	96	2.080	2.080	0.000	93	46355	20.0	20.4	
22 Acetone	43	2.141	2.141	0.000	84	75574	100.0	87.7	
23 Iodomethane	142	2.202	2.202	0.000	99	54143	20.0	17.7	
25 Isopropyl alcohol	45	2.202	2.202	0.000	62	32186	200.0	379.7	
24 Carbon disulfide	76	2.226	2.226	0.000	100	184903	20.0	21.3	
26 3-Chloro-1-propene	76	2.324	2.324	0.000	92	32673	20.0	21.6	
28 Methyl acetate	43	2.324	2.324	0.000	98	99441	40.0	41.6	
27 Cyclopentene	67	2.342	2.342	0.000	95	118095	20.0	20.8	
29 Acetonitrile	41	2.372	2.372	0.000	96	78818	200.0	257.0	
* 30 TBA-d9 (IS)	65	2.403	2.403	0.000	75	221866	1000.0	1000.0	
31 Methylene Chloride	84	2.421	2.421	0.000	97	53424	20.0	20.4	
32 2-Methyl-2-propanol	59	2.457	2.457	0.000	98	41464	200.0	260.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.543	2.543	0.000	96	147704	20.0	19.8	
34 trans-1,2-Dichloroethene	96	2.573	2.573	0.000	97	51421	20.0	19.4	
35 Acrylonitrile	53	2.628	2.628	0.000	92	195873	200.0	198.0	
36 Hexane	57	2.695	2.695	0.000	93	59331	20.0	22.2	
37 Isopropyl ether	45	2.865	2.865	0.000	97	229678	20.0	21.8	
38 1,1-Dichloroethane	63	2.901	2.901	0.000	99	116899	20.0	22.0	
39 Vinyl acetate	43	2.907	2.907	0.000	100	271030	40.0	50.9	
40 2-Chloro-1,3-butadiene	88	2.938	2.938	0.000	94	47499	20.0	19.4	
41 Tert-butyl ethyl ether	59	3.139	3.139	0.000	87	177371	20.0	20.0	
* 43 2-Butanone-d5	46	3.315	3.315	0.000	96	352620	250.0	250.0	
42 2,2-Dichloropropane	79	3.327	3.327	0.000	95	28448	20.0	20.3	
44 cis-1,2-Dichloroethene	96	3.351	3.351	0.000	90	55700	20.0	18.7	
46 2-Butanone (MEK)	72	3.370	3.370	0.000	94	24580	100.0	88.5	
45 Ethyl acetate	70	3.370	3.370	0.000	95	9929	40.0	28.5	
47 Methyl acrylate	55	3.418	3.418	0.000	99	47441	20.0	19.5	
48 Propionitrile	54	3.485	3.485	0.000	97	67925	200.0	208.0	
50 Chlorobromomethane	128	3.558	3.558	0.000	98	27196	20.0	19.2	
49 Tetrahydrofuran	72	3.558	3.558	0.000	93	10346	40.0	30.3	
51 Methacrylonitrile	67	3.576	3.576	0.000	97	205943	200.0	205.3	
52 Chloroform	83	3.601	3.601	0.000	97	101237	20.0	20.5	
53 Cyclohexane	84	3.716	3.716	0.000	98	60436	20.0	18.4	
54 1,1,1-Trichloroethane	97	3.735	3.735	0.000	98	79881	20.0	18.9	
$ 55 Dibromofluoromethane (Surr)	113	3.747	3.747	0.000	95	137849	50.0	54.3	
56 Carbon tetrachloride	117	3.844	3.844	0.000	97	67667	20.0	18.2	
57 1,1-Dichloropropene	75	3.874	3.874	0.000	94	75567	20.0	18.5	
58 Isobutyl alcohol	43	4.002	4.002	0.000	93	74736	500.0	576.3	
59 Isooctane	57	4.026	4.026	0.000	97	115307	20.0	21.9	a
60 Benzene	78	4.057	4.057	0.000	98	207530	20.0	18.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.075	0.000	0	170511	50.0	57.2	
62 Isopropyl acetate	43	4.118	4.118	0.000	95	177295	20.0	19.4	
63 Tert-amyl methyl ether	55	4.118	4.118	0.000	91	41868	20.0	20.8	
64 1,2-Dichloroethane	62	4.148	4.148	0.000	95	82936	20.0	20.3	
65 n-Heptane	57	4.203	4.203	0.000	98	23302	20.0	20.2	
* 66 Fluorobenzene	96	4.337	4.337	0.000	97	562544	50.0	50.0	
67 n-Butanol	56	4.665	4.665	0.000	98	24808	500.0	729.3	
68 Trichloroethene	95	4.683	4.683	0.000	96	55298	20.0	18.0	
69 Methylcyclohexane	83	4.805	4.805	0.000	85	56695	20.0	18.6	
70 Ethyl acrylate	55	4.811	4.811	0.000	97	119099	20.0	18.6	
71 1,2-Dichloropropane	63	4.975	4.975	0.000	89	62725	20.0	18.6	
* 72 1,4-Dioxane-d8	96	5.054	5.054	0.000	0	23917	1000.0	1000.0	
73 Methyl methacrylate	100	5.066	5.066	0.000	94	21614	40.0	33.6	
75 1,4-Dioxane	88	5.109	5.109	0.000	38	8414	400.0	755.3	
74 Dibromomethane	93	5.109	5.109	0.000	95	36616	20.0	19.1	
76 n-Propyl acetate	43	5.127	5.127	0.000	98	84895	20.0	19.2	
77 Dichlorobromomethane	83	5.267	5.267	0.000	98	73078	20.0	18.6	
78 2-Nitropropane	41	5.626	5.626	0.000	82	21206	40.0	24.1	
79 2-Chloroethyl vinyl ether	63	5.638	5.638	0.000	85	29151	20.0	15.9	
80 Epichlorohydrin	57	5.741	5.741	0.000	99	85799	400.0	339.5	
81 cis-1,3-Dichloropropene	75	5.796	5.796	0.000	97	91174	20.0	18.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.979	5.979	0.000	98	264348	100.0	79.0	
$ 83 Toluene-d8 (Surr)	98	6.051	6.051	0.000	98	454923	50.0	49.7	
84 Toluene	91	6.137	6.137	0.000	93	203582	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.538	6.538	0.000	97	80370	20.0	18.2	
86 Ethyl methacrylate	69	6.581	6.581	0.000	97	57664	20.0	16.7	
87 1,1,2-Trichloroethane	83	6.769	6.769	0.000	96	41359	20.0	18.6	
88 Tetrachloroethene	166	6.799	6.799	0.000	96	49080	20.0	17.9	
89 1,3-Dichloropropane	76	7.000	7.000	0.000	98	78052	20.0	19.0	
90 2-Hexanone	58	7.091	7.091	0.000	98	79021	100.0	73.7	
91 n-Butyl acetate	43	7.237	7.237	0.000	96	87882	20.0	19.0	
92 Chlorodibromomethane	129	7.250	7.250	0.000	98	50274	20.0	18.4	
93 Ethylene Dibromide	107	7.414	7.414	0.000	98	45903	20.0	18.3	
* 94 Chlorobenzene-d5	117	8.004	8.004	0.000	89	388567	50.0	50.0	
95 Chlorobenzene	112	8.040	8.040	0.000	94	126910	20.0	18.7	
96 Ethylbenzene	106	8.150	8.150	0.000	99	61740	20.0	17.3	
97 1,1,1,2-Tetrachloroethane	131	8.162	8.162	0.000	94	45002	20.0	18.1	
98 m-Xylene & p-Xylene	106	8.302	8.302	0.000	0	73611	20.0	16.9	
99 o-Xylene	106	8.752	8.752	0.000	92	74006	20.0	17.4	
100 n-Butyl acrylate	73	8.770	8.770	0.000	95	33781	20.0	16.5	
101 Styrene	104	8.788	8.788	0.000	93	120239	20.0	17.2	
103 Bromoform	173	8.995	8.995	0.000	95	28789	20.0	17.0	
102 Amyl acetate (mixed isomers)	43	9.013	9.013	0.000	86	90848	20.0	18.5	
104 Isopropylbenzene	105	9.129	9.129	0.000	97	167147	20.0	18.0	
$ 105 4-Bromofluorobenzene	174	9.329	9.329	0.000	92	125886	50.0	48.3	
106 Bromobenzene	156	9.457	9.457	0.000	95	52204	20.0	18.3	
107 1,1,2,2-Tetrachloroethane	83	9.524	9.524	0.000	98	51580	20.0	18.7	
108 N-Propylbenzene	91	9.536	9.536	0.000	98	191028	20.0	18.1	
109 1,2,3-Trichloropropane	110	9.560	9.560	0.000	97	12552	20.0	18.9	
110 trans-1,4-Dichloro-2-butene	53	9.591	9.591	0.000	87	15719	20.0	18.4	
111 2-Chlorotoluene	91	9.633	9.633	0.000	98	139970	20.0	18.3	
112 4-Ethyltoluene	105	9.652	9.652	0.000	98	159102	20.0	18.2	
113 1,3,5-Trimethylbenzene	105	9.719	9.719	0.000	93	132142	20.0	17.9	
114 4-Chlorotoluene	91	9.749	9.749	0.000	98	140863	20.0	19.1	
115 Butyl Methacrylate	87	9.834	9.834	0.000	97	51014	20.0	16.3	
116 tert-Butylbenzene	119	9.998	9.998	0.000	91	98745	20.0	17.8	
117 1,2,4-Trimethylbenzene	105	10.053	10.053	0.000	99	136717	20.0	17.6	
118 sec-Butylbenzene	105	10.193	10.193	0.000	99	136303	20.0	18.1	
120 1,3-Dichlorobenzene	146	10.315	10.315	0.000	95	82658	20.0	18.2	
119 4-Isopropyltoluene	119	10.321	10.321	0.000	97	115910	20.0	18.0	
* 121 1,4-Dichlorobenzene-d4	152	10.381	10.381	0.000	96	190153	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.400	10.400	0.000	96	86203	20.0	18.1	
123 1,2,3-Trimethylbenzene	105	10.418	10.418	0.000	99	146128	20.0	18.0	
124 Benzyl chloride	91	10.527	10.527	0.000	98	87510	20.0	17.3	
125 2,3-Dihydroindene	117	10.582	10.582	0.000	94	144724	20.0	17.9	
126 p-Diethylbenzene	119	10.643	10.643	0.000	91	68100	20.0	18.1	
127 n-Butylbenzene	92	10.661	10.661	0.000	98	59932	20.0	19.6	
128 1,2-Dichlorobenzene	146	10.710	10.710	0.000	96	82559	20.0	18.6	
129 1,2,4,5-Tetramethylbenzene	119	11.269	11.269	0.000	97	110028	20.0	17.5	
130 1,2-Dibromo-3-Chloropropane	157	11.354	11.354	0.000	93	9610	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	11.458	11.458	0.000	97	51443	20.0	19.0	
132 1,2,4-Trichlorobenzene	180	11.938	11.938	0.000	94	48415	20.0	18.9	
133 Hexachlorobutadiene	225	12.017	12.017	0.000	95	17785	20.0	20.5	
134 Naphthalene	128	12.121	12.121	0.000	99	130623	20.0	18.4	
135 1,2,3-Trichlorobenzene	180	12.297	12.297	0.000	95	45674	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	34.3	
S 138 Total BTEX	1				0		100.0	87.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00152	Amount Added: 4.00	Units: uL		
GASES Li_00527	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00238	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 02-May-2023 22:16:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89588.D

Injection Date: 02-May-2023 19:52:30 Instrument ID: CVOAMS8 Operator ID:

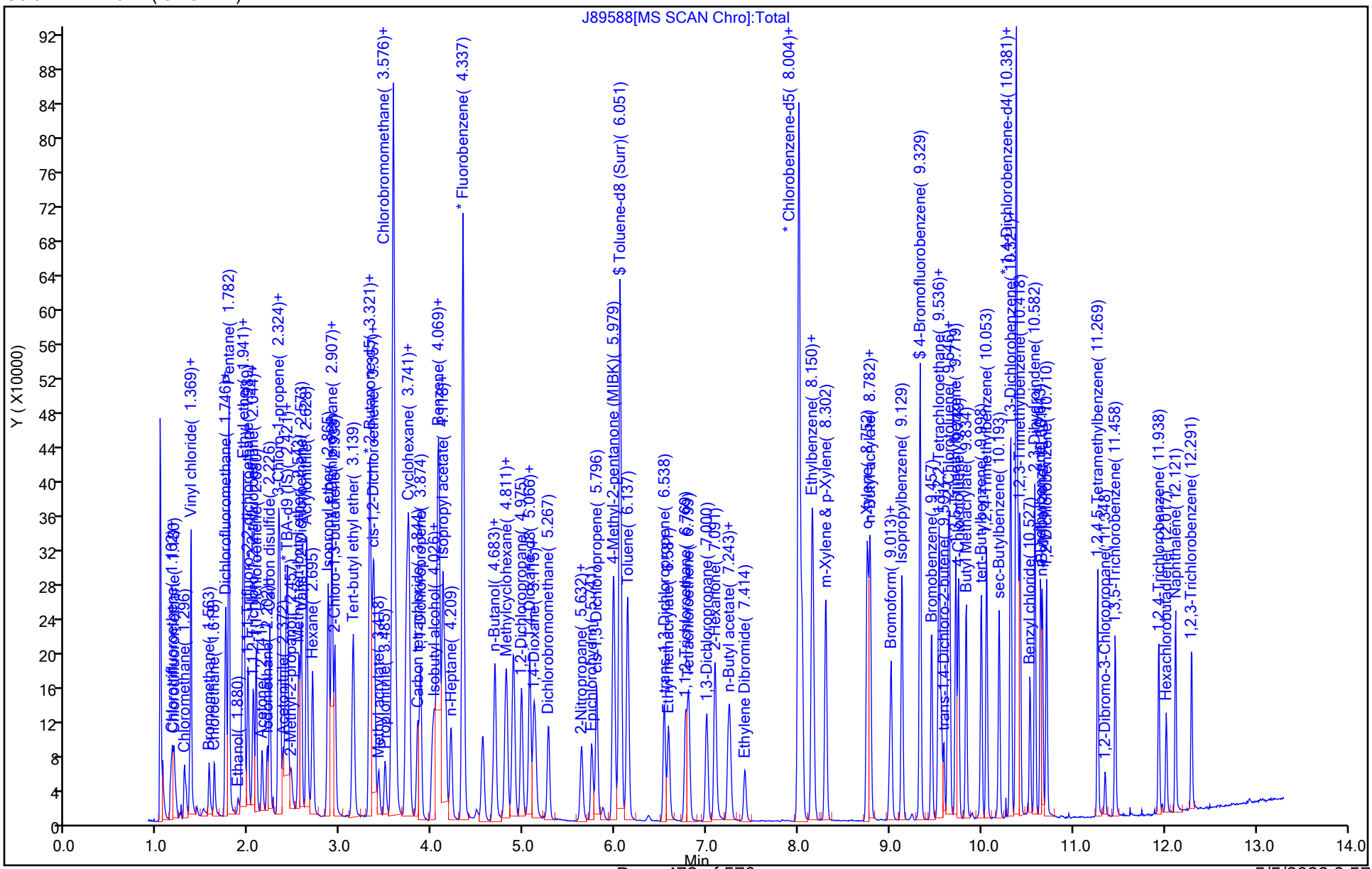
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

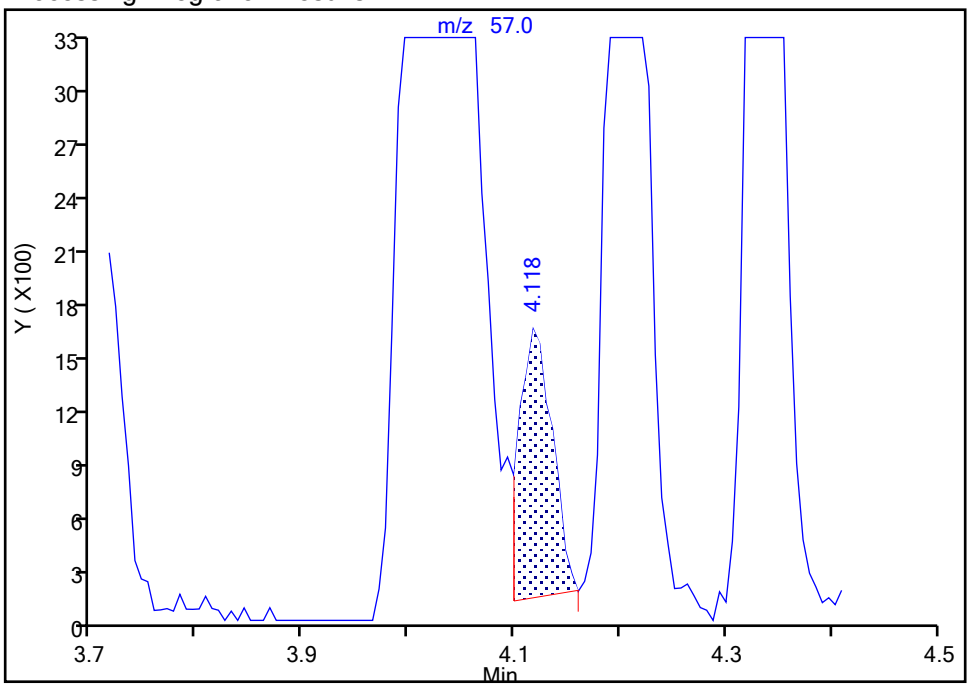
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89588.D
Injection Date: 02-May-2023 19:52:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isooctane, CAS: 540-84-1

Signal: 1

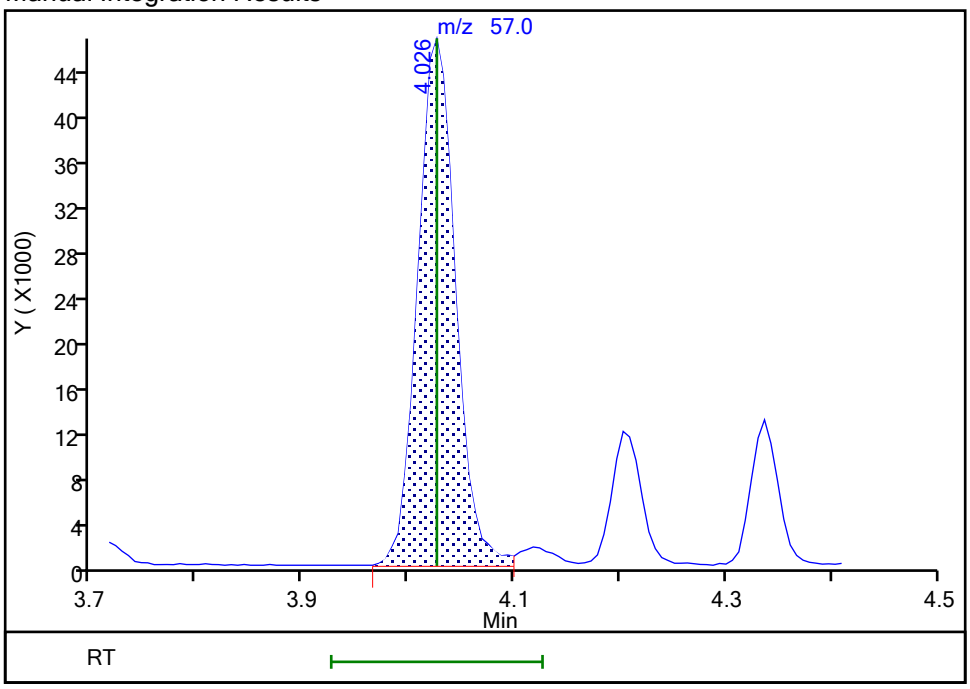
Processing Integration Results

RT: 4.12
Area: 3230
Amount: 0.613446
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 115307
Amount: 21.899263
Amount Units: ug/l



Reviewer: HVW2, 02-May-2023 20:10:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906691/2 Calibration Date: 05/03/2023 07:17

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89616.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0207	0.0174		16.8	20.0	-15.9	20.0
Dichlorodifluoromethane	Ave	0.2323	0.1970	0.1000	17.0	20.0	-15.2	20.0
Chlorodifluoromethane	Ave	0.0377	0.0426		22.6	20.0	13.1	20.0
Chloromethane	Ave	0.2744	0.2637	0.1000	19.2	20.0	-3.9	20.0
Vinyl chloride	Ave	0.2676	0.2755	0.1000	20.6	20.0	3.0	20.0
Butadiene	Ave	0.2741	0.2737		20.0	20.0	-0.2	20.0
Bromomethane	Ave	0.1160	0.1354	0.1000	23.3	20.0	16.7	50.0
Chloroethane	Ave	0.1357	0.1556	0.1000	22.9	20.0	14.7	50.0
Dichlorofluoromethane	Ave	0.3890	0.4627		23.8	20.0	18.9	20.0
Trichlorofluoromethane	Ave	0.3183	0.3862	0.1000	24.3	20.0	21.3*	20.0
Pentane	Ave	0.3709	0.4903		52.9	40.0	32.2*	20.0
Ethanol	Ave	0.0139	0.0096		555	800	-30.6	50.0
Ethyl ether	Ave	0.1913	0.2118		22.1	20.0	10.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2282	0.2739		24.0	20.0	20.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1623	0.2107		26.0	20.0	29.8*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3175	0.3644		23.0	20.0	14.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2086	0.2442	0.1000	23.4	20.0	17.0	20.0
Acrolein	Ave	1.603	1.488		37.1	40.0	-7.2	50.0
1,1-Dichloroethene	Ave	0.2020	0.2169	0.1000	21.5	20.0	7.4	20.0
Acetone	Ave	0.6108	0.5104	0.0500	83.6	100	-16.4	50.0
Iodomethane	Ave	0.2714	0.2174		16.0	20.0	-19.9	20.0
Isopropyl alcohol	Ave	0.3821	0.3535		185	200	-7.5	50.0
Carbon disulfide	Ave	0.7700	0.8492	0.1000	22.1	20.0	10.3	50.0
3-Chloro-1-propene	Ave	0.1343	0.1508		22.5	20.0	12.3	20.0
Methyl acetate	Ave	10.78	11.96	0.1000	44.4	40.0	11.0	20.0
Cyclopentene	Ave	0.5050	0.5680		22.5	20.0	12.5	20.0
Acetonitrile	QuaF		1.651		239	200	19.5	20.0
Methylene Chloride	Ave	0.2332	0.2551	0.1000	21.9	20.0	9.4	20.0
2-Methyl-2-propanol	Ave	0.7171	0.6123		171	200	-14.6	50.0
Methyl tert-butyl ether	Ave	0.6616	0.6902	0.1000	20.9	20.0	4.3	20.0
trans-1,2-Dichloroethene	Ave	0.2361	0.2451	0.1000	20.8	20.0	3.8	20.0
Acrylonitrile	Ave	4.459	4.499		202	200	0.9	20.0
Hexane	Ave	0.2371	0.2835		23.9	20.0	19.6	20.0
Isopropyl ether	Ave	0.9385	1.060		22.6	20.0	13.0	20.0
1,1-Dichloroethane	Ave	0.4714	0.5564	0.2000	23.6	20.0	18.0	20.0
Vinyl acetate	Ave	0.4734	0.6557		55.4	40.0	38.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.2172	0.2206		20.3	20.0	1.6	20.0
Tert-butyl ethyl ether	Ave	0.7880	0.7957		20.2	20.0	1.0	20.0
2,2-Dichloropropane	Ave	0.1243	0.1341		21.6	20.0	7.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906691/2 Calibration Date: 05/03/2023 07:17

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89616.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2650	0.2716	0.1000	20.5	20.0	2.5	20.0
Methyl Ethyl Ketone	Ave	0.1969	0.1798	0.0500	91.3	100	-8.7	50.0
Ethyl acetate	Ave	0.2472	0.2020		32.7	40.0	-18.3	20.0
Methyl acrylate	Ave	0.2161	0.2196		20.3	20.0	1.6	20.0
Propionitrile	Ave	1.472	1.462		199	200	-0.7	20.0
Chlorobromomethane	Ave	0.1259	0.1346		21.4	20.0	6.9	20.0
Tetrahydrofuran	Ave	0.2422	0.1902		31.4	40.0	-21.5*	20.0
Methacrylonitrile	Ave	0.0892	0.0956		214	200	7.2	20.0
Chloroform	Ave	0.4380	0.4974	0.2000	22.7	20.0	13.5	20.0
Cyclohexane	Ave	0.2920	0.2971	0.1000	20.4	20.0	1.8	50.0
1,1,1-Trichloroethane	Ave	0.3751	0.3995	0.1000	21.3	20.0	6.5	20.0
Carbon tetrachloride	Ave	0.3313	0.3394	0.1000	20.5	20.0	2.4	20.0
1,1-Dichloropropene	Ave	0.3635	0.3543		19.5	20.0	-2.5	20.0
Isobutyl alcohol	Ave	0.5845	0.4999		428	500	-14.5	50.0
Isooctane	Ave	0.4680	0.4716		20.2	20.0	0.8	20.0
Benzene	Ave	1.486	1.459	0.5000	19.6	20.0	-1.8	20.0
Isopropyl acetate	Ave	0.8105	0.7936		19.6	20.0	-2.1	20.0
Tert-amyl methyl ether	Ave	0.1787	0.1955		21.9	20.0	9.4	20.0
1,2-Dichloroethane	Ave	0.3635	0.3997	0.1000	22.0	20.0	10.0	20.0
n-Heptane	Ave	0.1028	0.1055		20.5	20.0	2.6	20.0
n-Butanol	QuaF		0.0953		313	500	-37.4	50.0
Trichloroethene	Ave	0.2734	0.2544	0.2000	18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.2716	0.2688	0.1000	19.8	20.0	-1.0	50.0
Ethyl acrylate	Ave	0.5682	0.5408		19.0	20.0	-4.8	20.0
1,2-Dichloropropane	Ave	0.2999	0.2907	0.1000	19.4	20.0	-3.1	20.0
Methyl methacrylate	Ave	0.0572	0.0502		35.1	40.0	-12.4	20.0
1,4-Dioxane	Ave	0.4658	0.3249		279	400	-30.2	50.0
Dibromomethane	Ave	0.1702	0.1739		20.4	20.0	2.2	20.0
n-Propyl acetate	Ave	0.3934	0.3783		19.2	20.0	-3.8	20.0
Bromodichloromethane	Ave	0.3492	0.3566	0.2000	20.4	20.0	2.1	20.0
2-Nitropropane	Ave	3.967	2.614		26.3	40.0	-34.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.1634	0.1311		16.1	20.0	-19.8	20.0
Epichlorohydrin	Ave	0.1792	0.1457		325	400	-18.7	20.0
cis-1,3-Dichloropropene	Ave	0.6514	0.6209	0.2000	19.1	20.0	-4.7	50.0
methyl isobutyl ketone	Ave	2.373	2.001	0.0500	84.3	100	-15.7	50.0
Toluene	Ave	1.472	1.415	0.4000	19.2	20.0	-3.8	20.0
trans-1,3-Dichloropropene	Ave	0.5673	0.5336	0.1000	18.8	20.0	-5.9	50.0
Ethyl methacrylate	Ave	0.3063	0.2604		17.0	20.0	-15.0	20.0
1,1,2-Trichloroethane	Ave	0.2858	0.2868	0.1000	20.1	20.0	0.4	20.0
Tetrachloroethene	Ave	0.3536	0.3923	0.2000	22.2	20.0	10.9	20.0
1,3-Dichloropropane	Ave	0.5290	0.5081		19.2	20.0	-3.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906691/2 Calibration Date: 05/03/2023 07:17

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89616.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7606	0.5762	0.0500	75.8	100	-24.2	50.0
n-Butyl acetate	Ave	0.5949	0.5549		18.7	20.0	-6.7	20.0
Dibromochloromethane	Ave	0.3525	0.3435	0.1000	19.5	20.0	-2.6	50.0
Ethylene Dibromide	Ave	0.3224	0.3162	0.1000	19.6	20.0	-2.0	20.0
Chlorobenzene	Ave	0.8744	0.8681	0.5000	19.9	20.0	-0.7	20.0
Ethylbenzene	Ave	0.4595	0.4307	0.1000	18.7	20.0	-6.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3194	0.3221		20.2	20.0	0.8	20.0
m-Xylene & p-Xylene	Ave	0.5608	0.5136	0.1000	18.3	20.0	-8.4	20.0
o-Xylene	Ave	0.5471	0.4924	0.3000	18.0	20.0	-10.0	20.0
n-Butyl acrylate	Ave	0.2631	0.2193		16.7	20.0	-16.7	20.0
Styrene	Ave	0.9002	0.8440	0.3000	18.8	20.0	-6.2	20.0
Bromoform	Ave	0.2183	0.2025	0.1000	18.6	20.0	-7.2	20.0
Amyl acetate (mixed isomers)	Ave	1.295	1.137		17.6	20.0	-12.2	20.0
Isopropylbenzene	Ave	1.197	1.127	0.1000	18.8	20.0	-5.9	20.0
Bromobenzene	Ave	0.7501	0.7294		19.4	20.0	-2.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7269	0.6988	0.3000	19.2	20.0	-3.9	20.0
N-Propylbenzene	Ave	2.774	2.602		18.8	20.0	-6.2	20.0
1,2,3-Trichloropropane	Ave	0.1749	0.1692		19.3	20.0	-3.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2248	0.2019		18.0	20.0	-10.2	20.0
2-Chlorotoluene	Ave	2.015	1.936		19.2	20.0	-3.9	20.0
4-Ethyltoluene	Ave	2.301	2.166		18.8	20.0	-5.9	20.0
1,3,5-Trimethylbenzene	Ave	1.946	1.830		18.8	20.0	-6.0	20.0
4-Chlorotoluene	Ave	1.944	1.832		18.8	20.0	-5.8	20.0
Butyl Methacrylate	Ave	0.8212	0.6624		16.1	20.0	-19.3	20.0
tert-Butylbenzene	Ave	1.462	1.356		18.6	20.0	-7.2	20.0
1,2,4-Trimethylbenzene	Ave	2.046	1.869		18.3	20.0	-8.7	20.0
sec-Butylbenzene	Ave	1.981	1.865		18.8	20.0	-5.9	20.0
1,3-Dichlorobenzene	Ave	1.196	1.151	0.6000	19.2	20.0	-3.8	20.0
4-Isopropyltoluene	Ave	1.692	1.571		18.6	20.0	-7.2	20.0
1,4-Dichlorobenzene	Ave	1.253	1.210	0.5000	19.3	20.0	-3.4	20.0
1,2,3-Trimethylbenzene	Ave	2.139	2.015		18.8	20.0	-5.8	20.0
Benzyl chloride	Ave	1.329	1.144		17.2	20.0	-14.0	50.0
Indan	Ave	2.128	1.997		18.8	20.0	-6.2	20.0
p-Diethylbenzene	Ave	0.9915	0.9395		18.9	20.0	-5.3	20.0
n-Butylbenzene	Ave	0.8047	0.7957		19.8	20.0	-1.1	20.0
1,2-Dichlorobenzene	Ave	1.167	1.156	0.4000	19.8	20.0	-0.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.650	1.452		17.6	20.0	-12.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1401	0.1152	0.0500	16.4	20.0	-17.8	50.0
1,3,5-Trichlorobenzene	Ave	0.7134	0.7078		19.8	20.0	-0.8	20.0
1,2,4-Trichlorobenzene	Ave	0.6742	0.6245	0.2000	18.5	20.0	-7.4	20.0
Hexachlorobutadiene	Ave	0.2279	0.2320		20.4	20.0	1.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Lab Sample ID: CCVIS 460-906691/2 Calibration Date: 05/03/2023 07:17

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89616.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.868	1.415		15.1	20.0	-24.3	50.0
1,2,3-Trichlorobenzene	Ave	0.6108	0.5130		16.8	20.0	-16.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2258	0.2487		55.1	50.0	10.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2648	0.3026		57.1	50.0	14.3	20.0
Toluene-d8 (Surr)	Ave	1.178	1.188		50.5	50.0	0.9	20.0
4-Bromofluorobenzene	Ave	0.3353	0.3390		50.5	50.0	1.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89616.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-May-2023 07:17:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0159967-002
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 07:42:42 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 07:42:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.136	0.000	92	3611	20.0	16.8	
4 Dichlorodifluoromethane	85	1.161	1.161	0.000	99	40844	20.0	17.0	
5 Chlorodifluoromethane	67	1.179	1.179	0.000	97	8831	20.0	22.6	
6 Chloromethane	50	1.295	1.295	0.000	99	54679	20.0	19.2	
7 Vinyl chloride	62	1.349	1.349	0.000	98	57126	20.0	20.6	
8 Butadiene	54	1.368	1.368	0.000	93	56737	20.0	20.0	
9 Bromomethane	94	1.562	1.562	0.000	99	28079	20.0	23.3	
10 Chloroethane	64	1.617	1.617	0.000	98	32267	20.0	22.9	
12 Dichlorofluoromethane	67	1.739	1.739	0.000	99	95917	20.0	23.8	
11 Trichlorofluoromethane	101	1.751	1.751	0.000	97	80068	20.0	24.3	
13 Pentane	43	1.781	1.781	0.000	96	203310	40.0	52.9	
14 Ethanol	46	1.878	1.878	0.000	98	1517	800.0	554.8	
15 Ethyl ether	59	1.921	1.921	0.000	89	43913	20.0	22.1	
16 2-Methyl-1,3-butadiene	53	1.939	1.939	0.000	94	56783	20.0	24.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.945	1.945	0.000	97	43691	20.0	26.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.988	1.988	0.000	98	75541	20.0	23.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.043	0.000	96	50617	20.0	23.4	
19 Acrolein	56	2.049	2.049	0.000	93	11722	40.0	37.1	
21 1,1-Dichloroethene	96	2.079	2.079	0.000	93	44973	20.0	21.5	
22 Acetone	43	2.140	2.140	0.000	84	62736	100.0	83.6	
23 Iodomethane	142	2.195	2.195	0.000	100	45063	20.0	16.0	
25 Isopropyl alcohol	45	2.201	2.201	0.000	45	13919	200.0	185.0	
24 Carbon disulfide	76	2.225	2.225	0.000	100	176044	20.0	22.1	
26 3-Chloro-1-propene	76	2.322	2.322	0.000	92	31270	20.0	22.5	
28 Methyl acetate	43	2.322	2.322	0.000	98	94211	40.0	44.4	
27 Cyclopentene	67	2.341	2.341	0.000	94	117766	20.0	22.5	
29 Acetonitrile	41	2.371	2.371	0.000	97	65027	200.0	239.0	
* 30 TBA-d9 (IS)	65	2.401	2.401	0.000	75	196879	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.420	0.000	97	52886	20.0	21.9	
32 2-Methyl-2-propanol	59	2.456	2.456	0.000	98	24111	200.0	170.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.541	2.541	0.000	96	143092	20.0	20.9	
34 trans-1,2-Dichloroethene	96	2.572	2.572	0.000	97	50821	20.0	20.8	
35 Acrylonitrile	53	2.626	2.626	0.000	92	177145	200.0	201.8	
36 Hexane	57	2.693	2.693	0.000	92	58782	20.0	23.9	
37 Isopropyl ether	45	2.864	2.864	0.000	97	219794	20.0	22.6	
38 1,1-Dichloroethane	63	2.900	2.900	0.000	99	115348	20.0	23.6	
39 Vinyl acetate	43	2.906	2.906	0.000	100	271887	40.0	55.4	
40 2-Chloro-1,3-butadiene	88	2.937	2.937	0.000	94	45741	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.137	3.137	0.000	87	164968	20.0	20.2	
* 43 2-Butanone-d5	46	3.314	3.314	0.000	97	307270	250.0	250.0	
42 2,2-Dichloropropane	79	3.326	3.326	0.000	95	27804	20.0	21.6	
44 cis-1,2-Dichloroethene	96	3.350	3.350	0.000	91	56298	20.0	20.5	
46 2-Butanone (MEK)	72	3.362	3.362	0.000	94	22100	100.0	91.3	
45 Ethyl acetate	70	3.368	3.368	0.000	96	9933	40.0	32.7	
47 Methyl acrylate	55	3.417	3.417	0.000	99	45536	20.0	20.3	
48 Propionitrile	54	3.484	3.484	0.000	97	57552	200.0	198.6	
50 Chlorobromomethane	128	3.551	3.551	0.000	97	27903	20.0	21.4	
49 Tetrahydrofuran	72	3.557	3.557	0.000	86	9349	40.0	31.4	
51 Methacrylonitrile	67	3.575	3.575	0.000	97	198115	200.0	214.4	
52 Chloroform	83	3.599	3.599	0.000	97	103111	20.0	22.7	
53 Cyclohexane	84	3.715	3.715	0.000	97	61595	20.0	20.4	
54 1,1,1-Trichloroethane	97	3.727	3.727	0.000	98	82822	20.0	21.3	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.745	0.000	96	128903	50.0	55.1	
56 Carbon tetrachloride	117	3.843	3.843	0.000	96	70355	20.0	20.5	
57 1,1-Dichloropropene	75	3.873	3.873	0.000	94	73443	20.0	19.5	
58 Isobutyl alcohol	43	4.001	4.001	0.000	91	49205	500.0	427.6	
59 Isooctane	57	4.025	4.025	0.000	97	97767	20.0	20.2	
60 Benzene	78	4.056	4.056	0.000	98	210279	20.0	19.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.074	0.000	0	156820	50.0	57.1	
62 Isopropyl acetate	43	4.116	4.116	0.000	94	164535	20.0	19.6	
63 Tert-amyl methyl ether	55	4.116	4.116	0.000	90	40535	20.0	21.9	
64 1,2-Dichloroethane	62	4.147	4.147	0.000	96	82855	20.0	22.0	
65 n-Heptane	57	4.201	4.201	0.000	97	21867	20.0	20.5	
* 66 Fluorobenzene	96	4.335	4.335	0.000	98	518294	50.0	50.0	
68 Trichloroethene	95	4.682	4.682	0.000	97	52748	20.0	18.6	
69 Methylcyclohexane	83	4.804	4.804	0.000	85	55721	20.0	19.8	
67 n-Butanol	56	4.670	4.670	0.000	25	9385	500.0	313.2	a
70 Ethyl acrylate	55	4.816	4.816	0.000	97	112110	20.0	19.0	
71 1,2-Dichloropropane	63	4.974	4.974	0.000	88	60270	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.047	5.047	0.000	0	20537	1000.0	1000.0	
73 Methyl methacrylate	100	5.065	5.065	0.000	94	20799	40.0	35.1	
75 1,4-Dioxane	88	5.108	5.108	0.000	33	2669	400.0	279.0	
74 Dibromomethane	93	5.108	5.108	0.000	97	36059	20.0	20.4	
76 n-Propyl acetate	43	5.126	5.126	0.000	99	78431	20.0	19.2	
77 Dichlorobromomethane	83	5.266	5.266	0.000	98	73921	20.0	20.4	
78 2-Nitropropane	41	5.624	5.624	0.000	81	20582	40.0	26.3	
79 2-Chloroethyl vinyl ether	63	5.631	5.631	0.000	84	27246	20.0	16.1	
80 Epichlorohydrin	57	5.740	5.740	0.000	99	71641	400.0	325.3	
81 cis-1,3-Dichloropropene	75	5.795	5.795	0.000	96	89490	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.977	5.977	0.000	99	245931	100.0	84.3	
$ 83 Toluene-d8 (Surr)	98	6.050	6.050	0.000	98	428215	50.0	50.5	
84 Toluene	91	6.135	6.135	0.000	93	203938	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.537	6.537	0.000	97	76906	20.0	18.8	
86 Ethyl methacrylate	69	6.579	6.579	0.000	97	53979	20.0	17.0	
87 1,1,2-Trichloroethane	83	6.768	6.768	0.000	95	41342	20.0	20.1	
88 Tetrachloroethene	166	6.798	6.798	0.000	96	56537	20.0	22.2	
89 1,3-Dichloropropane	76	6.999	6.999	0.000	97	73241	20.0	19.2	
90 2-Hexanone	58	7.090	7.090	0.000	98	70819	100.0	75.8	
91 n-Butyl acetate	43	7.236	7.236	0.000	96	79976	20.0	18.7	
92 Chlorodibromomethane	129	7.254	7.254	0.000	98	49510	20.0	19.5	
93 Ethylene Dibromide	107	7.412	7.412	0.000	98	45569	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.002	8.002	0.000	88	360334	50.0	50.0	
95 Chlorobenzene	112	8.039	8.039	0.000	95	125119	20.0	19.9	
96 Ethylbenzene	106	8.148	8.148	0.000	99	62075	20.0	18.7	
97 1,1,1,2-Tetrachloroethane	131	8.160	8.160	0.000	94	46423	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.300	8.300	0.000	0	74030	20.0	18.3	
99 o-Xylene	106	8.750	8.750	0.000	92	70967	20.0	18.0	
100 n-Butyl acrylate	73	8.769	8.769	0.000	95	31605	20.0	16.7	
101 Styrene	104	8.787	8.787	0.000	94	121652	20.0	18.8	
103 Bromoform	173	8.994	8.994	0.000	95	29181	20.0	18.6	
102 Amyl acetate (mixed isomers)	43	9.012	9.012	0.000	86	82064	20.0	17.6	
104 Isopropylbenzene	105	9.133	9.133	0.000	97	162420	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.328	9.328	0.000	93	122160	50.0	50.5	
106 Bromobenzene	156	9.456	9.456	0.000	93	52654	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	9.523	9.523	0.000	98	50446	20.0	19.2	
108 N-Propylbenzene	91	9.535	9.535	0.000	99	187831	20.0	18.8	
109 1,2,3-Trichloropropane	110	9.559	9.559	0.000	96	12212	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	9.590	9.590	0.000	86	14571	20.0	18.0	
111 2-Chlorotoluene	91	9.632	9.632	0.000	98	139778	20.0	19.2	
112 4-Ethyltoluene	105	9.650	9.650	0.000	97	156358	20.0	18.8	
113 1,3,5-Trimethylbenzene	105	9.717	9.717	0.000	92	132120	20.0	18.8	
114 4-Chlorotoluene	91	9.748	9.748	0.000	98	132214	20.0	18.8	
115 Butyl Methacrylate	87	9.833	9.833	0.000	97	47817	20.0	16.1	
116 tert-Butylbenzene	119	9.997	9.997	0.000	92	97864	20.0	18.6	
117 1,2,4-Trimethylbenzene	105	10.052	10.052	0.000	99	134913	20.0	18.3	
118 sec-Butylbenzene	105	10.192	10.192	0.000	99	134630	20.0	18.8	
120 1,3-Dichlorobenzene	146	10.313	10.313	0.000	95	83086	20.0	19.2	
119 4-Isopropyltoluene	119	10.319	10.319	0.000	97	113391	20.0	18.6	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.380	0.000	95	180468	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.398	10.398	0.000	96	87339	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.423	10.423	0.000	99	145430	20.0	18.8	
124 Benzyl chloride	91	10.526	10.526	0.000	98	82567	20.0	17.2	
125 2,3-Dihydroindene	117	10.581	10.581	0.000	95	144139	20.0	18.8	
126 p-Diethylbenzene	119	10.642	10.642	0.000	92	67818	20.0	18.9	
127 n-Butylbenzene	92	10.666	10.666	0.000	98	57436	20.0	19.8	
128 1,2-Dichlorobenzene	146	10.708	10.708	0.000	96	83456	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.268	11.268	0.000	97	104848	20.0	17.6	
130 1,2-Dibromo-3-Chloropropane	157	11.347	11.347	0.000	94	8314	20.0	16.4	
131 1,3,5-Trichlorobenzene	180	11.463	11.463	0.000	97	51095	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	11.937	11.937	0.000	93	45082	20.0	18.5	
133 Hexachlorobutadiene	225	12.016	12.016	0.000	96	16750	20.0	20.4	
134 Naphthalene	128	12.119	12.119	0.000	99	102155	20.0	15.1	
135 1,2,3-Trichlorobenzene	180	12.296	12.296	0.000	96	37035	20.0	16.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	36.3	
S 138 Total BTEX	1				0		100.0	93.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00152	Amount Added: 4.00	Units: uL		
GASES Li_00527	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00238	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 03-May-2023 07:42:43 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89616.D

Injection Date: 03-May-2023 07:17:30 Instrument ID: CVOAMS8 Operator ID:

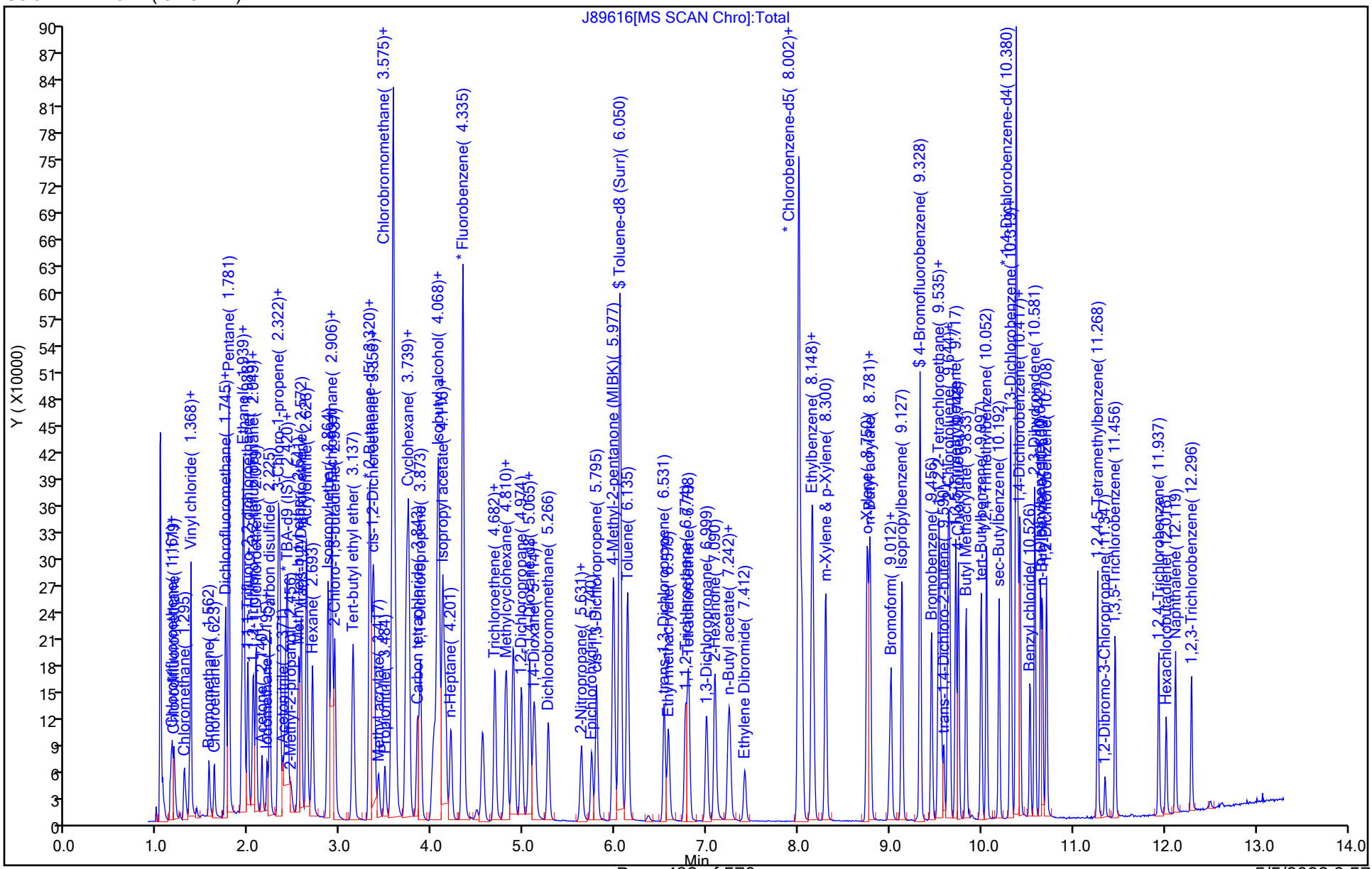
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

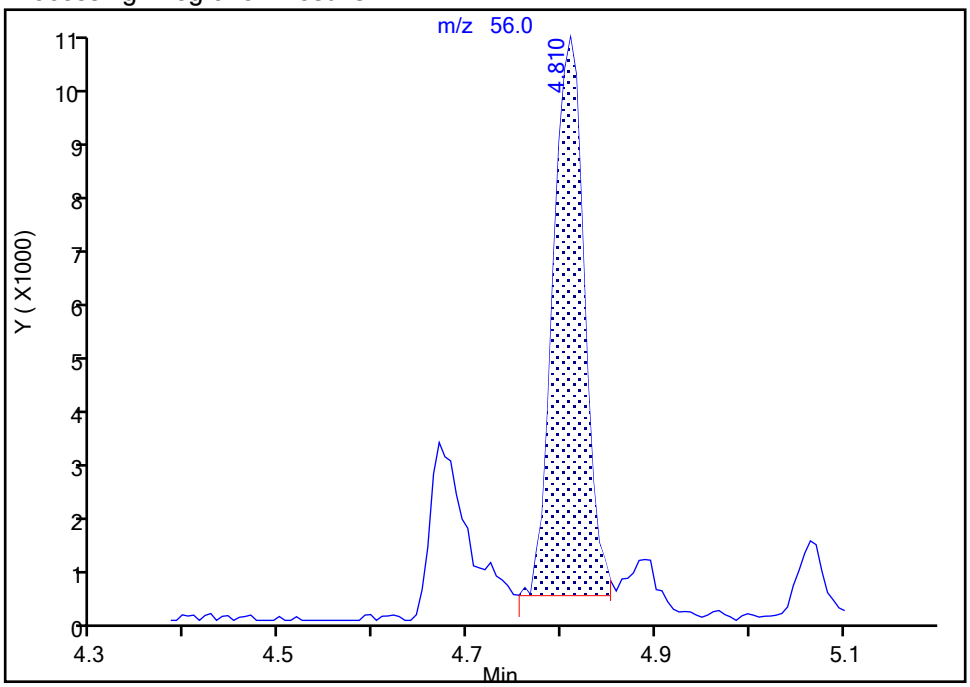
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89616.D
Injection Date: 03-May-2023 07:17:30 Instrument ID: CVOAMS8
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

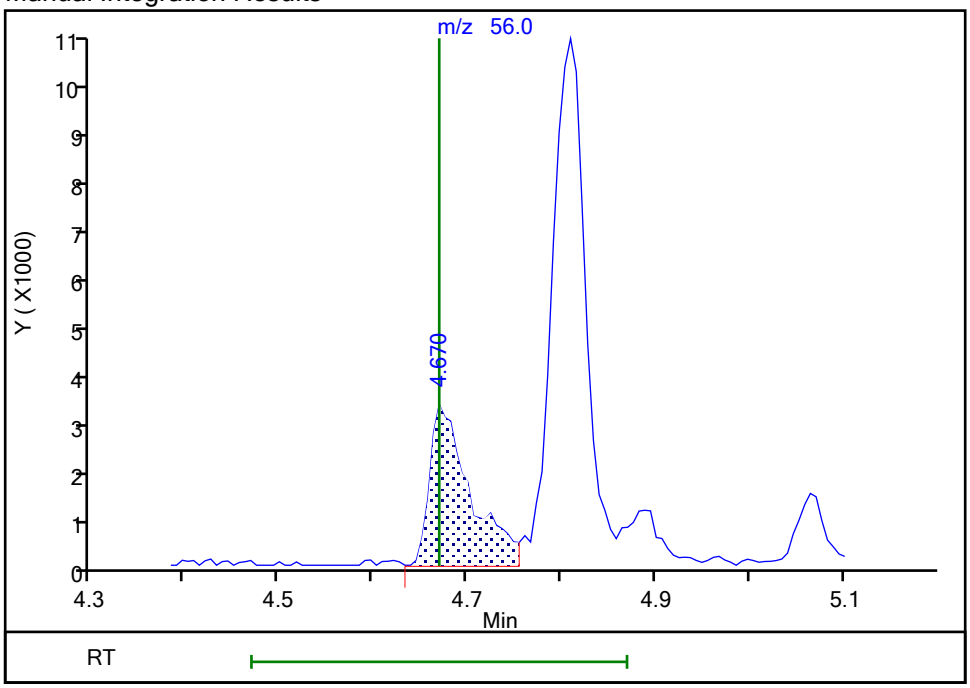
Processing Integration Results

RT: 4.81
Area: 22581
Amount: 747.8030
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 9385
Amount: 313.1638
Amount Units: ug/l



Reviewer: KG2Q, 03-May-2023 07:42:07
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Apr-2023 23:30:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0159076-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Apr-2023 19:42:18	Calib Date:	14-Apr-2023 03:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1624				
First Level Reviewer: HVW2		Date:	14-Apr-2023 00:07:37		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 139 BFB

QC Flag Legend

Review Flags
a - User Assigned ID

Reagents:

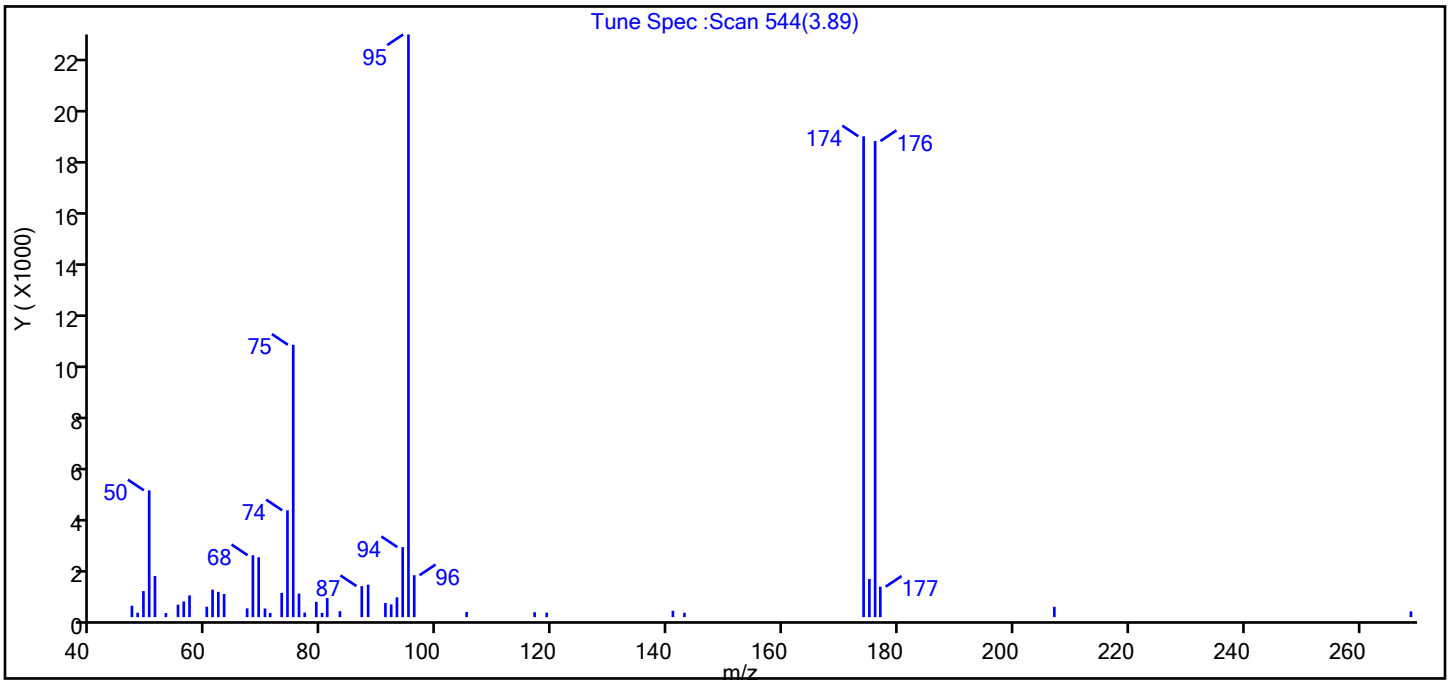
BFB_00033 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D
Injection Date: 13-Apr-2023 23:30:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (121.2)
96	5 to 9% of m/z 95	7.2
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	82.5
175	5 to 9% of m/z 174	6.6 (7.9)
176	95 to 105% of m/z 174	81.7 (99.0)
177	5 to 10% of m/z 176	5.2 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D\8260_W8.rslt\spectra.d
Injection Date: 13-Apr-2023 23:30:30
Spectrum: Tune Spec :Scan 544(3.89)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
47.00	438	63.00	891	80.00	162	117.00	190
48.00	169	67.00	337	81.00	735	119.00	172
49.00	1003	68.00	2380	83.00	229	141.00	244
50.00	4873	69.00	2302	87.00	1193	143.00	169
51.00	1581	70.00	333	88.00	1248	174.00	18480
53.00	157	71.00	162	91.00	545	175.00	1467
55.00	480	73.00	933	92.00	488	176.00	18296
56.00	603	74.00	4106	93.00	761	177.00	1170
57.00	835	75.00	10468	94.00	2691	207.00	397
60.00	402	76.00	907	95.00	22392	269.00	221
61.00	1057	77.00	176	96.00	1611		
62.00	973	79.00	589	105.00	201		

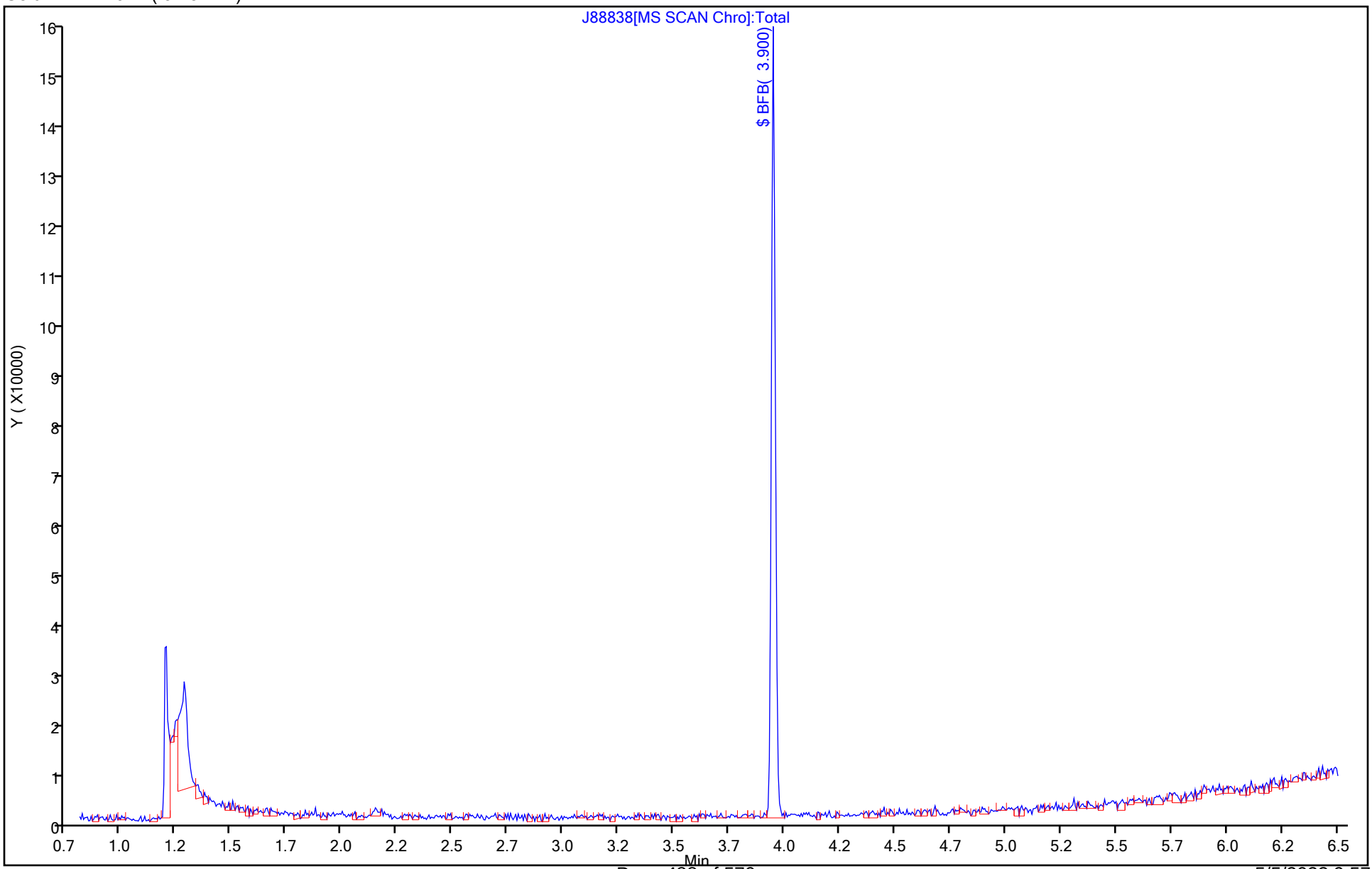
Report Date: 14-Apr-2023 19:42:18 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D

Injection Date:	13-Apr-2023 23:30:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-906605/8

Matrix: Water | Lab File ID: J89594.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/02/2023 22:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-906605/8

Matrix: Water Lab File ID: J89594.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2023 22:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89594.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-May-2023 22:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159945-008
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:42:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.225	2.226	-0.001	99	1765		0.2116	
* 30 TBA-d9 (IS)	65	2.402	2.403	-0.001	75	210111	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	85	335593	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.747	-0.001	95	132673	50.0	54.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	165841	50.0	57.8	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	98	541585	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.047	5.054	-0.007	0	20794	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.050	6.051	-0.001	98	424293	50.0	49.3	
* 94 Chlorobenzene-d5	117	8.003	8.004	-0.001	89	365682	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	115841	50.0	47.2	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	173901	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

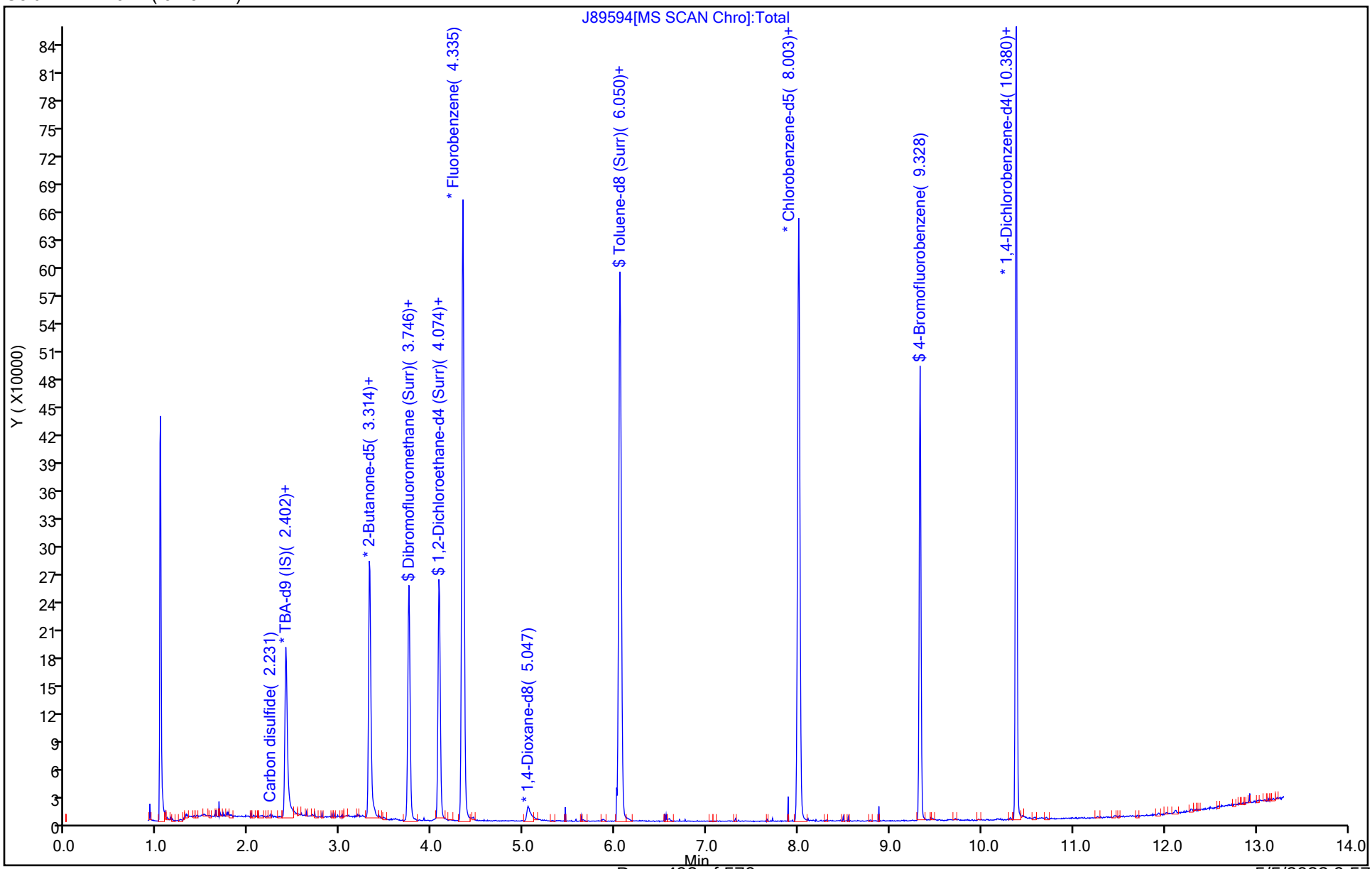
Report Date: 03-May-2023 09:53:35 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89594.D

Injection Date:	02-May-2023 22:22:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89594.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-May-2023 22:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159945-008
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:42:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.2	108.50
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.8	115.65
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.52
$ 105 4-Bromofluorobenzene	50.0	47.2	94.47

Manual Integration/User Assign Peak Report

Eurofins Edison

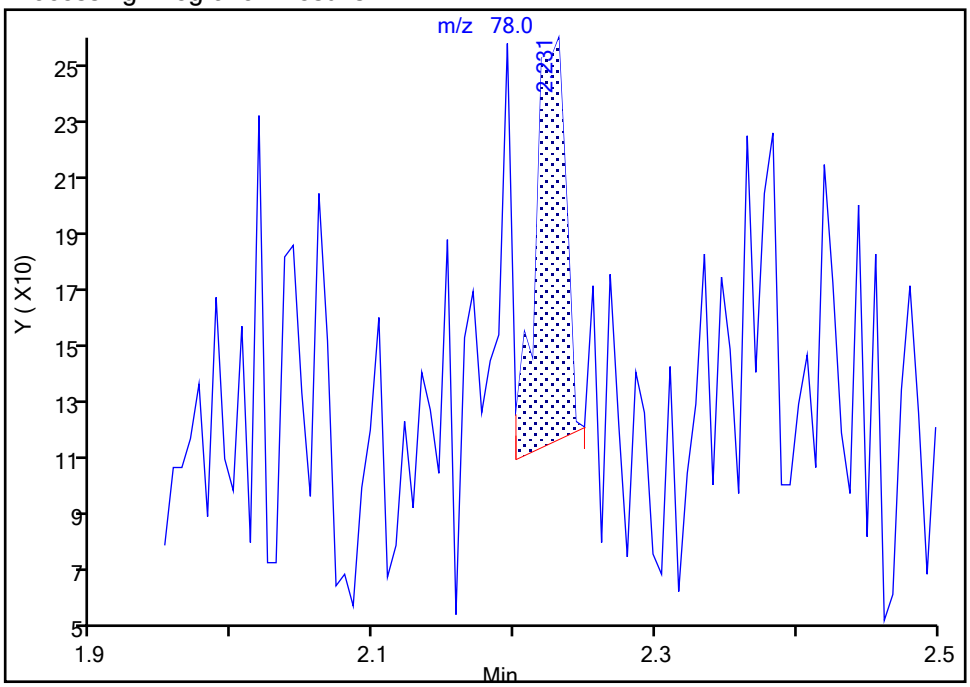
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89594.D
Injection Date: 02-May-2023 22:22:30 Instrument ID: CVOAMS8
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Carbon disulfide, CAS: 75-15-0

Signal: 2

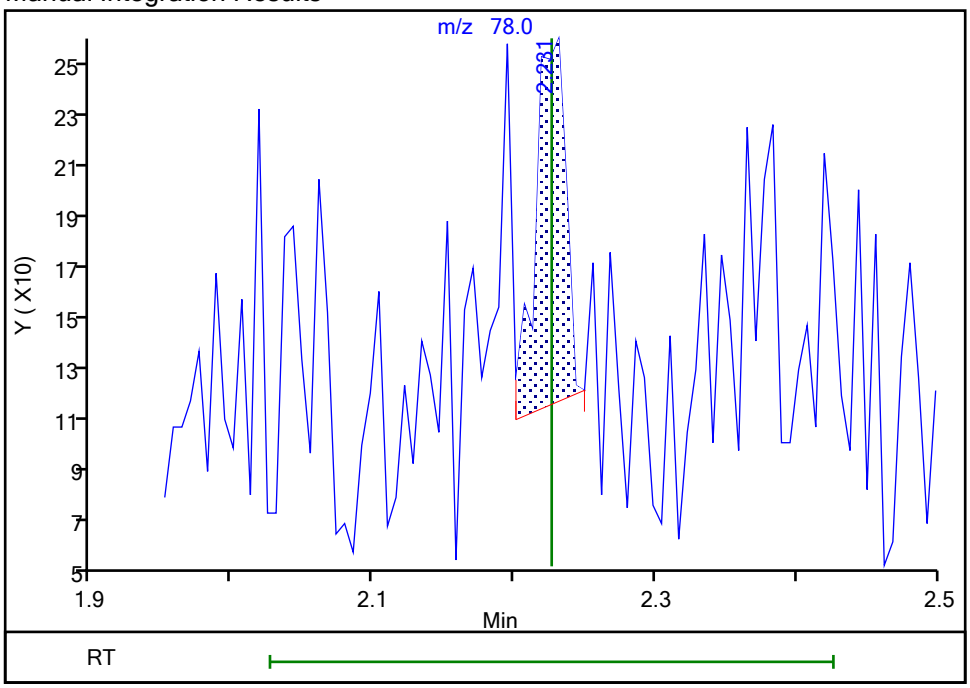
Processing Integration Results

RT: 2.23
Area: 210
Amount: 0.211613
Amount Units: ug/l



Manual Integration Results

RT: 2.23
Area: 210
Amount: 0.211613
Amount Units: ug/l



Reviewer: HVW2, 03-May-2023 00:41:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-906691/9

Matrix: Water | Lab File ID: J89623.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 10:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-906691/9

Matrix: Water Lab File ID: J89623.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2023 10:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89623.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-May-2023 10:12:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159967-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 10:44:31 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 10:44:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.225	2.225	0.000	95	1393		0.1753	
* 30 TBA-d9 (IS)	65	2.402	2.401	0.001	75	197959	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.314	3.314	0.000	85	313736	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.745	0.000	95	128335	50.0	55.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.074	0.000	0	156322	50.0	57.2	
* 66 Fluorobenzene	96	4.335	4.335	0.000	98	516075	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.047	5.047	0.000	0	19710	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.050	6.050	0.000	98	408008	50.0	49.5	
* 94 Chlorobenzene-d5	117	8.002	8.002	0.000	88	350297	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.328	9.328	0.000	94	112849	50.0	48.0	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.380	0.000	96	170436	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

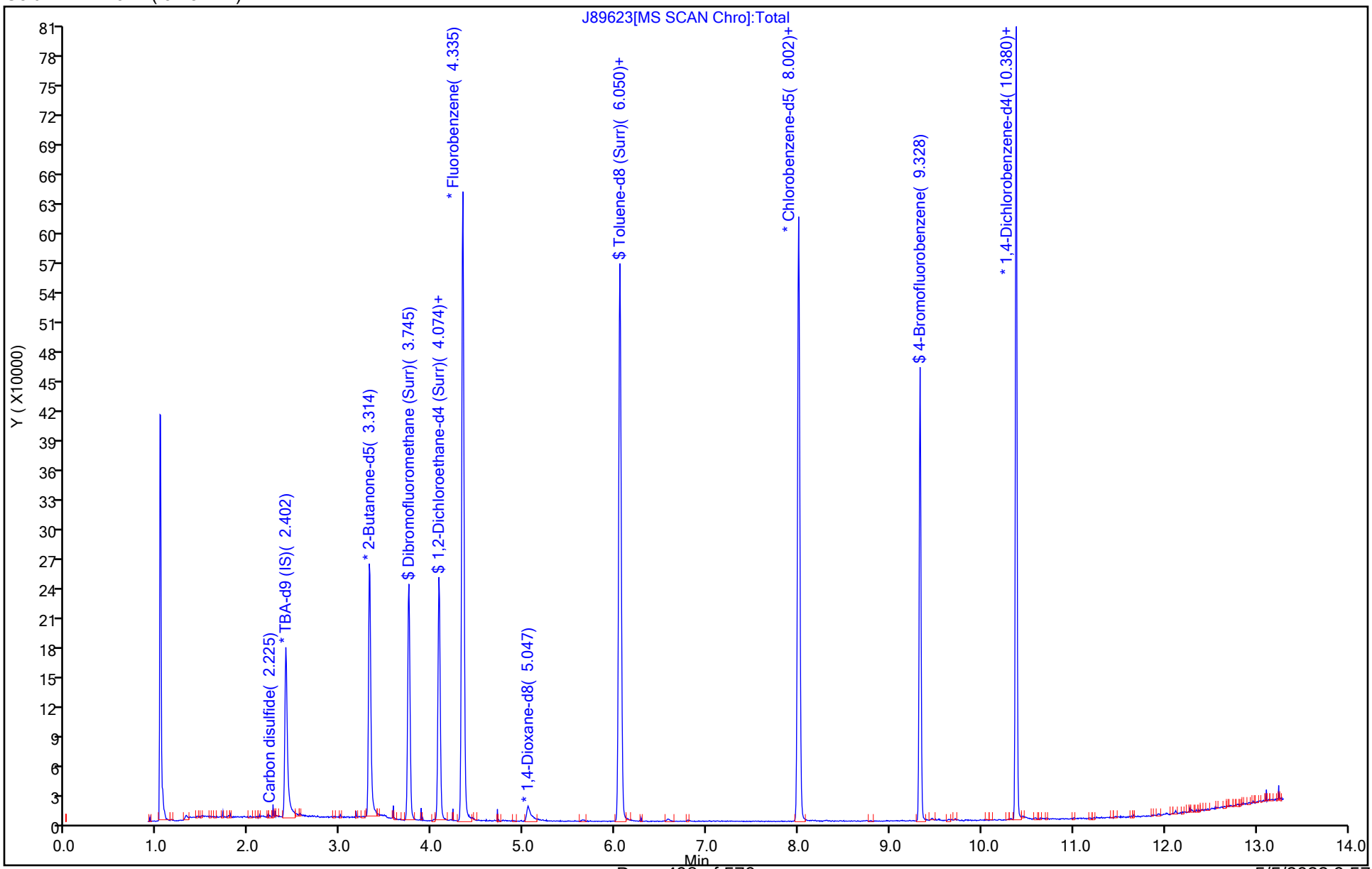
Report Date: 03-May-2023 10:44:31 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89623.D

Injection Date:	03-May-2023 10:12:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89623.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-May-2023 10:12:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159967-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 10:44:31 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 10:44:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	55.1	110.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.2	114.40
$ 83 Toluene-d8 (Surr)	50.0	49.5	98.90
$ 105 4-Bromofluorobenzene	50.0	48.0	96.07

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-906605/4

Matrix: Water | Lab File ID: J89590.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/02/2023 20:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.9		1.0	0.20
75-34-3	1,1-Dichloroethane	26.2		1.0	0.26
75-35-4	1,1-Dichloroethene	23.8		1.0	0.26
107-06-2	1,2-Dichloroethane	23.7		1.0	0.43
78-87-5	1,2-Dichloropropane	22.3		1.0	0.35
591-78-6	2-Hexanone	88.4		5.0	1.1
67-64-1	Acetone	93.5		5.0	4.4
71-43-2	Benzene	20.9		1.0	0.20
75-27-4	Bromodichloromethane	22.2		1.0	0.34
75-25-2	Bromoform	20.7		1.0	0.54
74-83-9	Bromomethane	26.3		1.0	0.55
75-15-0	Carbon disulfide	25.6		1.0	0.82
56-23-5	Carbon tetrachloride	21.8		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
75-00-3	Chloroethane	26.0		1.0	0.32
67-66-3	Chloroform	24.6		1.0	0.33
74-87-3	Chloromethane	23.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.22
124-48-1	Dibromochloromethane	21.1		1.0	0.28
100-41-4	Ethylbenzene	20.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	102		5.0	1.9
108-10-1	methyl isobutyl ketone	95.3		5.0	1.3
75-09-2	Methylene Chloride	23.8		1.0	0.32
100-42-5	Styrene	20.5		1.0	0.42
127-18-4	Tetrachloroethene	20.9		1.0	0.25
108-88-3	Toluene	20.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	23.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.22
79-01-6	Trichloroethene	20.6		1.0	0.31
75-01-4	Vinyl chloride	24.7		1.0	0.17
1330-20-7	Xylenes, Total	40.5		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-906605/4

Matrix: Water Lab File ID: J89590.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/02/2023 20:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89590.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2023 20:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159945-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 00:41:31 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:41:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.143	1.138	0.005	90	4107	20.0	17.7	
4 Dichlorodifluoromethane	85	1.167	1.162	0.005	98	55952	20.0	21.5	
5 Chlorodifluoromethane	67	1.179	1.180	-0.001	97	10154	20.0	24.0	
6 Chloromethane	50	1.295	1.296	-0.001	99	72820	20.0	23.7	
7 Vinyl chloride	62	1.355	1.351	0.004	98	73944	20.0	24.7	
8 Butadiene	54	1.368	1.369	-0.001	92	74692	20.0	24.3	
9 Bromomethane	94	1.562	1.563	-0.001	99	34198	20.0	26.3	
10 Chloroethane	64	1.623	1.618	0.005	98	39615	20.0	26.0	
12 Dichlorofluoromethane	67	1.739	1.740	-0.001	98	113992	20.0	26.1	
11 Trichlorofluoromethane	101	1.751	1.752	-0.001	97	94660	20.0	26.5	
13 Pentane	43	1.781	1.782	-0.001	96	245652	40.0	59.1	
14 Ethanol	46	1.878	1.880	-0.002	98	6926	800.0	2234.6	
15 Ethyl ether	59	1.921	1.922	-0.001	90	54371	20.0	25.4	
16 2-Methyl-1,3-butadiene	53	1.939	1.934	0.005	95	67879	20.0	26.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.945	1.947	-0.002	97	45000	20.0	24.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.988	1.989	-0.001	98	89201	20.0	25.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.044	-0.001	97	57632	20.0	24.6	
19 Acrolein	56	2.049	2.050	-0.001	96	13363	40.0	37.3	
21 1,1-Dichloroethene	96	2.079	2.080	-0.001	93	53904	20.0	23.8	
22 Acetone	43	2.140	2.141	-0.001	84	81085	100.0	93.5	
23 Iodomethane	142	2.201	2.202	-0.001	100	62776	20.0	20.6	
25 Isopropyl alcohol	45	2.201	2.202	-0.001	99	34368	200.0	403.0	
24 Carbon disulfide	76	2.225	2.226	-0.001	100	220776	20.0	25.6	
26 3-Chloro-1-propene	76	2.322	2.324	-0.002	92	38038	20.0	25.3	
28 Methyl acetate	43	2.328	2.324	0.004	98	112222	40.0	46.7	
27 Cyclopentene	67	2.341	2.342	-0.001	95	137752	20.0	24.3	
29 Acetonitrile	41	2.371	2.372	-0.001	98	89334	200.0	289.4	
* 30 TBA-d9 (IS)	65	2.401	2.403	-0.002	75	223174	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.421	-0.001	97	62140	20.0	23.8	
32 2-Methyl-2-propanol	59	2.462	2.457	0.005	98	46060	200.0	287.8	
33 Methyl tert-butyl ether	73	2.541	2.543	-0.002	96	172903	20.0	23.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.572	2.573	-0.001	97	60747	20.0	23.0	
35 Acrylonitrile	53	2.626	2.628	-0.002	93	228836	200.0	230.0	
36 Hexane	57	2.693	2.695	-0.002	93	67097	20.0	25.3	
37 Isopropyl ether	45	2.864	2.865	-0.001	97	266184	20.0	25.3	
38 1,1-Dichloroethane	63	2.900	2.901	-0.001	99	138210	20.0	26.2	
39 Vinyl acetate	43	2.906	2.907	-0.001	100	323604	40.0	61.0	
40 2-Chloro-1,3-butadiene	88	2.937	2.938	-0.001	94	55255	20.0	22.7	
41 Tert-butyl ethyl ether	59	3.137	3.139	-0.002	87	210698	20.0	23.9	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	97	355024	250.0	250.0	
42 2,2-Dichloropropane	79	3.326	3.327	-0.001	96	33076	20.0	23.7	
44 cis-1,2-Dichloroethene	96	3.350	3.351	-0.001	90	63506	20.0	21.4	
46 2-Butanone (MEK)	72	3.368	3.370	-0.002	94	28586	100.0	102.2	
45 Ethyl acetate	70	3.368	3.370	-0.002	96	12162	40.0	34.6	
47 Methyl acrylate	55	3.417	3.418	-0.001	99	57752	20.0	23.8	
48 Propionitrile	54	3.484	3.485	-0.001	97	80168	200.0	244.0	
50 Chlorobromomethane	128	3.557	3.558	-0.001	97	31439	20.0	22.3	
49 Tetrahydrofuran	72	3.557	3.558	-0.001	96	12163	40.0	35.4	
51 Methacrylonitrile	67	3.575	3.576	-0.001	97	243765	200.0	244.0	
52 Chloroform	83	3.599	3.601	-0.002	97	120982	20.0	24.6	
53 Cyclohexane	84	3.715	3.716	-0.001	98	72827	20.0	22.3	
54 1,1,1-Trichloroethane	97	3.733	3.735	-0.001	97	94861	20.0	22.6	
$ 55 Dibromofluoromethane (Surr)	113	3.745	3.747	-0.002	96	137582	50.0	54.4	
56 Carbon tetrachloride	117	3.843	3.844	-0.001	97	80866	20.0	21.8	
57 1,1-Dichloropropene	75	3.873	3.874	-0.001	93	88239	20.0	21.7	
58 Isobutyl alcohol	43	4.001	4.002	-0.001	94	96823	500.0	742.3	
59 Isooctane	57	4.025	4.026	-0.001	97	131122	20.0	25.0	
60 Benzene	78	4.056	4.057	-0.001	97	245257	20.0	20.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.075	-0.001	0	170056	50.0	57.3	
62 Isopropyl acetate	43	4.116	4.118	-0.002	95	210072	20.0	23.1	
63 Tert-amyl methyl ether	55	4.122	4.118	0.004	91	47709	20.0	23.8	
64 1,2-Dichloroethane	62	4.147	4.148	-0.001	95	96454	20.0	23.7	
65 n-Heptane	57	4.208	4.203	0.005	98	27539	20.0	23.9	
* 66 Fluorobenzene	96	4.335	4.337	-0.002	97	560416	50.0	50.0	
67 n-Butanol	56	4.664	4.665	-0.001	97	25455	500.0	743.7	
68 Trichloroethene	95	4.688	4.683	0.005	97	63045	20.0	20.6	
69 Methylcyclohexane	83	4.804	4.805	-0.001	86	65951	20.0	21.7	
70 Ethyl acrylate	55	4.816	4.811	0.005	97	139565	20.0	21.9	
71 1,2-Dichloropropane	63	4.974	4.975	-0.001	88	74866	20.0	22.3	
* 72 1,4-Dioxane-d8	96	5.047	5.054	-0.007	0	23250	1000.0	1000.0	
73 Methyl methacrylate	100	5.065	5.066	-0.001	94	25518	40.0	39.8	
75 1,4-Dioxane	88	5.108	5.109	-0.001	37	9638	400.0	890.0	
74 Dibromomethane	93	5.108	5.109	-0.001	96	42151	20.0	22.1	
76 n-Propyl acetate	43	5.126	5.127	-0.001	99	102125	20.0	23.2	
77 Dichlorobromomethane	83	5.266	5.267	-0.001	98	87028	20.0	22.2	
78 2-Nitropropane	41	5.625	5.626	-0.001	80	25479	40.0	28.8	
79 2-Chloroethyl vinyl ether	63	5.631	5.638	-0.007	84	36651	20.0	20.0	
80 Epichlorohydrin	57	5.740	5.741	-0.001	98	100680	400.0	395.7	
81 cis-1,3-Dichloropropene	75	5.795	5.796	-0.001	96	108630	20.0	21.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.983	5.979	0.005	98	321050	100.0	95.3	
$ 83 Toluene-d8 (Surr)	98	6.050	6.051	-0.001	98	466961	50.0	50.2	
84 Toluene	91	6.135	6.137	-0.002	93	240327	20.0	20.7	
85 trans-1,3-Dichloropropene	75	6.531	6.538	-0.007	98	94203	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.579	6.581	-0.002	97	69392	20.0	20.2	
87 1,1,2-Trichloroethane	83	6.768	6.769	-0.001	95	49362	20.0	21.9	
88 Tetrachloroethene	166	6.798	6.799	-0.001	95	58296	20.0	20.9	
89 1,3-Dichloropropane	76	6.999	7.000	-0.001	98	92028	20.0	22.0	
90 2-Hexanone	58	7.090	7.091	-0.001	98	95502	100.0	88.4	
91 n-Butyl acetate	43	7.230	7.237	-0.007	96	103506	20.0	22.0	
92 Chlorodibromomethane	129	7.254	7.250	0.004	98	58676	20.0	21.1	
93 Ethylene Dibromide	107	7.412	7.414	-0.002	98	53748	20.0	21.1	
* 94 Chlorobenzene-d5	117	8.002	8.004	-0.002	89	394847	50.0	50.0	
95 Chlorobenzene	112	8.039	8.040	-0.001	94	148278	20.0	21.5	
96 Ethylbenzene	106	8.148	8.150	-0.002	99	73391	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.160	8.162	-0.002	95	53167	20.0	21.1	
98 m-Xylene & p-Xylene	106	8.294	8.302	-0.008	0	89289	20.0	20.2	
99 o-Xylene	106	8.750	8.752	-0.002	93	88020	20.0	20.4	
100 n-Butyl acrylate	73	8.769	8.770	-0.001	95	41780	20.0	20.1	
101 Styrene	104	8.787	8.788	-0.001	93	145922	20.0	20.5	
103 Bromoform	173	8.994	8.995	-0.001	95	35697	20.0	20.7	
102 Amyl acetate (mixed isomers)	43	9.012	9.013	-0.001	87	108430	20.0	22.1	
104 Isopropylbenzene	105	9.127	9.129	-0.002	97	198039	20.0	20.9	
$ 105 4-Bromofluorobenzene	174	9.328	9.329	-0.001	92	129162	50.0	48.8	
106 Bromobenzene	156	9.456	9.457	-0.001	94	61399	20.0	21.6	
107 1,1,2,2-Tetrachloroethane	83	9.523	9.524	-0.001	98	61853	20.0	22.4	
108 N-Propylbenzene	91	9.541	9.536	0.005	98	230999	20.0	22.0	
109 1,2,3-Trichloropropane	110	9.565	9.560	0.005	97	14512	20.0	21.9	
110 trans-1,4-Dichloro-2-butene	53	9.583	9.591	-0.008	87	18561	20.0	21.8	
111 2-Chlorotoluene	91	9.632	9.633	-0.001	98	168764	20.0	22.1	
112 4-Ethyltoluene	105	9.650	9.652	-0.002	98	186747	20.0	21.4	
113 1,3,5-Trimethylbenzene	105	9.717	9.719	-0.002	92	155972	20.0	21.1	
114 4-Chlorotoluene	91	9.748	9.749	-0.001	98	153913	20.0	20.9	
115 Butyl Methacrylate	87	9.833	9.834	-0.001	97	61654	20.0	19.8	
116 tert-Butylbenzene	119	9.997	9.998	-0.001	92	118818	20.0	21.4	
117 1,2,4-Trimethylbenzene	105	10.052	10.053	-0.001	99	163527	20.0	21.1	
118 sec-Butylbenzene	105	10.192	10.193	-0.001	99	164197	20.0	21.9	
120 1,3-Dichlorobenzene	146	10.313	10.315	-0.001	95	96856	20.0	21.4	
119 4-Isopropyltoluene	119	10.319	10.321	-0.002	97	135562	20.0	21.1	
* 121 1,4-Dichlorobenzene-d4	152	10.380	10.381	-0.001	96	189626	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.398	10.400	-0.002	95	101651	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	10.423	10.418	0.005	99	173076	20.0	21.3	
124 Benzyl chloride	91	10.526	10.527	-0.001	98	100782	20.0	20.0	
125 2,3-Dihydroindene	117	10.581	10.582	-0.001	94	166984	20.0	20.7	
126 p-Diethylbenzene	119	10.642	10.643	-0.001	92	80287	20.0	21.4	
127 n-Butylbenzene	92	10.666	10.661	0.005	98	70492	20.0	23.1	
128 1,2-Dichlorobenzene	146	10.709	10.710	-0.001	95	95552	20.0	21.6	
129 1,2,4,5-Tetramethylbenzene	119	11.268	11.269	-0.001	97	128299	20.0	20.5	
130 1,2-Dibromo-3-Chloropropane	157	11.347	11.354	-0.007	94	11367	20.0	21.4	
131 1,3,5-Trichlorobenzene	180	11.457	11.458	-0.001	96	59259	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	11.937	11.938	-0.001	94	55777	20.0	21.8	
133 Hexachlorobutadiene	225	12.016	12.017	-0.001	96	20409	20.0	23.6	
134 Naphthalene	128	12.119	12.121	-0.002	99	156562	20.0	22.1	
135 1,2,3-Trichlorobenzene	180	12.296	12.297	-0.001	95	52459	20.0	22.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 137 Xylenes, Total	100				0		40.0	40.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	102.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
GASES Li_00527	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-May-2023 00:41:32 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89590.D

Injection Date: 02-May-2023 20:42:30 Instrument ID: CVOAMS8 Operator ID:

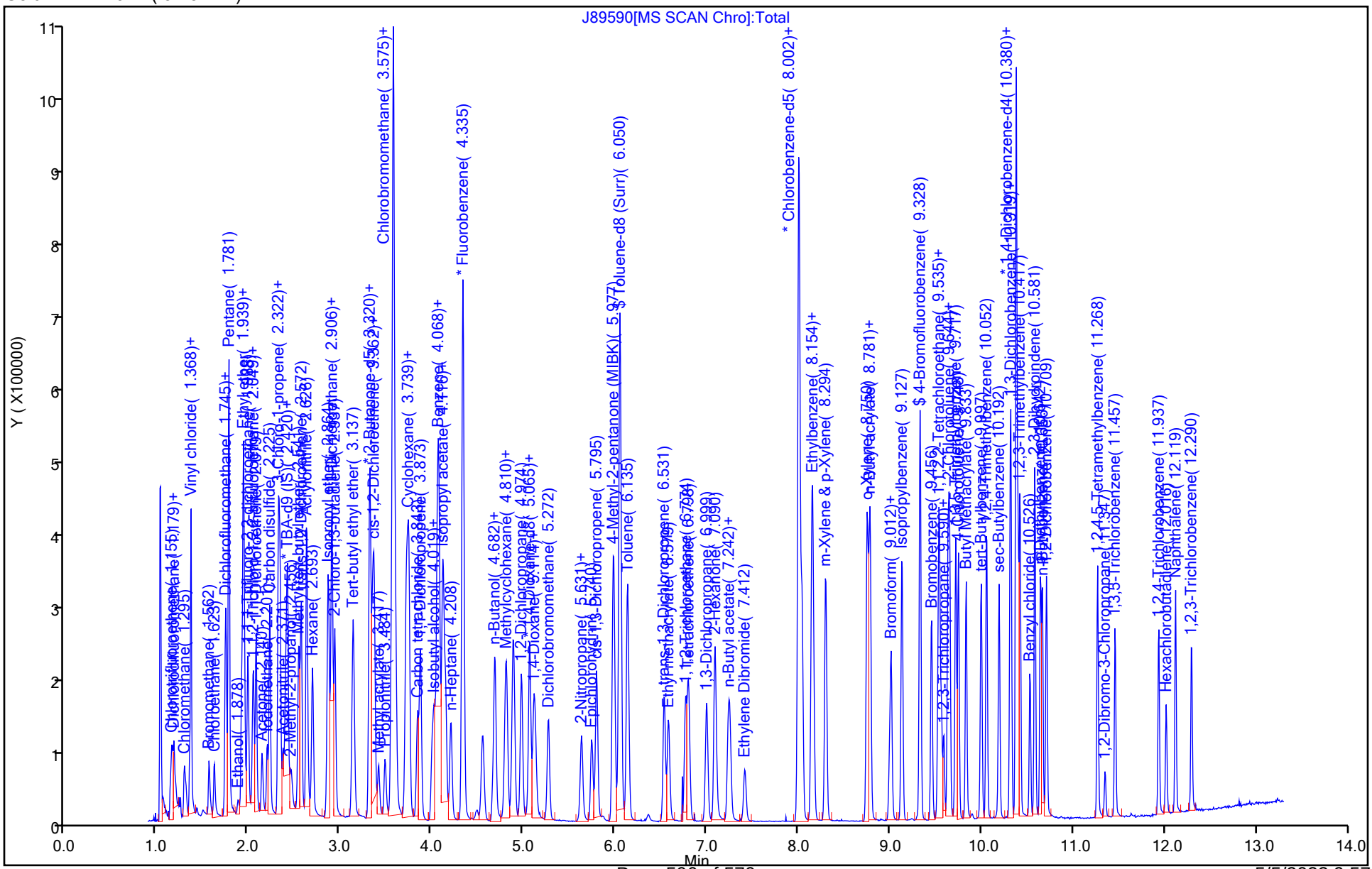
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89590.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-May-2023 20:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159945-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 00:41:31 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 00:41:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.4	108.73
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.3	114.61
$ 83 Toluene-d8 (Surr)	50.0	50.2	100.42
$ 105 4-Bromofluorobenzene	50.0	48.8	97.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-906691/3

Matrix: Water | Lab File ID: J89617.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 07:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.20
75-34-3	1,1-Dichloroethane	23.0		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
591-78-6	2-Hexanone	74.6		5.0	1.1
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	18.6		1.0	0.20
75-27-4	Bromodichloromethane	19.7		1.0	0.34
75-25-2	Bromoform	18.5		1.0	0.54
74-83-9	Bromomethane	21.7		1.0	0.55
75-15-0	Carbon disulfide	21.9		1.0	0.82
56-23-5	Carbon tetrachloride	19.6		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	20.9		1.0	0.32
67-66-3	Chloroform	21.8		1.0	0.33
74-87-3	Chloromethane	17.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.22
124-48-1	Dibromochloromethane	18.7		1.0	0.28
100-41-4	Ethylbenzene	17.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	89.8		5.0	1.9
108-10-1	methyl isobutyl ketone	80.8		5.0	1.3
75-09-2	Methylene Chloride	21.7		1.0	0.32
100-42-5	Styrene	17.8		1.0	0.42
127-18-4	Tetrachloroethene	19.8		1.0	0.25
108-88-3	Toluene	18.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.22
79-01-6	Trichloroethene	18.1		1.0	0.31
75-01-4	Vinyl chloride	19.5		1.0	0.17
1330-20-7	Xylenes, Total	34.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-906691/3

Matrix: Water | Lab File ID: J89617.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 07:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89617.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2023 07:42:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0159967-003
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 11:12:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 08:39:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.136	0.001	98	3457	20.0	15.7	
4 Dichlorodifluoromethane	85	1.161	1.161	0.000	99	39317	20.0	15.9	
5 Chlorodifluoromethane	67	1.180	1.179	0.001	97	8440	20.0	21.1	
6 Chloromethane	50	1.295	1.295	0.000	99	51430	20.0	17.7	
7 Vinyl chloride	62	1.350	1.349	0.001	98	55279	20.0	19.5	
8 Butadiene	54	1.368	1.368	0.000	94	56479	20.0	19.4	
9 Bromomethane	94	1.563	1.562	0.001	98	26676	20.0	21.7	
10 Chloroethane	64	1.617	1.617	0.000	98	30075	20.0	20.9	
12 Dichlorofluoromethane	67	1.739	1.739	0.000	99	88917	20.0	21.5	
11 Trichlorofluoromethane	101	1.751	1.751	0.000	98	75536	20.0	22.4	
13 Pentane	43	1.782	1.781	0.001	96	207601	40.0	52.7	
14 Ethanol	46	1.879	1.878	0.001	96	5403	800.0	1893.2	
15 Ethyl ether	59	1.915	1.921	-0.006	90	44357	20.0	21.8	
16 2-Methyl-1,3-butadiene	53	1.934	1.939	-0.005	96	54985	20.0	22.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.946	1.945	0.001	97	42750	20.0	24.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.988	1.988	0.000	97	75346	20.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.043	0.000	95	50574	20.0	22.8	
19 Acrolein	56	2.049	2.049	0.000	94	13656	40.0	41.4	
21 1,1-Dichloroethene	96	2.080	2.079	0.001	93	45619	20.0	21.3	
22 Acetone	43	2.140	2.140	0.000	84	70828	100.0	87.0	
23 Iodomethane	142	2.195	2.195	0.000	100	46464	20.0	16.1	
25 Isopropyl alcohol	45	2.201	2.201	0.000	64	27567	200.0	351.1	
24 Carbon disulfide	76	2.226	2.225	0.001	100	178773	20.0	21.9	
26 3-Chloro-1-propene	76	2.323	2.322	0.001	93	31422	20.0	22.0	
28 Methyl acetate	43	2.323	2.322	0.001	98	95487	40.0	43.1	
27 Cyclopentene	67	2.341	2.341	0.000	94	115608	20.0	21.6	
29 Acetonitrile	41	2.372	2.371	0.001	96	72259	200.0	254.4	
* 30 TBA-d9 (IS)	65	2.402	2.401	0.001	75	205491	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.420	0.000	97	53806	20.0	21.7	
32 2-Methyl-2-propanol	59	2.463	2.456	0.007	98	37609	200.0	255.2	
33 Methyl tert-butyl ether	73	2.542	2.541	0.001	96	145438	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.572	2.572	0.000	98	52902	20.0	21.1	
35 Acrylonitrile	53	2.627	2.626	0.001	92	193951	200.0	211.7	
36 Hexane	57	2.694	2.693	0.001	93	59514	20.0	23.7	
37 Isopropyl ether	45	2.864	2.864	0.000	97	221548	20.0	22.2	
38 1,1-Dichloroethane	63	2.901	2.900	0.001	99	115159	20.0	23.0	
39 Vinyl acetate	43	2.907	2.906	0.001	100	266003	40.0	52.9	
40 2-Chloro-1,3-butadiene	88	2.937	2.937	0.000	94	46654	20.0	20.2	
41 Tert-butyl ethyl ether	59	3.138	3.137	0.001	87	172250	20.0	20.6	
* 43 2-Butanone-d5	46	3.314	3.314	0.000	96	333074	250.0	250.0	
42 2,2-Dichloropropane	79	3.326	3.326	0.000	95	28663	20.0	21.7	
44 cis-1,2-Dichloroethene	96	3.351	3.350	0.001	91	56424	20.0	20.1	
46 2-Butanone (MEK)	72	3.363	3.362	0.001	94	23573	100.0	89.8	
45 Ethyl acetate	70	3.363	3.368	-0.005	95	9846	40.0	29.9	
47 Methyl acrylate	55	3.418	3.417	0.001	99	48855	20.0	21.3	
48 Propionitrile	54	3.484	3.484	0.000	97	65709	200.0	217.2	
50 Chlorobromomethane	128	3.557	3.551	0.006	97	26650	20.0	20.0	
49 Tetrahydrofuran	72	3.557	3.557	0.000	94	10778	40.0	33.4	
51 Methacrylonitrile	67	3.576	3.575	0.001	98	203289	200.0	214.8	
52 Chloroform	83	3.600	3.599	0.001	97	101428	20.0	21.8	
53 Cyclohexane	84	3.716	3.715	0.001	98	61019	20.0	19.7	
54 1,1,1-Trichloroethane	97	3.728	3.727	0.001	98	79938	20.0	20.1	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.745	0.001	96	131383	50.0	54.8	
56 Carbon tetrachloride	117	3.843	3.843	0.000	97	69006	20.0	19.6	
57 1,1-Dichloropropene	75	3.874	3.873	0.001	94	73469	20.0	19.0	
58 Isobutyl alcohol	43	4.001	4.001	0.000	94	66584	500.0	554.4	
59 Isooctane	57	4.026	4.025	0.001	97	110669	20.0	22.3	a
60 Benzene	78	4.056	4.056	0.000	97	206328	20.0	18.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.074	4.074	0.000	0	161294	50.0	57.4	
62 Isopropyl acetate	43	4.117	4.116	0.001	95	170024	20.0	19.8	
63 Tert-amyl methyl ether	55	4.117	4.116	0.001	95	41193	20.0	21.7	
64 1,2-Dichloroethane	62	4.147	4.147	0.000	96	81480	20.0	21.1	
65 n-Heptane	57	4.208	4.201	0.007	96	22307	20.0	20.5	
* 66 Fluorobenzene	96	4.336	4.335	0.001	98	530686	50.0	50.0	
67 n-Butanol	56	4.664	4.670	-0.006	97	21708	500.0	689.5	
68 Trichloroethene	95	4.682	4.682	0.000	97	52632	20.0	18.1	
69 Methylcyclohexane	83	4.804	4.804	0.000	84	56270	20.0	19.5	
70 Ethyl acrylate	55	4.816	4.816	0.000	97	116495	20.0	19.3	
71 1,2-Dichloropropane	63	4.974	4.974	0.000	88	60997	20.0	19.2	
* 72 1,4-Dioxane-d8	96	5.053	5.047	0.006	0	20318	1000.0	1000.0	
73 Methyl methacrylate	100	5.066	5.065	0.001	94	20761	40.0	34.2	
75 1,4-Dioxane	88	5.102	5.108	-0.006	41	7824	400.0	826.7	
74 Dibromomethane	93	5.108	5.108	0.000	95	36622	20.0	20.3	
76 n-Propyl acetate	43	5.126	5.126	0.000	98	83182	20.0	19.9	
77 Dichlorobromomethane	83	5.266	5.266	0.000	98	72924	20.0	19.7	
78 2-Nitropropane	41	5.625	5.624	0.001	81	20944	40.0	25.7	
79 2-Chloroethyl vinyl ether	63	5.637	5.631	0.006	85	28055	20.0	16.2	
80 Epichlorohydrin	57	5.741	5.740	0.001	99	80278	400.0	336.3	
81 cis-1,3-Dichloropropene	75	5.795	5.795	0.000	96	88914	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.978	5.977	0.001	98	255384	100.0	80.8	
$ 83 Toluene-d8 (Surr)	98	6.051	6.050	0.001	98	430884	50.0	49.0	
84 Toluene	91	6.136	6.135	0.001	93	198449	20.0	18.0	
85 trans-1,3-Dichloropropene	75	6.531	6.537	-0.006	98	74828	20.0	17.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.580	6.579	0.001	97	54735	20.0	16.8	
87 1,1,2-Trichloroethane	83	6.768	6.768	0.000	95	40893	20.0	19.1	
88 Tetrachloroethene	166	6.799	6.798	0.001	96	52245	20.0	19.8	
89 1,3-Dichloropropane	76	6.993	6.999	-0.006	98	74767	20.0	18.9	
90 2-Hexanone	58	7.091	7.090	0.001	98	75630	100.0	74.6	
91 n-Butyl acetate	43	7.231	7.236	-0.005	96	83646	20.0	18.8	
92 Chlorodibromomethane	129	7.249	7.254	-0.005	98	49304	20.0	18.7	
93 Ethylene Dibromide	107	7.413	7.412	0.001	100	44727	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.003	8.002	0.001	88	373625	50.0	50.0	
95 Chlorobenzene	112	8.039	8.039	0.000	94	122160	20.0	18.7	
96 Ethylbenzene	106	8.149	8.148	0.001	99	60389	20.0	17.6	
97 1,1,1,2-Tetrachloroethane	131	8.161	8.160	0.001	94	45050	20.0	18.9	
98 m-Xylene & p-Xylene	106	8.301	8.300	0.001	0	72668	20.0	17.3	
99 o-Xylene	106	8.751	8.750	0.001	93	71053	20.0	17.4	
100 n-Butyl acrylate	73	8.763	8.769	-0.006	94	31656	20.0	16.1	
101 Styrene	104	8.781	8.787	-0.006	94	120075	20.0	17.8	
103 Bromoform	173	8.994	8.994	0.000	95	30208	20.0	18.5	
102 Amyl acetate (mixed isomers)	43	9.012	9.012	0.000	87	85513	20.0	18.3	
104 Isopropylbenzene	105	9.128	9.133	-0.005	97	162496	20.0	18.2	
$ 105 4-Bromofluorobenzene	174	9.329	9.328	0.001	94	123722	50.0	49.4	
106 Bromobenzene	156	9.456	9.456	0.000	93	51692	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	9.523	9.523	0.000	98	52331	20.0	19.9	
108 N-Propylbenzene	91	9.535	9.535	0.000	98	186615	20.0	18.6	
109 1,2,3-Trichloropropane	110	9.560	9.559	0.001	98	12500	20.0	19.8	
110 trans-1,4-Dichloro-2-butene	53	9.584	9.590	-0.006	86	14753	20.0	18.1	
111 2-Chlorotoluene	91	9.633	9.632	0.001	98	137783	20.0	18.9	
112 4-Ethyltoluene	105	9.651	9.650	0.001	98	155781	20.0	18.7	
113 1,3,5-Trimethylbenzene	105	9.718	9.717	0.001	92	129140	20.0	18.3	
114 4-Chlorotoluene	91	9.748	9.748	0.000	98	137267	20.0	19.5	
115 Butyl Methacrylate	87	9.833	9.833	0.000	98	48848	20.0	16.4	
116 tert-Butylbenzene	119	9.998	9.997	0.001	92	97215	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.052	10.052	0.000	99	133881	20.0	18.1	
118 sec-Butylbenzene	105	10.192	10.192	0.000	99	135746	20.0	18.9	
120 1,3-Dichlorobenzene	146	10.314	10.313	0.001	95	84004	20.0	19.4	
119 4-Isopropyltoluene	119	10.320	10.319	0.001	97	114553	20.0	18.7	
* 121 1,4-Dichlorobenzene-d4	152	10.381	10.380	0.001	95	180902	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.399	10.398	0.001	95	85032	20.0	18.8	
123 1,2,3-Trimethylbenzene	105	10.417	10.423	-0.006	99	143439	20.0	18.5	
124 Benzyl chloride	91	10.527	10.526	0.001	98	83230	20.0	17.3	
125 2,3-Dihydroindene	117	10.581	10.581	0.000	95	142001	20.0	18.4	
126 p-Diethylbenzene	119	10.642	10.642	0.000	92	67766	20.0	18.9	
127 n-Butylbenzene	92	10.660	10.666	-0.006	98	57951	20.0	19.9	
128 1,2-Dichlorobenzene	146	10.709	10.708	0.001	97	81869	20.0	19.4	
129 1,2,4,5-Tetramethylbenzene	119	11.269	11.268	0.001	97	104938	20.0	17.6	
130 1,2-Dibromo-3-Chloropropane	157	11.348	11.347	0.001	94	9355	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	11.457	11.463	-0.006	97	51899	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	11.938	11.937	0.001	94	47933	20.0	19.6	
133 Hexachlorobutadiene	225	12.017	12.016	0.001	96	18561	20.0	22.5	
134 Naphthalene	128	12.120	12.119	0.001	99	125597	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	12.296	12.296	0.000	95	44829	20.0	20.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	34.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	88.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
GASES Li_00527	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-May-2023 11:18:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89617.D

Injection Date: 03-May-2023 07:42:30 Instrument ID: CVOAMS8 Operator ID:

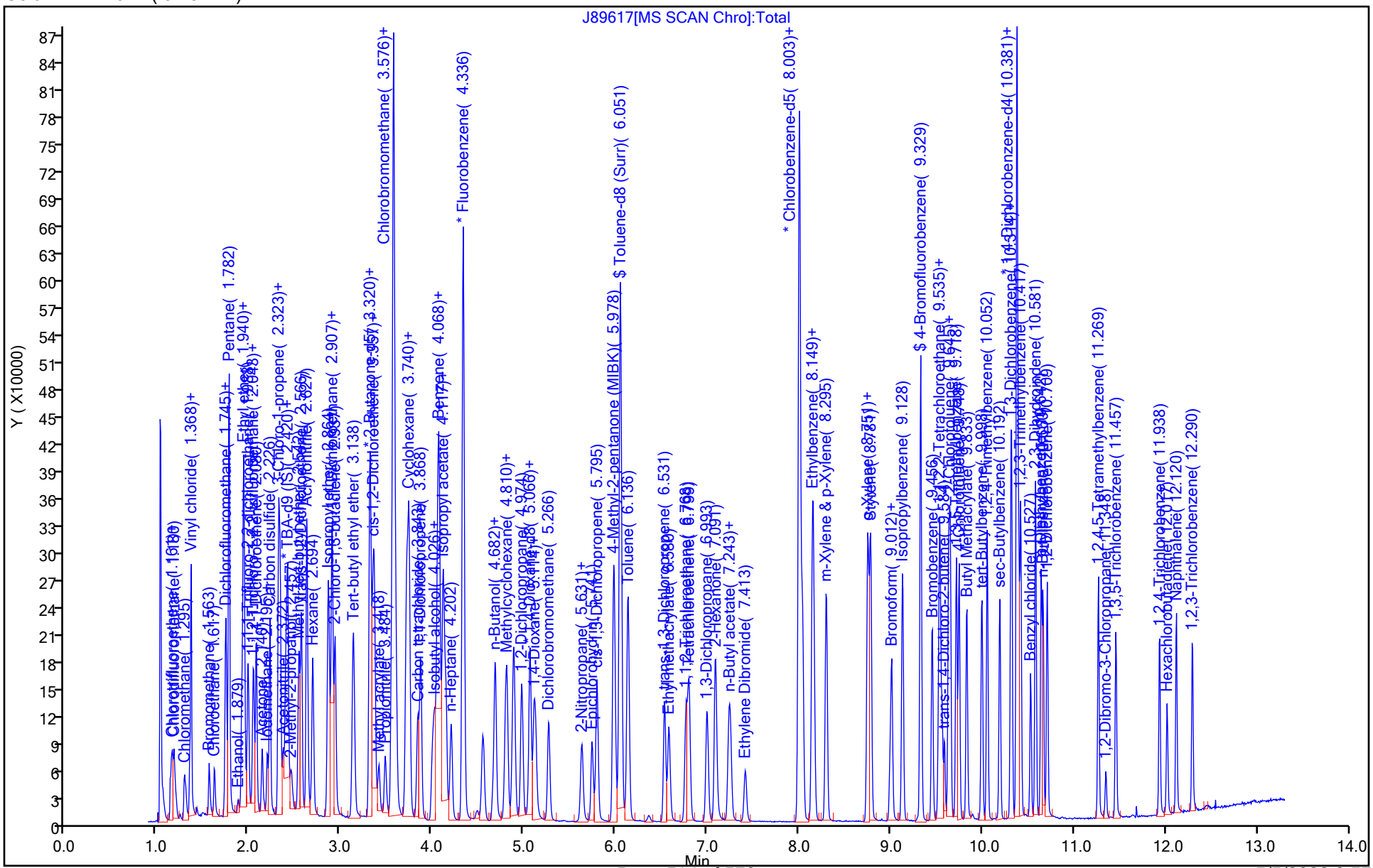
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89617.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-May-2023 07:42:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0159967-003
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 11:12:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 08:39:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.8	109.65
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.4	114.79
$ 83 Toluene-d8 (Surr)	50.0	49.0	97.92
$ 105 4-Bromofluorobenzene	50.0	49.4	98.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-906691/4

Matrix: Water | Lab File ID: J89618.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 08:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.20
75-34-3	1,1-Dichloroethane	24.4		1.0	0.26
75-35-4	1,1-Dichloroethene	22.6		1.0	0.26
107-06-2	1,2-Dichloroethane	24.0		1.0	0.43
78-87-5	1,2-Dichloropropane	21.0		1.0	0.35
591-78-6	2-Hexanone	85.9		5.0	1.1
67-64-1	Acetone	105		5.0	4.4
71-43-2	Benzene	21.0		1.0	0.20
75-27-4	Bromodichloromethane	21.5		1.0	0.34
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	22.6		1.0	0.55
75-15-0	Carbon disulfide	23.7		1.0	0.82
56-23-5	Carbon tetrachloride	21.8		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	21.7		1.0	0.32
67-66-3	Chloroform	23.7		1.0	0.33
74-87-3	Chloromethane	19.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	22.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
124-48-1	Dibromochloromethane	20.9		1.0	0.28
100-41-4	Ethylbenzene	19.8		1.0	0.30
78-93-3	Methyl Ethyl Ketone	91.4		5.0	1.9
108-10-1	methyl isobutyl ketone	93.7		5.0	1.3
75-09-2	Methylene Chloride	22.7		1.0	0.32
100-42-5	Styrene	19.8		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	23.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.22
79-01-6	Trichloroethene	19.8		1.0	0.31
75-01-4	Vinyl chloride	20.3		1.0	0.17
1330-20-7	Xylenes, Total	39.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-906691/4

Matrix: Water Lab File ID: J89618.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2023 08:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89618.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-May-2023 08:07:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159967-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 11:12:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 08:40:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.136	0.001	90	4600	20.0	20.7	
4 Dichlorodifluoromethane	85	1.168	1.161	0.007	98	43723	20.0	17.5	
5 Chlorodifluoromethane	67	1.180	1.179	0.001	97	10389	20.0	25.7	
6 Chloromethane	50	1.295	1.295	0.000	99	58427	20.0	19.8	
7 Vinyl chloride	62	1.350	1.349	0.001	98	58351	20.0	20.3	
8 Butadiene	54	1.368	1.368	0.000	93	60744	20.0	20.7	
9 Bromomethane	94	1.563	1.562	0.001	99	28198	20.0	22.6	
10 Chloroethane	64	1.618	1.617	0.001	98	31542	20.0	21.7	
12 Dichlorofluoromethane	67	1.739	1.739	0.000	98	95463	20.0	22.9	
11 Trichlorofluoromethane	101	1.752	1.751	0.001	98	78917	20.0	23.1	
13 Pentane	43	1.782	1.781	0.001	96	228853	40.0	57.5	
14 Ethanol	46	1.879	1.878	0.001	97	5534	800.0	1891.8	
15 Ethyl ether	59	1.922	1.921	0.001	90	49753	20.0	24.2	
16 2-Methyl-1,3-butadiene	53	1.934	1.939	-0.005	96	62638	20.0	25.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.952	1.945	0.007	96	50592	20.0	29.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.989	1.988	0.001	97	92366	20.0	27.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.043	0.000	96	56708	20.0	25.3	
19 Acrolein	56	2.056	2.049	0.007	93	14186	40.0	42.0	
21 1,1-Dichloroethene	96	2.080	2.079	0.001	94	49024	20.0	22.6	
22 Acetone	43	2.141	2.140	0.001	84	85348	100.0	104.6	
23 Iodomethane	142	2.195	2.195	0.000	100	47105	20.0	16.2	
25 Isopropyl alcohol	45	2.202	2.201	0.001	50	28470	200.0	353.7	a
24 Carbon disulfide	76	2.226	2.225	0.001	100	195636	20.0	23.7	
26 3-Chloro-1-propene	76	2.323	2.322	0.001	92	30602	20.0	21.2	
28 Methyl acetate	43	2.329	2.322	0.007	99	100630	40.0	44.3	
27 Cyclopentene	67	2.335	2.341	-0.006	95	129785	20.0	24.0	
29 Acetonitrile	41	2.372	2.371	0.001	99	76753	200.0	263.6	
* 30 TBA-d9 (IS)	65	2.408	2.401	0.007	84	210636	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.420	0.000	97	56795	20.0	22.7	
32 2-Methyl-2-propanol	59	2.463	2.456	0.007	99	39476	200.0	261.3	
33 Methyl tert-butyl ether	73	2.542	2.541	0.001	96	159326	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.573	2.572	0.001	98	59342	20.0	23.4	
35 Acrylonitrile	53	2.633	2.626	0.007	93	201961	200.0	215.0	
36 Hexane	57	2.694	2.693	0.001	92	62988	20.0	24.8	
37 Isopropyl ether	45	2.864	2.864	0.000	98	241233	20.0	24.0	
38 1,1-Dichloroethane	63	2.901	2.900	0.001	99	123389	20.0	24.4	
39 Vinyl acetate	43	2.907	2.906	0.001	100	300322	40.0	59.1	
40 2-Chloro-1,3-butadiene	88	2.937	2.937	0.000	94	51846	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.138	3.137	0.001	87	193691	20.0	22.9	
* 43 2-Butanone-d5	46	3.321	3.314	0.007	98	334038	250.0	250.0	
42 2,2-Dichloropropane	79	3.327	3.326	0.001	96	31161	20.0	23.4	
44 cis-1,2-Dichloroethene	96	3.351	3.350	0.001	91	62884	20.0	22.1	
46 2-Butanone (MEK)	72	3.369	3.362	0.007	94	24059	100.0	91.4	
45 Ethyl acetate	70	3.369	3.368	0.001	96	11315	40.0	34.3	
47 Methyl acrylate	55	3.418	3.417	0.001	99	52051	20.0	22.4	
48 Propionitrile	54	3.485	3.484	0.001	96	74045	200.0	238.8	
50 Chlorobromomethane	128	3.552	3.551	0.001	97	30528	20.0	22.6	
49 Tetrahydrofuran	72	3.558	3.557	0.001	90	11330	40.0	35.0	
51 Methacrylonitrile	67	3.576	3.575	0.001	98	222231	200.0	232.3	
52 Chloroform	83	3.600	3.599	0.001	97	111391	20.0	23.7	
53 Cyclohexane	84	3.716	3.715	0.001	98	69030	20.0	22.0	
54 1,1,1-Trichloroethane	97	3.728	3.727	0.001	97	90999	20.0	22.6	
$ 55 Dibromofluoromethane (Surr)	113	3.746	3.745	0.001	96	133079	50.0	54.9	
56 Carbon tetrachloride	117	3.844	3.843	0.001	97	77669	20.0	21.8	
57 1,1-Dichloropropene	75	3.874	3.873	0.001	93	84372	20.0	21.6	
58 Isobutyl alcohol	43	4.002	4.001	0.001	95	78621	500.0	638.6	
59 Isooctane	57	4.026	4.025	0.001	97	124435	20.0	24.8	a
60 Benzene	78	4.056	4.056	0.000	98	233151	20.0	21.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.075	4.074	0.001	0	169436	50.0	59.6	
62 Isopropyl acetate	43	4.117	4.116	0.001	94	209207	20.0	24.1	
63 Tert-amyl methyl ether	55	4.123	4.116	0.007	91	47643	20.0	24.8	
64 1,2-Dichloroethane	62	4.148	4.147	0.001	95	93574	20.0	24.0	
65 n-Heptane	57	4.202	4.201	0.001	97	26122	20.0	23.7	
* 66 Fluorobenzene	96	4.336	4.335	0.001	97	536551	50.0	50.0	
67 n-Butanol	56	4.664	4.670	-0.006	97	28708	500.0	886.5	
68 Trichloroethene	95	4.683	4.682	0.001	97	58229	20.0	19.8	
69 Methylcyclohexane	83	4.804	4.804	0.000	86	60202	20.0	20.7	
70 Ethyl acrylate	55	4.817	4.816	0.001	97	132607	20.0	21.7	
71 1,2-Dichloropropane	63	4.975	4.974	0.001	88	67670	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.048	5.047	0.001	0	21039	1000.0	1000.0	
73 Methyl methacrylate	100	5.066	5.065	0.001	94	22785	40.0	37.1	
75 1,4-Dioxane	88	5.108	5.108	0.000	38	8256	400.0	842.5	
74 Dibromomethane	93	5.108	5.108	0.000	96	39499	20.0	21.6	
76 n-Propyl acetate	43	5.133	5.126	0.007	98	94112	20.0	22.3	
77 Dichlorobromomethane	83	5.267	5.266	0.001	98	80632	20.0	21.5	
78 2-Nitropropane	41	5.625	5.624	0.001	82	24045	40.0	28.8	
79 2-Chloroethyl vinyl ether	63	5.638	5.631	0.007	83	31693	20.0	18.1	
80 Epichlorohydrin	57	5.747	5.740	0.007	99	91569	400.0	382.5	
81 cis-1,3-Dichloropropene	75	5.796	5.795	0.001	96	97314	20.0	20.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.984	5.977	0.007	98	297262	100.0	93.7	
$ 83 Toluene-d8 (Surr)	98	6.051	6.050	0.001	98	432651	50.0	49.2	
84 Toluene	91	6.136	6.135	0.001	93	218951	20.0	19.9	
85 trans-1,3-Dichloropropene	75	6.531	6.537	-0.006	98	84060	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.580	6.579	0.001	96	61243	20.0	18.6	
87 1,1,2-Trichloroethane	83	6.769	6.768	0.001	95	45541	20.0	21.3	
88 Tetrachloroethene	166	6.799	6.798	0.001	96	56244	20.0	21.3	
89 1,3-Dichloropropane	76	7.000	6.999	0.001	98	82229	20.0	20.8	
90 2-Hexanone	58	7.091	7.090	0.001	98	87275	100.0	85.9	
91 n-Butyl acetate	43	7.237	7.236	0.001	96	91827	20.0	20.7	
92 Chlorodibromomethane	129	7.249	7.254	-0.005	98	55068	20.0	20.9	
93 Ethylene Dibromide	107	7.413	7.412	0.001	97	50160	20.0	20.8	
* 94 Chlorobenzene-d5	117	8.003	8.002	0.001	89	373712	50.0	50.0	
95 Chlorobenzene	112	8.040	8.039	0.001	94	138768	20.0	21.2	
96 Ethylbenzene	106	8.149	8.148	0.001	99	67837	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.161	8.160	0.001	95	50656	20.0	21.2	
98 m-Xylene & p-Xylene	106	8.295	8.300	-0.005	0	81345	20.0	19.4	
99 o-Xylene	106	8.751	8.750	0.001	93	80303	20.0	19.6	
100 n-Butyl acrylate	73	8.769	8.769	0.000	95	35950	20.0	18.3	
101 Styrene	104	8.782	8.787	-0.005	95	133466	20.0	19.8	
103 Bromoform	173	8.994	8.994	0.000	95	32404	20.0	19.9	
102 Amyl acetate (mixed isomers)	43	9.013	9.012	0.001	87	96149	20.0	20.5	
104 Isopropylbenzene	105	9.128	9.133	-0.005	97	182290	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	9.329	9.328	0.001	93	123735	50.0	49.4	
106 Bromobenzene	156	9.457	9.456	0.001	94	56077	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.523	9.523	0.000	99	59417	20.0	22.6	
108 N-Propylbenzene	91	9.536	9.535	0.001	99	206928	20.0	20.6	
109 1,2,3-Trichloropropane	110	9.560	9.559	0.001	95	13194	20.0	20.8	
110 trans-1,4-Dichloro-2-butene	53	9.590	9.590	0.000	87	14483	20.0	17.8	
111 2-Chlorotoluene	91	9.633	9.632	0.001	98	152113	20.0	20.9	
112 4-Ethyltoluene	105	9.651	9.650	0.001	97	173846	20.0	20.9	
113 1,3,5-Trimethylbenzene	105	9.718	9.717	0.001	92	142847	20.0	20.3	
114 4-Chlorotoluene	91	9.748	9.748	0.000	98	153687	20.0	21.9	
115 Butyl Methacrylate	87	9.834	9.833	0.001	96	54748	20.0	18.4	
116 tert-Butylbenzene	119	9.998	9.997	0.001	92	107204	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.053	10.052	0.001	99	146159	20.0	19.7	
118 sec-Butylbenzene	105	10.192	10.192	0.000	99	148389	20.0	20.7	
120 1,3-Dichlorobenzene	146	10.314	10.313	0.001	95	90597	20.0	20.9	
119 4-Isopropyltoluene	119	10.320	10.319	0.001	97	123525	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	10.381	10.380	0.001	96	180942	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.399	10.398	0.001	96	95524	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	10.417	10.423	-0.006	99	155333	20.0	20.1	
124 Benzyl chloride	91	10.527	10.526	0.001	97	90437	20.0	18.8	
125 2,3-Dihydroindene	117	10.582	10.581	0.001	94	156632	20.0	20.3	
126 p-Diethylbenzene	119	10.642	10.642	0.000	93	71993	20.0	20.1	
127 n-Butylbenzene	92	10.661	10.666	-0.005	97	60124	20.0	20.6	
128 1,2-Dichlorobenzene	146	10.709	10.708	0.001	96	90606	20.0	21.5	
129 1,2,4,5-Tetramethylbenzene	119	11.269	11.268	0.001	97	107412	20.0	18.0	
130 1,2-Dibromo-3-Chloropropane	157	11.354	11.347	0.007	95	10538	20.0	20.8	
131 1,3,5-Trichlorobenzene	180	11.457	11.463	-0.006	97	50598	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.938	11.937	0.001	93	49906	20.0	20.5	
133 Hexachlorobutadiene	225	12.017	12.016	0.001	95	18388	20.0	22.3	
134 Naphthalene	128	12.120	12.119	0.001	99	139781	20.0	20.7	
135 1,2,3-Trichlorobenzene	180	12.297	12.296	0.001	95	46101	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.5	
S 137 Xylenes, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	99.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
GASES Li_00527	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-May-2023 11:18:32 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89618.D

Injection Date: 03-May-2023 08:07:30 Instrument ID: CVOAMS8 Operator ID:

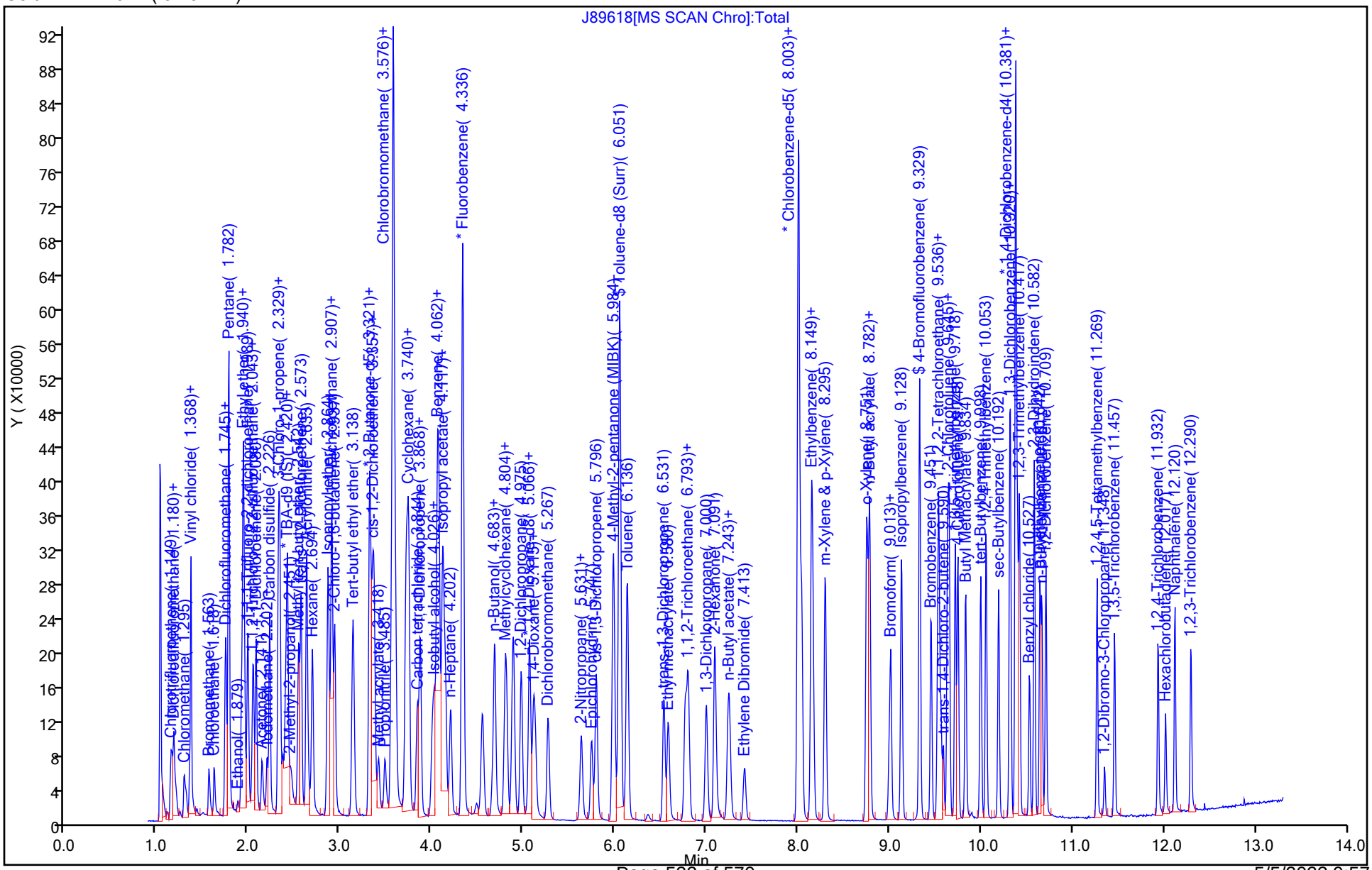
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89618.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 03-May-2023 08:07:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159967-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 11:12:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 08:40:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.9	109.85
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.6	119.27
$ 83 Toluene-d8 (Surr)	50.0	49.2	98.30
$ 105 4-Bromofluorobenzene	50.0	49.4	98.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-279242-5 MS

Matrix: Water | Lab File ID: J89606.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 03:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.20
75-34-3	1,1-Dichloroethane	23.0		1.0	0.26
75-35-4	1,1-Dichloroethene	20.9		1.0	0.26
107-06-2	1,2-Dichloroethane	21.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.4		1.0	0.35
591-78-6	2-Hexanone	79.8		5.0	1.1
67-64-1	Acetone	86.0		5.0	4.4
71-43-2	Benzene	19.1		1.0	0.20
75-27-4	Bromodichloromethane	20.0		1.0	0.34
75-25-2	Bromoform	19.1		1.0	0.54
74-83-9	Bromomethane	23.2		1.0	0.55
75-15-0	Carbon disulfide	22.4		1.0	0.82
56-23-5	Carbon tetrachloride	20.0		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	22.3		1.0	0.32
67-66-3	Chloroform	21.6		1.0	0.33
74-87-3	Chloromethane	21.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.22
124-48-1	Dibromochloromethane	20.0		1.0	0.28
100-41-4	Ethylbenzene	18.1		1.0	0.30
78-93-3	Methyl Ethyl Ketone	92.3		5.0	1.9
108-10-1	methyl isobutyl ketone	86.2		5.0	1.3
75-09-2	Methylene Chloride	21.4		1.0	0.32
100-42-5	Styrene	18.8		1.0	0.42
127-18-4	Tetrachloroethene	36.4		1.0	0.25
108-88-3	Toluene	18.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.22
79-01-6	Trichloroethene	18.4		1.0	0.31
75-01-4	Vinyl chloride	21.2		1.0	0.17
1330-20-7	Xylenes, Total	36.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-279242-5 MS

Matrix: Water | Lab File ID: J89606.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 03:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89606.D
Lims ID: 460-279242-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 03-May-2023 03:24:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: HVW2 Date: 03-May-2023 05:02:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.140	1.138	0.002	92	3403	20.0	15.4	
4 Dichlorodifluoromethane	85	1.164	1.162	0.002	98	50656	20.0	20.5	
5 Chlorodifluoromethane	67	1.183	1.180	0.003	98	8784	20.0	21.9	
6 Chloromethane	50	1.292	1.296	-0.004	99	62722	20.0	21.4	
7 Vinyl chloride	62	1.353	1.351	0.002	97	60440	20.0	21.2	
8 Butadiene	54	1.365	1.369	-0.004	93	62735	20.0	21.5	
9 Bromomethane	94	1.566	1.563	0.003	98	28654	20.0	23.2	
10 Chloroethane	64	1.620	1.618	0.002	98	32245	20.0	22.3	
12 Dichlorofluoromethane	67	1.742	1.740	0.002	98	93819	20.0	22.6	
11 Trichlorofluoromethane	101	1.748	1.752	-0.004	98	78557	20.0	23.1	
13 Pentane	43	1.779	1.782	-0.003	96	208891	40.0	52.8	
14 Ethanol	46	1.882	1.880	0.002	97	5487	800.0	1898.9	
15 Ethyl ether	59	1.918	1.922	-0.004	89	46244	20.0	22.7	
16 2-Methyl-1,3-butadiene	53	1.937	1.934	0.003	96	56252	20.0	23.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.949	1.947	0.002	97	41908	20.0	24.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.991	1.989	0.002	97	76324	20.0	22.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.046	2.044	0.002	96	51776	20.0	23.3	
19 Acrolein	56	2.052	2.050	0.002	94	16124	40.0	48.3	
21 1,1-Dichloroethene	96	2.077	2.080	-0.003	93	45020	20.0	20.9	
22 Acetone	43	2.143	2.141	0.002	84	70611	100.0	86.0	
23 Iodomethane	142	2.198	2.202	-0.004	100	39445	20.0	13.6	
25 Isopropyl alcohol	45	2.198	2.202	-0.004	99	27974	200.0	351.9	
24 Carbon disulfide	76	2.229	2.226	0.003	100	183951	20.0	22.4	
26 3-Chloro-1-propene	76	2.320	2.324	-0.004	92	29641	20.0	20.7	
28 Methyl acetate	43	2.326	2.324	0.002	99	96883	40.0	43.2	
27 Cyclopentene	67	2.338	2.342	-0.004	94	117346	20.0	21.8	
29 Acetonitrile	41	2.375	2.372	0.002	98	71605	200.0	249.0	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	77	208067	1000.0	1000.0	
31 Methylene Chloride	84	2.423	2.421	0.002	97	53101	20.0	21.4	
32 2-Methyl-2-propanol	59	2.460	2.457	0.003	99	38359	200.0	257.1	
33 Methyl tert-butyl ether	73	2.545	2.543	0.002	96	149114	20.0	21.1	
34 trans-1,2-Dichloroethene	96	2.569	2.573	-0.004	97	52379	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.630	2.628	0.002	93	190230	200.0	205.0	
36 Hexane	57	2.697	2.695	0.002	92	58705	20.0	23.2	
37 Isopropyl ether	45	2.867	2.865	0.002	98	224309	20.0	22.4	
38 1,1-Dichloroethane	63	2.898	2.901	-0.003	99	115589	20.0	23.0	
39 Vinyl acetate	43	2.910	2.907	0.003	100	283486	40.0	56.2	
40 2-Chloro-1,3-butadiene	88	2.940	2.938	0.002	94	46953	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.141	3.139	0.002	87	178161	20.0	21.2	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	97	335901	250.0	250.0	
42 2,2-Dichloropropane	79	3.323	3.327	-0.004	95	29150	20.0	22.0	
44 cis-1,2-Dichloroethene	96	3.354	3.351	0.003	90	56027	20.0	19.8	
46 2-Butanone (MEK)	72	3.366	3.370	-0.004	94	24433	100.0	92.3	
45 Ethyl acetate	70	3.366	3.370	-0.004	95	9741	40.0	29.3	
47 Methyl acrylate	55	3.414	3.418	-0.004	99	48745	20.0	21.2	
48 Propionitrile	54	3.487	3.485	0.002	98	66220	200.0	216.2	
50 Chlorobromomethane	128	3.554	3.558	-0.004	97	27080	20.0	20.2	
49 Tetrahydrofuran	72	3.560	3.558	0.002	52	10935	40.0	33.6	
51 Methacrylonitrile	67	3.579	3.576	0.003	98	208358	200.0	219.2	
52 Chloroform	83	3.603	3.601	0.002	97	100741	20.0	21.6	
53 Cyclohexane	84	3.718	3.716	0.002	98	60149	20.0	19.3	
54 1,1,1-Trichloroethane	97	3.731	3.735	-0.003	98	81549	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	3.749	3.747	0.002	96	130786	50.0	54.3	
56 Carbon tetrachloride	117	3.840	3.844	-0.004	97	70628	20.0	20.0	
57 1,1-Dichloropropene	75	3.871	3.874	-0.004	94	74019	20.0	19.1	
58 Isobutyl alcohol	43	4.004	4.002	0.002	94	69219	500.0	569.2	
59 Isooctane	57	4.114	4.026	0.088	33	3205	20.0	0.6423	
60 Benzene	78	4.059	4.057	0.002	98	209955	20.0	19.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	160227	50.0	56.8	
62 Isopropyl acetate	43	4.120	4.118	0.002	94	179741	20.0	20.8	
63 Tert-amyl methyl ether	55	4.120	4.118	0.002	91	43261	20.0	22.7	
64 1,2-Dichloroethane	62	4.150	4.148	0.002	96	83354	20.0	21.5	
65 n-Heptane	57	4.199	4.203	-0.004	98	22703	20.0	20.7	
* 66 Fluorobenzene	96	4.339	4.337	0.002	98	533115	50.0	50.0	
67 n-Butanol	56	4.667	4.665	0.002	98	21133	500.0	663.2	
68 Trichloroethene	95	4.685	4.683	0.002	97	53682	20.0	18.4	
69 Methylcyclohexane	83	4.801	4.805	-0.004	85	56518	20.0	19.5	
70 Ethyl acrylate	55	4.813	4.811	0.002	97	116978	20.0	19.3	
71 1,2-Dichloropropane	63	4.977	4.975	0.002	88	61977	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	20842	1000.0	1000.0	
73 Methyl methacrylate	100	5.069	5.066	0.003	95	22457	40.0	36.8	
75 1,4-Dioxane	88	5.111	5.109	0.002	35	7123	400.0	733.7	
74 Dibromomethane	93	5.111	5.109	0.002	97	37668	20.0	20.8	
76 n-Propyl acetate	43	5.129	5.127	0.002	98	88334	20.0	21.1	
77 Dichlorobromomethane	83	5.269	5.267	0.002	98	74429	20.0	20.0	
78 2-Nitropropane	41	5.622	5.626	-0.004	97	20395	40.0	24.7	
80 Epichlorohydrin	57	5.744	5.741	0.003	99	77403	400.0	321.5	
81 cis-1,3-Dichloropropene	75	5.798	5.796	0.002	96	91024	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK)	43	5.981	5.979	0.003	98	274904	100.0	86.2	
$ 83 Toluene-d8 (Surr)	98	6.054	6.051	0.003	98	434197	50.0	49.8	
84 Toluene	91	6.133	6.137	-0.004	93	203281	20.0	18.7	
85 trans-1,3-Dichloropropene	75	6.534	6.538	-0.004	97	79012	20.0	18.8	
86 Ethyl methacrylate	69	6.583	6.581	0.002	97	58745	20.0	18.0	
87 1,1,2-Trichloroethane	83	6.765	6.769	-0.004	95	42521	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	6.802	6.799	0.003	97	95181	20.0	36.4	
89 1,3-Dichloropropane	76	6.996	7.000	-0.004	98	77417	20.0	19.8	
90 2-Hexanone	58	7.088	7.091	-0.003	99	81548	100.0	79.8	
91 n-Butyl acetate	43	7.233	7.237	-0.004	96	87717	20.0	19.9	
92 Chlorodibromomethane	129	7.252	7.250	0.002	98	52058	20.0	20.0	
93 Ethylene Dibromide	107	7.416	7.414	0.002	99	47187	20.0	19.8	
* 94 Chlorobenzene-d5	117	8.006	8.004	0.002	88	370034	50.0	50.0	
95 Chlorobenzene	112	8.042	8.040	0.002	94	128540	20.0	19.9	
96 Ethylbenzene	106	8.146	8.150	-0.004	99	61713	20.0	18.1	
97 1,1,1,2-Tetrachloroethane	131	8.164	8.162	0.002	95	46188	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.298	8.302	-0.004	0	74365	20.0	17.9	
99 o-Xylene	106	8.754	8.752	0.002	94	73726	20.0	18.2	
100 n-Butyl acrylate	73	8.766	8.770	-0.004	95	34904	20.0	17.9	
101 Styrene	104	8.784	8.788	-0.004	93	125526	20.0	18.8	
103 Bromoform	173	8.997	8.995	0.002	95	30886	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.015	9.013	0.002	87	91150	20.0	19.1	
104 Isopropylbenzene	105	9.131	9.129	0.002	97	168928	20.0	19.1	
$ 105 4-Bromofluorobenzene	174	9.332	9.329	0.003	96	122285	50.0	49.3	
106 Bromobenzene	156	9.453	9.457	-0.004	95	53598	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	9.526	9.524	0.002	98	56317	20.0	21.1	
108 N-Propylbenzene	91	9.538	9.536	0.002	99	192210	20.0	18.8	
109 1,2,3-Trichloropropane	110	9.563	9.560	0.003	97	12930	20.0	20.1	
110 trans-1,4-Dichloro-2-butene	53	9.587	9.591	-0.004	87	15611	20.0	18.9	
111 2-Chlorotoluene	91	9.636	9.633	0.003	98	142287	20.0	19.2	
112 4-Ethyltoluene	105	9.654	9.652	0.002	97	159932	20.0	18.9	
113 1,3,5-Trimethylbenzene	105	9.721	9.719	0.002	93	129987	20.0	18.2	
114 4-Chlorotoluene	91	9.745	9.749	-0.004	98	133527	20.0	18.7	
115 Butyl Methacrylate	87	9.830	9.834	-0.004	97	51745	20.0	17.1	
116 tert-Butylbenzene	119	9.994	9.998	-0.004	92	98792	20.0	18.4	
117 1,2,4-Trimethylbenzene	105	10.055	10.053	0.002	98	139921	20.0	18.6	
118 sec-Butylbenzene	105	10.189	10.193	-0.004	99	139226	20.0	19.1	
120 1,3-Dichlorobenzene	146	10.317	10.315	0.003	95	83953	20.0	19.1	
119 4-Isopropyltoluene	119	10.323	10.321	0.002	97	116288	20.0	18.7	
* 121 1,4-Dichlorobenzene-d4	152	10.378	10.381	-0.003	96	183865	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.402	10.400	0.002	96	88656	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.420	10.418	0.002	99	147256	20.0	18.7	
124 Benzyl chloride	91	10.530	10.527	0.003	98	88931	20.0	18.2	
125 2,3-Dihydroindene	117	10.584	10.582	0.002	94	146068	20.0	18.7	
126 p-Diethylbenzene	119	10.645	10.643	0.002	91	67520	20.0	18.5	
127 n-Butylbenzene	92	10.663	10.661	0.002	97	57506	20.0	19.4	
128 1,2-Dichlorobenzene	146	10.712	10.710	0.002	99	82707	20.0	19.3	
129 1,2,4,5-Tetramethylbenzene	119	11.271	11.269	0.002	97	105816	20.0	17.4	
130 1,2-Dibromo-3-Chloropropane	157	11.351	11.354	-0.003	94	9987	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	11.460	11.458	0.002	97	50352	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	11.934	11.938	-0.004	93	47866	20.0	19.3	
133 Hexachlorobutadiene	225	12.019	12.017	0.002	96	17540	20.0	20.9	
134 Naphthalene	128	12.117	12.121	-0.004	99	131328	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	12.293	12.297	-0.004	95	44336	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 137 Xylenes, Total	100				0		40.0	36.1	
S 138 Total BTEX	1				0		100.0	92.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
GASES Li_00527	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

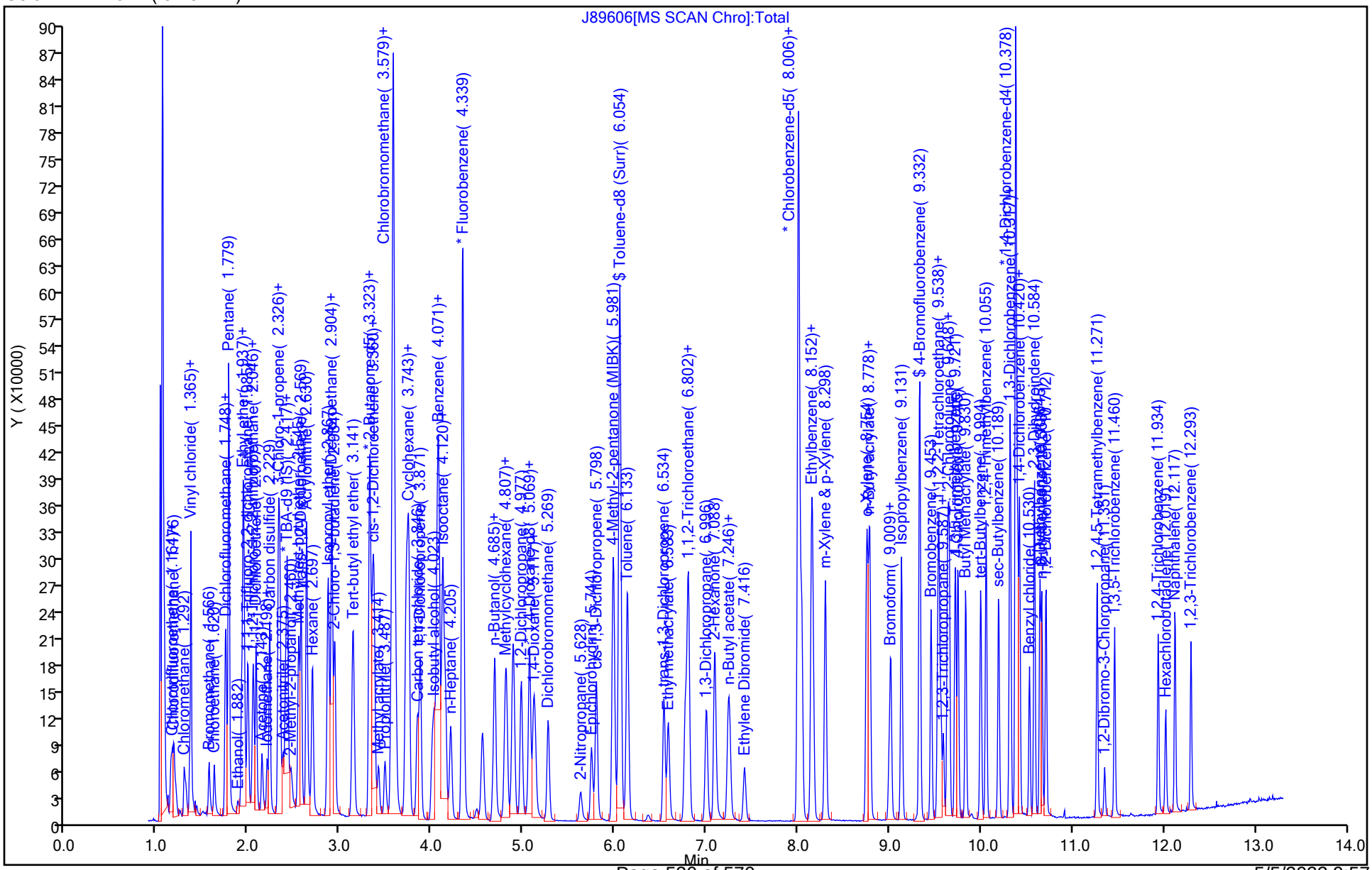
Report Date: 03-May-2023 09:53:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89606.D

Injection Date:	03-May-2023 03:24:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279242-A-5 MS			Worklist Smp#:	20
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89606.D				
Lims ID:	460-279242-A-5 MS				
Client ID:	A-02				
Sample Type:	MS				
Inject. Date:	03-May-2023 03:24:30	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:					
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	03-May-2023 09:52:47	Calib Date:	14-Apr-2023 03:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1680				

First Level Reviewer: HVW2 Date: 03-May-2023 05:02:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.65
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.8	113.51
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.63
$ 105 4-Bromofluorobenzene	50.0	49.3	98.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-279227-B-1 MS

Matrix: Water | Lab File ID: J89642.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 18:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.20
75-34-3	1,1-Dichloroethane	23.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.8		1.0	0.26
107-06-2	1,2-Dichloroethane	21.2		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
591-78-6	2-Hexanone	80.8		5.0	1.1
67-64-1	Acetone	90.7		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
75-27-4	Bromodichloromethane	20.4		1.0	0.34
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	20.9		1.0	0.55
75-15-0	Carbon disulfide	22.7		1.0	0.82
56-23-5	Carbon tetrachloride	21.0		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
75-00-3	Chloroethane	25.4		1.0	0.32
67-66-3	Chloroform	22.4		1.0	0.33
74-87-3	Chloromethane	24.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.22
124-48-1	Dibromochloromethane	19.9		1.0	0.28
100-41-4	Ethylbenzene	26.3		1.0	0.30
78-93-3	Methyl Ethyl Ketone	84.4		5.0	1.9
108-10-1	methyl isobutyl ketone	88.2		5.0	1.3
75-09-2	Methylene Chloride	22.1		1.0	0.32
100-42-5	Styrene	19.6		1.0	0.42
127-18-4	Tetrachloroethene	24.4		1.0	0.25
108-88-3	Toluene	23.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.22
79-01-6	Trichloroethene	19.2		1.0	0.31
75-01-4	Vinyl chloride	24.7		1.0	0.17
1330-20-7	Xylenes, Total	57.9		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-279227-B-1 MS

Matrix: Water | Lab File ID: J89642.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 18:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89642.D
Lims ID: 460-279227-B-1 MS
Client ID: GAI-15S
Sample Type: MS
Inject. Date: 03-May-2023 18:09:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279227-B-1 MS
Misc. Info.: 460-0159967-028
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 02:17:39 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 04-May-2023 02:17:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.139	1.136	0.003	92	3957	20.0	17.4	
4 Dichlorodifluoromethane	85	1.164	1.161	0.003	98	68225	20.0	26.8	
5 Chlorodifluoromethane	67	1.182	1.179	0.003	97	9906	20.0	24.0	
6 Chloromethane	50	1.291	1.295	-0.004	99	72145	20.0	24.0	
7 Vinyl chloride	62	1.352	1.349	0.003	97	72437	20.0	24.7	
8 Butadiene	54	1.364	1.368	-0.004	93	74533	20.0	24.8	
9 Bromomethane	94	1.565	1.562	0.003	99	26567	20.0	20.9	
10 Chloroethane	64	1.620	1.617	0.003	98	37715	20.0	25.4	
12 Dichlorofluoromethane	67	1.741	1.739	0.002	99	104959	20.0	24.6	
11 Trichlorofluoromethane	101	1.748	1.751	-0.003	97	91877	20.0	26.4	
13 Pentane	43	1.778	1.781	-0.003	96	217026	40.0	53.4	
14 Ethanol	46	1.875	1.878	-0.003	97	2244	800.0	795.3	
15 Ethyl ether	59	1.918	1.921	-0.003	90	50636	20.0	24.2	
16 2-Methyl-1,3-butadiene	53	1.936	1.939	-0.003	96	60890	20.0	24.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.948	1.945	0.003	97	43998	20.0	24.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.985	1.988	-0.003	97	84515	20.0	24.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.046	2.043	0.003	96	55141	20.0	24.1	
19 Acrolein	56	2.052	2.049	0.003	92	11804	40.0	36.2	
21 1,1-Dichloroethene	96	2.076	2.079	-0.003	94	48188	20.0	21.8	
22 Acetone	43	2.143	2.140	0.003	84	71922	100.0	90.7	
23 Iodomethane	142	2.198	2.195	0.003	100	37597	20.0	12.7	
25 Isopropyl alcohol	45	2.198	2.201	-0.003	36	13728	200.0	176.8	a
24 Carbon disulfide	76	2.228	2.225	0.003	100	191676	20.0	22.7	
26 3-Chloro-1-propene	76	2.319	2.322	-0.003	94	30753	20.0	20.9	
28 Methyl acetate	43	2.325	2.322	0.003	98	91007	40.0	41.6	
27 Cyclopentene	67	2.337	2.341	-0.004	94	129274	20.0	23.4	
29 Acetonitrile	41	2.368	2.371	-0.003	96	60928	200.0	217.1	
* 30 TBA-d9 (IS)	65	2.404	2.401	0.003	79	203180	1000.0	1000.0	
31 Methylene Chloride	84	2.423	2.420	0.003	97	56436	20.0	22.1	
32 2-Methyl-2-propanol	59	2.459	2.456	0.003	99	25960	200.0	178.2	
33 Methyl tert-butyl ether	73	2.544	2.541	0.003	96	156360	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.569	2.572	-0.003	98	56745	20.0	22.0	
35 Acrylonitrile	53	2.629	2.626	0.003	93	181919	200.0	200.8	
36 Hexane	57	2.690	2.693	-0.003	92	59833	20.0	23.1	
37 Isopropyl ether	45	2.867	2.864	0.002	98	232681	20.0	22.6	
38 1,1-Dichloroethane	63	2.897	2.900	-0.003	99	122493	20.0	23.7	
39 Vinyl acetate	43	2.903	2.906	-0.003	100	276882	40.0	53.4	
40 2-Chloro-1,3-butadiene	88	2.939	2.937	0.002	94	50126	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.134	3.137	-0.003	87	180001	20.0	20.9	
* 43 2-Butanone-d5	46	3.317	3.314	0.003	97	324532	250.0	250.0	
42 2,2-Dichloropropane	79	3.323	3.326	-0.003	94	27517	20.0	20.2	
44 cis-1,2-Dichloroethene	96	3.347	3.350	-0.003	91	59446	20.0	20.5	
46 2-Butanone (MEK)	72	3.365	3.362	0.003	94	21572	100.0	84.4	
45 Ethyl acetate	70	3.365	3.368	-0.003	95	10394	40.0	32.4	
47 Methyl acrylate	55	3.414	3.417	-0.003	99	47959	20.0	20.3	
48 Propionitrile	54	3.487	3.484	0.003	97	60163	200.0	201.2	
50 Chlorobromomethane	128	3.554	3.551	0.003	98	28861	20.0	20.9	
49 Tetrahydrofuran	72	3.560	3.557	0.003	89	10678	40.0	34.0	
51 Methacrylonitrile	67	3.578	3.575	0.003	97	209956	200.0	215.1	
52 Chloroform	83	3.596	3.599	-0.003	97	107600	20.0	22.4	
53 Cyclohexane	84	3.718	3.715	0.003	98	67791	20.0	21.2	
54 1,1,1-Trichloroethane	97	3.730	3.727	0.003	97	89019	20.0	21.7	
$ 55 Dibromofluoromethane (Surr)	113	3.742	3.745	-0.003	96	134632	50.0	54.5	
56 Carbon tetrachloride	117	3.840	3.843	-0.003	98	76012	20.0	21.0	
57 1,1-Dichloropropene	75	3.870	3.873	-0.003	94	81269	20.0	20.4	
58 Isobutyl alcohol	43	4.004	4.001	0.003	90	51165	500.0	430.9	
59 Isooctane	57	4.028	4.025	0.003	97	97670	20.0	19.1	
60 Benzene	78	4.058	4.056	0.002	98	234026	20.0	20.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.074	0.003	0	158668	50.0	54.7	
62 Isopropyl acetate	43	4.113	4.116	-0.003	93	177586	20.0	20.0	
63 Tert-amyl methyl ether	55	4.119	4.116	0.003	92	42669	20.0	21.8	
64 1,2-Dichloroethane	62	4.144	4.147	-0.003	95	84307	20.0	21.2	
65 n-Heptane	57	4.204	4.201	0.003	97	21932	20.0	19.5	
* 66 Fluorobenzene	96	4.332	4.335	-0.003	98	547425	50.0	50.0	
67 n-Butanol	56	4.661	4.670	-0.010	96	9835	500.0	318.0	
68 Trichloroethene	95	4.685	4.682	0.003	97	57549	20.0	19.2	
69 Methylcyclohexane	83	4.800	4.804	-0.004	85	60834	20.0	20.5	
70 Ethyl acrylate	55	4.813	4.816	-0.003	97	123424	20.0	19.8	
71 1,2-Dichloropropane	63	4.971	4.974	-0.003	90	66272	20.0	20.2	
* 72 1,4-Dioxane-d8	96	5.044	5.047	-0.003	0	21516	1000.0	1000.0	
73 Methyl methacrylate	100	5.068	5.065	0.003	95	23202	40.0	37.0	
75 1,4-Dioxane	88	5.098	5.108	-0.010	28	3102	400.0	309.5	a
74 Dibromomethane	93	5.104	5.108	-0.004	97	37759	20.0	20.3	
76 n-Propyl acetate	43	5.123	5.126	-0.003	99	80970	20.0	18.8	
77 Dichlorobromomethane	83	5.269	5.266	0.003	98	77913	20.0	20.4	
78 2-Nitropropane	41	5.621	5.624	-0.003	95	20455	40.0	25.4	
80 Epichlorohydrin	57	5.743	5.740	0.003	98	51271	400.0	220.5	
81 cis-1,3-Dichloropropene	75	5.792	5.795	-0.003	96	92983	20.0	18.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.980	5.977	0.003	98	271777	100.0	88.2	
$ 83 Toluene-d8 (Surr)	98	6.047	6.050	-0.003	99	445774	50.0	49.3	
84 Toluene	91	6.132	6.135	-0.003	93	261472	20.0	23.1	
85 trans-1,3-Dichloropropene	75	6.534	6.537	-0.003	98	80182	20.0	18.4	
86 Ethyl methacrylate	69	6.576	6.579	-0.003	97	58887	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.765	6.768	-0.003	96	44967	20.0	20.5	
88 Tetrachloroethene	166	6.795	6.798	-0.003	96	66384	20.0	24.4	
89 1,3-Dichloropropane	76	6.996	6.999	-0.003	98	80861	20.0	19.9	
90 2-Hexanone	58	7.087	7.090	-0.003	98	79781	100.0	80.8	
91 n-Butyl acetate	43	7.233	7.236	-0.003	97	84887	20.0	18.6	
92 Chlorodibromomethane	129	7.251	7.254	-0.003	98	53843	20.0	19.9	
93 Ethylene Dibromide	107	7.409	7.412	-0.003	98	48471	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.999	8.002	-0.003	89	383924	50.0	50.0	
95 Chlorobenzene	112	8.036	8.039	-0.003	95	138013	20.0	20.6	
96 Ethylbenzene	106	8.145	8.148	-0.003	99	92906	20.0	26.3	
97 1,1,1,2-Tetrachloroethane	131	8.163	8.160	0.003	94	49517	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.297	8.300	-0.003	0	136327	20.0	31.7	
99 o-Xylene	106	8.747	8.750	-0.003	94	110332	20.0	26.3	
100 n-Butyl acrylate	73	8.765	8.769	-0.004	96	36688	20.0	18.2	
101 Styrene	104	8.784	8.787	-0.003	94	135190	20.0	19.6	
103 Bromoform	173	8.996	8.994	0.002	96	31720	20.0	18.9	
102 Amyl acetate (mixed isomers)	43	9.009	9.012	-0.003	87	91058	20.0	18.2	
104 Isopropylbenzene	105	9.130	9.133	-0.003	97	205999	20.0	22.4	
$ 105 4-Bromofluorobenzene	174	9.331	9.328	0.003	96	129258	50.0	50.2	
106 Bromobenzene	156	9.453	9.456	-0.003	94	62159	20.0	21.5	
107 1,1,2,2-Tetrachloroethane	83	9.526	9.523	0.003	98	55989	20.0	20.0	
108 N-Propylbenzene	91	9.538	9.535	0.003	98	222317	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.562	9.559	0.003	97	13451	20.0	19.9	
110 trans-1,4-Dichloro-2-butene	53	9.586	9.590	-0.004	89	15514	20.0	17.9	
111 2-Chlorotoluene	91	9.635	9.632	0.003	98	160800	20.0	20.7	
112 4-Ethyltoluene	105	9.647	9.650	-0.003	98	254606	20.0	28.7	
113 1,3,5-Trimethylbenzene	105	9.714	9.717	-0.003	92	163261	20.0	21.8	
114 4-Chlorotoluene	91	9.745	9.748	-0.004	98	146265	20.0	19.5	
115 Butyl Methacrylate	87	9.830	9.833	-0.003	97	53650	20.0	16.9	
116 tert-Butylbenzene	119	9.994	9.997	-0.003	92	108779	20.0	19.3	
117 1,2,4-Trimethylbenzene	105	10.055	10.052	0.003	98	218681	20.0	27.7	
118 sec-Butylbenzene	105	10.188	10.192	-0.004	99	150634	20.0	19.7	
120 1,3-Dichlorobenzene	146	10.310	10.313	-0.003	96	89246	20.0	19.4	
119 4-Isopropyltoluene	119	10.322	10.319	0.003	97	126094	20.0	19.3	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.380	-0.003	95	192746	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.395	10.398	-0.003	96	95012	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.420	10.423	-0.003	99	191173	20.0	23.2	
124 Benzyl chloride	91	10.529	10.526	0.003	98	70964	20.0	13.8	
125 2,3-Dihydroindene	117	10.584	10.581	0.003	95	430410	20.0	52.5	
126 p-Diethylbenzene	119	10.645	10.642	0.003	93	78976	20.0	20.7	
127 n-Butylbenzene	92	10.663	10.666	-0.003	97	58822	20.0	19.0	
128 1,2-Dichlorobenzene	146	10.705	10.708	-0.003	96	88903	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.265	11.268	-0.003	97	116273	20.0	18.3	
130 1,2-Dibromo-3-Chloropropane	157	11.350	11.347	0.003	95	9428	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	11.459	11.463	-0.004	97	48503	20.0	17.6	
132 1,2,4-Trichlorobenzene	180	11.934	11.937	-0.003	94	45589	20.0	17.5	
133 Hexachlorobutadiene	225	12.019	12.016	0.003	96	14815	20.0	16.9	
134 Naphthalene	128	12.116	12.119	-0.003	99	2601177	20.0	361.1	
135 1,2,3-Trichlorobenzene	180	12.293	12.296	-0.003	96	41798	20.0	17.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 137 Xylenes, Total	100				0		40.0	57.9	
S 138 Total BTEX	1				0		100.0	127.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00527	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

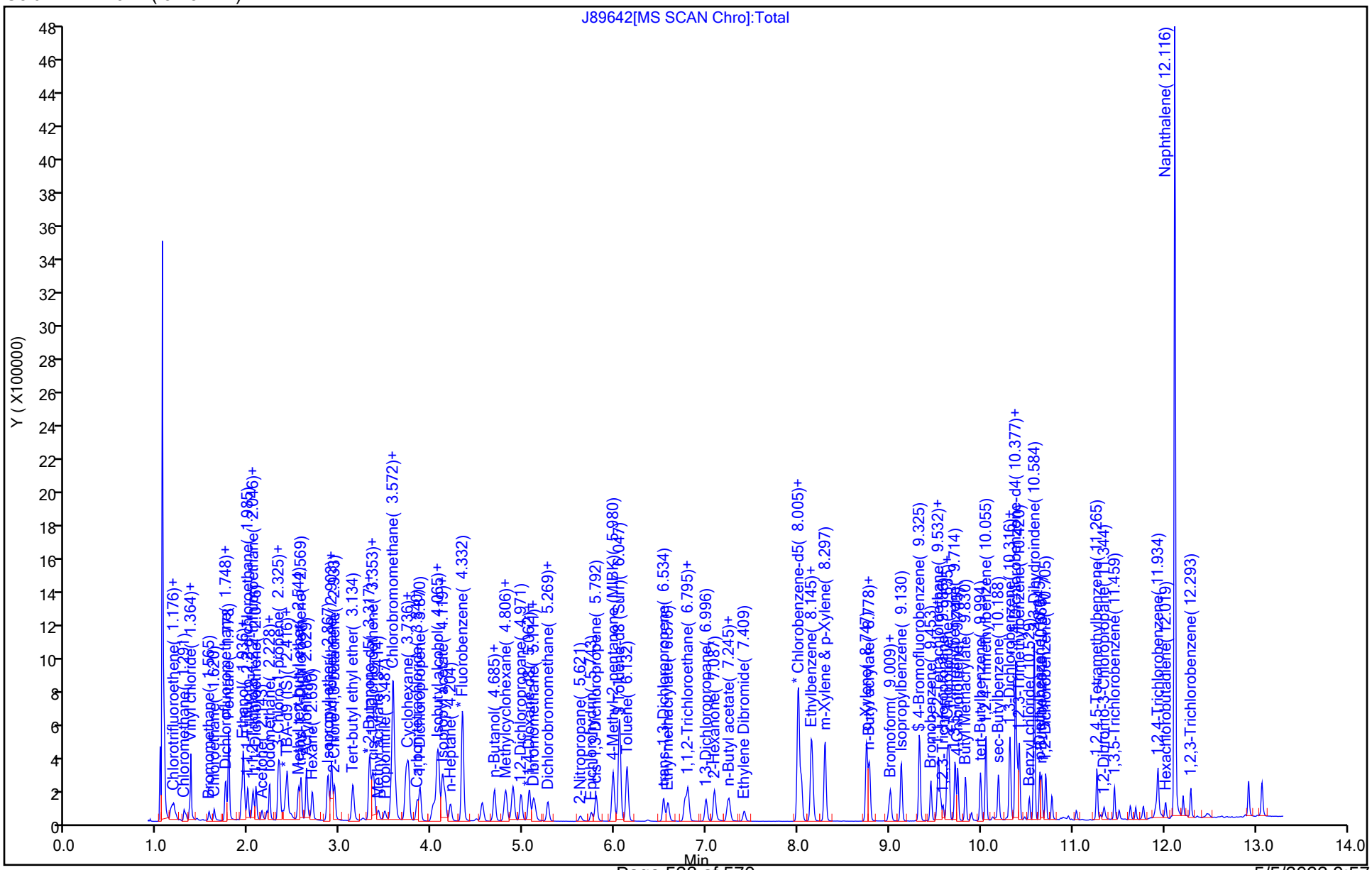
Report Date: 04-May-2023 02:17:40 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89642.D

Injection Date:	03-May-2023 18:09:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279227-B-1 MS			Worklist Smp#:	28
Client ID:	GAI-15S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89642.D
Lims ID: 460-279227-B-1 MS
Client ID: GAI-15S
Sample Type: MS
Inject. Date: 03-May-2023 18:09:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279227-B-1 MS
Misc. Info.: 460-0159967-028
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 02:17:39 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 04-May-2023 02:17:39

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.5	108.93
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	54.7	109.47
$ 83 Toluene-d8 (Surr)	50.0	49.3	98.59
$ 105 4-Bromofluorobenzene	50.0	50.2	100.40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-279242-5 MSD

Matrix: Water | Lab File ID: J89607.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 03:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	23.7		1.0	0.26
75-35-4	1,1-Dichloroethene	22.1		1.0	0.26
107-06-2	1,2-Dichloroethane	23.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.2		1.0	0.35
591-78-6	2-Hexanone	82.3		5.0	1.1
67-64-1	Acetone	82.7		5.0	4.4
71-43-2	Benzene	20.8		1.0	0.20
75-27-4	Bromodichloromethane	20.3		1.0	0.34
75-25-2	Bromoform	19.5		1.0	0.54
74-83-9	Bromomethane	24.6		1.0	0.55
75-15-0	Carbon disulfide	23.7		1.0	0.82
56-23-5	Carbon tetrachloride	20.9		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	22.9		1.0	0.32
67-66-3	Chloroform	23.0		1.0	0.33
74-87-3	Chloromethane	21.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
124-48-1	Dibromochloromethane	19.8		1.0	0.28
100-41-4	Ethylbenzene	19.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	88.8		5.0	1.9
108-10-1	methyl isobutyl ketone	91.1		5.0	1.3
75-09-2	Methylene Chloride	22.0		1.0	0.32
100-42-5	Styrene	19.9		1.0	0.42
127-18-4	Tetrachloroethene	38.1		1.0	0.25
108-88-3	Toluene	19.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
79-01-6	Trichloroethene	19.9		1.0	0.31
75-01-4	Vinyl chloride	22.5		1.0	0.17
1330-20-7	Xylenes, Total	37.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-279242-5 MSD

Matrix: Water | Lab File ID: J89607.D

Analysis Method: 8260D | Date Collected: 04/27/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 03:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906605 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	118		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89607.D
Lims ID: 460-279242-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 03-May-2023 03:49:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-May-2023 09:52:47 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: KG2Q Date: 03-May-2023 09:51:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.140	1.138	0.002	93	3776	20.0	16.6	
4 Dichlorodifluoromethane	85	1.164	1.162	0.002	98	34152	20.0	13.4	
5 Chlorodifluoromethane	67	1.182	1.180	0.002	97	9893	20.0	24.0	
6 Chloromethane	50	1.292	1.296	-0.004	99	65422	20.0	21.8	
7 Vinyl chloride	62	1.353	1.351	0.002	98	65881	20.0	22.5	
8 Butadiene	54	1.365	1.369	-0.004	93	69995	20.0	23.3	
9 Bromomethane	94	1.565	1.563	0.002	98	31273	20.0	24.6	
10 Chloroethane	64	1.620	1.618	0.002	97	33980	20.0	22.9	
12 Dichlorofluoromethane	67	1.742	1.740	0.002	98	100093	20.0	23.5	
11 Trichlorofluoromethane	101	1.754	1.752	0.002	98	82340	20.0	23.6	
13 Pentane	43	1.778	1.782	-0.004	96	226270	40.0	55.7	
14 Ethanol	46	1.882	1.880	0.002	96	5928	800.0	2017.8	
15 Ethyl ether	59	1.918	1.922	-0.004	91	48601	20.0	23.2	
16 2-Methyl-1,3-butadiene	53	1.936	1.934	0.002	97	61563	20.0	24.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.949	1.947	0.002	98	44614	20.0	25.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.991	1.989	0.002	96	81576	20.0	23.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.046	2.044	0.002	95	54172	20.0	23.7	
19 Acrolein	56	2.052	2.050	0.002	96	21149	40.0	62.4	
21 1,1-Dichloroethene	96	2.082	2.080	0.002	93	48853	20.0	22.1	
22 Acetone	43	2.143	2.141	0.002	84	66436	100.0	82.7	
23 Iodomethane	142	2.198	2.202	-0.004	100	44906	20.0	15.1	
25 Isopropyl alcohol	45	2.204	2.202	0.002	52	29283	200.0	362.3	a
24 Carbon disulfide	76	2.228	2.226	0.002	100	200022	20.0	23.7	
26 3-Chloro-1-propene	76	2.320	2.324	-0.004	95	31251	20.0	21.2	
28 Methyl acetate	43	2.326	2.324	0.002	98	92904	40.0	40.7	
27 Cyclopentene	67	2.338	2.342	-0.004	93	125523	20.0	22.7	
29 Acetonitrile	41	2.374	2.372	0.002	97	73648	200.0	251.9	
* 30 TBA-d9 (IS)	65	2.405	2.403	0.002	77	211537	1000.0	1000.0	
31 Methylene Chloride	84	2.423	2.421	0.002	96	56327	20.0	22.0	
32 2-Methyl-2-propanol	59	2.465	2.457	0.008	97	36915	200.0	243.3	
33 Methyl tert-butyl ether	73	2.545	2.543	0.002	96	151285	20.0	20.9	
34 trans-1,2-Dichloroethene	96	2.569	2.573	-0.004	97	56025	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Acrylonitrile	53	2.630	2.628	0.002	93	191841	200.0	203.4	
36 Hexane	57	2.697	2.695	0.002	92	61271	20.0	23.6	
37 Isopropyl ether	45	2.867	2.865	0.002	98	234368	20.0	22.8	
38 1,1-Dichloroethane	63	2.897	2.901	-0.004	99	122593	20.0	23.7	
39 Vinyl acetate	43	2.909	2.907	0.002	100	292324	40.0	56.4	
40 2-Chloro-1,3-butadiene	88	2.940	2.938	0.002	94	50913	20.0	21.4	
41 Tert-butyl ethyl ether	59	3.134	3.139	-0.005	87	183033	20.0	21.2	
* 43 2-Butanone-d5	46	3.317	3.315	0.002	98	328996	250.0	250.0	
42 2,2-Dichloropropane	79	3.329	3.327	0.002	93	31399	20.0	23.1	
44 cis-1,2-Dichloroethene	96	3.353	3.351	0.002	92	61340	20.0	21.1	
46 2-Butanone (MEK)	72	3.366	3.370	-0.004	94	23020	100.0	88.8	
45 Ethyl acetate	70	3.366	3.370	-0.004	95	10600	40.0	32.6	
47 Methyl acrylate	55	3.420	3.418	0.002	99	48469	20.0	20.5	
48 Propionitrile	54	3.487	3.485	0.002	97	65913	200.0	211.7	
50 Chlorobromomethane	128	3.554	3.558	-0.004	97	28515	20.0	20.7	
49 Tetrahydrofuran	72	3.566	3.558	0.008	91	12047	40.0	37.8	
51 Methacrylonitrile	67	3.578	3.576	0.002	98	212350	200.0	217.4	
52 Chloroform	83	3.603	3.601	0.002	97	110548	20.0	23.0	
53 Cyclohexane	84	3.718	3.716	0.002	98	67351	20.0	21.1	
54 1,1,1-Trichloroethane	97	3.730	3.735	-0.004	98	92114	20.0	22.4	
$ 55 Dibromofluoromethane (Surr)	113	3.749	3.747	0.002	95	134242	50.0	54.3	
56 Carbon tetrachloride	117	3.840	3.844	-0.004	97	75997	20.0	20.9	
57 1,1-Dichloropropene	75	3.876	3.874	0.002	93	84187	20.0	21.1	
58 Isobutyl alcohol	43	4.010	4.002	0.008	94	77884	500.0	629.9	
59 Isooctane	57	4.028	4.026	0.002	97	120118	20.0	23.4	
60 Benzene	78	4.059	4.057	0.002	98	230413	20.0	20.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.077	4.075	0.002	0	170937	50.0	58.9	
62 Isopropyl acetate	43	4.120	4.118	0.002	95	206186	20.0	23.2	
63 Tert-amyl methyl ether	55	4.120	4.118	0.002	96	47222	20.0	24.1	
64 1,2-Dichloroethane	62	4.150	4.148	0.002	96	91856	20.0	23.1	
65 n-Heptane	57	4.205	4.203	0.002	97	24920	20.0	22.1	
* 66 Fluorobenzene	96	4.339	4.337	0.002	97	547886	50.0	50.0	
67 n-Butanol	56	4.661	4.665	-0.004	97	28670	500.0	881.6	
68 Trichloroethene	95	4.691	4.683	0.008	96	59590	20.0	19.9	
69 Methylcyclohexane	83	4.801	4.805	-0.004	87	61825	20.0	20.8	
70 Ethyl acrylate	55	4.819	4.811	0.008	97	127347	20.0	20.5	
71 1,2-Dichloropropane	63	4.977	4.975	0.002	87	66512	20.0	20.2	
* 72 1,4-Dioxane-d8	96	5.050	5.054	-0.004	0	21988	1000.0	1000.0	
73 Methyl methacrylate	100	5.068	5.066	0.002	93	22257	40.0	35.5	
75 1,4-Dioxane	88	5.099	5.109	-0.010	44	7996	400.0	780.7	
74 Dibromomethane	93	5.111	5.109	0.002	96	37549	20.0	20.1	
76 n-Propyl acetate	43	5.129	5.127	0.002	98	91990	20.0	21.3	
77 Dichlorobromomethane	83	5.269	5.267	0.002	98	77478	20.0	20.3	
78 2-Nitropropane	41	5.628	5.626	0.002	98	21114	40.0	25.2	
80 Epichlorohydrin	57	5.743	5.741	0.002	99	77852	400.0	330.2	
81 cis-1,3-Dichloropropene	75	5.798	5.796	0.002	97	94075	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.987	5.979	0.009	98	284603	100.0	91.1	
$ 83 Toluene-d8 (Surr)	98	6.053	6.051	0.002	98	436957	50.0	49.8	
84 Toluene	91	6.139	6.137	0.002	93	216155	20.0	19.7	
85 trans-1,3-Dichloropropene	75	6.534	6.538	-0.004	98	81694	20.0	19.3	
86 Ethyl methacrylate	69	6.583	6.581	0.002	97	59743	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.771	6.769	0.002	94	44752	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	6.801	6.799	0.002	97	100523	20.0	38.1	
89 1,3-Dichloropropane	76	7.002	7.000	0.002	98	77567	20.0	19.7	
90 2-Hexanone	58	7.093	7.091	0.002	98	82334	100.0	82.3	
91 n-Butyl acetate	43	7.239	7.237	0.002	96	89679	20.0	20.2	
92 Chlorodibromomethane	129	7.258	7.250	0.008	97	52002	20.0	19.8	
93 Ethylene Dibromide	107	7.416	7.414	0.002	98	48286	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.006	8.004	0.002	89	372654	50.0	50.0	
95 Chlorobenzene	112	8.042	8.040	0.002	94	132396	20.0	20.3	
96 Ethylbenzene	106	8.152	8.150	0.002	99	67099	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.164	8.162	0.002	95	46894	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.297	8.302	-0.005	0	75026	20.0	17.9	
99 o-Xylene	106	8.747	8.752	-0.005	93	77786	20.0	19.1	
100 n-Butyl acrylate	73	8.772	8.770	0.002	94	36970	20.0	18.9	
101 Styrene	104	8.784	8.788	-0.004	95	133413	20.0	19.9	
103 Bromoform	173	8.997	8.995	0.002	96	31692	20.0	19.5	
102 Amyl acetate (mixed isomers)	43	9.015	9.013	0.002	86	93371	20.0	19.7	
104 Isopropylbenzene	105	9.131	9.129	0.002	97	176004	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	9.331	9.329	0.002	93	122545	50.0	49.0	
106 Bromobenzene	156	9.459	9.457	0.002	93	54824	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	9.526	9.524	0.002	98	56896	20.0	21.4	
108 N-Propylbenzene	91	9.538	9.536	0.002	98	203989	20.0	20.1	
109 1,2,3-Trichloropropane	110	9.562	9.560	0.002	95	13785	20.0	21.6	
110 trans-1,4-Dichloro-2-butene	53	9.587	9.591	-0.004	88	13979	20.0	17.0	
111 2-Chlorotoluene	91	9.635	9.633	0.002	98	150410	20.0	20.4	
112 4-Ethyltoluene	105	9.654	9.652	0.002	98	169099	20.0	20.1	
113 1,3,5-Trimethylbenzene	105	9.721	9.719	0.001	92	137344	20.0	19.3	
114 4-Chlorotoluene	91	9.751	9.749	0.002	98	139411	20.0	19.6	
115 Butyl Methacrylate	87	9.836	9.834	0.002	97	51715	20.0	17.2	
116 tert-Butylbenzene	119	10.000	9.998	0.002	93	103925	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.055	10.053	0.002	98	140640	20.0	18.8	
118 sec-Butylbenzene	105	10.195	10.193	0.002	99	143293	20.0	19.8	
120 1,3-Dichlorobenzene	146	10.316	10.315	0.002	95	85195	20.0	19.5	
119 4-Isopropyltoluene	119	10.323	10.321	0.002	97	118499	20.0	19.2	
* 121 1,4-Dichlorobenzene-d4	152	10.383	10.381	0.002	95	182622	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.402	10.400	0.002	96	90963	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.420	10.418	0.002	99	150580	20.0	19.3	
124 Benzyl chloride	91	10.529	10.527	0.002	98	87939	20.0	18.1	
125 2,3-Dihydroindene	117	10.584	10.582	0.002	94	150356	20.0	19.3	
126 p-Diethylbenzene	119	10.645	10.643	0.002	93	68507	20.0	18.9	
127 n-Butylbenzene	92	10.663	10.661	0.002	97	59093	20.0	20.1	
128 1,2-Dichlorobenzene	146	10.712	10.710	0.002	96	86496	20.0	20.3	
129 1,2,4,5-Tetramethylbenzene	119	11.271	11.269	0.002	97	101594	20.0	16.9	
130 1,2-Dibromo-3-Chloropropane	157	11.350	11.354	-0.004	95	10135	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	11.460	11.458	0.002	97	48068	20.0	18.4	
132 1,2,4-Trichlorobenzene	180	11.934	11.938	-0.004	94	47609	20.0	19.3	
133 Hexachlorobutadiene	225	12.019	12.017	0.002	96	18126	20.0	21.8	
134 Naphthalene	128	12.117	12.121	-0.004	99	135189	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.293	12.297	-0.004	94	44466	20.0	19.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	37.0	
S 138 Total BTEX	1				0		100.0	97.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
GASES Li_00527	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-May-2023 09:54:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89607.D

Injection Date: 03-May-2023 03:49:30 Instrument ID: CVOAMS8 Operator ID:

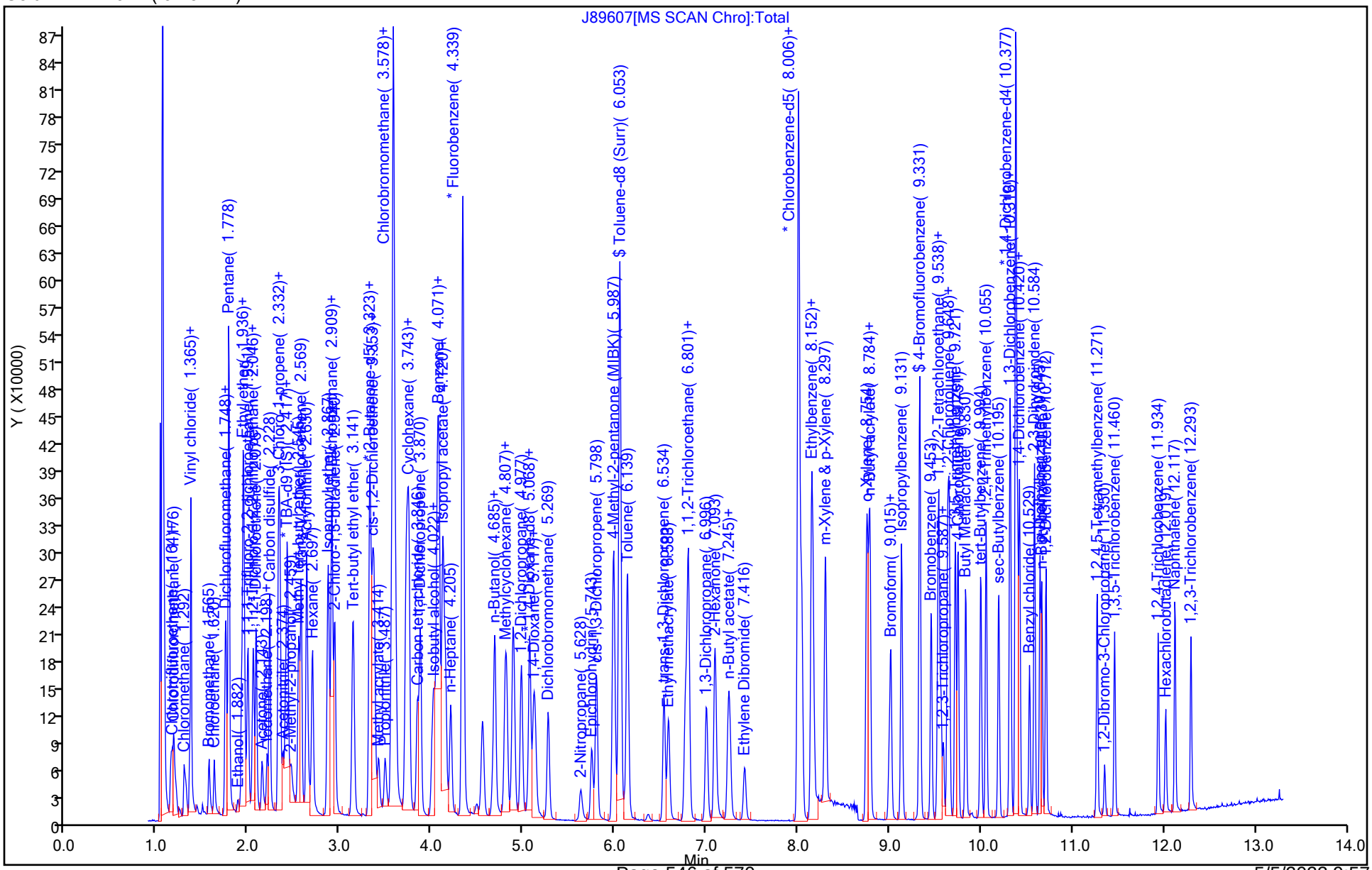
Lims ID: 460-279242-A-5 MSD Worklist Smp#: 21

Client ID: A-02

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



5/5/2023 9:57 AM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\J89607.D				
Lims ID:	460-279242-A-5 MSD				
Client ID:	A-02				
Sample Type:	MSD				
Inject. Date:	03-May-2023 03:49:30	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:					
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20230502-159945.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	03-May-2023 09:52:47	Calib Date:	14-Apr-2023 03:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1680				

First Level Reviewer: KG2Q Date: 03-May-2023 09:51:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.3	108.52
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.9	117.84
$ 83 Toluene-d8 (Surr)	50.0	49.8	99.56
$ 105 4-Bromofluorobenzene	50.0	49.0	98.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-279242-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-279227-B-1 MSD

Matrix: Water | Lab File ID: J89643.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/03/2023 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.20
75-34-3	1,1-Dichloroethane	24.3		1.0	0.26
75-35-4	1,1-Dichloroethene	23.2		1.0	0.26
107-06-2	1,2-Dichloroethane	22.4		1.0	0.43
78-87-5	1,2-Dichloropropane	20.7		1.0	0.35
591-78-6	2-Hexanone	87.4		5.0	1.1
67-64-1	Acetone	91.6		5.0	4.4
71-43-2	Benzene	20.7		1.0	0.20
75-27-4	Bromodichloromethane	20.5		1.0	0.34
75-25-2	Bromoform	18.8		1.0	0.54
74-83-9	Bromomethane	23.9		1.0	0.55
75-15-0	Carbon disulfide	23.8		1.0	0.82
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	20.8		1.0	0.38
75-00-3	Chloroethane	24.9		1.0	0.32
67-66-3	Chloroform	23.0		1.0	0.33
74-87-3	Chloromethane	24.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.22
124-48-1	Dibromochloromethane	19.8		1.0	0.28
100-41-4	Ethylbenzene	26.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	95.5		5.0	1.9
108-10-1	methyl isobutyl ketone	92.1		5.0	1.3
75-09-2	Methylene Chloride	22.9		1.0	0.32
100-42-5	Styrene	20.0		1.0	0.42
127-18-4	Tetrachloroethene	21.4		1.0	0.25
108-88-3	Toluene	23.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31
75-01-4	Vinyl chloride	26.0		1.0	0.17
1330-20-7	Xylenes, Total	57.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-279227-B-1 MSD

Matrix: Water Lab File ID: J89643.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2023 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 906691 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89643.D
Lims ID: 460-279227-B-1 MSD
Client ID: GAI-15S
Sample Type: MSD
Inject. Date: 03-May-2023 18:34:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279227-B-1 MSD
Misc. Info.: 460-0159967-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 02:22:11 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 04-May-2023 02:22:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.139	1.136	0.003	98	4398	20.0	19.3	
4 Dichlorodifluoromethane	85	1.163	1.161	0.002	99	71013	20.0	27.8	
5 Chlorodifluoromethane	67	1.181	1.179	0.002	97	10351	20.0	25.0	
6 Chloromethane	50	1.291	1.295	-0.004	99	74983	20.0	24.9	
7 Vinyl chloride	62	1.352	1.349	0.003	98	76378	20.0	26.0	
8 Butadiene	54	1.364	1.368	-0.004	94	81315	20.0	27.0	
9 Bromomethane	94	1.565	1.562	0.003	99	30490	20.0	23.9	
10 Chloroethane	64	1.619	1.617	0.002	98	37154	20.0	24.9	
12 Dichlorofluoromethane	67	1.741	1.739	0.002	98	108018	20.0	25.3	
11 Trichlorofluoromethane	101	1.747	1.751	-0.004	98	94940	20.0	27.1	
13 Pentane	43	1.777	1.781	-0.004	96	228338	40.0	56.0	
14 Ethanol	46	1.875	1.878	-0.003	97	5730	800.0	1944.4	
15 Ethyl ether	59	1.917	1.921	-0.004	91	51664	20.0	24.6	
16 2-Methyl-1,3-butadiene	53	1.935	1.939	-0.004	96	62710	20.0	25.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.948	1.945	0.003	97	45484	20.0	25.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.984	1.988	-0.004	96	88633	20.0	25.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.045	2.043	0.002	96	57775	20.0	25.2	
19 Acrolein	56	2.051	2.049	0.002	95	11753	40.0	34.5	
21 1,1-Dichloroethene	96	2.075	2.079	-0.004	93	51451	20.0	23.2	
22 Acetone	43	2.142	2.140	0.002	84	71760	100.0	91.6	
23 Iodomethane	142	2.197	2.195	0.002	99	46894	20.0	15.7	
25 Isopropyl alcohol	45	2.197	2.201	-0.004	48	27813	200.0	343.0	a
24 Carbon disulfide	76	2.227	2.225	0.002	100	201850	20.0	23.8	
26 3-Chloro-1-propene	76	2.319	2.322	-0.003	96	32319	20.0	21.9	
28 Methyl acetate	43	2.325	2.322	0.003	99	92776	40.0	40.6	
27 Cyclopentene	67	2.337	2.341	-0.004	92	133914	20.0	24.1	
29 Acetonitrile	41	2.367	2.371	-0.004	96	71049	200.0	242.3	
* 30 TBA-d9 (IS)	65	2.404	2.401	0.003	79	212195	1000.0	1000.0	
31 Methylene Chloride	84	2.422	2.420	0.002	98	58664	20.0	22.9	
32 2-Methyl-2-propanol	59	2.458	2.456	0.002	99	42159	200.0	277.1	
33 Methyl tert-butyl ether	73	2.544	2.541	0.003	97	160785	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.568	2.572	-0.004	98	57608	20.0	22.2	
35 Acrylonitrile	53	2.629	2.626	0.003	93	193287	200.0	204.3	
36 Hexane	57	2.690	2.693	-0.003	93	61614	20.0	23.6	
37 Isopropyl ether	45	2.860	2.864	-0.004	98	240665	20.0	23.3	
38 1,1-Dichloroethane	63	2.896	2.900	-0.004	99	126055	20.0	24.3	
39 Vinyl acetate	43	2.902	2.906	-0.004	100	276982	40.0	53.2	
40 2-Chloro-1,3-butadiene	88	2.933	2.937	-0.004	94	52921	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.134	3.137	-0.003	87	189061	20.0	21.8	
* 43 2-Butanone-d5	46	3.316	3.314	0.002	98	320667	250.0	250.0	
42 2,2-Dichloropropane	79	3.322	3.326	-0.004	96	28519	20.0	20.9	
44 cis-1,2-Dichloroethene	96	3.346	3.350	-0.004	92	62308	20.0	21.4	
46 2-Butanone (MEK)	72	3.365	3.362	0.003	94	24115	100.0	95.5	
45 Ethyl acetate	70	3.365	3.368	-0.003	96	11039	40.0	34.8	
47 Methyl acrylate	55	3.413	3.417	-0.004	99	50877	20.0	21.4	
48 Propionitrile	54	3.486	3.484	0.002	97	69566	200.0	222.7	
50 Chlorobromomethane	128	3.553	3.551	0.002	97	29116	20.0	21.0	
49 Tetrahydrofuran	72	3.553	3.557	-0.004	91	12955	40.0	41.7	
51 Methacrylonitrile	67	3.577	3.575	0.002	97	217229	200.0	221.7	
52 Chloroform	83	3.596	3.599	-0.003	97	110782	20.0	23.0	
53 Cyclohexane	84	3.717	3.715	0.002	98	72926	20.0	22.7	
54 1,1,1-Trichloroethane	97	3.729	3.727	0.002	98	93183	20.0	22.6	
$ 55 Dibromofluoromethane (Surr)	113	3.742	3.745	-0.003	96	135200	50.0	54.5	
56 Carbon tetrachloride	117	3.839	3.843	-0.004	98	77283	20.0	21.2	
57 1,1-Dichloropropene	75	3.869	3.873	-0.004	94	85874	20.0	21.5	
58 Isobutyl alcohol	43	4.003	4.001	0.002	94	79070	500.0	637.6	
59 Isooctane	57	4.021	4.025	-0.004	97	116606	20.0	22.7	
60 Benzene	78	4.052	4.056	-0.004	98	240002	20.0	20.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.074	-0.004	0	165463	50.0	56.9	
62 Isopropyl acetate	43	4.113	4.116	-0.003	94	198959	20.0	22.3	
63 Tert-amyl methyl ether	55	4.119	4.116	0.003	92	45585	20.0	23.2	
64 1,2-Dichloroethane	62	4.143	4.147	-0.004	95	89346	20.0	22.4	
65 n-Heptane	57	4.204	4.201	0.003	97	23302	20.0	20.6	
* 66 Fluorobenzene	96	4.332	4.335	-0.003	98	549572	50.0	50.0	
67 n-Butanol	56	4.660	4.670	-0.010	97	23970	500.0	736.6	
68 Trichloroethene	95	4.684	4.682	0.002	97	58527	20.0	19.5	
69 Methylcyclohexane	83	4.800	4.804	-0.004	86	63212	20.0	21.2	
70 Ethyl acrylate	55	4.812	4.816	-0.004	97	126824	20.0	20.3	
71 1,2-Dichloropropane	63	4.970	4.974	-0.004	89	68248	20.0	20.7	
* 72 1,4-Dioxane-d8	96	5.049	5.047	0.002	0	22403	1000.0	1000.0	
73 Methyl methacrylate	100	5.067	5.065	0.002	95	21923	40.0	34.8	
75 1,4-Dioxane	88	5.110	5.108	0.002	31	8845	400.0	847.6	
74 Dibromomethane	93	5.110	5.108	0.002	96	38642	20.0	20.7	
76 n-Propyl acetate	43	5.122	5.126	-0.004	98	85112	20.0	19.7	
77 Dichlorobromomethane	83	5.268	5.266	0.002	98	78683	20.0	20.5	
78 2-Nitropropane	41	5.621	5.624	-0.003	99	20109	40.0	23.9	
80 Epichlorohydrin	57	5.742	5.740	0.002	99	55354	400.0	240.9	
81 cis-1,3-Dichloropropene	75	5.797	5.795	0.002	96	96663	20.0	19.0	
82 4-Methyl-2-pentanone (MIBK)	43	5.980	5.977	0.003	98	280256	100.0	92.1	
$ 83 Toluene-d8 (Surr)	98	6.046	6.050	-0.004	98	444635	50.0	48.4	
84 Toluene	91	6.132	6.135	-0.003	93	263987	20.0	23.0	
85 trans-1,3-Dichloropropene	75	6.533	6.537	-0.004	97	82640	20.0	18.7	
86 Ethyl methacrylate	69	6.582	6.579	0.003	97	62200	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.764	6.768	-0.004	95	44589	20.0	20.0	
88 Tetrachloroethene	166	6.794	6.798	-0.004	96	59089	20.0	21.4	
89 1,3-Dichloropropane	76	6.995	6.999	-0.004	98	82241	20.0	19.9	
90 2-Hexanone	58	7.086	7.090	-0.004	99	85266	100.0	87.4	
91 n-Butyl acetate	43	7.232	7.236	-0.004	96	89298	20.0	19.2	
92 Chlorodibromomethane	129	7.251	7.254	-0.003	98	54444	20.0	19.8	
93 Ethylene Dibromide	107	7.415	7.412	0.003	99	49411	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.999	8.002	-0.003	88	390338	50.0	50.0	
95 Chlorobenzene	112	8.035	8.039	-0.004	95	141863	20.0	20.8	
96 Ethylbenzene	106	8.145	8.148	-0.003	99	95315	20.0	26.6	
97 1,1,1,2-Tetrachloroethane	131	8.163	8.160	0.003	94	49582	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.297	8.300	-0.003	0	135407	20.0	30.9	
99 o-Xylene	106	8.747	8.750	-0.003	93	111856	20.0	26.2	
100 n-Butyl acrylate	73	8.765	8.769	-0.004	95	37628	20.0	18.3	
101 Styrene	104	8.783	8.787	-0.004	94	140500	20.0	20.0	
103 Bromoform	173	8.996	8.994	0.002	97	31972	20.0	18.8	
102 Amyl acetate (mixed isomers)	43	9.008	9.012	-0.004	87	93827	20.0	18.8	
104 Isopropylbenzene	105	9.130	9.133	-0.003	97	210417	20.0	22.5	
$ 105 4-Bromofluorobenzene	174	9.330	9.328	0.002	96	128687	50.0	49.2	
106 Bromobenzene	156	9.452	9.456	-0.004	94	59883	20.0	20.7	
107 1,1,2,2-Tetrachloroethane	83	9.525	9.523	0.002	98	58737	20.0	21.0	
108 N-Propylbenzene	91	9.537	9.535	0.002	99	232217	20.0	21.8	
109 1,2,3-Trichloropropane	110	9.561	9.559	0.002	97	13806	20.0	20.5	
110 trans-1,4-Dichloro-2-butene	53	9.586	9.590	-0.004	87	15146	20.0	17.5	
111 2-Chlorotoluene	91	9.634	9.632	0.002	97	166289	20.0	21.4	
112 4-Ethyltoluene	105	9.647	9.650	-0.003	98	257425	20.0	29.1	
113 1,3,5-Trimethylbenzene	105	9.714	9.717	-0.003	92	167420	20.0	22.4	
114 4-Chlorotoluene	91	9.744	9.748	-0.004	98	145732	20.0	19.5	
115 Butyl Methacrylate	87	9.829	9.833	-0.004	97	56791	20.0	18.0	
116 tert-Butylbenzene	119	9.993	9.997	-0.004	92	112516	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.054	10.052	0.002	98	225593	20.0	28.6	
118 sec-Butylbenzene	105	10.188	10.192	-0.004	99	155035	20.0	20.3	
120 1,3-Dichlorobenzene	146	10.309	10.313	-0.004	95	91051	20.0	19.8	
119 4-Isopropyltoluene	119	10.322	10.319	0.003	97	131774	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	10.376	10.380	-0.004	96	192413	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.395	10.398	-0.003	95	96560	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	10.419	10.423	-0.004	99	197221	20.0	24.0	
124 Benzyl chloride	91	10.528	10.526	0.002	98	72270	20.0	14.1	
125 2,3-Dihydroindene	117	10.583	10.581	0.002	94	445069	20.0	54.4	
126 p-Diethylbenzene	119	10.644	10.642	0.002	92	81658	20.0	21.4	
127 n-Butylbenzene	92	10.662	10.666	-0.004	98	63294	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.711	10.708	0.003	95	88781	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.264	11.268	-0.004	97	121530	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.349	11.347	0.002	94	10252	20.0	19.0	
131 1,3,5-Trichlorobenzene	180	11.459	11.463	-0.004	97	52833	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	11.933	11.937	-0.004	93	53757	20.0	20.7	
133 Hexachlorobutadiene	225	12.018	12.016	0.002	96	17993	20.0	20.5	
134 Naphthalene	128	12.116	12.119	-0.003	99	3027220	20.0	421.0	
135 1,2,3-Trichlorobenzene	180	12.292	12.296	-0.004	96	49734	20.0	21.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.6	
S 137 Xylenes, Total	100				0		40.0	57.1	
S 138 Total BTEX	1				0		100.0	127.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00527	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00152	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

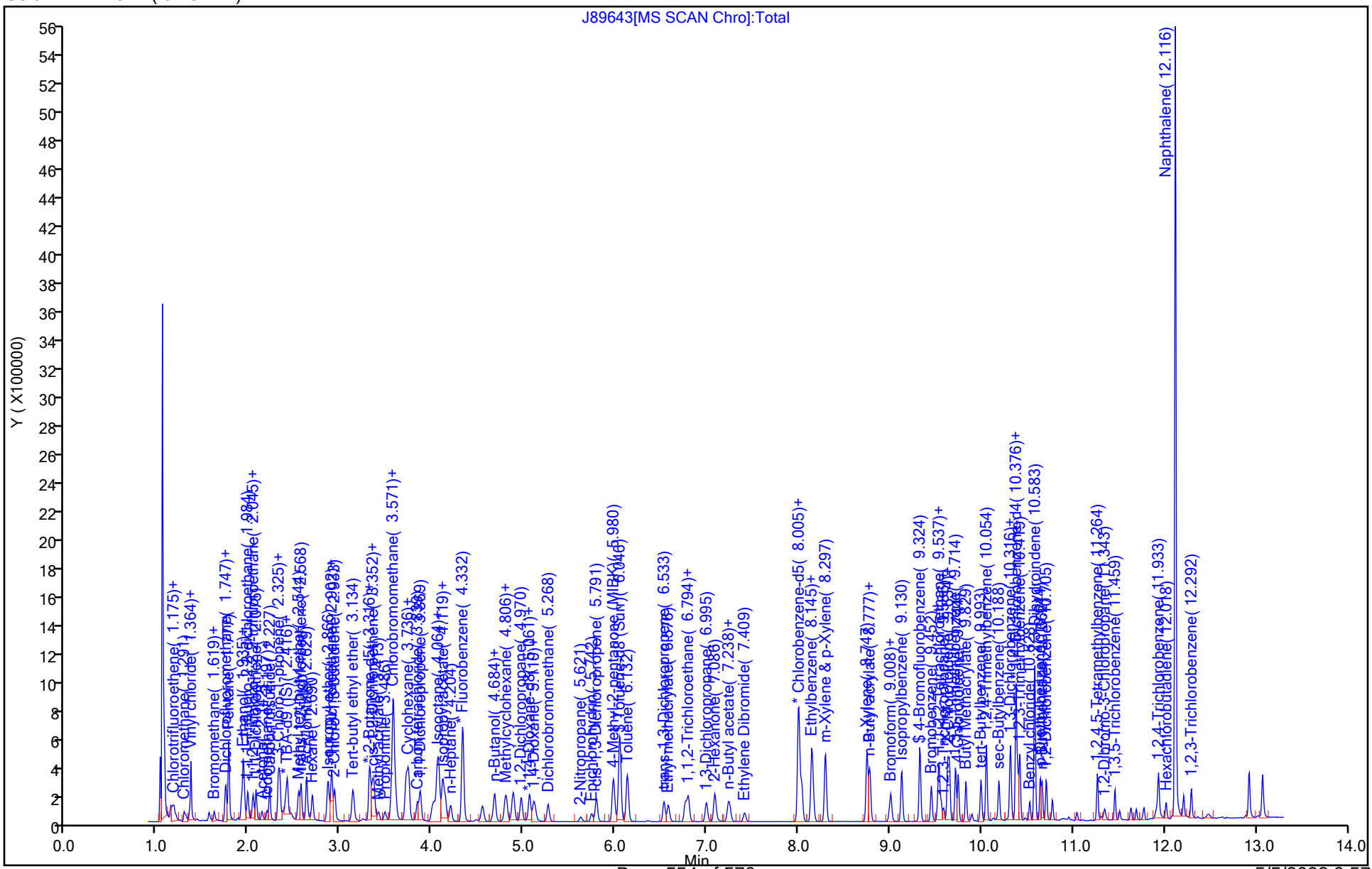
Report Date: 04-May-2023 02:22:11 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89643.D

Injection Date:	03-May-2023 18:34:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-279227-B-1 MSD			Worklist Smp#:	29
Client ID:	GAI-15S				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)


J89643[MS SCAN Chro]:Total
Y (X100000)
Min
Naphthalene(12.116)
1,2,3-Trichlorobenzene(12.292)
Hexachlorobutadiene(12.018)
1,2,4-Trichlorobenzene(11.933)
1,3,5-Trichlorobenzene(11.459)
1,2,4,5-Tetramethylbenzene(11.264)
* Chlorobenzene-d5(8.005)+
Ethylbenzene(8.145)+
m-Xylene & p-Xylene(8.297)
Bromoform(9.008)+
Isopropylbenzene(9.130)
$ 4-Bromofluorobenzene(9.324)
Bromobenzene(9.537)+
n-Butylbenzene(9.714)
ter-Butylbenzene(9.893)
sec-Butylbenzene(10.054)
1,3-Dichlorobenzene(10.188)
1,4-Dichlorobenzene(10.316)+
Benzyl Chloride(10.376)+
1,2-Dichlorobenzene(10.583)
1,2-Dibromo-3-Chloropropane(10.705)
Dichlorotrifluoroethene(1.175)+
Chloroform(1.364)+
Bromomethane(1.619)+
Dichlorofluoromethane(1.747)+
Vinyl Chloride(1.804)+
Chloroethane(1.935)+
Trichlorofluoromethane(1.984)+
Acrolein(2.227)
Acetone(2.325)+
* TBA-d9 (S)(2.416)+
Methyl Iodide(2.568)+
Allyl Chloride(2.568)+
Hexane(2.568)+
Carbon Disulfide(2.568)+
Methylene Chloride(2.568)+
Acrylonitrile(2.568)+
Tert-butyl ethyl ether(3.134)
* 2-Butanone-d5(3.352)+
Propionitrile(3.352)+
Methacrylonitrile(3.352)+
Chloroprene(3.352)+
Methyl tert-butyl ether(3.352)+
Cyclohexane(3.736)+
Carbon Tetrachloride(3.736)+
Isopropyl Ether(3.736)+
n-Heptane(4.064)+
Isopropanol(4.064)+
* Fluorobenzene(4.332)
n-Butanol(4.684)+
Methylcyclohexane(4.806)+
1,2-Dichloropropane(4.970)
1,4-Dioxane(4.970)
Dichlorobromomethane(5.268)
2-Nitropropane(5.621)
Ethyl Methacrylate(5.791)
4-Methyl-2-pentanone (MIBK)(5.980)
Toluene(6.132)
trans-1,3-Dichloropropene(6.533)
1,1,2-Trichloroethane(6.794)+
2-Hexanone(6.995)
1,3-Dichloropropane(7.088)
n-Butyl acetate(7.238)+
Ethylene Dibromide(7.409)
Chlorobenzene-d5(3.571)+
Tetrachloroethene(3.571)+
Chlorobromomethane(3.571)+
Dibromofluoromethane

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\J89643.D
Lims ID: 460-279227-B-1 MSD
Client ID: GAI-15S
Sample Type: MSD
Inject. Date: 03-May-2023 18:34:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-279227-B-1 MSD
Misc. Info.: 460-0159967-029
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230503-159967.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 04-May-2023 02:22:11 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: HVW2 Date: 04-May-2023 02:22:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	54.5	108.96
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.9	113.71
$ 83 Toluene-d8 (Surr)	50.0	48.4	96.72
$ 105 4-Bromofluorobenzene	50.0	49.2	98.31

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 04/13/2023 23:30

Analysis Batch Number: 903054 End Date: 04/14/2023 06:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-903054/1		04/13/2023 23:30	1	J88838.D	Rtx-624 0.25(mm)
STD7 460-903054/3 IC		04/14/2023 00:39	1	J88840.D	Rtx-624 0.25(mm)
STD1 460-903054/4 IC		04/14/2023 01:04	1	J88841.D	Rtx-624 0.25(mm)
STD5 460-903054/5 IC		04/14/2023 01:29	1	J88842.D	Rtx-624 0.25(mm)
STD20 460-903054/6 ICIS		04/14/2023 01:54	1	J88843.D	Rtx-624 0.25(mm)
STD50 460-903054/7 IC		04/14/2023 02:19	1	J88844.D	Rtx-624 0.25(mm)
STD200 460-903054/8 IC		04/14/2023 02:44	1	J88845.D	Rtx-624 0.25(mm)
STD500 460-903054/9 IC		04/14/2023 03:09	1	J88846.D	Rtx-624 0.25(mm)
ICV 460-903054/17		04/14/2023 06:30	1	J88854.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 05/02/2023 19:52

Analysis Batch Number: 906605 End Date: 05/03/2023 05:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-906605/2		05/02/2023 19:52	1	J89588.D	Rtx-624 0.25(mm)
LCS 460-906605/4		05/02/2023 20:42	1	J89590.D	Rtx-624 0.25(mm)
MB 460-906605/8		05/02/2023 22:22	1	J89594.D	Rtx-624 0.25(mm)
460-279242-14	Trip Blank	05/02/2023 22:47	1	J89595.D	Rtx-624 0.25(mm)
460-279242-13	FB0427	05/02/2023 23:12	1	J89596.D	Rtx-624 0.25(mm)
ZZZZZ		05/02/2023 23:38	1		Rtx-624 0.25(mm)
460-279242-1	A-15	05/03/2023 00:03	1	J89598.D	Rtx-624 0.25(mm)
460-279242-4	MW-113	05/03/2023 00:28	1	J89599.D	Rtx-624 0.25(mm)
460-279242-5	A-02	05/03/2023 00:53	1	J89600.D	Rtx-624 0.25(mm)
460-279242-9	A-07	05/03/2023 01:18	1	J89601.D	Rtx-624 0.25(mm)
460-279242-10	A-05	05/03/2023 01:43	1	J89602.D	Rtx-624 0.25(mm)
460-279242-11	A-09	05/03/2023 02:08	1	J89603.D	Rtx-624 0.25(mm)
460-279242-12	A-10	05/03/2023 02:33	1	J89604.D	Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 02:59	1		Rtx-624 0.25(mm)
460-279242-5 MS	A-02 MS	05/03/2023 03:24	1	J89606.D	Rtx-624 0.25(mm)
460-279242-5 MSD	A-02 MSD	05/03/2023 03:49	1	J89607.D	Rtx-624 0.25(mm)
460-279242-6	A-06	05/03/2023 05:29	2	J89611.D	Rtx-624 0.25(mm)
460-279242-7	A-066	05/03/2023 05:54	2	J89612.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 05/03/2023 07:17

Analysis Batch Number: 906691 End Date: 05/03/2023 18:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-906691/2		05/03/2023 07:17	1	J89616.D	Rtx-624 0.25(mm)
LCS 460-906691/3		05/03/2023 07:42	1	J89617.D	Rtx-624 0.25(mm)
LCSD 460-906691/4		05/03/2023 08:07	1	J89618.D	Rtx-624 0.25(mm)
MB 460-906691/9		05/03/2023 10:12	1	J89623.D	Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 10:38	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 11:02	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 11:28	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 11:53	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 12:18	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 12:43	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 13:08	10		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 13:33	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 13:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 14:23	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 14:48	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 15:13	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 15:38	1		Rtx-624 0.25(mm)
ZZZZZ		05/03/2023 16:04	1		Rtx-624 0.25(mm)
460-279242-2	ME-8	05/03/2023 16:54	1	J89639.D	Rtx-624 0.25(mm)
460-279242-8	A-08	05/03/2023 17:19	2	J89640.D	Rtx-624 0.25(mm)
460-279242-3	ME-13	05/03/2023 17:44	2	J89641.D	Rtx-624 0.25(mm)
460-279227-B-1 MS		05/03/2023 18:09	1	J89642.D	Rtx-624 0.25(mm)
460-279227-B-1 MSD		05/03/2023 18:34	1	J89643.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00155	524freon 00066	8260 SP 00165	8260ISNEW 00171
BFB 460-903054/1		8260D		5 mL	5 mL				
STD7 460-903054/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-903054/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-903054/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-903054/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-903054/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-903054/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-903054/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-903054/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00168	8260SURR250 00236	8FreonHi 00055	8FreonsSS 00056	ACROLEIN SP 00149	ACROLEIN W 00151
BFB 460-903054/1		8260D							
STD7 460-903054/3 IC		8260D			1 uL				
STD1 460-903054/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-903054/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-903054/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-903054/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-903054/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-903054/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-903054/17		8260D			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00111	BFB 00033	Ethanol mix 00075	GAS C SP 00510	GAS Hi 00440	GASES Li 00524
BFB 460-903054/1		8260D			1 uL				
STD7 460-903054/3 IC		8260D		20 uL					2.5 uL
STD1 460-903054/4 IC		8260D							10 uL
STD5 460-903054/5 IC		8260D							10 uL
STD20 460-903054/6 ICIS		8260D							20 uL
STD50 460-903054/7 IC		8260D							50 uL
STD200 460-903054/8 IC		8260D				20 uL		20 uL	
STD500 460-903054/9 IC		8260D				50 uL		50 uL	
ICV 460-903054/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00134	MIX I Hi 00161				
BFB 460-903054/1		8260D							
STD7 460-903054/3 IC		8260D							
STD1 460-903054/4 IC		8260D							
STD5 460-903054/5 IC		8260D							
STD20 460-903054/6 ICIS		8260D							
STD50 460-903054/7 IC		8260D							
STD200 460-903054/8 IC		8260D		20 uL	20 uL				
STD500 460-903054/9 IC		8260D		50 uL	50 uL				
ICV 460-903054/17		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 906605 Batch Start Date: 05/02/23 19:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00067	8260ISNEW 00171	8260MIX1COMB 00168
CCVIS 460-906605/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-906605/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-906605/8		8260D		5 mL	5 mL			1 uL	
460-279242-A-14	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-13	FB0427	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-1	A-15	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-4	MW-113	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-5	A-02	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-9	A-07	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-10	A-05	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-11	A-09	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-12	A-10	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-5 MS	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-279242-A-5 MSD	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-279242-A-6	A-06	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-A-7	A-066	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00238	ACROLEIN W 00152	GASES Li 00527			
CCVIS 460-906605/2		8260D		1 uL	4 uL	20 uL			
LCS 460-906605/4		8260D		1 uL	4 uL	20 uL			
MB 460-906605/8		8260D		1 uL					
460-279242-A-14	Trip Blank	8260D	T	1 uL					
460-279242-A-13	FB0427	8260D	T	1 uL					
460-279242-A-1	A-15	8260D	T	1 uL					
460-279242-A-4	MW-113	8260D	T	1 uL					
460-279242-A-5	A-02	8260D	T	1 uL					
460-279242-A-9	A-07	8260D	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 906605 Batch Start Date: 05/02/23 19:52 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00238	ACROLEIN W 00152	GASES Li 00527			
460-279242-A-10	A-05	8260D	T	1 uL					
460-279242-A-11	A-09	8260D	T	1 uL					
460-279242-A-12	A-10	8260D	T	1 uL					
460-279242-A-5 MS	A-02	8260D	T	1 uL	4 uL	20 uL			
460-279242-A-5 MSD	A-02	8260D	T	1 uL	4 uL	20 uL			
460-279242-A-6	A-06	8260D	T	1 uL					
460-279242-A-7	A-066	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 906691 Batch Start Date: 05/03/23 07:17 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00067	8260ISNEW 00171	8260MIX1COMB 00168
CCVIS 460-906691/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-906691/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-906691/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-906691/9		8260D		5 mL	5 mL			1 uL	
460-279242-B-2	ME-8	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-B-8	A-08	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279242-B-3	ME-13	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-279227-B-1 MS	GAI-15S	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-279227-B-1 MSD	GAI-15S	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00238	ACROLEIN W 00152	GASES Li 00527			
CCVIS 460-906691/2		8260D		1 uL	4 uL	20 uL			
LCS 460-906691/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-906691/4		8260D		1 uL	4 uL	20 uL			
MB 460-906691/9		8260D		1 uL					
460-279242-B-2	ME-8	8260D	T	1 uL					
460-279242-B-8	A-08	8260D	T	1 uL					
460-279242-B-3	ME-13	8260D	T	1 uL					
460-279227-B-1 MS	GAI-15S	8260D	T	1 uL	4 uL	20 uL			
460-279227-B-1 MSD	GAI-15S	8260D	T	1 uL	4 uL	20 uL			

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-279242-1

SDG No.:

Batch Number: 906691 Batch Start Date: 05/03/23 07:17 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

610396

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Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager	Site Contact	Date	COC No
Company Name: FPM Group	Ben Cancemi	Jake Stumm	4/27/23	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Tel/Email: b.cancemi@fpm-group.com	Lab Contact: Carin Ferris	Carrier	Sampler
City/State/Zip: Bohemia, NY, 11716	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only: Walk in Client / Lab Sampling
Phone: 631-737-6200	TAT if different from Below: STD			Job / SDG No: 279242
Fax	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			
Project Name: Metro Regency Center				
Site: 90-30 Metropolitan Ave, Queens NY				
PO #: 106eq-19-07				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes
A-15	4/27/23	8:00	G	GW	3	N	N	X	1
ME-8		8:30							2
ME-13		8:50							3
MW-113		9:15							4
A-02		9:30			9		Y		* MS/MSD * 5
A-06		10:00			3		N		6
A-066		10:01							7

460-279242 Chain of Custody

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

Possible Hazard Identification

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

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

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

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

Special Instructions/QC Requirements & Comments

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

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
	FPM Group	4/27/23			4/28/ 1400
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
					4/28/23 170
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
		0823 190		TA	4-28-23 1900

16 11-6 TR4

5/5/2023 9:57 AM

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Chain of Custody Record

610397

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TAL-8210

5/5/2023 9:57 AM

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager	Site Contact	Date	COC No
Company Name: FPM Group	Tel/Email: b.carcemi@fpm-group.com	Lab Contact: Carin Ferris	Carrier	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone: 631-737-6200	TAT if different from Below: STD			Walk in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name: Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			Job / SDG No: 279247
P O #: 1066g-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes
A-08	4/27/23	10:25	G	GW	3	N	N	X	
A-07		10:55							
A-05		11:05							
A-09		11:20							
A-10		11:40							
FB0427		14:00		AQ					* 2 not 3 vials *
Trip Blank		14:30			2				

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

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

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

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

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

Special Instructions/QC Requirements & Comments

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

	Relinquished by	Company	Date/Time	Received by	Company	Date/Time
1		FPM Group	4/27/23			4/28 1400
2			4/28/23 1200			4/28/23 1200
3			4/28/23 1900	Received in Laboratory by	BJA	4-28-23 1900

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Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 279242

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.6 °C	1.6 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

Lot # of Preservative(s) _____ Expiration Date _____

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

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

EDS-WI-038 Rev 4 1
10/22/2019

Initials: [signature] Date 5/4/23

5/5/2023 9:57 AM

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-279242-1

Login Number: 279242
List Number: 1
Creator: Hall, Alonzo

List Source: Eurofins Edison

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/17/2023 3:03 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-285954-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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

Compliance Statement

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

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-285954-1

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

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

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

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

RECEIPT
The samples were received on 8/10/2023 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): MW-13 (460-285954-14)

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

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-285954-1), ME-8 (460-285954-2), ME-113 (460-285954-3), A-02 (460-285954-4), A-06 (460-285954-5), A-066 (460-285954-6), A-08 (460-285954-7), A-07 (460-285954-8), A-05 (460-285954-9), A-09 (460-285954-10), A-10 (460-285954-11), FB0809 (460-285954-12), Trip Blank (460-285954-13) and MW-13 (460-285954-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/14/2023, 08/15/2023 and 08/16/2023.

Samples A-08 (460-285954-7)[2X] and MW-13 (460-285954-14)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-926520 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-926363 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Bromoform, Chloroethane, Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-926363 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: A-08 (460-285954-7) and MW-13 (460-285954-14). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-926740 was outside the method criteria for the following analytes: trans-1,2-Dichloroethene and Trichloroethene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-285954-1	A-15	Water	08/09/23 07:40	08/10/23 19:00
460-285954-2	ME-8	Water	08/09/23 08:20	08/10/23 19:00
460-285954-3	ME-113	Water	08/09/23 09:25	08/10/23 19:00
460-285954-4	A-02	Water	08/09/23 10:10	08/10/23 19:00
460-285954-5	A-06	Water	08/09/23 10:45	08/10/23 19:00
460-285954-6	A-066	Water	08/09/23 10:47	08/10/23 19:00
460-285954-7	A-08	Water	08/09/23 11:10	08/10/23 19:00
460-285954-8	A-07	Water	08/09/23 11:50	08/10/23 19:00
460-285954-9	A-05	Water	08/09/23 12:45	08/10/23 19:00
460-285954-10	A-09	Water	08/09/23 13:10	08/10/23 19:00
460-285954-11	A-10	Water	08/09/23 13:45	08/10/23 19:00
460-285954-12	FB0809	Water	08/09/23 15:30	08/10/23 19:00
460-285954-13	Trip Blank	Water	08/09/23 15:00	08/10/23 19:00
460-285954-14	MW-13	Water	08/09/23 08:50	08/10/23 19:00

Detection Summary

Client: FPM Group Limited
Project/Site: (Metro) 90-30 Metropolitan Ave

Job ID: 460-285954-1

Client Sample ID: A-15 — Lab Sample ID: 460-285954-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	19		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-285954-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	190		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-113 — Lab Sample ID: 460-285954-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-285954-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.21	J	1.0	0.20	ug/L	1		8260D	Total/NA
Tetrachloroethene	21		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-285954-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.2		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	400		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.51	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-285954-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	390		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.62	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-285954-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	780		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	1.4	J	2.0	0.63	ug/L	2		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-285954-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	51		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-05 — Lab Sample ID: 460-285954-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	170		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-09 — Lab Sample ID: 460-285954-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	27		1.0	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-10
Lab Sample ID: 460-285954-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	25		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: FB0809
Lab Sample ID: 460-285954-12

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 460-285954-13

No Detections.

Client Sample ID: MW-13
Lab Sample ID: 460-285954-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	630		2.0	0.50	ug/L	2		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Protocol References:

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

Laboratory References:

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

Client Sample ID: A-15
Lab Sample ID: 460-285954-1

Date Collected: 08/09/23 07:40
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 14:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 14:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 14:13	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 14:13	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 14:13	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 14:13	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 14:13	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 14:13	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 14:13	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 14:13	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 14:13	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 14:13	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 14:13	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 14:13	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 14:13	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 14:13	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 14:13	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 14:13	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 14:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 14:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:13	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 14:13	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 14:13	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 14:13	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 14:13	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 14:13	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 14:13	1
Tetrachloroethene	**19**		1.0	0.25	ug/L			08/14/23 14:13	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 14:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 14:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:13	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 14:13	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 14:13	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*08/14/23 14:13*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*08/14/23 14:13*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/14/23 14:13*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*08/14/23 14:13*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-285954-2

Date Collected: 08/09/23 08:20
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 14:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 14:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 14:35	1

Client Sample ID: ME-8
Lab Sample ID: 460-285954-2

Date Collected: 08/09/23 08:20
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 14:35	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 14:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 14:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 14:35	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 14:35	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 14:35	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 14:35	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 14:35	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 14:35	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 14:35	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 14:35	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 14:35	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 14:35	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 14:35	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 14:35	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 14:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 14:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:35	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 14:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 14:35	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 14:35	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 14:35	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 14:35	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 14:35	1
Tetrachloroethene	**190**		1.0	0.25	ug/L			08/14/23 14:35	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 14:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 14:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:35	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 14:35	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 14:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*08/14/23 14:35*	*1*
4-Bromofluorobenzene	*113*		*76 - 120*		*08/14/23 14:35*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*08/14/23 14:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/14/23 14:35*	*1*

Client Sample ID: ME-113
Lab Sample ID: 460-285954-3

Date Collected: 08/09/23 09:25
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 14:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 14:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 14:56	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 14:56	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 14:56	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 14:56	1

Client Sample ID: ME-113
Date Collected: 08/09/23 09:25
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 14:56	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 14:56	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 14:56	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 14:56	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 14:56	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 14:56	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 14:56	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 14:56	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 14:56	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 14:56	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 14:56	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 14:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 14:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 14:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:56	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 14:56	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 14:56	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 14:56	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 14:56	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 14:56	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 14:56	1
Tetrachloroethene	**28**		1.0	0.25	ug/L			08/14/23 14:56	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 14:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 14:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 14:56	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 14:56	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 14:56	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*08/14/23 14:56*	*1*
4-Bromofluorobenzene	*117*		*76 - 120*		*08/14/23 14:56*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*08/14/23 14:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/14/23 14:56*	*1*

Client Sample ID: A-02
Date Collected: 08/09/23 10:10
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 13:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 13:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 13:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 13:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 13:52	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 13:52	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 13:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 13:52	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 13:52	1

Client Sample ID: A-02
Date Collected: 08/09/23 10:10
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.21**	**J**	1.0	0.20	ug/L			08/14/23 13:52	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 13:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 13:52	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 13:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 13:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 13:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 13:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 13:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 13:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 13:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 13:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 13:52	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 13:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 13:52	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 13:52	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 13:52	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 13:52	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 13:52	1
Tetrachloroethene	**21**		1.0	0.25	ug/L			08/14/23 13:52	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 13:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 13:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 13:52	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 13:52	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 13:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*08/14/23 13:52*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*08/14/23 13:52*	*1*
Dibromofluoromethane (Surr)	*94*		*77 - 132*		*08/14/23 13:52*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/14/23 13:52*	*1*

Client Sample ID: A-06
Date Collected: 08/09/23 10:45
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/16/23 05:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/16/23 05:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/16/23 05:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/16/23 05:50	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/16/23 05:50	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/16/23 05:50	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/16/23 05:50	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/16/23 05:50	1
Acetone	5.0	U	5.0	4.4	ug/L			08/16/23 05:50	1
Benzene	1.0	U	1.0	0.20	ug/L			08/16/23 05:50	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/16/23 05:50	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/16/23 05:50	1

Client Sample ID: A-06
Date Collected: 08/09/23 10:45
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			08/16/23 05:50	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/16/23 05:50	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/16/23 05:50	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/16/23 05:50	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/16/23 05:50	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/16/23 05:50	1
Chloromethane	**1.2**		1.0	0.40	ug/L			08/16/23 05:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/16/23 05:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/16/23 05:50	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/16/23 05:50	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/16/23 05:50	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/16/23 05:50	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/16/23 05:50	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/16/23 05:50	1
Styrene	1.0	U	1.0	0.42	ug/L			08/16/23 05:50	1
Tetrachloroethene	**400**		1.0	0.25	ug/L			08/16/23 05:50	1
Toluene	1.0	U	1.0	0.38	ug/L			08/16/23 05:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/16/23 05:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/16/23 05:50	1
Trichloroethene	**0.51**	**J**	1.0	0.31	ug/L			08/16/23 05:50	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/16/23 05:50	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/16/23 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*		*08/16/23 05:50*	*1*
4-Bromofluorobenzene	*109*		*76 - 120*		*08/16/23 05:50*	*1*
Dibromofluoromethane (Surr)	*94*		*77 - 132*		*08/16/23 05:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/16/23 05:50*	*1*

Client Sample ID: A-066
Date Collected: 08/09/23 10:47
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/15/23 03:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/15/23 03:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/15/23 03:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/15/23 03:09	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/15/23 03:09	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/15/23 03:09	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/15/23 03:09	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/15/23 03:09	1
Acetone	5.0	U	5.0	4.4	ug/L			08/15/23 03:09	1
Benzene	1.0	U	1.0	0.20	ug/L			08/15/23 03:09	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/15/23 03:09	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/15/23 03:09	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/15/23 03:09	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/15/23 03:09	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/15/23 03:09	1

Client Sample ID: A-066
Date Collected: 08/09/23 10:47
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/15/23 03:09	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/15/23 03:09	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/15/23 03:09	1
Chloromethane	**1.1**		1.0	0.40	ug/L			08/15/23 03:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/15/23 03:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 03:09	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/15/23 03:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/15/23 03:09	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/15/23 03:09	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/15/23 03:09	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/15/23 03:09	1
Styrene	1.0	U	1.0	0.42	ug/L			08/15/23 03:09	1
Tetrachloroethene	**390**		1.0	0.25	ug/L			08/15/23 03:09	1
Toluene	1.0	U	1.0	0.38	ug/L			08/15/23 03:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/15/23 03:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 03:09	1
Trichloroethene	**0.62**	**J**	1.0	0.31	ug/L			08/15/23 03:09	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/15/23 03:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/15/23 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*08/15/23 03:09*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*08/15/23 03:09*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*08/15/23 03:09*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*08/15/23 03:09*	*1*

Client Sample ID: A-08
Date Collected: 08/09/23 11:10
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			08/14/23 17:26	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			08/14/23 17:26	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			08/14/23 17:26	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			08/14/23 17:26	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			08/14/23 17:26	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			08/14/23 17:26	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			08/14/23 17:26	2
2-Hexanone	10	U	10	2.3	ug/L			08/14/23 17:26	2
Acetone	10	U	10	8.8	ug/L			08/14/23 17:26	2
Benzene	2.0	U	2.0	0.41	ug/L			08/14/23 17:26	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			08/14/23 17:26	2
Bromoform	2.0	U	2.0	1.1	ug/L			08/14/23 17:26	2
Bromomethane	2.0	U *	2.0	1.1	ug/L			08/14/23 17:26	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			08/14/23 17:26	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			08/14/23 17:26	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			08/14/23 17:26	2
Chloroethane	2.0	U	2.0	0.64	ug/L			08/14/23 17:26	2
Chloroform	2.0	U	2.0	0.65	ug/L			08/14/23 17:26	2

Client Sample ID: A-08
Date Collected: 08/09/23 11:10
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	2.0	U	2.0	0.80	ug/L			08/14/23 17:26	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			08/14/23 17:26	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			08/14/23 17:26	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			08/14/23 17:26	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			08/14/23 17:26	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			08/14/23 17:26	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			08/14/23 17:26	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			08/14/23 17:26	2
Styrene	2.0	U	2.0	0.83	ug/L			08/14/23 17:26	2
Tetrachloroethene	**780**		2.0	0.50	ug/L			08/14/23 17:26	2
Toluene	2.0	U	2.0	0.76	ug/L			08/14/23 17:26	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			08/14/23 17:26	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			08/14/23 17:26	2
Trichloroethene	**1.4**	**J**	2.0	0.63	ug/L			08/14/23 17:26	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			08/14/23 17:26	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			08/14/23 17:26	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 128*		*08/14/23 17:26*	*2*
4-Bromofluorobenzene	*112*		*76 - 120*		*08/14/23 17:26*	*2*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/14/23 17:26*	*2*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/14/23 17:26*	*2*

Client Sample ID: A-07
Date Collected: 08/09/23 11:50
Date Received: 08/10/23 19:00

Lab Sample ID: 460-285954-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 15:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 15:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 15:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 15:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 15:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 15:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 15:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 15:18	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 15:18	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 15:18	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 15:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 15:18	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 15:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 15:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 15:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 15:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 15:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 15:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 15:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 15:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 15:18	1

Client Sample ID: A-07
Lab Sample ID: 460-285954-8

Date Collected: 08/09/23 11:50
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 15:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 15:18	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 15:18	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 15:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 15:18	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 15:18	1
Tetrachloroethene	**51**		1.0	0.25	ug/L			08/14/23 15:18	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 15:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 15:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 15:18	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 15:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 15:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*08/14/23 15:18*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*08/14/23 15:18*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 132*		*08/14/23 15:18*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/14/23 15:18*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-285954-9

Date Collected: 08/09/23 12:45
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 15:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 15:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 15:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 15:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 15:39	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 15:39	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 15:39	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 15:39	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 15:39	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 15:39	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 15:39	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 15:39	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 15:39	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 15:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 15:39	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 15:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 15:39	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 15:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 15:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 15:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 15:39	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 15:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 15:39	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 15:39	1

Client Sample ID: A-05
Lab Sample ID: 460-285954-9
Date Collected: 08/09/23 12:45
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 15:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 15:39	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 15:39	1
Tetrachloroethene	**170**		1.0	0.25	ug/L			08/14/23 15:39	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 15:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 15:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 15:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 15:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 15:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*08/14/23 15:39*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*08/14/23 15:39*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/14/23 15:39*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/14/23 15:39*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-285954-10
Date Collected: 08/09/23 13:10
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 16:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 16:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 16:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 16:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 16:01	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 16:01	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 16:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 16:01	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 16:01	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 16:01	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 16:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 16:01	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 16:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 16:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 16:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 16:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 16:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 16:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 16:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 16:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 16:01	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 16:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 16:01	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 16:01	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 16:01	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 16:01	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 16:01	1

Client Sample ID: A-09
Lab Sample ID: 460-285954-10

Date Collected: 08/09/23 13:10
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**27**		1.0	0.25	ug/L			08/14/23 16:01	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 16:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 16:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 16:01	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 16:01	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 16:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*08/14/23 16:01*	*1*
4-Bromofluorobenzene	*108*		*76 - 120*		*08/14/23 16:01*	*1*
Dibromofluoromethane (Surr)	*95*		*77 - 132*		*08/14/23 16:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/14/23 16:01*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-285954-11

Date Collected: 08/09/23 13:45
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/15/23 02:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/15/23 02:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/15/23 02:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/15/23 02:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/15/23 02:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/15/23 02:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/15/23 02:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/15/23 02:47	1
Acetone	5.0	U	5.0	4.4	ug/L			08/15/23 02:47	1
Benzene	1.0	U	1.0	0.20	ug/L			08/15/23 02:47	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/15/23 02:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/15/23 02:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/15/23 02:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/15/23 02:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/15/23 02:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/15/23 02:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/15/23 02:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/15/23 02:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/15/23 02:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/15/23 02:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 02:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/15/23 02:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/15/23 02:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/15/23 02:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/15/23 02:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/15/23 02:47	1
Styrene	1.0	U	1.0	0.42	ug/L			08/15/23 02:47	1
Tetrachloroethene	**25**		1.0	0.25	ug/L			08/15/23 02:47	1
Toluene	1.0	U	1.0	0.38	ug/L			08/15/23 02:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/15/23 02:47	1

Client Sample ID: A-10
Lab Sample ID: 460-285954-11

Date Collected: 08/09/23 13:45
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 02:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/15/23 02:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/15/23 02:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/15/23 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*08/15/23 02:47*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/15/23 02:47*	*1*
Dibromofluoromethane (Surr)	*93*		*77 - 132*		*08/15/23 02:47*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*08/15/23 02:47*	*1*

Client Sample ID: FB0809
Lab Sample ID: 460-285954-12

Date Collected: 08/09/23 15:30
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 11:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 11:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 11:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 11:22	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 11:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 11:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 11:22	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 11:22	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 11:22	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 11:22	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 11:22	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 11:22	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 11:22	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 11:22	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 11:22	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 11:22	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 11:22	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 11:22	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 11:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 11:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 11:22	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 11:22	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 11:22	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 11:22	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 11:22	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 11:22	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 11:22	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/14/23 11:22	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 11:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 11:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 11:22	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 11:22	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 11:22	1

Client Sample ID: FB0809
Lab Sample ID: 460-285954-12

Date Collected: 08/09/23 15:30
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*08/14/23 11:22*	*1*
4-Bromofluorobenzene	*105*		*76 - 120*		*08/14/23 11:22*	*1*
Dibromofluoromethane (Surr)	*90*		*77 - 132*		*08/14/23 11:22*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/14/23 11:22*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-285954-13

Date Collected: 08/09/23 15:00
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 11:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 11:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 11:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 11:44	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 11:44	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 11:44	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 11:44	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 11:44	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 11:44	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 11:44	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 11:44	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 11:44	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			08/14/23 11:44	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 11:44	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 11:44	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 11:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 11:44	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 11:44	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 11:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 11:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 11:44	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 11:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 11:44	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 11:44	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 11:44	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 11:44	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 11:44	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/14/23 11:44	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 11:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 11:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 11:44	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 11:44	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 11:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 11:44	1

Client Sample ID: Trip Blank
Lab Sample ID: 460-285954-13

Date Collected: 08/09/23 15:00
Matrix: Water
Date Received: 08/10/23 19:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 128*		*08/14/23 11:44*	*1*
4-Bromofluorobenzene	*112*		*76 - 120*		*08/14/23 11:44*	*1*
Dibromofluoromethane (Surr)	*92*		*77 - 132*		*08/14/23 11:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/14/23 11:44*	*1*

Client Sample ID: MW-13
Lab Sample ID: 460-285954-14

Date Collected: 08/09/23 08:50
Matrix: Water
Date Received: 08/10/23 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			08/14/23 17:47	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			08/14/23 17:47	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			08/14/23 17:47	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			08/14/23 17:47	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			08/14/23 17:47	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			08/14/23 17:47	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			08/14/23 17:47	2
2-Hexanone	10	U	10	2.3	ug/L			08/14/23 17:47	2
Acetone	10	U	10	8.8	ug/L			08/14/23 17:47	2
Benzene	2.0	U	2.0	0.41	ug/L			08/14/23 17:47	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			08/14/23 17:47	2
Bromoform	2.0	U	2.0	1.1	ug/L			08/14/23 17:47	2
Bromomethane	2.0	U *	2.0	1.1	ug/L			08/14/23 17:47	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			08/14/23 17:47	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			08/14/23 17:47	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			08/14/23 17:47	2
Chloroethane	2.0	U	2.0	0.64	ug/L			08/14/23 17:47	2
Chloroform	2.0	U	2.0	0.65	ug/L			08/14/23 17:47	2
Chloromethane	2.0	U	2.0	0.80	ug/L			08/14/23 17:47	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			08/14/23 17:47	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			08/14/23 17:47	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			08/14/23 17:47	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			08/14/23 17:47	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			08/14/23 17:47	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			08/14/23 17:47	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			08/14/23 17:47	2
Styrene	2.0	U	2.0	0.83	ug/L			08/14/23 17:47	2
Tetrachloroethene	**630**		2.0	0.50	ug/L			08/14/23 17:47	2
Toluene	2.0	U	2.0	0.76	ug/L			08/14/23 17:47	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			08/14/23 17:47	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			08/14/23 17:47	2
Trichloroethene	2.0	U	2.0	0.63	ug/L			08/14/23 17:47	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			08/14/23 17:47	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			08/14/23 17:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*08/14/23 17:47*	*2*
4-Bromofluorobenzene	*114*		*76 - 120*		*08/14/23 17:47*	*2*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*08/14/23 17:47*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/14/23 17:47*	*2*

Surrogate Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-285954-1	A-15	111	112	98	106
460-285954-2	ME-8	111	113	99	104
460-285954-3	ME-113	111	117	97	103
460-285954-4	A-02	107	108	94	102
460-285954-4 MS	A-02	116	115	97	102
460-285954-4 MSD	A-02	120	120	102	102
460-285954-5	A-06	104	109	94	103
460-285954-6	A-066	99	103	90	93
460-285954-7	A-08	108	112	98	103
460-285954-8	A-07	106	107	95	99
460-285954-9	A-05	112	112	98	100
460-285954-10	A-09	111	108	95	102
460-285954-11	A-10	106	105	93	94
460-285954-12	FB0809	107	105	90	95
460-285954-13	Trip Blank	109	112	92	102
460-285954-14	MW-13	111	114	102	100
LCS 460-926363/6	Lab Control Sample	111	116	98	109
LCS 460-926520/3	Lab Control Sample	103	106	90	96
LCS 460-926740/4	Lab Control Sample	103	106	91	97
LCSD 460-926520/5	Lab Control Sample Dup	101	109	90	101
LCSD 460-926740/5	Lab Control Sample Dup	98	105	85	96
MB 460-926363/11	Method Blank	108	102	89	95
MB 460-926520/8	Method Blank	100	107	89	98
MB 460-926740/8	Method Blank	98	110	86	100

Surrogate Legend

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

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

Lab Sample ID: MB 460-926363/11
Matrix: Water
Analysis Batch: 926363

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 10:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 10:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 10:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 10:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 10:40	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 10:40	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 10:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 10:40	1
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 10:40	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 10:40	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 10:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 10:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/14/23 10:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 10:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 10:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 10:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 10:40	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 10:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 10:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 10:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 10:40	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 10:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 10:40	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 10:40	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 10:40	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 10:40	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 10:40	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/14/23 10:40	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 10:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 10:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 10:40	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 10:40	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 10:40	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 128*		*08/14/23 10:40*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/14/23 10:40*	*1*
Dibromofluoromethane (Surr)	*89*		*77 - 132*		*08/14/23 10:40*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*08/14/23 10:40*	*1*

Lab Sample ID: LCS 460-926363/6
Matrix: Water
Analysis Batch: 926363

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	20.2		ug/L		101	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	22.8		ug/L		114	63 - 139		

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

Lab Sample ID: LCS 460-926363/6
Matrix: Water
Analysis Batch: 926363

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	23.7		ug/L		118	74 - 125
1,1-Dichloroethane	20.0	22.4		ug/L		112	73 - 130
1,1-Dichloroethene	20.0	18.8		ug/L		94	68 - 133
1,2-Dichloroethane	20.0	22.2		ug/L		111	66 - 129
1,2-Dichloropropane	20.0	23.5		ug/L		118	68 - 128
2-Hexanone	100	94.1		ug/L		94	61 - 134
Acetone	100	87.0		ug/L		87	49 - 149
Benzene	20.0	22.2		ug/L		111	71 - 126
Bromodichloromethane	20.0	21.1		ug/L		106	76 - 121
Bromoform	20.0	25.6		ug/L		128	58 - 136
Bromomethane	20.0	26.1	*	ug/L		131	10 - 120
Carbon disulfide	20.0	19.6		ug/L		98	68 - 138
Carbon tetrachloride	20.0	20.7		ug/L		104	65 - 142
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120
Chloroethane	20.0	28.7		ug/L		144	48 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	27.0		ug/L		135	43 - 140
cis-1,2-Dichloroethene	20.0	19.7		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	23.2		ug/L		116	74 - 125
Dibromochloromethane	20.0	23.0		ug/L		115	69 - 130
Ethylbenzene	20.0	20.9		ug/L		104	78 - 120
Methyl Ethyl Ketone	100	72.5		ug/L		72	61 - 142
methyl isobutyl ketone	100	96.0		ug/L		96	69 - 139
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127
Styrene	20.0	21.9		ug/L		110	82 - 127
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 127
Toluene	20.0	21.3		ug/L		107	78 - 120
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	74 - 126
trans-1,3-Dichloropropene	20.0	24.0		ug/L		120	66 - 127
Trichloroethene	20.0	18.9		ug/L		95	51 - 121
Vinyl chloride	20.0	24.1		ug/L		121	55 - 144
Xylenes, Total	40.0	41.9		ug/L		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*
4-Bromofluorobenzene	*116*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: 460-285954-4 MS
Matrix: Water
Analysis Batch: 926363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.1		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.1		ug/L		110	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	22.1		ug/L		111	74 - 125
1,1-Dichloroethane	1.0	U	20.0	20.3		ug/L		101	73 - 130

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

Lab Sample ID: 460-285954-4 MS
Matrix: Water
Analysis Batch: 926363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	1.0	U	20.0	18.4		ug/L		92	68 - 133
1,2-Dichloroethane	1.0	U	20.0	21.0		ug/L		105	66 - 129
1,2-Dichloropropane	1.0	U	20.0	21.3		ug/L		107	68 - 128
2-Hexanone	5.0	U	100	90.5		ug/L		90	61 - 134
Acetone	5.0	U	100	79.6		ug/L		80	49 - 149
Benzene	0.21	J	20.0	20.2		ug/L		100	71 - 126
Bromodichloromethane	1.0	U	20.0	20.1		ug/L		101	76 - 121
Bromoform	1.0	U	20.0	26.3		ug/L		131	58 - 136
Bromomethane	1.0	U *	20.0	18.5		ug/L		92	10 - 120
Carbon disulfide	1.0	U	20.0	17.0		ug/L		85	68 - 138
Carbon tetrachloride	1.0	U	20.0	19.5		ug/L		98	65 - 142
Chlorobenzene	1.0	U	20.0	19.5		ug/L		97	80 - 120
Chloroethane	1.0	U	20.0	26.0		ug/L		130	48 - 150
Chloroform	1.0	U	20.0	19.5		ug/L		98	78 - 125
Chloromethane	1.0	U	20.0	24.7		ug/L		123	43 - 140
cis-1,2-Dichloroethene	1.0	U	20.0	17.5		ug/L		87	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	20.6		ug/L		103	74 - 125
Dibromochloromethane	1.0	U	20.0	21.7		ug/L		108	69 - 130
Ethylbenzene	1.0	U	20.0	19.2		ug/L		96	78 - 120
Methyl Ethyl Ketone	5.0	U	100	74.1		ug/L		74	61 - 142
methyl isobutyl ketone	5.0	U	100	92.1		ug/L		92	69 - 139
Methylene Chloride	1.0	U	20.0	18.8		ug/L		94	74 - 127
Styrene	1.0	U	20.0	19.6		ug/L		98	82 - 127
Tetrachloroethene	21		20.0	39.2		ug/L		92	70 - 127
Toluene	1.0	U	20.0	18.9		ug/L		95	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	18.0		ug/L		90	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	21.6		ug/L		108	66 - 127
Trichloroethene	1.0	U	20.0	18.1		ug/L		91	51 - 121
Vinyl chloride	1.0	U	20.0	22.4		ug/L		112	55 - 144
Xylenes, Total	2.0	U	40.0	38.0		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*
4-Bromofluorobenzene	*115*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 460-285954-4 MSD
Matrix: Water
Analysis Batch: 926363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.8		ug/L		99	72 - 128	4	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.5		ug/L		112	63 - 139	2	30
1,1,2-Trichloroethane	1.0	U	20.0	22.4		ug/L		112	74 - 125	1	30
1,1-Dichloroethane	1.0	U	20.0	21.8		ug/L		109	73 - 130	7	30
1,1-Dichloroethene	1.0	U	20.0	18.7		ug/L		93	68 - 133	2	30
1,2-Dichloroethane	1.0	U	20.0	21.9		ug/L		109	66 - 129	4	30

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

Lab Sample ID: 460-285954-4 MSD
Matrix: Water
Analysis Batch: 926363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	1.0	U	20.0	22.2		ug/L		111	68 - 128	4	30
2-Hexanone	5.0	U	100	92.4		ug/L		92	61 - 134	2	30
Acetone	5.0	U	100	80.6		ug/L		81	49 - 149	1	30
Benzene	0.21	J	20.0	21.0		ug/L		104	71 - 126	4	30
Bromodichloromethane	1.0	U	20.0	21.0		ug/L		105	76 - 121	4	30
Bromoform	1.0	U	20.0	26.0		ug/L		130	58 - 136	1	30
Bromomethane	1.0	U *	20.0	21.8		ug/L		109	10 - 120	16	30
Carbon disulfide	1.0	U	20.0	17.8		ug/L		89	68 - 138	4	30
Carbon tetrachloride	1.0	U	20.0	19.5		ug/L		97	65 - 142	0	30
Chlorobenzene	1.0	U	20.0	19.8		ug/L		99	80 - 120	2	30
Chloroethane	1.0	U	20.0	27.6		ug/L		138	48 - 150	6	30
Chloroform	1.0	U	20.0	19.9		ug/L		100	78 - 125	2	30
Chloromethane	1.0	U	20.0	25.3		ug/L		127	43 - 140	2	30
cis-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	78 - 121	6	30
cis-1,3-Dichloropropene	1.0	U	20.0	20.5		ug/L		102	74 - 125	1	30
Dibromochloromethane	1.0	U	20.0	22.6		ug/L		113	69 - 130	4	30
Ethylbenzene	1.0	U	20.0	19.9		ug/L		99	78 - 120	4	30
Methyl Ethyl Ketone	5.0	U	100	69.4		ug/L		69	61 - 142	7	30
methyl isobutyl ketone	5.0	U	100	94.3		ug/L		94	69 - 139	2	30
Methylene Chloride	1.0	U	20.0	19.1		ug/L		96	74 - 127	2	30
Styrene	1.0	U	20.0	20.7		ug/L		103	82 - 127	5	30
Tetrachloroethene	21		20.0	37.8		ug/L		85	70 - 127	4	30
Toluene	1.0	U	20.0	19.5		ug/L		97	78 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	20.0	18.2		ug/L		91	74 - 126	1	30
trans-1,3-Dichloropropene	1.0	U	20.0	21.9		ug/L		109	66 - 127	1	30
Trichloroethene	1.0	U	20.0	17.9		ug/L		90	51 - 121	1	30
Vinyl chloride	1.0	U	20.0	22.7		ug/L		113	55 - 144	1	30
Xylenes, Total	2.0	U	40.0	39.3		ug/L		98	80 - 120	3	30

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

Lab Sample ID: MB 460-926520/8
Matrix: Water
Analysis Batch: 926520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/14/23 22:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/14/23 22:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/14/23 22:11	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/14/23 22:11	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/14/23 22:11	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/14/23 22:11	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/14/23 22:11	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/14/23 22:11	1

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

Lab Sample ID: MB 460-926520/8
Matrix: Water
Analysis Batch: 926520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.0	U	5.0	4.4	ug/L			08/14/23 22:11	1
Benzene	1.0	U	1.0	0.20	ug/L			08/14/23 22:11	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/14/23 22:11	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/14/23 22:11	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/14/23 22:11	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/14/23 22:11	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/14/23 22:11	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/14/23 22:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/14/23 22:11	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/14/23 22:11	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/14/23 22:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/14/23 22:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 22:11	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/14/23 22:11	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/14/23 22:11	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/14/23 22:11	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/14/23 22:11	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/14/23 22:11	1
Styrene	1.0	U	1.0	0.42	ug/L			08/14/23 22:11	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/14/23 22:11	1
Toluene	1.0	U	1.0	0.38	ug/L			08/14/23 22:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/14/23 22:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/14/23 22:11	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/14/23 22:11	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/14/23 22:11	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/14/23 22:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*08/14/23 22:11*	*1*
4-Bromofluorobenzene	*107*		*76 - 120*		*08/14/23 22:11*	*1*
Dibromofluoromethane (Surr)	*89*		*77 - 132*		*08/14/23 22:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/14/23 22:11*	*1*

Lab Sample ID: LCS 460-926520/3
Matrix: Water
Analysis Batch: 926520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	63 - 139
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	19.5		ug/L		97	73 - 130
1,1-Dichloroethene	20.0	16.5		ug/L		82	68 - 133
1,2-Dichloroethane	20.0	18.9		ug/L		95	66 - 129
1,2-Dichloropropane	20.0	19.8		ug/L		99	68 - 128
2-Hexanone	100	82.7		ug/L		83	61 - 134
Acetone	100	73.0		ug/L		73	49 - 149
Benzene	20.0	19.3		ug/L		96	71 - 126

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

Lab Sample ID: LCS 460-926520/3
Matrix: Water
Analysis Batch: 926520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	20.0	18.2		ug/L		91	76 - 121
Bromoform	20.0	24.0		ug/L		120	58 - 136
Bromomethane	20.0	20.3		ug/L		101	10 - 120
Carbon disulfide	20.0	15.9		ug/L		80	68 - 138
Carbon tetrachloride	20.0	18.4		ug/L		92	65 - 142
Chlorobenzene	20.0	18.3		ug/L		92	80 - 120
Chloroethane	20.0	23.8		ug/L		119	48 - 150
Chloroform	20.0	17.8		ug/L		89	78 - 125
Chloromethane	20.0	21.1		ug/L		106	43 - 140
cis-1,2-Dichloroethene	20.0	16.7		ug/L		83	78 - 121
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	74 - 125
Dibromochloromethane	20.0	21.2		ug/L		106	69 - 130
Ethylbenzene	20.0	19.2		ug/L		96	78 - 120
Methyl Ethyl Ketone	100	64.4		ug/L		64	61 - 142
methyl isobutyl ketone	100	82.9		ug/L		83	69 - 139
Methylene Chloride	20.0	16.8		ug/L		84	74 - 127
Styrene	20.0	19.4		ug/L		97	82 - 127
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 127
Toluene	20.0	18.4		ug/L		92	78 - 120
trans-1,2-Dichloroethene	20.0	16.4		ug/L		82	74 - 126
trans-1,3-Dichloropropene	20.0	20.8		ug/L		104	66 - 127
Trichloroethene	20.0	16.2		ug/L		81	51 - 121
Vinyl chloride	20.0	19.3		ug/L		96	55 - 144
Xylenes, Total	40.0	36.3		ug/L		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 460-926520/5
Matrix: Water
Analysis Batch: 926520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	72 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		108	63 - 139	7	30
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	74 - 125	7	30
1,1-Dichloroethane	20.0	20.1		ug/L		100	73 - 130	3	30
1,1-Dichloroethene	20.0	16.9		ug/L		85	68 - 133	3	30
1,2-Dichloroethane	20.0	19.8		ug/L		99	66 - 129	5	30
1,2-Dichloropropane	20.0	20.9		ug/L		105	68 - 128	5	30
2-Hexanone	100	89.2		ug/L		89	61 - 134	8	30
Acetone	100	79.5		ug/L		80	49 - 149	9	30
Benzene	20.0	20.1		ug/L		100	71 - 126	4	30
Bromodichloromethane	20.0	18.8		ug/L		94	76 - 121	3	30
Bromoform	20.0	24.2		ug/L		121	58 - 136	1	30

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

Lab Sample ID: LCSD 460-926520/5
Matrix: Water
Analysis Batch: 926520

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromomethane			20.0	21.3		ug/L		106	10 - 120	5	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	3	30
Carbon tetrachloride			20.0	18.4		ug/L		92	65 - 142	0	30
Chlorobenzene			20.0	19.2		ug/L		96	80 - 120	4	30
Chloroethane			20.0	24.6		ug/L		123	48 - 150	3	30
Chloroform			20.0	18.5		ug/L		93	78 - 125	4	30
Chloromethane			20.0	22.7		ug/L		114	43 - 140	7	30
cis-1,2-Dichloroethene			20.0	17.3		ug/L		87	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	21.4		ug/L		107	74 - 125	6	30
Dibromochloromethane			20.0	21.2		ug/L		106	69 - 130	0	30
Ethylbenzene			20.0	19.4		ug/L		97	78 - 120	1	30
Methyl Ethyl Ketone			100	67.5		ug/L		68	61 - 142	5	30
methyl isobutyl ketone			100	88.9		ug/L		89	69 - 139	7	30
Methylene Chloride			20.0	17.4		ug/L		87	74 - 127	4	30
Styrene			20.0	20.1		ug/L		100	82 - 127	3	30
Tetrachloroethene			20.0	19.1		ug/L		96	70 - 127	2	30
Toluene			20.0	19.2		ug/L		96	78 - 120	4	30
trans-1,2-Dichloroethene			20.0	17.0		ug/L		85	74 - 126	4	30
trans-1,3-Dichloropropene			20.0	21.8		ug/L		109	66 - 127	5	30
Trichloroethene			20.0	16.8		ug/L		84	51 - 121	3	30
Vinyl chloride			20.0	20.8		ug/L		104	55 - 144	8	30
Xylenes, Total			40.0	38.4		ug/L		96	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 128*
4-Bromofluorobenzene	*109*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-926740/8
Matrix: Water
Analysis Batch: 926740

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/15/23 22:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			08/15/23 22:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			08/15/23 22:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			08/15/23 22:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/15/23 22:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			08/15/23 22:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			08/15/23 22:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			08/15/23 22:25	1
Acetone	5.0	U	5.0	4.4	ug/L			08/15/23 22:25	1
Benzene	1.0	U	1.0	0.20	ug/L			08/15/23 22:25	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			08/15/23 22:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			08/15/23 22:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			08/15/23 22:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			08/15/23 22:25	1

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

Lab Sample ID: MB 460-926740/8
Matrix: Water
Analysis Batch: 926740

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			08/15/23 22:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			08/15/23 22:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/15/23 22:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			08/15/23 22:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			08/15/23 22:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			08/15/23 22:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 22:25	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			08/15/23 22:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			08/15/23 22:25	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			08/15/23 22:25	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			08/15/23 22:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			08/15/23 22:25	1
Styrene	1.0	U	1.0	0.42	ug/L			08/15/23 22:25	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			08/15/23 22:25	1
Toluene	1.0	U	1.0	0.38	ug/L			08/15/23 22:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			08/15/23 22:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			08/15/23 22:25	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			08/15/23 22:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			08/15/23 22:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			08/15/23 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*		*08/15/23 22:25*	*1*
4-Bromofluorobenzene	*110*		*76 - 120*		*08/15/23 22:25*	*1*
Dibromofluoromethane (Surr)	*86*		*77 - 132*		*08/15/23 22:25*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/15/23 22:25*	*1*

Lab Sample ID: LCS 460-926740/4
Matrix: Water
Analysis Batch: 926740

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.7		ug/L		89	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	63 - 139
1,1,2-Trichloroethane	20.0	20.1		ug/L		101	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		98	73 - 130
1,1-Dichloroethene	20.0	15.9		ug/L		79	68 - 133
1,2-Dichloroethane	20.0	20.0		ug/L		100	66 - 129
1,2-Dichloropropane	20.0	20.1		ug/L		100	68 - 128
2-Hexanone	100	87.6		ug/L		88	61 - 134
Acetone	100	79.0		ug/L		79	49 - 149
Benzene	20.0	18.5		ug/L		93	71 - 126
Bromodichloromethane	20.0	19.3		ug/L		96	76 - 121
Bromoform	20.0	25.0		ug/L		125	58 - 136
Bromomethane	20.0	19.2		ug/L		96	10 - 120
Carbon disulfide	20.0	14.2		ug/L		71	68 - 138
Carbon tetrachloride	20.0	17.7		ug/L		89	65 - 142
Chlorobenzene	20.0	17.9		ug/L		89	80 - 120

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

Lab Sample ID: LCS 460-926740/4
Matrix: Water
Analysis Batch: 926740

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	20.0	24.7		ug/L		124	48 - 150
Chloroform	20.0	18.1		ug/L		91	78 - 125
Chloromethane	20.0	20.4		ug/L		102	43 - 140
cis-1,2-Dichloroethene	20.0	16.9		ug/L		85	78 - 121
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	74 - 125
Dibromochloromethane	20.0	20.7		ug/L		103	69 - 130
Ethylbenzene	20.0	17.7		ug/L		89	78 - 120
Methyl Ethyl Ketone	100	67.5		ug/L		67	61 - 142
methyl isobutyl ketone	100	88.1		ug/L		88	69 - 139
Methylene Chloride	20.0	17.0		ug/L		85	74 - 127
Styrene	20.0	18.7		ug/L		93	82 - 127
Tetrachloroethene	20.0	17.6		ug/L		88	70 - 127
Toluene	20.0	17.4		ug/L		87	78 - 120
trans-1,2-Dichloroethene	20.0	15.6		ug/L		78	74 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	66 - 127
Trichloroethene	20.0	16.3		ug/L		82	51 - 121
Vinyl chloride	20.0	18.8		ug/L		94	55 - 144
Xylenes, Total	40.0	36.3		ug/L		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-926740/5
Matrix: Water
Analysis Batch: 926740

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	17.2		ug/L		86	72 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	63 - 139	0	30
1,1,2-Trichloroethane	20.0	19.5		ug/L		97	74 - 125	3	30
1,1-Dichloroethane	20.0	19.0		ug/L		95	73 - 130	3	30
1,1-Dichloroethene	20.0	16.3		ug/L		82	68 - 133	3	30
1,2-Dichloroethane	20.0	19.6		ug/L		98	66 - 129	2	30
1,2-Dichloropropane	20.0	19.9		ug/L		100	68 - 128	1	30
2-Hexanone	100	89.0		ug/L		89	61 - 134	2	30
Acetone	100	79.0		ug/L		79	49 - 149	0	30
Benzene	20.0	19.0		ug/L		95	71 - 126	3	30
Bromodichloromethane	20.0	18.0		ug/L		90	76 - 121	7	30
Bromoform	20.0	23.9		ug/L		120	58 - 136	4	30
Bromomethane	20.0	18.8		ug/L		94	10 - 120	2	30
Carbon disulfide	20.0	14.3		ug/L		71	68 - 138	1	30
Carbon tetrachloride	20.0	17.9		ug/L		89	65 - 142	1	30
Chlorobenzene	20.0	18.2		ug/L		91	80 - 120	2	30
Chloroethane	20.0	23.7		ug/L		118	48 - 150	4	30
Chloroform	20.0	17.4		ug/L		87	78 - 125	4	30

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

Lab Sample ID: LCSD 460-926740/5
Matrix: Water
Analysis Batch: 926740

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	19.8		ug/L		99	43 - 140	3	30
cis-1,2-Dichloroethene			20.0	16.4		ug/L		82	78 - 121	3	30
cis-1,3-Dichloropropene			20.0	20.5		ug/L		102	74 - 125	0	30
Dibromochloromethane			20.0	19.9		ug/L		100	69 - 130	4	30
Ethylbenzene			20.0	17.7		ug/L		88	78 - 120	0	30
Methyl Ethyl Ketone			100	69.2		ug/L		69	61 - 142	3	30
methyl isobutyl ketone			100	90.5		ug/L		90	69 - 139	3	30
Methylene Chloride			20.0	16.6		ug/L		83	74 - 127	3	30
Styrene			20.0	19.0		ug/L		95	82 - 127	1	30
Tetrachloroethene			20.0	17.6		ug/L		88	70 - 127	0	30
Toluene			20.0	17.8		ug/L		89	78 - 120	2	30
trans-1,2-Dichloroethene			20.0	15.7		ug/L		78	74 - 126	1	30
trans-1,3-Dichloropropene			20.0	20.9		ug/L		104	66 - 127	1	30
Trichloroethene			20.0	16.2		ug/L		81	51 - 121	1	30
Vinyl chloride			20.0	18.7		ug/L		94	55 - 144	0	30
Xylenes, Total			40.0	35.8		ug/L		89	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*85*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

GC/MS VOA

Analysis Batch: 926363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-285954-1	A-15	Total/NA	Water	8260D	
460-285954-2	ME-8	Total/NA	Water	8260D	
460-285954-3	ME-113	Total/NA	Water	8260D	
460-285954-4	A-02	Total/NA	Water	8260D	
460-285954-7	A-08	Total/NA	Water	8260D	
460-285954-8	A-07	Total/NA	Water	8260D	
460-285954-9	A-05	Total/NA	Water	8260D	
460-285954-10	A-09	Total/NA	Water	8260D	
460-285954-12	FB0809	Total/NA	Water	8260D	
460-285954-13	Trip Blank	Total/NA	Water	8260D	
460-285954-14	MW-13	Total/NA	Water	8260D	
MB 460-926363/11	Method Blank	Total/NA	Water	8260D	
LCS 460-926363/6	Lab Control Sample	Total/NA	Water	8260D	
460-285954-4 MS	A-02	Total/NA	Water	8260D	
460-285954-4 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 926520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-285954-6	A-066	Total/NA	Water	8260D	
460-285954-11	A-10	Total/NA	Water	8260D	
MB 460-926520/8	Method Blank	Total/NA	Water	8260D	
LCS 460-926520/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-926520/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 926740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-285954-5	A-06	Total/NA	Water	8260D	
MB 460-926740/8	Method Blank	Total/NA	Water	8260D	
LCS 460-926740/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-926740/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-285954-1
Date Collected: 08/09/23 07:40
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:13

Client Sample ID: ME-8
Lab Sample ID: 460-285954-2
Date Collected: 08/09/23 08:20
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:35

Client Sample ID: ME-113
Lab Sample ID: 460-285954-3
Date Collected: 08/09/23 09:25
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:56

Client Sample ID: A-02
Lab Sample ID: 460-285954-4
Date Collected: 08/09/23 10:10
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 13:52

Client Sample ID: A-06
Lab Sample ID: 460-285954-5
Date Collected: 08/09/23 10:45
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926740	MZS	EET EDI	08/16/23 05:50

Client Sample ID: A-066
Lab Sample ID: 460-285954-6
Date Collected: 08/09/23 10:47
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926520	EMM	EET EDI	08/15/23 03:09

Client Sample ID: A-08
Lab Sample ID: 460-285954-7
Date Collected: 08/09/23 11:10
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	926363	SZD	EET EDI	08/14/23 17:26

Client Sample ID: A-07
Lab Sample ID: 460-285954-8
Date Collected: 08/09/23 11:50
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 15:18

Client Sample ID: A-05
Lab Sample ID: 460-285954-9
Date Collected: 08/09/23 12:45
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 15:39

Client Sample ID: A-09
Lab Sample ID: 460-285954-10
Date Collected: 08/09/23 13:10
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 16:01

Client Sample ID: A-10
Lab Sample ID: 460-285954-11
Date Collected: 08/09/23 13:45
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926520	EMM	EET EDI	08/15/23 02:47

Client Sample ID: FB0809
Lab Sample ID: 460-285954-12
Date Collected: 08/09/23 15:30
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 11:22

Client Sample ID: Trip Blank
Lab Sample ID: 460-285954-13
Date Collected: 08/09/23 15:00
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 11:44

Client Sample ID: MW-13
Lab Sample ID: 460-285954-14
Date Collected: 08/09/23 08:50
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	926363	SZD	EET EDI	08/14/23 17:47

Laboratory References:

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

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-285954-1	98	111	106	112
ME-8	460-285954-2	99	111	104	113
ME-113	460-285954-3	97	111	103	117
A-02	460-285954-4	94	107	102	108
A-06	460-285954-5	94	104	103	109
A-066	460-285954-6	90	99	93	103
A-08	460-285954-7	98	108	103	112
A-07	460-285954-8	95	106	99	107
A-05	460-285954-9	98	112	100	112
A-09	460-285954-10	95	111	102	108
A-10	460-285954-11	93	106	94	105
FB0809	460-285954-12	90	107	95	105
Trip Blank	460-285954-13	92	109	102	112
MW-13	460-285954-14	102	111	100	114
	MB 460-926363/11	89	108	95	102
	MB 460-926520/8	89	100	98	107
	MB 460-926740/8	86	98	100	110
	LCS 460-926363/6	98	111	109	116
	LCS 460-926520/3	90	103	96	106
	LCS 460-926740/4	91	103	97	106
	LCSD 460-926520/5	90	101	101	109
	LCSD 460-926740/5	85	98	96	105
A-02 MS	460-285954-4 MS	97	116	102	115
A-02 MSD	460-285954-4 MSD	102	120	102	120

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42033.D

Lab ID: LCS 460-926363/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.2	101	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	63-139	
1,1,2-Trichloroethane	20.0	23.7	118	74-125	
1,1-Dichloroethane	20.0	22.4	112	73-130	
1,1-Dichloroethene	20.0	18.8	94	68-133	
1,2-Dichloroethane	20.0	22.2	111	66-129	
1,2-Dichloropropane	20.0	23.5	118	68-128	
2-Hexanone	100	94.1	94	61-134	
Acetone	100	87.0	87	49-149	
Benzene	20.0	22.2	111	71-126	
Bromodichloromethane	20.0	21.1	106	76-121	
Bromoform	20.0	25.6	128	58-136	
Bromomethane	20.0	26.1	131	10-120	*
Carbon disulfide	20.0	19.6	98	68-138	
Carbon tetrachloride	20.0	20.7	104	65-142	
Chlorobenzene	20.0	21.7	109	80-120	
Chloroethane	20.0	28.7	144	48-150	
Chloroform	20.0	20.7	104	78-125	
Chloromethane	20.0	27.0	135	43-140	
cis-1,2-Dichloroethene	20.0	19.7	98	78-121	
cis-1,3-Dichloropropene	20.0	23.2	116	74-125	
Dibromochloromethane	20.0	23.0	115	69-130	
Ethylbenzene	20.0	20.9	104	78-120	
Methyl Ethyl Ketone	100	72.5	72	61-142	
methyl isobutyl ketone	100	96.0	96	69-139	
Methylene Chloride	20.0	19.4	97	74-127	
Styrene	20.0	21.9	110	82-127	
Tetrachloroethene	20.0	20.6	103	70-127	
Toluene	20.0	21.3	107	78-120	
trans-1,2-Dichloroethene	20.0	19.0	95	74-126	
trans-1,3-Dichloropropene	20.0	24.0	120	66-127	
Trichloroethene	20.0	18.9	95	51-121	
Vinyl chloride	20.0	24.1	121	55-144	
Xylenes, Total	40.0	41.9	105	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42064.D

Lab ID: LCS 460-926520/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	63-139	
1,1,2-Trichloroethane	20.0	20.2	101	74-125	
1,1-Dichloroethane	20.0	19.5	97	73-130	
1,1-Dichloroethene	20.0	16.5	82	68-133	
1,2-Dichloroethane	20.0	18.9	95	66-129	
1,2-Dichloropropane	20.0	19.8	99	68-128	
2-Hexanone	100	82.7	83	61-134	
Acetone	100	73.0	73	49-149	
Benzene	20.0	19.3	96	71-126	
Bromodichloromethane	20.0	18.2	91	76-121	
Bromoform	20.0	24.0	120	58-136	
Bromomethane	20.0	20.3	101	10-120	
Carbon disulfide	20.0	15.9	80	68-138	
Carbon tetrachloride	20.0	18.4	92	65-142	
Chlorobenzene	20.0	18.3	92	80-120	
Chloroethane	20.0	23.8	119	48-150	
Chloroform	20.0	17.8	89	78-125	
Chloromethane	20.0	21.1	106	43-140	
cis-1,2-Dichloroethene	20.0	16.7	83	78-121	
cis-1,3-Dichloropropene	20.0	20.2	101	74-125	
Dibromochloromethane	20.0	21.2	106	69-130	
Ethylbenzene	20.0	19.2	96	78-120	
Methyl Ethyl Ketone	100	64.4	64	61-142	
methyl isobutyl ketone	100	82.9	83	69-139	
Methylene Chloride	20.0	16.8	84	74-127	
Styrene	20.0	19.4	97	82-127	
Tetrachloroethene	20.0	18.8	94	70-127	
Toluene	20.0	18.4	92	78-120	
trans-1,2-Dichloroethene	20.0	16.4	82	74-126	
trans-1,3-Dichloropropene	20.0	20.8	104	66-127	
Trichloroethene	20.0	16.2	81	51-121	
Vinyl chloride	20.0	19.3	96	55-144	
Xylenes, Total	40.0	36.3	91	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42133.D

Lab ID: LCS 460-926740/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.7	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	63-139	
1,1,2-Trichloroethane	20.0	20.1	101	74-125	
1,1-Dichloroethane	20.0	19.7	98	73-130	
1,1-Dichloroethene	20.0	15.9	79	68-133	
1,2-Dichloroethane	20.0	20.0	100	66-129	
1,2-Dichloropropane	20.0	20.1	100	68-128	
2-Hexanone	100	87.6	88	61-134	
Acetone	100	79.0	79	49-149	
Benzene	20.0	18.5	93	71-126	
Bromodichloromethane	20.0	19.3	96	76-121	
Bromoform	20.0	25.0	125	58-136	
Bromomethane	20.0	19.2	96	10-120	
Carbon disulfide	20.0	14.2	71	68-138	
Carbon tetrachloride	20.0	17.7	89	65-142	
Chlorobenzene	20.0	17.9	89	80-120	
Chloroethane	20.0	24.7	124	48-150	
Chloroform	20.0	18.1	91	78-125	
Chloromethane	20.0	20.4	102	43-140	
cis-1,2-Dichloroethene	20.0	16.9	85	78-121	
cis-1,3-Dichloropropene	20.0	20.5	103	74-125	
Dibromochloromethane	20.0	20.7	103	69-130	
Ethylbenzene	20.0	17.7	89	78-120	
Methyl Ethyl Ketone	100	67.5	67	61-142	
methyl isobutyl ketone	100	88.1	88	69-139	
Methylene Chloride	20.0	17.0	85	74-127	
Styrene	20.0	18.7	93	82-127	
Tetrachloroethene	20.0	17.6	88	70-127	
Toluene	20.0	17.4	87	78-120	
trans-1,2-Dichloroethene	20.0	15.6	78	74-126	
trans-1,3-Dichloropropene	20.0	21.0	105	66-127	
Trichloroethene	20.0	16.3	82	51-121	
Vinyl chloride	20.0	18.8	94	55-144	
Xylenes, Total	40.0	36.3	91	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42066.D

Lab ID: LCSD 460-926520/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.0	90	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.7	108	7	30	63-139	
1,1,2-Trichloroethane	20.0	21.6	108	7	30	74-125	
1,1-Dichloroethane	20.0	20.1	100	3	30	73-130	
1,1-Dichloroethene	20.0	16.9	85	3	30	68-133	
1,2-Dichloroethane	20.0	19.8	99	5	30	66-129	
1,2-Dichloropropane	20.0	20.9	105	5	30	68-128	
2-Hexanone	100	89.2	89	8	30	61-134	
Acetone	100	79.5	80	9	30	49-149	
Benzene	20.0	20.1	100	4	30	71-126	
Bromodichloromethane	20.0	18.8	94	3	30	76-121	
Bromoform	20.0	24.2	121	1	30	58-136	
Bromomethane	20.0	21.3	106	5	30	10-120	
Carbon disulfide	20.0	16.4	82	3	30	68-138	
Carbon tetrachloride	20.0	18.4	92	0	30	65-142	
Chlorobenzene	20.0	19.2	96	4	30	80-120	
Chloroethane	20.0	24.6	123	3	30	48-150	
Chloroform	20.0	18.5	93	4	30	78-125	
Chloromethane	20.0	22.7	114	7	30	43-140	
cis-1,2-Dichloroethene	20.0	17.3	87	4	30	78-121	
cis-1,3-Dichloropropene	20.0	21.4	107	6	30	74-125	
Dibromochloromethane	20.0	21.2	106	0	30	69-130	
Ethylbenzene	20.0	19.4	97	1	30	78-120	
Methyl Ethyl Ketone	100	67.5	68	5	30	61-142	
methyl isobutyl ketone	100	88.9	89	7	30	69-139	
Methylene Chloride	20.0	17.4	87	4	30	74-127	
Styrene	20.0	20.1	100	3	30	82-127	
Tetrachloroethene	20.0	19.1	96	2	30	70-127	
Toluene	20.0	19.2	96	4	30	78-120	
trans-1,2-Dichloroethene	20.0	17.0	85	4	30	74-126	
trans-1,3-Dichloropropene	20.0	21.8	109	5	30	66-127	
Trichloroethene	20.0	16.8	84	3	30	51-121	
Vinyl chloride	20.0	20.8	104	8	30	55-144	
Xylenes, Total	40.0	38.4	96	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42134.D

Lab ID: LCSD 460-926740/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.2	86	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	0	30	63-139	
1,1,2-Trichloroethane	20.0	19.5	97	3	30	74-125	
1,1-Dichloroethane	20.0	19.0	95	3	30	73-130	
1,1-Dichloroethene	20.0	16.3	82	3	30	68-133	
1,2-Dichloroethane	20.0	19.6	98	2	30	66-129	
1,2-Dichloropropane	20.0	19.9	100	1	30	68-128	
2-Hexanone	100	89.0	89	2	30	61-134	
Acetone	100	79.0	79	0	30	49-149	
Benzene	20.0	19.0	95	3	30	71-126	
Bromodichloromethane	20.0	18.0	90	7	30	76-121	
Bromoform	20.0	23.9	120	4	30	58-136	
Bromomethane	20.0	18.8	94	2	30	10-120	
Carbon disulfide	20.0	14.3	71	1	30	68-138	
Carbon tetrachloride	20.0	17.9	89	1	30	65-142	
Chlorobenzene	20.0	18.2	91	2	30	80-120	
Chloroethane	20.0	23.7	118	4	30	48-150	
Chloroform	20.0	17.4	87	4	30	78-125	
Chloromethane	20.0	19.8	99	3	30	43-140	
cis-1,2-Dichloroethene	20.0	16.4	82	3	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	102	0	30	74-125	
Dibromochloromethane	20.0	19.9	100	4	30	69-130	
Ethylbenzene	20.0	17.7	88	0	30	78-120	
Methyl Ethyl Ketone	100	69.2	69	3	30	61-142	
methyl isobutyl ketone	100	90.5	90	3	30	69-139	
Methylene Chloride	20.0	16.6	83	3	30	74-127	
Styrene	20.0	19.0	95	1	30	82-127	
Tetrachloroethene	20.0	17.6	88	0	30	70-127	
Toluene	20.0	17.8	89	2	30	78-120	
trans-1,2-Dichloroethene	20.0	15.7	78	1	30	74-126	
trans-1,3-Dichloropropene	20.0	20.9	104	1	30	66-127	
Trichloroethene	20.0	16.2	81	1	30	51-121	
Vinyl chloride	20.0	18.7	94	0	30	55-144	
Xylenes, Total	40.0	35.8	89	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42059.D

Lab ID: 460-285954-4 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.1	96	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	22.1	110	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	22.1	111	74-125	
1,1-Dichloroethane	20.0	1.0 U	20.3	101	73-130	
1,1-Dichloroethene	20.0	1.0 U	18.4	92	68-133	
1,2-Dichloroethane	20.0	1.0 U	21.0	105	66-129	
1,2-Dichloropropane	20.0	1.0 U	21.3	107	68-128	
2-Hexanone	100	5.0 U	90.5	90	61-134	
Acetone	100	5.0 U	79.6	80	49-149	
Benzene	20.0	0.21 J	20.2	100	71-126	
Bromodichloromethane	20.0	1.0 U	20.1	101	76-121	
Bromoform	20.0	1.0 U	26.3	131	58-136	
Bromomethane	20.0	1.0 U	18.5	92	10-120	
Carbon disulfide	20.0	1.0 U	17.0	85	68-138	
Carbon tetrachloride	20.0	1.0 U	19.5	98	65-142	
Chlorobenzene	20.0	1.0 U	19.5	97	80-120	
Chloroethane	20.0	1.0 U	26.0	130	48-150	
Chloroform	20.0	1.0 U	19.5	98	78-125	
Chloromethane	20.0	1.0 U	24.7	123	43-140	
cis-1,2-Dichloroethene	20.0	1.0 U	17.5	87	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	20.6	103	74-125	
Dibromochloromethane	20.0	1.0 U	21.7	108	69-130	
Ethylbenzene	20.0	1.0 U	19.2	96	78-120	
Methyl Ethyl Ketone	100	5.0 U	74.1	74	61-142	
methyl isobutyl ketone	100	5.0 U	92.1	92	69-139	
Methylene Chloride	20.0	1.0 U	18.8	94	74-127	
Styrene	20.0	1.0 U	19.6	98	82-127	
Tetrachloroethene	20.0	21	39.2	92	70-127	
Toluene	20.0	1.0 U	18.9	95	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	18.0	90	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	21.6	108	66-127	
Trichloroethene	20.0	1.0 U	18.1	91	51-121	
Vinyl chloride	20.0	1.0 U	22.4	112	55-144	
Xylenes, Total	40.0	2.0 U	38.0	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V42060.D

Lab ID: 460-285954-4 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.8	99	4	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	2	30	63-139	
1,1,2-Trichloroethane	20.0	22.4	112	1	30	74-125	
1,1-Dichloroethane	20.0	21.8	109	7	30	73-130	
1,1-Dichloroethene	20.0	18.7	93	2	30	68-133	
1,2-Dichloroethane	20.0	21.9	109	4	30	66-129	
1,2-Dichloropropane	20.0	22.2	111	4	30	68-128	
2-Hexanone	100	92.4	92	2	30	61-134	
Acetone	100	80.6	81	1	30	49-149	
Benzene	20.0	21.0	104	4	30	71-126	
Bromodichloromethane	20.0	21.0	105	4	30	76-121	
Bromoform	20.0	26.0	130	1	30	58-136	
Bromomethane	20.0	21.8	109	16	30	10-120	
Carbon disulfide	20.0	17.8	89	4	30	68-138	
Carbon tetrachloride	20.0	19.5	97	0	30	65-142	
Chlorobenzene	20.0	19.8	99	2	30	80-120	
Chloroethane	20.0	27.6	138	6	30	48-150	
Chloroform	20.0	19.9	100	2	30	78-125	
Chloromethane	20.0	25.3	127	2	30	43-140	
cis-1,2-Dichloroethene	20.0	18.6	93	6	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	102	1	30	74-125	
Dibromochloromethane	20.0	22.6	113	4	30	69-130	
Ethylbenzene	20.0	19.9	99	4	30	78-120	
Methyl Ethyl Ketone	100	69.4	69	7	30	61-142	
methyl isobutyl ketone	100	94.3	94	2	30	69-139	
Methylene Chloride	20.0	19.1	96	2	30	74-127	
Styrene	20.0	20.7	103	5	30	82-127	
Tetrachloroethene	20.0	37.8	85	4	30	70-127	
Toluene	20.0	19.5	97	3	30	78-120	
trans-1,2-Dichloroethene	20.0	18.2	91	1	30	74-126	
trans-1,3-Dichloropropene	20.0	21.9	109	1	30	66-127	
Trichloroethene	20.0	17.9	90	1	30	51-121	
Vinyl chloride	20.0	22.7	113	1	30	55-144	
Xylenes, Total	40.0	39.3	98	3	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab File ID: V42038.D Lab Sample ID: MB 460-926363/11

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

Instrument ID: CVOAMS7 Date Analyzed: 08/14/2023 10:40

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-926363/6	V42033.D	08/14/2023 08:54
FB0809	460-285954-12	V42040.D	08/14/2023 11:22
Trip Blank	460-285954-13	V42041.D	08/14/2023 11:44
A-02	460-285954-4	V42047.D	08/14/2023 13:52
A-15	460-285954-1	V42048.D	08/14/2023 14:13
ME-8	460-285954-2	V42049.D	08/14/2023 14:35
ME-113	460-285954-3	V42050.D	08/14/2023 14:56
A-07	460-285954-8	V42051.D	08/14/2023 15:18
A-05	460-285954-9	V42052.D	08/14/2023 15:39
A-09	460-285954-10	V42053.D	08/14/2023 16:01
A-08	460-285954-7	V42057.D	08/14/2023 17:26
MW-13	460-285954-14	V42058.D	08/14/2023 17:47
A-02 MS	460-285954-4 MS	V42059.D	08/14/2023 18:09
A-02 MSD	460-285954-4 MSD	V42060.D	08/14/2023 18:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab File ID: V42069.D Lab Sample ID: MB 460-926520/8

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

Instrument ID: CVOAMS7 Date Analyzed: 08/14/2023 22:11

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-926520/3	V42064.D	08/14/2023 20:25
	LCSD 460-926520/5	V42066.D	08/14/2023 21:07
A-10	460-285954-11	V42082.D	08/15/2023 02:47
A-066	460-285954-6	V42083.D	08/15/2023 03:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab File ID: V42137.D Lab Sample ID: MB 460-926740/8

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

Instrument ID: CVOAMS7 Date Analyzed: 08/15/2023 22:25

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-926740/4	V42133.D	08/15/2023 21:00
	LCSD 460-926740/5	V42134.D	08/15/2023 21:21
A-06	460-285954-5	V42158.D	08/16/2023 05:50

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab File ID: V41111.D BFB Injection Date: 07/23/2023

Instrument ID: CVOAMS7 BFB Injection Time: 14:59

Analysis Batch No.: 922541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	195.9
96	5 - 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	51.0
175	5 - 9% of m/z 174	5.5
176	95 -105% of m/z 174	96.1
177	5 - 10% of m/z 176	6.5

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-922541/3	V41113.D	07/23/2023	15:58
	STD1 460-922541/5	V41115.D	07/23/2023	16:40
	STD5 460-922541/6	V41116.D	07/23/2023	17:02
	STD20 460-922541/7	V41117.D	07/23/2023	17:23
	STD50 460-922541/8	V41118.D	07/23/2023	17:44
	STD200 460-922541/9	V41119.D	07/23/2023	18:06
	STD500 460-922541/10	V41120.D	07/23/2023	18:27
	ICV 460-922541/21	V41131.D	07/23/2023	22:20

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: STD20 460-922541/7 Date Analyzed: 07/23/2023 17:23

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V41117.D Heated Purge: (Y/N) N

Calibration ID: 93858

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		32554	2.51	241011	3.43	515518	4.45
UPPER LIMIT		65108	3.01	482022	3.93	1031036	4.95
LOWER LIMIT		16277	2.01	120506	2.93	257759	3.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-922541/21		32671	2.51	229094	3.43	516974	4.45

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: STD20 460-922541/7 Date Analyzed: 07/23/2023 17:23

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V41117.D Heated Purge: (Y/N) N

Calibration ID: 93858

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31031	5.16	385485	8.09	167430	10.41
UPPER LIMIT		62062	5.66	770970	8.59	334860	10.91
LOWER LIMIT		15516	4.66	192743	7.59	83715	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-922541/21		30719	5.16	381046	8.09	164313	10.41

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926363/5 Date Analyzed: 08/14/2023 08:21

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42032.D Heated Purge: (Y/N) N

Calibration ID: 93858

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24928	2.51	235420	3.43	422102	4.45
UPPER LIMIT		49856	3.01	470840	3.93	844204	4.95
LOWER LIMIT		12464	2.01	117710	2.93	211051	3.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926363/6		27156	2.51	272094	3.43	424450	4.45
MB 460-926363/11		24982	2.51	251992	3.43	414392	4.45
460-285954-12	FB0809	26282	2.51	243735	3.43	397564	4.45
460-285954-13	Trip Blank	23771	2.51	212012	3.43	363730	4.45
460-285954-4	A-02	24222	2.51	220222	3.43	359107	4.45
460-285954-1	A-15	23487	2.51	216923	3.43	363229	4.45
460-285954-2	ME-8	24034	2.51	215671	3.43	352893	4.45
460-285954-3	ME-113	24269	2.51	214300	3.43	351862	4.45
460-285954-8	A-07	21987	2.51	193909	3.43	331442	4.45
460-285954-9	A-05	23259	2.51	220992	3.43	346668	4.45
460-285954-10	A-09	23050	2.51	214157	3.43	339106	4.45
460-285954-7	A-08	23011	2.51	207120	3.43	347316	4.45
460-285954-14	MW-13	24126	2.51	217269	3.43	342990	4.45
460-285954-4 MS	A-02 MS	27366	2.52	241383	3.43	365083	4.45
460-285954-4 MSD	A-02 MSD	28284	2.51	257591	3.43	369445	4.45

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926363/5 Date Analyzed: 08/14/2023 08:21

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42032.D Heated Purge: (Y/N) N

Calibration ID: 93858

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19000	5.16	273101	8.09	110762	10.41
UPPER LIMIT		38000	5.66	546202	8.59	221524	10.91
LOWER LIMIT		9500	4.66	136551	7.59	55381	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926363/6		21818	5.16	283465	8.09	117125	10.41
MB 460-926363/11		22111	5.16	273487	8.09	111416	10.41
460-285954-12	FB0809	20782	5.16	272353	8.09	109657	10.41
460-285954-13	Trip Blank	17193	5.16	238051	8.09	95559	10.41
460-285954-4	A-02	17433	5.16	243582	8.09	99864	10.41
460-285954-1	A-15	19640	5.16	235566	8.09	97083	10.41
460-285954-2	ME-8	19505	5.17	234668	8.09	96555	10.41
460-285954-3	ME-113	15949	5.16	231212	8.09	95776	10.41
460-285954-8	A-07	17384	5.16	221760	8.09	92799	10.41
460-285954-9	A-05	18146	5.16	237503	8.09	102142	10.41
460-285954-10	A-09	18814	5.16	226627	8.09	95164	10.41
460-285954-7	A-08	18312	5.16	232003	8.09	96978	10.41
460-285954-14	MW-13	19153	5.16	233787	8.09	96477	10.41
460-285954-4 MS	A-02 MS	21852	5.16	252994	8.09	108200	10.41
460-285954-4 MSD	A-02 MSD	22635	5.16	261023	8.09	113781	10.41

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926520/2 Date Analyzed: 08/14/2023 20:03

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42063.D Heated Purge: (Y/N) N

Calibration ID: 93858

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24256	2.52	228496	3.43	377807	4.45
UPPER LIMIT		48512	3.02	456992	3.93	755614	4.95
LOWER LIMIT		12128	2.02	114248	2.93	188904	3.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926520/3		30309	2.51	285520	3.43	429561	4.45
LCSD 460-926520/5		29734	2.51	278250	3.43	433487	4.45
MB 460-926520/8		26190	2.51	248453	3.43	403767	4.45
460-285954-11	A-10	22617	2.51	211850	3.43	371073	4.45
460-285954-6	A-066	23944	2.51	226198	3.43	375209	4.46

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926520/2 Date Analyzed: 08/14/2023 20:03

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42063.D Heated Purge: (Y/N) N

Calibration ID: 93858

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19355	5.16	259350	8.09	109012	10.41
UPPER LIMIT		38710	5.66	518700	8.59	218024	10.91
LOWER LIMIT		9678	4.66	129675	7.59	54506	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926520/3		25085	5.16	286409	8.09	122888	10.41
LCSD 460-926520/5		25239	5.16	284989	8.09	119344	10.41
MB 460-926520/8		21952	5.16	263539	8.09	107804	10.41
460-285954-11	A-10	17253	5.16	251716	8.09	105163	10.41
460-285954-6	A-066	16095	5.16	253831	8.09	104581	10.41

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926740/3 Date Analyzed: 08/15/2023 20:39

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42132.D Heated Purge: (Y/N) N

Calibration ID: 93858

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		33592	2.51	316755	3.43	482271	4.45
UPPER LIMIT		67184	3.01	633510	3.93	964542	4.95
LOWER LIMIT		16796	2.01	158378	2.93	241136	3.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926740/4		36025	2.51	320717	3.43	478157	4.45
LCSD 460-926740/5		35447	2.51	315867	3.43	512589	4.45
MB 460-926740/8		26838	2.51	252304	3.43	463649	4.45
460-285954-5	A-06	26716	2.51	237498	3.43	445416	4.45

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Sample No.: CCVIS 460-926740/3 Date Analyzed: 08/15/2023 20:39

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V42132.D Heated Purge: (Y/N) N

Calibration ID: 93858

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		27406	5.16	326237	8.09	130242	10.41
UPPER LIMIT		54812	5.66	652474	8.59	260484	10.91
LOWER LIMIT		13703	4.66	163119	7.59	65121	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-926740/4		25716	5.16	330371	8.09	140136	10.41
LCSD 460-926740/5		25816	5.16	341342	8.09	142109	10.41
MB 460-926740/8		20961	5.16	289280	8.09	119951	10.41
460-285954-5	A-06	19296	5.16	294526	8.09	117728	10.41

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-285954-1

Matrix: Water | Lab File ID: V42048.D

Analysis Method: 8260D | Date Collected: 08/09/2023 07:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 14:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	19		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-285954-1

Matrix: Water | Lab File ID: V42048.D

Analysis Method: 8260D | Date Collected: 08/09/2023 07:40

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 14:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D
Lims ID: 460-285954-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 14-Aug-2023 14:13:30 ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-1
Misc. Info.: 460-0164631-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:17:44 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:17:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	23487	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	216923	250.0	
51 Chloroform	83	3.723	3.723	0.000	60	1368	0.2327	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	86360	49.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	92	97098	55.4	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	363229	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	19640	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	418883	52.9	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	52609	19.5	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	235566	50.0	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	87677	56.2	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	97083	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:17:44 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D

Injection Date: 14-Aug-2023 14:13:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-1 Lab Sample ID: 460-285954-1

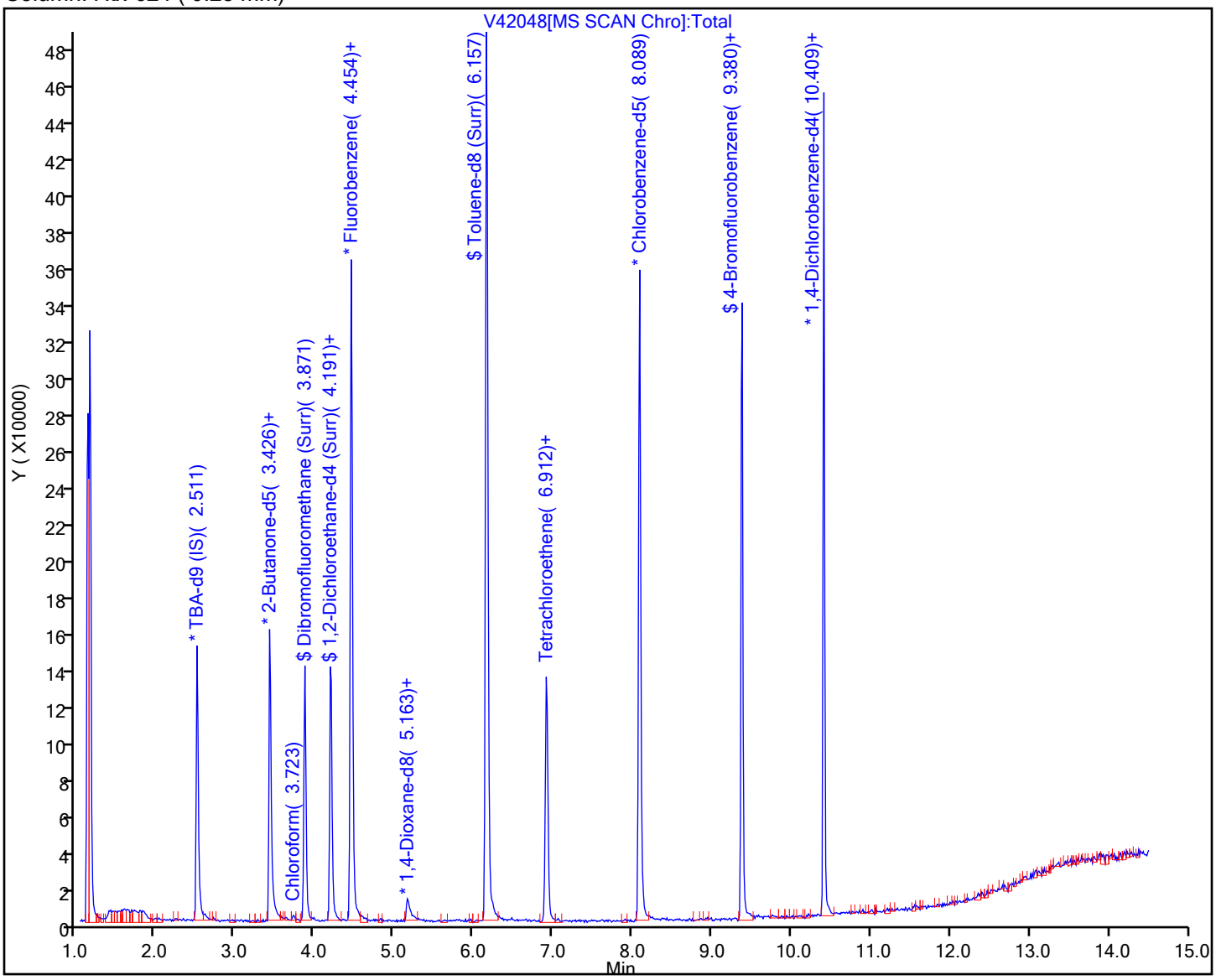
Client ID: A-15

Operator ID: ALS Bottle#: 70 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D
Lims ID: 460-285954-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 14-Aug-2023 14:13:30 ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-1
Misc. Info.: 460-0164631-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:17:44 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

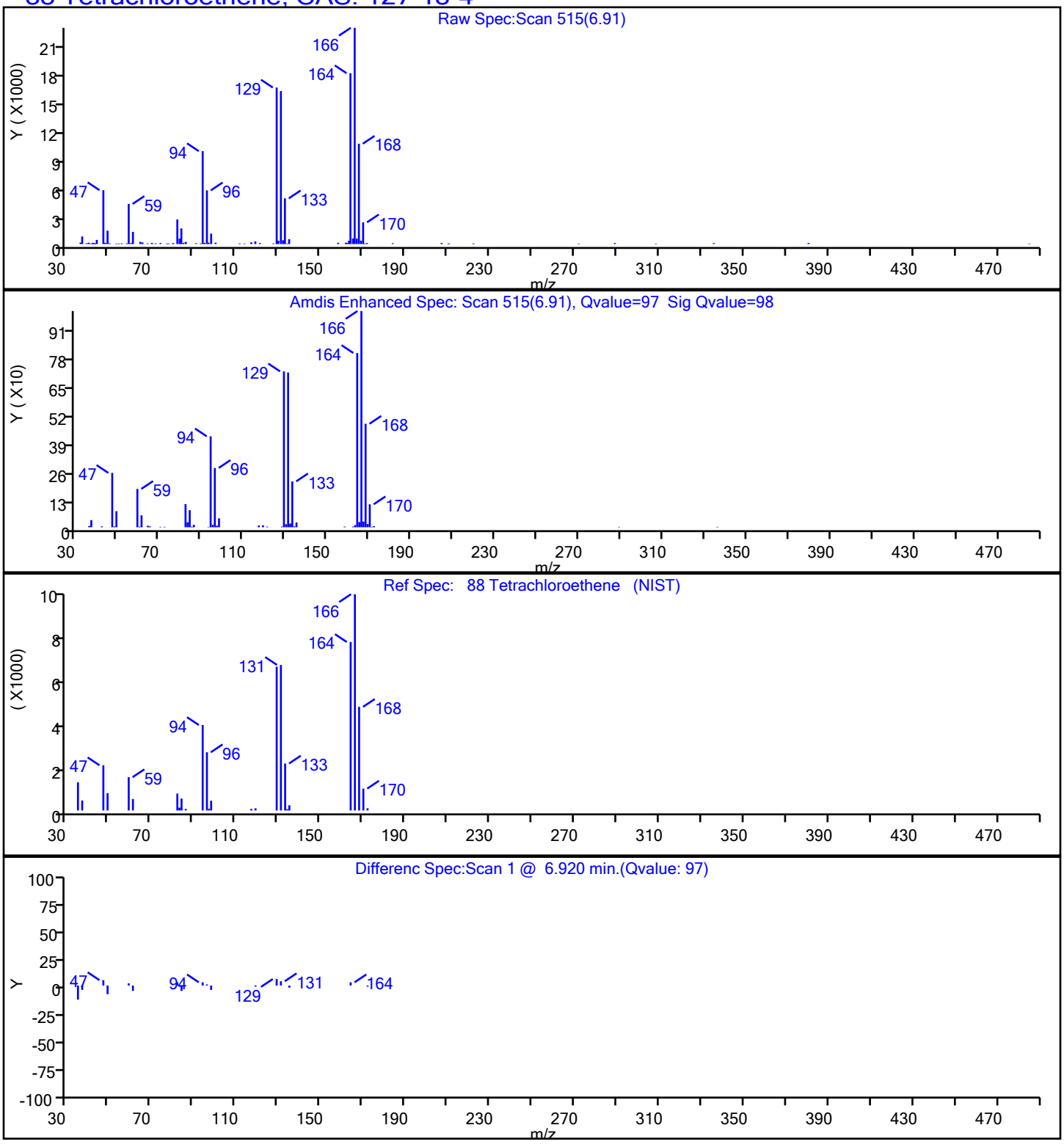
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:17:44

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.0	97.92
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.4	110.86
$ 82 Toluene-d8 (Surr)	50.0	52.9	105.87
$ 105 4-Bromofluorobenzene	50.0	56.2	112.44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D
Injection Date: 14-Aug-2023 14:13:30 Instrument ID: CVOAMS7
Lims ID: 460-285954-A-1 Lab Sample ID: 460-285954-1
Client ID: A-15
Operator ID: ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



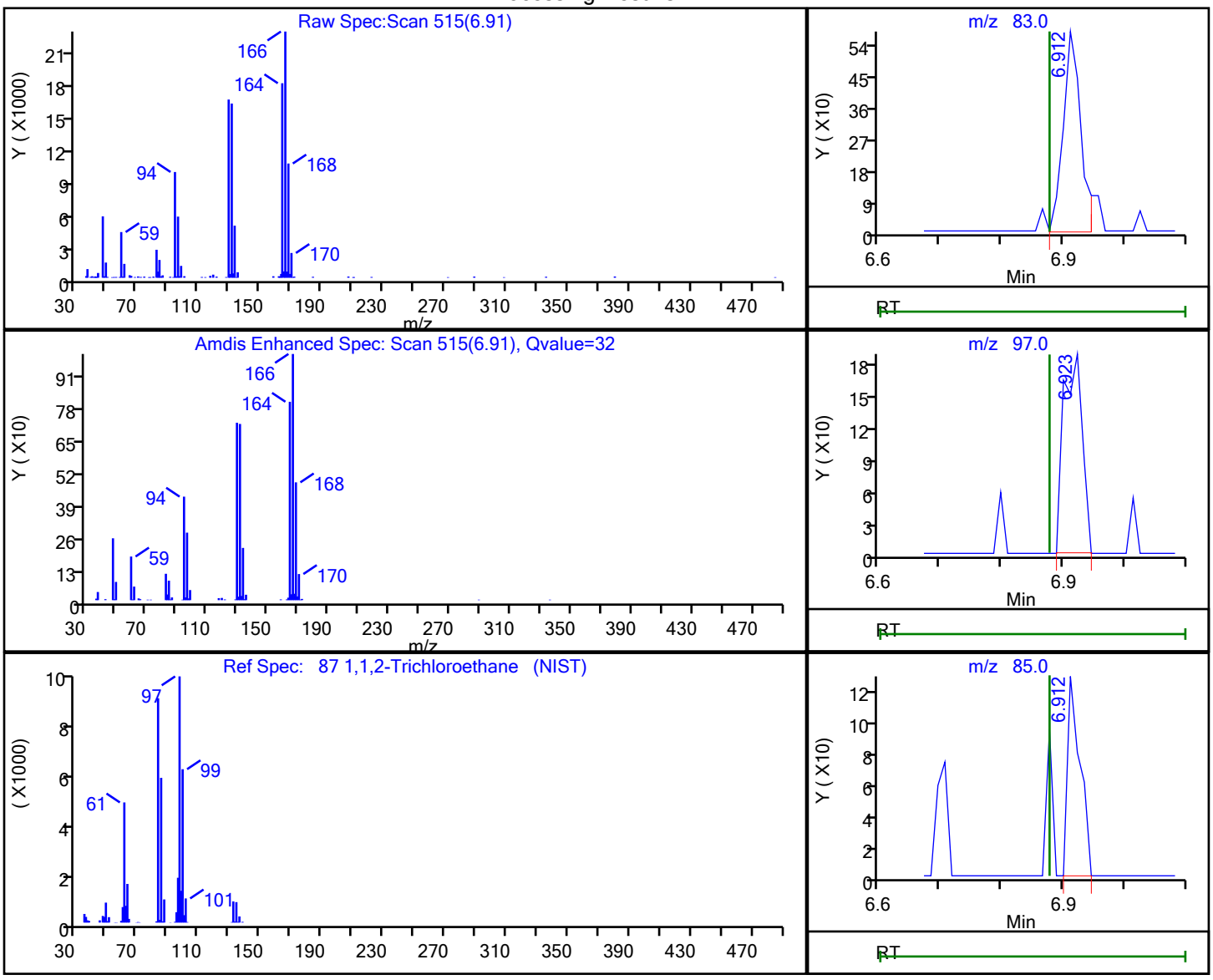
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D				
Injection Date:	14-Aug-2023 14:13:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-1	Lab Sample ID:	460-285954-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	1146	0.437578
6.92	97.00	392	
6.91	85.00	183	

Reviewer: HVW2, 14-Aug-2023 20:17:38 -04:00:00 (UTC)

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

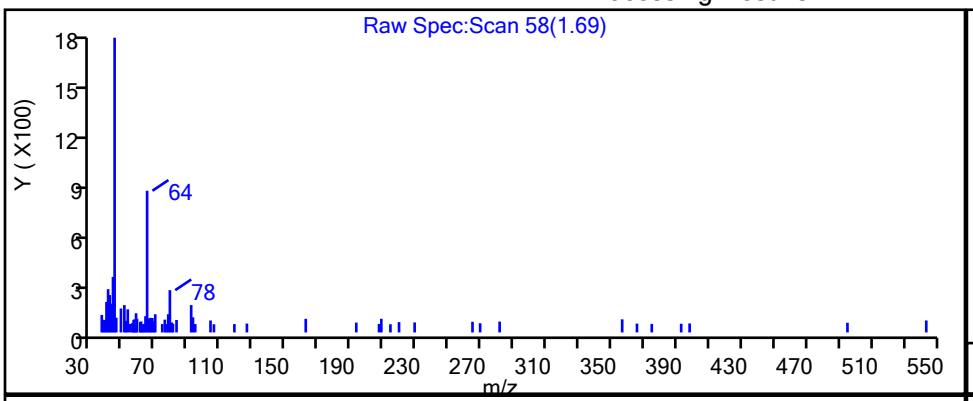
User Disabled Compound Report

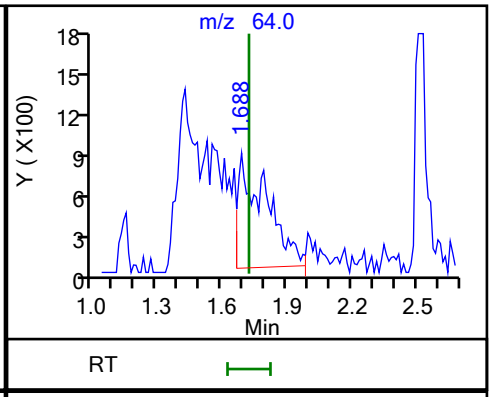
Eurofins Edison

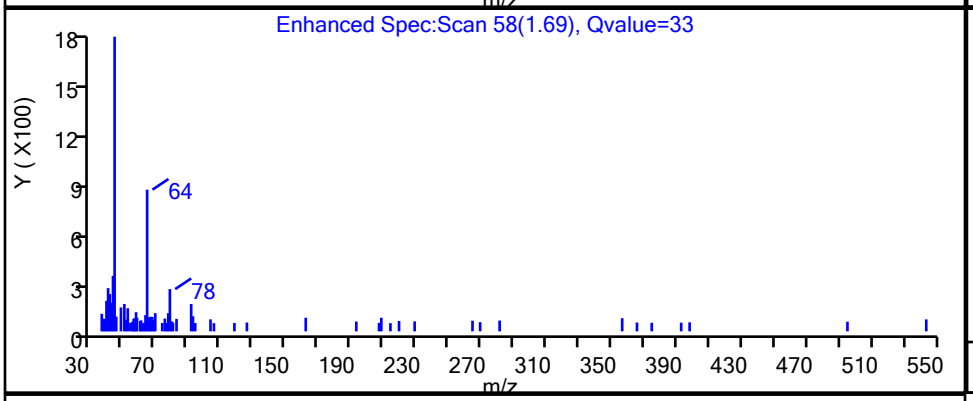
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42048.D				
Injection Date:	14-Aug-2023 14:13:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-1	Lab Sample ID:	460-285954-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

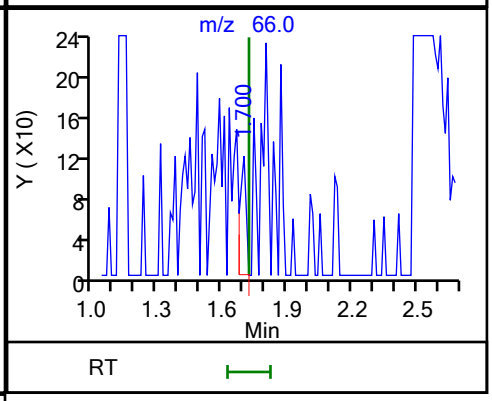
10 Chloroethane, CAS: 75-00-3

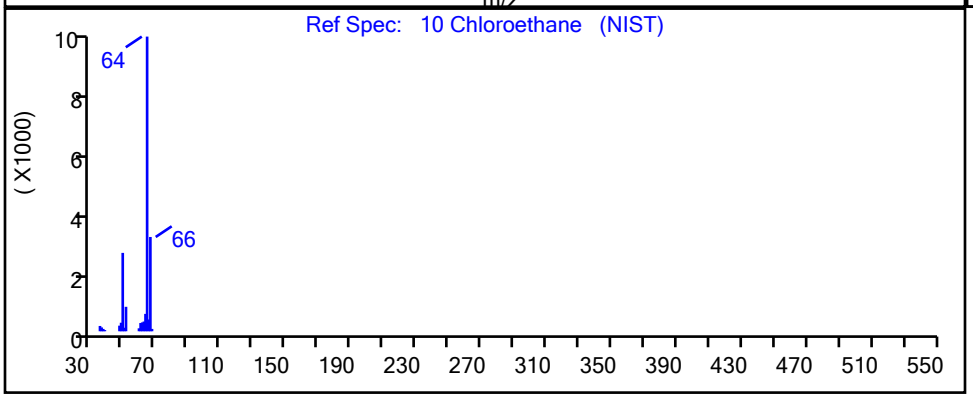
Processing Results











RT	Mass	Response	Amount
1.69	64.00	7534	2.762106
1.70	66.00	222	

Reviewer: HVW2, 14-Aug-2023 20:17:34 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-285954-2

Matrix: Water | Lab File ID: V42049.D

Analysis Method: 8260D | Date Collected: 08/09/2023 08:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 14:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	190		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-285954-2

Matrix: Water | Lab File ID: V42049.D

Analysis Method: 8260D | Date Collected: 08/09/2023 08:20

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 14:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	113		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D
Lims ID: 460-285954-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 14-Aug-2023 14:35:30 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-2
Misc. Info.: 460-0164631-022
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:17:57 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:17:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	24034	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	215671	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	85102	49.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	92	94197	55.3	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	352893	50.0	
* 68 1,4-Dioxane-d8	96	5.174	5.163	0.011	89	19505	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	410164	52.0	
88 Tetrachloroethene	166	6.912	6.912	0.000	96	501278	186.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	234668	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	87573	56.4	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	96555	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:17:57 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D

Injection Date: 14-Aug-2023 14:35:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-2 Lab Sample ID: 460-285954-2

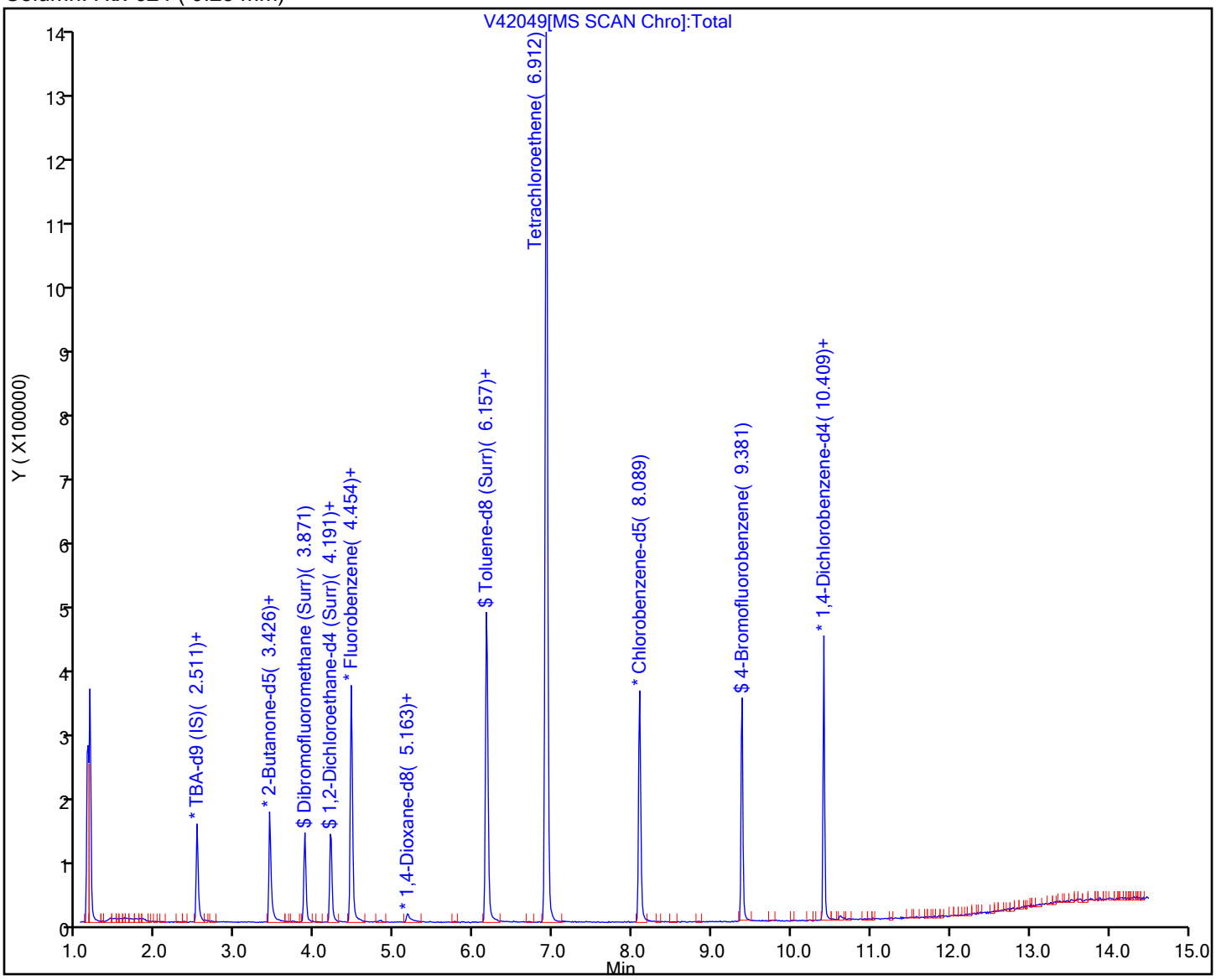
Client ID: ME-8

Operator ID: ALS Bottle#: 71 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D
Lims ID: 460-285954-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 14-Aug-2023 14:35:30 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-2
Misc. Info.: 460-0164631-022
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:17:57 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:17:57

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.7	99.32
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.69
$ 82 Toluene-d8 (Surr)	50.0	52.0	104.06
$ 105 4-Bromofluorobenzene	50.0	56.4	112.73

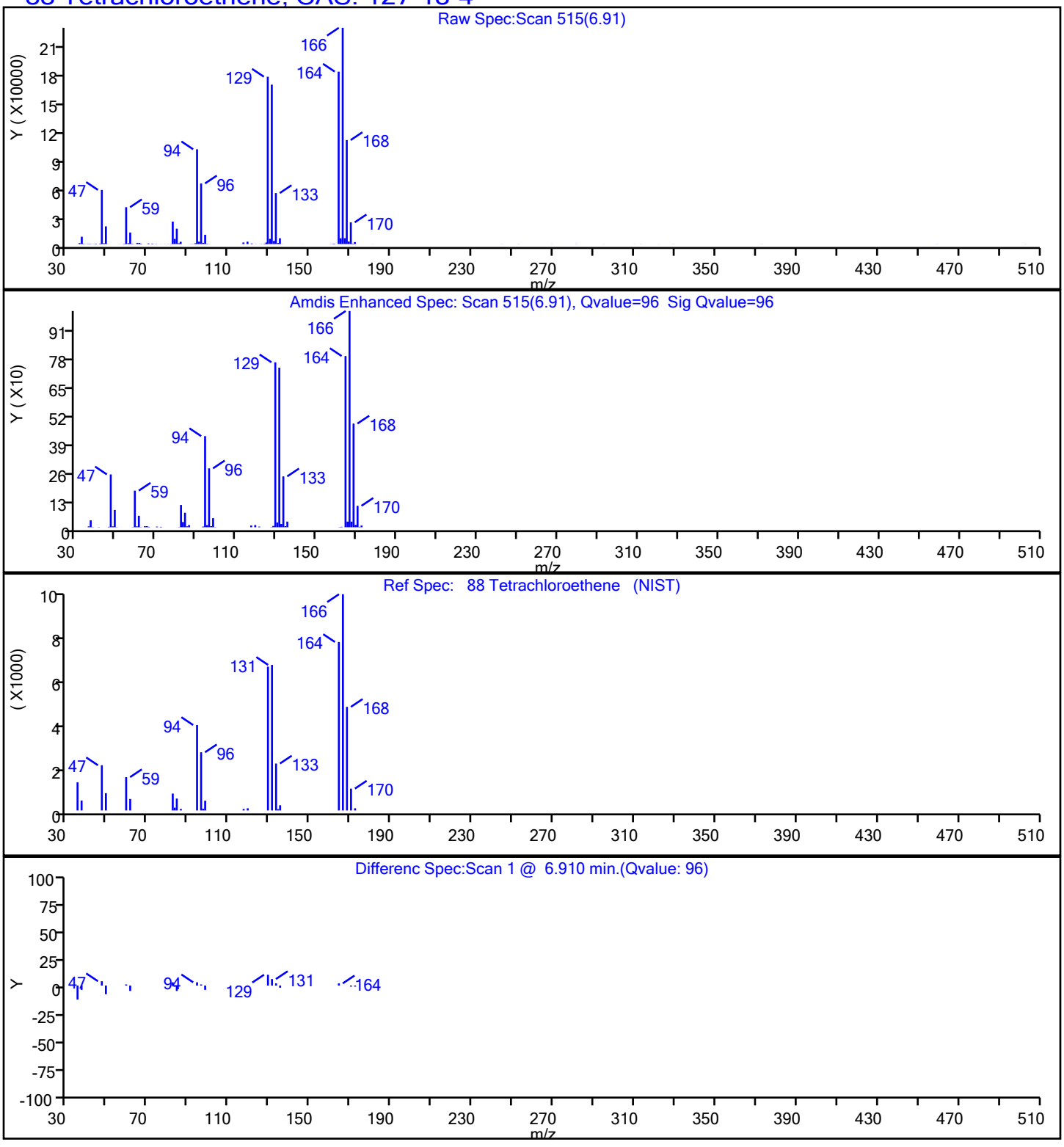
Report Date: 14-Aug-2023 20:17:58 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D

Injection Date:	14-Aug-2023 14:35:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-2	Lab Sample ID:	460-285954-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



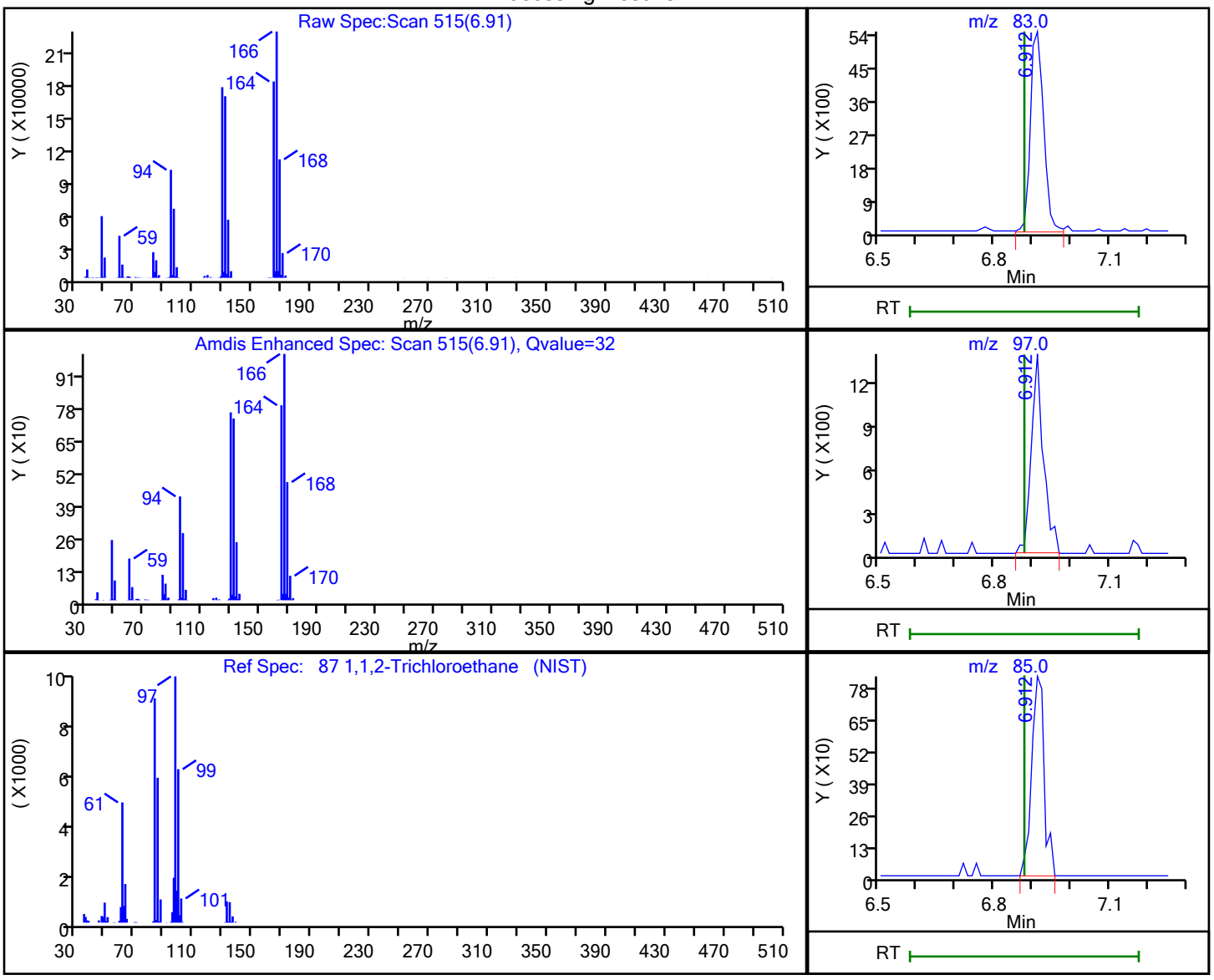
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D				
Injection Date:	14-Aug-2023 14:35:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-2	Lab Sample ID:	460-285954-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	12973	4.972447
6.91	97.00	2907	
6.91	85.00	1888	

Reviewer: HVW2, 14-Aug-2023 20:17:50 -04:00:00 (UTC)

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

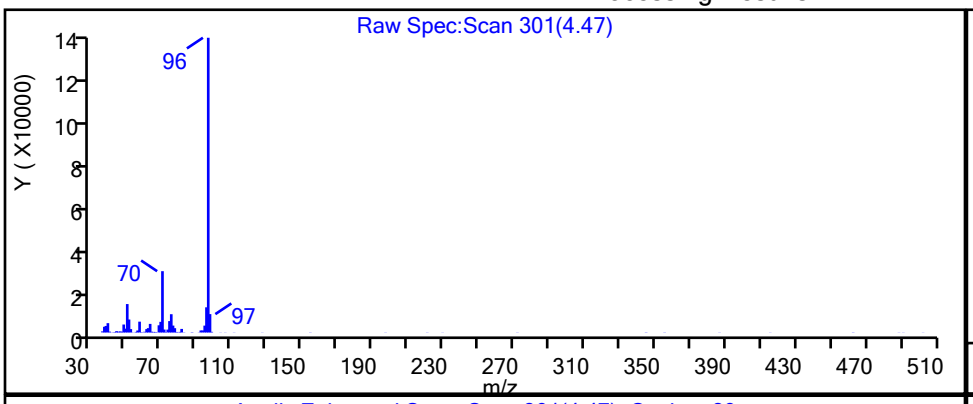
User Disabled Compound Report

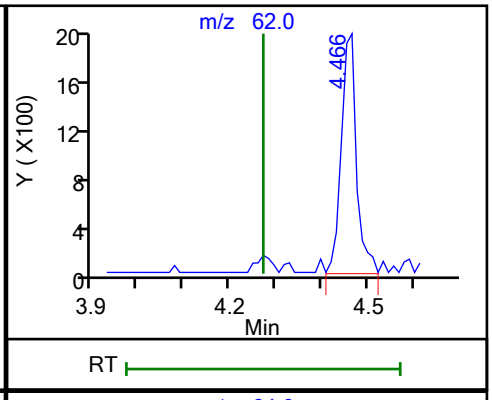
Eurofins Edison

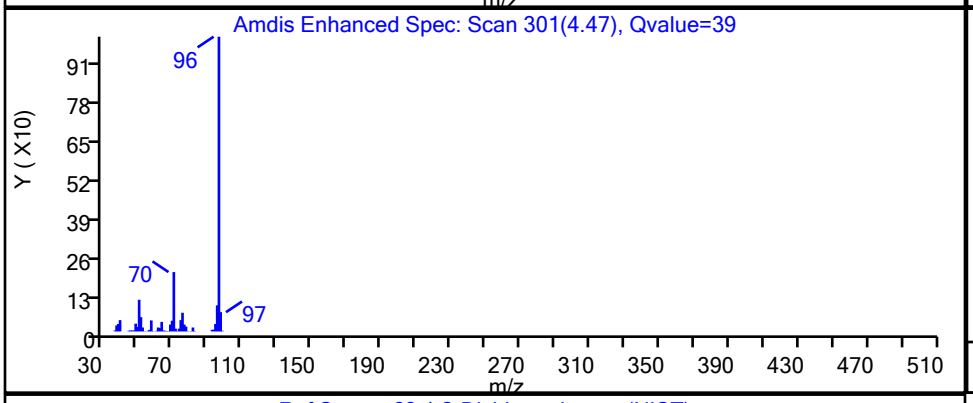
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42049.D				
Injection Date:	14-Aug-2023 14:35:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-2	Lab Sample ID:	460-285954-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

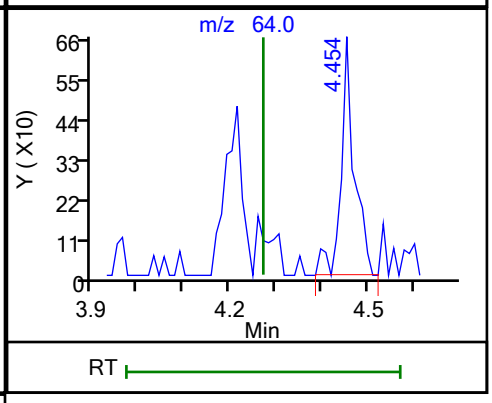
63 1,2-Dichloroethane, CAS: 107-06-2

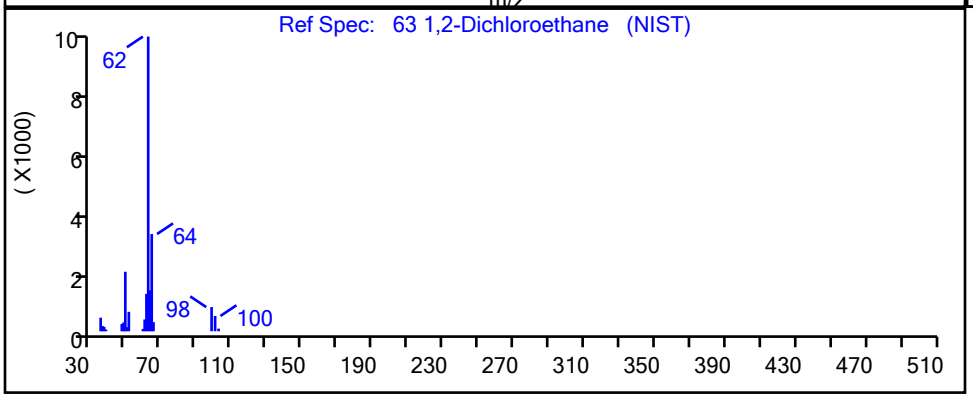
Processing Results











RT	Mass	Response	Amount
4.47	62.00	4385	1.166817
4.45	64.00	1343	

Reviewer: HVW2, 14-Aug-2023 20:17:48 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: ME-113 | Lab Sample ID: 460-285954-3

Matrix: Water | Lab File ID: V42050.D

Analysis Method: 8260D | Date Collected: 08/09/2023 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 14:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	28		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: ME-113 Lab Sample ID: 460-285954-3

Matrix: Water Lab File ID: V42050.D

Analysis Method: 8260D Date Collected: 08/09/2023 09:25

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 14:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	117		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42050.D				
Lims ID:	460-285954-A-3				
Client ID:	ME-113				
Sample Type:	Client				
Inject. Date:	14-Aug-2023 14:56:30	ALS Bottle#:	72	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-285954-A-3				
Misc. Info.:	460-0164631-023				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Aug-2023 20:18:08	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1671				
First Level Reviewer: HVW2		Date:	14-Aug-2023 20:18:08		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	24269	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	214300	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	83227	48.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	91	93907	55.3	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	351862	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	15949	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	401399	51.7	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	73240	27.6	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	88	231212	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	89651	58.6	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	95776	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Aug-2023 20:18:08 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42050.D

Injection Date: 14-Aug-2023 14:56:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-3 Lab Sample ID: 460-285954-3

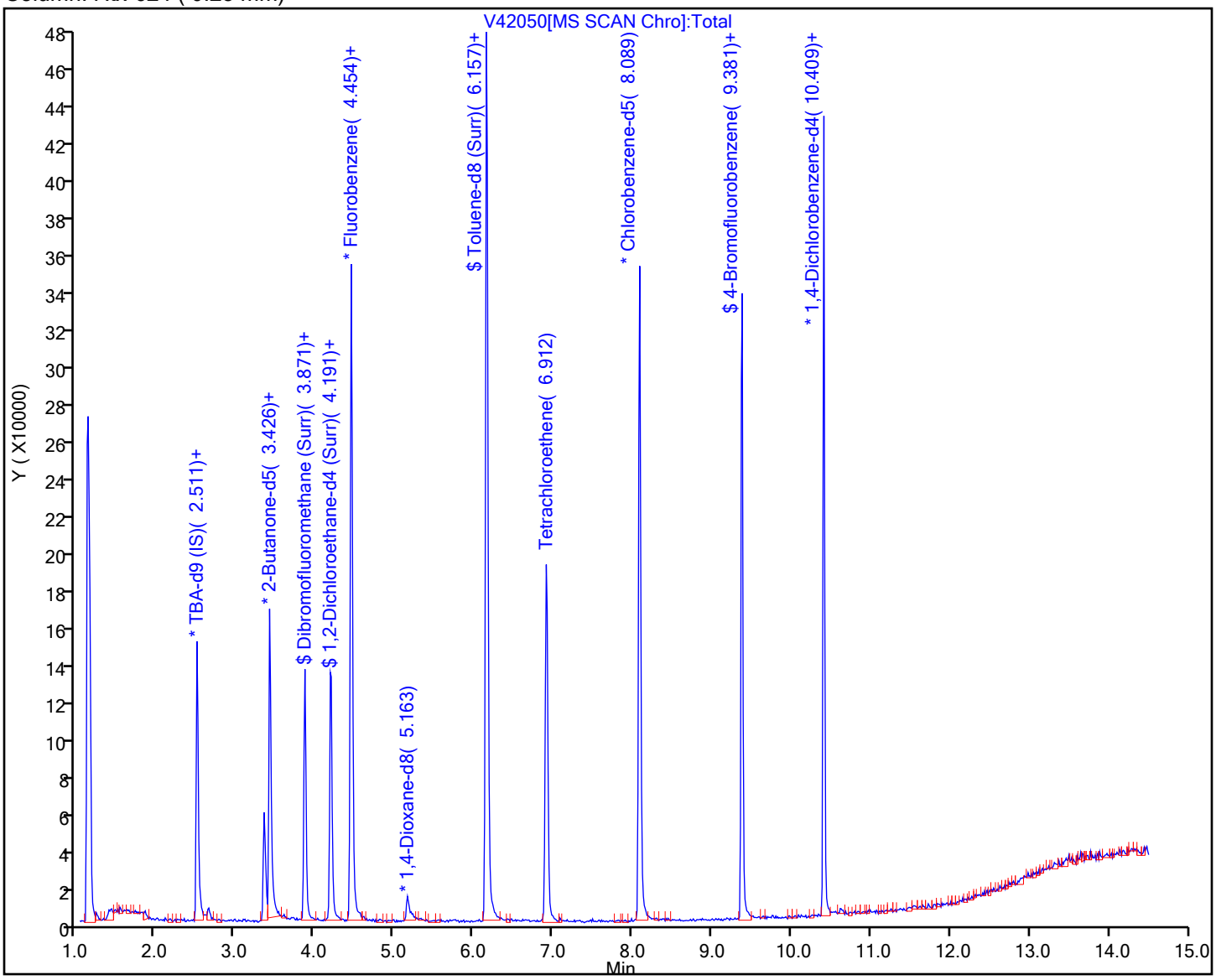
Client ID: ME-113

Operator ID: ALS Bottle#: 72 Worklist Smp#: 23

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42050.D
Lims ID: 460-285954-A-3
Client ID: ME-113
Sample Type: Client
Inject. Date: 14-Aug-2023 14:56:30 ALS Bottle#: 72 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-3
Misc. Info.: 460-0164631-023
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:18:08 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

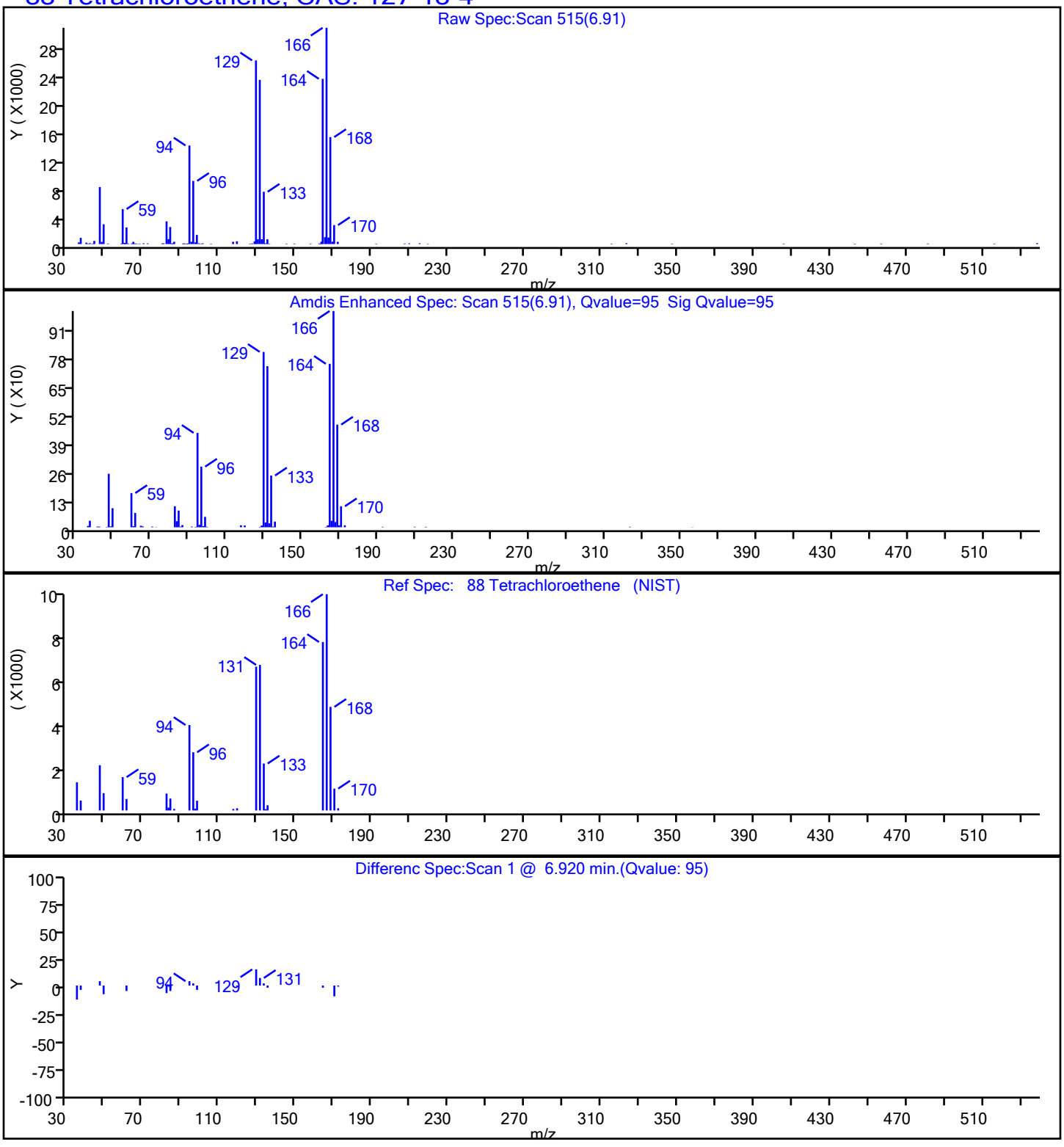
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:18:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.7	97.41
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.3	110.68
$ 82 Toluene-d8 (Surr)	50.0	51.7	103.36
$ 105 4-Bromofluorobenzene	50.0	58.6	117.13

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42050.D		
Injection Date:	14-Aug-2023 14:56:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-3	Lab Sample ID:	460-285954-3
Client ID:	ME-113		
Operator ID:		ALS Bottle#:	72 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



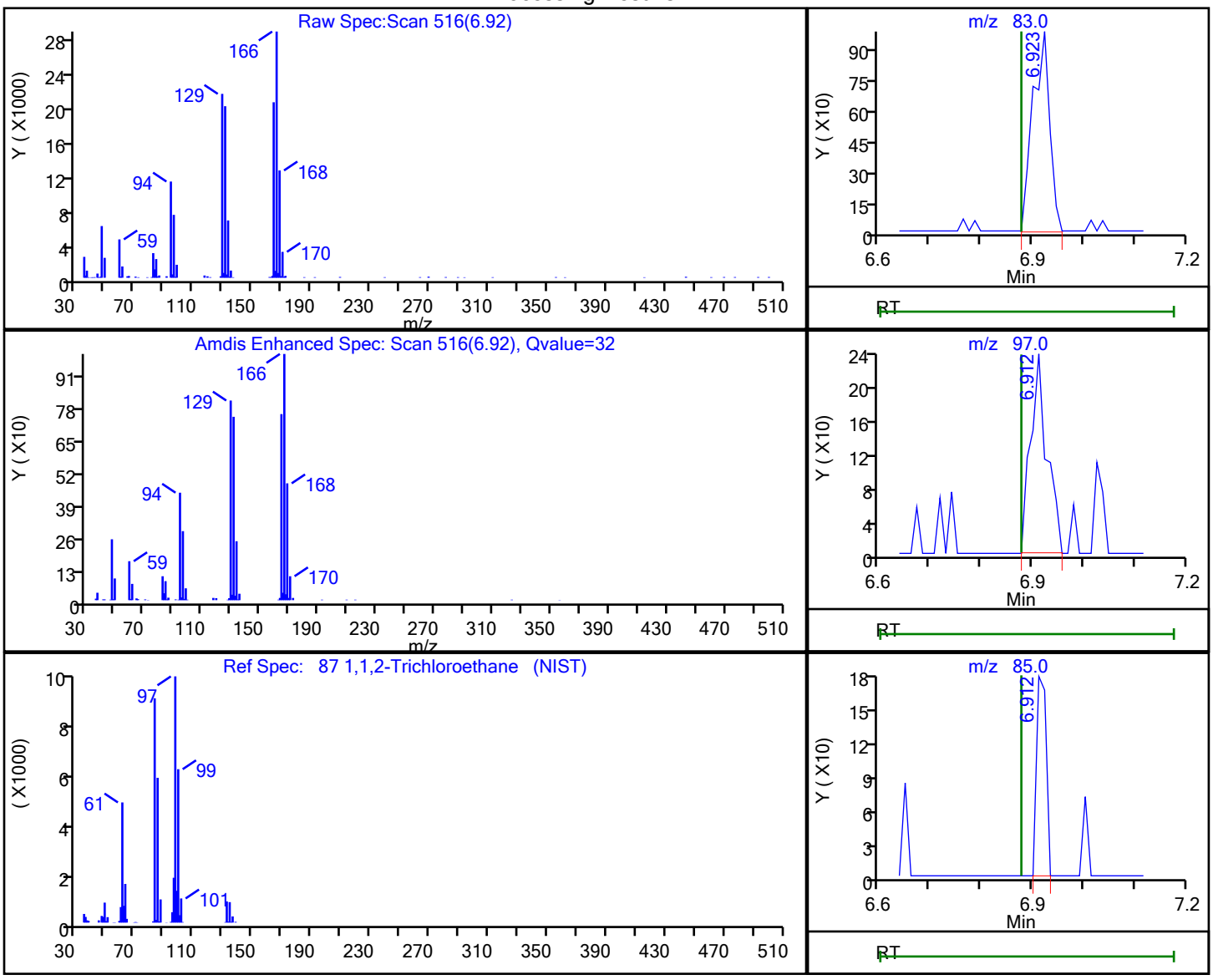
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42050.D				
Injection Date:	14-Aug-2023 14:56:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-3	Lab Sample ID:	460-285954-3		
Client ID:	ME-113				
Operator ID:		ALS Bottle#:	72	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.92	83.00	2259	0.878799
6.91	97.00	535	
6.91	85.00	230	

Reviewer: HVW2, 14-Aug-2023 20:18:03 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-285954-4

Matrix: Water | Lab File ID: V42047.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 13:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	0.21	J	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	21		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 Lab Sample ID: 460-285954-4

Matrix: Water Lab File ID: V42047.D

Analysis Method: 8260D Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 13:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D
Lims ID: 460-285954-A-4
Client ID: A-02
Sample Type: Client
Inject. Date: 14-Aug-2023 13:52:30 ALS Bottle#: 69 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-4
Misc. Info.: 460-0164631-020
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:39:18 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:16:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	24222	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	220222	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	95	82161	47.1	
59 Benzene	78	4.180	4.180	0.000	38	3297	0.2103	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	90	92281	53.3	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	359107	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	93	17433	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	416458	50.9	
88 Tetrachloroethene	166	6.912	6.912	0.000	96	57947	20.7	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	86	243582	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	87480	54.2	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	95	99864	50.0	
S 139 Total BTEX	1				0		0.2103	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 15-Aug-2023 18:41:29 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D

Injection Date: 14-Aug-2023 13:52:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-4 Lab Sample ID: 460-285954-4

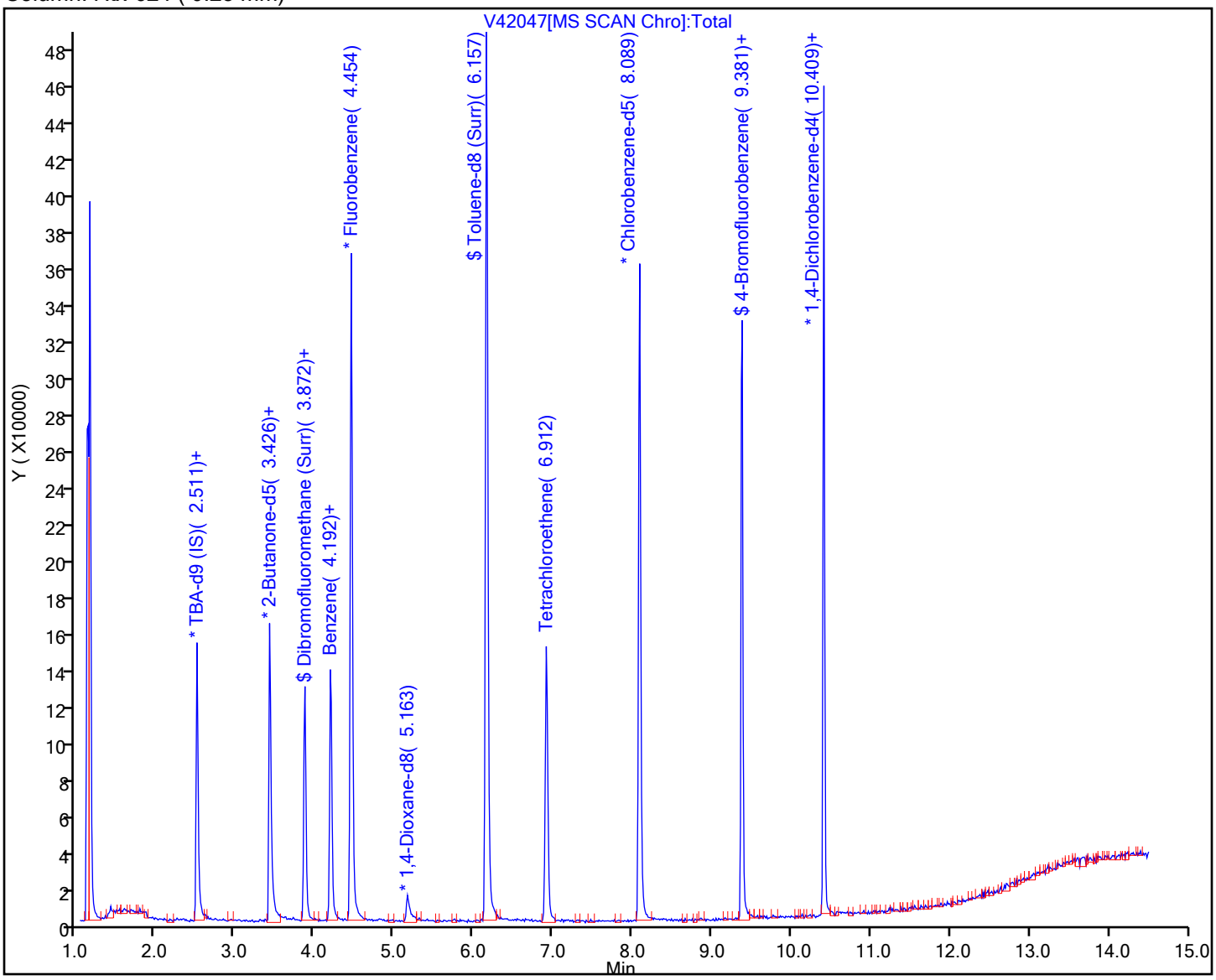
Client ID: A-02

Operator ID: ALS Bottle#: 69 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D				
Lims ID:	460-285954-A-4				
Client ID:	A-02				
Sample Type:	Client				
Inject. Date:	14-Aug-2023 13:52:30	ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-285954-A-4				
Misc. Info.:	460-0164631-020				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	15-Aug-2023 18:39:18	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1626				

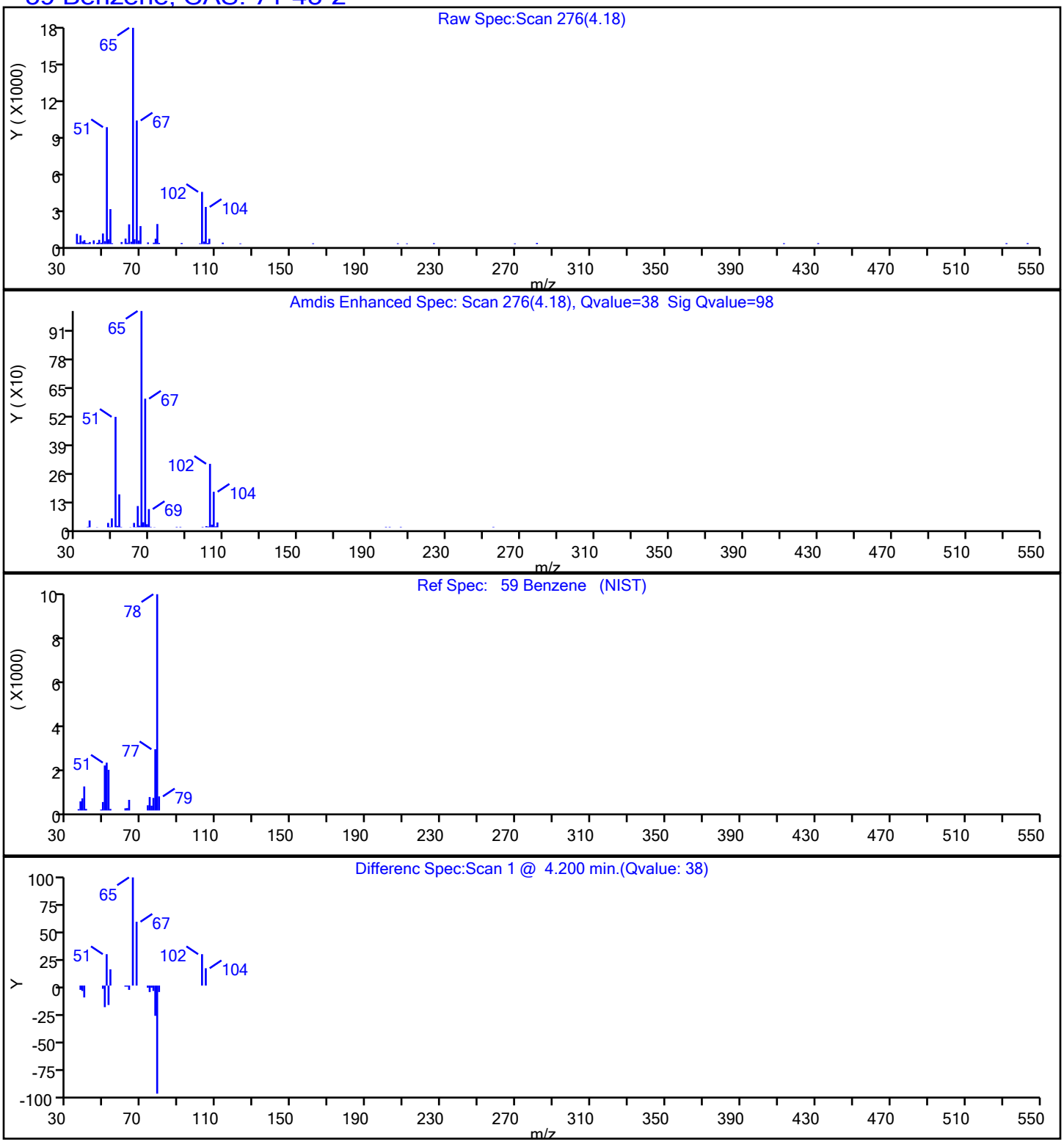
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:16:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.1	94.23
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.3	106.57
$ 82 Toluene-d8 (Surr)	50.0	50.9	101.79
$ 105 4-Bromofluorobenzene	50.0	54.2	108.49

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D		
Injection Date:	14-Aug-2023 13:52:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-4	Lab Sample ID:	460-285954-4
Client ID:	A-02		
Operator ID:		ALS Bottle#:	69 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

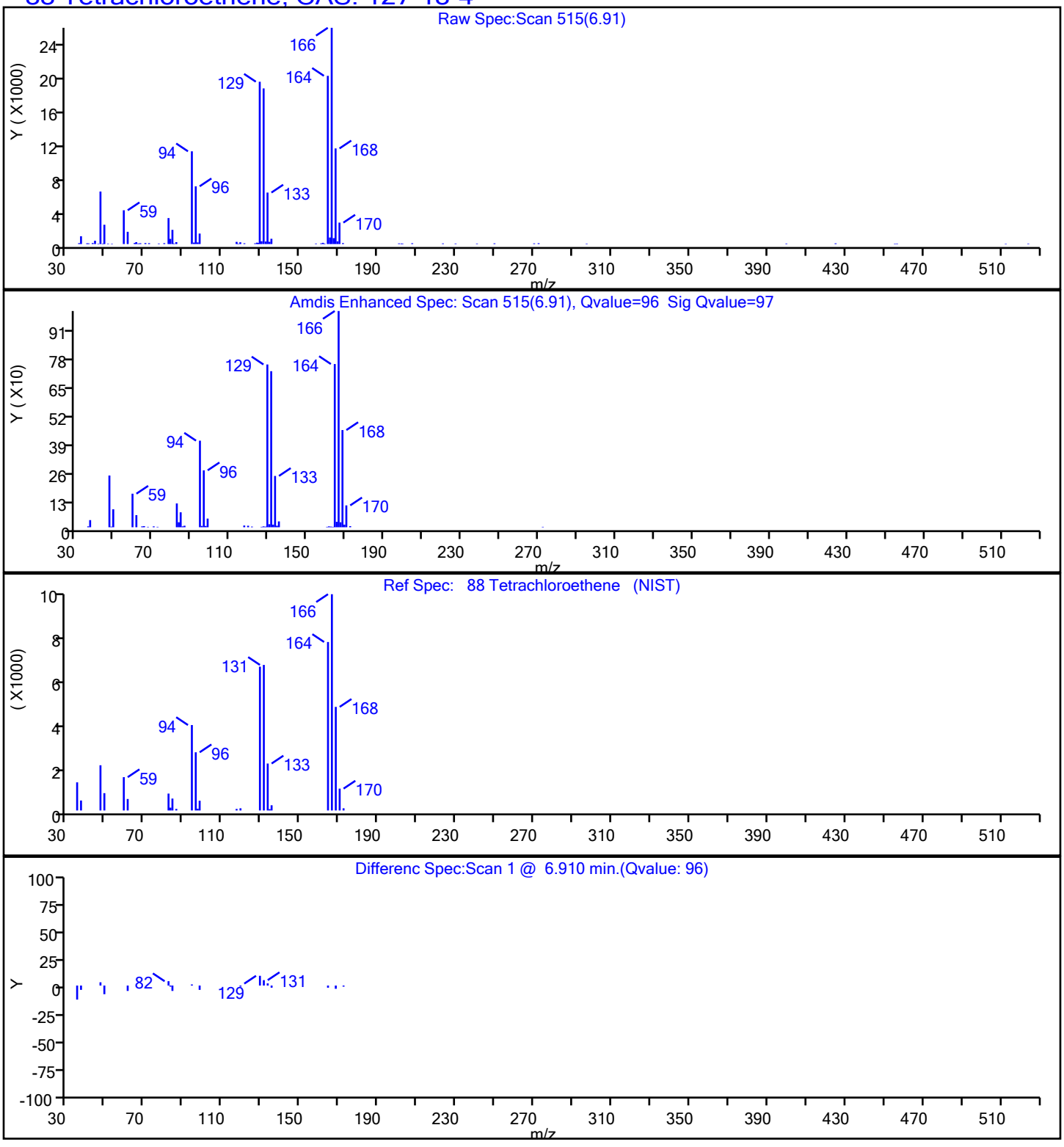
59 Benzene, CAS: 71-43-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D		
Injection Date:	14-Aug-2023 13:52:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-4	Lab Sample ID:	460-285954-4
Client ID:	A-02		
Operator ID:		ALS Bottle#:	69 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



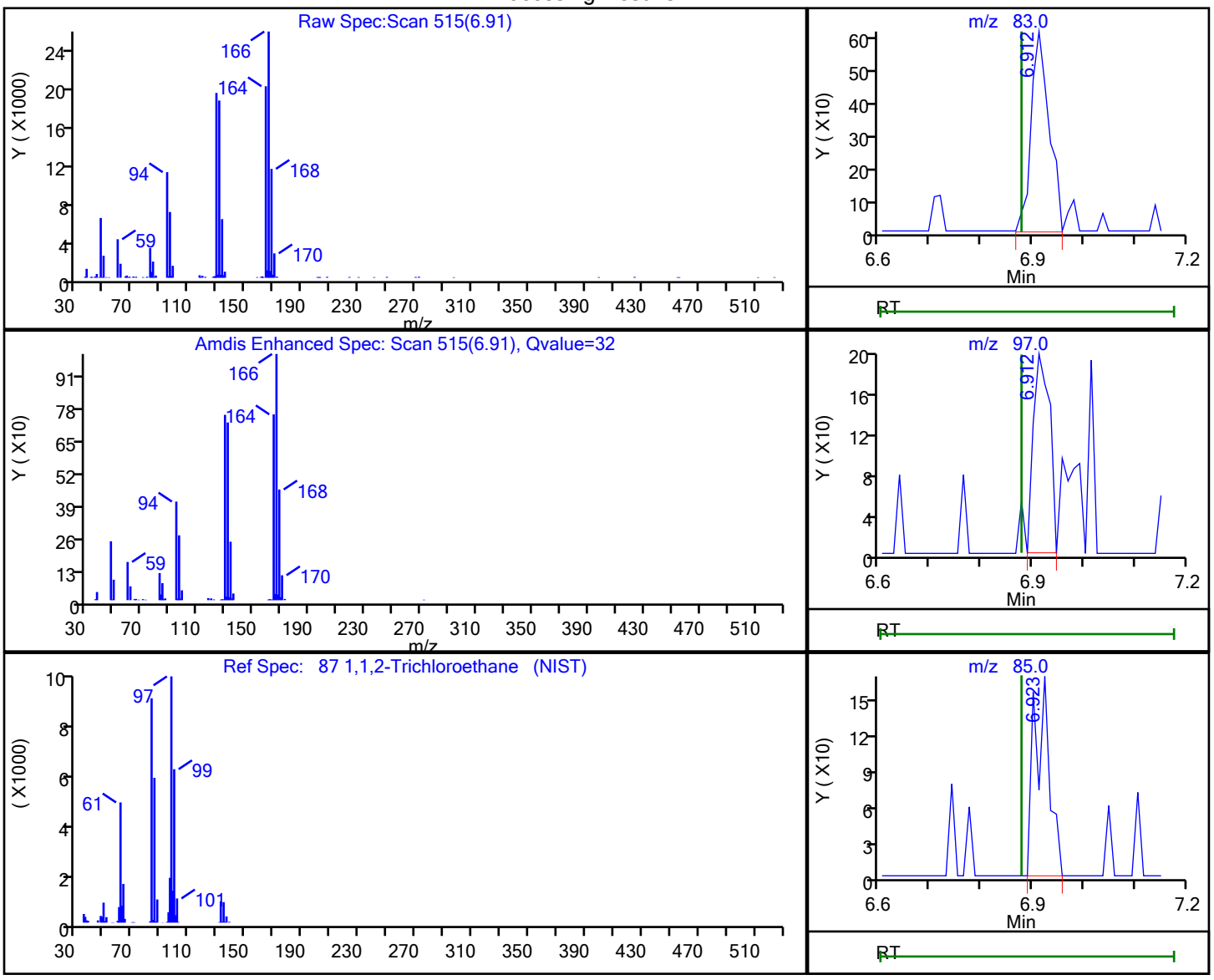
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D				
Injection Date:	14-Aug-2023 13:52:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-4	Lab Sample ID:	460-285954-4		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	1509	0.557221
6.91	97.00	430	
6.92	85.00	338	

Reviewer: HVW2, 14-Aug-2023 20:15:42 -04:00:00 (UTC)

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

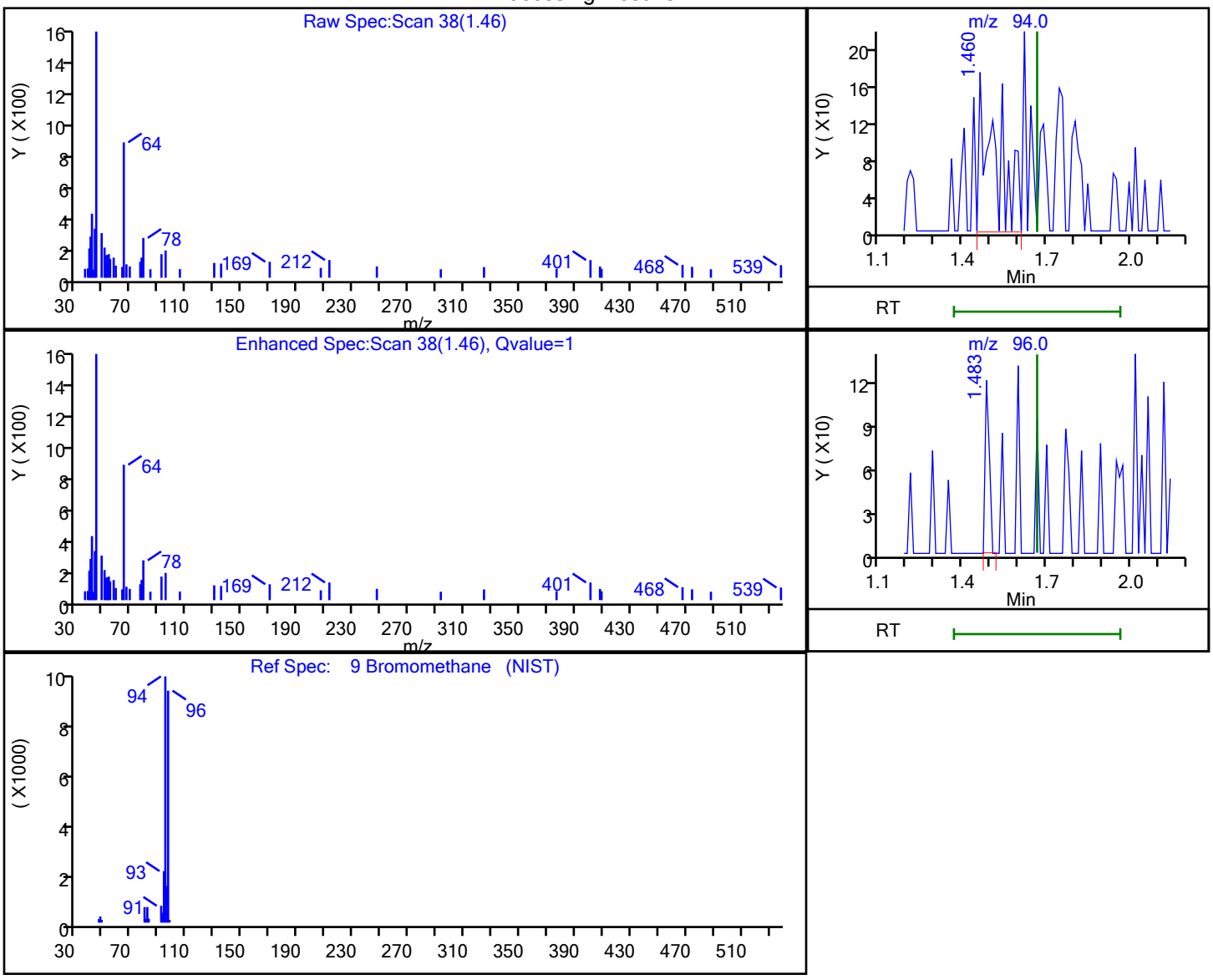
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D				
Injection Date:	14-Aug-2023 13:52:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-4	Lab Sample ID:	460-285954-4		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.46	94.00	705	0.421895
1.48	96.00	125	

Reviewer: HVW2, 14-Aug-2023 20:15:29 -04:00:00 (UTC)

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

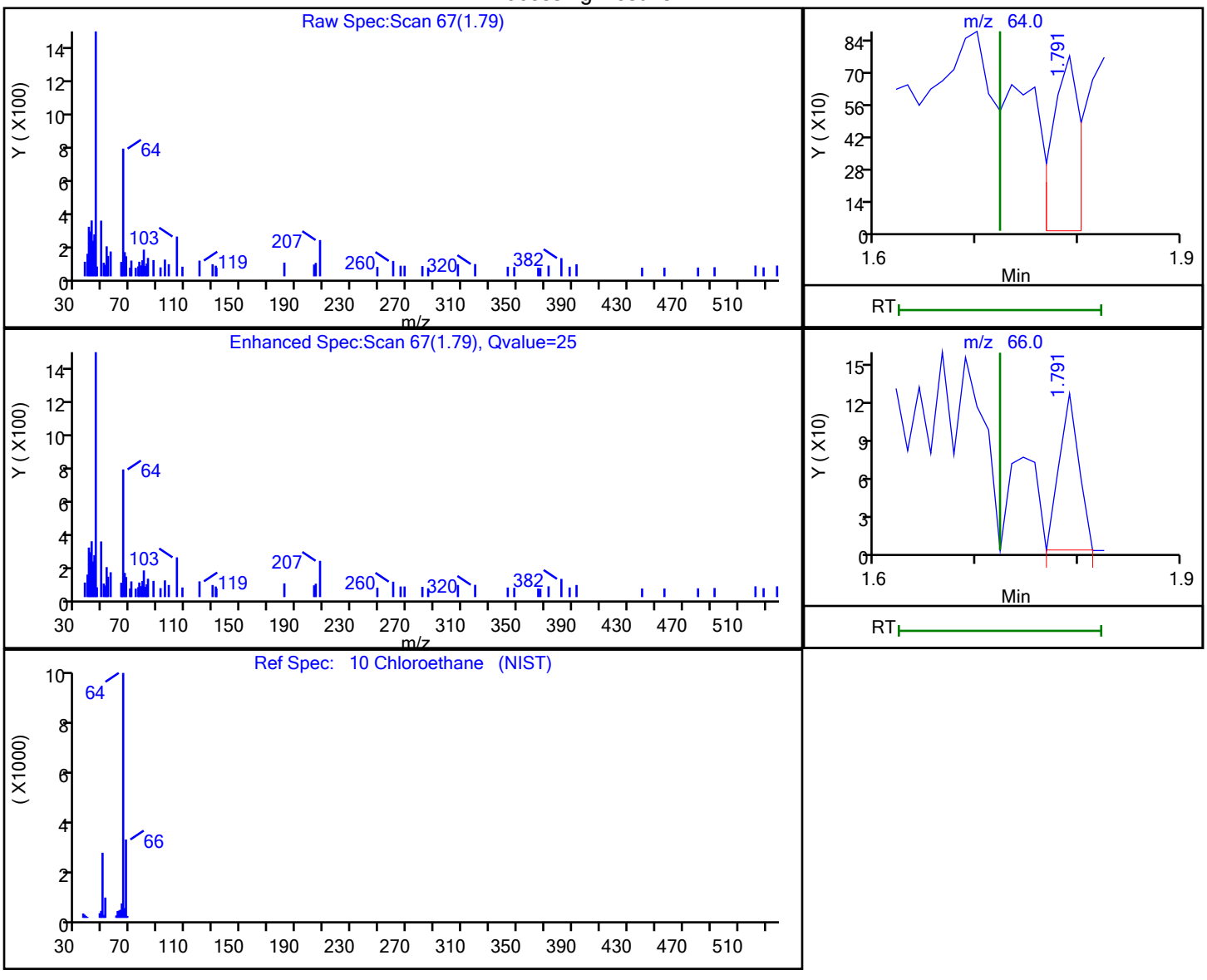
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42047.D				
Injection Date:	14-Aug-2023 13:52:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-4	Lab Sample ID:	460-285954-4		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.79	64.00	1466	0.543632
1.79	66.00	163	

Reviewer: HVW2, 14-Aug-2023 20:15:31 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-285954-5

Matrix: Water | Lab File ID: V42158.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2023 05:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926740 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	400		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.51	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-285954-5

Matrix: Water | Lab File ID: V42158.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/16/2023 05:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926740 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D
Lims ID: 460-285954-C-5
Client ID: A-06
Sample Type: Client
Inject. Date: 16-Aug-2023 05:50:30 ALS Bottle#: 78 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-C-5
Misc. Info.: 460-0164717-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2023 14:20:07 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1687

First Level Reviewer: RD6L Date: 16-Aug-2023 10:11:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.402	1.403	-0.001	97	6500	1.18	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	26716	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	237498	250.0	
51 Chloroform	83	3.723	3.723	0.000	95	1906	0.2644	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	101931	47.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	90	111449	51.9	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	445416	50.0	
69 Trichloroethene	95	4.809	4.809	0.000	93	2482	0.5138	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	90	19296	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	508167	51.4	
88 Tetrachloroethene	166	6.912	6.912	0.000	96	1342482	397.2	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	294526	50.0	
$ 105 4-Bromofluorobenzene	174	9.380	9.380	0.000	0	105816	54.3	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	117728	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 16-Aug-2023 14:20:34 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D

Injection Date: 16-Aug-2023 05:50:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-C-5 Lab Sample ID: 460-285954-5

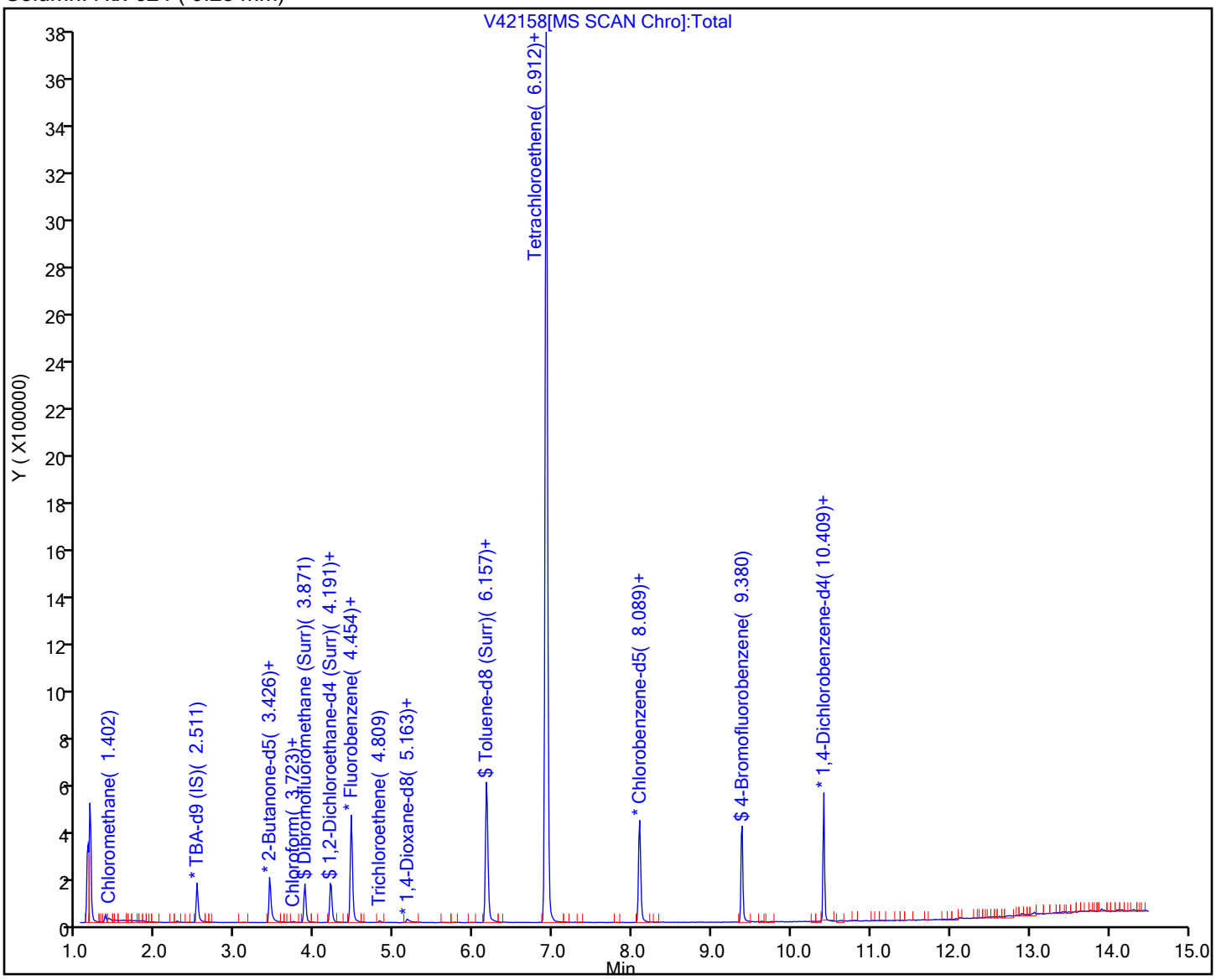
Client ID: A-06

Operator ID: ALS Bottle#: 78 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D
Lims ID: 460-285954-C-5
Client ID: A-06
Sample Type: Client
Inject. Date: 16-Aug-2023 05:50:30 ALS Bottle#: 78 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-C-5
Misc. Info.: 460-0164717-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2023 14:20:07 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1687

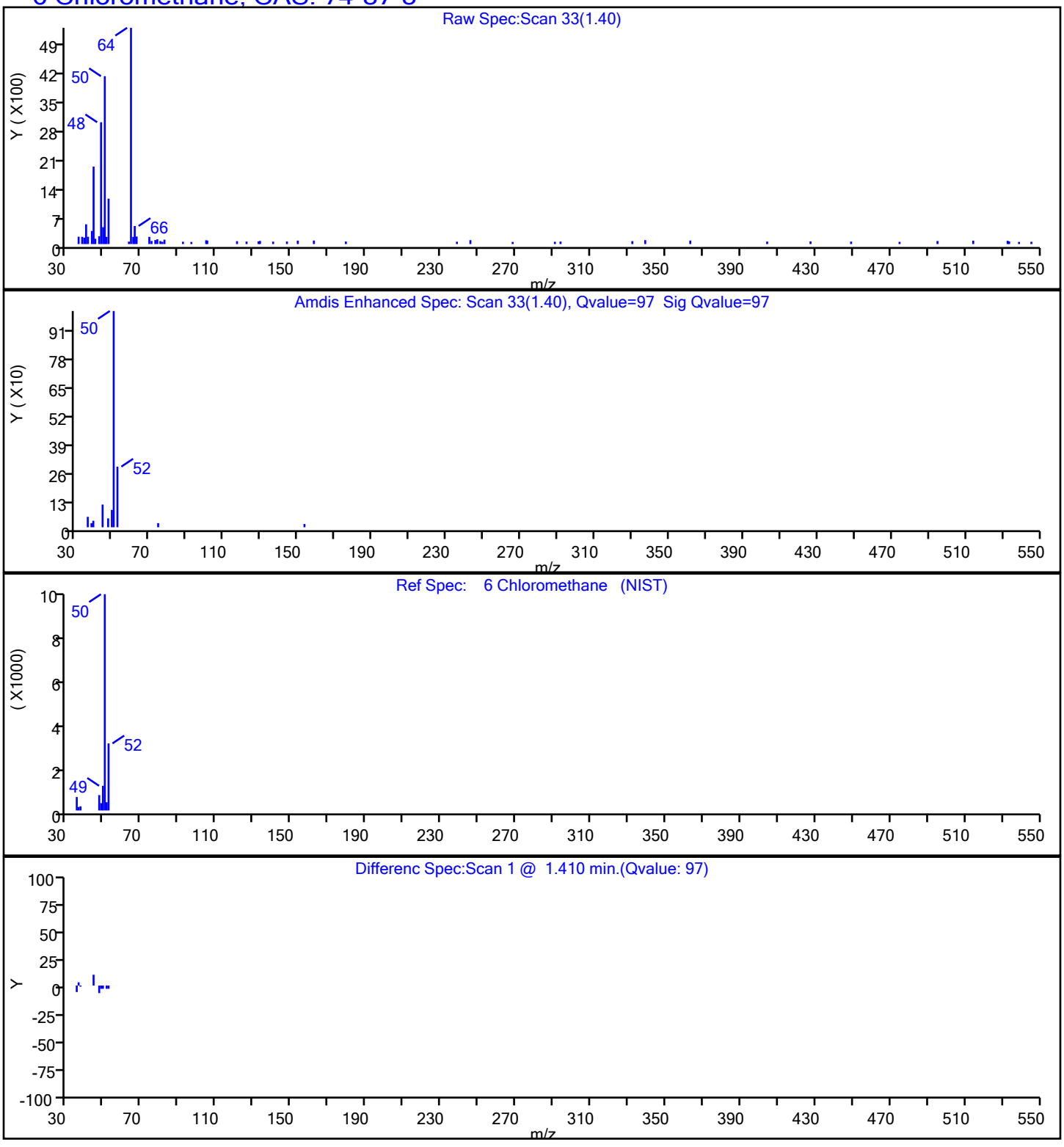
First Level Reviewer: RD6L Date: 16-Aug-2023 10:11:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.1	94.25
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.76
$ 82 Toluene-d8 (Surr)	50.0	51.4	102.72
$ 105 4-Bromofluorobenzene	50.0	54.3	108.53

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D				
Injection Date:	16-Aug-2023 05:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-C-5	Lab Sample ID:	460-285954-5		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

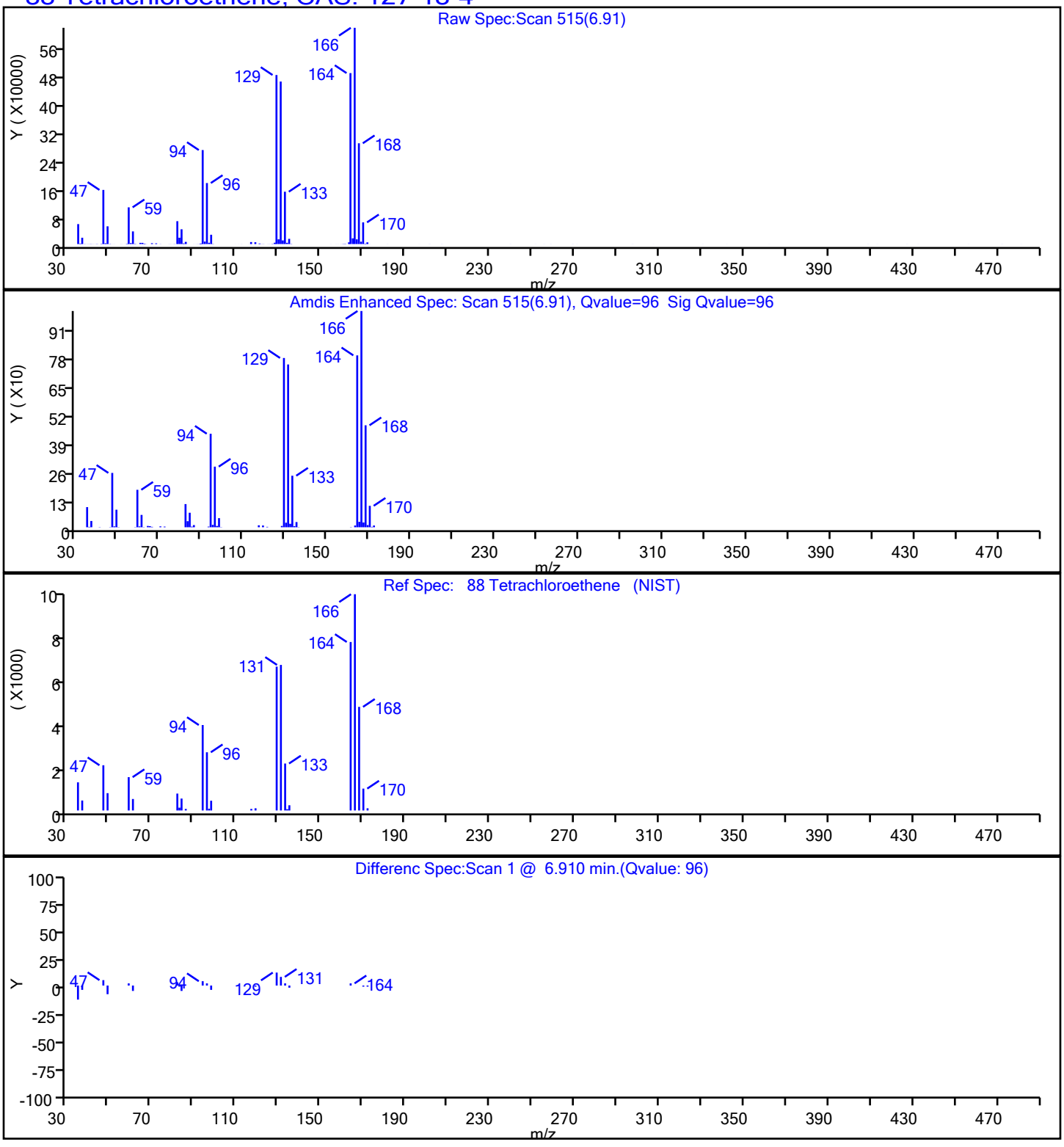
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D		
Injection Date:	16-Aug-2023 05:50:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-C-5	Lab Sample ID:	460-285954-5
Client ID:	A-06		
Operator ID:		ALS Bottle#:	78 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

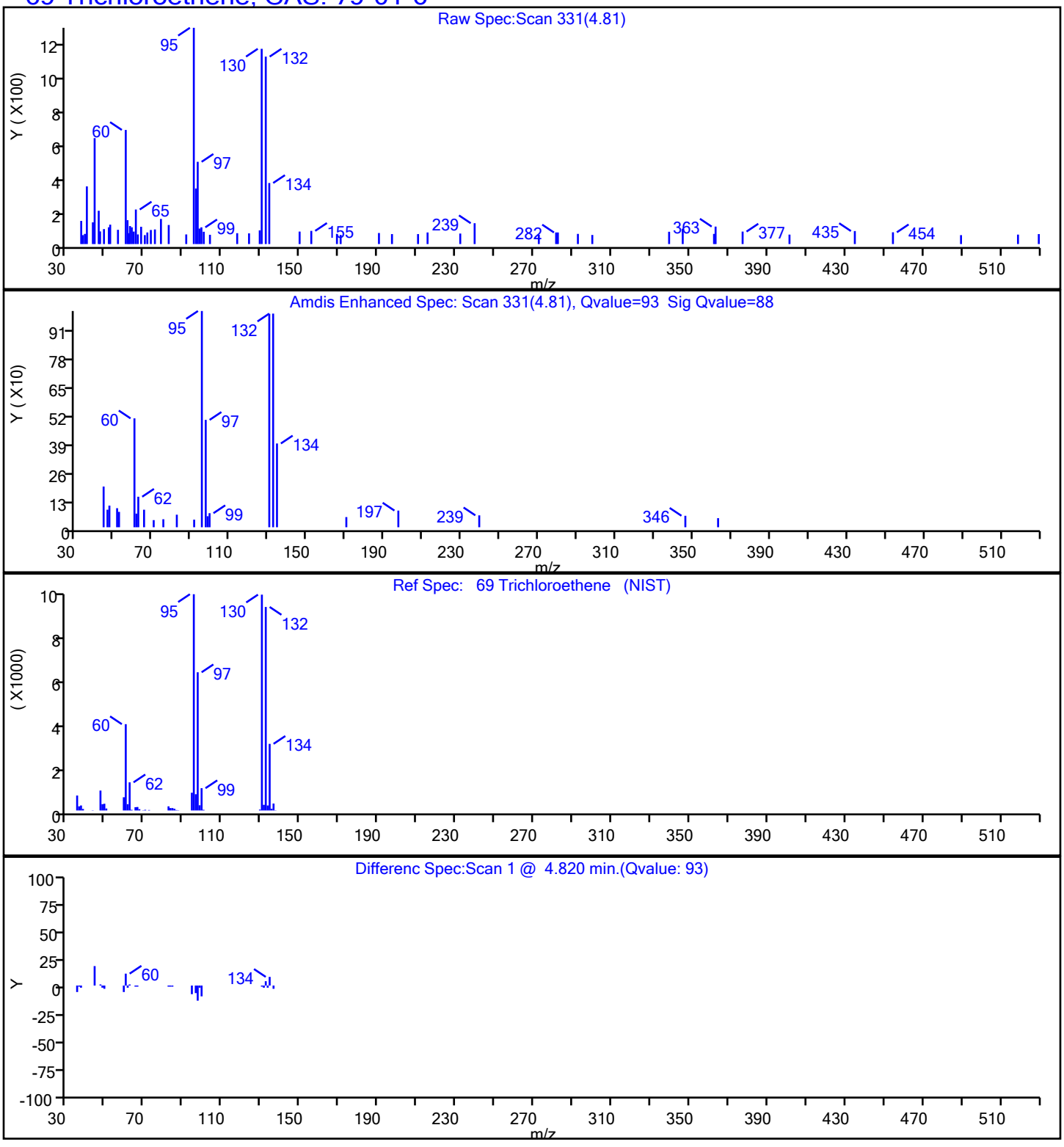
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D				
Injection Date:	16-Aug-2023 05:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-C-5	Lab Sample ID:	460-285954-5		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



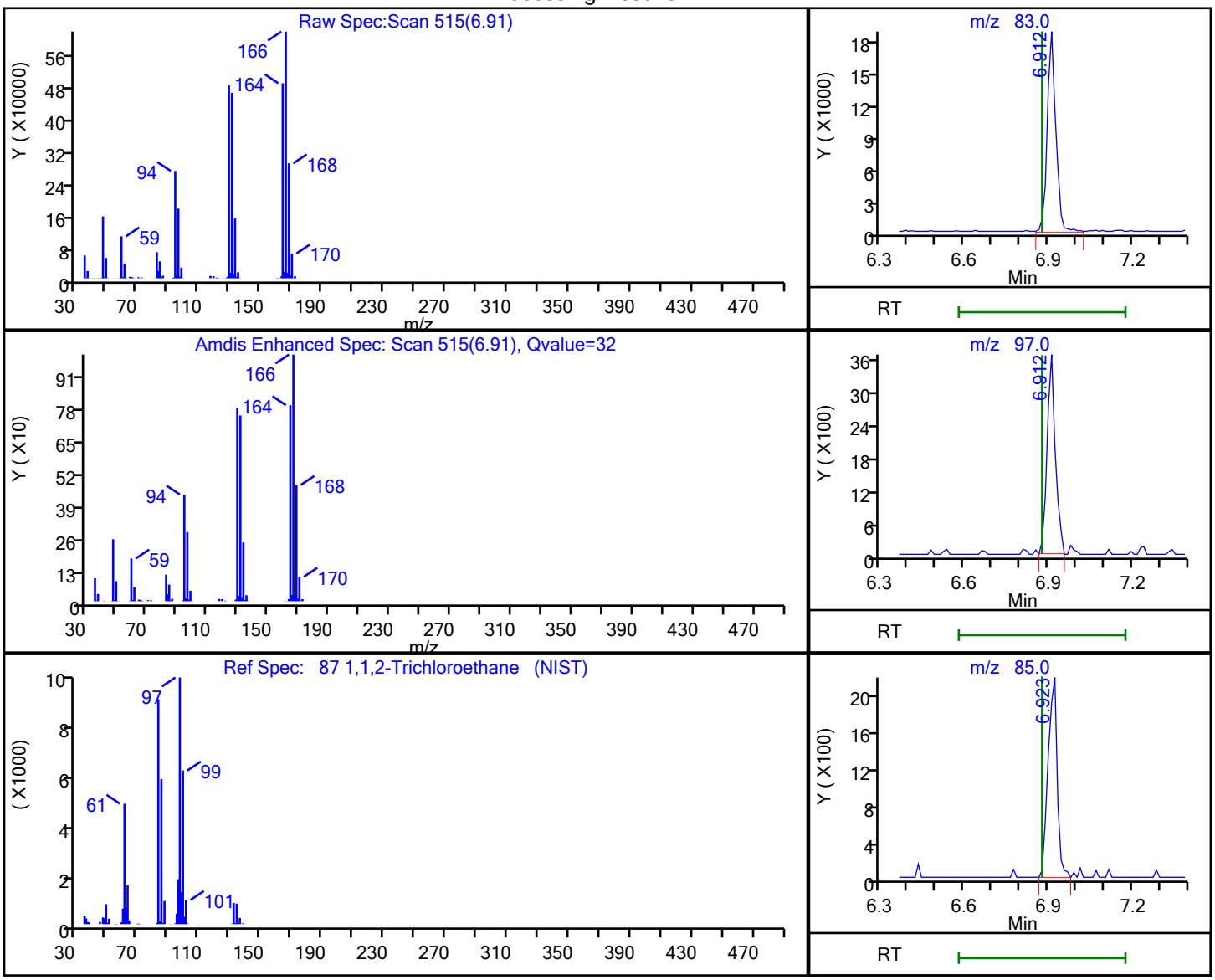
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D				
Injection Date:	16-Aug-2023 05:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-C-5	Lab Sample ID:	460-285954-5		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	38266	11.686194
6.91	97.00	7543	
6.92	85.00	4813	

Reviewer: RD6L, 16-Aug-2023 10:11:41 -04:00:00 (UTC)

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

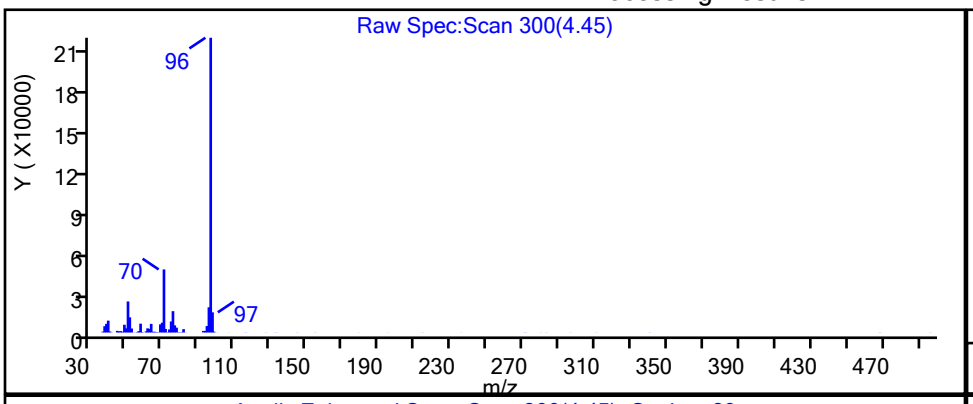
User Disabled Compound Report

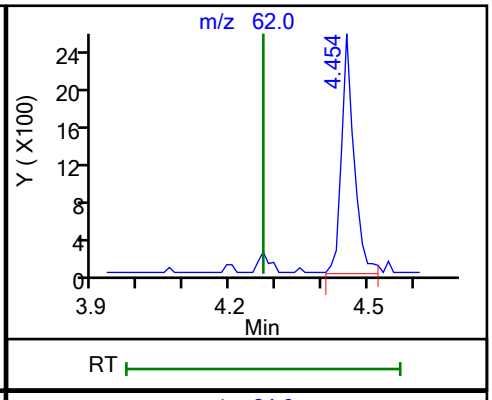
Eurofins Edison

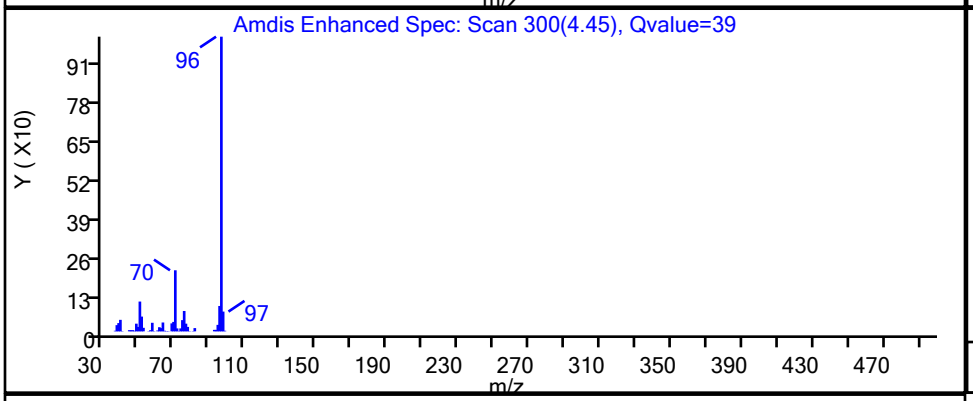
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42158.D				
Injection Date:	16-Aug-2023 05:50:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-C-5	Lab Sample ID:	460-285954-5		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	78	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

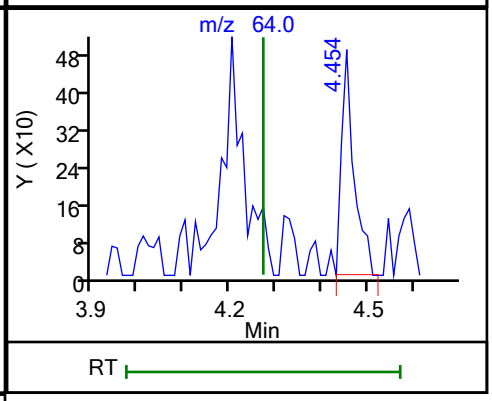
63 1,2-Dichloroethane, CAS: 107-06-2

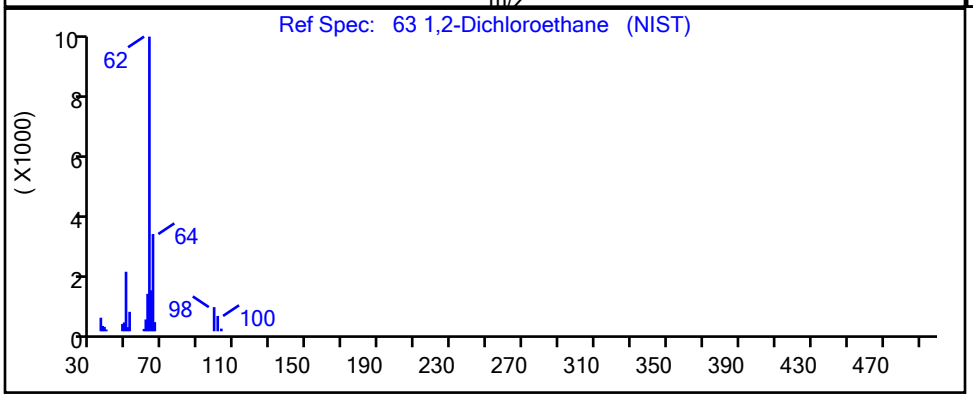
Processing Results











RT	Mass	Response	Amount
4.45	62.00	4895	1.031960
4.45	64.00	929	

Reviewer: RD6L, 16-Aug-2023 10:11:33 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-285954-6

Matrix: Water | Lab File ID: V42083.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:47

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	390		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.62	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-285954-6

Matrix: Water | Lab File ID: V42083.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:47

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D
Lims ID: 460-285954-B-6
Client ID: A-066
Sample Type: Client
Inject. Date: 15-Aug-2023 03:09:30 ALS Bottle#: 71 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-B-6
Misc. Info.: 460-0164661-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:47:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:47:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.414	1.403	0.011	98	5086	1.10	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	23944	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	226198	250.0	
51 Chloroform	83	3.734	3.723	0.011	74	1619	0.2666	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	96	82203	45.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	89750	49.6	
* 67 Fluorobenzene	96	4.455	4.454	0.000	99	375209	50.0	
69 Trichloroethene	95	4.809	4.809	0.000	89	2531	0.6220	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	90	16095	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.158	6.157	0.001	100	397637	46.6	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	1124701	386.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	86	253831	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	86263	51.3	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	104581	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 15-Aug-2023 09:47:19 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D

Injection Date: 15-Aug-2023 03:09:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-B-6 Lab Sample ID: 460-285954-6

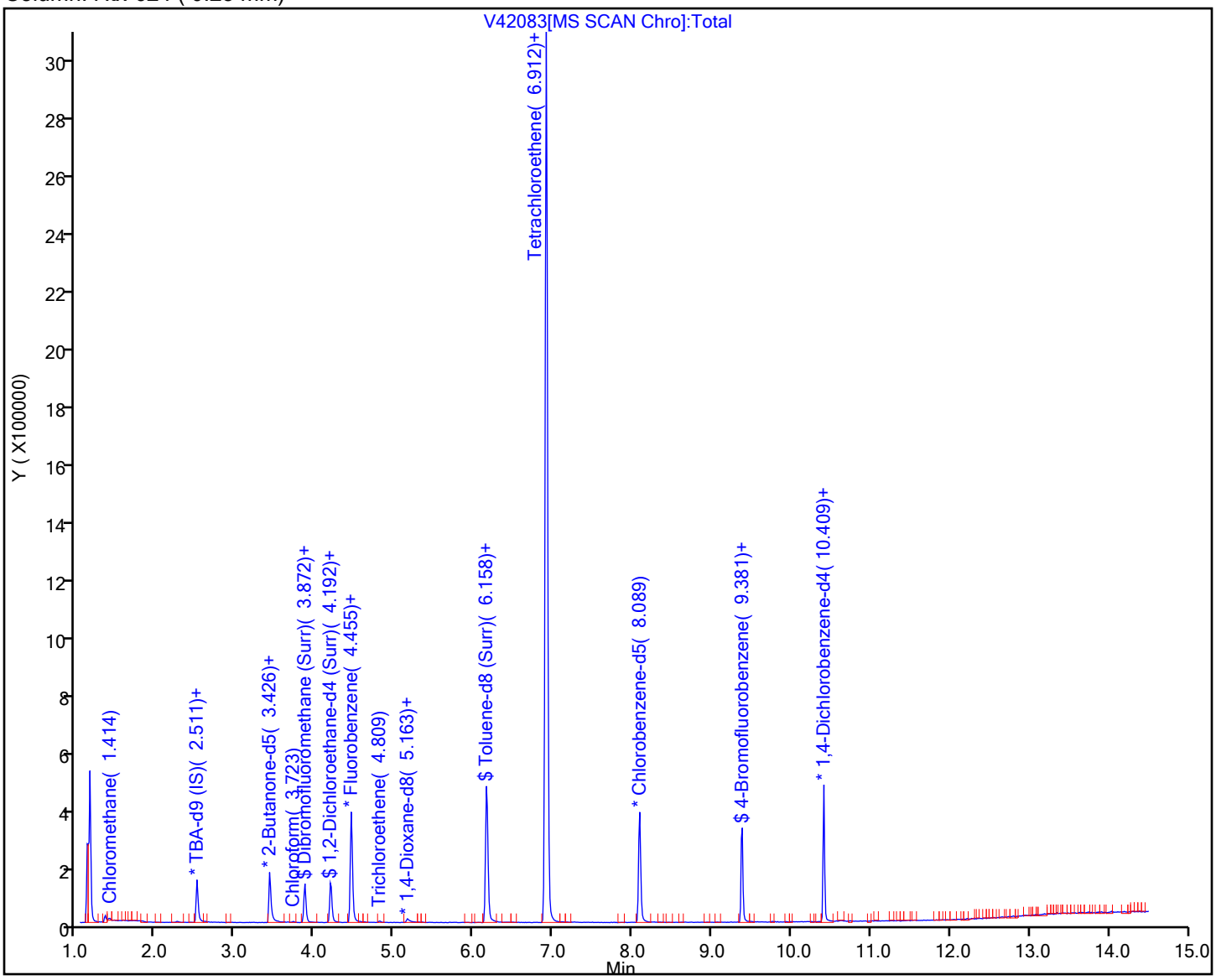
Client ID: A-066

Operator ID: ALS Bottle#: 71 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D
Lims ID: 460-285954-B-6
Client ID: A-066
Sample Type: Client
Inject. Date: 15-Aug-2023 03:09:30 ALS Bottle#: 71 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-B-6
Misc. Info.: 460-0164661-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:47:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:47:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	45.1	90.23
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.20
$ 82 Toluene-d8 (Surr)	50.0	46.6	93.27
$ 105 4-Bromofluorobenzene	50.0	51.3	102.66

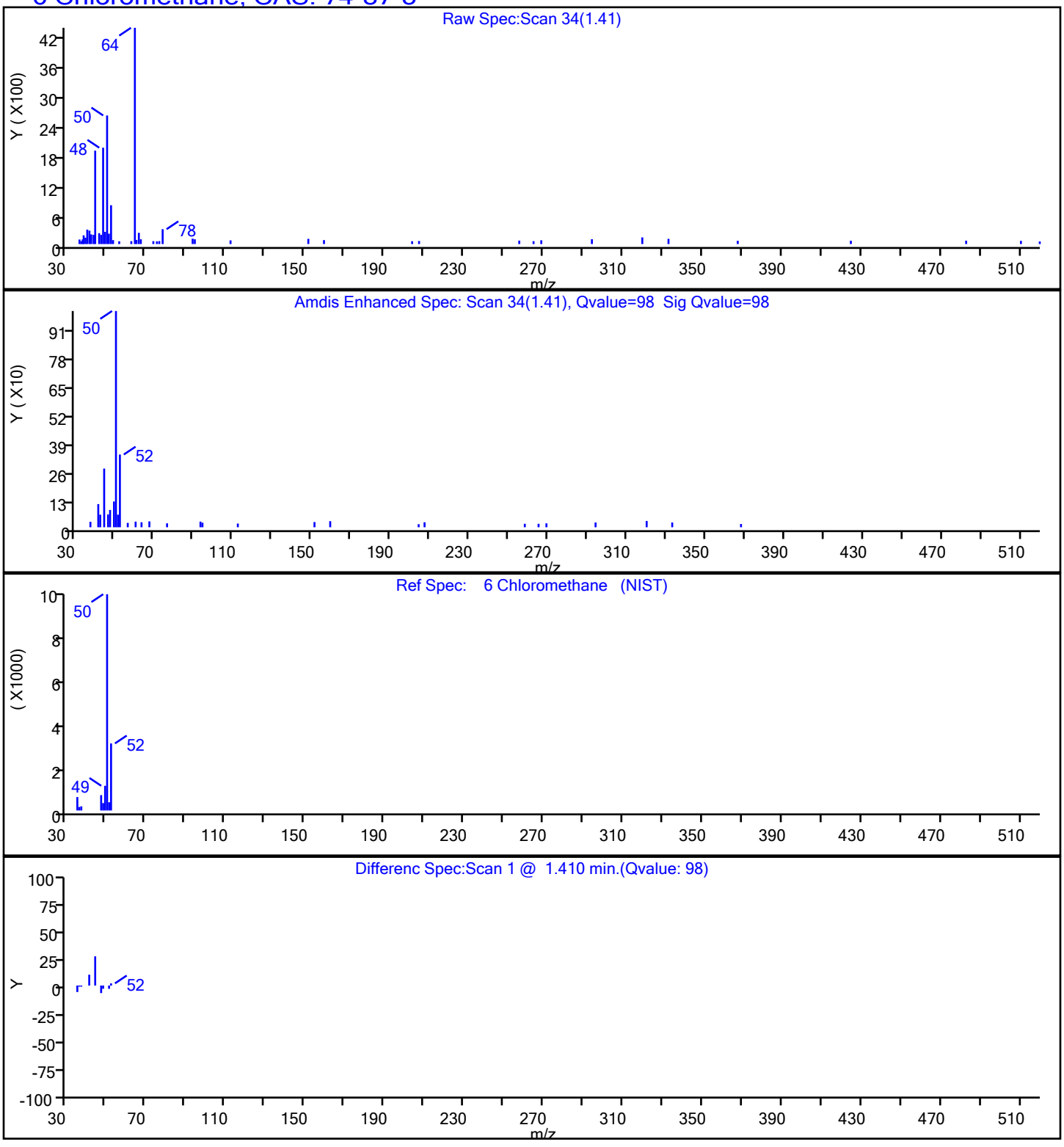
Report Date: 15-Aug-2023 09:47:19 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D

Injection Date:	15-Aug-2023 03:09:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-B-6	Lab Sample ID:	460-285954-6		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3

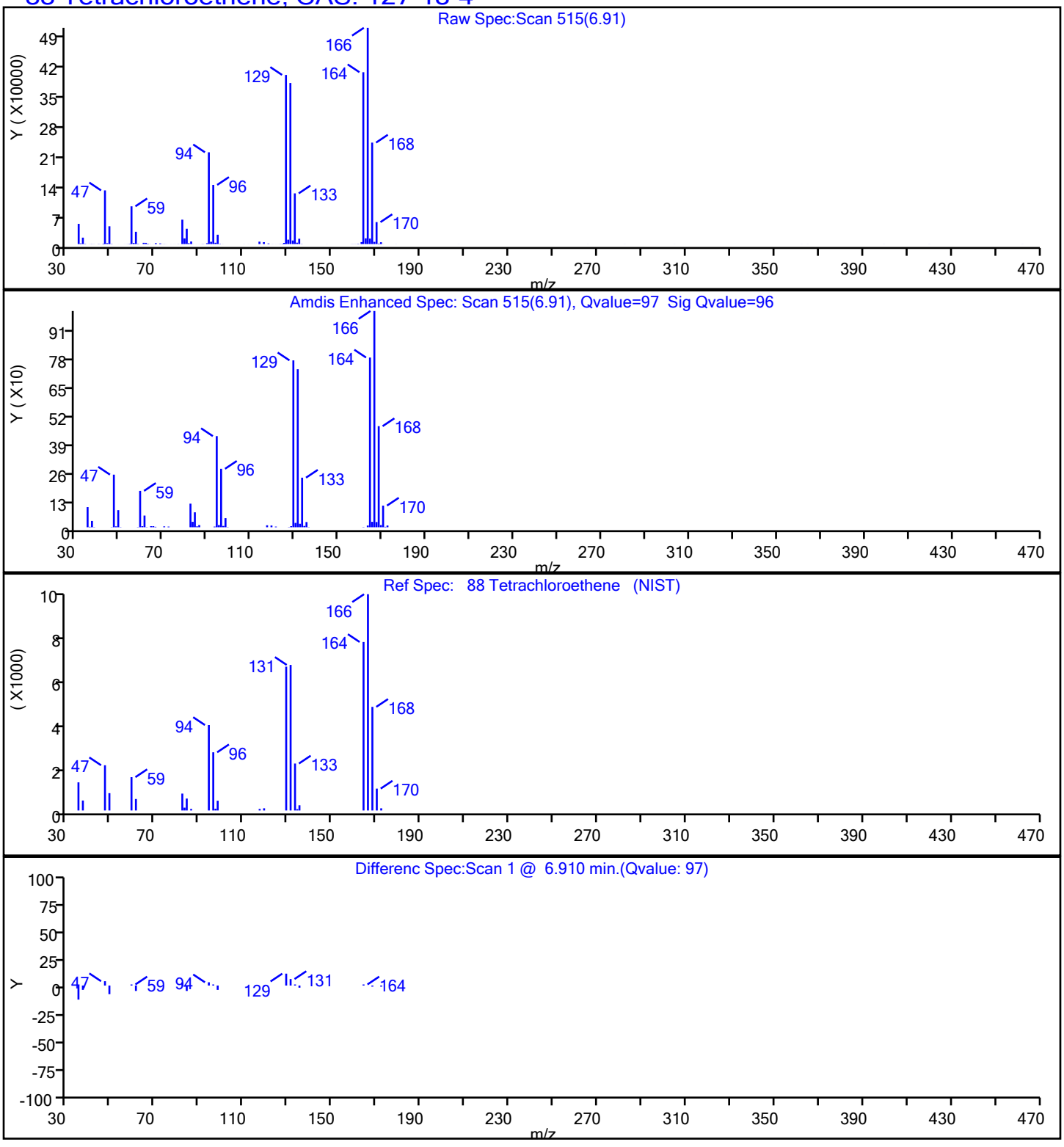


8/17/2023 3:03 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D
Injection Date: 15-Aug-2023 03:09:30 Instrument ID: CVOAMS7
Lims ID: 460-285954-B-6 Lab Sample ID: 460-285954-6
Client ID: A-066
Operator ID: ALS Bottle#: 71 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

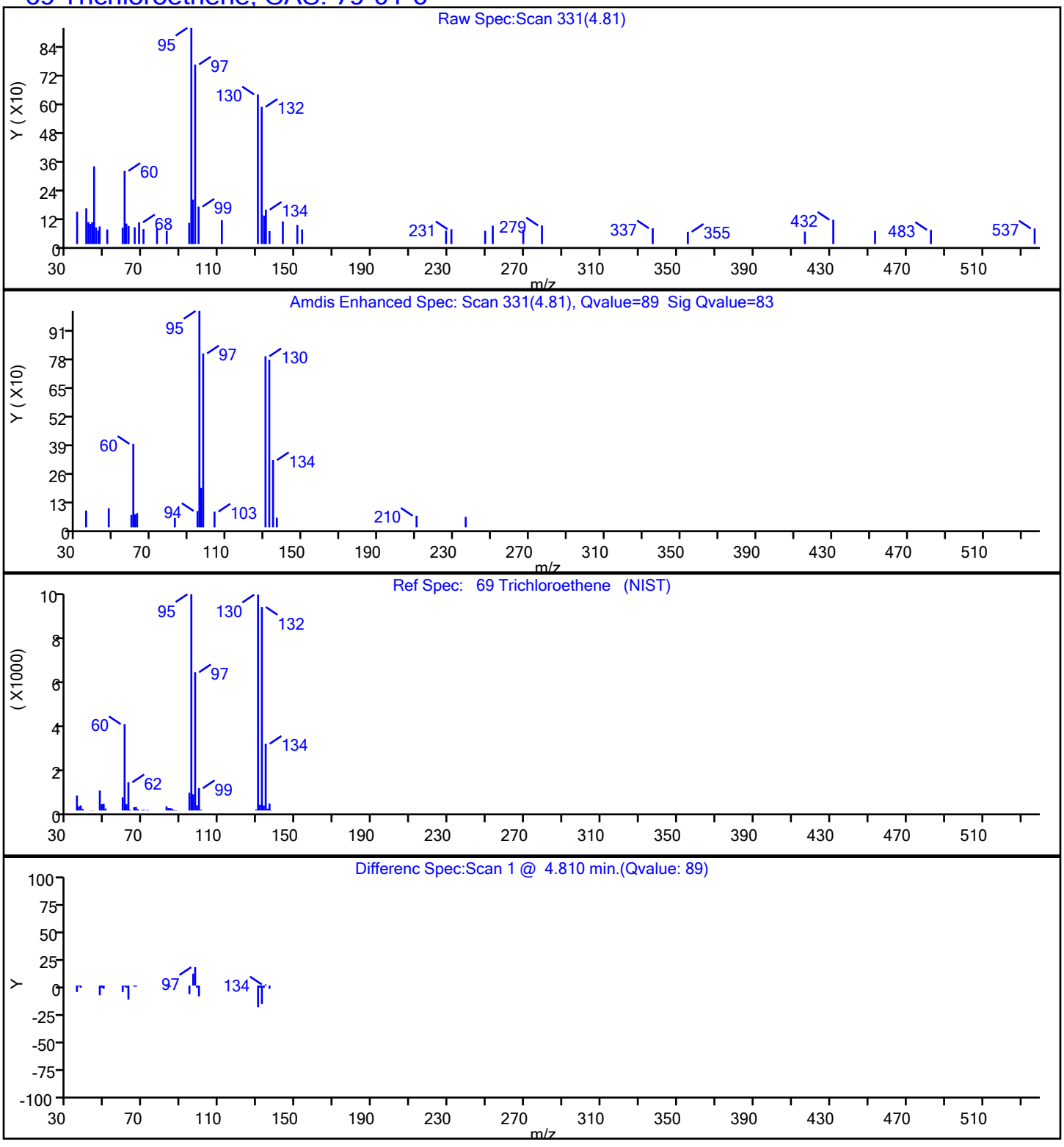
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D		
Injection Date:	15-Aug-2023 03:09:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-B-6	Lab Sample ID:	460-285954-6
Client ID:	A-066		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



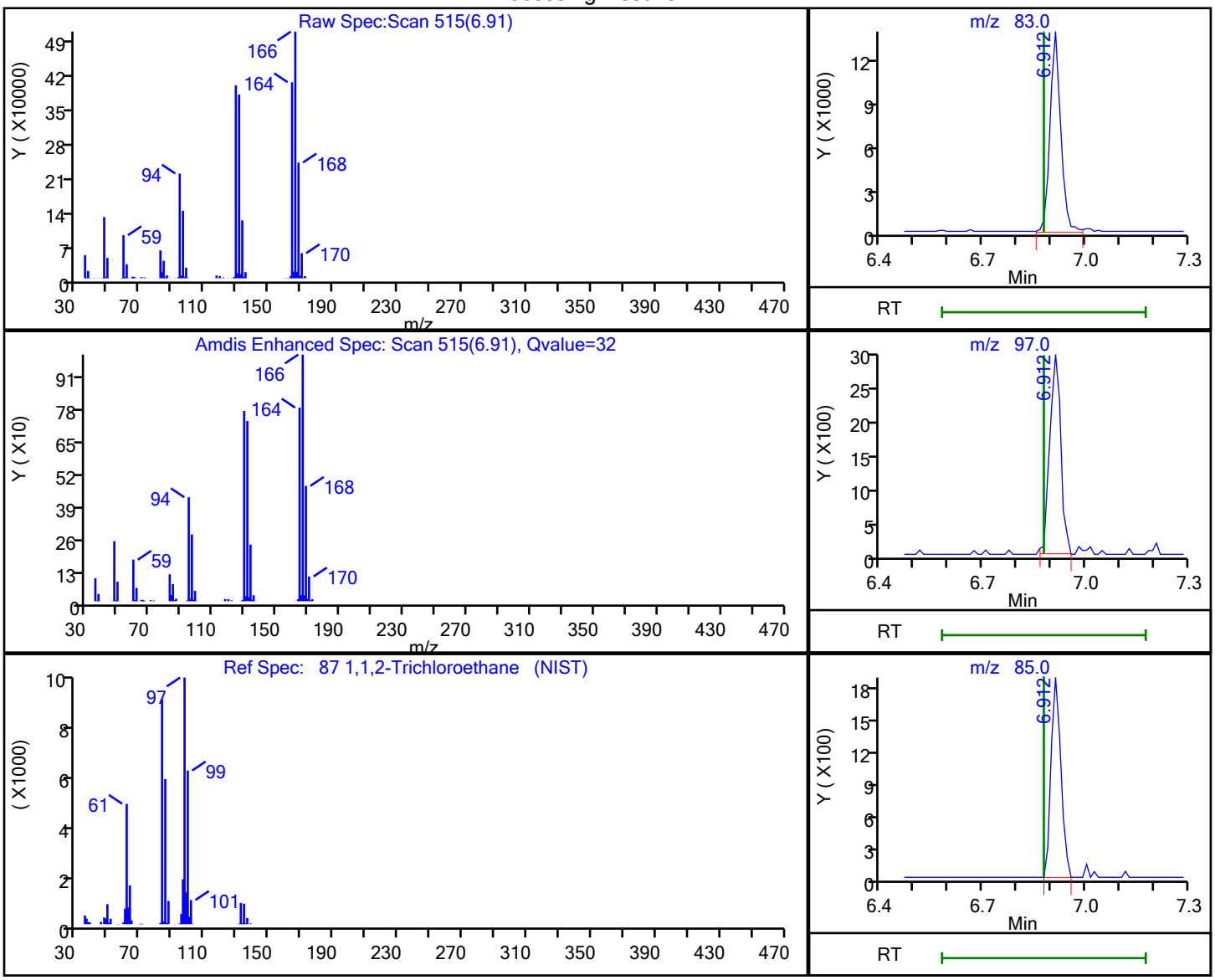
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D				
Injection Date:	15-Aug-2023 03:09:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-B-6	Lab Sample ID:	460-285954-6		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	28561	10.120743
6.91	97.00	6738	
6.91	85.00	3706	

Reviewer: K0HS, 15-Aug-2023 09:47:10 -04:00:00 (UTC)

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

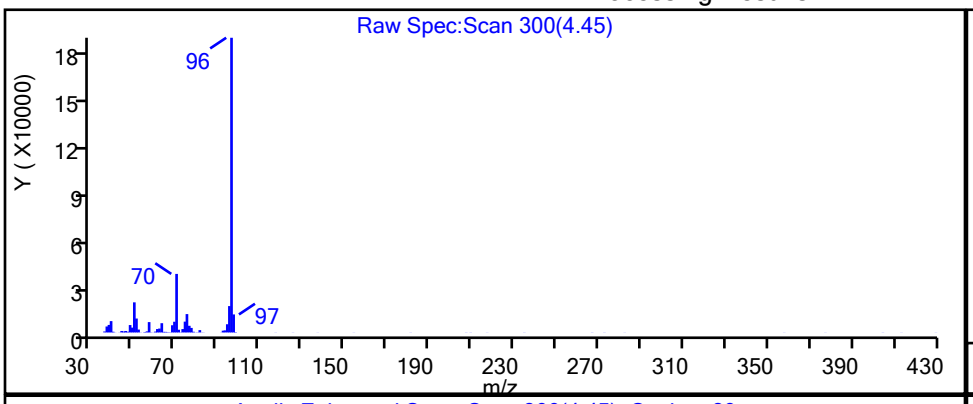
User Disabled Compound Report

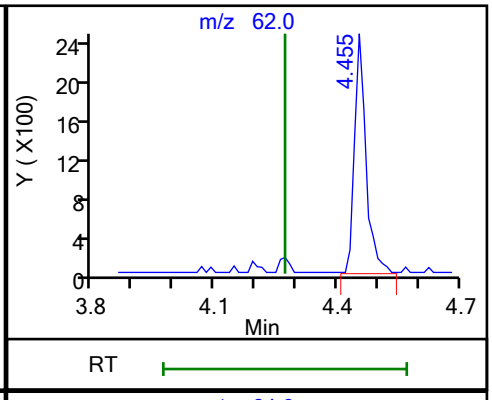
Eurofins Edison

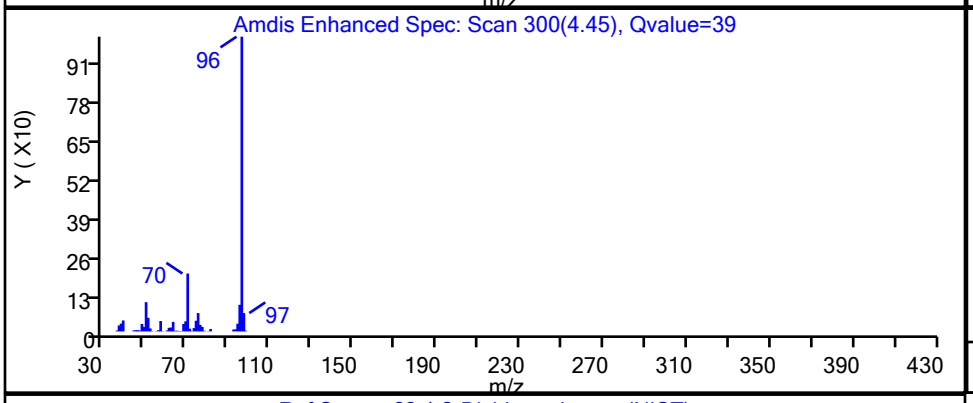
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42083.D				
Injection Date:	15-Aug-2023 03:09:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-B-6	Lab Sample ID:	460-285954-6		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

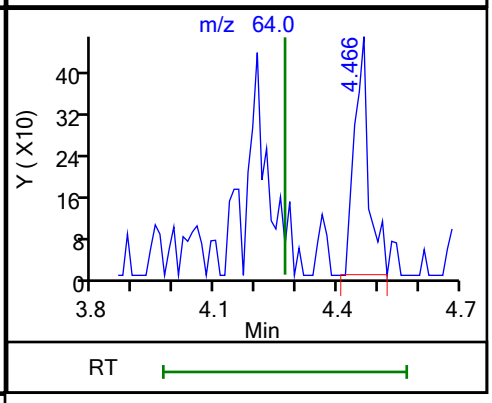
63 1,2-Dichloroethane, CAS: 107-06-2

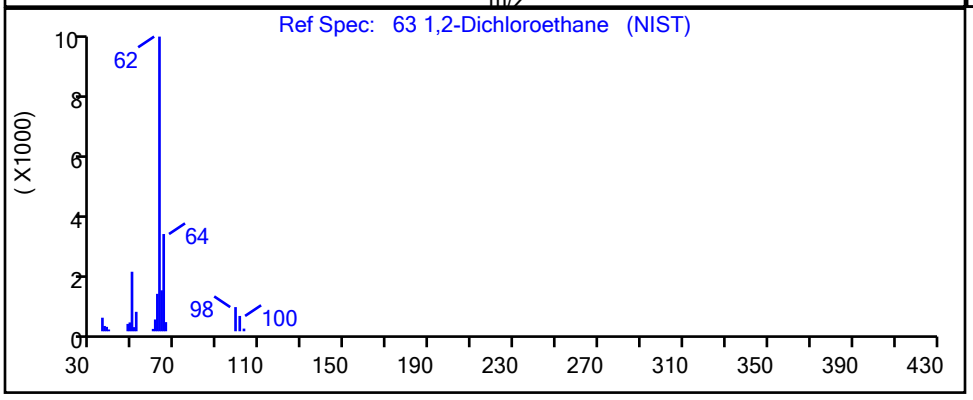
Processing Results











RT	Mass	Response	Amount
4.45	62.00	4743	1.187014
4.47	64.00	1134	

Reviewer: K0HS, 15-Aug-2023 09:46:53 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-285954-7

Matrix: Water | Lab File ID: V42057.D

Analysis Method: 8260D | Date Collected: 08/09/2023 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 17:26

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U *	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	780		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	1.4	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-285954-7

Matrix: Water | Lab File ID: V42057.D

Analysis Method: 8260D | Date Collected: 08/09/2023 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 17:26

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D
Lims ID: 460-285954-A-7
Client ID: A-08
Sample Type: Client
Inject. Date: 14-Aug-2023 17:26:30 ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-285954-A-7
Misc. Info.: 460-0164631-030
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:21:01 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:21:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	23011	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	207120	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	82378	48.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	94	90373	54.0	
* 67 Fluorobenzene	96	4.454	4.454	0.000	98	347316	50.0	
69 Trichloroethene	95	4.809	4.809	0.000	91	2578	0.6845	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	89	18312	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	401122	51.5	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	1044646	392.4	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	232003	50.0	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	86057	56.0	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	96978	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:21:01 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D

Injection Date: 14-Aug-2023 17:26:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-7 Lab Sample ID: 460-285954-7

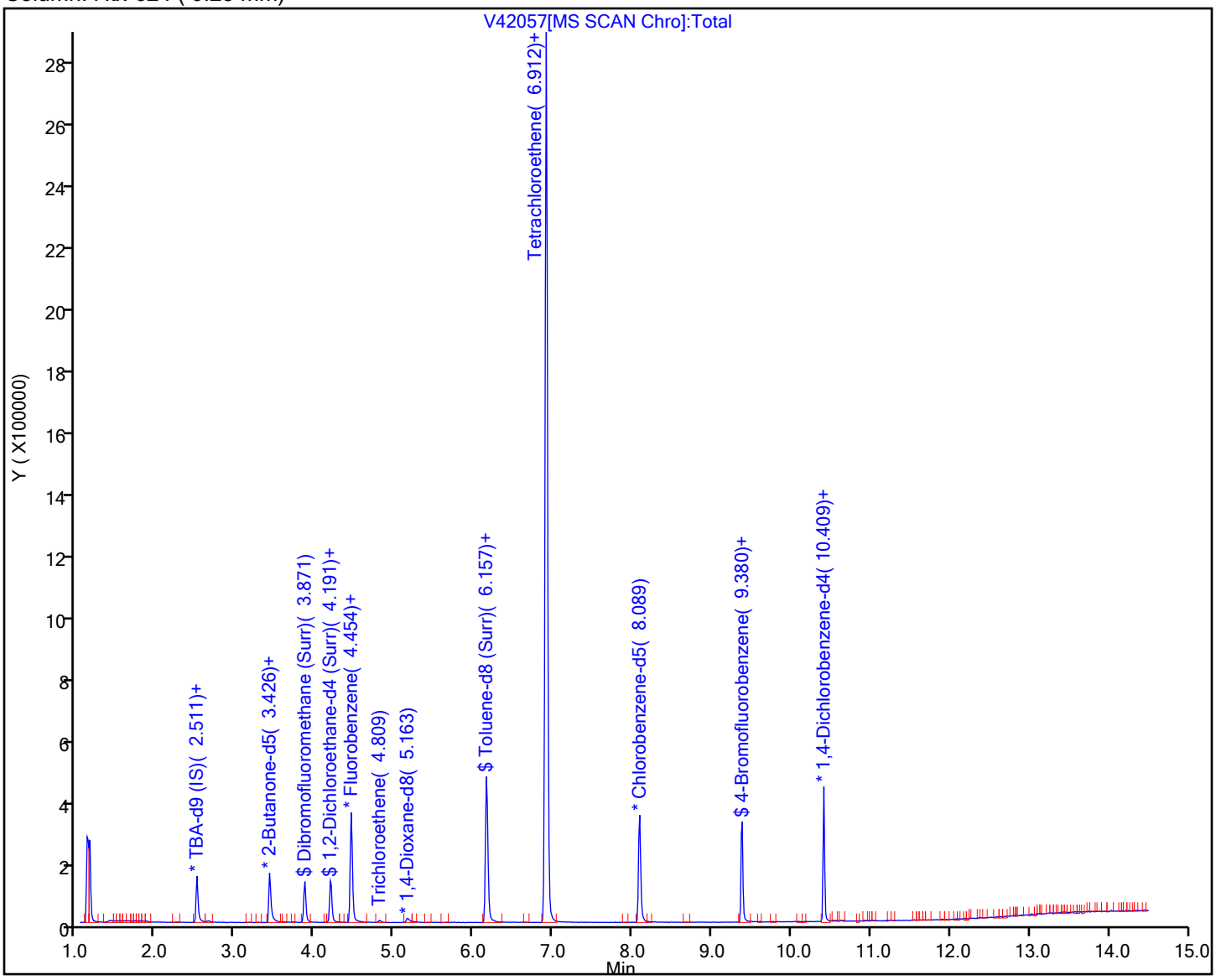
Client ID: A-08

Operator ID: ALS Bottle#: 79 Worklist Smp#: 30

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D
Lims ID: 460-285954-A-7
Client ID: A-08
Sample Type: Client
Inject. Date: 14-Aug-2023 17:26:30 ALS Bottle#: 79 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-285954-A-7
Misc. Info.: 460-0164631-030
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:21:01 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

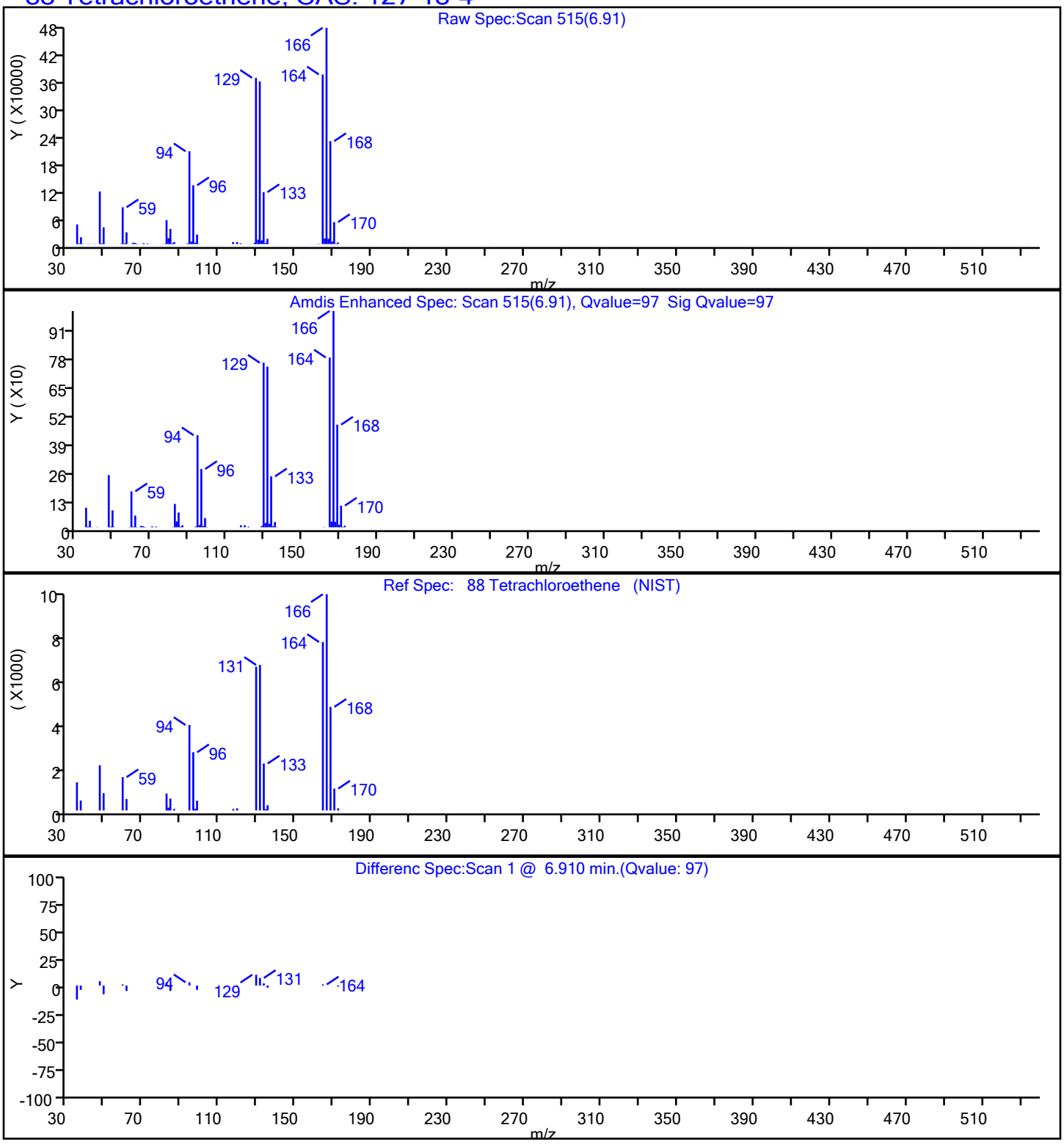
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:21:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.8	97.68
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	54.0	107.91
$ 82 Toluene-d8 (Surr)	50.0	51.5	102.93
$ 105 4-Bromofluorobenzene	50.0	56.0	112.05

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D		
Injection Date:	14-Aug-2023 17:26:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-7	Lab Sample ID:	460-285954-7
Client ID:	A-08		
Operator ID:		ALS Bottle#:	79 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



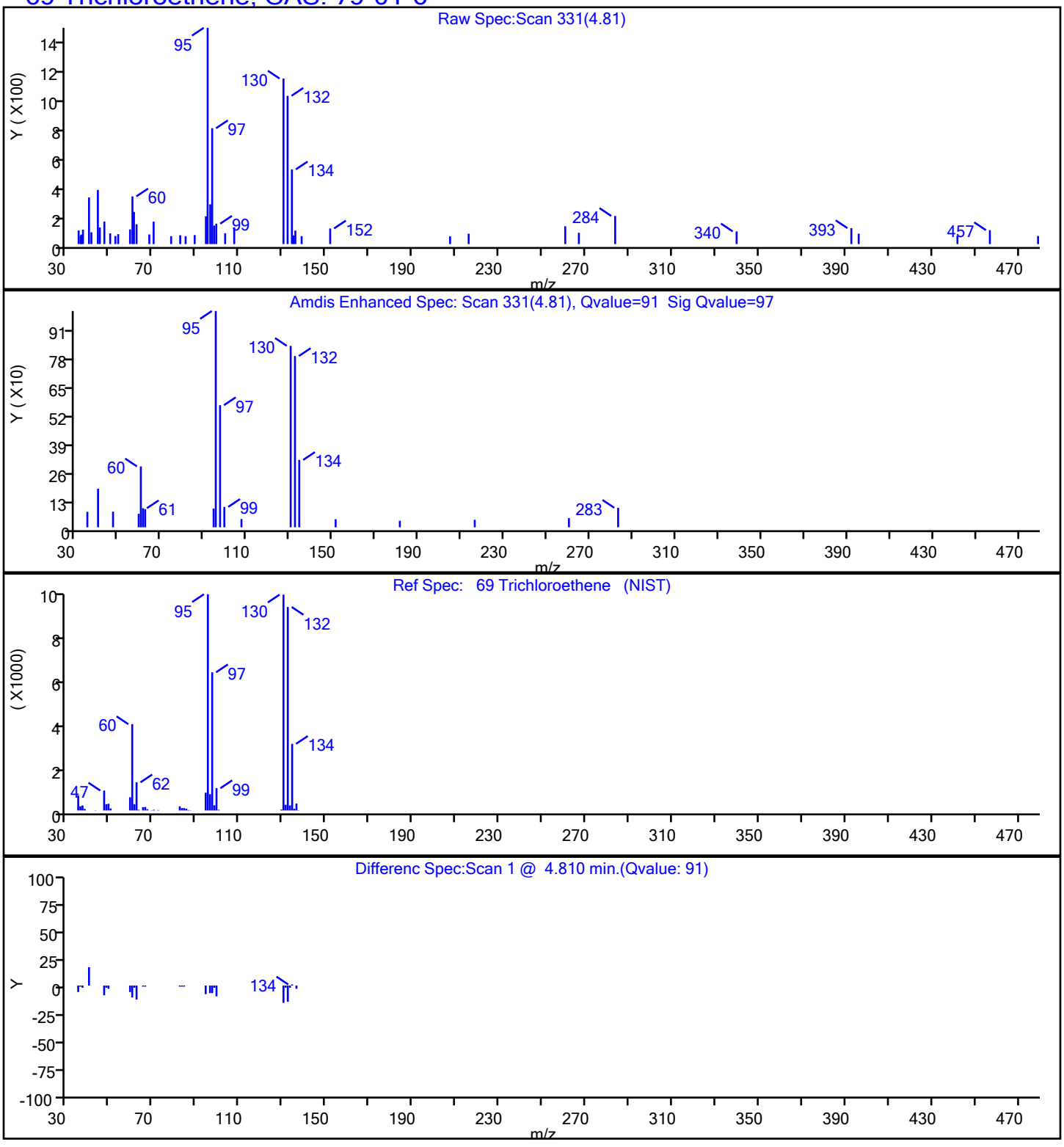
Report Date: 14-Aug-2023 20:21:02 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D

Injection Date:	14-Aug-2023 17:26:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-7	Lab Sample ID:	460-285954-7		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



8/17/2023 3:03 PM

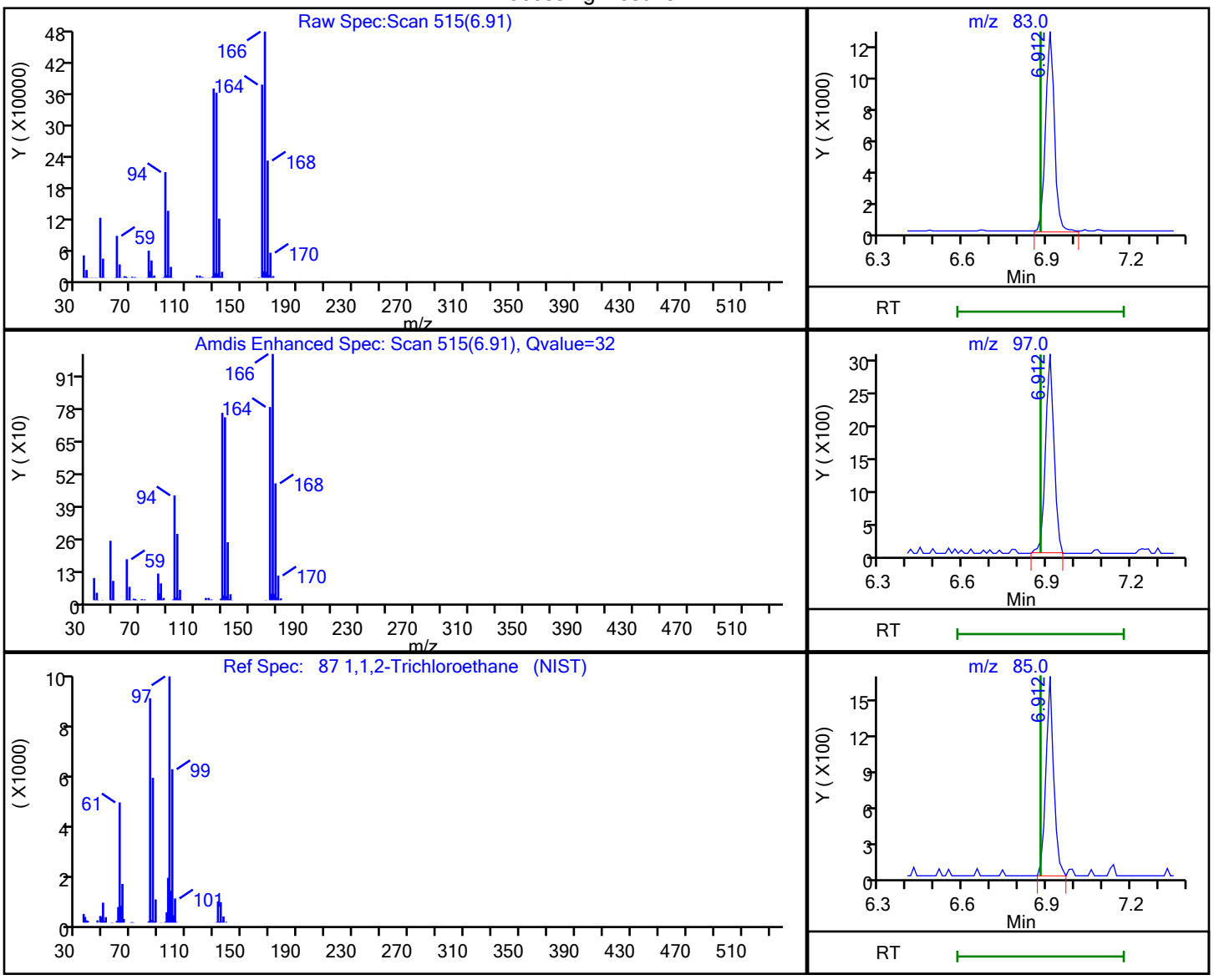
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D				
Injection Date:	14-Aug-2023 17:26:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-7	Lab Sample ID:	460-285954-7		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	27904	10.818238
6.91	97.00	6502	
6.91	85.00	3274	

Reviewer: HVW2, 14-Aug-2023 20:20:57 -04:00:00 (UTC)

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

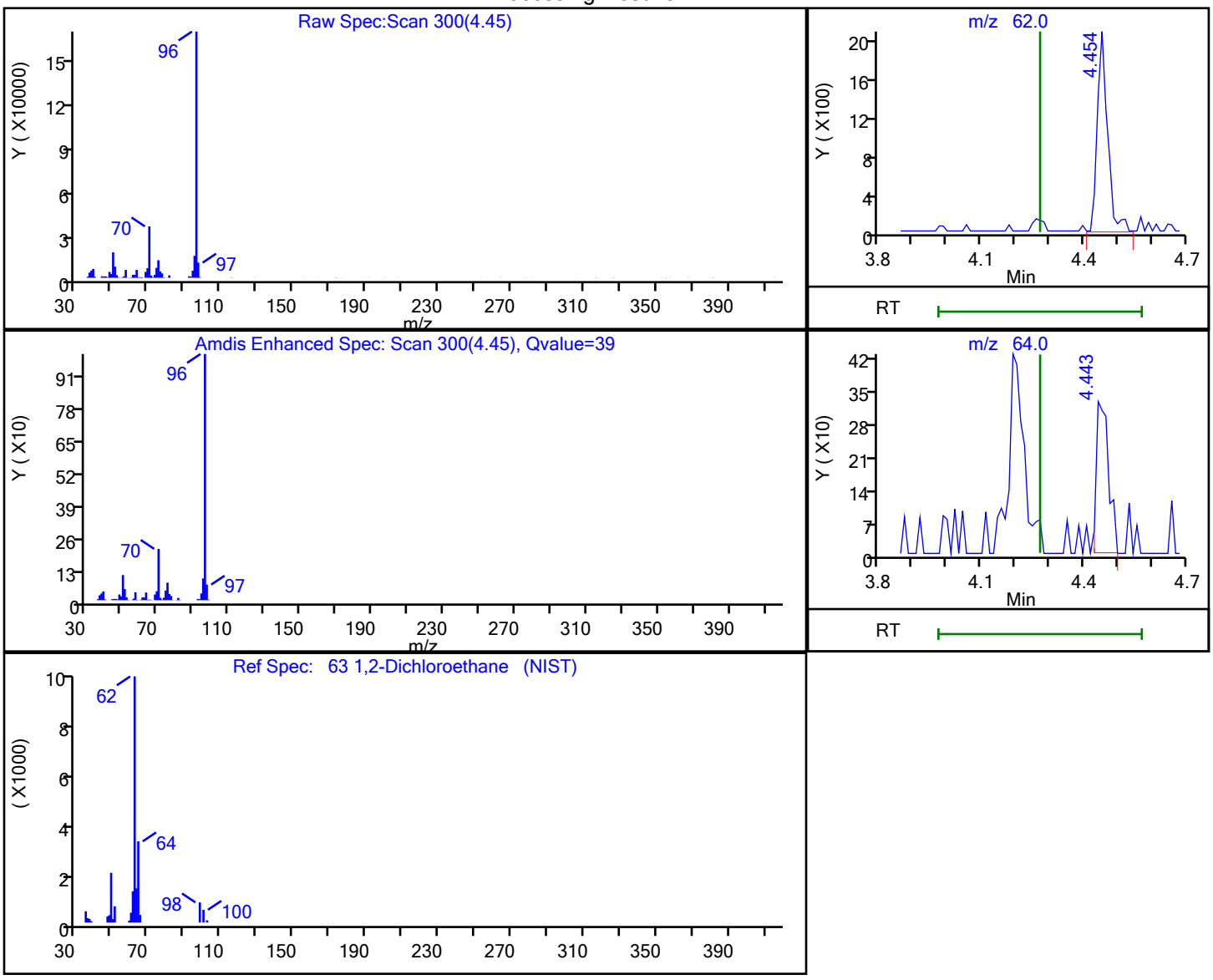
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42057.D				
Injection Date:	14-Aug-2023 17:26:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-7	Lab Sample ID:	460-285954-7		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.45	62.00	4260	1.151757
4.44	64.00	822	

Reviewer: HVW2, 14-Aug-2023 20:20:53 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-285954-8

Matrix: Water | Lab File ID: V42051.D

Analysis Method: 8260D | Date Collected: 08/09/2023 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 15:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	51		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-285954-8

Matrix: Water | Lab File ID: V42051.D

Analysis Method: 8260D | Date Collected: 08/09/2023 11:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 15:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D
Lims ID: 460-285954-A-8
Client ID: A-07
Sample Type: Client
Inject. Date: 14-Aug-2023 15:18:30 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-8
Misc. Info.: 460-0164631-024
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:18:26 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:18:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	21987	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	193909	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	96	76299	47.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	90	84690	53.0	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	331442	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	17384	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.158	6.157	0.001	99	368579	49.5	
88 Tetrachloroethene	166	6.912	6.912	0.000	96	128914	50.7	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	221760	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	78553	53.5	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	92799	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:18:26 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D

Injection Date: 14-Aug-2023 15:18:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-8 Lab Sample ID: 460-285954-8

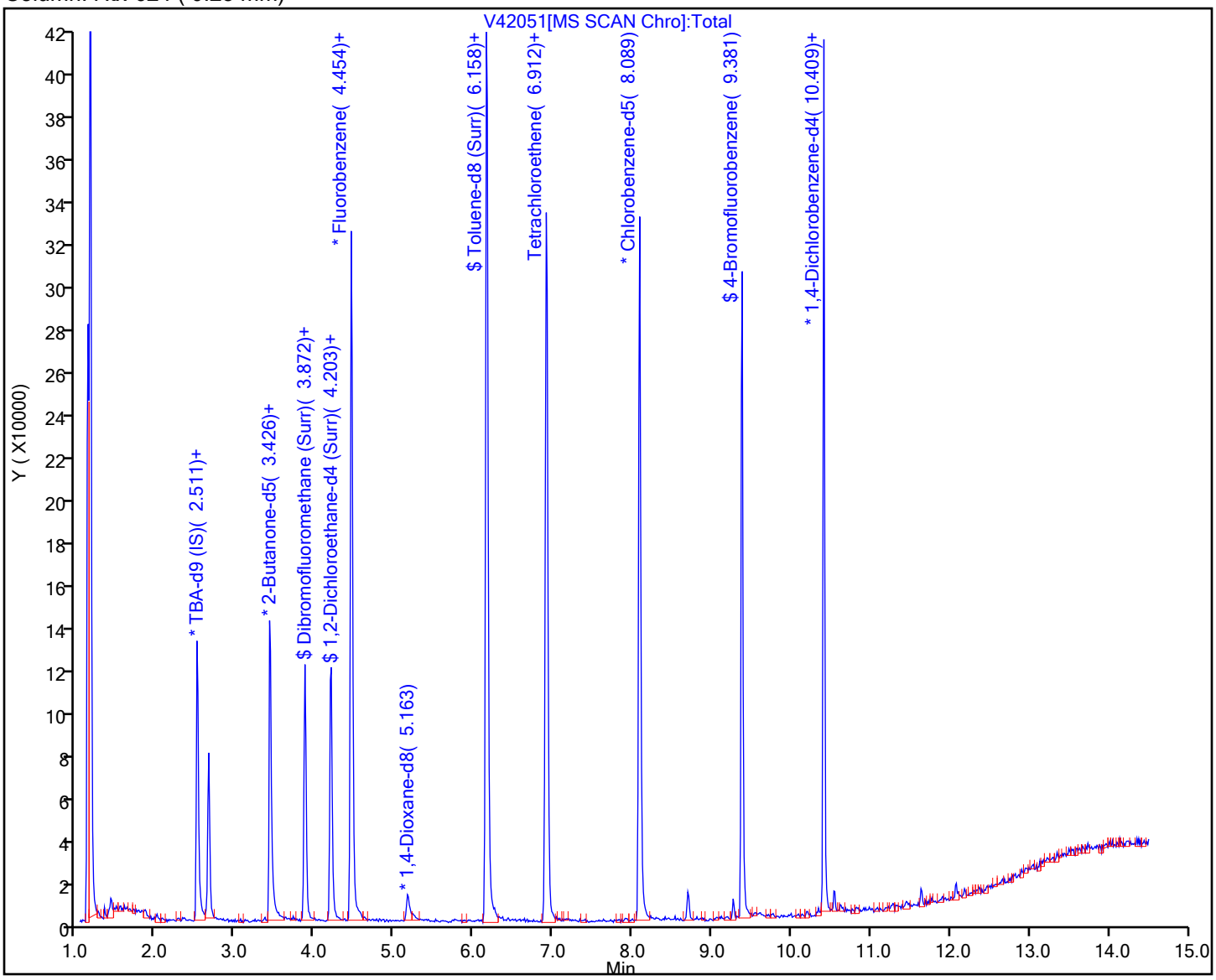
Client ID: A-07

Operator ID: ALS Bottle#: 73 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D
Lims ID: 460-285954-A-8
Client ID: A-07
Sample Type: Client
Inject. Date: 14-Aug-2023 15:18:30 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-8
Misc. Info.: 460-0164631-024
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:18:26 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

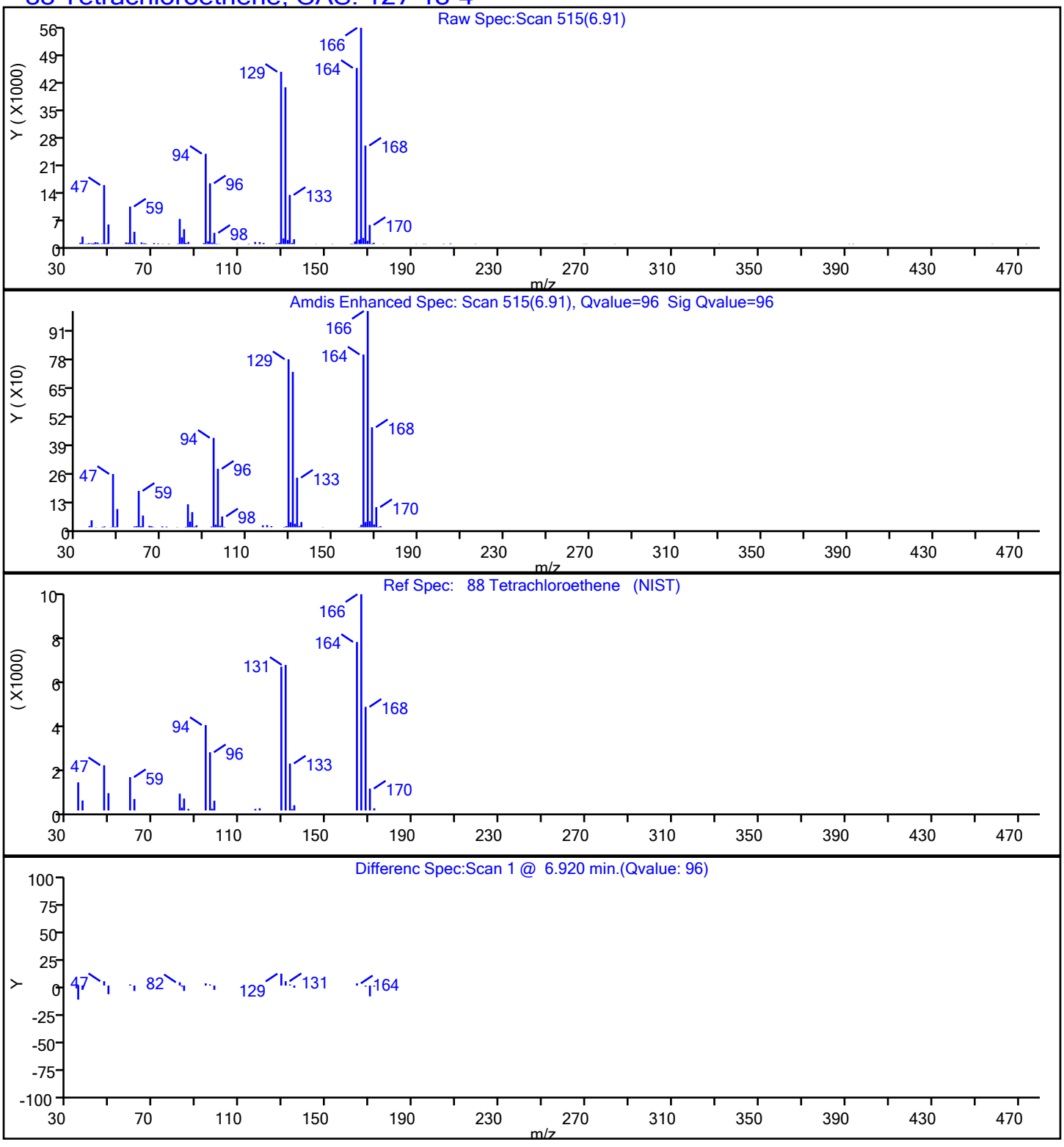
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:18:26

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.4	94.81
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.0	105.96
$ 82 Toluene-d8 (Surr)	50.0	49.5	98.95
$ 105 4-Bromofluorobenzene	50.0	53.5	107.01

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D		
Injection Date:	14-Aug-2023 15:18:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-8	Lab Sample ID:	460-285954-8
Client ID:	A-07		
Operator ID:		ALS Bottle#:	73 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



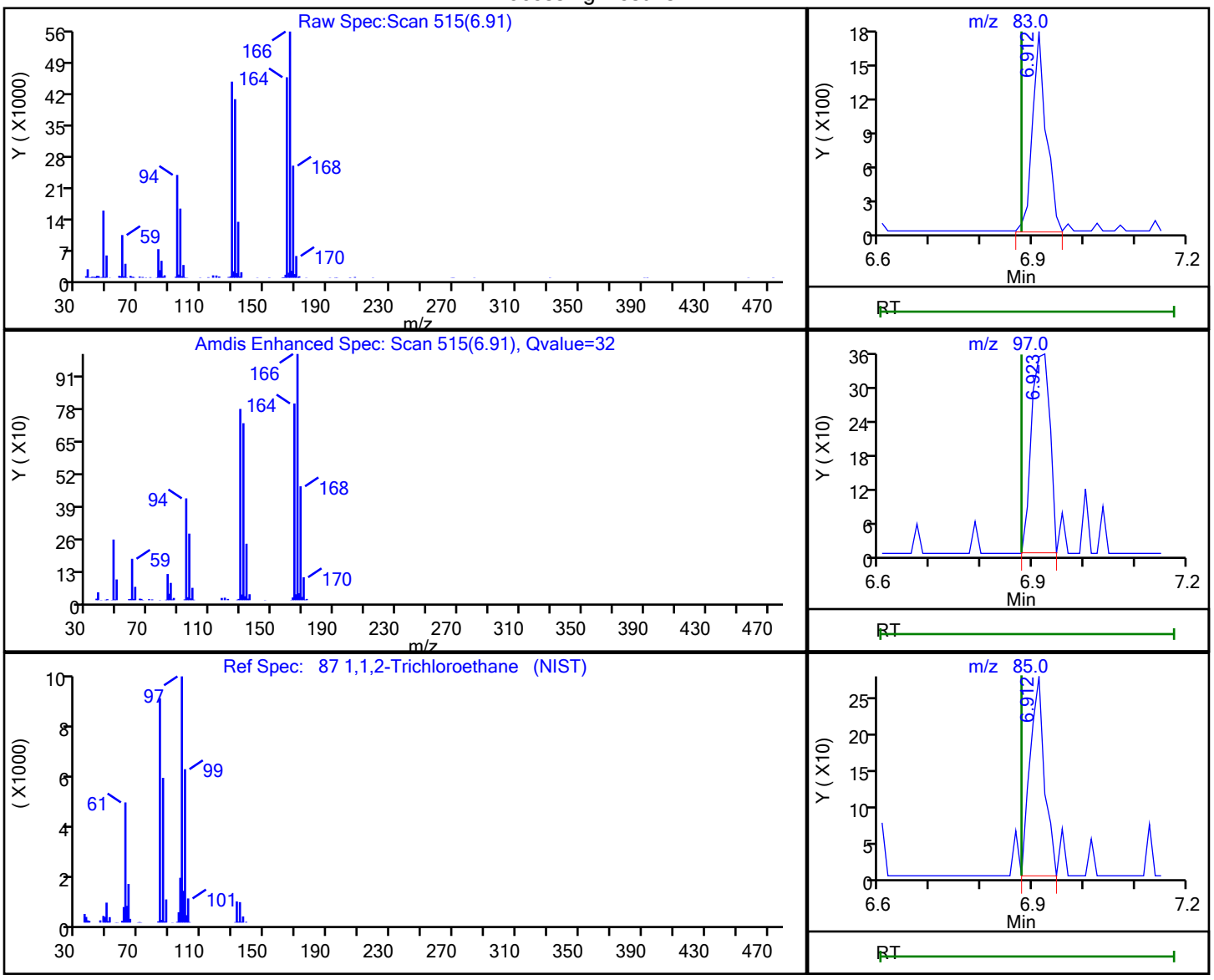
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D				
Injection Date:	14-Aug-2023 15:18:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-8	Lab Sample ID:	460-285954-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	3175	1.287787
6.92	97.00	901	
6.91	85.00	536	

Reviewer: HVW2, 14-Aug-2023 20:18:13 -04:00:00 (UTC)

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

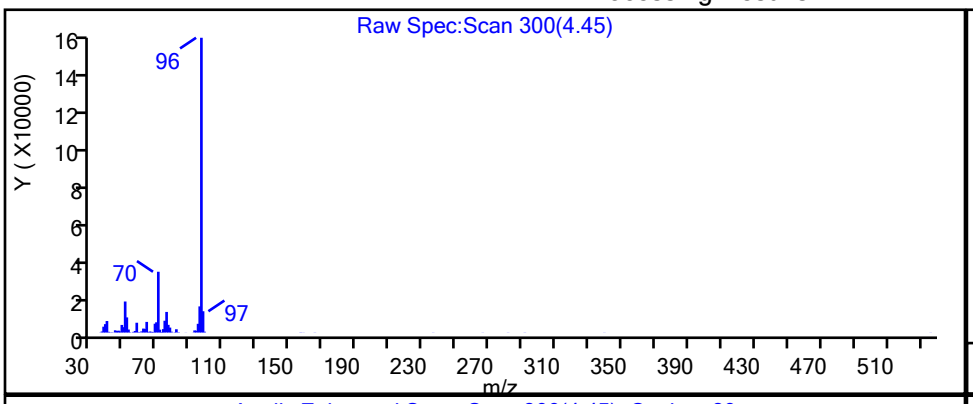
User Disabled Compound Report

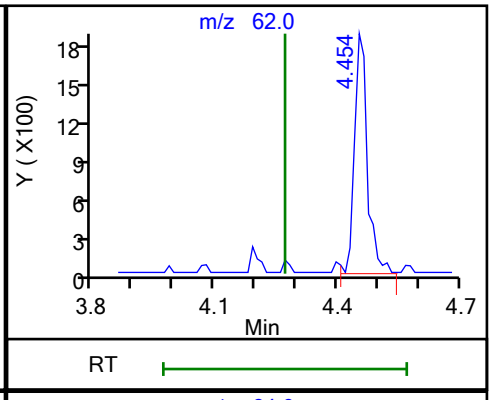
Eurofins Edison

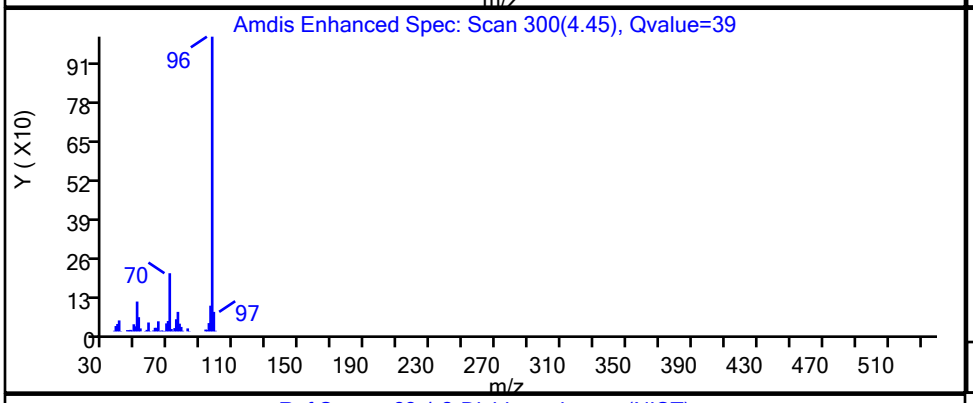
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42051.D				
Injection Date:	14-Aug-2023 15:18:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-8	Lab Sample ID:	460-285954-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

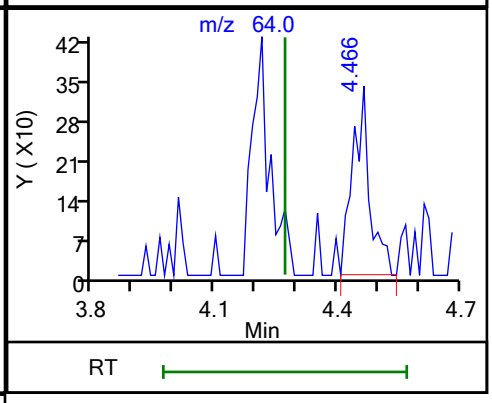
63 1,2-Dichloroethane, CAS: 107-06-2

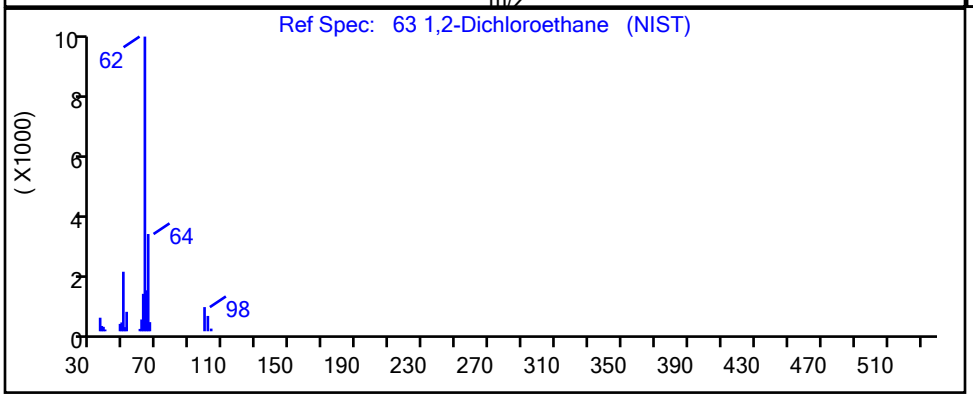
Processing Results











RT	Mass	Response	Amount
4.45	62.00	3999	1.132974
4.47	64.00	977	

Reviewer: HVW2, 14-Aug-2023 20:18:16 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-285954-9

Matrix: Water | Lab File ID: V42052.D

Analysis Method: 8260D | Date Collected: 08/09/2023 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	170		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-285954-9

Matrix: Water | Lab File ID: V42052.D

Analysis Method: 8260D | Date Collected: 08/09/2023 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 15:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42052.D
Lims ID: 460-285954-A-9
Client ID: A-05
Sample Type: Client
Inject. Date: 14-Aug-2023 15:39:30 ALS Bottle#: 74 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-9
Misc. Info.: 460-0164631-025
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:18:49 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:18:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	23259	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	220992	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	82543	49.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	90	93428	55.9	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	346668	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	18146	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	398723	50.0	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	449887	165.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	237503	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	87686	55.8	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	102142	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:18:49 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42052.D

Injection Date: 14-Aug-2023 15:39:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-9 Lab Sample ID: 460-285954-9

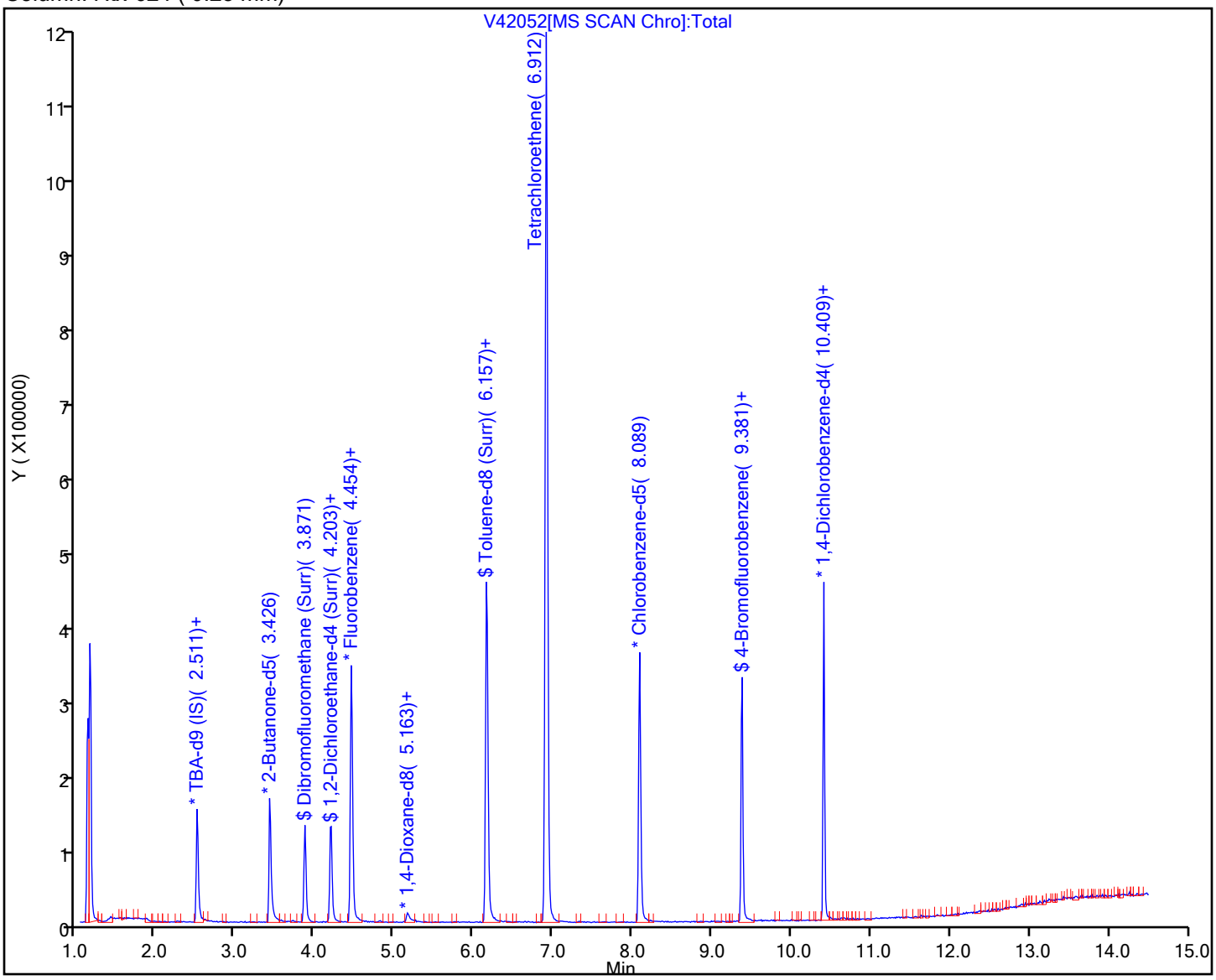
Client ID: A-05

Operator ID: ALS Bottle#: 74 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42052.D
Lims ID: 460-285954-A-9
Client ID: A-05
Sample Type: Client
Inject. Date: 14-Aug-2023 15:39:30 ALS Bottle#: 74 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-9
Misc. Info.: 460-0164631-025
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:18:49 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

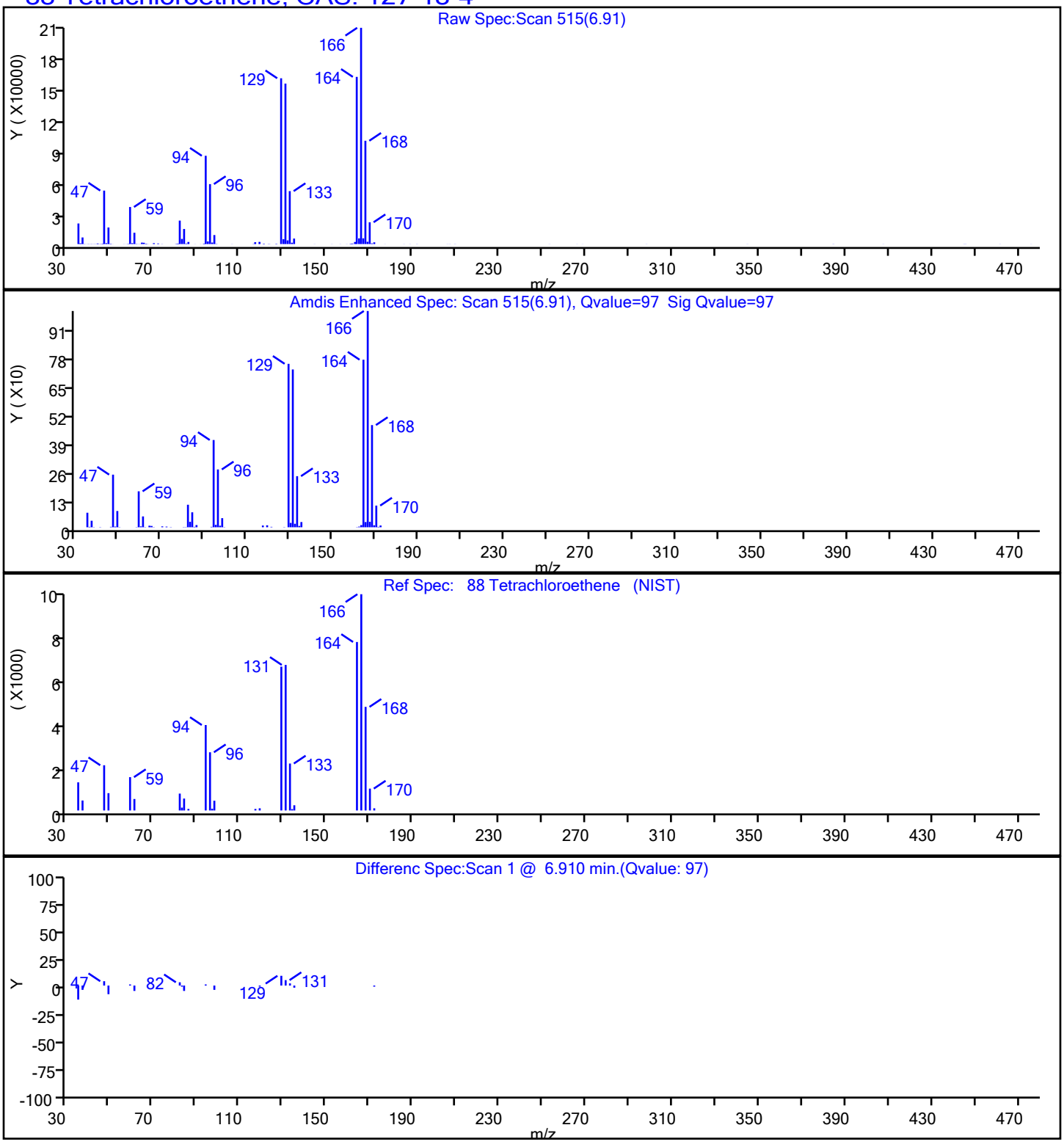
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:18:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.0	98.06
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.9	111.76
$ 82 Toluene-d8 (Surr)	50.0	50.0	99.95
$ 105 4-Bromofluorobenzene	50.0	55.8	111.53

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42052.D		
Injection Date:	14-Aug-2023 15:39:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-9	Lab Sample ID:	460-285954-9
Client ID:	A-05		
Operator ID:		ALS Bottle#:	74 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



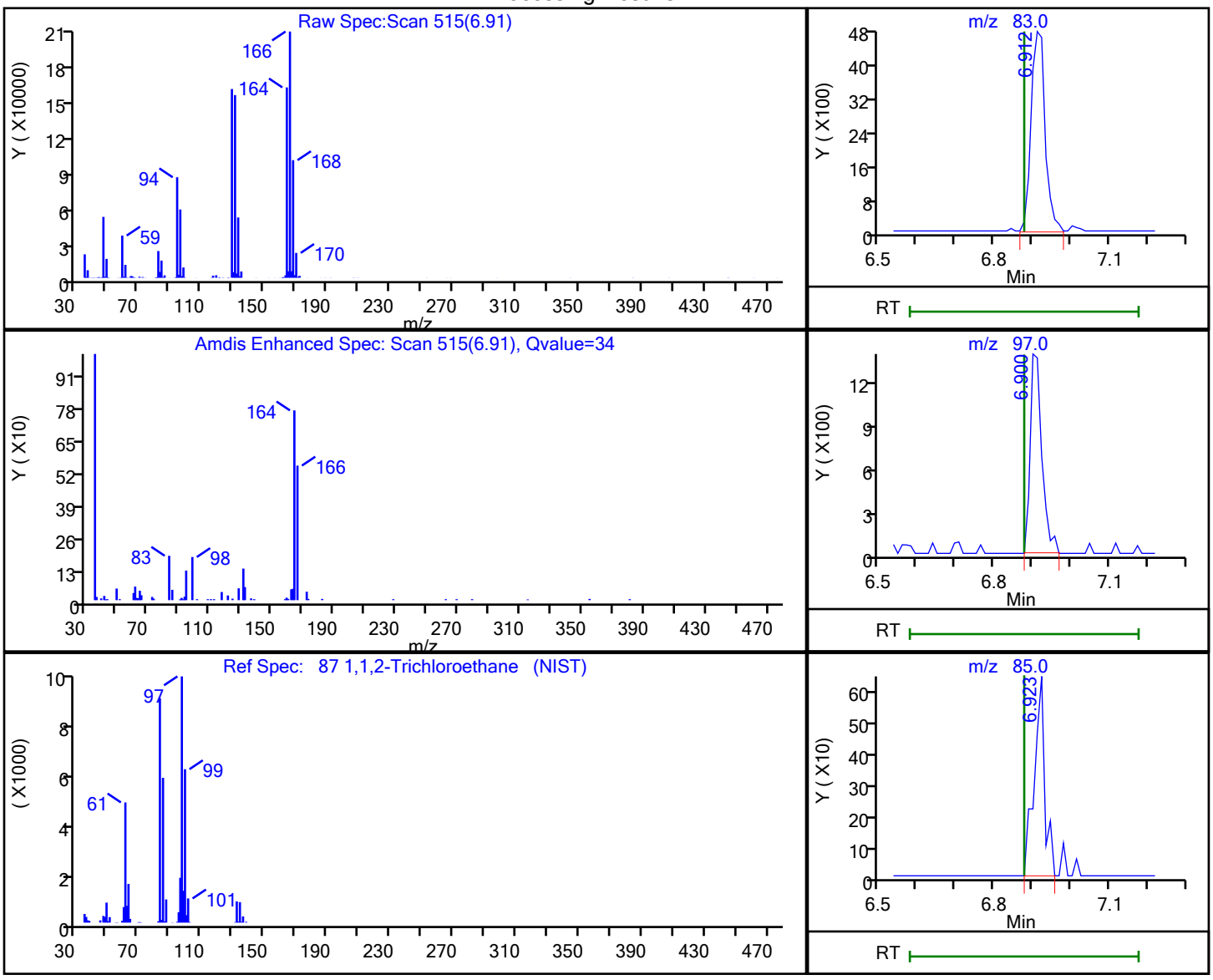
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42052.D				
Injection Date:	14-Aug-2023 15:39:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-9	Lab Sample ID:	460-285954-9		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	74	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	12043	4.560886
6.90	97.00	2990	
6.92	85.00	1237	

Reviewer: HVW2, 14-Aug-2023 20:18:43 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-285954-10

Matrix: Water | Lab File ID: V42053.D

Analysis Method: 8260D | Date Collected: 08/09/2023 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 16:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	27		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-285954-10

Matrix: Water | Lab File ID: V42053.D

Analysis Method: 8260D | Date Collected: 08/09/2023 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 16:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42053.D
Lims ID: 460-285954-A-10
Client ID: A-09
Sample Type: Client
Inject. Date: 14-Aug-2023 16:01:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-10
Misc. Info.: 460-0164631-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:19:15 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:19:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	23050	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	214157	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	78422	47.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	92	91107	55.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	339106	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	18814	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	387374	50.9	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	70353	27.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	226627	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	-0.001	0	81085	54.0	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	95164	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:19:15 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42053.D

Injection Date: 14-Aug-2023 16:01:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-10 Lab Sample ID: 460-285954-10

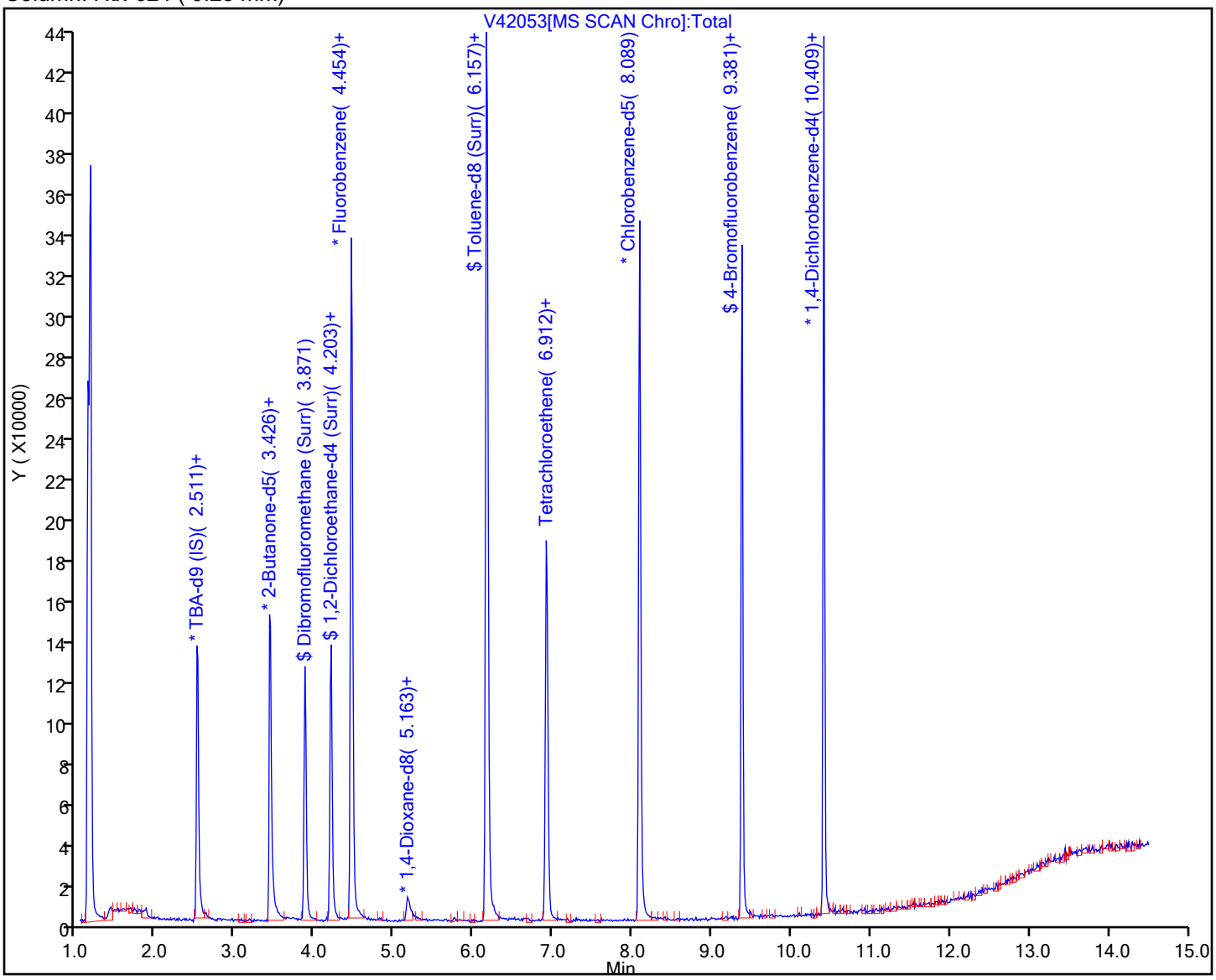
Client ID: A-09

Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42053.D
Lims ID: 460-285954-A-10
Client ID: A-09
Sample Type: Client
Inject. Date: 14-Aug-2023 16:01:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-10
Misc. Info.: 460-0164631-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:19:15 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

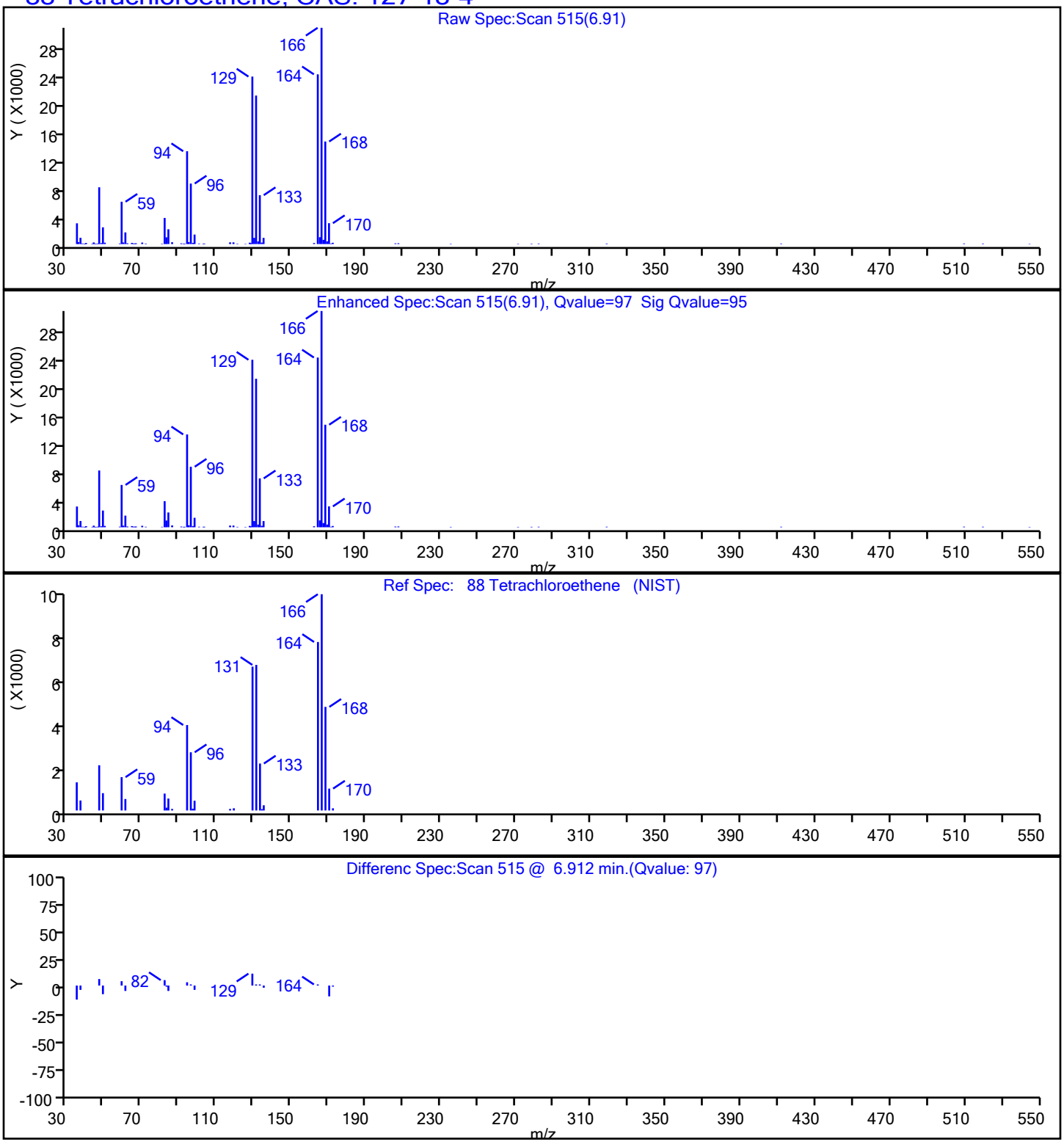
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:19:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.6	95.24
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.7	111.42
$ 82 Toluene-d8 (Surr)	50.0	50.9	101.77
$ 105 4-Bromofluorobenzene	50.0	54.0	108.08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42053.D
Injection Date: 14-Aug-2023 16:01:30 Instrument ID: CVOAMS7
Lims ID: 460-285954-A-10 Lab Sample ID: 460-285954-10
Client ID: A-09
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

88 Tetrachloroethene, CAS: 127-18-4



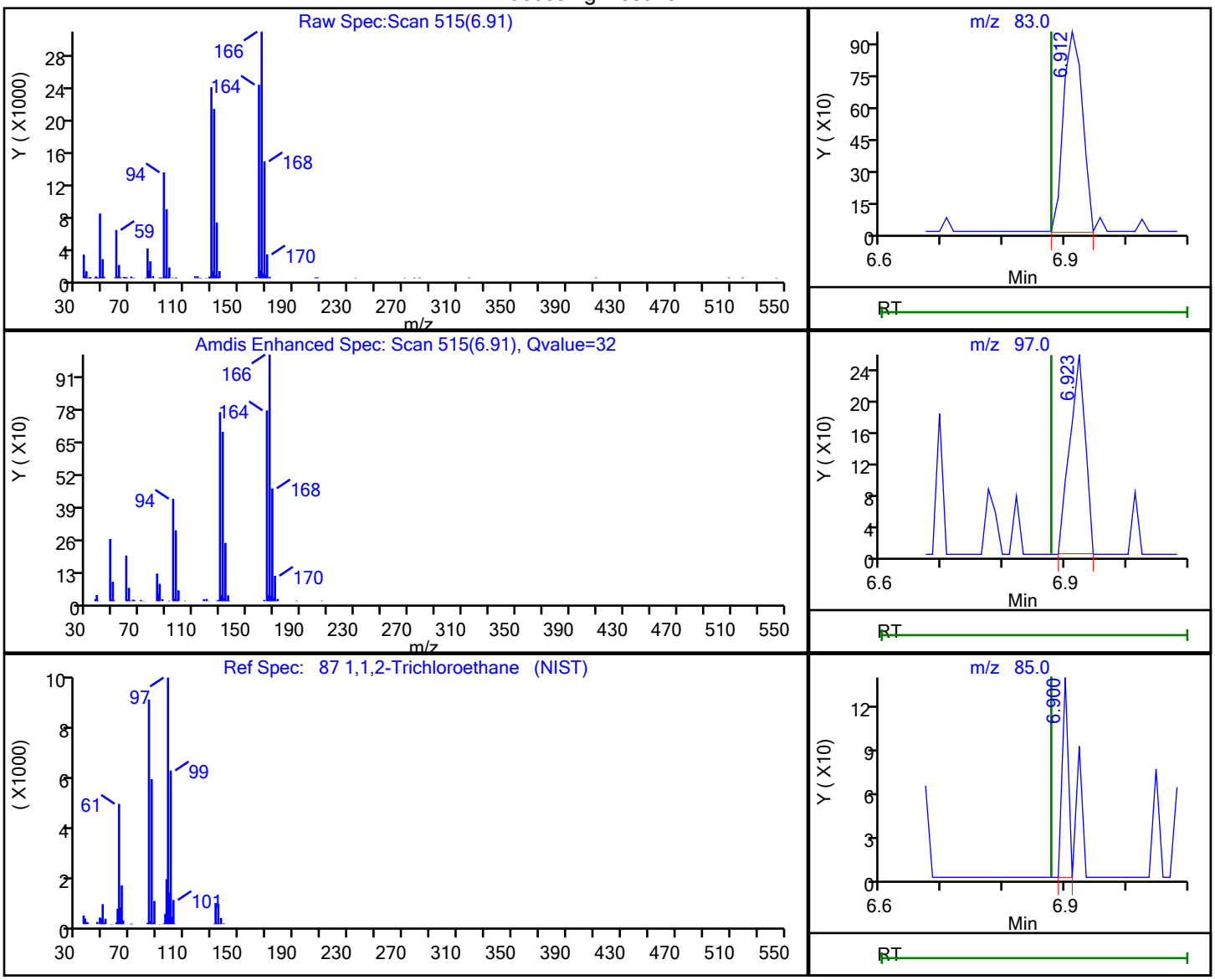
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42053.D				
Injection Date:	14-Aug-2023 16:01:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-10	Lab Sample ID:	460-285954-10		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	75	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	2066	0.819978
6.92	97.00	446	
6.90	85.00	90	

Reviewer: HVW2, 14-Aug-2023 20:19:08 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-285954-11

Matrix: Water | Lab File ID: V42082.D

Analysis Method: 8260D | Date Collected: 08/09/2023 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 02:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	25		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-285954-11

Matrix: Water | Lab File ID: V42082.D

Analysis Method: 8260D | Date Collected: 08/09/2023 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 02:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42082.D				
Lims ID:	460-285954-B-11				
Client ID:	A-10				
Sample Type:	Client				
Inject. Date:	15-Aug-2023 02:47:30	ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-285954-B-11				
Misc. Info.:	460-0164661-020				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	15-Aug-2023 09:46:35	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				
First Level Reviewer: K0HS		Date:	15-Aug-2023 09:46:35		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	22617	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	211850	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	83816	46.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	95257	53.2	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	371073	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	90	17253	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	398431	47.1	
88 Tetrachloroethene	166	6.912	6.912	0.000	94	72434	25.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	251716	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	87413	52.5	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	105163	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 09:46:35 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42082.D

Injection Date: 15-Aug-2023 02:47:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-B-11 Lab Sample ID: 460-285954-11

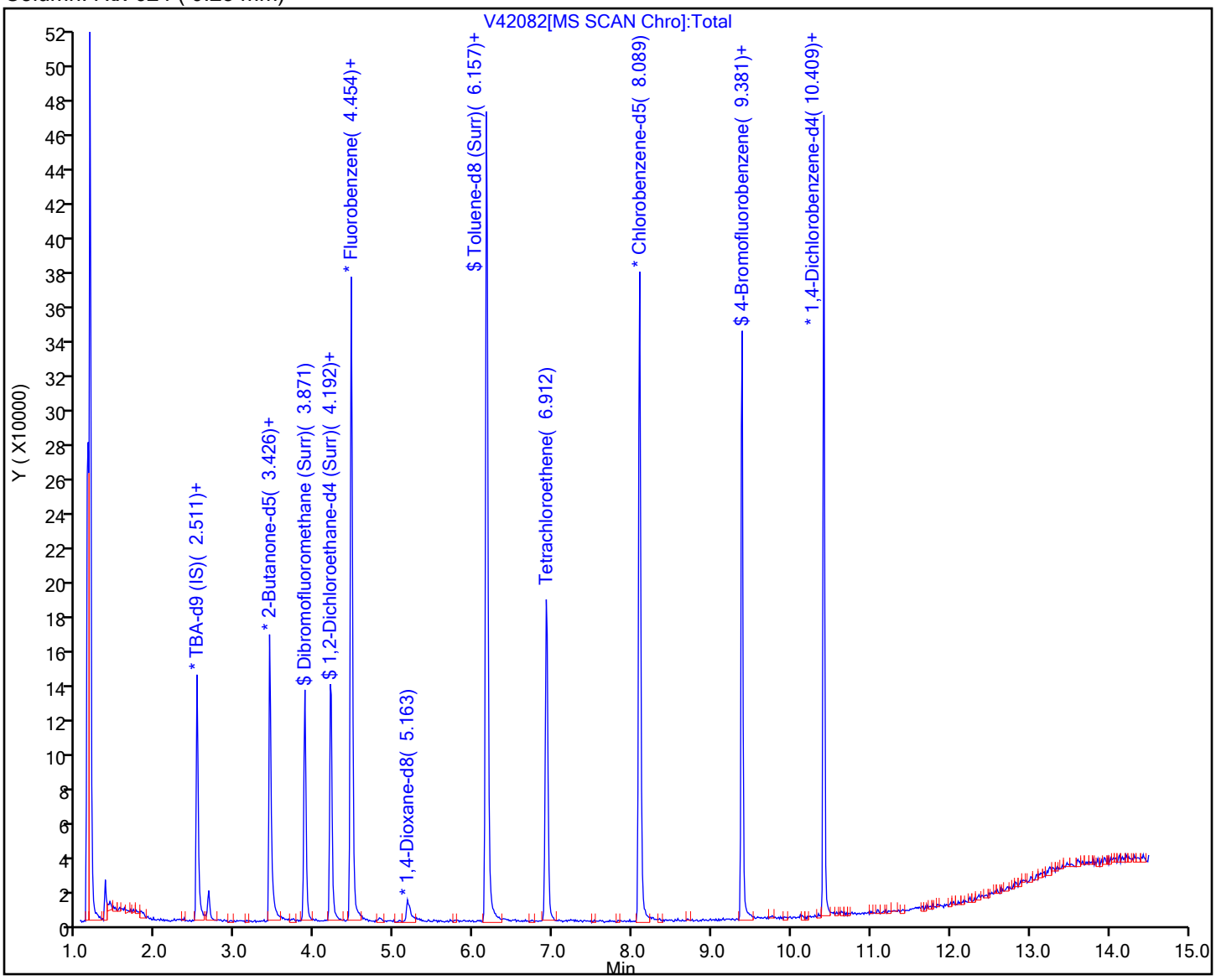
Client ID: A-10

Operator ID: ALS Bottle#: 70 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42082.D				
Lims ID:	460-285954-B-11				
Client ID:	A-10				
Sample Type:	Client				
Inject. Date:	15-Aug-2023 02:47:30	ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-285954-B-11				
Misc. Info.:	460-0164661-020				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	15-Aug-2023 09:46:35	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				

First Level Reviewer: K0HS Date: 15-Aug-2023 09:46:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	46.5	93.02
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.46
$ 82 Toluene-d8 (Surr)	50.0	47.1	94.24
$ 105 4-Bromofluorobenzene	50.0	52.5	104.90

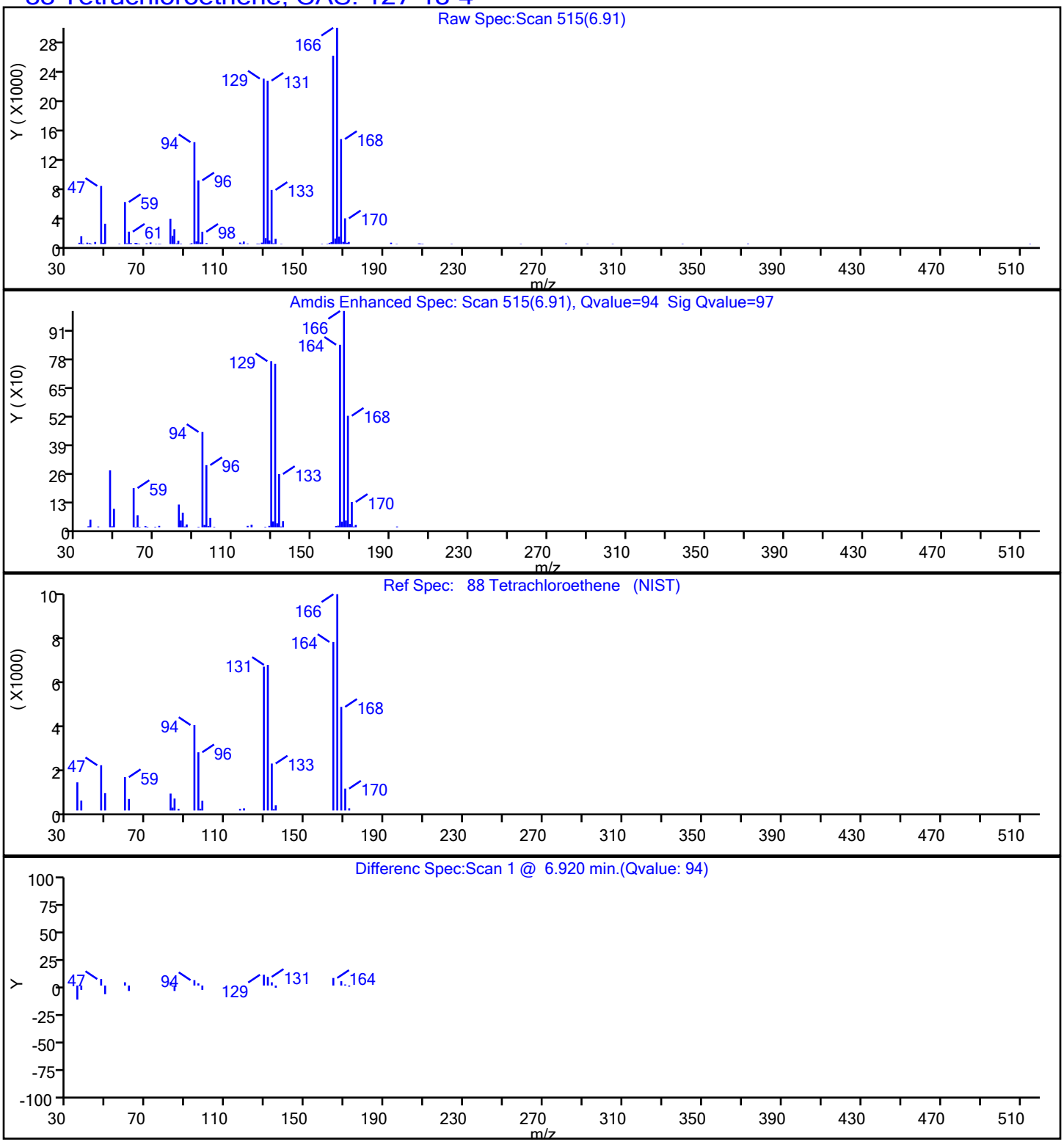
Report Date: 15-Aug-2023 09:46:35 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42082.D

Injection Date:	15-Aug-2023 02:47:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-B-11	Lab Sample ID:	460-285954-11
Client ID:	A-10		
Operator ID:		ALS Bottle#:	70 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



8/17/2023 3:03 PM

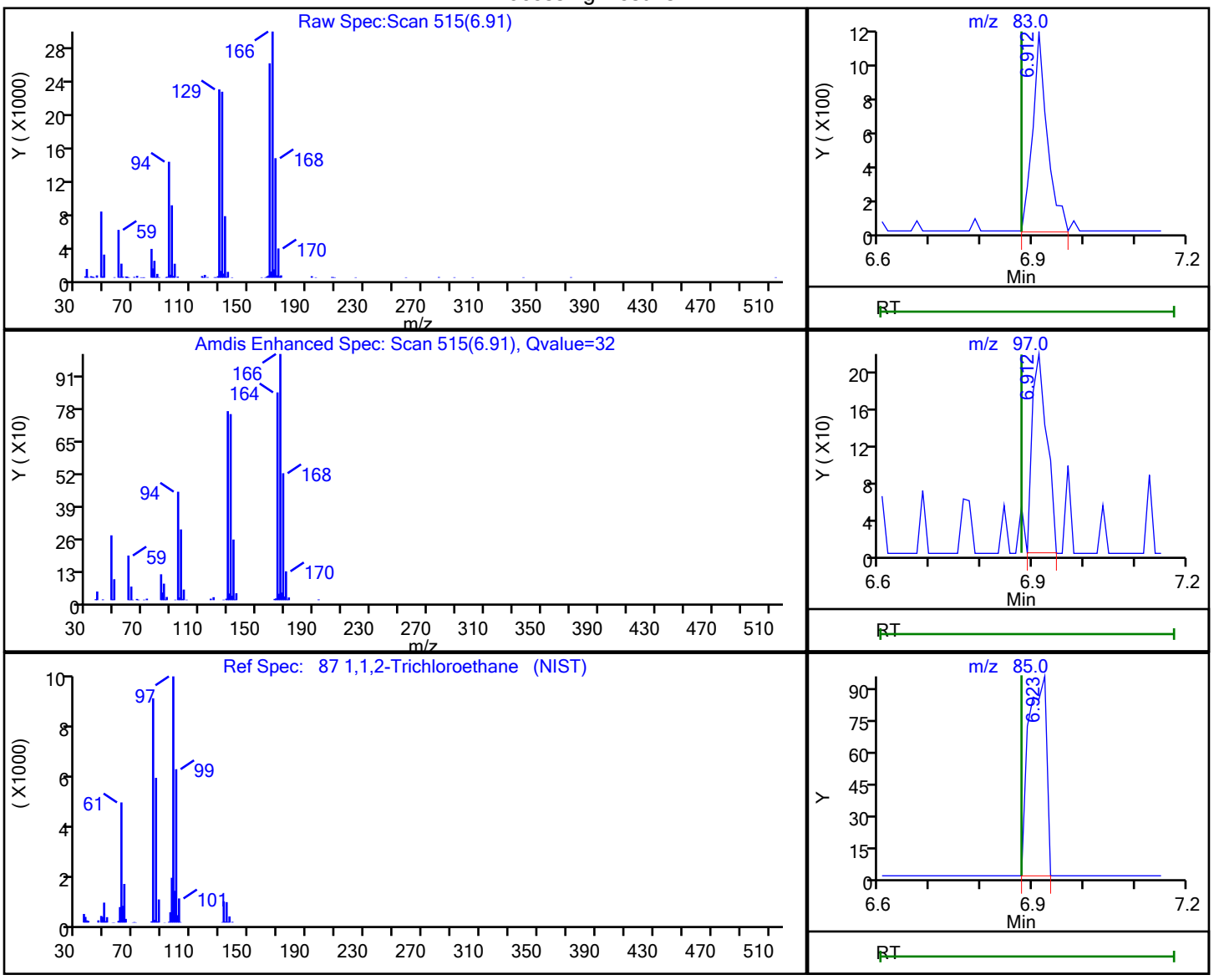
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42082.D				
Injection Date:	15-Aug-2023 02:47:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-B-11	Lab Sample ID:	460-285954-11		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	2222	0.793993
6.91	97.00	433	
6.92	85.00	232	

Reviewer: K0HS, 15-Aug-2023 09:46:29 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: FB0809 | Lab Sample ID: 460-285954-12

Matrix: Water | Lab File ID: V42040.D

Analysis Method: 8260D | Date Collected: 08/09/2023 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 11:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: FB0809 | Lab Sample ID: 460-285954-12

Matrix: Water | Lab File ID: V42040.D

Analysis Method: 8260D | Date Collected: 08/09/2023 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 11:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42040.D
Lims ID: 460-285954-A-12
Client ID: FB0809
Sample Type: Client
Inject. Date: 14-Aug-2023 11:22:30 ALS Bottle#: 62 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-12
Misc. Info.: 460-0164631-013
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:38:03 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 14-Aug-2023 11:41:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	26282	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	243735	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	86540	44.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	92	102939	53.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	397564	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	20782	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	435716	47.6	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	272353	50.0	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	94679	52.5	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	109657	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 15-Aug-2023 18:38:33 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42040.D

Injection Date: 14-Aug-2023 11:22:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-12 Lab Sample ID: 460-285954-12

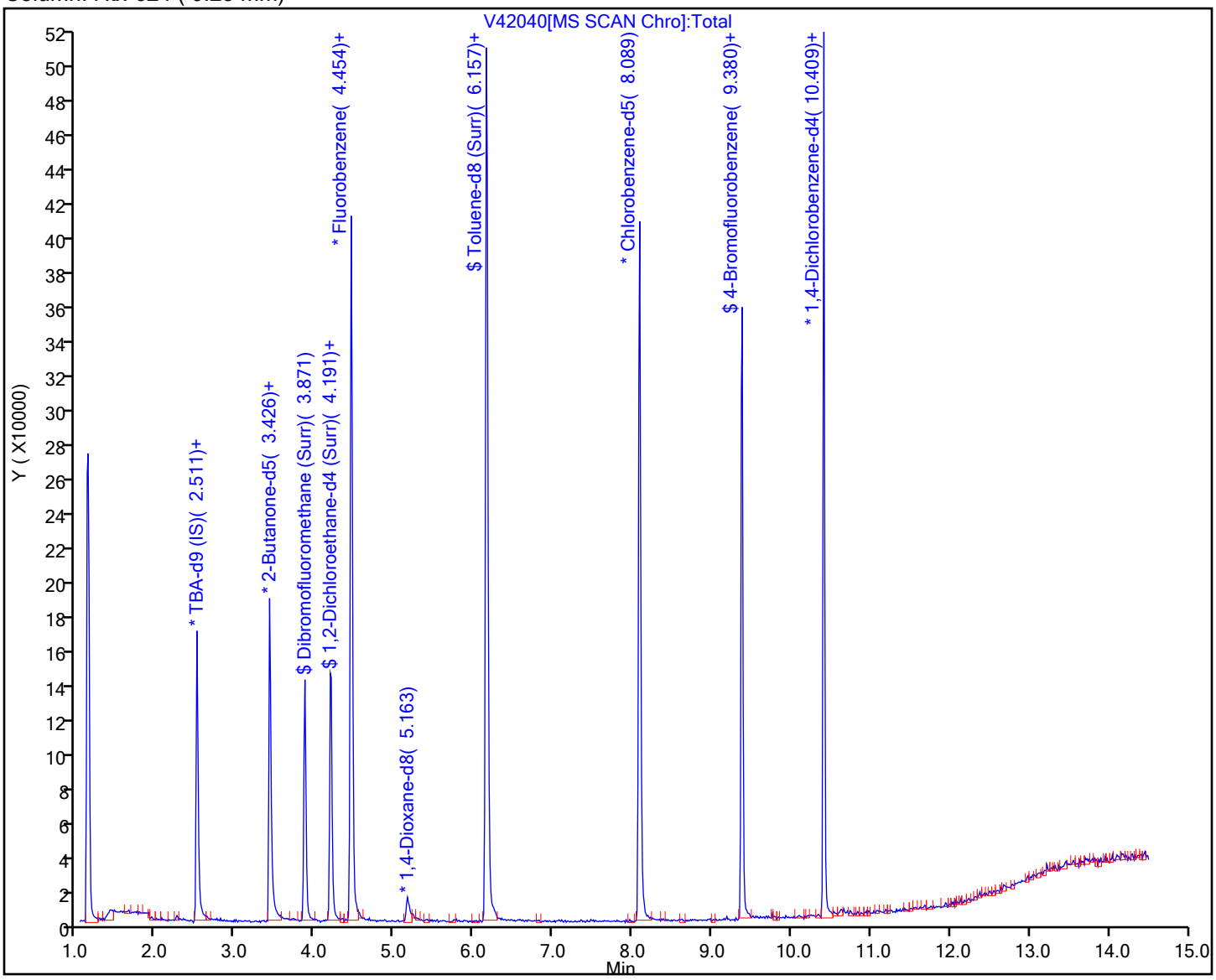
Client ID: FB0809

Operator ID: ALS Bottle#: 62 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42040.D
Lims ID: 460-285954-A-12
Client ID: FB0809
Sample Type: Client
Inject. Date: 14-Aug-2023 11:22:30 ALS Bottle#: 62 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-12
Misc. Info.: 460-0164631-013
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:38:03 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 14-Aug-2023 11:41:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	44.8	89.65
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.7	107.37
$ 82 Toluene-d8 (Surr)	50.0	47.6	95.25
$ 105 4-Bromofluorobenzene	50.0	52.5	105.01

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-285954-13

Matrix: Water | Lab File ID: V42041.D

Analysis Method: 8260D | Date Collected: 08/09/2023 15:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 11:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U *	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-285954-13

Matrix: Water Lab File ID: V42041.D

Analysis Method: 8260D Date Collected: 08/09/2023 15:00

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 11:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42041.D				
Lims ID:	460-285954-A-13				
Client ID:	Trip Blank				
Sample Type:	Client				
Inject. Date:	14-Aug-2023 11:44:30	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-285954-A-13				
Misc. Info.:	460-0164631-014				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	15-Aug-2023 18:38:03	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1626				
First Level Reviewer: FK2C		Date:	14-Aug-2023 13:31:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	23771	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	212012	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	95	81613	46.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	95199	54.3	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	363730	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	93	17193	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	409008	51.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	88	238051	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	88522	56.2	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	95559	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 18:38:55 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42041.D

Injection Date: 14-Aug-2023 11:44:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-13 Lab Sample ID: 460-285954-13

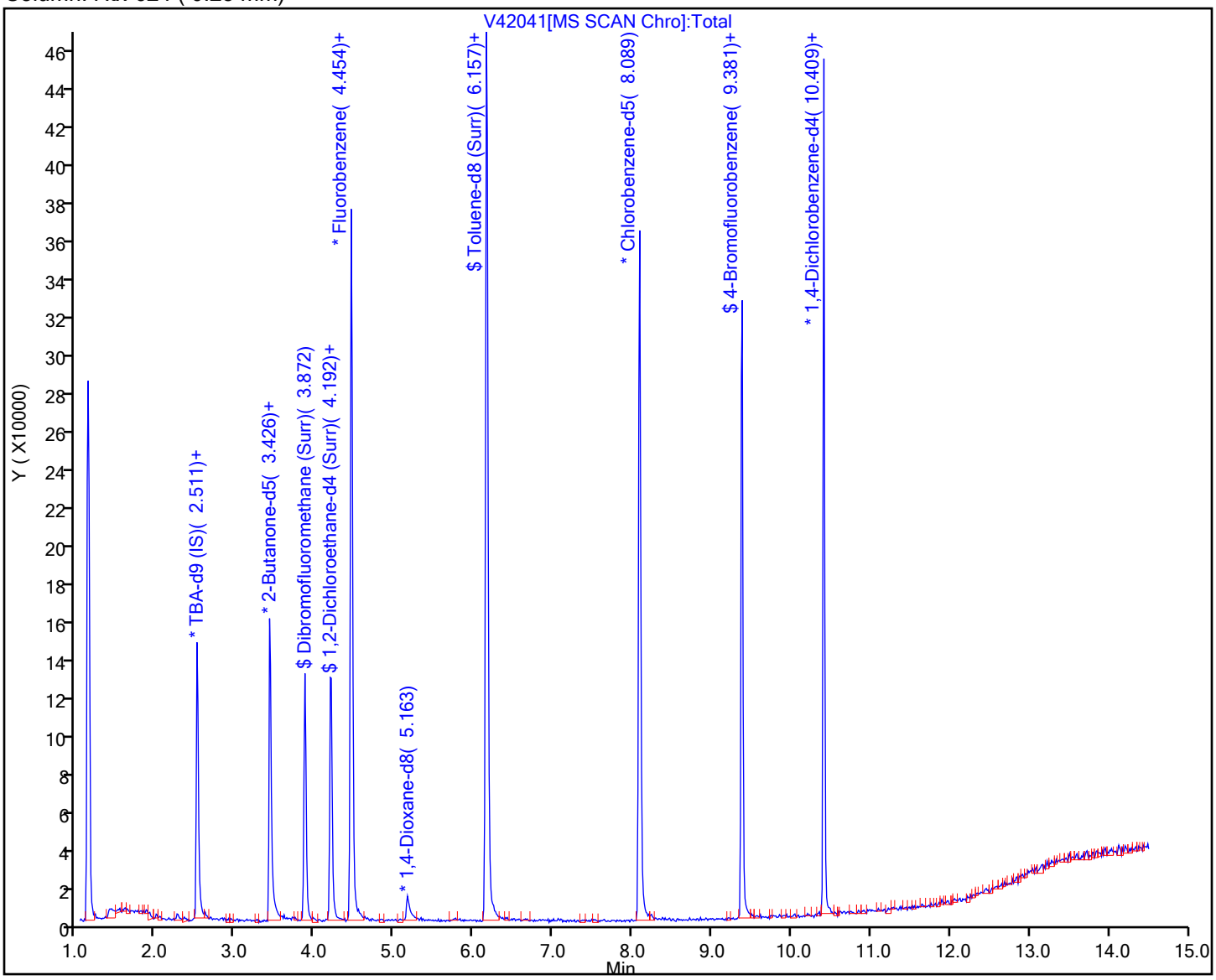
Client ID: Trip Blank

Operator ID: ALS Bottle#: 63 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42041.D
Lims ID: 460-285954-A-13
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 14-Aug-2023 11:44:30 ALS Bottle#: 63 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-13
Misc. Info.: 460-0164631-014
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:38:03 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 14-Aug-2023 13:31:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	46.2	92.41
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	54.3	108.54
$ 82 Toluene-d8 (Surr)	50.0	51.1	102.29
$ 105 4-Bromofluorobenzene	50.0	56.2	112.33

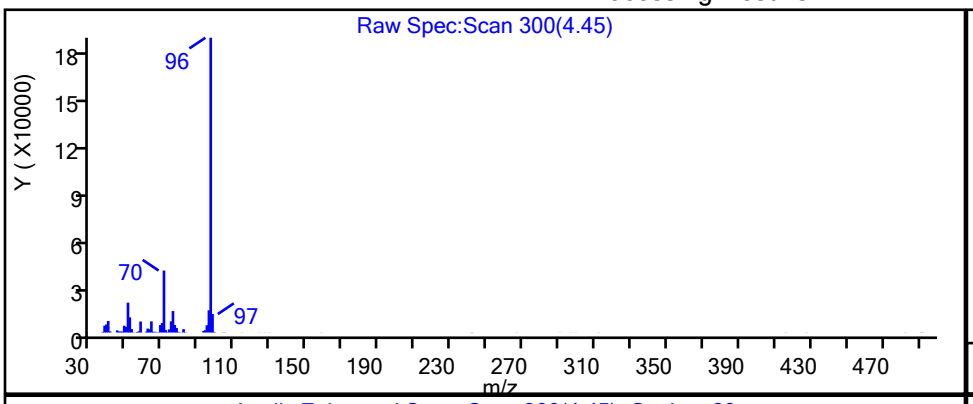
User Disabled Compound Report

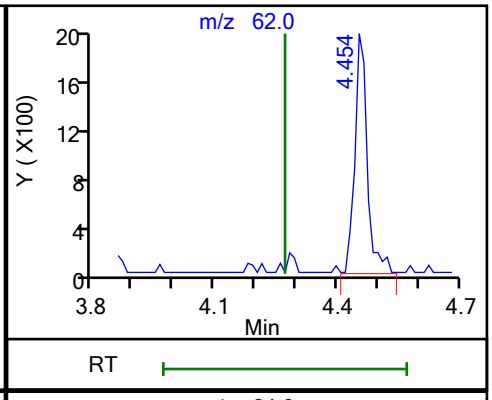
Eurofins Edison

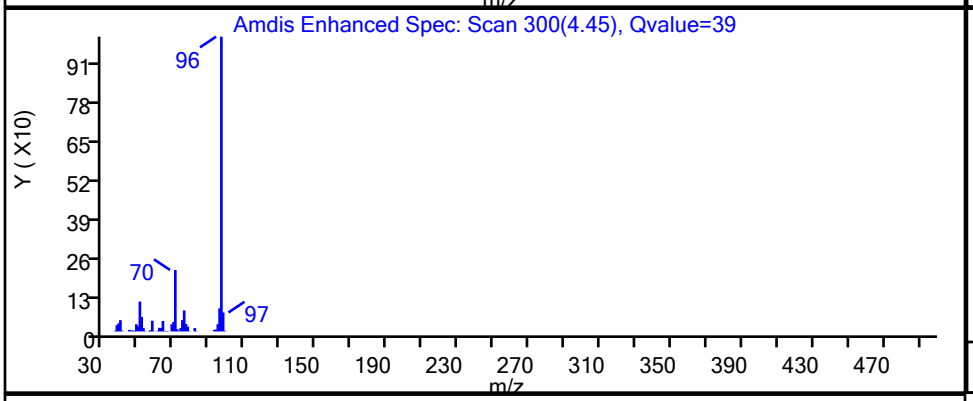
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42041.D				
Injection Date:	14-Aug-2023 11:44:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-13	Lab Sample ID:	460-285954-13		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

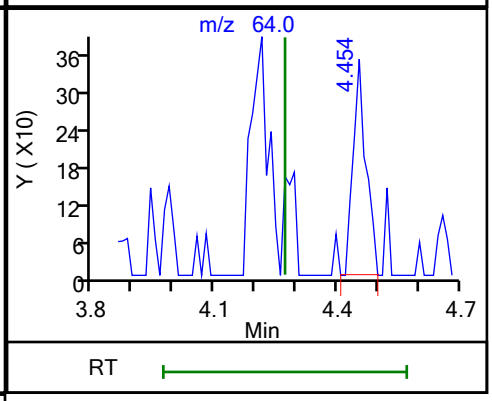
63 1,2-Dichloroethane, CAS: 107-06-2

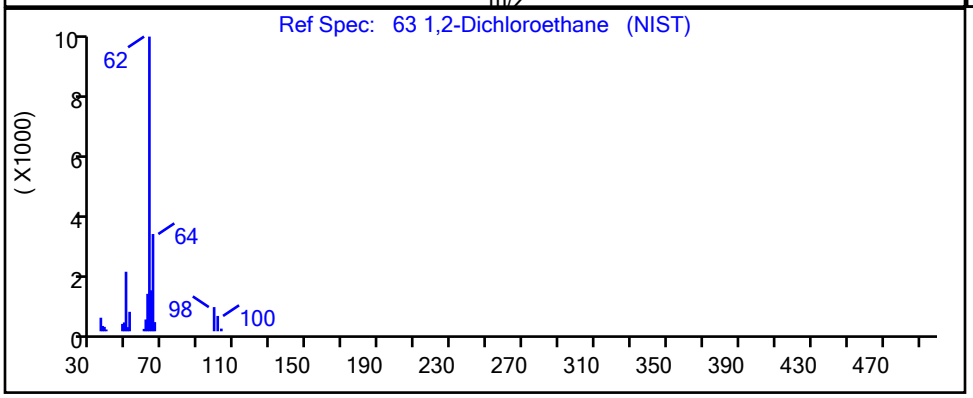
Processing Results











RT	Mass	Response	Amount
4.45	62.00	4082	1.053829
4.45	64.00	768	

Reviewer: FK2C, 14-Aug-2023 13:31:10 -04:00:00 (UTC)

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

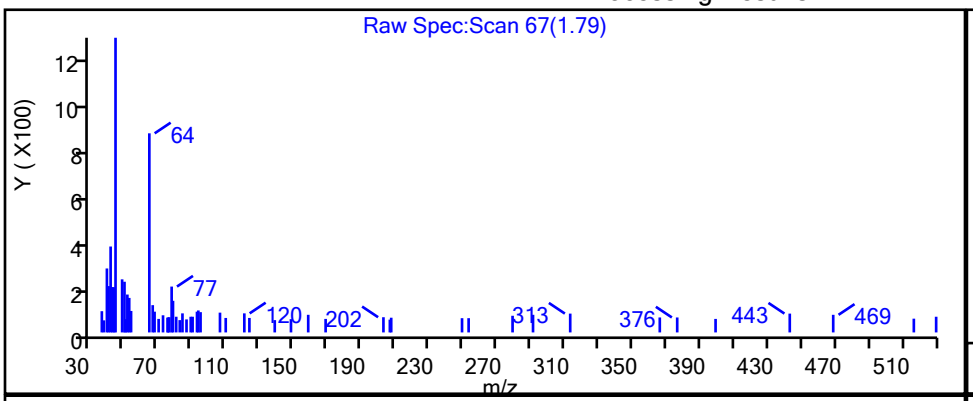
User Disabled Compound Report

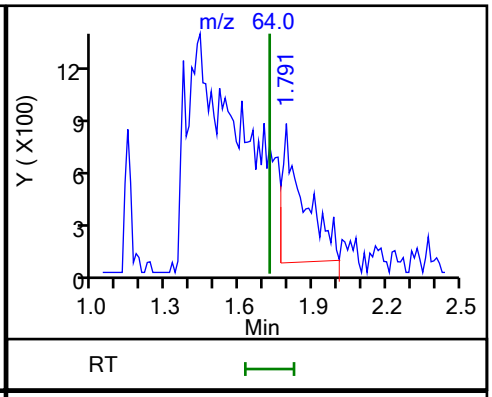
Eurofins Edison

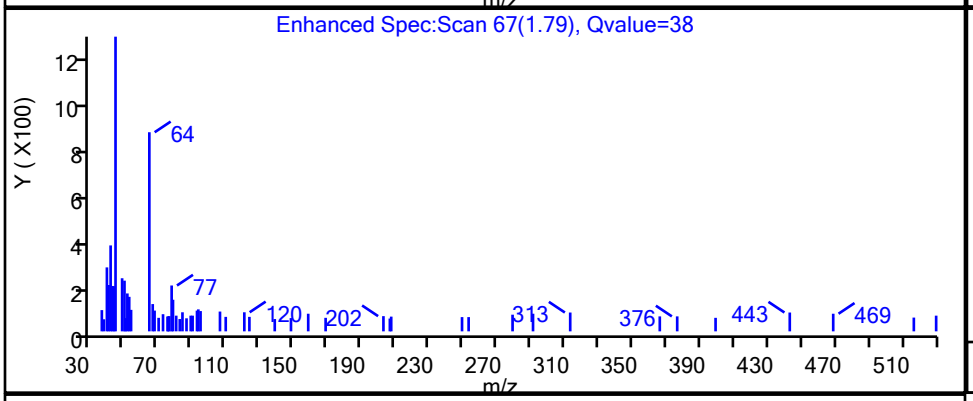
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42041.D				
Injection Date:	14-Aug-2023 11:44:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-13	Lab Sample ID:	460-285954-13		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

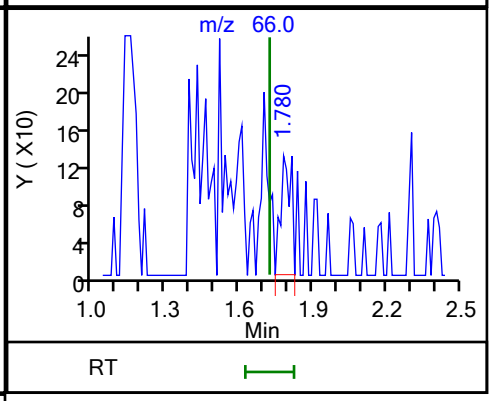
10 Chloroethane, CAS: 75-00-3

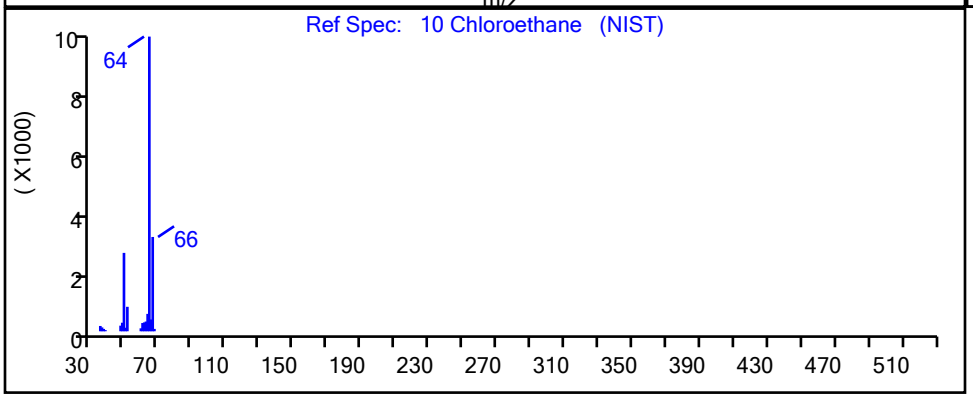
Processing Results











RT	Mass	Response	Amount
1.79	64.00	4728	1.730986
1.78	66.00	381	

Reviewer: FK2C, 14-Aug-2023 13:31:07 -04:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-285954-14

Matrix: Water | Lab File ID: V42058.D

Analysis Method: 8260D | Date Collected: 08/09/2023 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 17:47

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U *	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	630		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	2.0	U	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: MW-13 | Lab Sample ID: 460-285954-14

Matrix: Water | Lab File ID: V42058.D

Analysis Method: 8260D | Date Collected: 08/09/2023 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 17:47

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

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

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D
Lims ID: 460-285954-A-14
Client ID: ME-13
Sample Type: Client
Inject. Date: 14-Aug-2023 17:47:30 ALS Bottle#: 80 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-285954-A-14
Misc. Info.: 460-0164631-031
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:21:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:21:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	24126	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	217269	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	85076	51.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	92	92161	55.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	342990	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	87	19153	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	391405	49.8	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	845947	315.3	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	86	233787	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	88336	57.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	96477	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 20:21:19 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D

Injection Date: 14-Aug-2023 17:47:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-14 Lab Sample ID: 460-285954-14

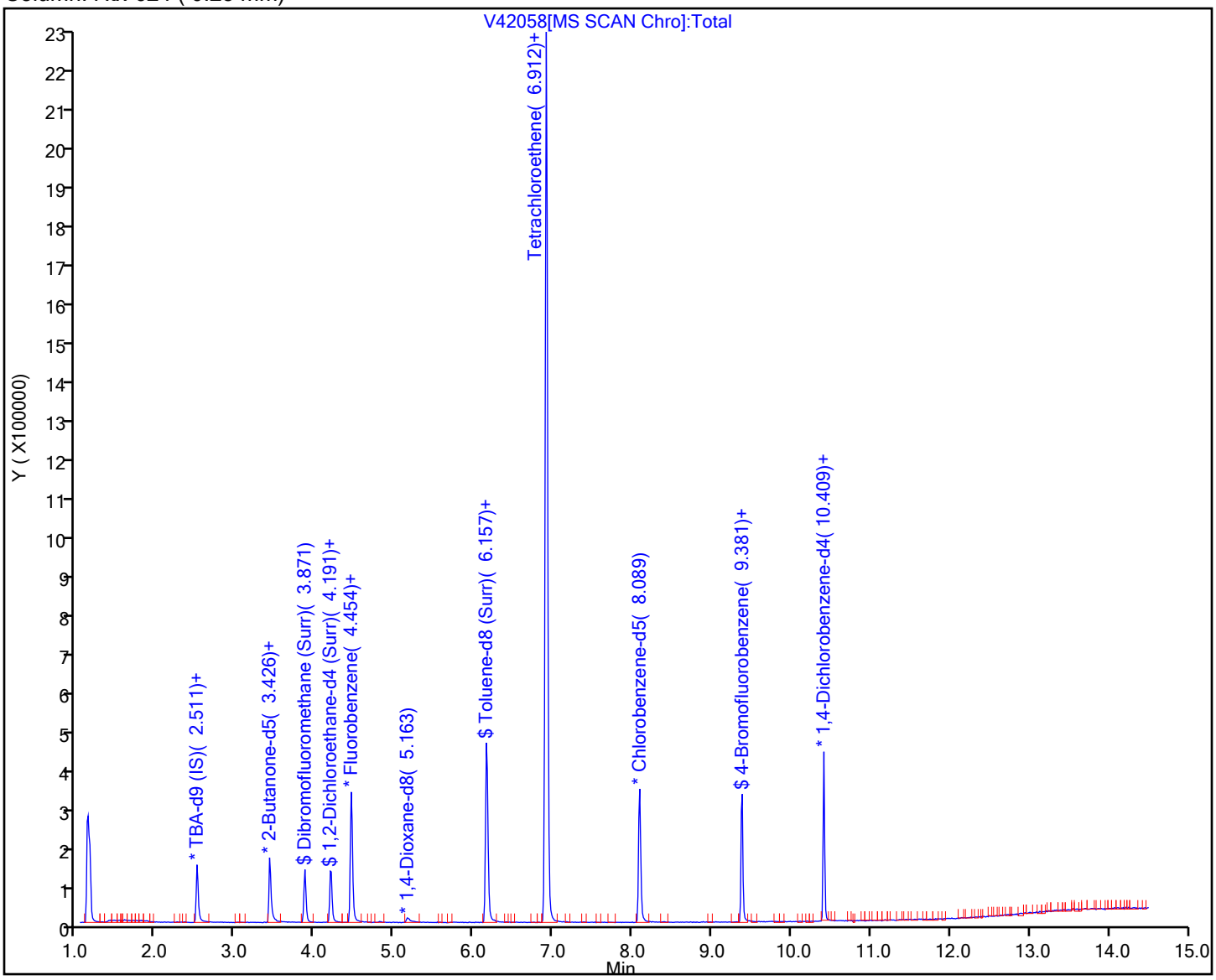
Client ID: ME-13

Operator ID: ALS Bottle#: 80 Worklist Smp#: 31

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D
Lims ID: 460-285954-A-14
Client ID: ME-13
Sample Type: Client
Inject. Date: 14-Aug-2023 17:47:30 ALS Bottle#: 80 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-285954-A-14
Misc. Info.: 460-0164631-031
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 20:21:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1671

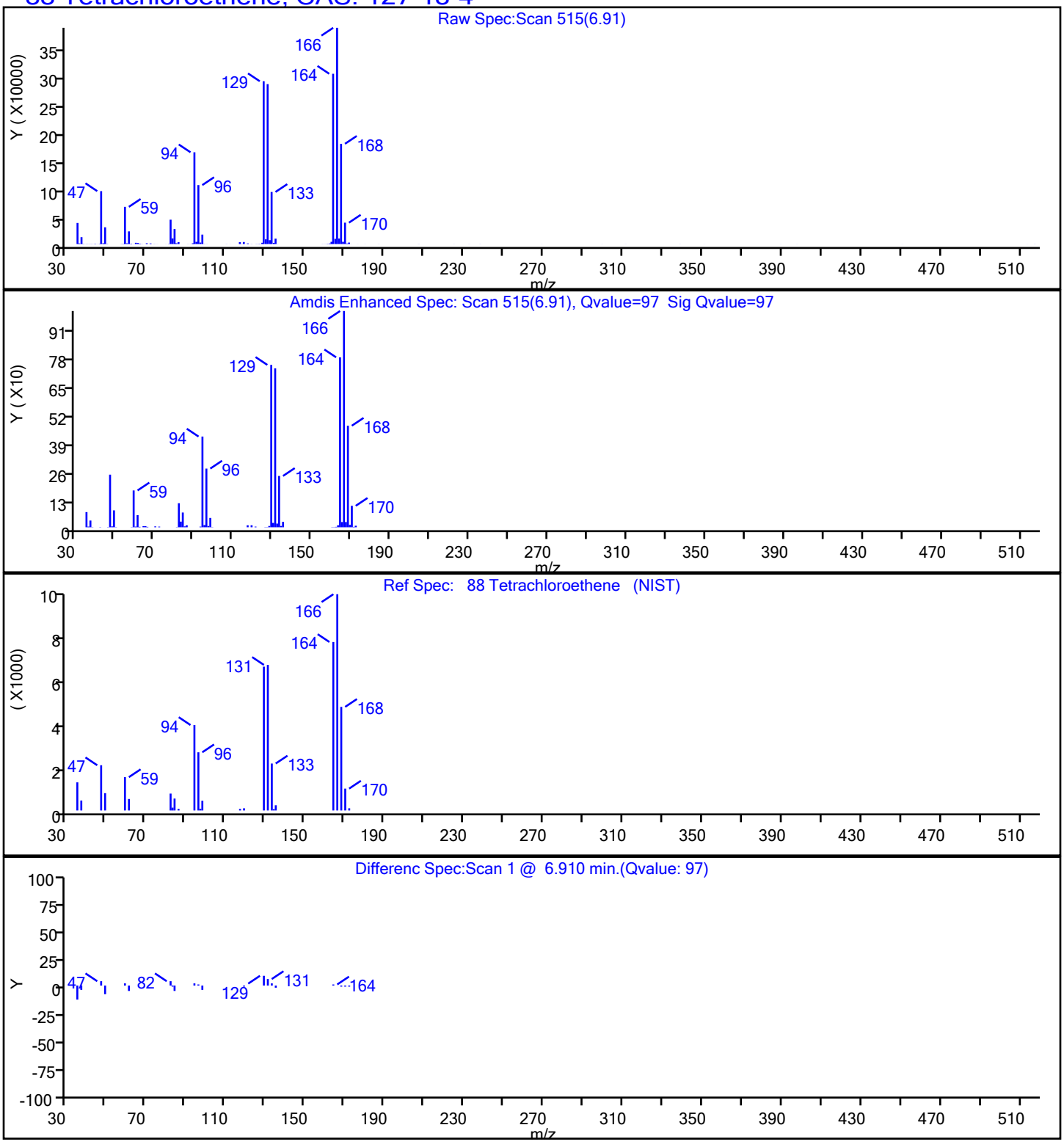
First Level Reviewer: HVW2 Date: 14-Aug-2023 20:21:19

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.1	102.15
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.7	111.43
$ 82 Toluene-d8 (Surr)	50.0	49.8	99.67
$ 105 4-Bromofluorobenzene	50.0	57.1	114.14

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D		
Injection Date:	14-Aug-2023 17:47:30	Instrument ID:	CVOAMS7
Lims ID:	460-285954-A-14	Lab Sample ID:	460-285954-14
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	80 Worklist Smp#: 31
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



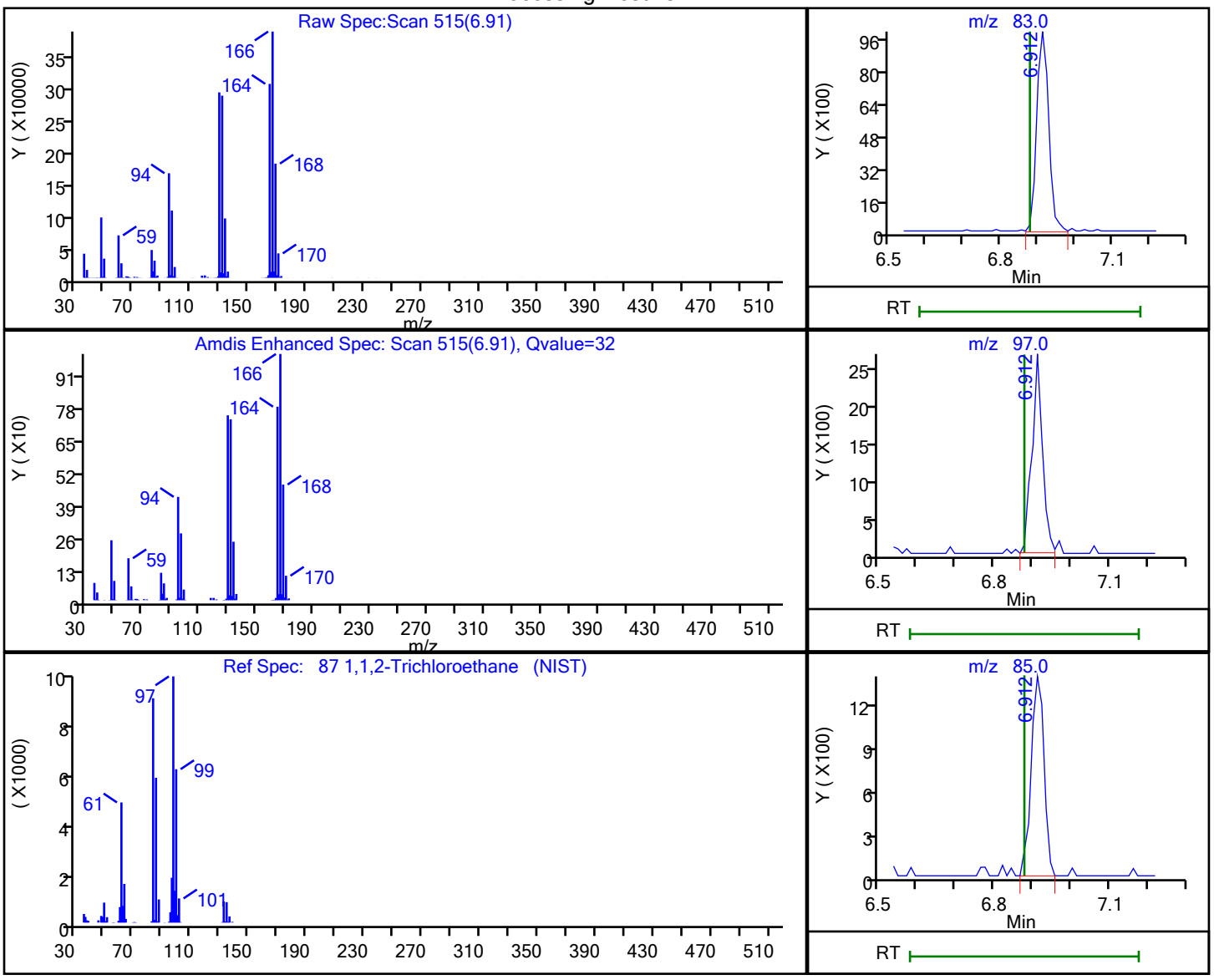
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D				
Injection Date:	14-Aug-2023 17:47:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-14	Lab Sample ID:	460-285954-14		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	80	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
6.91	83.00	22349	8.598474
6.91	97.00	5123	
6.91	85.00	3196	

Reviewer: HVW2, 14-Aug-2023 20:21:07 -04:00:00 (UTC)

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

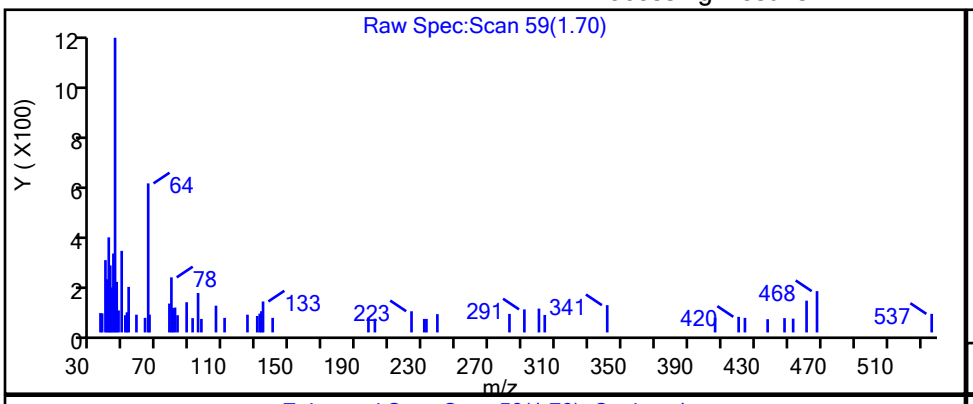
User Disabled Compound Report

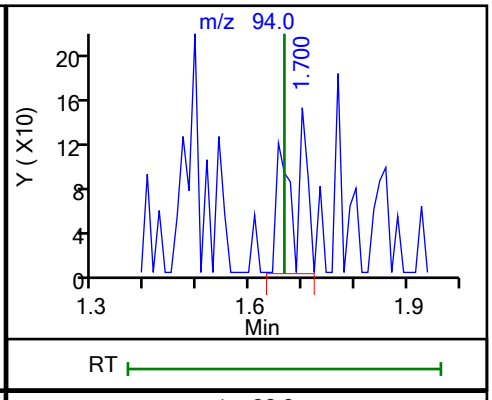
Eurofins Edison

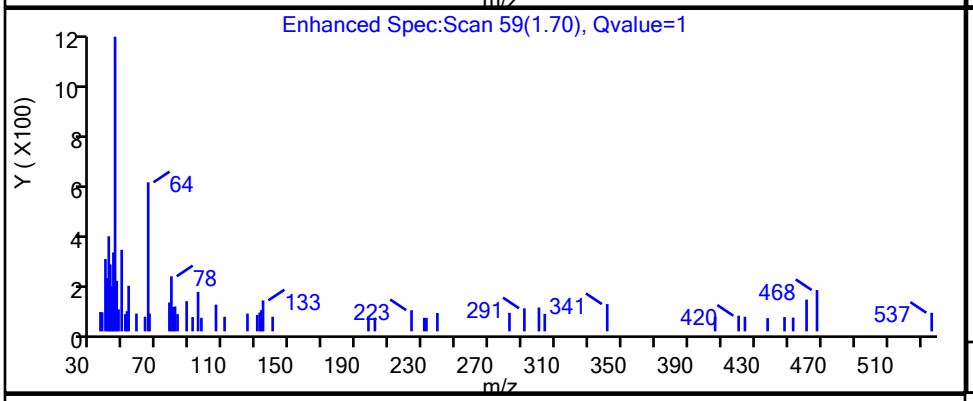
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D				
Injection Date:	14-Aug-2023 17:47:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-14	Lab Sample ID:	460-285954-14		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	80	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

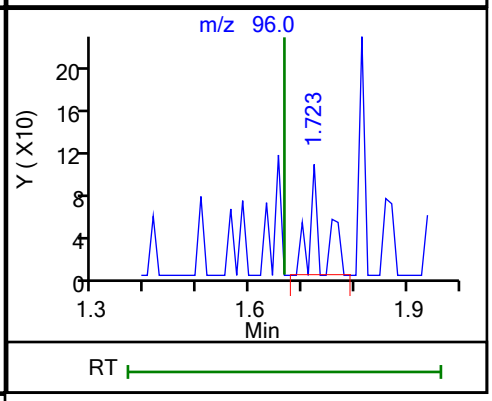
9 Bromomethane, CAS: 74-83-9

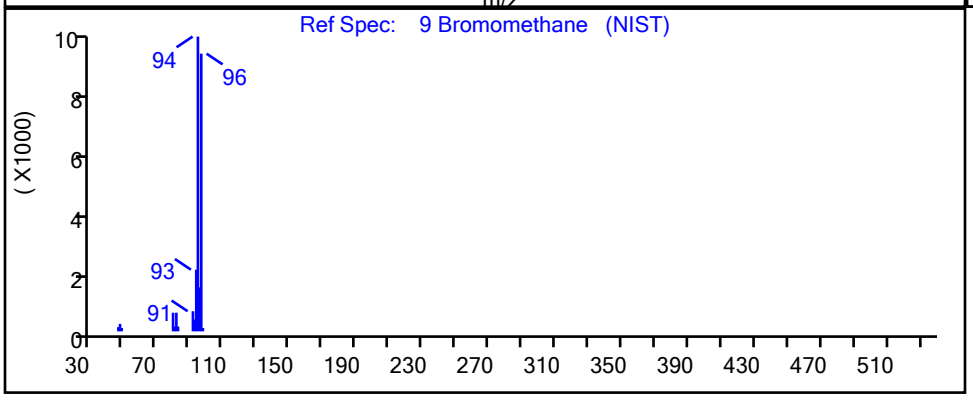
Processing Results











RT	Mass	Response	Amount
1.70	94.00	359	0.224932
1.72	96.00	180	

Reviewer: HVW2, 14-Aug-2023 20:21:11 -04:00:00 (UTC)

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

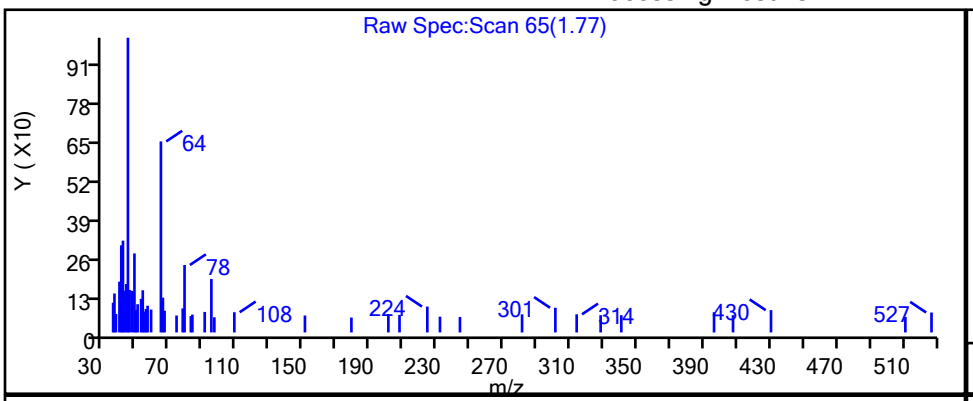
User Disabled Compound Report

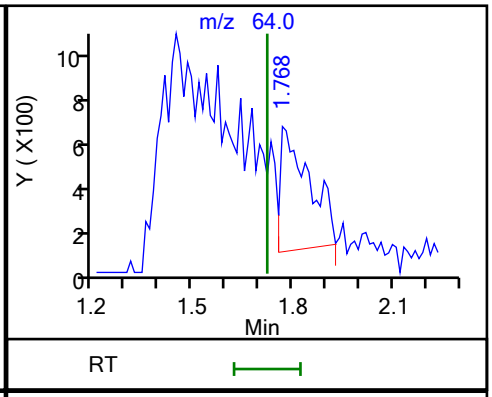
Eurofins Edison

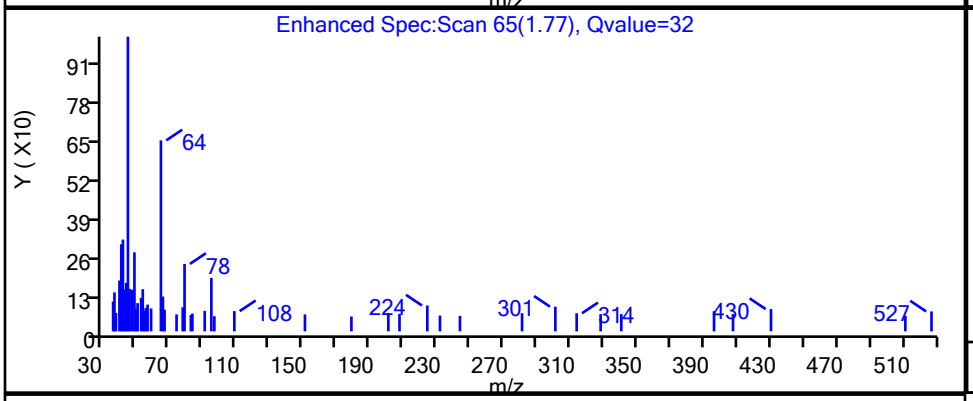
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42058.D				
Injection Date:	14-Aug-2023 17:47:30	Instrument ID:	CVOAMS7		
Lims ID:	460-285954-A-14	Lab Sample ID:	460-285954-14		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	80	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

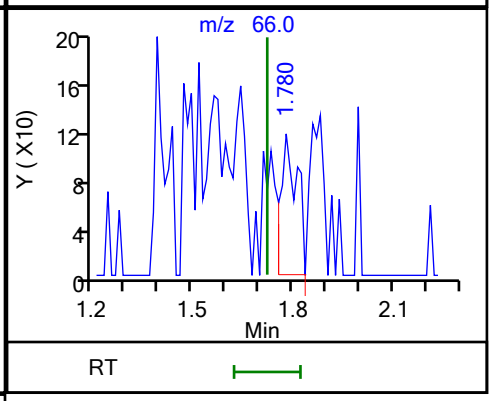
10 Chloroethane, CAS: 75-00-3

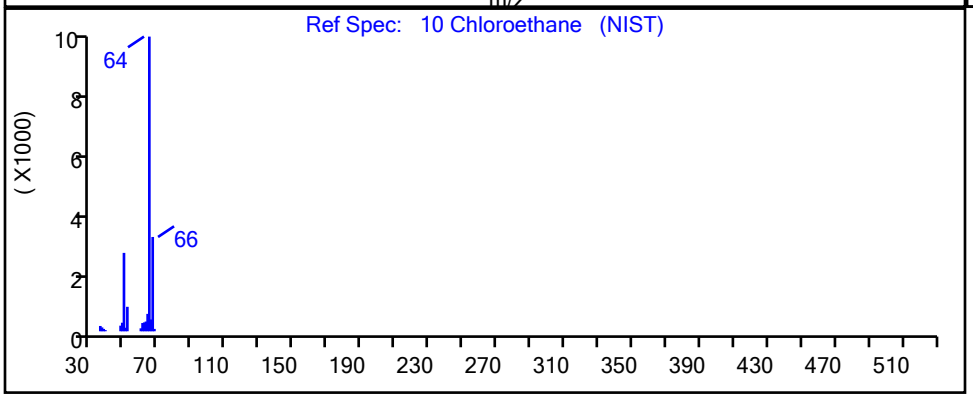
Processing Results











RT	Mass	Response	Amount
1.77	64.00	3316	1.287444
1.78	66.00	388	

Reviewer: HVW2, 14-Aug-2023 20:21:13 -04:00:00 (UTC)

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

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-922541/3	V41113.D
Level 2	STD1 460-922541/5	V41115.D
Level 3	STD5 460-922541/6	V41116.D
Level 4	STD20 460-922541/7	V41117.D
Level 5	STD50 460-922541/8	V41118.D
Level 6	STD200 460-922541/9	V41119.D
Level 7	STD500 460-922541/10	V41120.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1537	0.2085 0.1628	0.1968	0.1320	0.1261	QuaF		0.1442	0.0000374						1.0000		0.9900
Dichlorodifluoromethane	+++++ 0.5845	0.6361 0.5836	0.5462	0.5243	0.5104	Ave		0.5642			0.1000	8.2		20.0			
Chlorodifluoromethane	+++++ 0.0693	0.1213 0.0629	0.0947	0.0665	0.0631	QuaF		0.0722	-0.000019						1.0000		0.9900
Chloromethane	+++++ 0.6060	0.7274 0.5801	0.6515	0.5616	0.5804	Ave		0.6178			0.1000	10.0		20.0			
Vinyl chloride	+++++ 0.6717	0.8413 0.6170	0.7248	0.6293	0.6408	Ave		0.6875			0.1000	12.3		20.0			
Butadiene	0.7690 0.6213	0.7064 0.6056	0.7000	0.6168	0.5944	Ave		0.6591				10.0		20.0			
Bromomethane	+++++ 0.2745	0.3020 0.2131	0.2216	0.2071	0.1777	Ave		0.2327			0.1000	19.9		20.0			
Chloroethane	+++++ 0.3748	0.5137 0.3078	0.3653	0.3601	0.3311	Ave		0.3755			0.1000	19.2		20.0			
Dichlorofluoromethane	+++++ 0.7766	0.9517 0.7156	0.7619	0.7458	0.7442	Ave		0.7826				10.9		20.0			
Trichlorofluoromethane	+++++ 0.5993	0.6995 0.5477	0.6754	0.5755	0.5548	Ave		0.6087			0.1000	10.5		20.0			
Pentane	+++++ 0.0931	0.1024 0.0886	0.0898	0.0860	0.0865	Ave		0.0911				6.7		20.0			
Ethanol	+++++ 0.6824	0.9095 0.6289	0.8336	0.7698	0.8522	Ave		0.7794				13.7		20.0			
Ethyl ether	+++++ 0.3424	0.3444 0.3257	0.3546	0.3084	0.3220	Ave		0.3329				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.4357	0.5305 0.4248	0.4700	0.3845	0.3978	Ave		0.4406				12.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.4060	0.4676 0.2948	0.4324	0.3790	0.3669	Ave		0.3911				15.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.7660	0.8164 0.7096	0.8578	0.7115	0.6924	Ave		0.7590				8.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4392	0.5368 0.4413	0.4784	0.4181	0.4160	Ave		0.4550			0.1000	10.1		20.0			
Acrolein	+++++ 0.1064	0.0898 0.1044	0.0883	0.0908	0.0951	Ave		0.0958				8.1		20.0			
1,1-Dichloroethene	+++++ 0.4650	0.5454 0.4517	0.5052	0.4427	0.4385	Ave		0.4748			0.1000	8.9		20.0			
Acetone	+++++ 1.5587	1.8160 1.5831	1.5244	1.3264	1.3663	Ave		1.5292			0.0500	11.5		20.0			
Iodomethane	+++++ 0.3782	0.1742 0.3489	0.1771	0.1966	0.2609	QuaF		0.3748	-0.000050						0.9980		0.9900
Isopropyl alcohol	+++++ 7.6624	9.0008 7.2452	8.7202	7.8244	8.2109	Ave		8.1107				8.2		20.0			
Carbon disulfide	+++++ 1.6130	2.0680 1.5373	1.7536	1.5203	1.5332	Ave		1.6709			0.1000	12.8		20.0			
3-Chloro-1-propene	+++++ 0.3845	0.4180 0.4074	0.3721	0.3357	0.3475	Ave		0.3775				8.6		20.0			
Methyl acetate	+++++ 0.4226	0.3956 0.4088	0.3877	0.3627	0.3767	Ave		0.3923			0.1000	5.5		20.0			
Cyclopentene	+++++ 1.2143	1.2895 1.1861	1.2402	1.0775	1.1008	Ave		1.1847				6.9		20.0			
Acetonitrile	+++++ 0.7414	0.4812 0.6619	0.5490	0.5350	0.6029	Ave		0.5952				15.9		20.0			
Methylene Chloride	+++++ 0.5357	0.7010 0.5143	0.5387	0.4956	0.5051	Ave		0.5484			0.1000	14.0		20.0			
2-Methyl-2-propanol	+++++ 12.007	19.596 11.124	14.591	12.844	13.853	QuaF		12.798	-0.000336						1.0000		0.9900
Methyl tert-butyl ether	+++++ 1.5228	1.6328 1.4734	1.5161	1.3383	1.4111	Ave		1.4824			0.1000	6.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.5427	0.5986 0.5233	0.5870	0.5114	0.5054	Ave		0.5447			0.1000	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.2371 0.2384	0.2155 0.2286	0.2118	0.2030	0.2121	Ave		0.2209				6.2		20.0			
Hexane	+++++ 0.7099	0.6768 0.7038	0.7431	0.6451	0.6558	Ave		0.6891				5.3		20.0			
Isopropyl ether	+++++ 1.5960	1.4820 1.5531	1.4963	1.3652	1.4244	Ave		1.4862				5.6		20.0			
1,1-Dichloroethane	+++++ 0.9145	1.0847 0.8631	1.0005	0.8260	0.8555	Ave		0.9240			0.2000	10.8		20.0			
Vinyl acetate	+++++ 1.1791	0.9806 1.1590	0.9325	1.1011	1.2214	Ave		1.0956				10.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.5285	0.5559 0.5054	0.5171	0.4770	0.4832	Ave		0.5112				5.8		20.0			
Tert-butyl ethyl ether	+++++ 1.5587	1.6054 1.5053	1.4814	1.3398	1.3965	Ave		1.4812				6.7		20.0			
2,2-Dichloropropane	+++++ 0.1783	0.1958 0.1738	0.1820	0.1662	0.1681	Ave		0.1774				6.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.6041	0.6787 0.5588	0.6134	0.5419	0.5543	Ave		0.5919			0.1000	8.7		20.0			
Methyl Ethyl Ketone	+++++ 0.7754	0.8471 0.7235	0.8480	0.6838	0.7705	Ave		0.7747			0.0500	8.5		20.0			
Ethyl acetate	+++++ 0.6970	0.6783 0.6591	0.6635	0.6142	0.7023	Ave		0.6691				4.8		20.0			
Methyl acrylate	+++++ 0.5300	0.4132 0.5239	0.4001	0.3941	0.4437	Ave		0.4508				13.6		20.0			
Propionitrile	+++++ 0.0907	0.0852 0.0857	0.0780	0.0774	0.0798	Ave		0.0828				6.3		20.0			
Tetrahydrofuran	+++++ 0.0841	0.0910 0.0789	0.0721	0.0753	0.0777	Ave		0.0798				8.5		20.0			
Chlorobromomethane	+++++ 0.2295	0.2758 0.2017	0.2599	0.2188	0.2259	Ave		0.2352				11.7		20.0			
Methacrylonitrile	+++++ 0.2820	0.2687 0.2527	0.2510	0.2445	0.2535	Ave		0.2588				5.4		20.0			
Chloroform	+++++ 0.8142	0.9402 0.7780	0.8178	0.7378	0.7672	Ave		0.8092			0.2000	8.8		20.0			
Cyclohexane	+++++ 0.8473	0.8949 0.8405	0.9374	0.7893	0.7896	Ave		0.8499			0.1000	6.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.6269	0.7092 0.6102	0.6477	0.5626	0.5790	Ave		0.6226			0.1000	8.4		20.0			
Carbon tetrachloride	+++++ 0.4613	0.5433 0.4698	0.4655	0.3995	0.4235	Ave		0.4605			0.1000	10.7		20.0			
1,1-Dichloropropene	+++++ 0.7249	0.7650 0.7119	0.7635	0.6567	0.6674	Ave		0.7149				6.4		20.0			
Isobutyl alcohol	+++++ 8.1679	8.5612 7.3951	7.8201	7.7023	8.8061	Ave		8.0755				6.7		20.0			
Isooctane	+++++ 1.4110	1.1945 1.3721	1.3985	1.1874	1.2359	Ave		1.2999				8.1		20.0			
Benzene	+++++ 3.1875	3.5731 3.2764	3.4154	2.8654	2.9883	Ave		3.2177			0.5000	8.2		20.0			
Isopropyl acetate	+++++ 0.5076	0.4614 0.4754	0.4735	0.4244	0.4718	Ave		0.4690				5.7		20.0			
Tert-amyl methyl ether	+++++ 1.6694	1.7241 1.6565	1.4536	1.3907	1.5003	Ave		1.5658				8.6		20.0			
1,2-Dichloroethane	+++++ 0.5267	0.6356 0.4946	0.5786	0.4737	0.4857	Ave		0.5325			0.1000	11.8		20.0			
n-Heptane	+++++ 0.3159	0.2964 0.3083	0.3314	0.2643	0.2827	Ave		0.2999				8.0		20.0			
n-Butanol	+++++ 3.5092	+++++ 3.3908	1.2510	2.4921	3.1854	Ave		2.7657				33.8	*	20.0			
Trichloroethene	+++++ 0.5391	0.6420 0.5196	0.5533	0.4925	0.5069	Ave		0.5422			0.2000	9.9		20.0			
Methylcyclohexane	+++++ 0.9074	0.8624 0.8718	0.9408	0.8150	0.8338	Ave		0.8719			0.1000	5.3		20.0			
Ethyl acrylate	+++++ 0.0931	0.0624 0.0872	0.0775	0.0794	0.0832	Ave		0.0805				13.0		20.0			
1,2-Dichloropropane	+++++ 0.5583	0.5829 0.5309	0.5314	0.4995	0.5215	Ave		0.5374			0.1000	5.4		20.0			
Methyl methacrylate	+++++ 0.1818	0.1539 0.1674	0.1499	0.1455	0.1572	Ave		0.1593				8.4		20.0			
1,4-Dioxane	+++++ 2.0543	2.6875 1.6117	2.5730	2.2577	2.3211	Ave		2.2509				17.2		20.0			
Dibromomethane	+++++ 0.3048	0.3569 0.2867	0.3102	0.2714	0.2804	Ave		0.3017				10.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.7958	0.7671 0.7597	0.6047	0.6430	0.6855	Ave		0.7093				10.8		20.0			
Bromodichloromethane	+++++ 0.6089	0.6853 0.5824	0.5400	0.5247	0.5554	Ave		0.5828			0.2000	10.0		20.0			
2-Nitropropane	+++++ 0.0874	0.1049 0.0867	0.0702	0.0664	0.0708	Ave		0.0811				18.1		20.0			
2-Chloroethyl vinyl ether	+++++ 0.3909	0.3483 0.3586	0.3352	0.3145	0.3551	Ave		0.3504				7.3		20.0			
Epichlorohydrin	0.5331 0.6606	0.7558 0.6038	0.7025	0.6264	0.6809	Ave		0.6519				11.1		20.0			
cis-1,3-Dichloropropene	+++++ 1.2149	1.2373 1.2121	1.1757	1.0315	1.1059	Ave		1.1629			0.2000	6.8		20.0			
methyl isobutyl ketone	+++++ 4.9375	5.3252 4.5299	5.2044	4.5096	4.9498	Ave		4.9094			0.0500	6.9		20.0			
Toluene	+++++ 3.3240	3.7089 3.3408	3.4950	2.9472	3.1084	Ave		3.3207			0.4000	8.1		20.0			
trans-1,3-Dichloropropene	+++++ 1.0416	0.9855 1.0268	0.9251	0.8607	0.9505	Ave		0.9651			0.1000	7.0		20.0			
Ethyl methacrylate	+++++ 0.9990	0.6476 1.0048	0.8179	0.7960	0.9068	Ave		0.8620				15.9		20.0			
1,1,2-Trichloroethane	+++++ 0.5748	0.5678 0.5616	0.5813	0.5070	0.5428	Ave		0.5559			0.1000	4.9		20.0			
Tetrachloroethene	+++++ 0.5664	0.6532 0.5525	0.6043	0.5294	0.5369	Ave		0.5738			0.2000	8.2		20.0			
1,3-Dichloropropane	+++++ 1.1465	1.2682 1.1087	1.1587	1.0208	1.0794	Ave		1.1304				7.4		20.0			
2-Hexanone	+++++ 3.3744	3.3740 3.0984	3.3080	2.9809	3.3357	Ave		3.2452			0.0500	5.1		20.0			
n-Butyl acetate	+++++ 1.0496	0.9713 1.0430	0.8509	0.8297	0.9259	Ave		0.9451				9.9		20.0			
Dibromochloromethane	+++++ 0.5444	0.5309 0.5389	0.4772	0.4284	0.4858	Ave		0.5009			0.1000	9.1		20.0			
Ethylene Dibromide	+++++ 0.6407	0.6239 0.6157	0.6444	0.5547	0.6031	Ave		0.6138			0.1000	5.3		20.0			
Chlorobenzene	+++++ 1.8628	2.0921 1.8186	1.9312	1.6958	1.7750	Ave		1.8626			0.5000	7.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 1.0674	1.1386 1.0383	1.0581	0.9640	1.0099	Ave		1.0461			0.1000	5.6		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.5238	0.4935 0.5067	0.5364	0.4355	0.4807	Ave		0.4961				7.2		20.0			
m-Xylene & p-Xylene	+++++ 1.3055	1.3051 1.2880	1.4230	1.1761	1.2579	Ave		1.2926			0.1000	6.2		20.0			
o-Xylene	+++++ 1.2569	1.3733 1.2070	1.3265	1.1349	1.2242	Ave		1.2538			0.3000	6.8		20.0			
n-Butyl acrylate	+++++ 0.5969	0.3966 0.5943	0.4251	0.4359	0.5231	Ave		0.4953				17.8		20.0			
Styrene	+++++ 2.1214	1.7920 2.0963	1.9160	1.8764	2.0583	Ave		1.9767			0.3000	6.8		20.0			
Amyl acetate (mixed isomers)	+++++ 2.6420	2.2334 2.5925	2.2550	2.0921	2.4448	Ave		2.3766				9.2		20.0			
Bromoform	+++++ 0.3033	0.2024 0.3086	0.2378	0.2246	0.2701	Ave		0.2578			0.1000	16.8		20.0			
Isopropylbenzene	+++++ 3.0049	3.3998 2.9367	3.1772	2.7665	2.9193	Ave		3.0341			0.1000	7.4		20.0			
Bromobenzene	+++++ 1.3848	1.5257 1.3286	1.5647	1.2784	1.4255	Ave		1.4180				7.8		20.0			
1,1,2,2-Tetrachloroethane	+++++ 2.0719	2.2653 1.9759	2.0198	1.9069	2.0451	Ave		2.0475			0.3000	5.9		20.0			
N-Propylbenzene	+++++ 8.7095	8.9361 7.9879	9.2514	7.8440	8.6774	Ave		8.5677				6.4		20.0			
1,2,3-Trichloropropane	+++++ 0.5220	0.5454 0.4946	0.5785	0.4768	0.5194	Ave		0.5228				6.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.5014	0.6073 0.5012	0.3787	0.3970	0.4724	Ave		0.4763				17.4		20.0			
2-Chlorotoluene	+++++ 5.5495	5.8812 5.4730	5.9152	5.0645	5.4759	Ave		5.5599				5.6		20.0			
4-Ethyltoluene	+++++ 7.0581	6.9970 6.6291	7.2929	6.1892	6.8392	Ave		6.8342				5.6		20.0			
1,3,5-Trimethylbenzene	+++++ 5.5137	6.2581 5.4516	5.9258	4.7546	5.5462	Ave		5.5750				9.1		20.0			
4-Chlorotoluene	+++++ 5.2884	5.8397 5.0555	5.7324	4.7159	5.3242	Ave		5.3260				7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 2.2746	1.5151 2.2981	1.5780	1.5637	1.9986	Ave		1.8713				19.5		20.0			
tert-Butylbenzene	+++++ 4.3669	5.3381 4.3077	4.9351	3.9701	4.3992	Ave		4.5528				10.9		20.0			
1,2,4-Trimethylbenzene	+++++ 5.7143	5.7781 5.6030	5.7169	4.8611	5.5756	Ave		5.5415				6.2		20.0			
sec-Butylbenzene	+++++ 6.8470	7.2831 6.7249	7.3269	6.1791	6.8555	Ave		6.8694				6.1		20.0			
4-Isopropyltoluene	+++++ 5.4436	4.9914 5.2832	5.6241	4.8091	5.4371	Ave		5.2647				5.8		20.0			
1,3-Dichlorobenzene	+++++ 2.6626	2.9477 2.4948	3.0131	2.4343	2.7061	Ave		2.7098			0.6000	8.6		20.0			
1,4-Dichlorobenzene	+++++ 2.7207	3.0711 2.6135	3.0663	2.4875	2.7923	Ave		2.7919			0.5000	8.5		20.0			
1,2,3-Trimethylbenzene	+++++ 5.9249	5.1873 5.6672	5.5604	4.9981	5.6398	Ave		5.4963				6.2		20.0			
Benzyl chloride	+++++ 3.9189	2.6119 3.9645	2.7705	2.9259	3.5408	Ave		3.2888				18.1		20.0			
Indan	+++++ 5.6999	6.2512 5.4353	5.9647	5.0267	5.7020	Ave		5.6800				7.4		20.0			
p-Diethylbenzene	+++++ 3.3618	2.9924 3.2331	3.0641	2.7725	3.2421	Ave		3.1110				6.8		20.0			
n-Butylbenzene	+++++ 2.8810	2.3157 2.8474	2.4919	2.3505	2.7649	Ave		2.6086				9.7		20.0			
1,2-Dichlorobenzene	+++++ 2.5412	2.7311 2.4699	2.7001	2.3143	2.5967	Ave		2.5589			0.4000	6.0		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 4.4385	2.7044 4.5043	2.9644	2.8754	3.6814	Qua2	-0.646	3.2904	0.0028999						0.9900		0.9900
1,2-Dibromo-3-Chloropropane	+++++ 0.3289	0.3703 0.3241	0.3399	0.2524	0.3024	Ave		0.3197			0.0500	12.4		20.0			
1,3,5-Trichlorobenzene	+++++ 1.4622	1.4348 1.3659	1.3125	1.1710	1.4031	Ave		1.3583				7.8		20.0			
1,2,4-Trichlorobenzene	+++++ 1.3139	1.0030 1.2398	1.0751	1.0278	1.2170	Ave		1.1461			0.2000	11.1		20.0			
Hexachlorobutadiene	+++++ 0.4315	0.5207 0.3977	0.4886	0.3448	0.4117	Ave		0.4325				14.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Ethylhexyl acrylate	+++++ 0.8133	1.0375 1.1799	0.7833	0.4119	0.5049	QuaF		0.5480	0.0012651						1.0000		0.9900
Naphthalene	+++++ 4.5497	2.7828 4.7981	2.6929	2.7373	3.5269	QuaF		4.2201	0.0011666						0.9990		0.9900
1,2,3-Trichlorobenzene	+++++ 1.1785	1.0797 1.1324	1.0121	0.9773	1.1199	Ave		1.0833				7.0		20.0			
Dibromofluoromethane (Surr)	0.2609 0.2563	0.2320 0.2325	0.2574	0.2304	0.2303	Ave		0.2428				6.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2588 0.2640	0.2223 0.2425	0.2570	0.2240	0.2193	Ave		0.2411				8.0		20.0			
Toluene-d8 (Surr)	1.7507 1.7956	1.5700 1.6500	1.7841	1.5873	1.6199	Ave		1.6797				5.7		20.0			
4-Bromofluorobenzene	0.3451 0.3483	0.3060 0.3187	0.3606	0.3240	0.3144	Ave		0.3310				6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-922541/3	V41113.D
Level 2	STD1 460-922541/5	V41115.D
Level 3	STD5 460-922541/6	V41116.D
Level 4	STD20 460-922541/7	V41117.D
Level 5	STD50 460-922541/8	V41118.D
Level 6	STD200 460-922541/9	V41119.D
Level 7	STD500 460-922541/10	V41120.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 310824	2067 930308	9017	27217	66189	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1182282	6305 3335672	25031	108109	267968	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	QuaF	+++++ 140162	1202 359358	4341	13716	33110	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1225730	7210 3315379	29857	115804	304705	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1358693	8339 3526630	33216	129756	336395	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1776 1256771	7002 3461372	32080	127192	312049	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 555238	2994 1218081	10154	42697	93282	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 758044	5092 1759361	16742	74249	173830	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1570799	9434 4090047	34914	153795	390685	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1212162	6934 3130465	30951	118664	291270	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 376784	2031 1012701	8228	35487	90826	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 226631	1061 608447	4514	20047	54590	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 692498	3414 1861298	16250	63593	169052	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	+++++ 881322	5259 2428156	21540	79296	208846	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 821263	4635 1684950	19814	78152	192635	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 1549478	8093 4055994	39310	146719	363497	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 888296	5321 2522279	21922	86206	218398	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	Ave	+++++ 215132	3562 477508	16186	37435	99878	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 940628	5406 2581954	23152	91291	230178	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 1631383	7778 4741617	29692	127869	329266	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	QuaF	+++++ 764978	1727 1993991	8114	40541	136941	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 636222	2625 1752331	11805	50943	131490	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 3262606	20499 8786201	80360	313489	804886	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 777686	4143 2328453	17050	69234	182425	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 1709594	7842 4673089	35530	149596	395499	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 2456141	12782 6779055	56835	222179	577867	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	+++++ 1551912	4122 3964999	21387	103153	290606	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 1083584	6949 2939632	24687	102189	265161	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	QuaF	+++++	5715	19753	83624	221848	+++++	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			996977	2690482				2000	5000			
Methyl tert-butyl ether	FB	Ave	+++++ 3080232	16185 8421229	69475	275964	740790	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 1097716	5934 2990672	26901	105447	265318	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	4381 4821202	21360 13067021	97071	418689	1113244	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 1435879	6709 4022755	34055	133014	344250	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 3228186	14690 8876906	68569	281512	747763	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1849740	10752 4932927	45847	170317	449083	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 493602	1680 1388533	7265	42462	117740	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 1068922	5510 2888535	23697	98351	253651	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 3152696	15914 8603309	67889	276277	733098	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 360563	1941 993176	8342	34270	88228	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 1221922	6728 3193927	28109	111750	290975	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 811553	3628 2166903	16518	65917	185678	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 291796	1162 789660	5169	23684	67703	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 1072114	4096 2994156	18334	81257	232924	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	FB	Ave	+++++ 1834143	8443 4896641	35763	159687	419067	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	FB	Ave	+++++ 340035	1805 901378	6608	31055	81622	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 464155	2734 1152584	11909	45109	118587	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++	26639	115043	504266	1330965	+++++	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			5704966	14442492				2000	5000			
Chloroform	FB	Ave	+++++ 1646828	9320 4446850	37477	152149	402729	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1713915	8871 4803906	42957	162764	414524	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1267981	7030 3487770	29681	116019	303942	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 933046	5386 2685007	21330	82382	222322	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 1466344	7583 4068826	34987	135408	350371	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 1695500	6242 4471467	26466	125370	352552	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 2854006	11841 7842229	64088	244854	648814	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 4828611	25971 13254207	112820	441834	1158999	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1026666	4574 2717249	21699	87516	247667	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 3376596	17090 9467524	66613	286770	787614	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 1065352	6300 2826740	26513	97686	254974	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 639026	2938 1762095	15189	54506	148431	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 728449	+++++ 2050260	4234	40564	127527	+++++ 5000	+++++ 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 1090339	6364 2969625	25355	101561	266110	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1835295	8549 4982612	43112	168056	437717	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 188359	619 498220	3551	16383	43651	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloropropane	FB	Ave	+++++ 1129336	5778 3034201	24352	102997	273793	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 735579	3051 1913482	13738	59991	165017	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 297761	4109 785425	6557	28024	72227	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 616496	3538 1638817	14215	55971	147178	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 1609558	7604 4341811	27711	132591	359849	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 1231703	6793 3328906	24746	108201	291582	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 353462	2079 991615	6438	27395	74310	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 792654	3461 2054654	15399	65002	186848	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	2089 2765350	12949 7233344	54734	241567	656363	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1840376	8993 4903318	38835	159055	428921	+++++ 200	1.00 500	5.00	20.0	50.0
methyl isobutyl ketone	BUT	Ave	+++++ 5167575	22808 13567333	101369	434743	1192866	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 5035482	26958 13514761	115447	454444	1205609	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1577884	7163 4153931	30559	132722	368653	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 1513312	4707 4064633	27018	122739	351709	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 870803	4127 2271993	19201	78177	210514	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	+++++ 858027	4748 2234918	19960	81627	208254	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 1736869	9218 4485059	38274	157404	418631	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 3531692	14451 9279936	64433	287372	803882	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 1590056	7060 4219330	28106	127935	359122	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 824757	3859 2179935	15762	66063	188412	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 970522	4535 2490783	21287	85535	233917	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 2821907	15206 7356944	63791	261476	688422	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 1616947	8276 4200475	34952	148638	391693	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 793521	3587 2049931	17718	67159	186443	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1977679	9486 5210257	47004	181354	487879	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1904021	9982 4882590	43819	174999	474802	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 904251	2883 2403981	14043	67217	202883	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++ 3213693	13025 8480235	63291	289333	798314	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1736981	6785 4609404	31111	140110	395338	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 459385	1471 1248488	7855	34637	104762	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 4552081	24711 11879879	104951	426581	1132239	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 910465	4635 2362159	21587	85617	230517	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 1362207	6882 3513125	27865	127709	330709	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 5726055	27148 14202269	127634	525328	1403184	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 343172	1657 879378	7981	31929	83987	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 329653	1845 891153	5224	26588	76397	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 3648523	17867 9730802	81607	339180	885486	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 4640387	21257 11786329	100614	414500	1105934	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 3625015	19012 9692866	81753	318423	896852	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	+++++ 3476837	17741 8988448	79085	315833	860962	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 1495412	4603 4085886	21770	104723	323192	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2871009	16217 7659005	68086	265885	711372	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 3756858	17554 9961895	78871	325558	901610	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 4501579	22126 11956672	101084	413824	1108575	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 3578889	15164 9393348	77591	322074	879209	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1750524	8955 4435727	41570	163030	437594	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1788703	9330 4646704	42303	166591	451526	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 3895345	15759 10076067	76713	334733	911985	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 2576509	7935 7048779	38222	195956	572575	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 3747418	18991 9663798	82290	336649	922049	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 2210234	9091 5748304	42273	185682	524275	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	+++++ 1894108	7035 5062563	34379	157421	447105	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1670691	8297 4391480	37251	154996	419908	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Qua2	+++++ 2918087	8216 8008590	40898	192570	595303	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 216233	1125 576261	4689	16904	48902	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 961319	4359 2428588	18108	78427	226884	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 863817	3047 2204260	14832	68837	196804	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 283683	1582 707097	6741	23093	66581	+++++ 200	1.00 500	5.00	20.0	50.0
2-Ethylhexyl acrylate	DCBd 4	QuaF	+++++ 534725	3152 2097817	10806	27588	81650	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	QuaF	+++++ 2991177	8454 8530928	37152	183325	570318	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 774805	3280 2013406	13963	65455	181088	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	120515 129596	114982 132865	117948	118775	120883	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	119546 133473	110189 138608	117795	115491	115138	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	612404	570583	589336	611873	628276	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-285954-1 Analy Batch No.: 922541

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/23/2023 15:58 Calibration End Date: 07/23/2023 18:27 Calibration ID: 93858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			680034	667481				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	120733 131922	111206 128925	119117	124916	121943	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 23-Jul-2023 15:58:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0163741-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:12:40 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: W9CM Date: 25-Jul-2023 11:30:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.471	1.471	0.000	84	1776	0.2500	0.2917	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	25592	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.580	2.568	0.012	27	1380	2.00	4.21	
35 Acrylonitrile	53	2.763	2.740	0.023	82	4381	2.00	2.15	M
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	195911	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	120515	50.0	53.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	93	119546	50.0	53.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	461928	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	89	27211	1000.0	1000.0	
80 Epichlorohydrin	57	5.872	5.849	0.023	58	2089	5.00	4.09	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	612404	50.0	52.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	84	349815	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	120733	50.0	52.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	145708	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

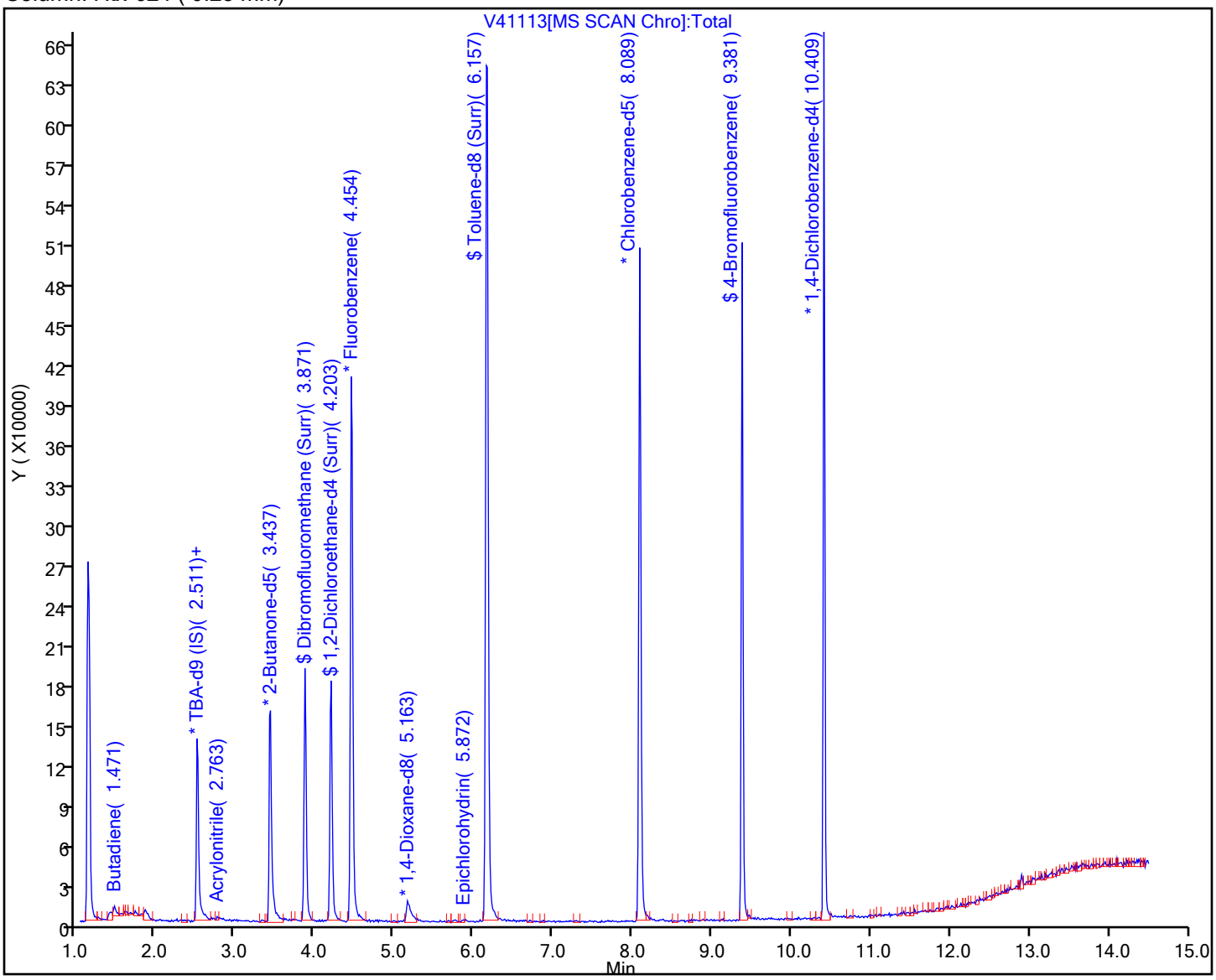
Reagents:

14DIOXINTER_00158	Amount Added:	0.00	Units: uL	
GASES Li_00539	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00173	Amount Added:	0.00	Units: uL	
524FREONS_00005	Amount Added:	0.00	Units: uL	
EthyhexAcr_Li_00001	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00114	Amount Added:	20.00	Units: uL	
Ethanol mix_00079	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00138	Amount Added:	0.00	Units: uL	
MIX I Hi_00165	Amount Added:	0.00	Units: uL	
GAS Hi_00447	Amount Added:	0.00	Units: uL	
7 Freons Hi_00004	Amount Added:	0.00	Units: uL	
EthyhexAcr_Hi_00001	Amount Added:	0.00	Units: uL	
VMTBA500_00036	Amount Added:	2.00	Units: uL	
ACROLEIN W_00157	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 25-Jul-2023 12:12:41 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

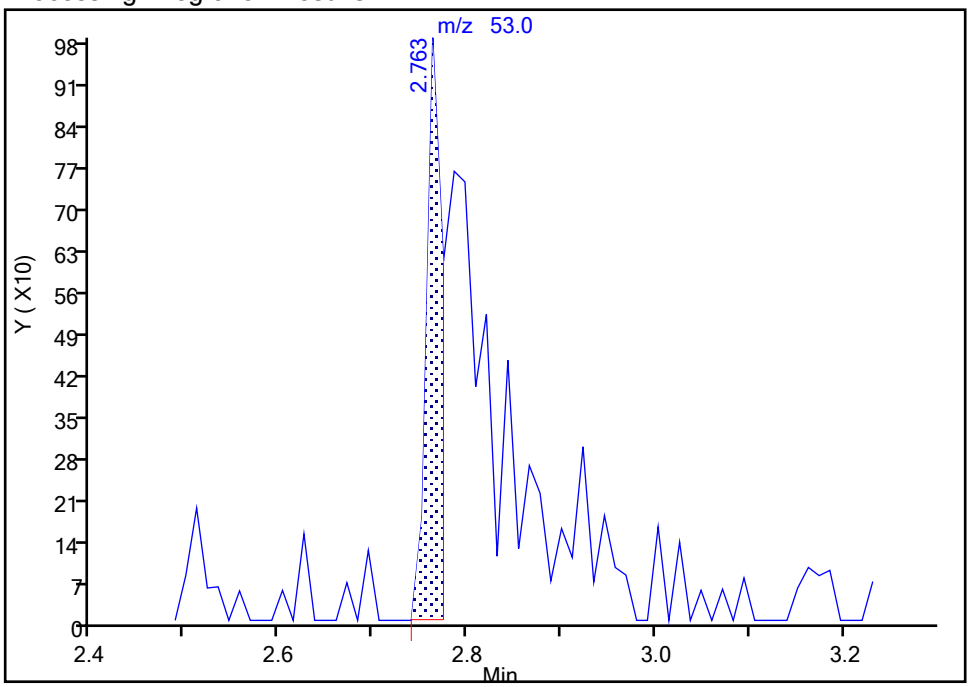
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

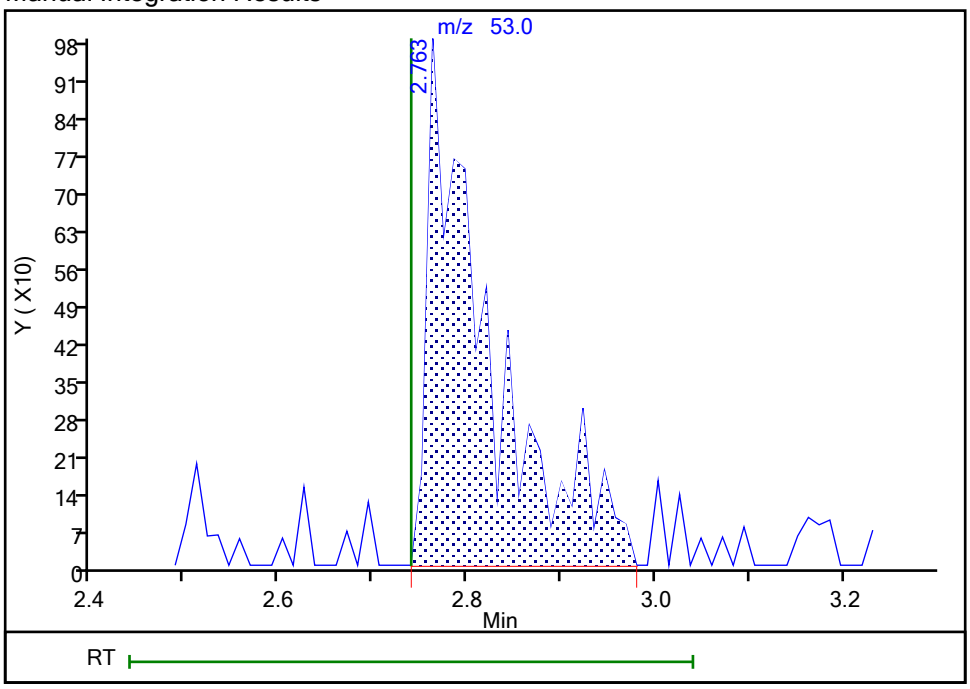
Processing Integration Results

RT: 2.76
Area: 1218
Amount: 0.744621
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 4381
Amount: 2.146438
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:28:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

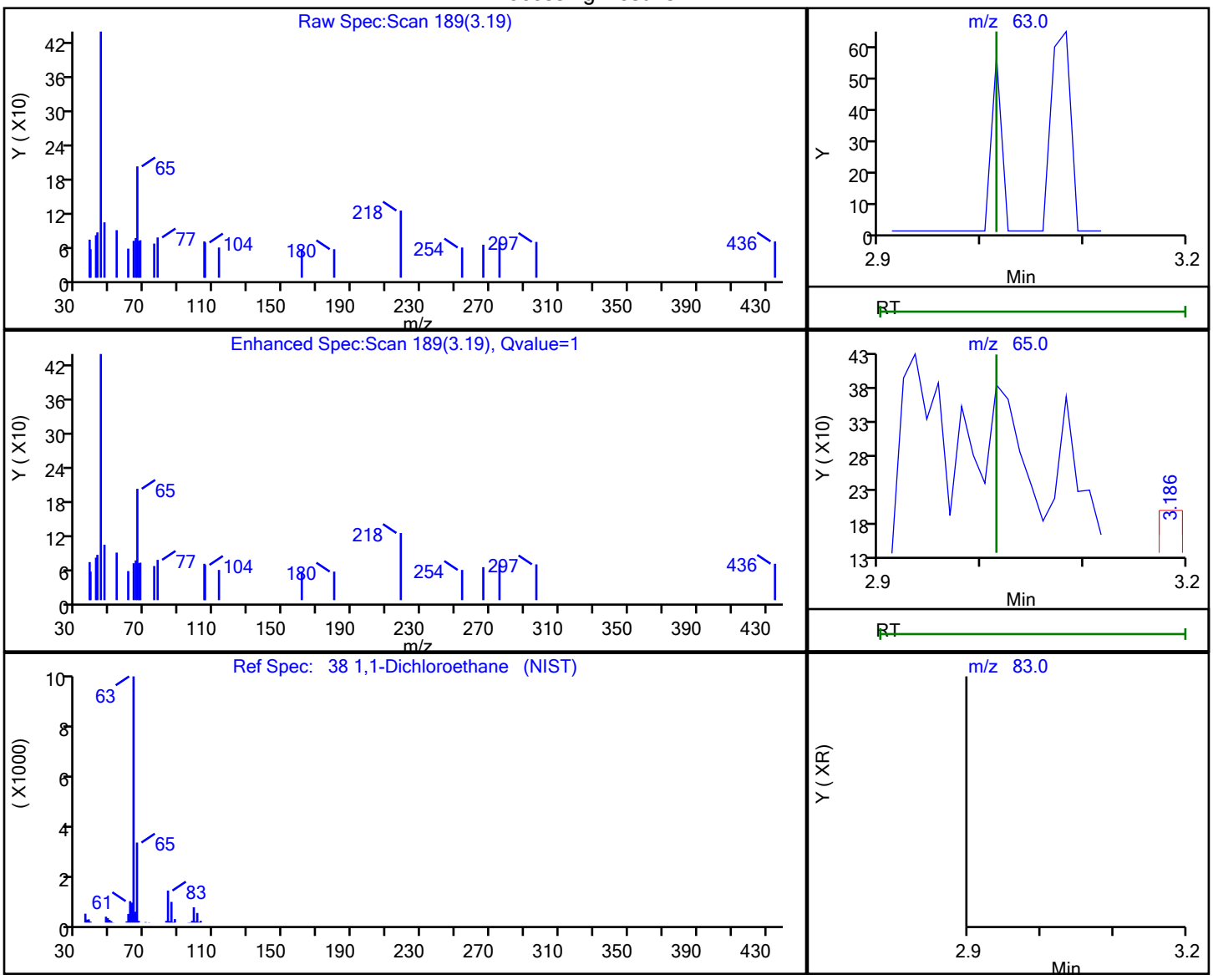
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.19	63.00	85	0.011539
3.19	65.00	227	
3.17	83.00	46	

Reviewer: HVW2, 23-Jul-2023 16:27:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

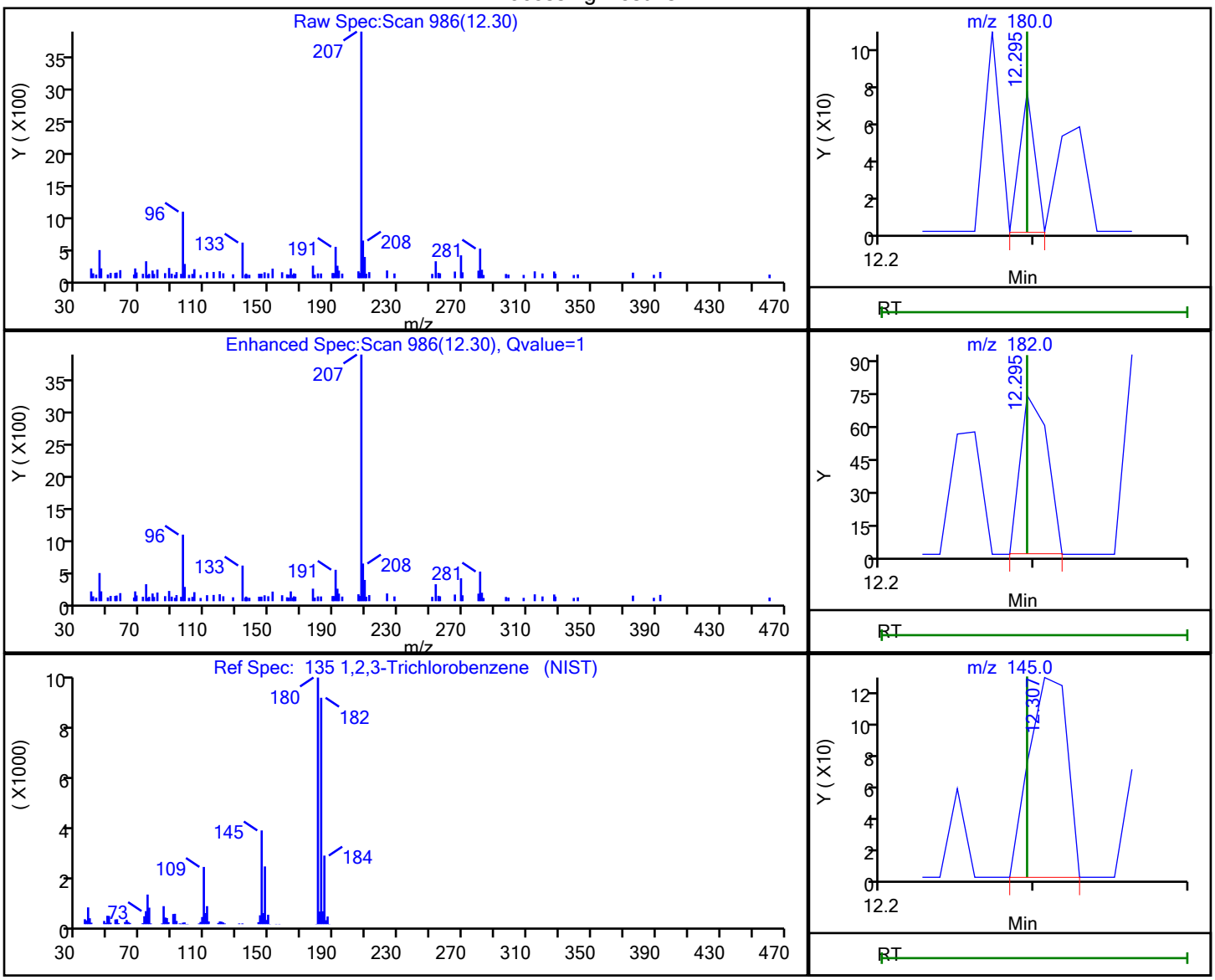
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.30	180.00	51	0.015056
12.30	182.00	92	
12.31	145.00	215	

Reviewer: HVW2, 23-Jul-2023 16:28:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

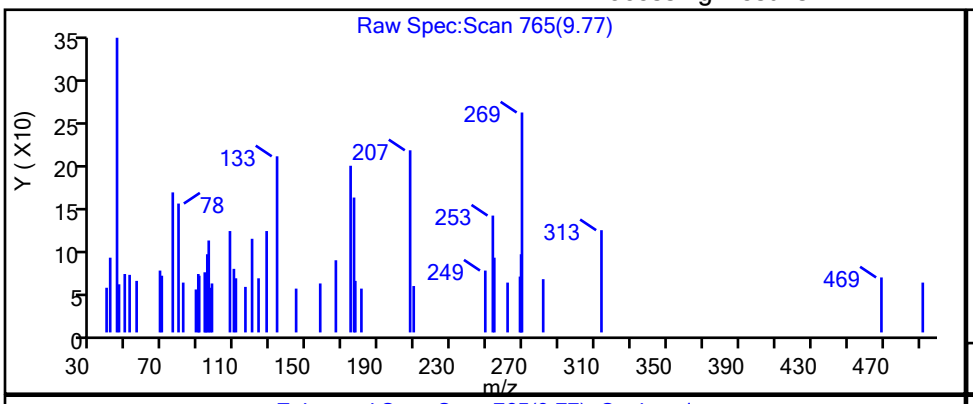
User Disabled Compound Report

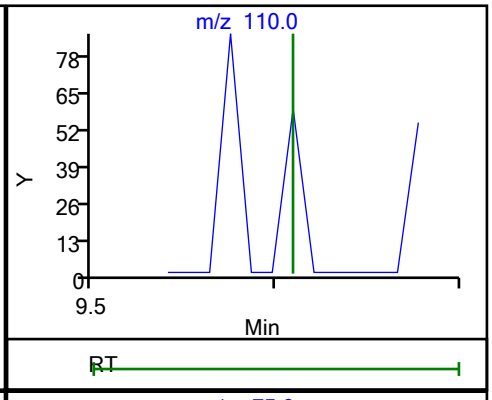
Eurofins Edison

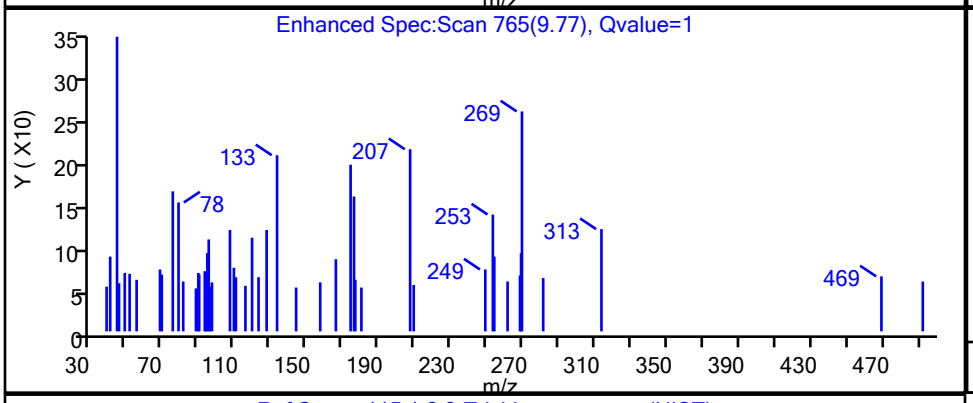
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

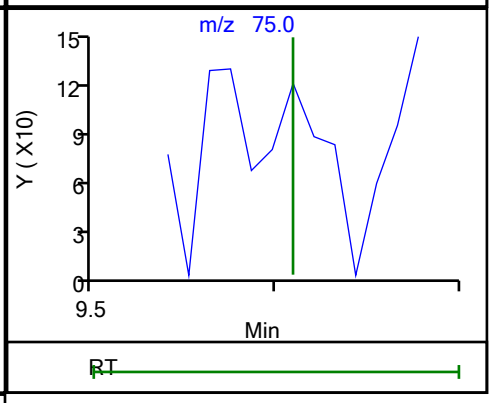
115 1,2,3-Trichloropropane, CAS: 96-18-4

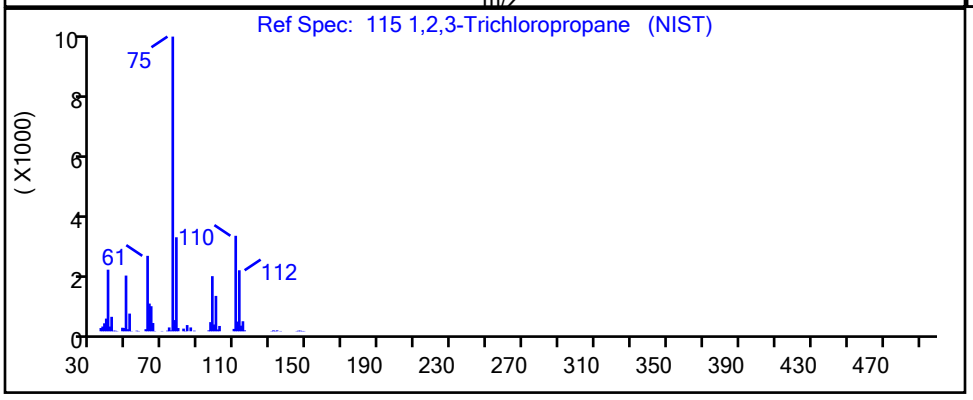
Processing Results











RT	Mass	Response	Amount
9.77	110.00	43	0.031042
9.77	75.00	368	

Reviewer: HVW2, 23-Jul-2023 16:27:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

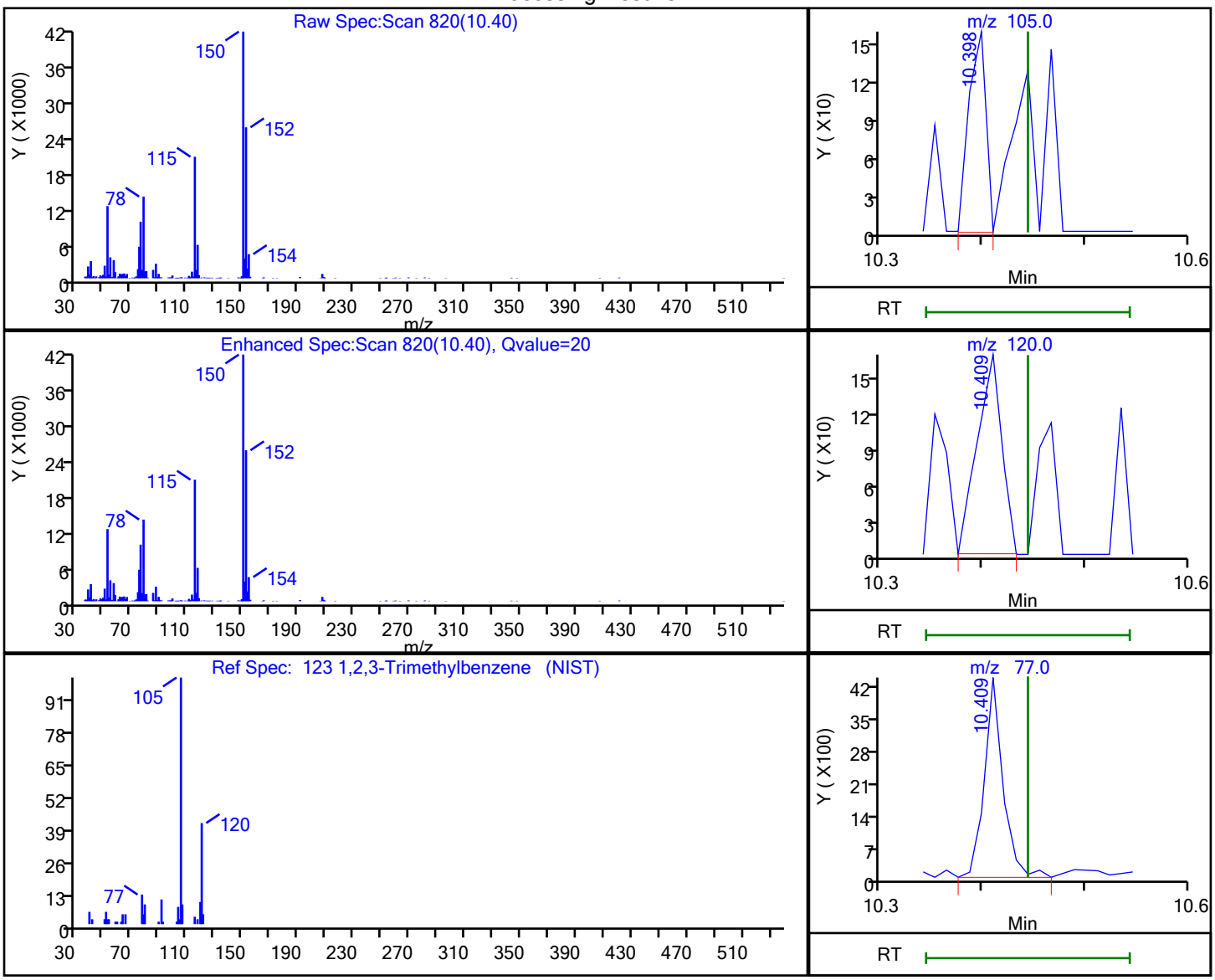
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.40	105.00	185	0.013494
10.41	120.00	272	
10.41	77.00	5541	

Reviewer: HVW2, 23-Jul-2023 16:28:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

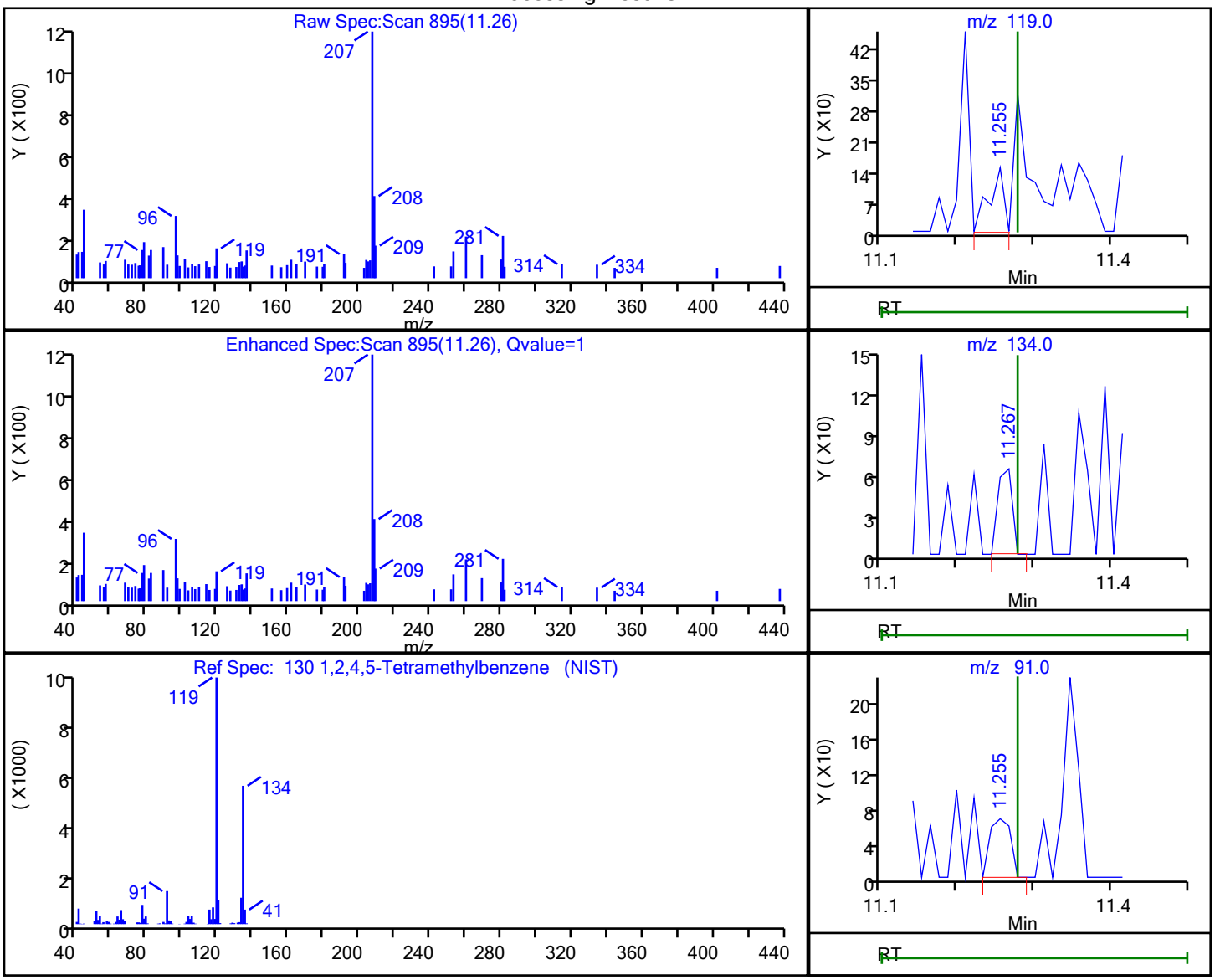
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.26	119.00	193	0.019813
11.27	134.00	81	
11.26	91.00	122	

Reviewer: HVW2, 23-Jul-2023 16:28:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

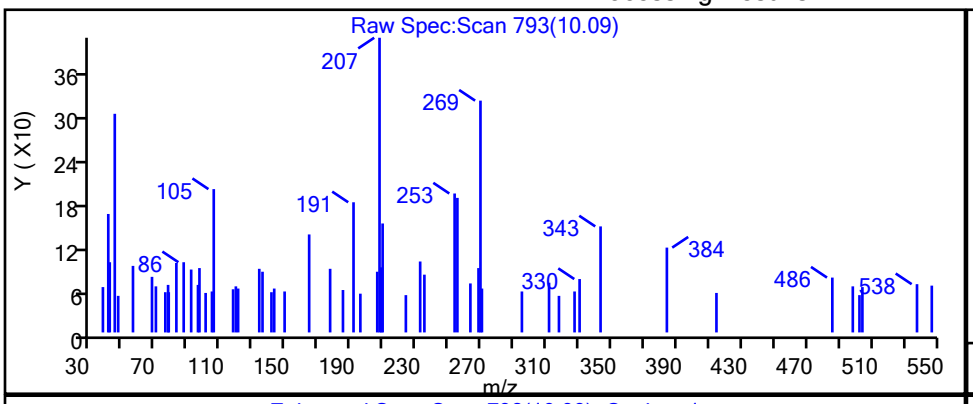
User Disabled Compound Report

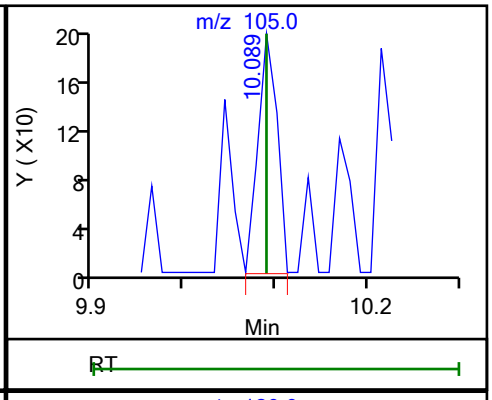
Eurofins Edison

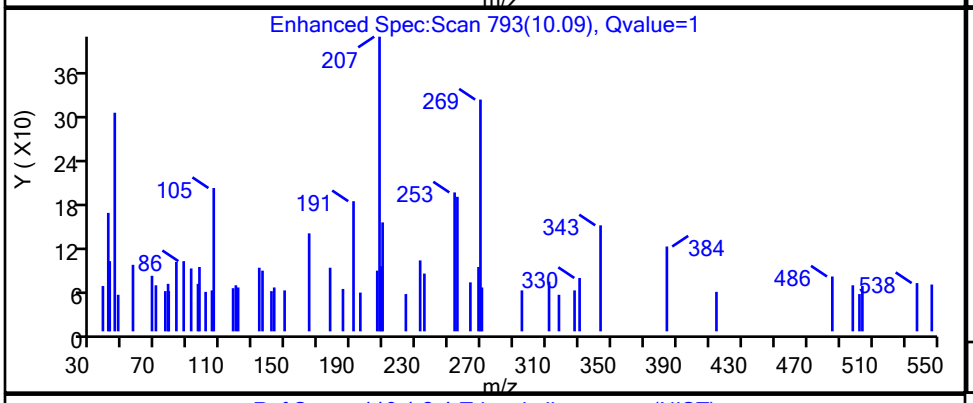
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

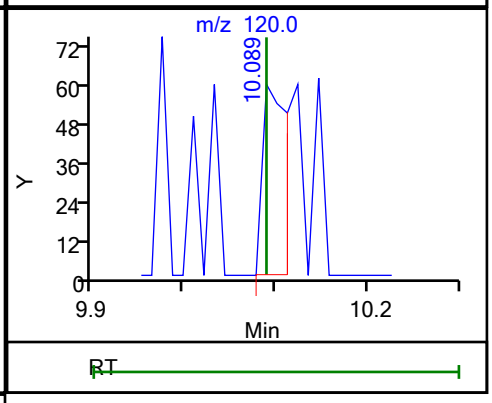
119 1,2,4-Trimethylbenzene, CAS: 95-63-6

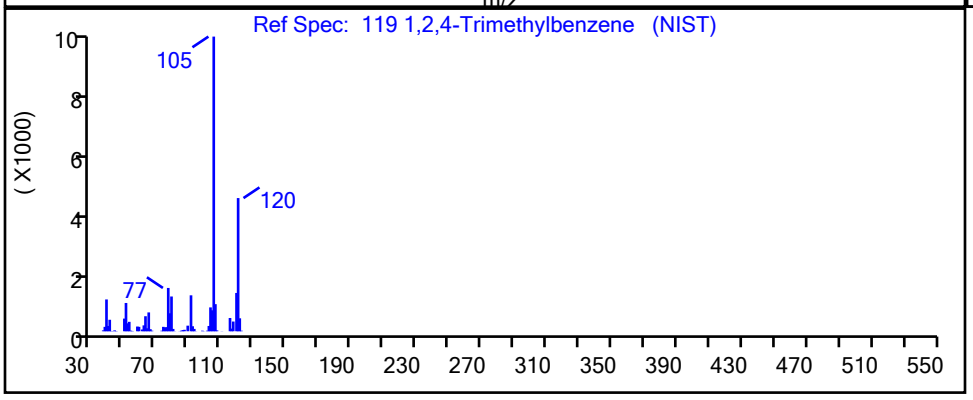
Processing Results











RT	Mass	Response	Amount
10.09	105.00	285	0.021092
10.09	120.00	113	

Reviewer: HVW2, 23-Jul-2023 16:27:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

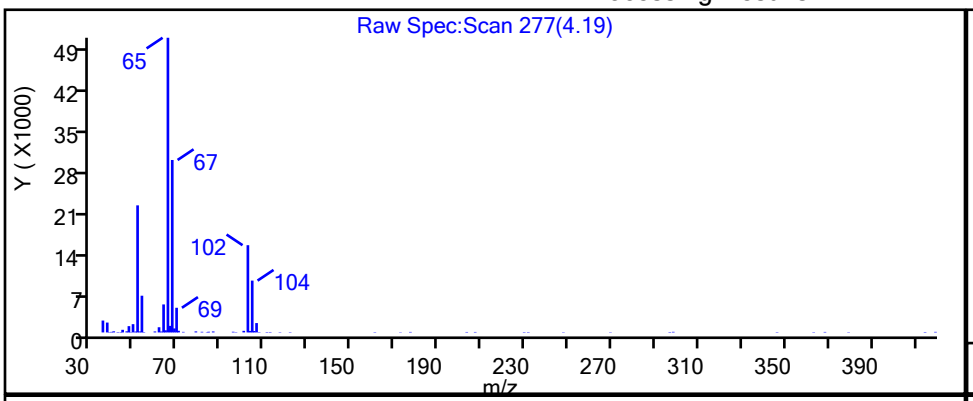
User Disabled Compound Report

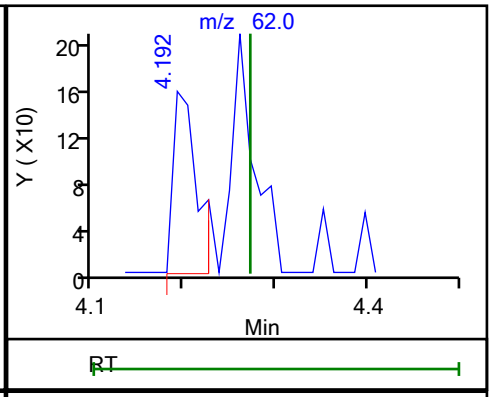
Eurofins Edison

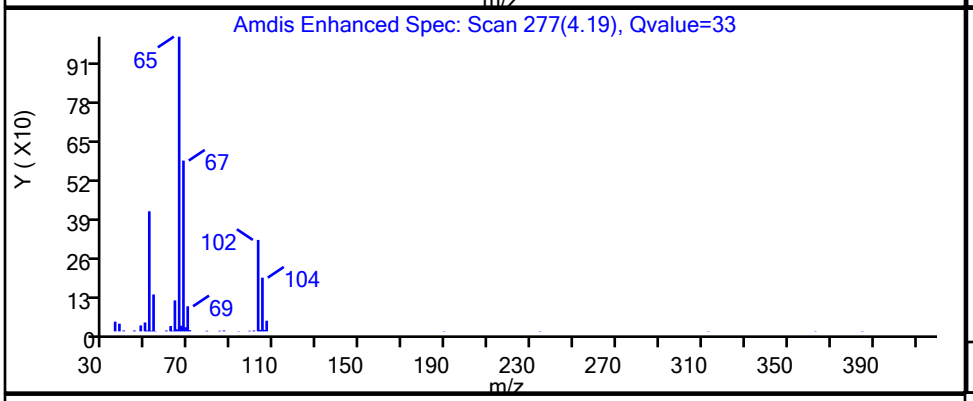
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

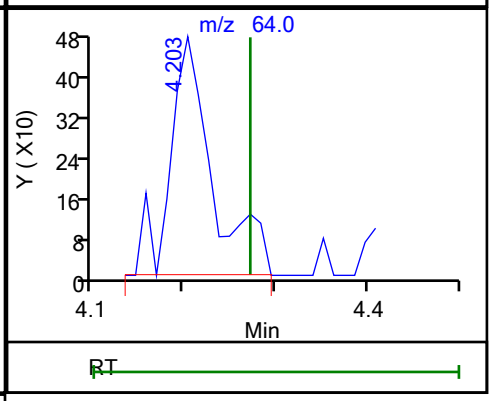
63 1,2-Dichloroethane, CAS: 107-06-2

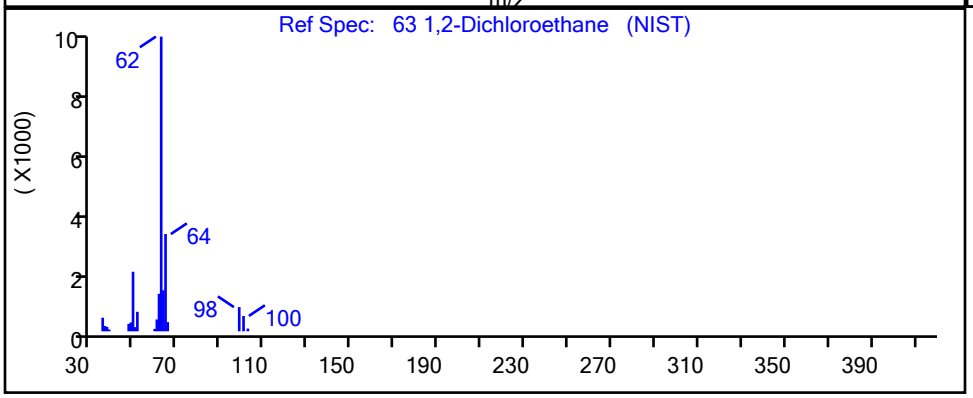
Processing Results











RT	Mass	Response	Amount
4.19	62.00	287	0.056143
4.20	64.00	1531	

Reviewer: HVW2, 23-Jul-2023 16:27:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

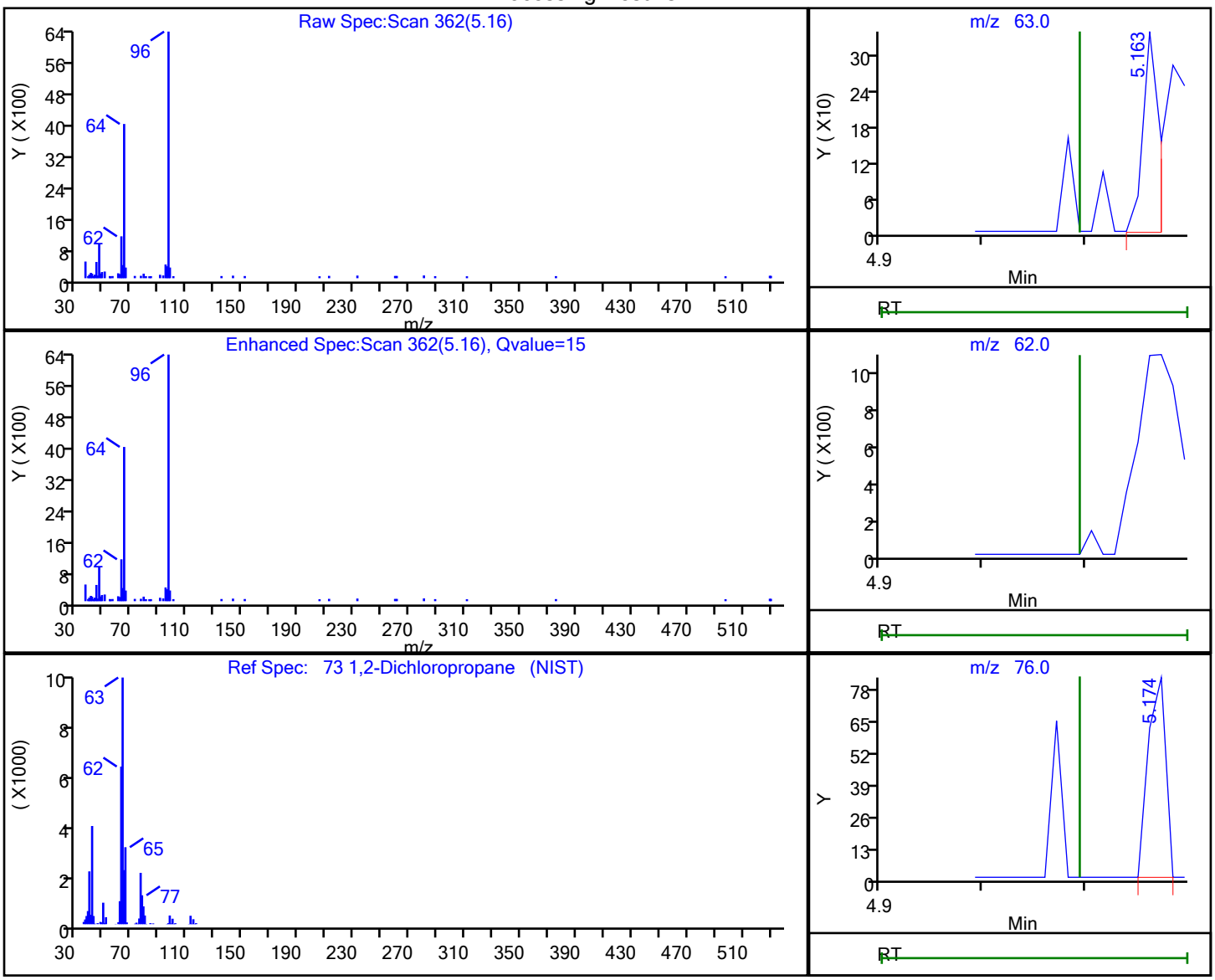
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.16	63.00	378	0.088873
5.17	62.00	3941	
5.17	76.00	99	
5.09	112.00	0	

Reviewer: HVW2, 23-Jul-2023 16:27:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

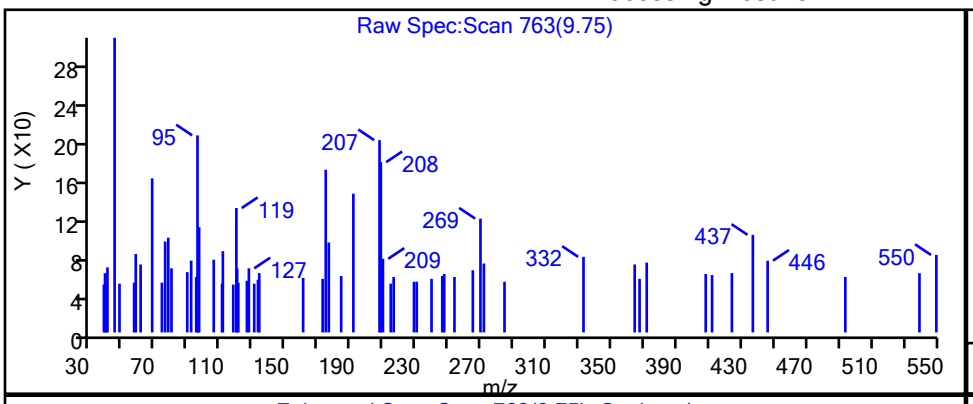
User Disabled Compound Report

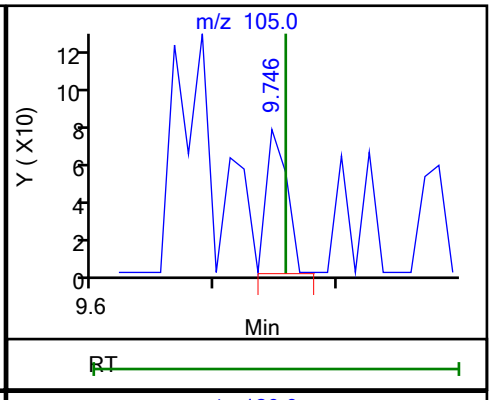
Eurofins Edison

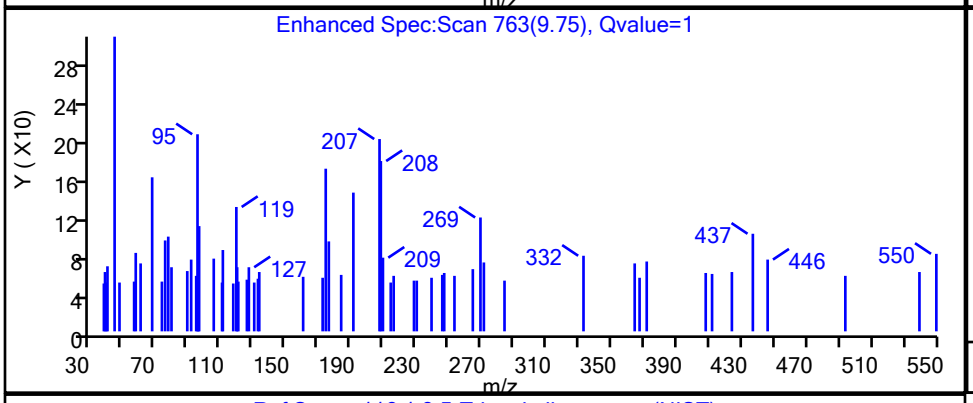
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

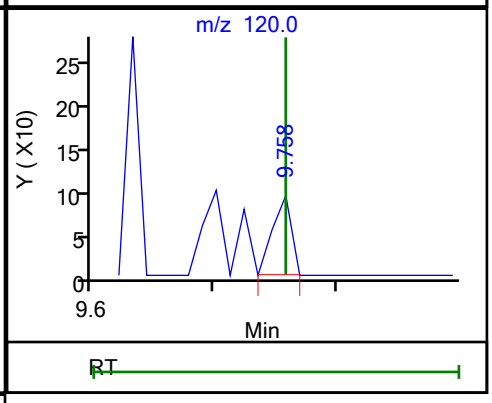
116 1,3,5-Trimethylbenzene, CAS: 108-67-8

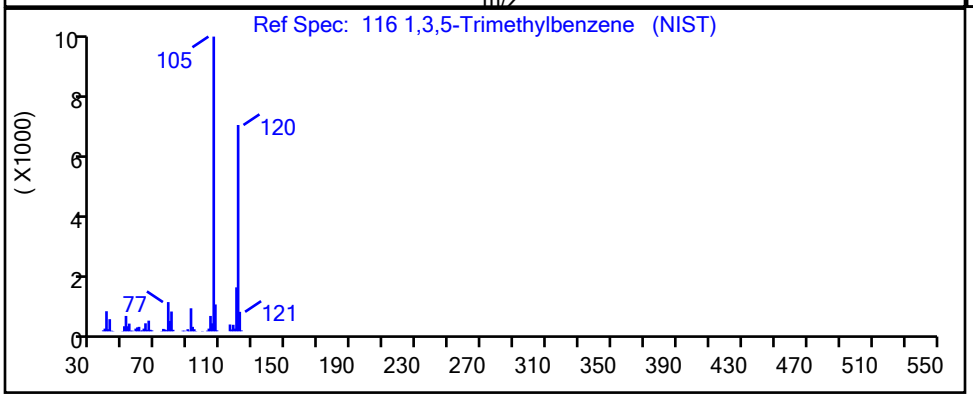
Processing Results











RT	Mass	Response	Amount
9.75	105.00	88	0.006628
9.76	120.00	99	

Reviewer: HVW2, 23-Jul-2023 16:27:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

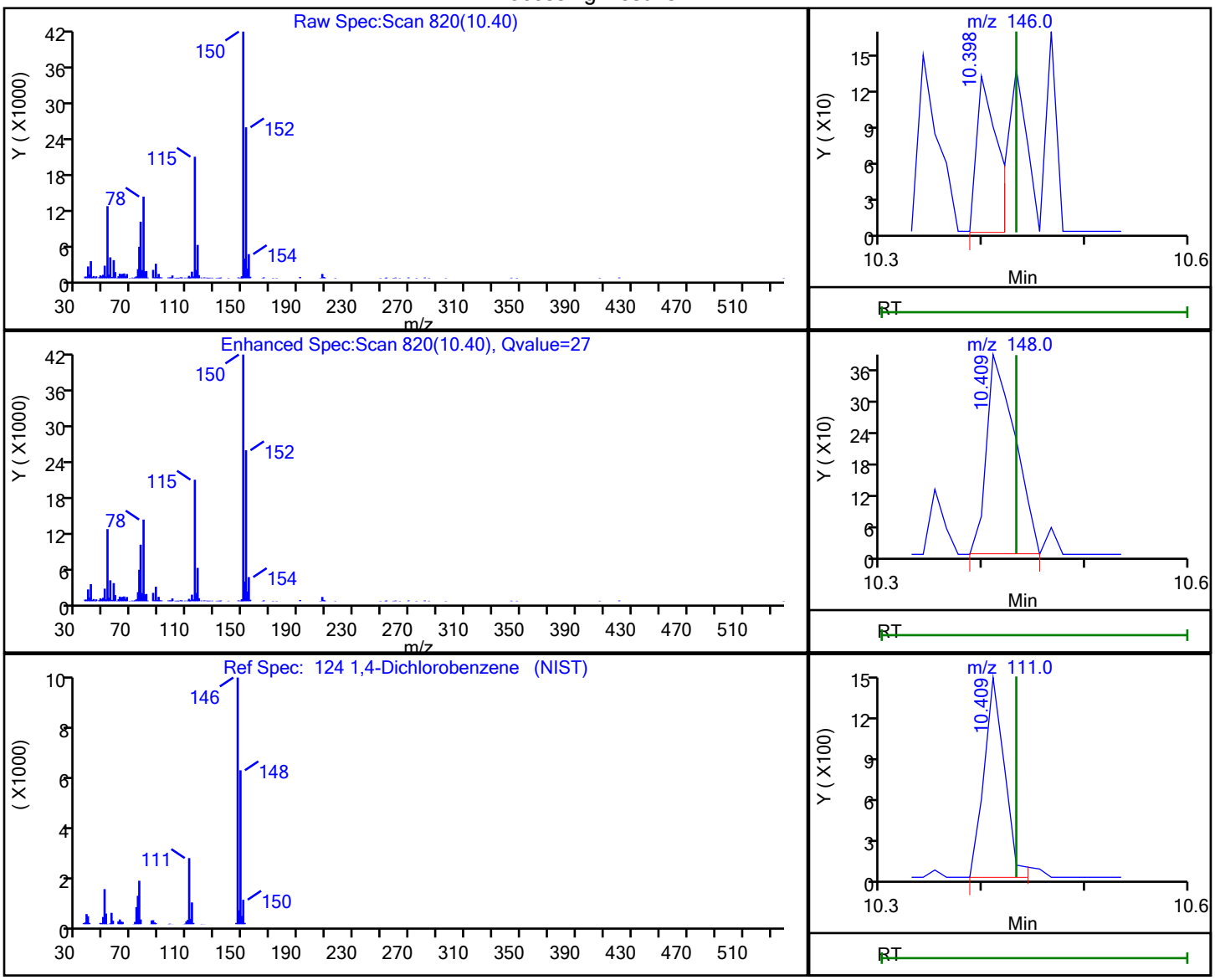
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.40	146.00	190	0.025168
10.41	148.00	753	
10.41	111.00	2003	

Reviewer: HVW2, 23-Jul-2023 16:27:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

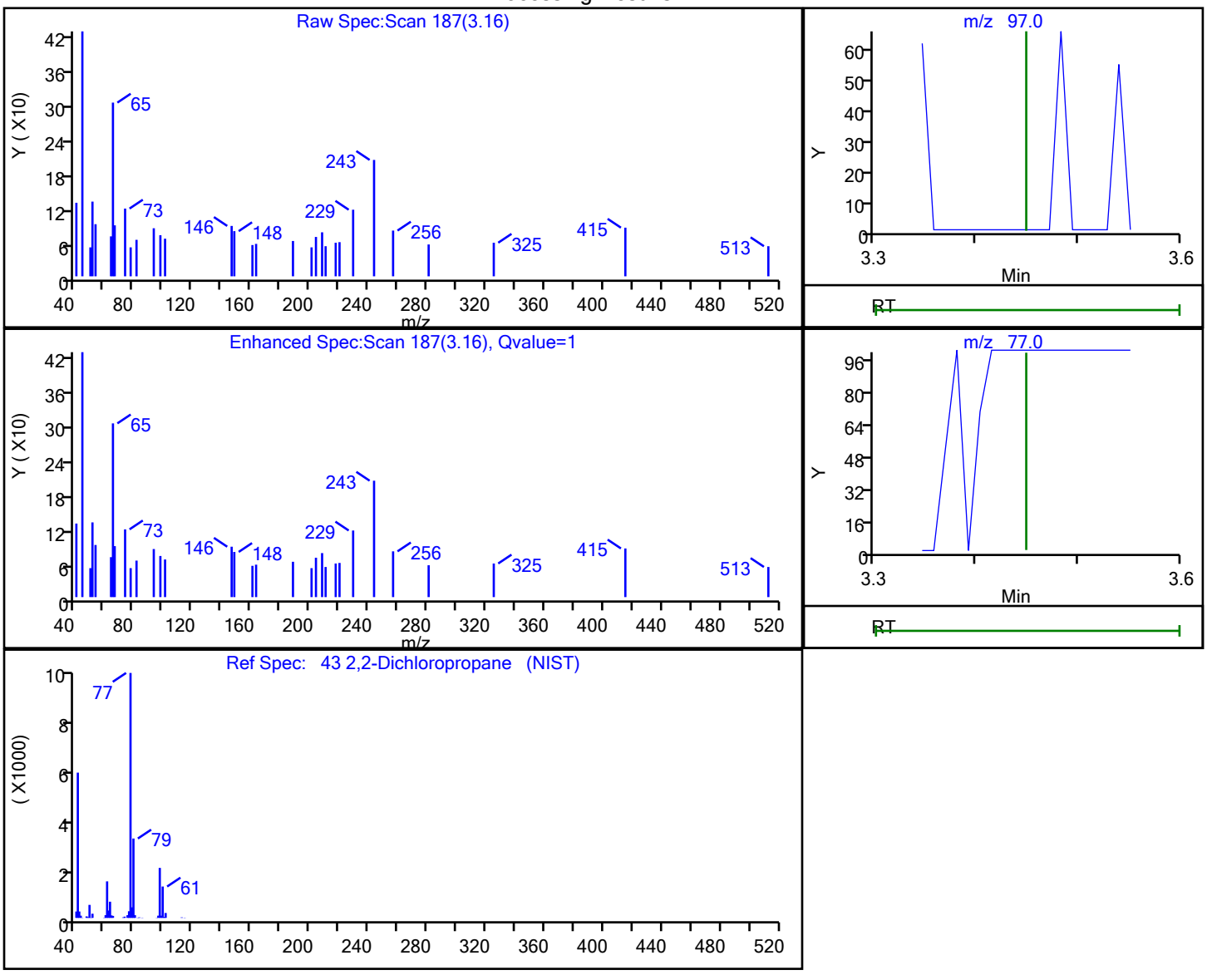
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.16	97.00	86	0.052448
3.16	77.00	34	

Reviewer: HVW2, 23-Jul-2023 16:27:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

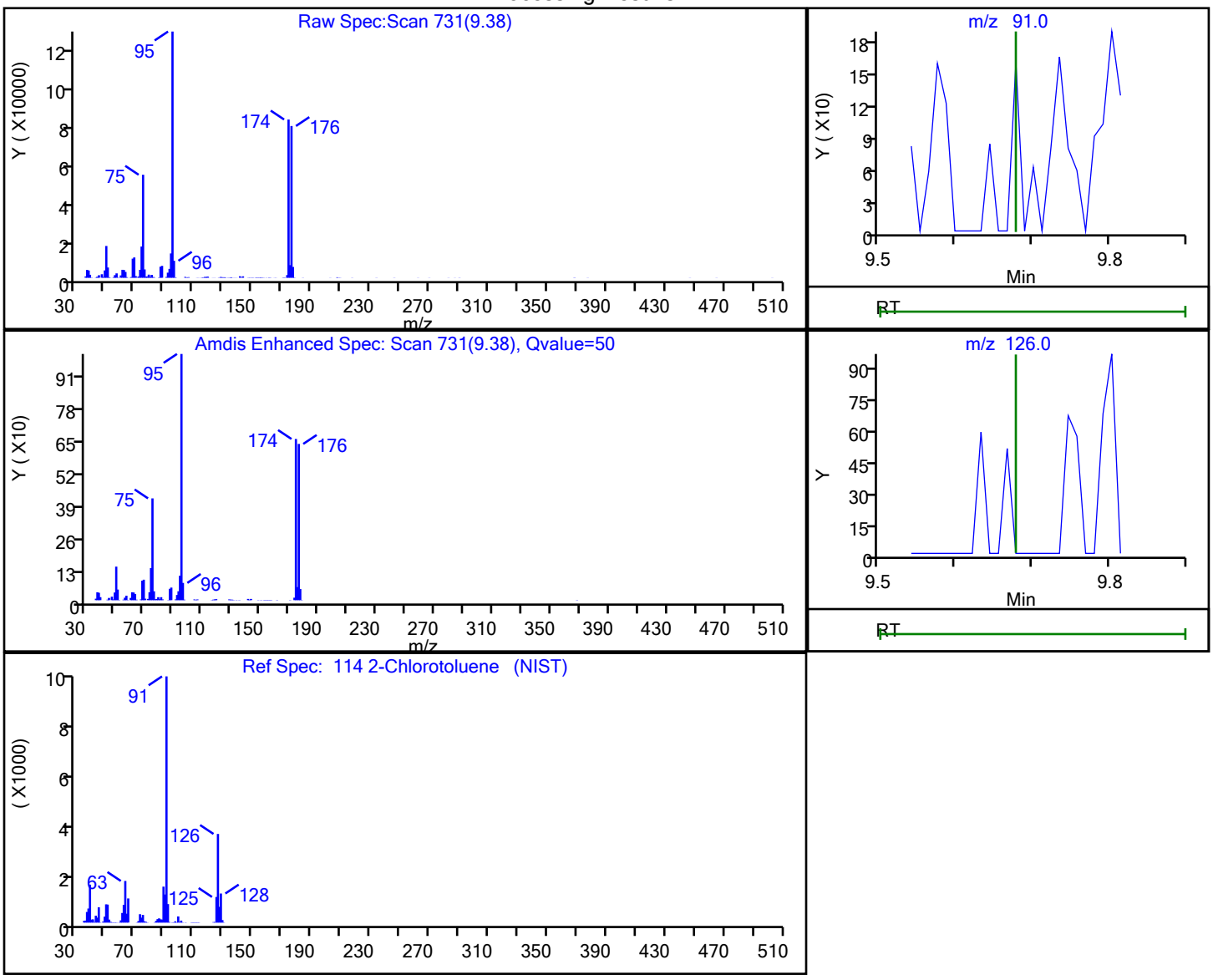
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

114 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.38	91.00	518	0.040106
9.40	126.00	86	

Reviewer: HVW2, 23-Jul-2023 16:27:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

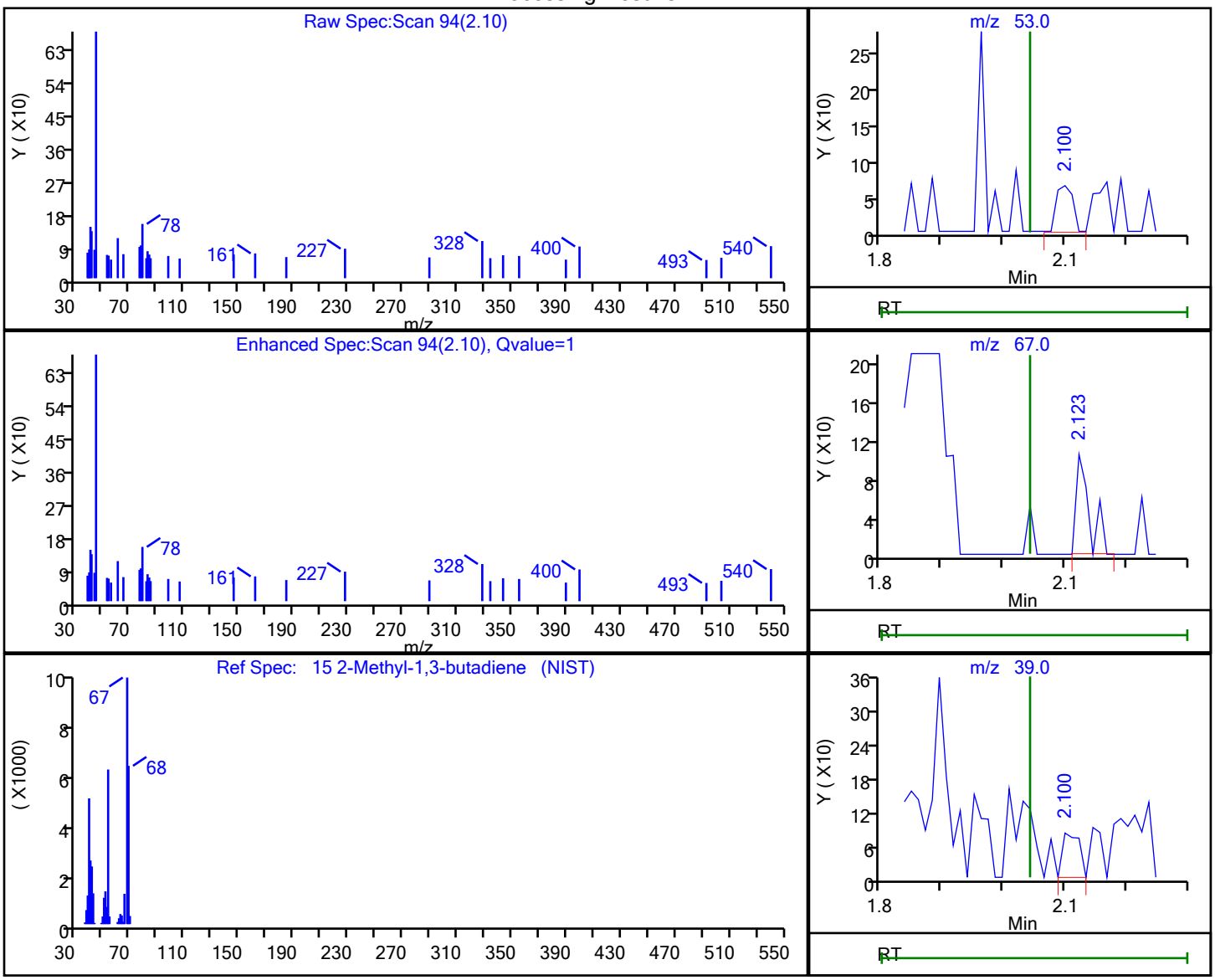
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.10	53.00	115	0.031282
2.12	67.00	160	
2.10	39.00	151	

Reviewer: HVW2, 23-Jul-2023 16:26:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

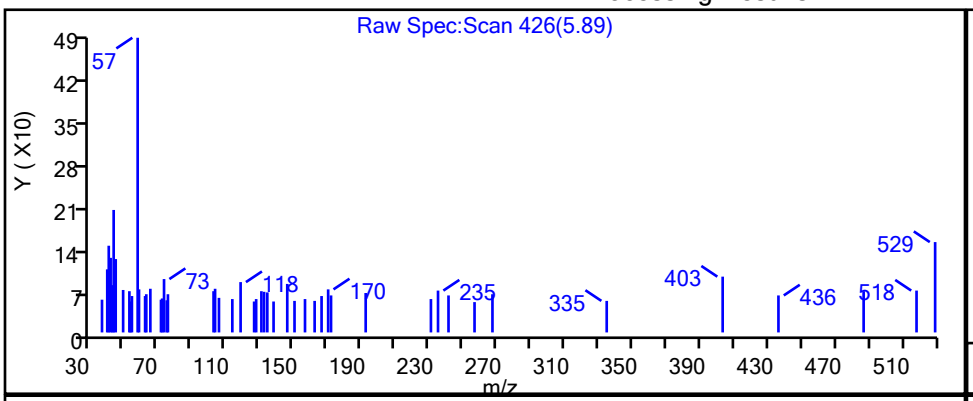
User Disabled Compound Report

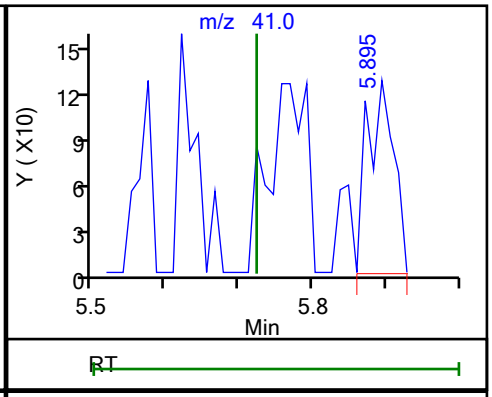
Eurofins Edison

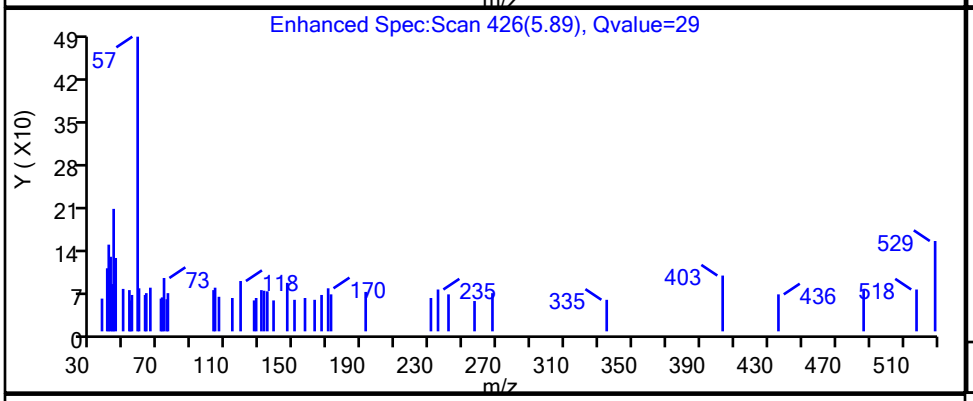
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

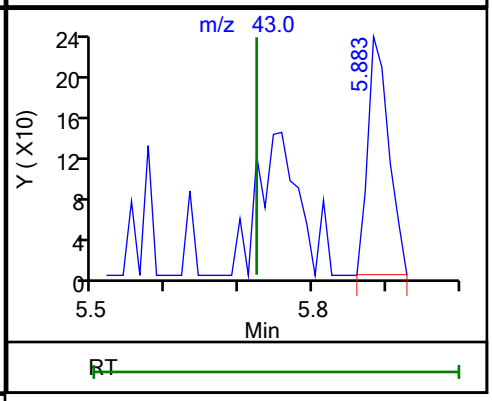
34 2-Nitropropane, CAS: 79-46-9

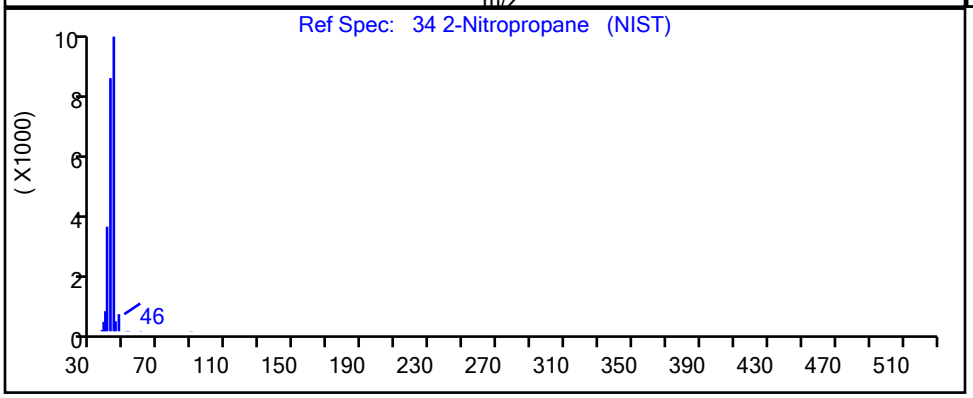
Processing Results











RT	Mass	Response	Amount
5.89	41.00	309	0.323808
5.88	43.00	464	

Reviewer: HVW2, 23-Jul-2023 16:27:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

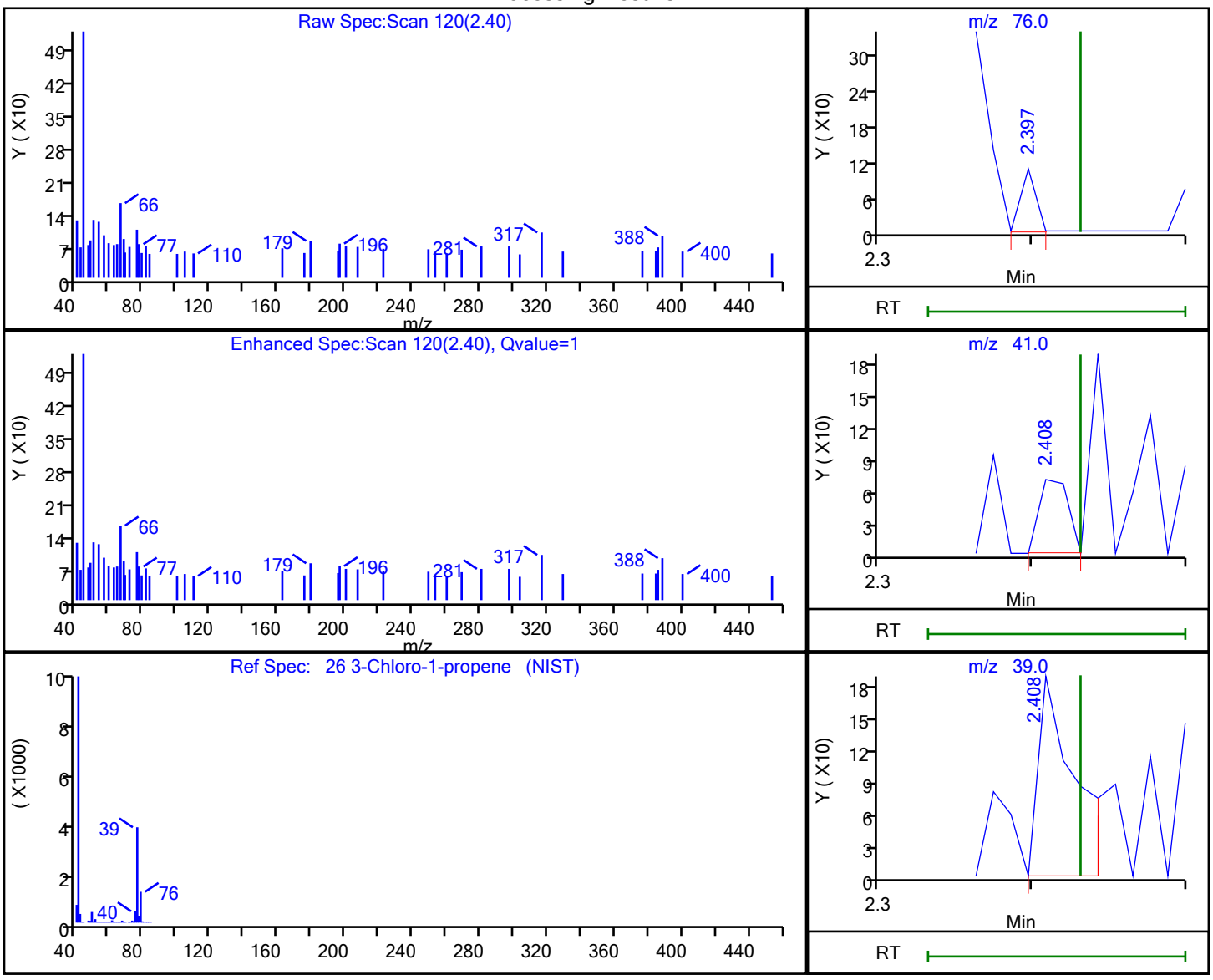
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.40	76.00	71	0.024793
2.41	41.00	93	
2.41	39.00	307	

Reviewer: HVW2, 23-Jul-2023 16:26:56 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

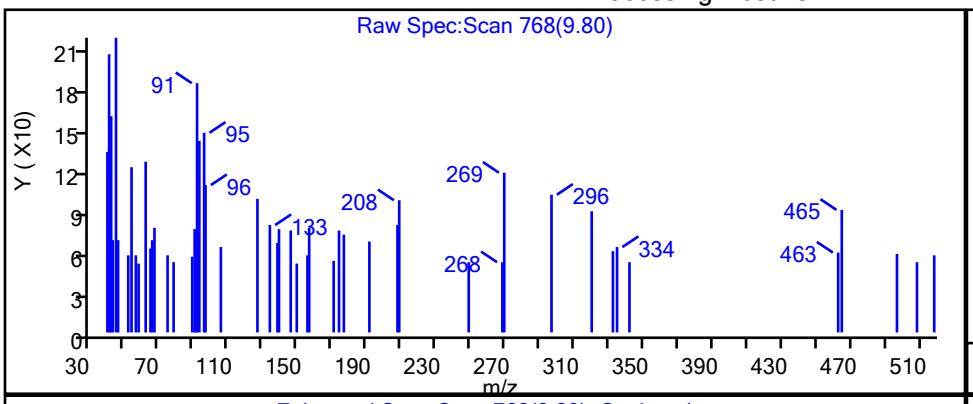
User Disabled Compound Report

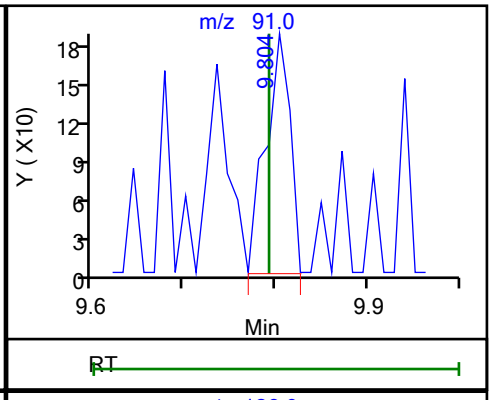
Eurofins Edison

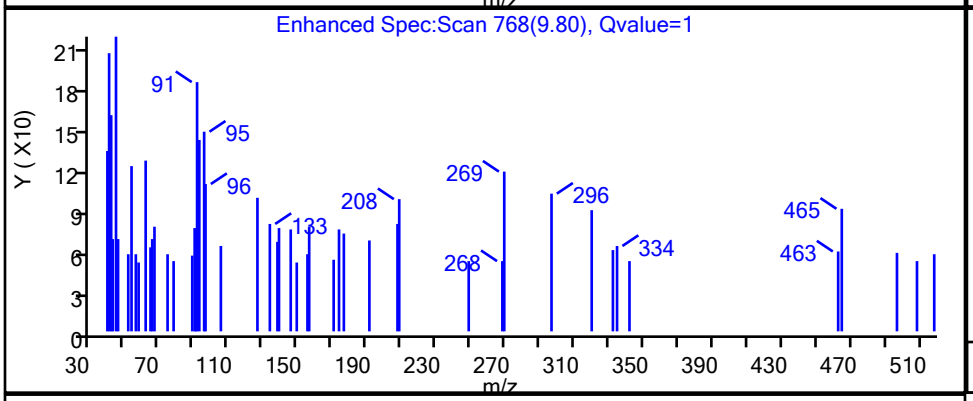
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

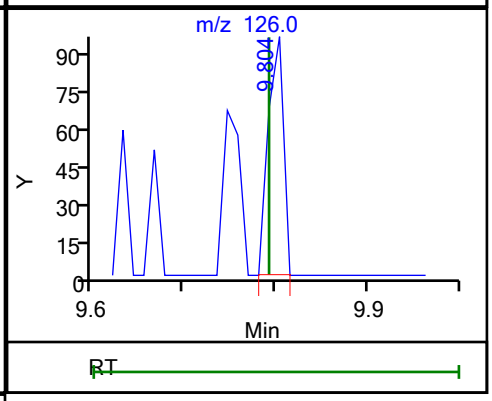
110 4-Chlorotoluene, CAS: 106-43-4

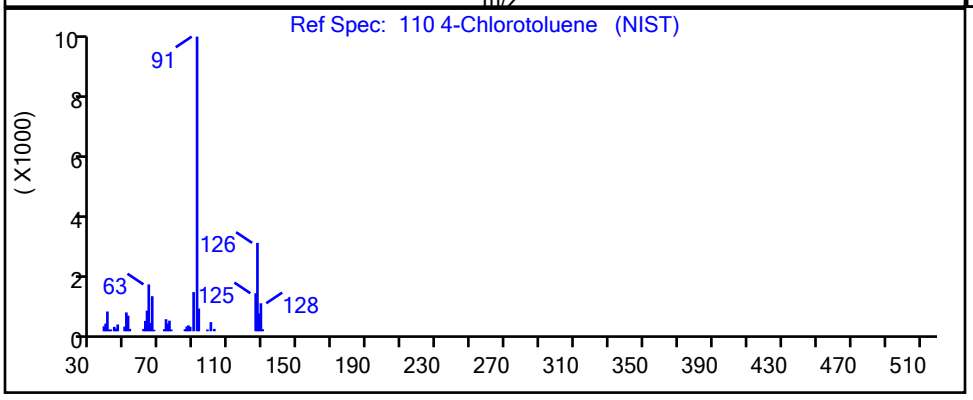
Processing Results











RT	Mass	Response	Amount
9.80	91.00	334	0.027535
9.80	126.00	113	

Reviewer: HVW2, 23-Jul-2023 16:27:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

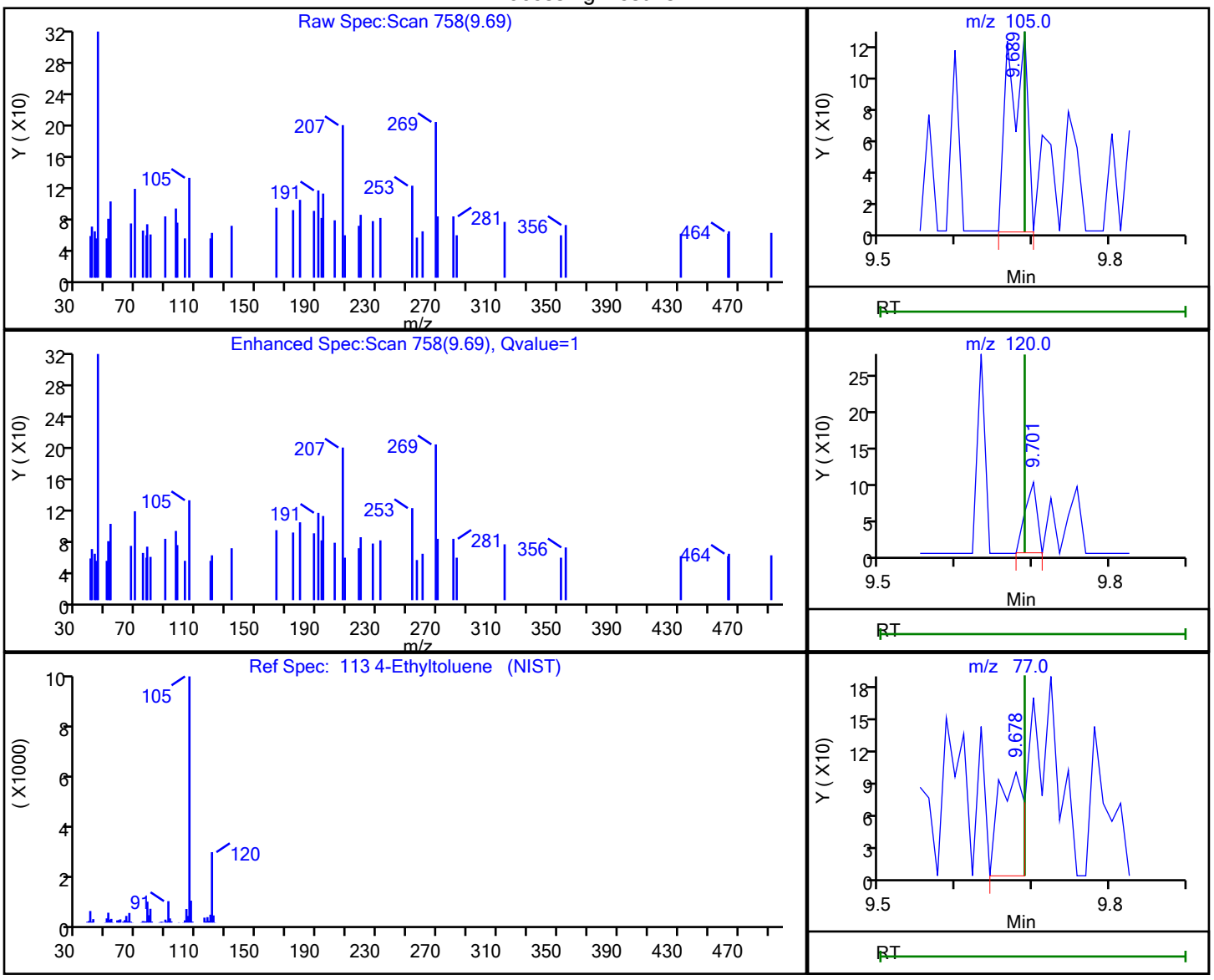
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

113 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.69	105.00	213	0.013247
9.70	120.00	106	
9.68	77.00	223	

Reviewer: HVW2, 23-Jul-2023 16:27:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

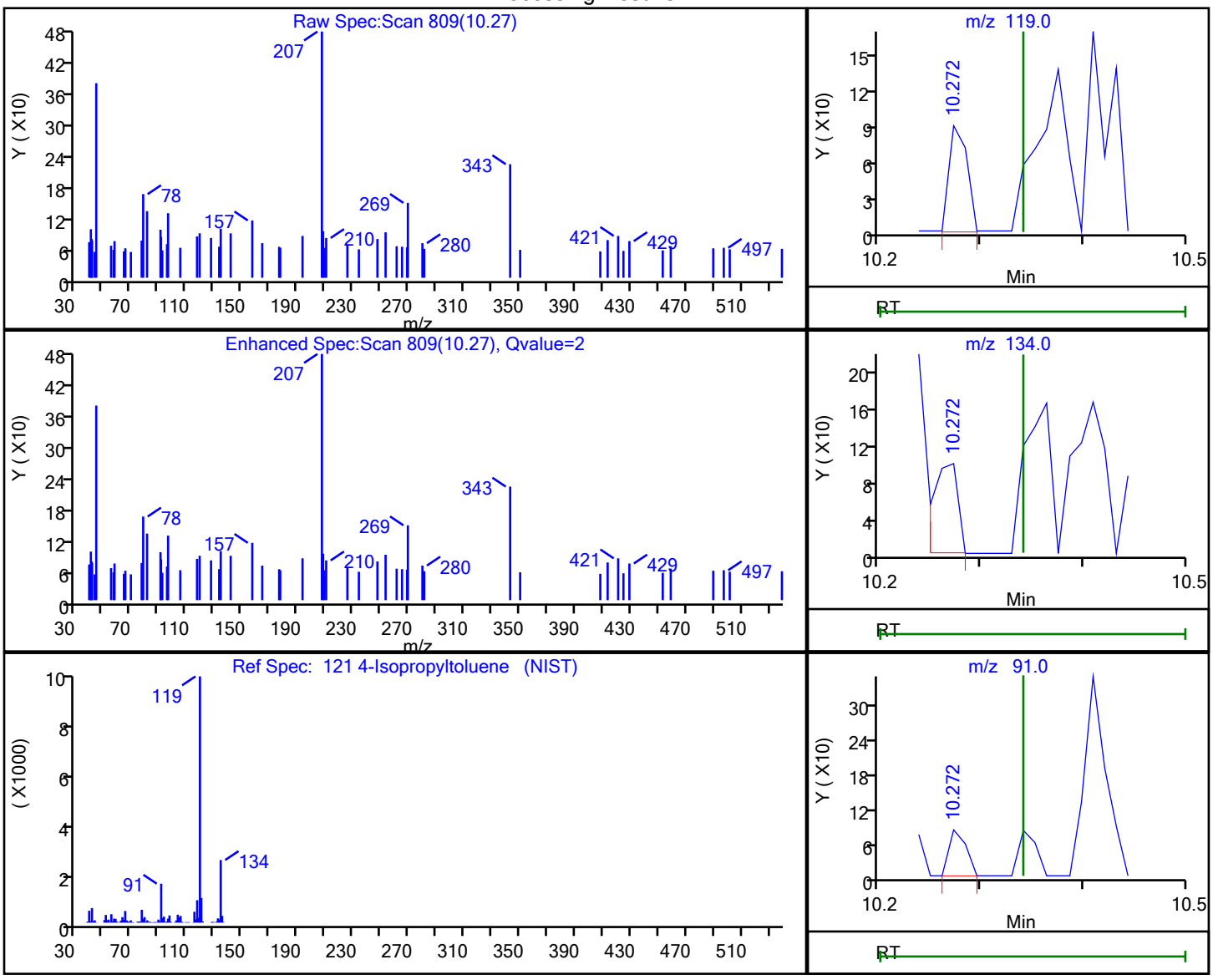
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.27	119.00	106	0.007928
10.27	134.00	163	
10.27	91.00	92	

Reviewer: HVW2, 23-Jul-2023 16:27:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

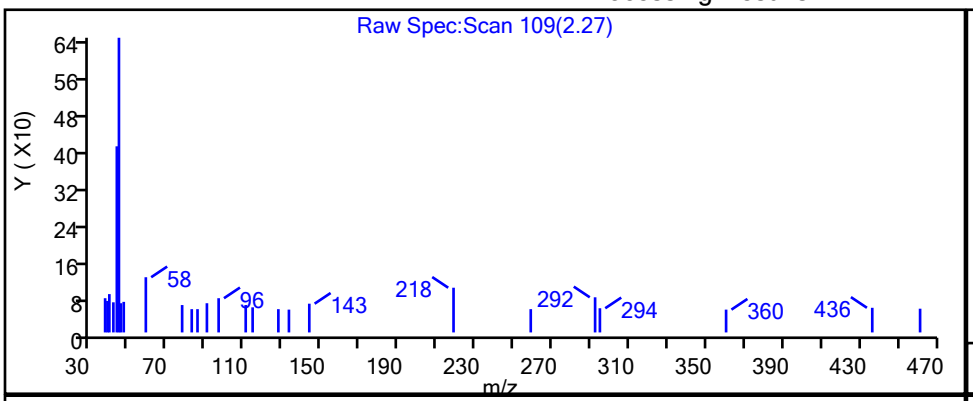
User Disabled Compound Report

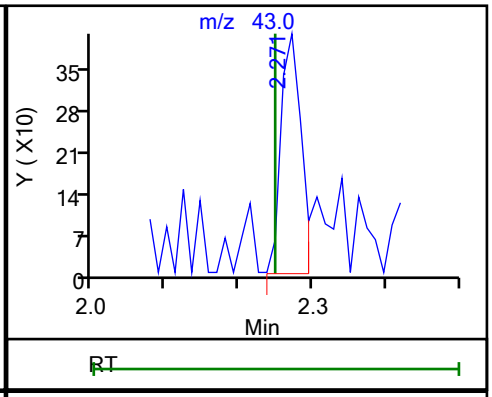
Eurofins Edison

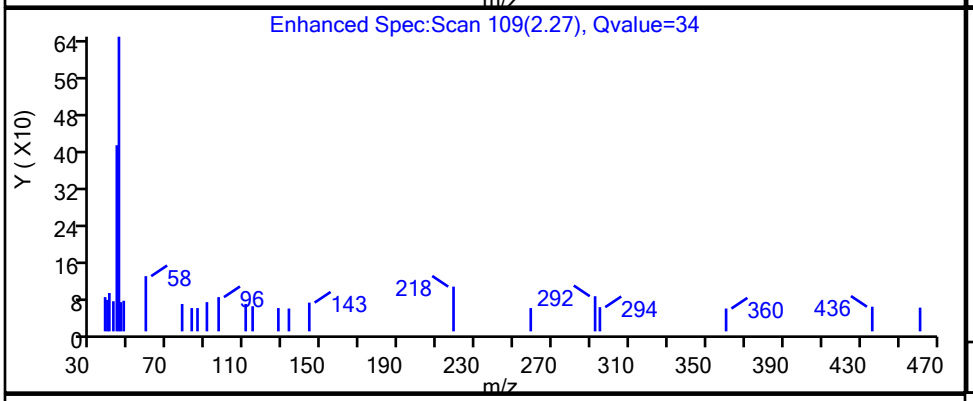
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

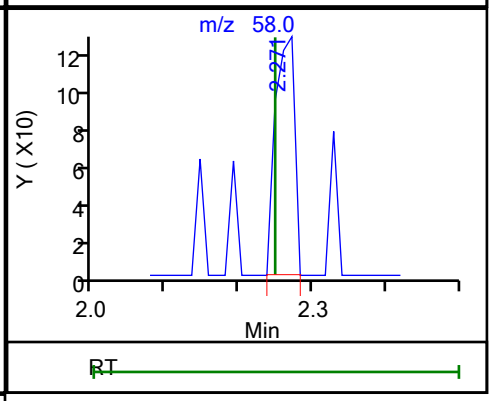
23 Acetone, CAS: 67-64-1

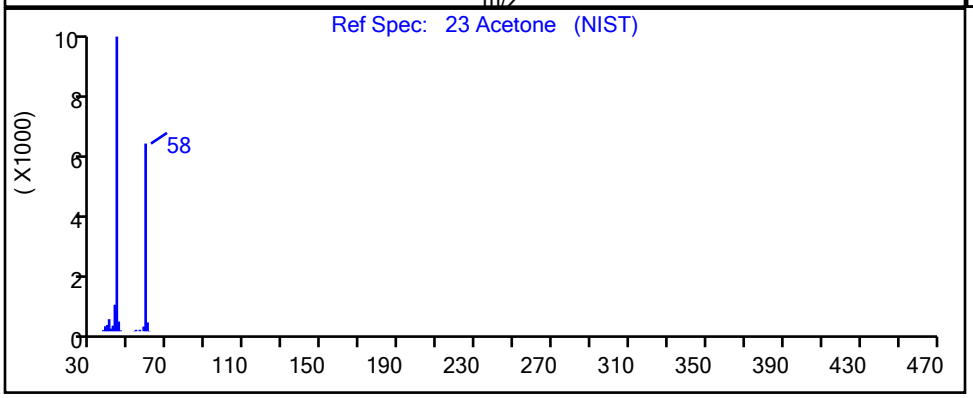
Processing Results











RT	Mass	Response	Amount
2.27	43.00	790	0.748702
2.27	58.00	222	

Reviewer: HVW2, 23-Jul-2023 16:26:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

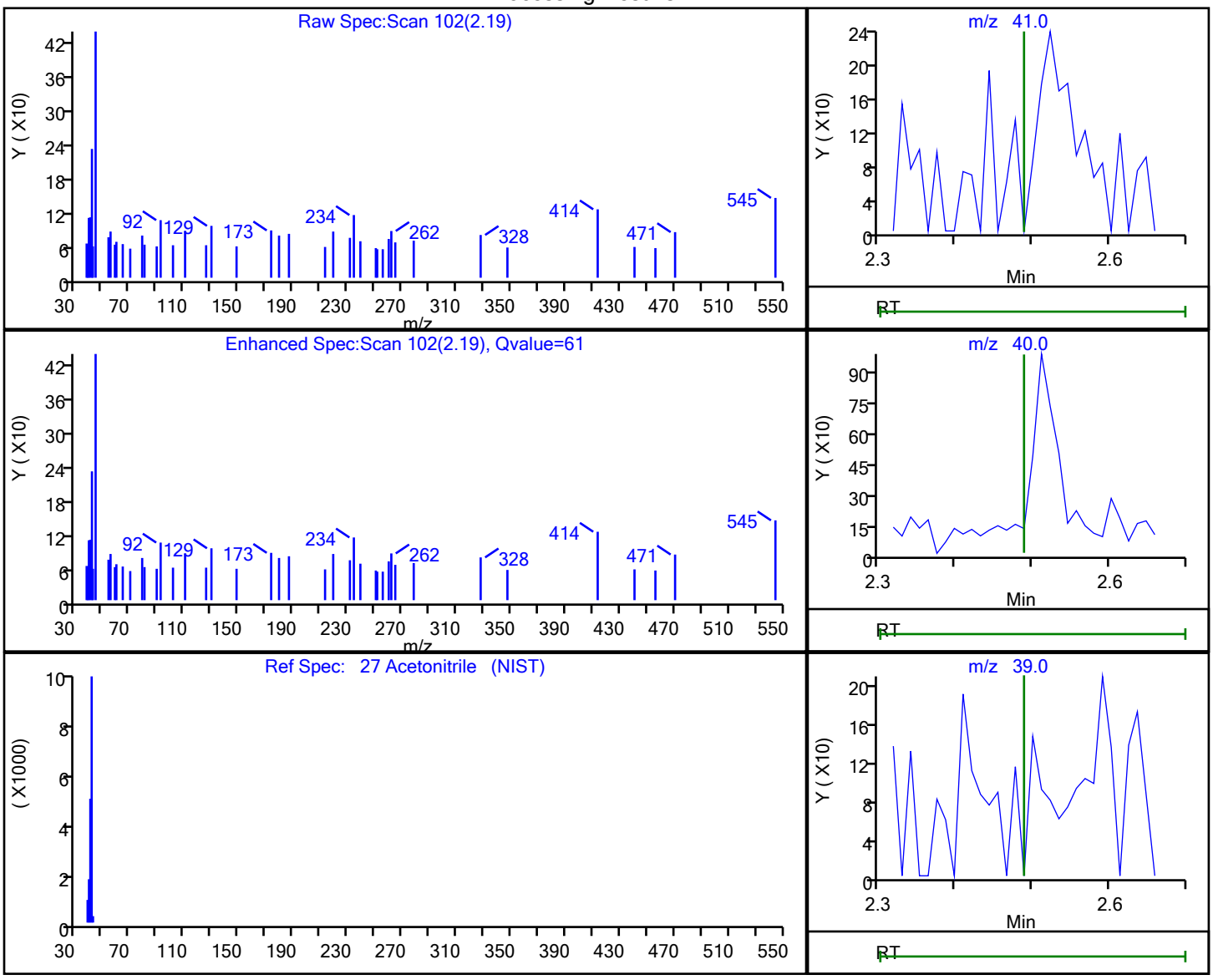
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.19	41.00	302	0.727063
2.21	40.00	494	
2.19	39.00	200	
2.17	38.00	130	

Reviewer: HVW2, 23-Jul-2023 16:26:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

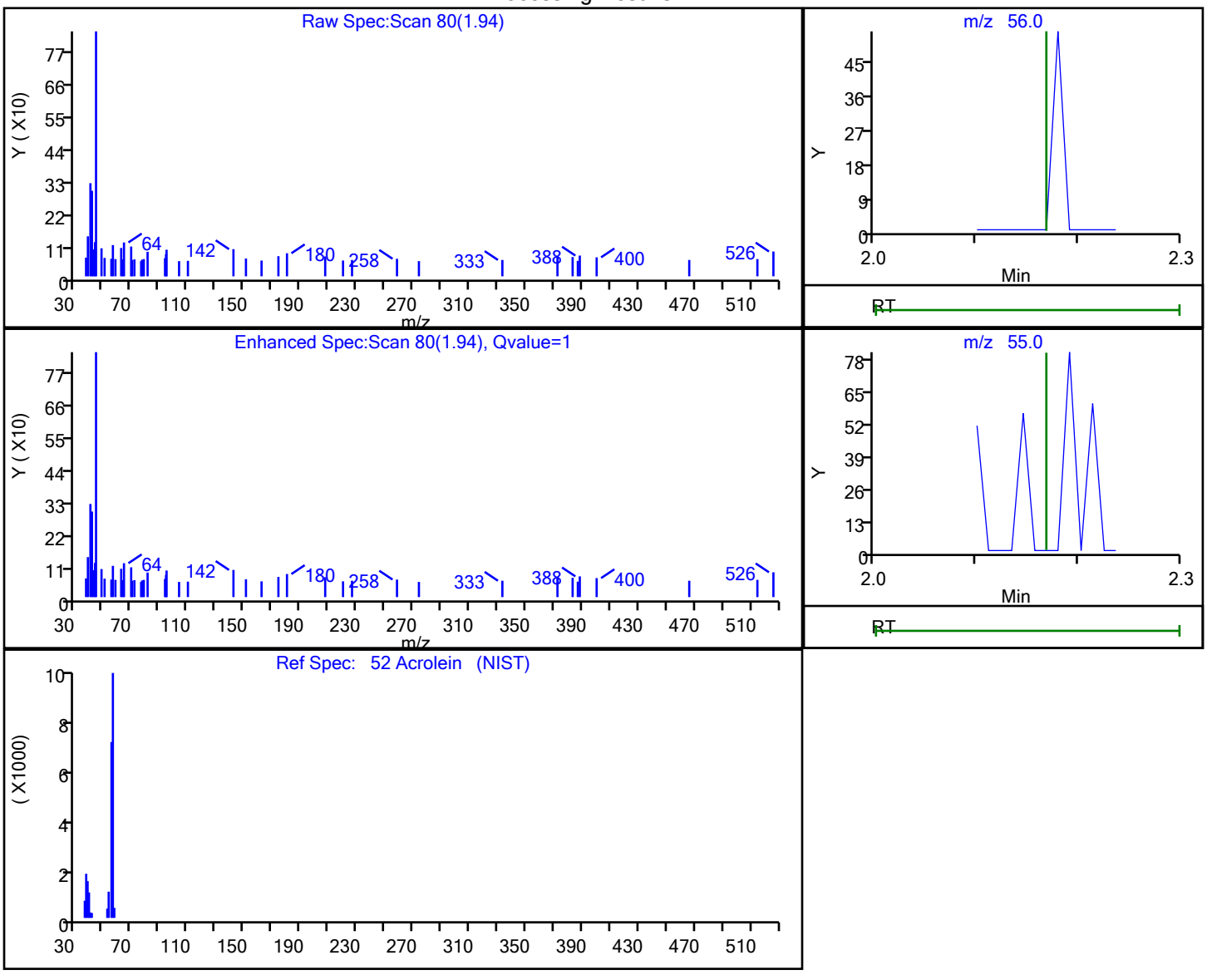
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

52 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.94	56.00	73	0.183037
1.94	55.00	41	

Reviewer: HVW2, 23-Jul-2023 16:26:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

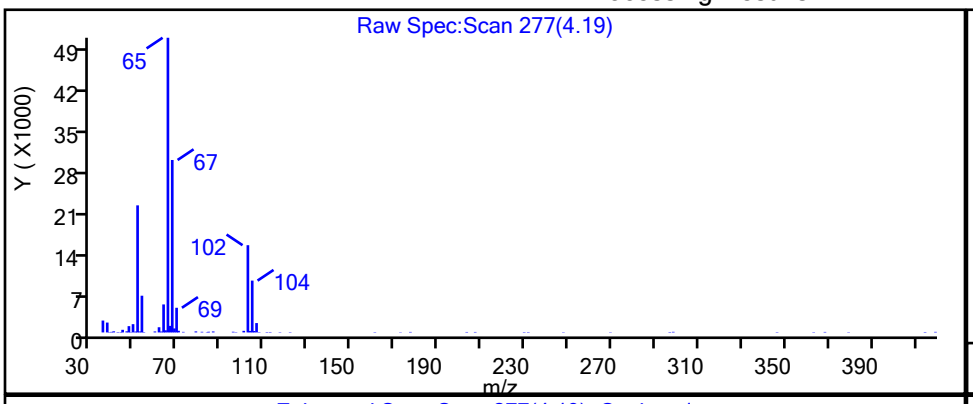
User Disabled Compound Report

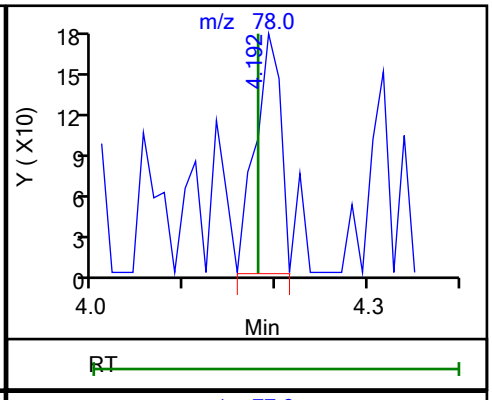
Eurofins Edison

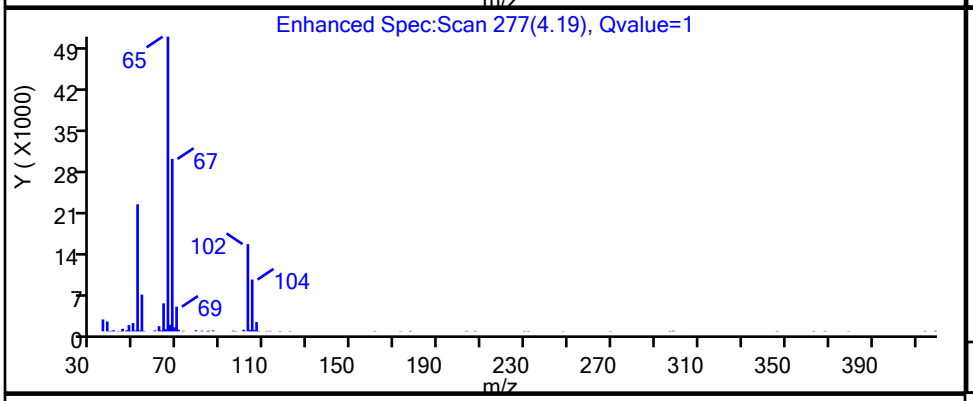
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

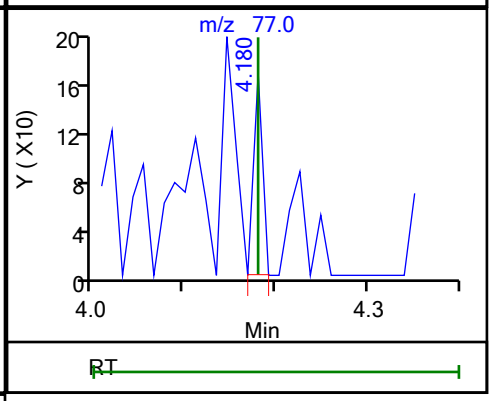
59 Benzene, CAS: 71-43-2

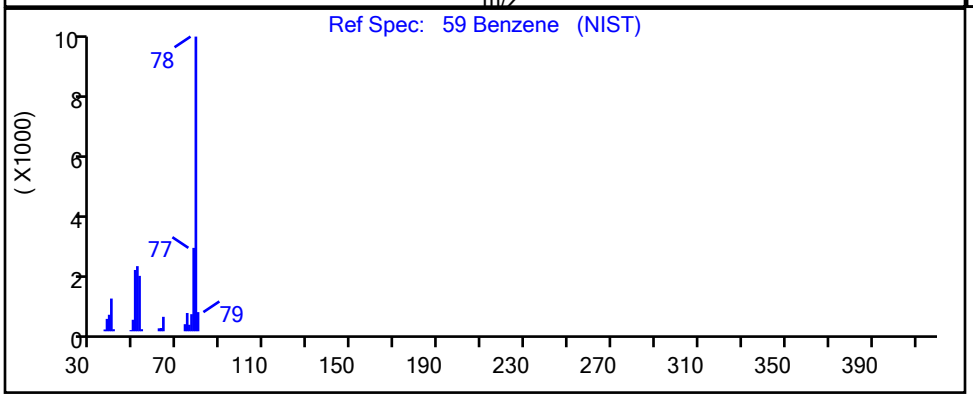
Processing Results











RT	Mass	Response	Amount
4.19	78.00	337	0.018355
4.18	77.00	115	

Reviewer: HVW2, 23-Jul-2023 16:27:28 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

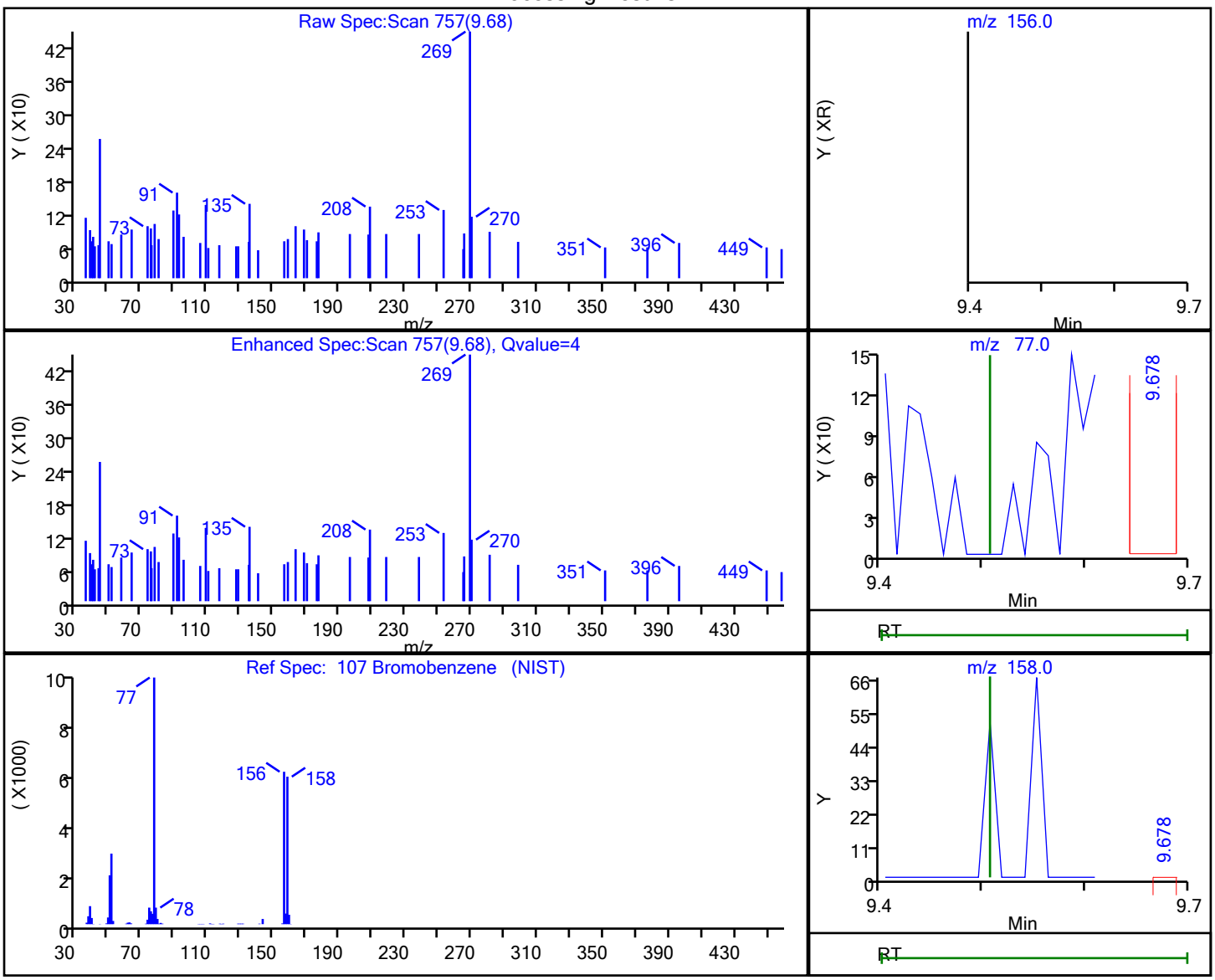
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.68	156.00	87	0.021745
9.68	77.00	223	
9.68	158.00	48	

Reviewer: HVW2, 23-Jul-2023 16:27:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

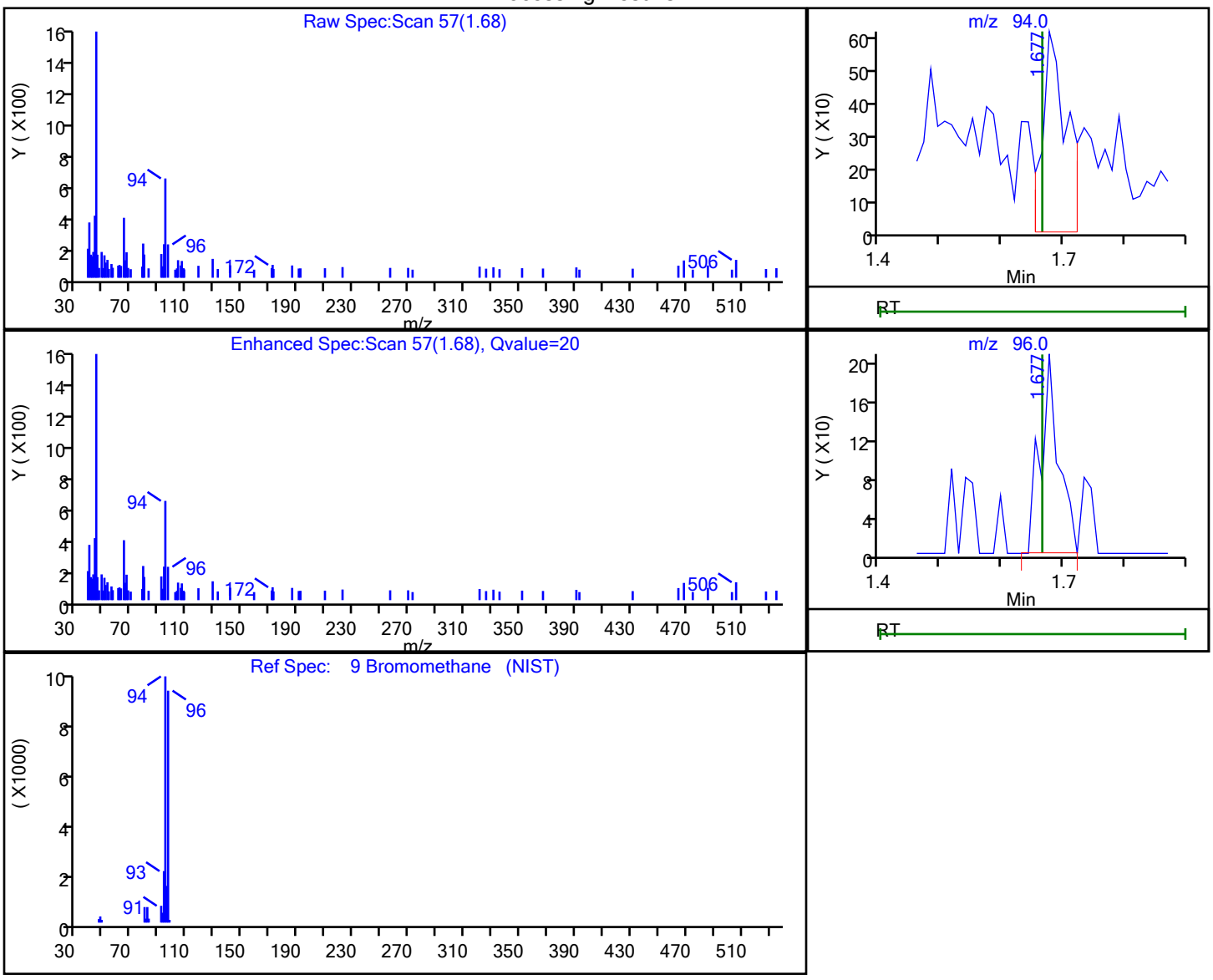
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.68	94.00	1700	0.665480
1.68	96.00	431	

Reviewer: HVW2, 23-Jul-2023 16:26:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

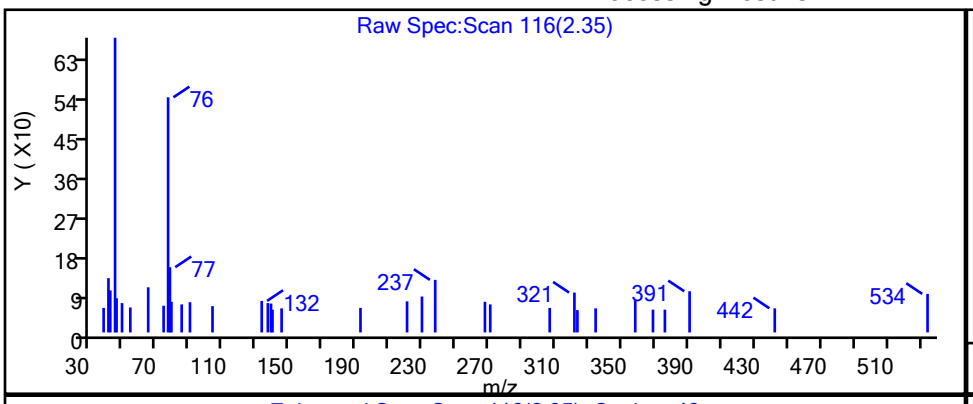
User Disabled Compound Report

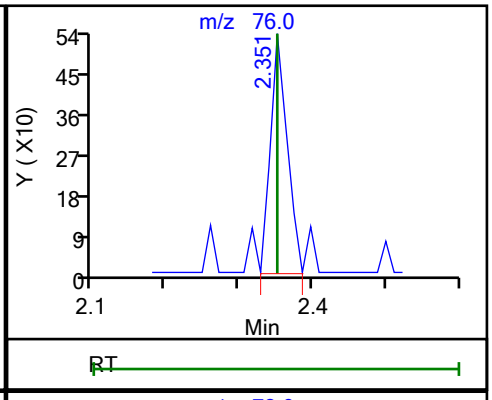
Eurofins Edison

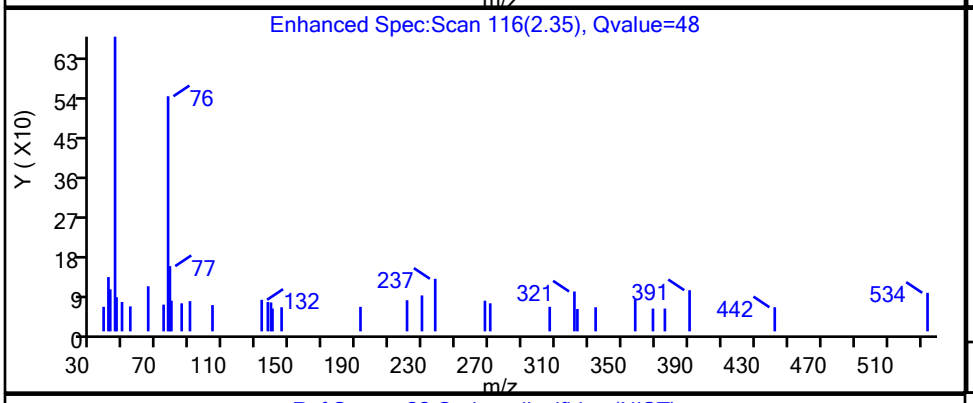
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

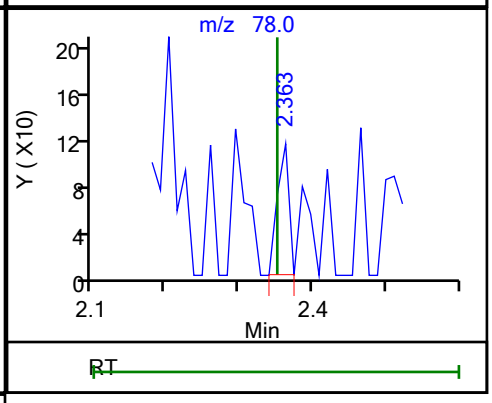
22 Carbon disulfide, CAS: 75-15-0

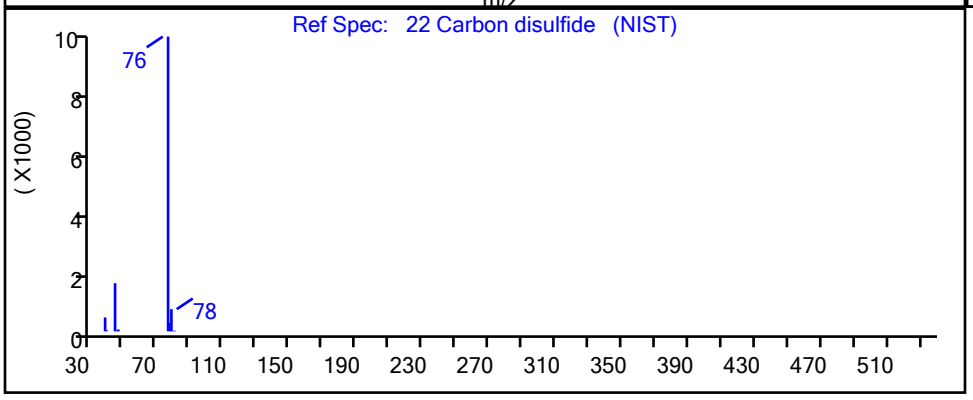
Processing Results











RT	Mass	Response	Amount
2.35	76.00	850	0.068389
2.36	78.00	126	

Reviewer: HVW2, 23-Jul-2023 16:26:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

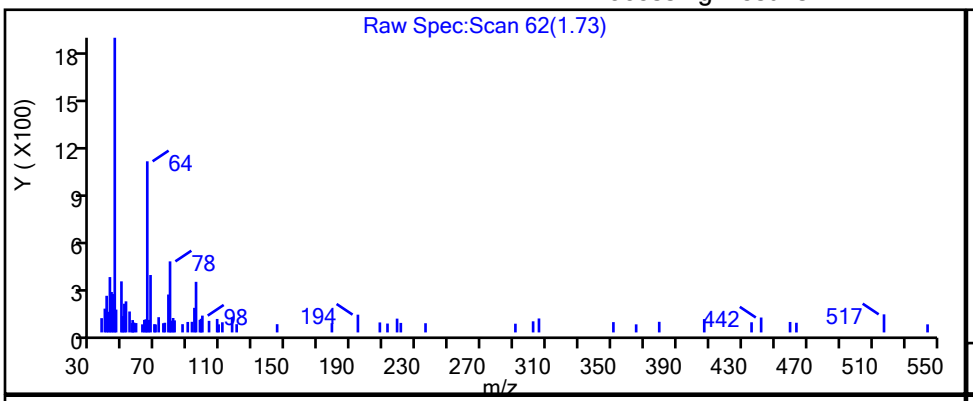
User Disabled Compound Report

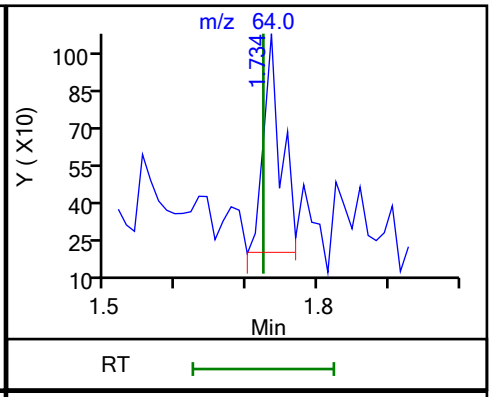
Eurofins Edison

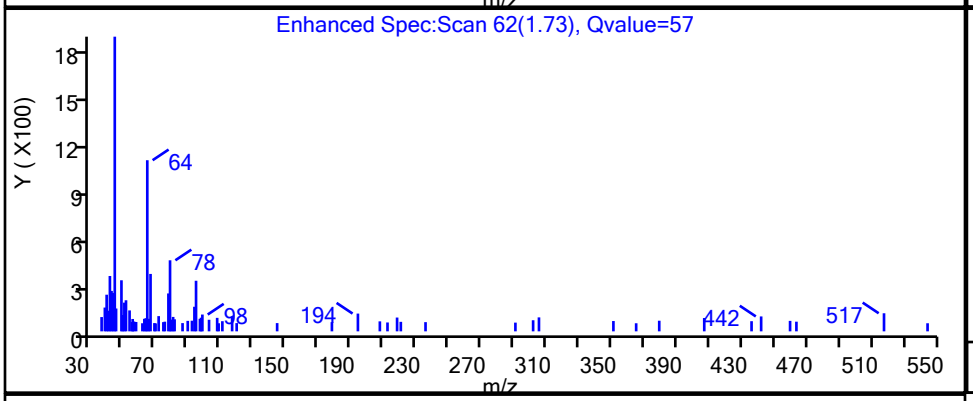
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

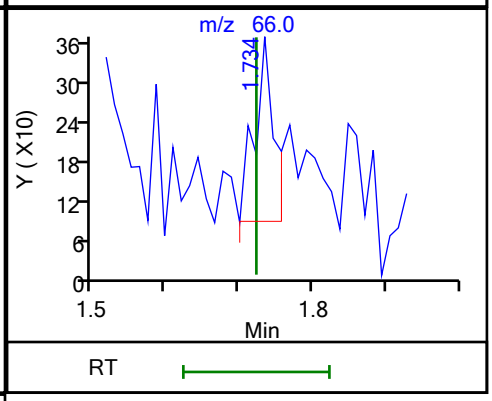
10 Chloroethane, CAS: 75-00-3

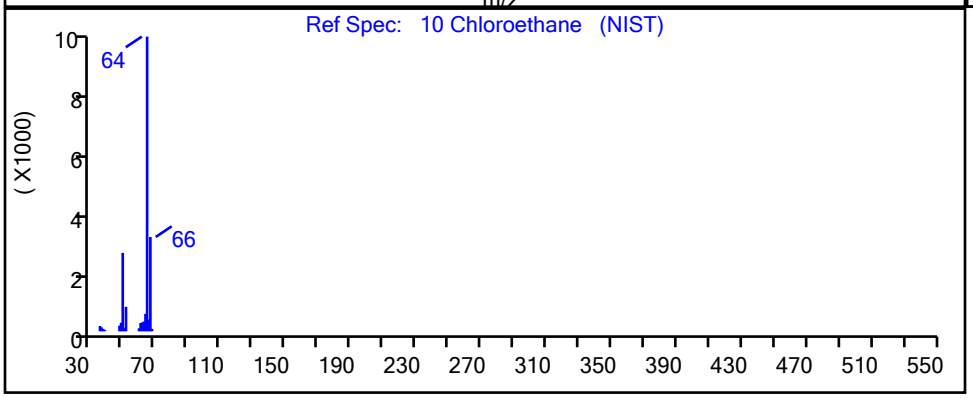
Processing Results











RT	Mass	Response	Amount
1.73	64.00	1559	0.557377
1.73	66.00	527	

Reviewer: HVW2, 23-Jul-2023 16:26:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

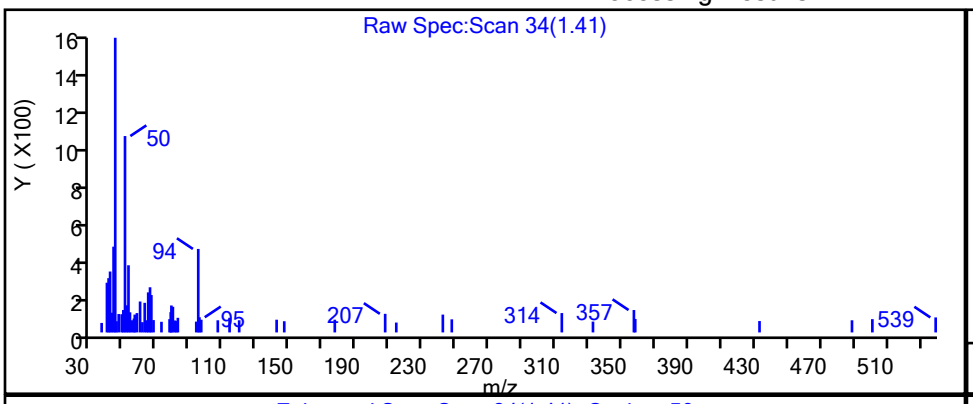
User Disabled Compound Report

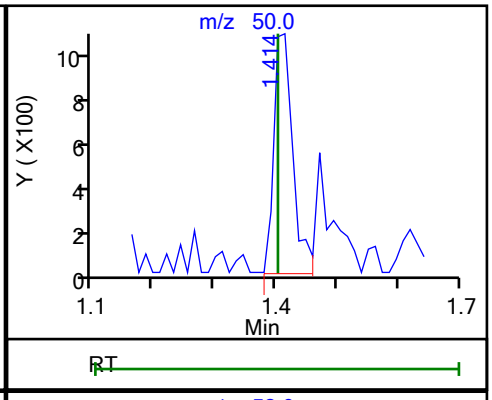
Eurofins Edison

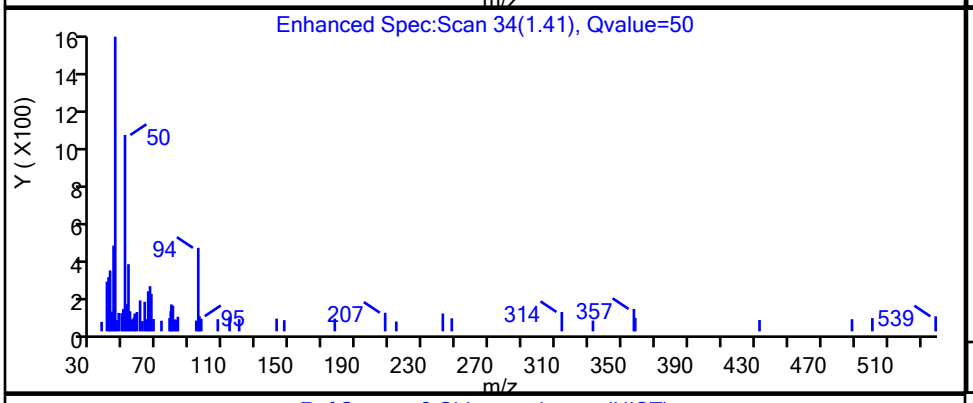
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

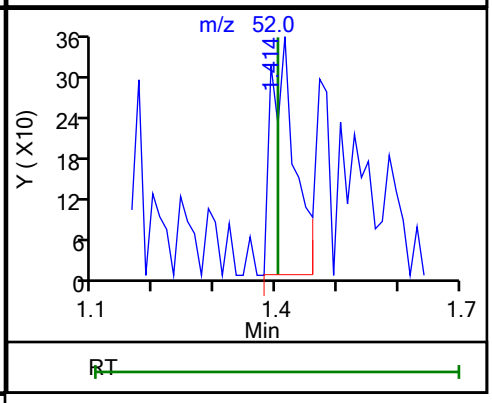
6 Chloromethane, CAS: 74-87-3

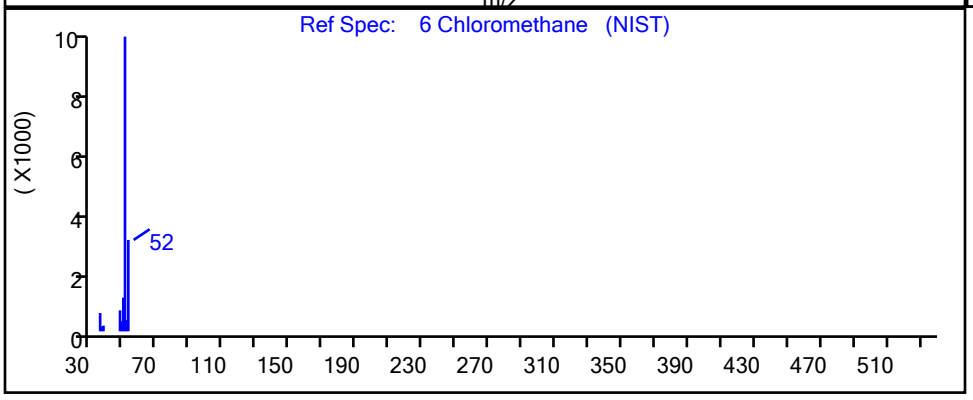
Processing Results











RT	Mass	Response	Amount
1.41	50.00	2233	0.561565
1.41	52.00	950	

Reviewer: HVW2, 23-Jul-2023 16:26:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

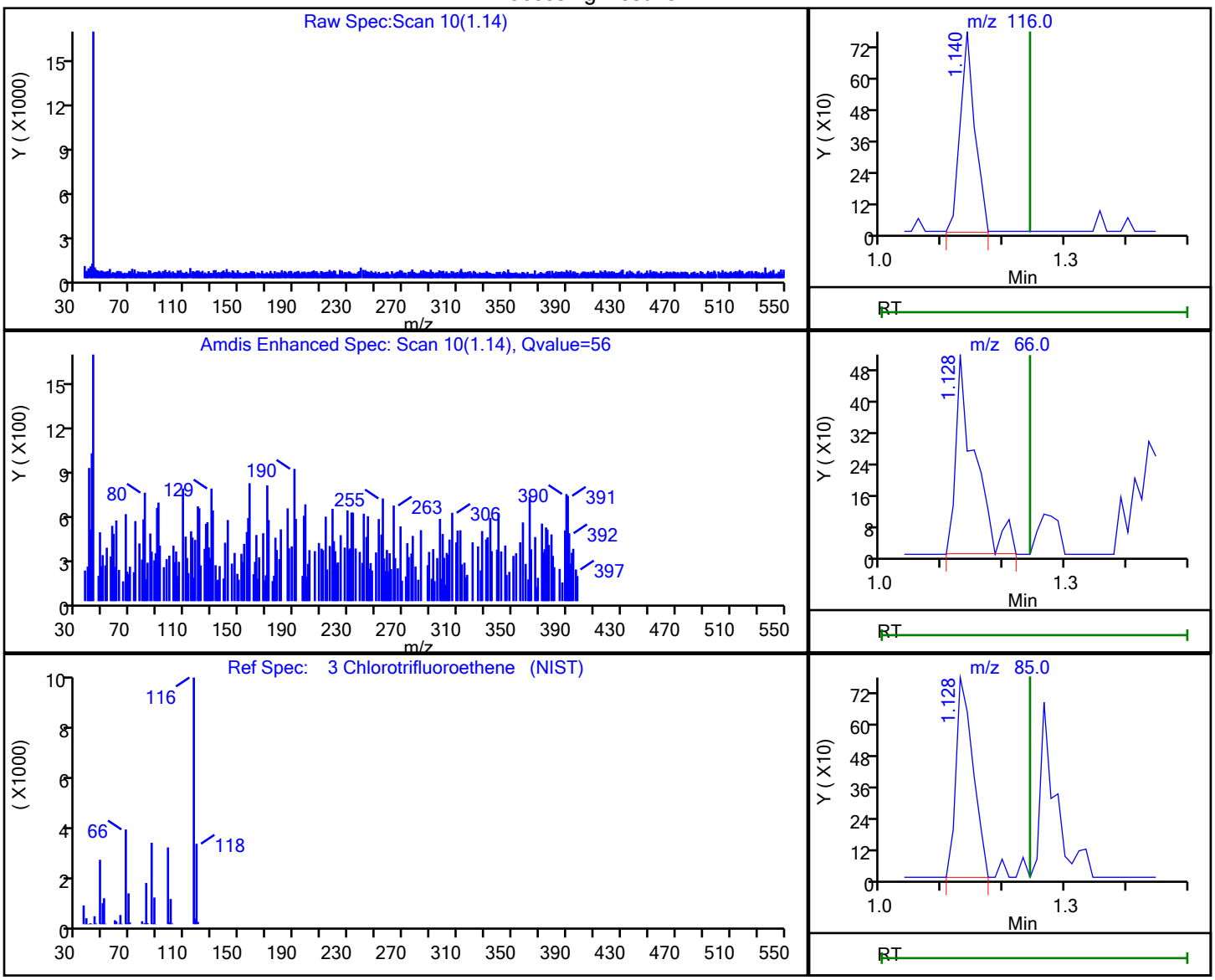
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.14	116.00	1280	1.119285
1.13	66.00	1136	
1.13	85.00	1487	
1.15	118.00	1191	

Reviewer: HVW2, 23-Jul-2023 16:26:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

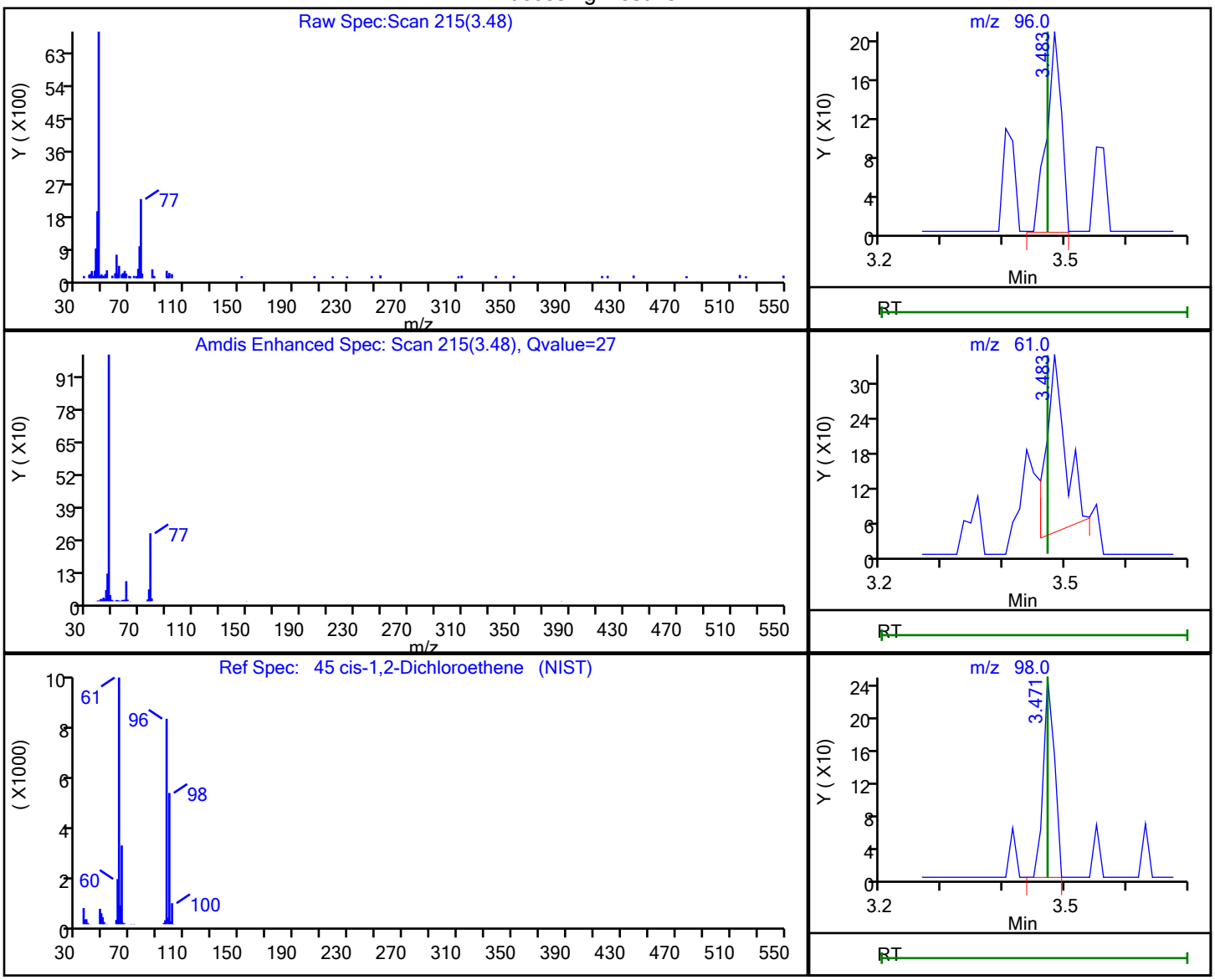
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.48	96.00	338	0.074362
3.48	61.00	651	
3.47	98.00	306	

Reviewer: HVW2, 23-Jul-2023 16:27:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

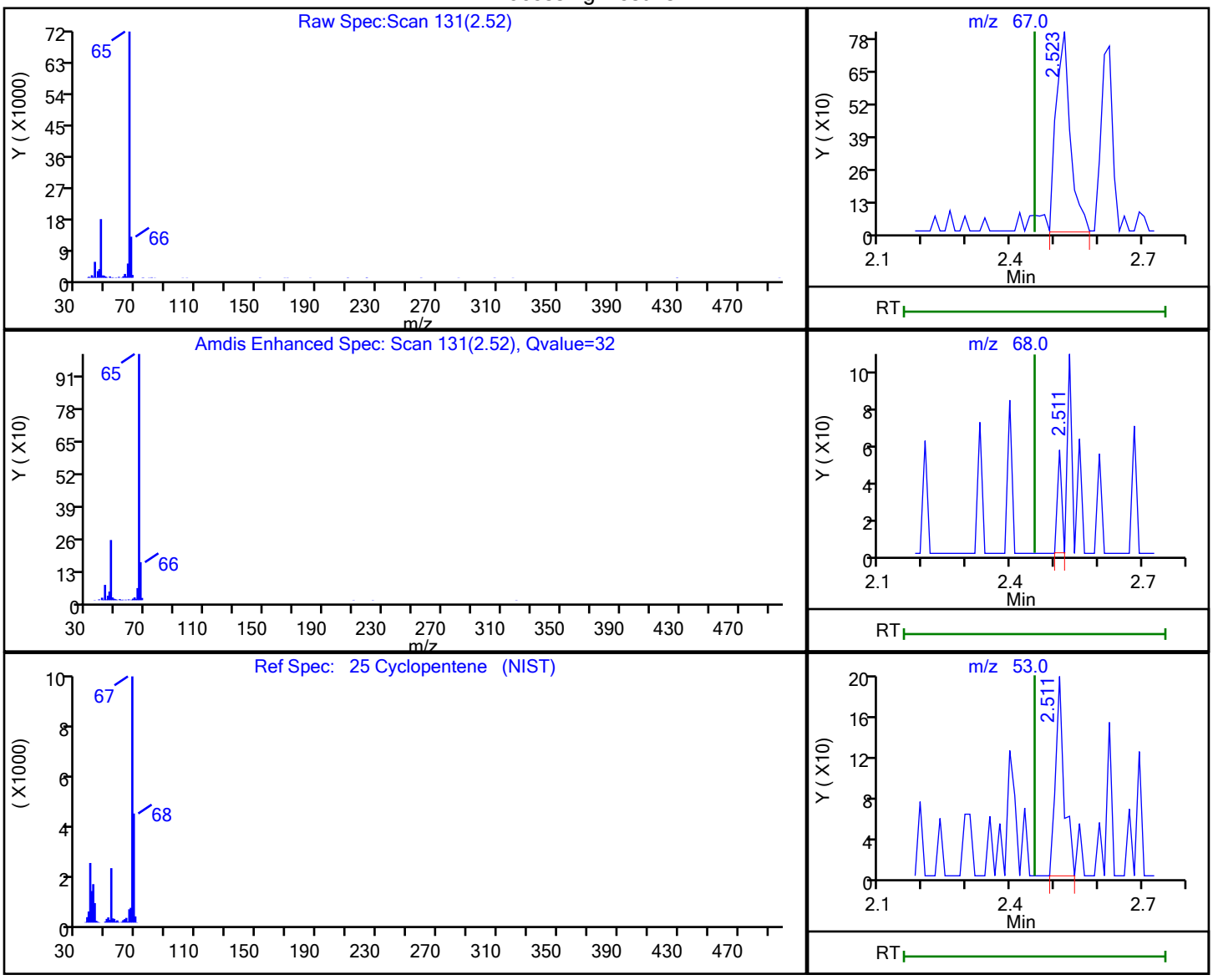
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

25 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.52	67.00	1817	0.198279
2.51	68.00	38	
2.51	53.00	261	

Reviewer: HVW2, 23-Jul-2023 16:26:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

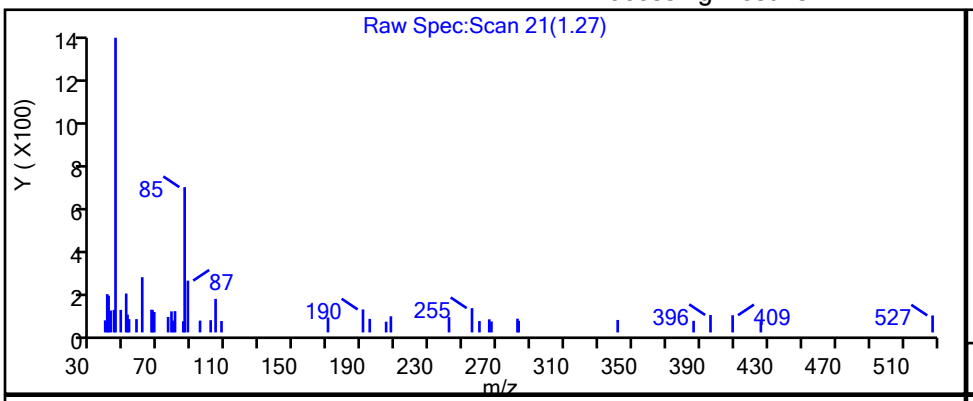
User Disabled Compound Report

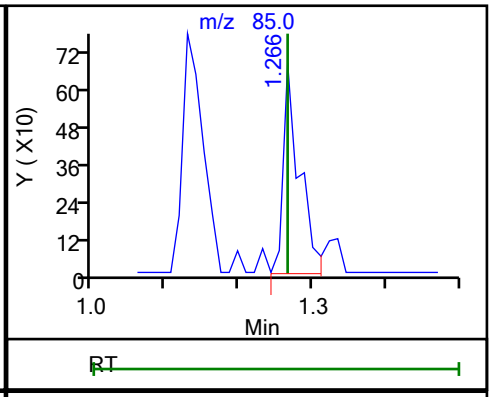
Eurofins Edison

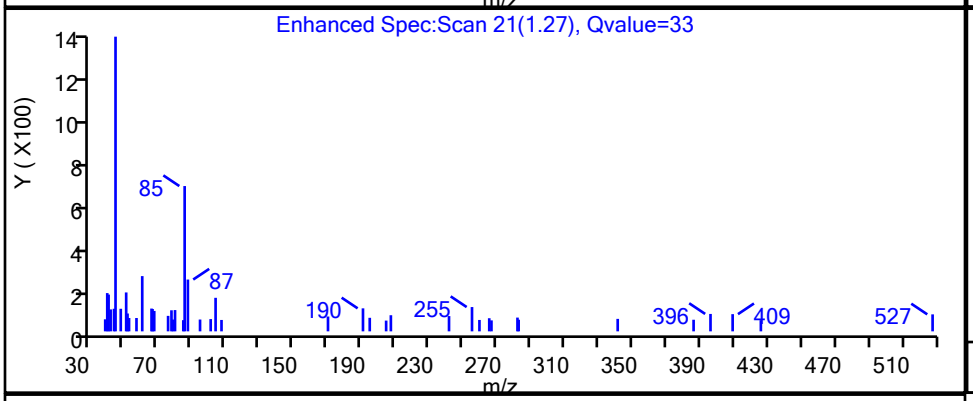
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

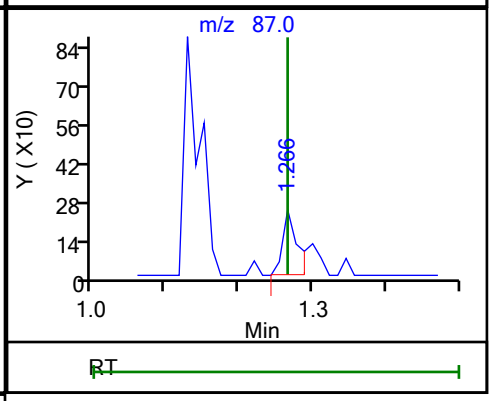
5 Dichlorodifluoromethane, CAS: 75-71-8

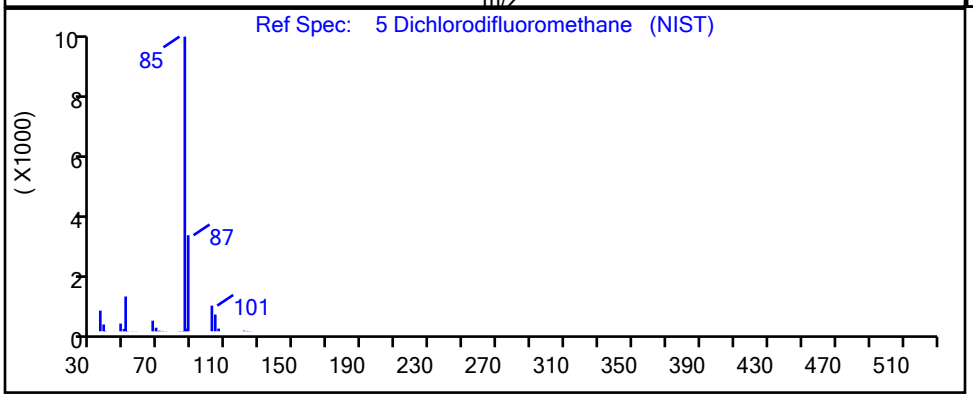
Processing Results











RT	Mass	Response	Amount
1.27	85.00	1033	0.257977
1.27	87.00	339	

Reviewer: HVW2, 23-Jul-2023 16:26:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

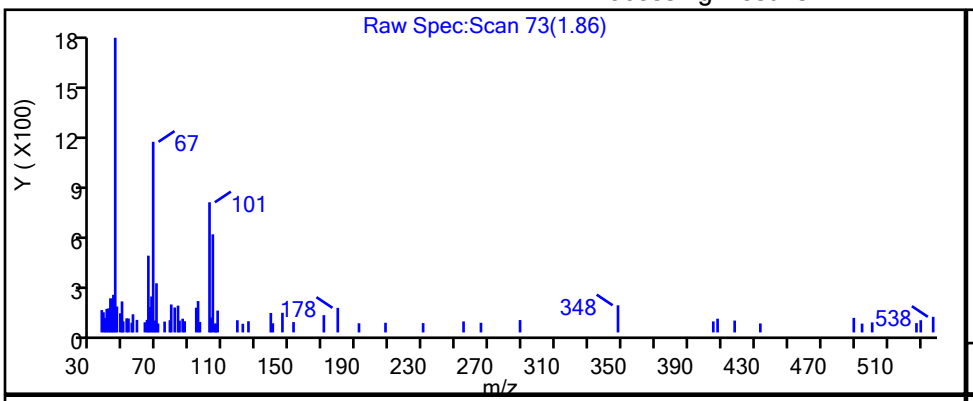
User Disabled Compound Report

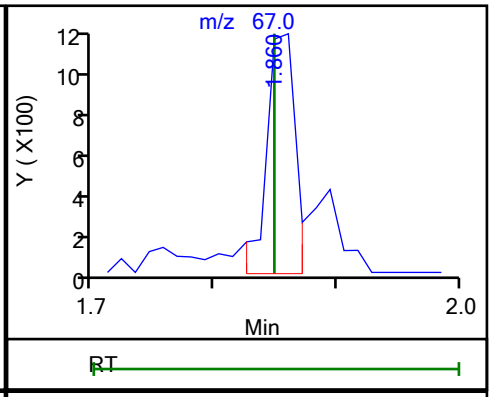
Eurofins Edison

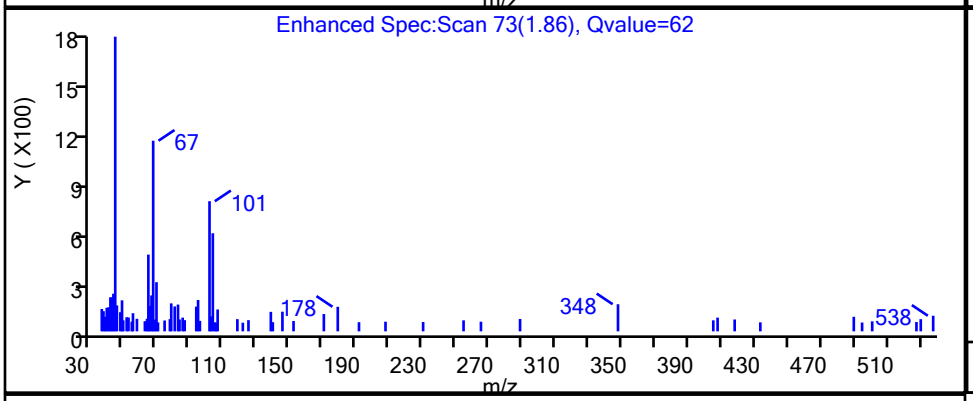
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

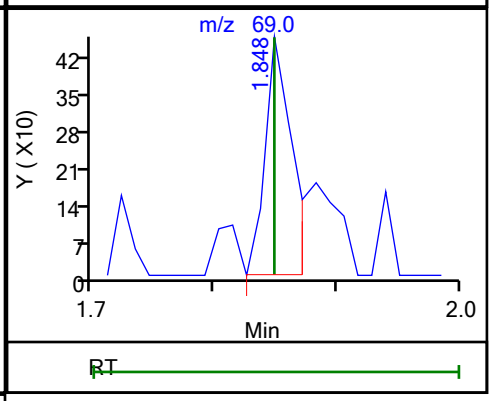
11 Dichlorofluoromethane, CAS: 75-43-4

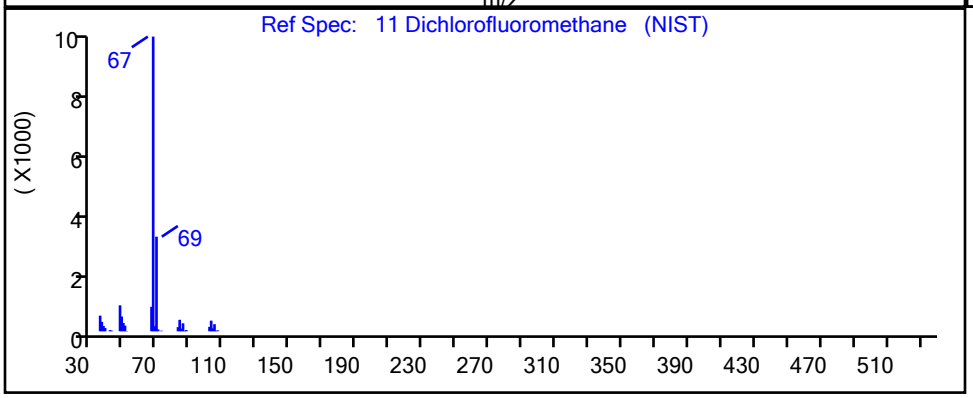
Processing Results











RT	Mass	Response	Amount
1.86	67.00	1892	0.280078
1.85	69.00	693	

Reviewer: HVW2, 23-Jul-2023 16:26:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

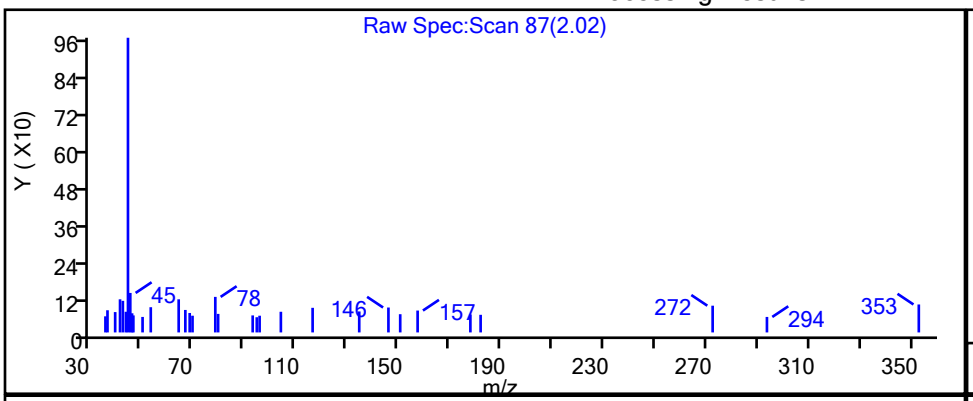
User Disabled Compound Report

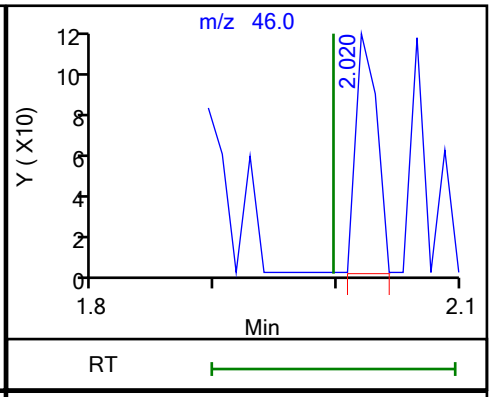
Eurofins Edison

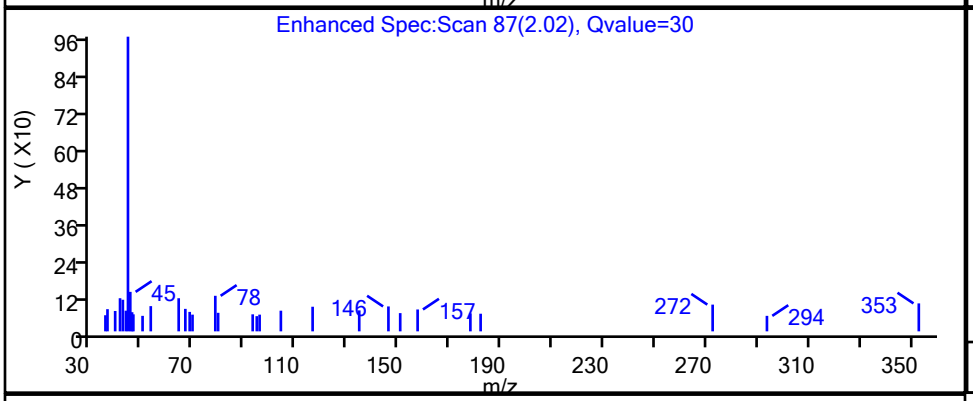
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

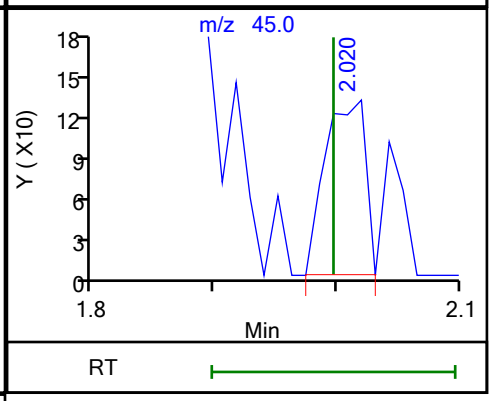
17 Ethanol, CAS: 64-17-5

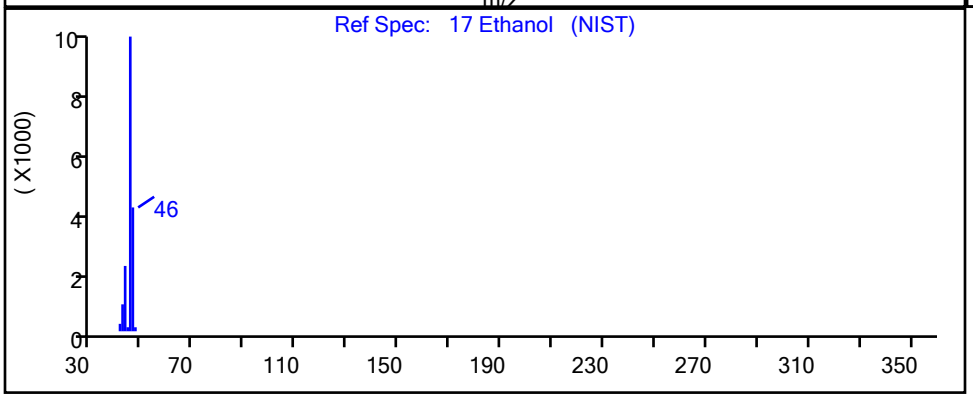
Processing Results











RT	Mass	Response	Amount
2.02	46.00	143	9.042845
2.02	45.00	300	

Reviewer: HVW2, 23-Jul-2023 16:26:45 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

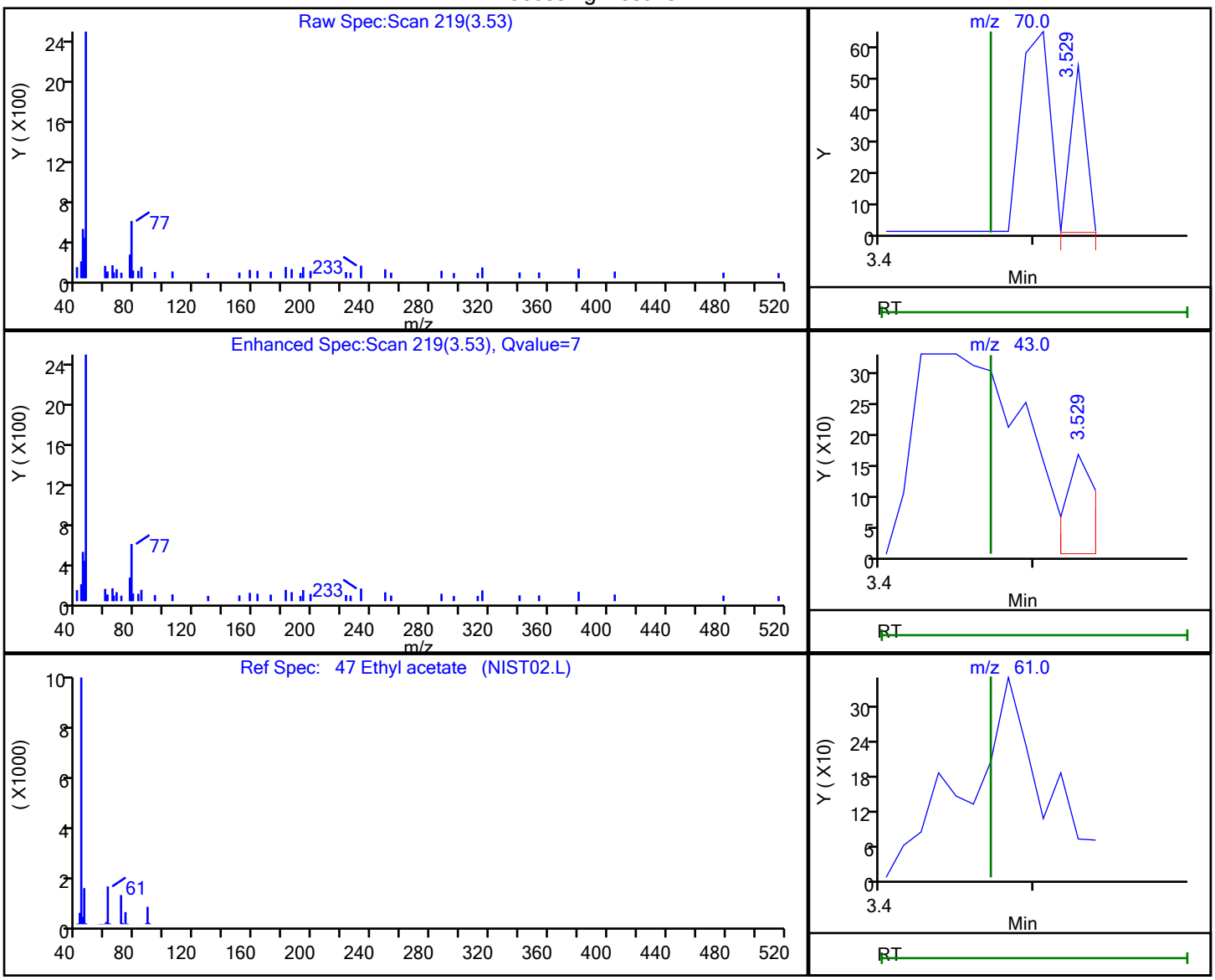
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.53	70.00	37	0.080386
3.53	43.00	228	
3.49	61.00	0	

Reviewer: HVW2, 23-Jul-2023 16:27:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

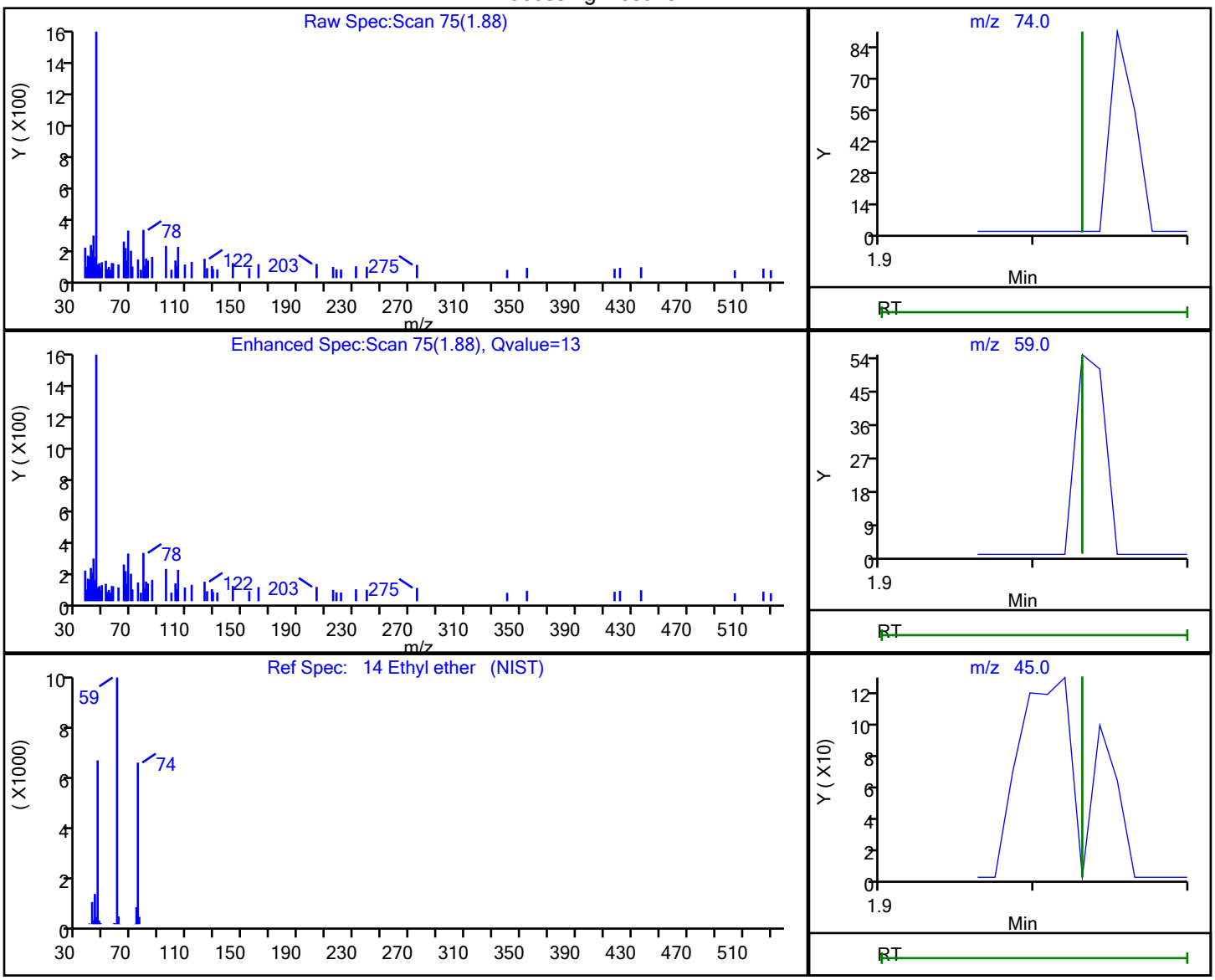
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

14 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.88	74.00	82	0.030393
1.87	59.00	36	
1.89	45.00	367	

Reviewer: HVW2, 23-Jul-2023 16:26:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

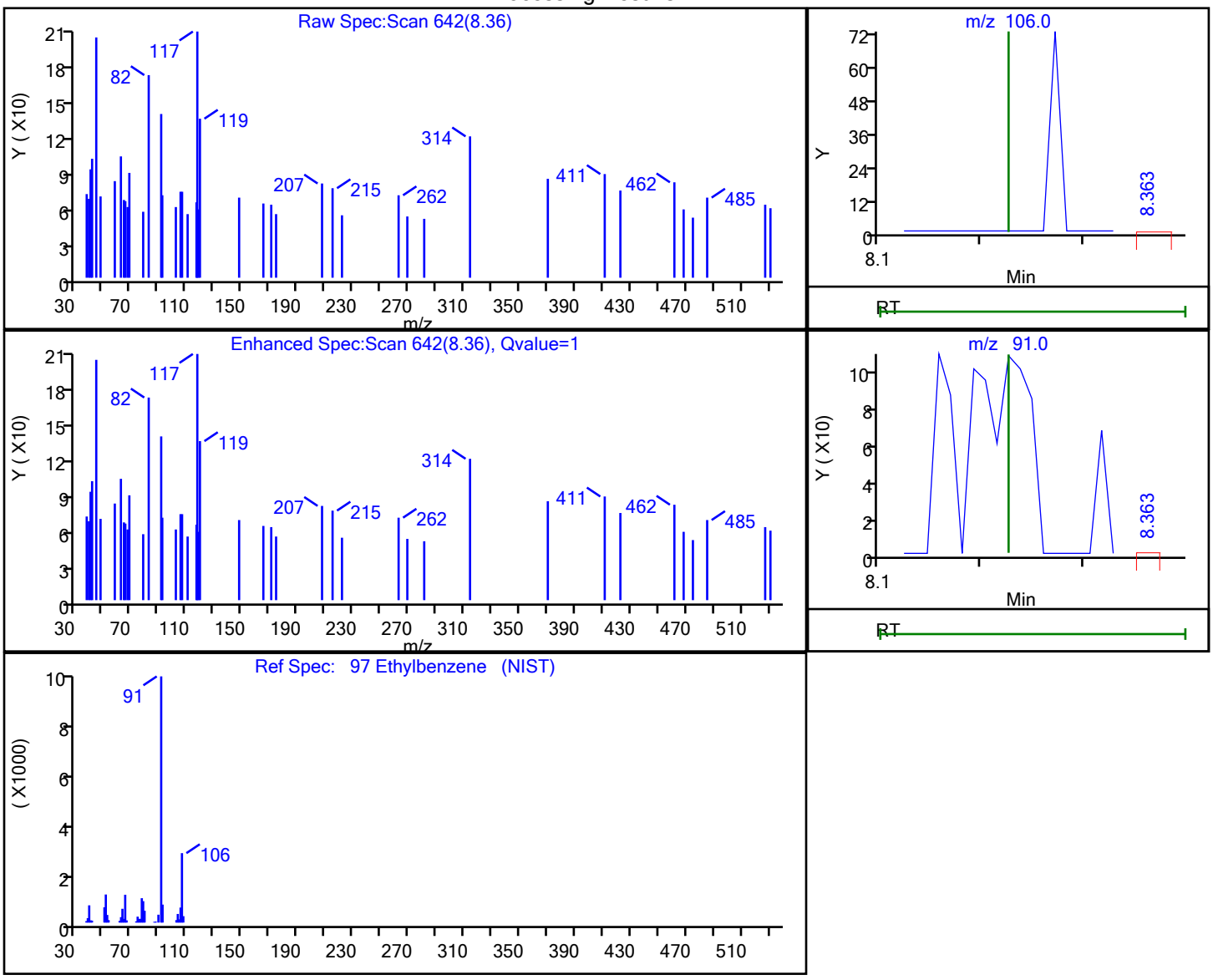
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.36	106.00	96	0.014671
8.36	91.00	184	

Reviewer: HVW2, 23-Jul-2023 16:27:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

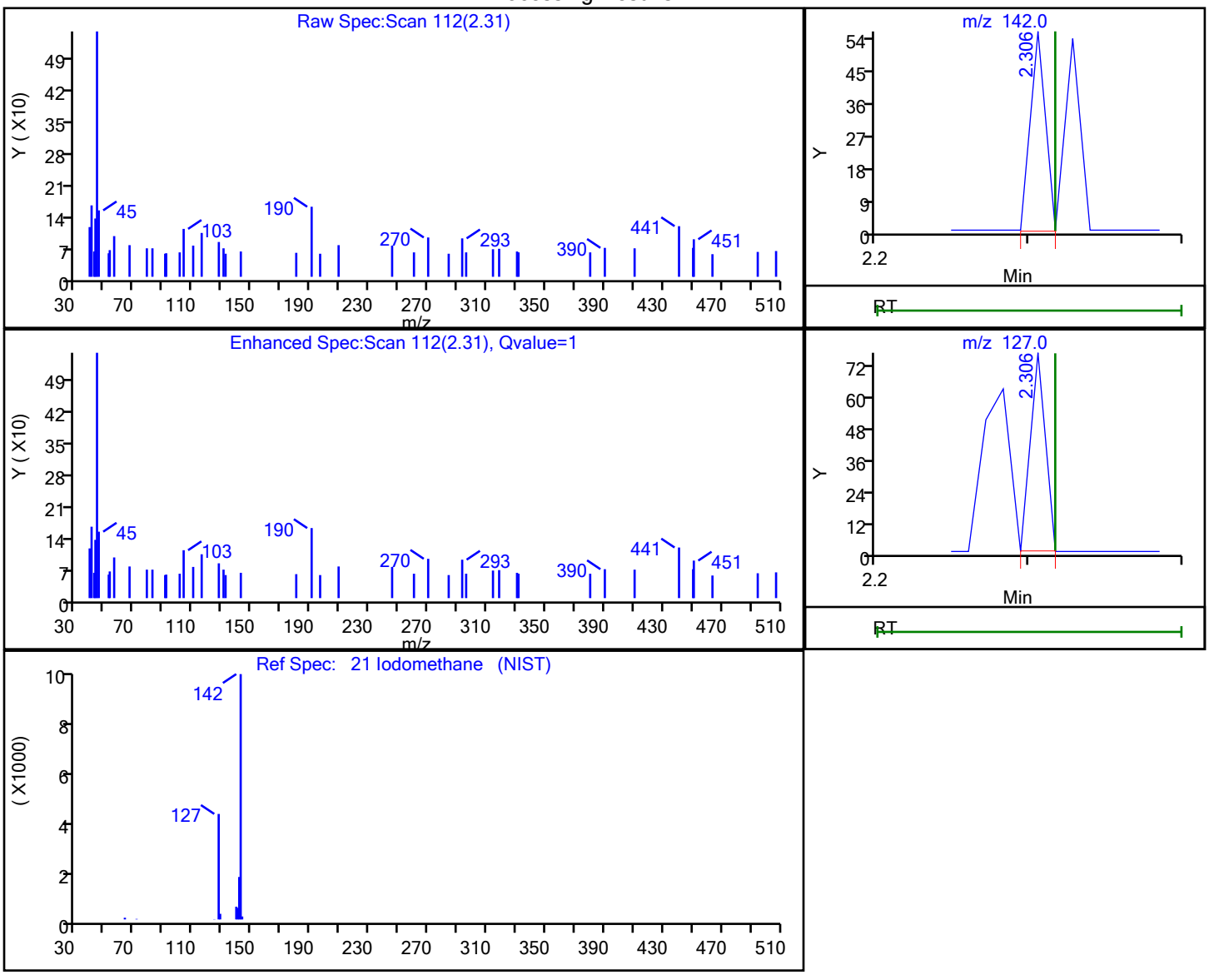
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

21 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.31	142.00	38	0.011153
2.31	127.00	53	

Reviewer: HVW2, 23-Jul-2023 16:26:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

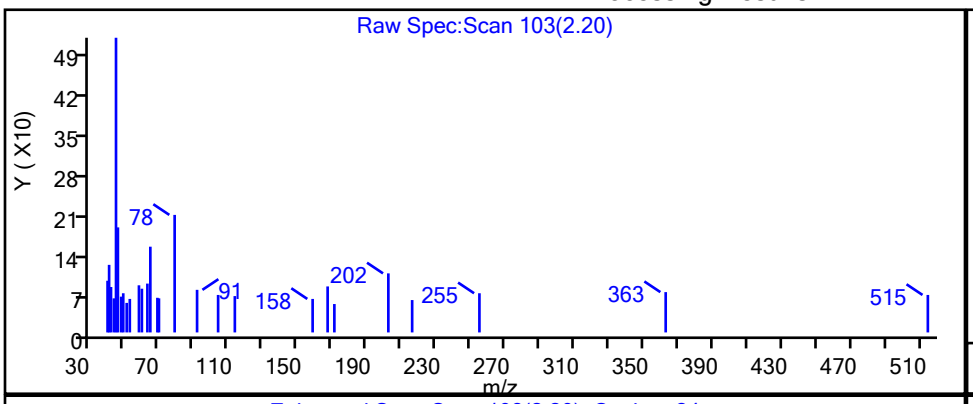
User Disabled Compound Report

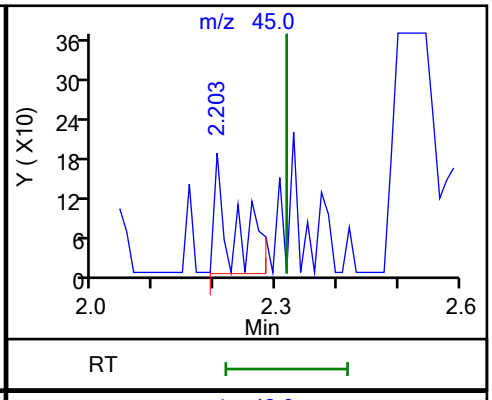
Eurofins Edison

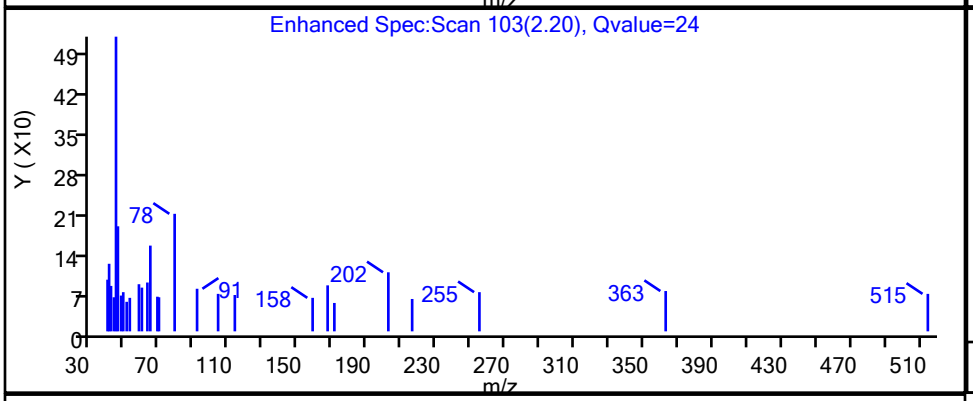
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

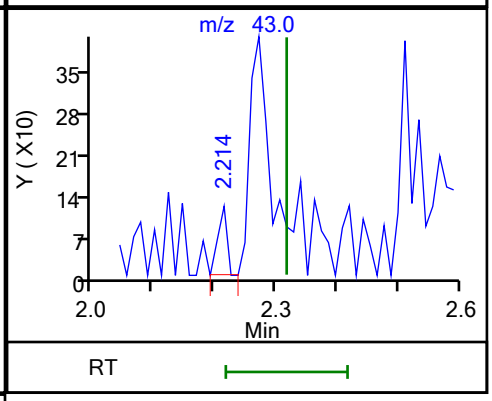
24 Isopropyl alcohol, CAS: 67-63-0

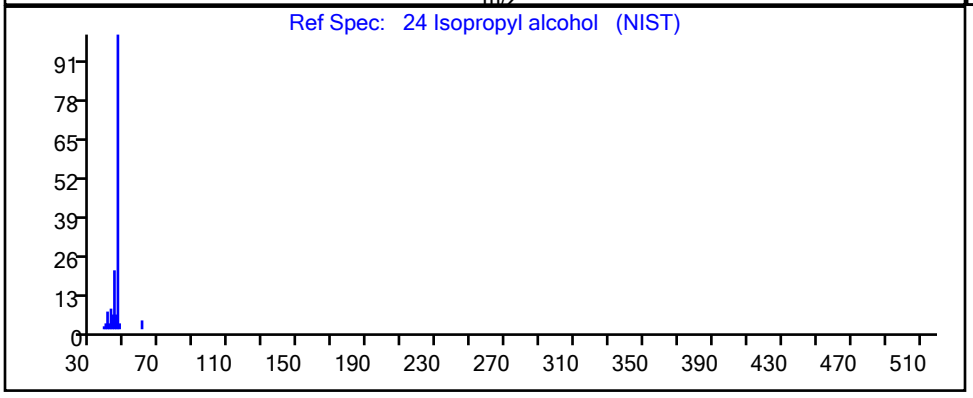
Processing Results











RT	Mass	Response	Amount
2.20	45.00	391	1.987545
2.21	43.00	122	

Reviewer: HVW2, 23-Jul-2023 16:26:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

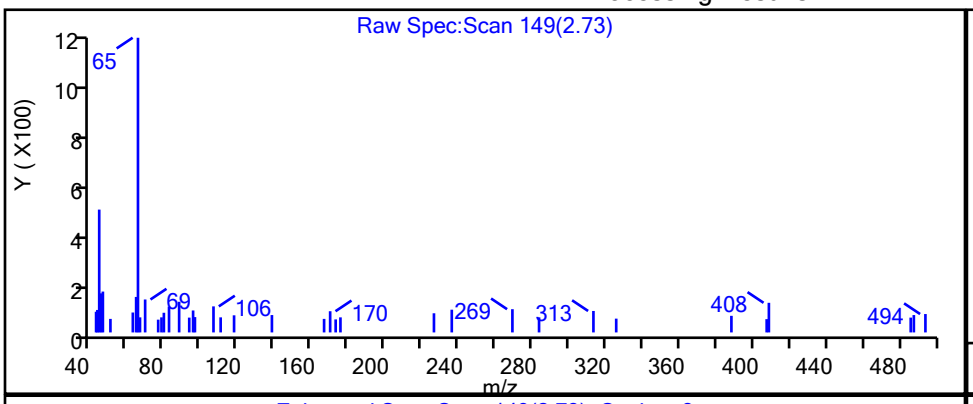
User Disabled Compound Report

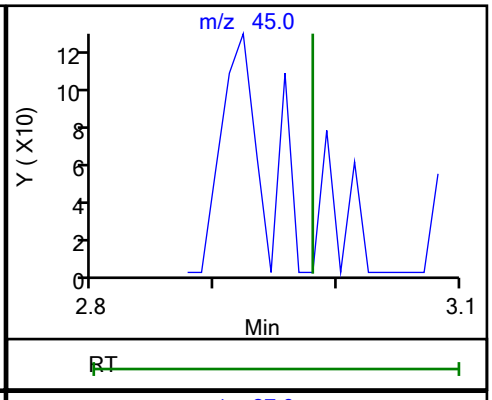
Eurofins Edison

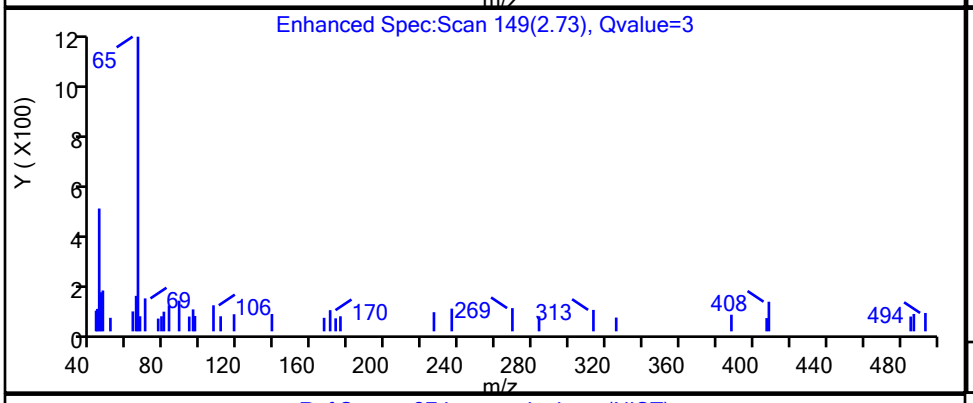
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

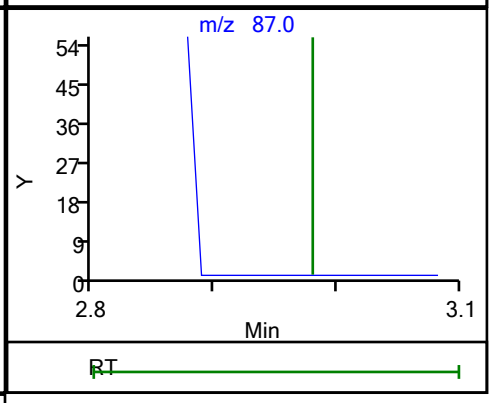
37 Isopropyl ether, CAS: 108-20-3

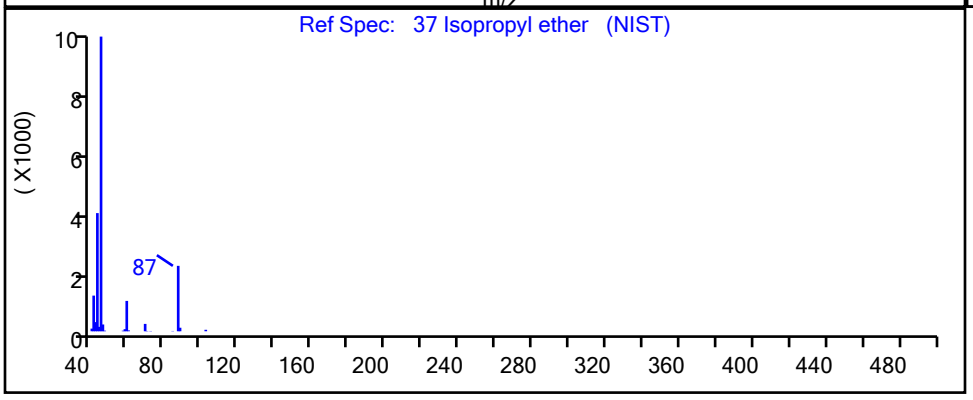
Processing Results











RT	Mass	Response	Amount
2.73	45.00	113	0.009272
2.73	87.00	175	

Reviewer: HVW2, 23-Jul-2023 16:27:21 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

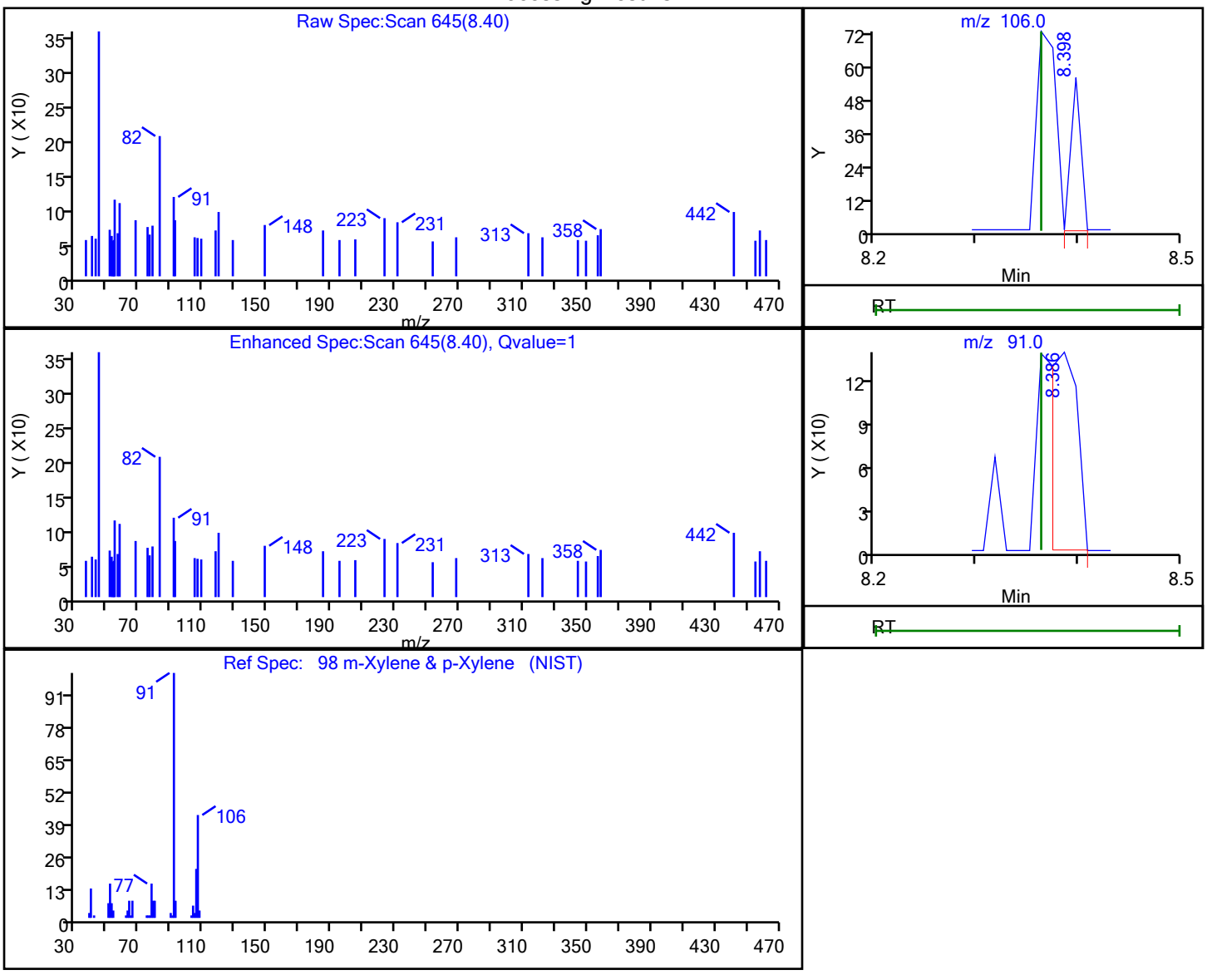
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.40	106.00	38	0.004777
8.39	91.00	265	

Reviewer: HVW2, 23-Jul-2023 16:27:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

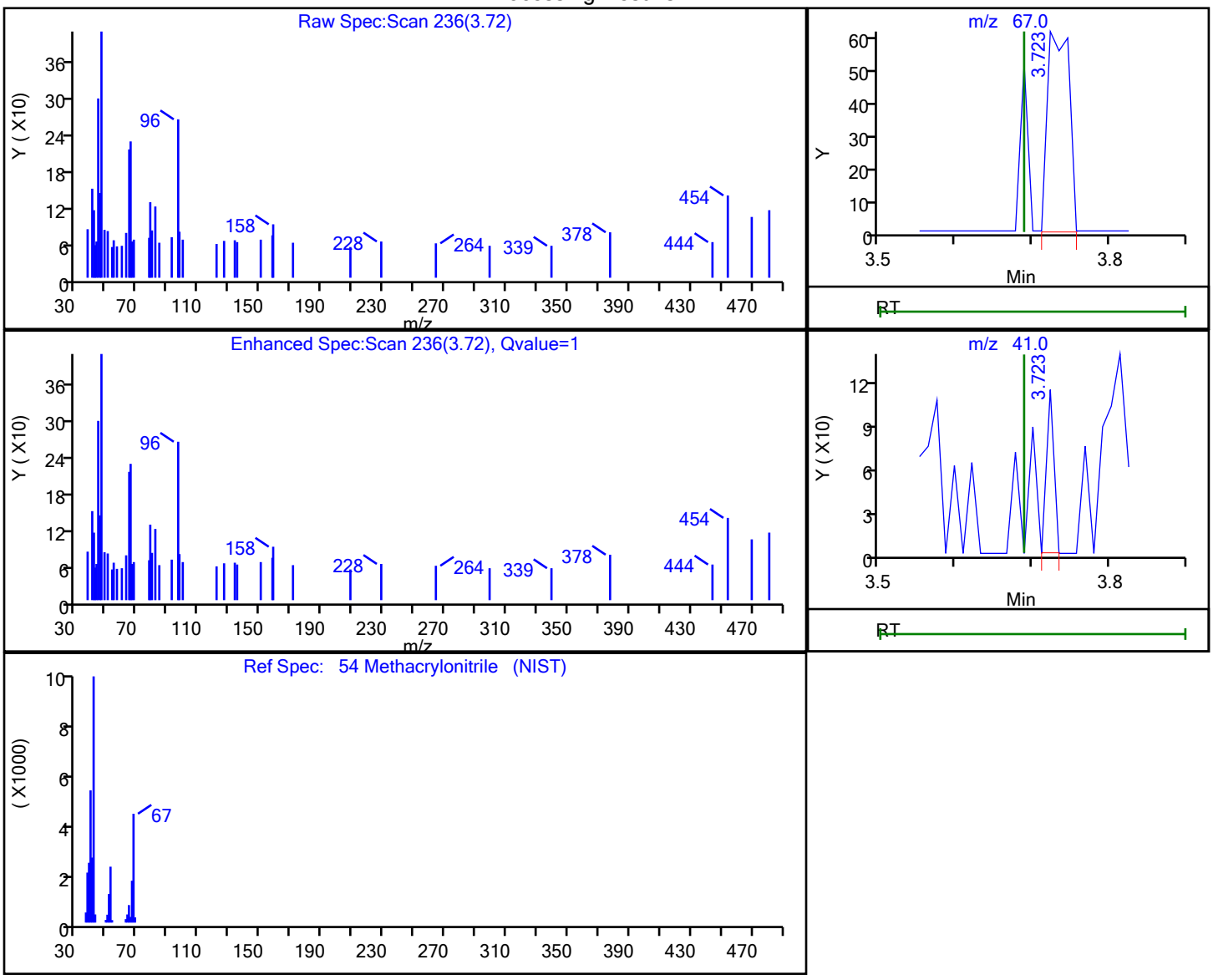
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

54 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.72	67.00	122	0.067909
3.72	41.00	75	

Reviewer: HVW2, 23-Jul-2023 16:27:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

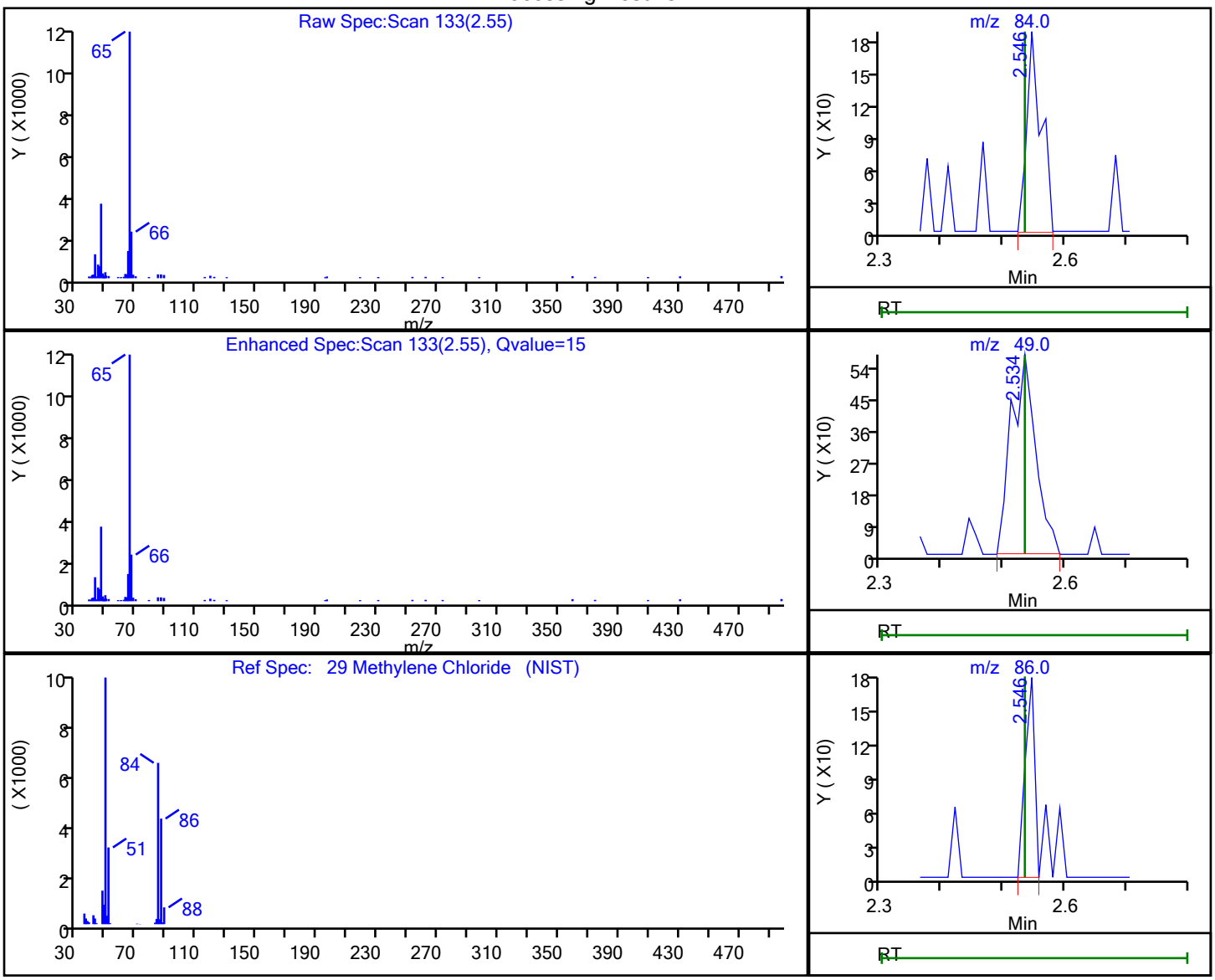
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

29 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.55	84.00	298	0.072334
2.53	49.00	1596	
2.55	86.00	192	

Reviewer: HVW2, 23-Jul-2023 16:26:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

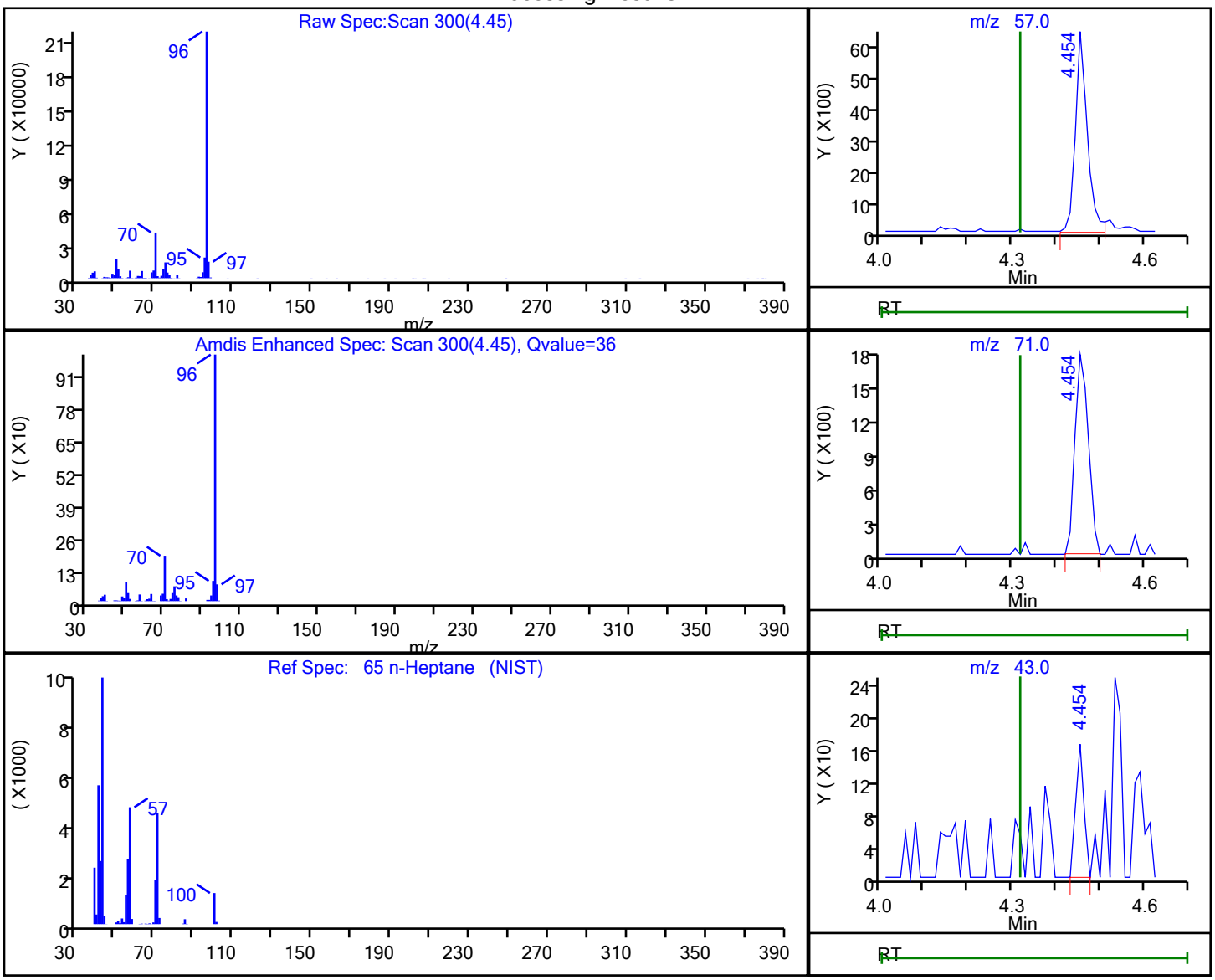
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.45	57.00	12118	5.748870
4.45	71.00	3682	
4.45	43.00	214	

Reviewer: HVW2, 23-Jul-2023 16:27:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

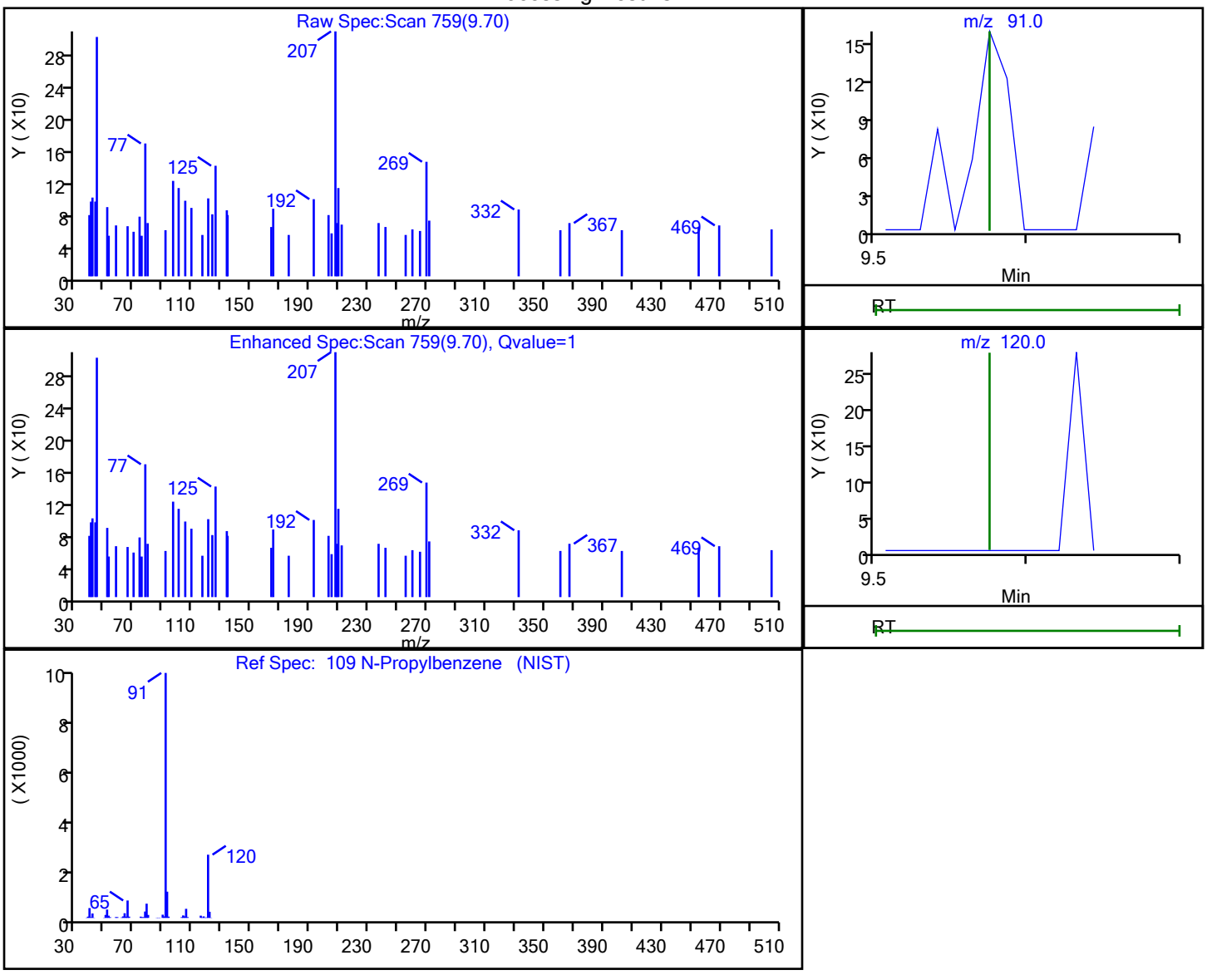
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

109 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.70	91.00	40	0.002111
9.70	120.00	106	

Reviewer: HVW2, 23-Jul-2023 16:27:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

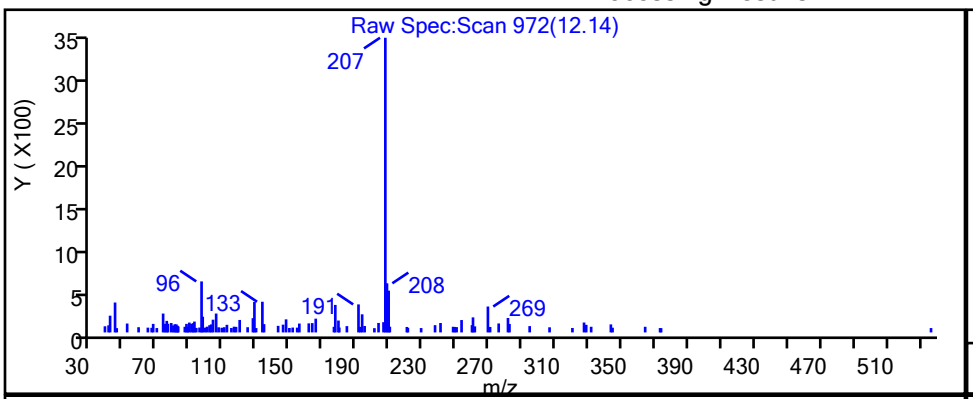
User Disabled Compound Report

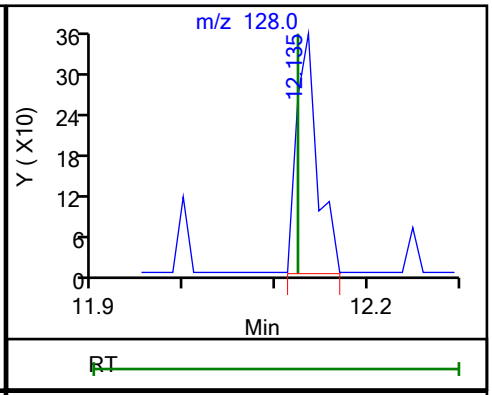
Eurofins Edison

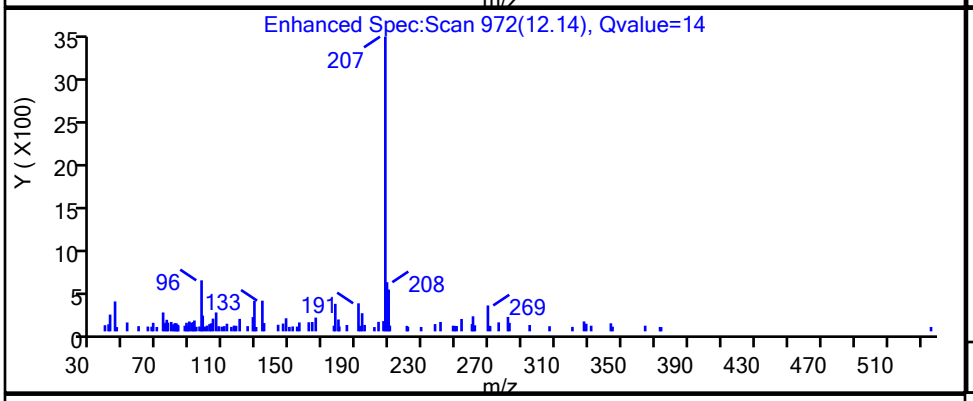
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

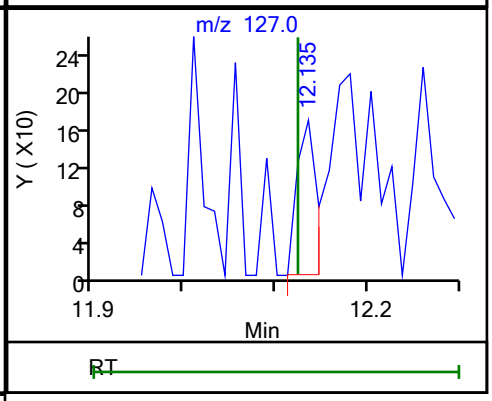
134 Naphthalene, CAS: 91-20-3

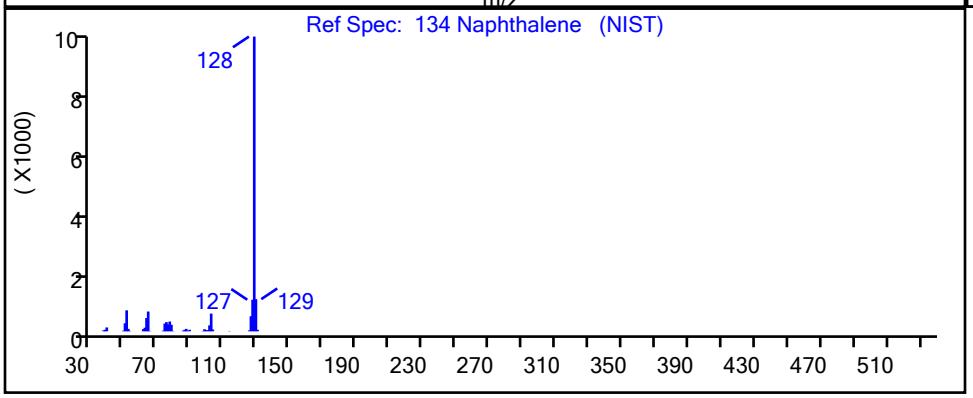
Processing Results











RT	Mass	Response	Amount
12.14	128.00	562	0.062240
12.14	127.00	249	

Reviewer: HVW2, 23-Jul-2023 16:28:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

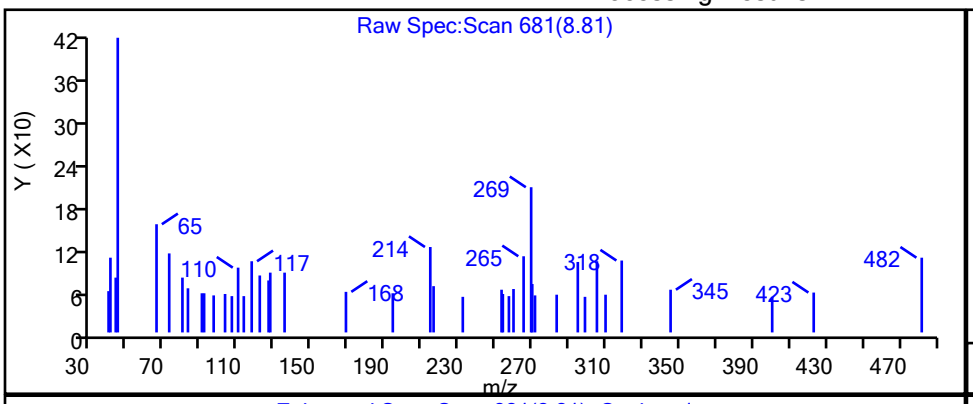
User Disabled Compound Report

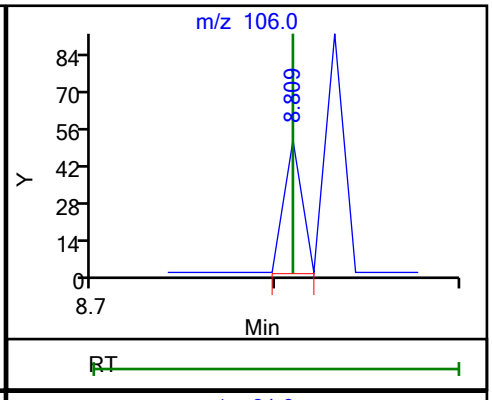
Eurofins Edison

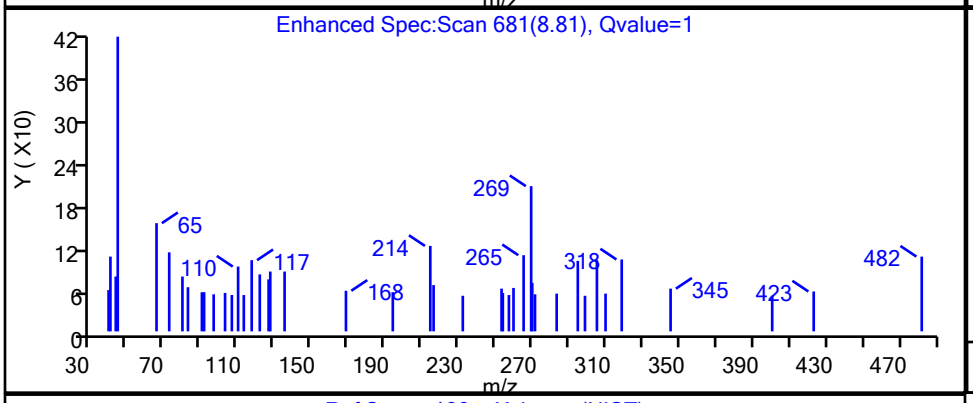
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D		
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	52 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

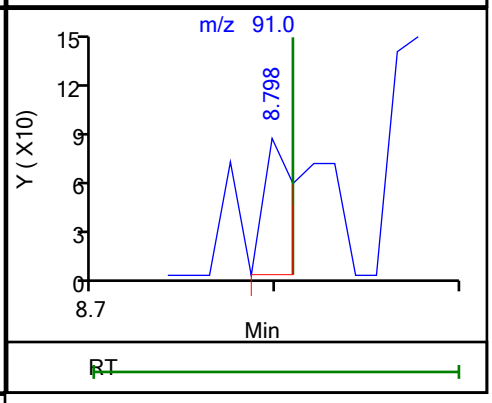
100 o-Xylene, CAS: 95-47-6

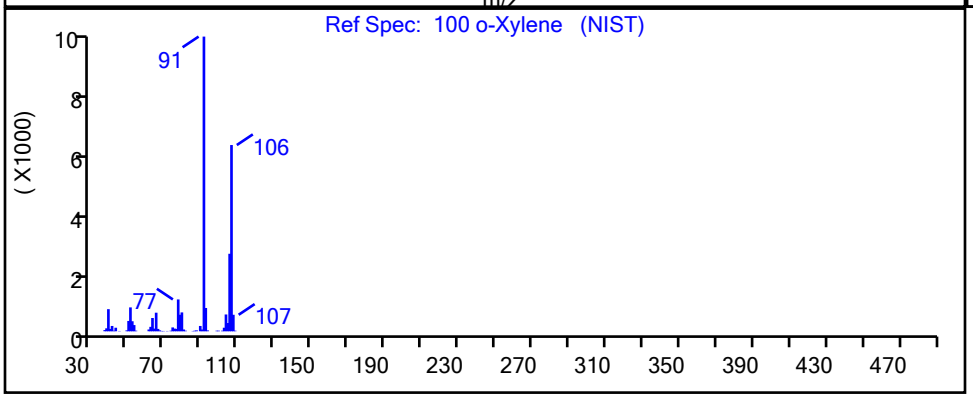
Processing Results











RT	Mass	Response	Amount
8.81	106.00	35	0.004481
8.80	91.00	94	

Reviewer: HVW2, 23-Jul-2023 16:27:41 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

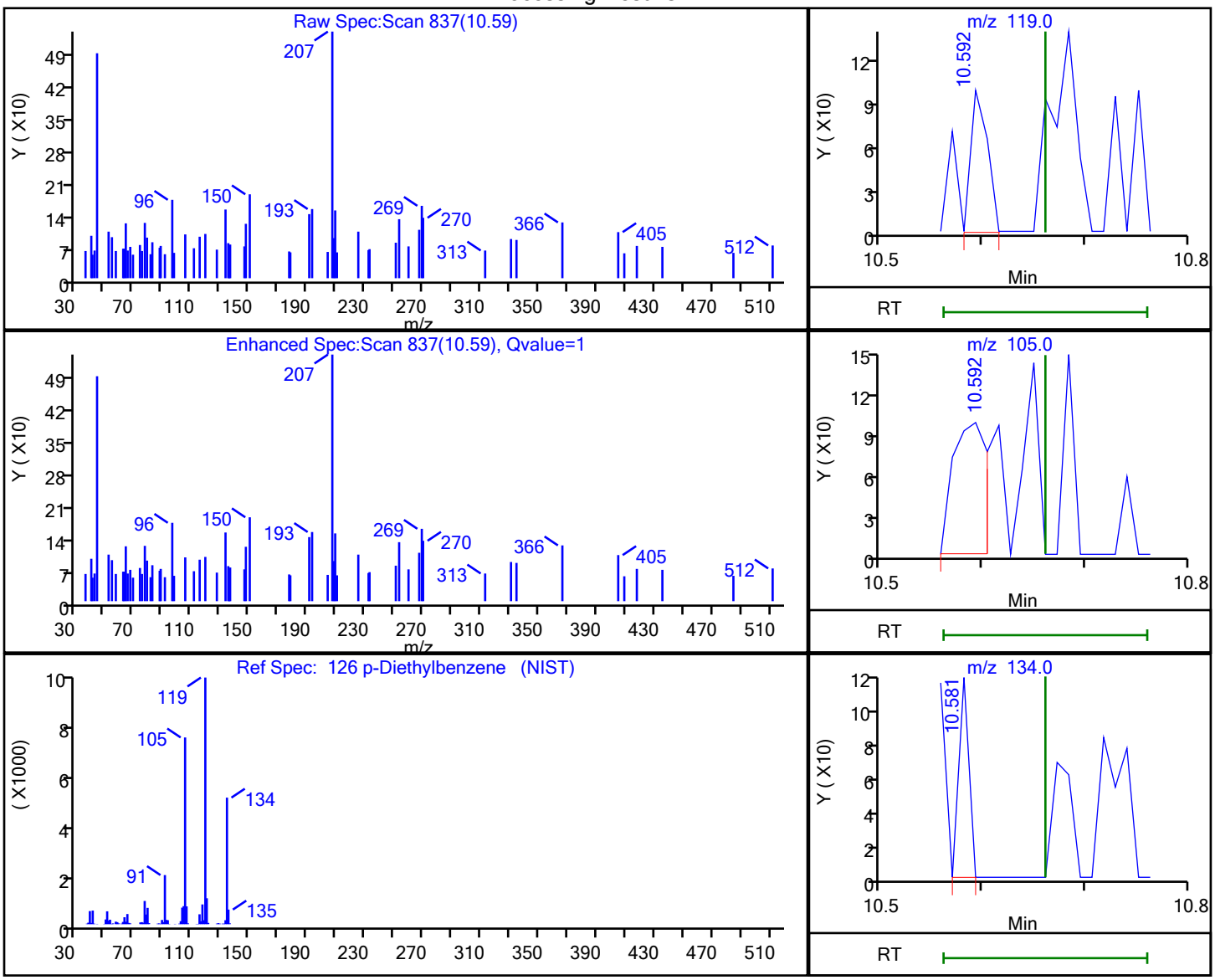
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.59	119.00	109	0.013751
10.59	105.00	225	
10.58	134.00	77	

Reviewer: HVW2, 23-Jul-2023 16:28:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

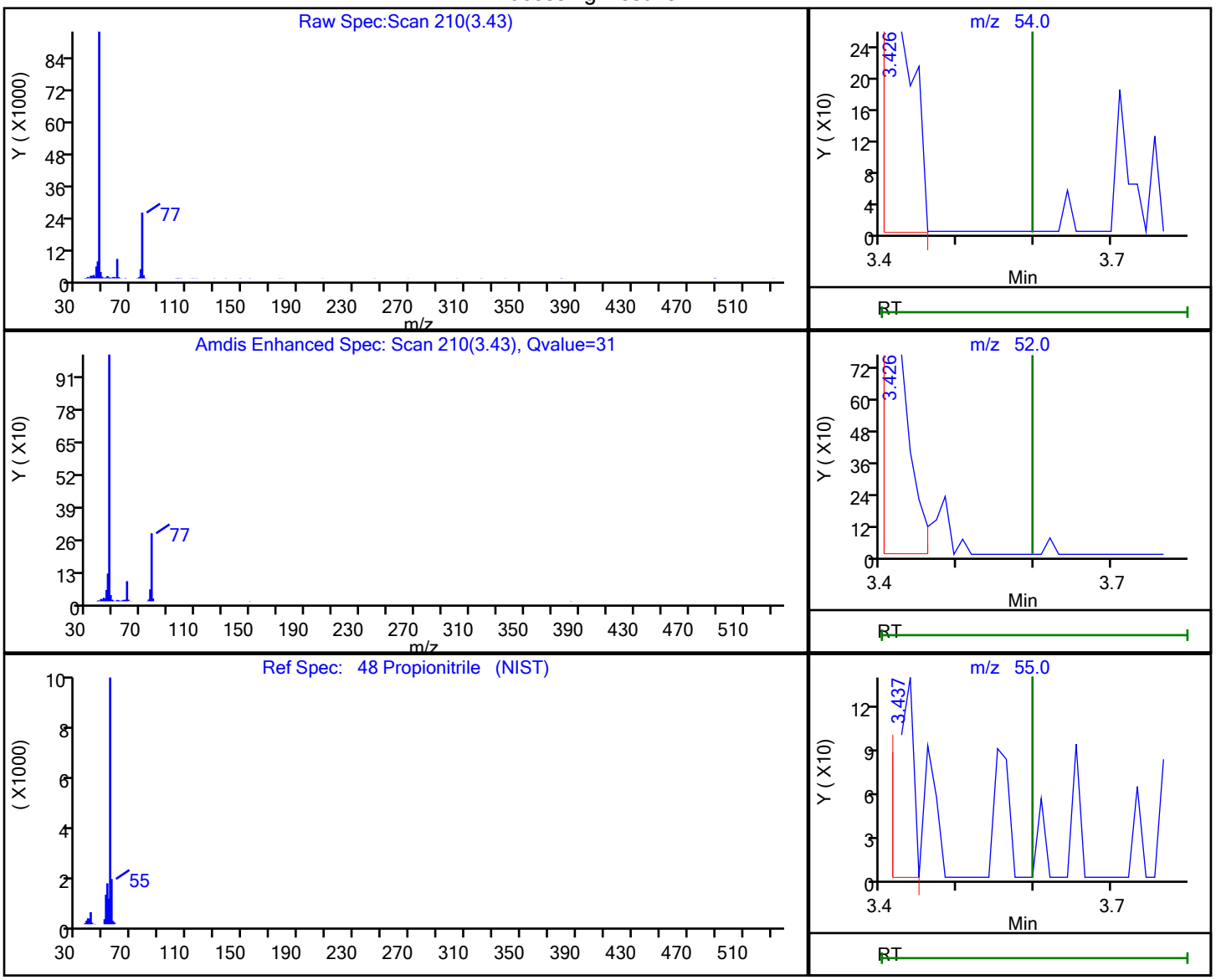
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.43	54.00	529	0.922062
3.43	52.00	1075	
3.44	55.00	155	

Reviewer: HVW2, 23-Jul-2023 16:27:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

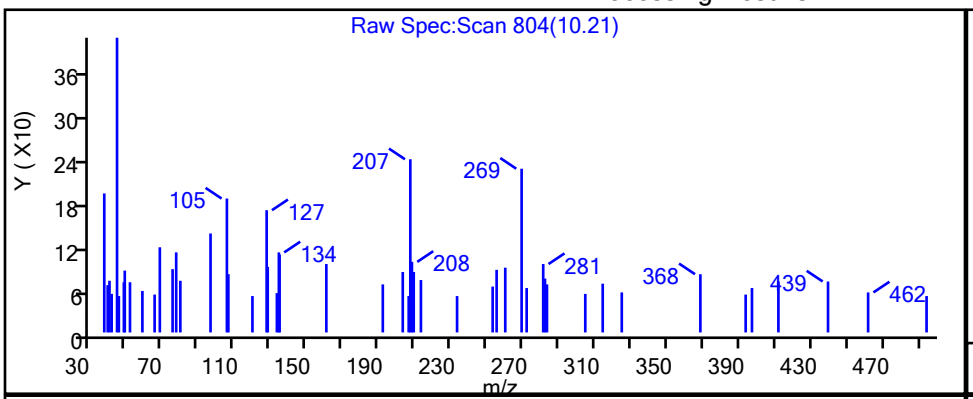
User Disabled Compound Report

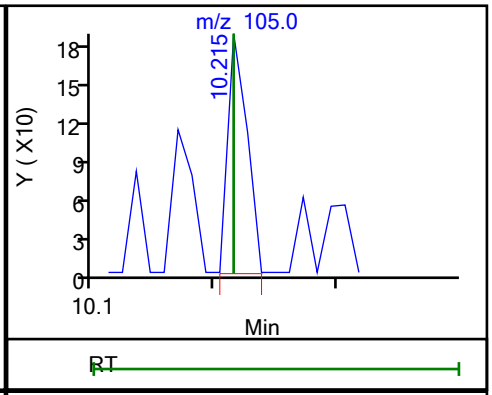
Eurofins Edison

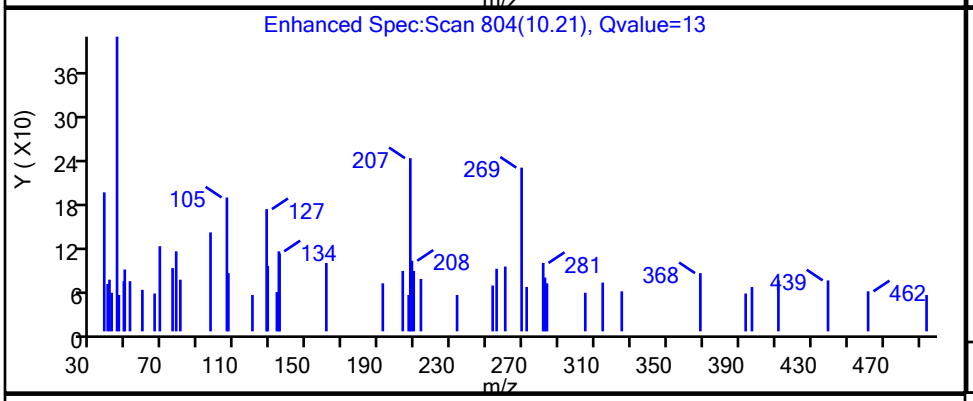
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

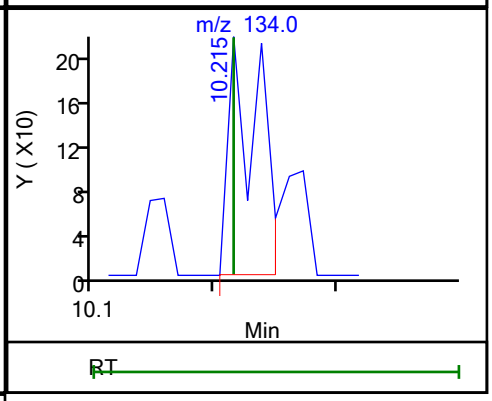
120 sec-Butylbenzene, CAS: 135-98-8

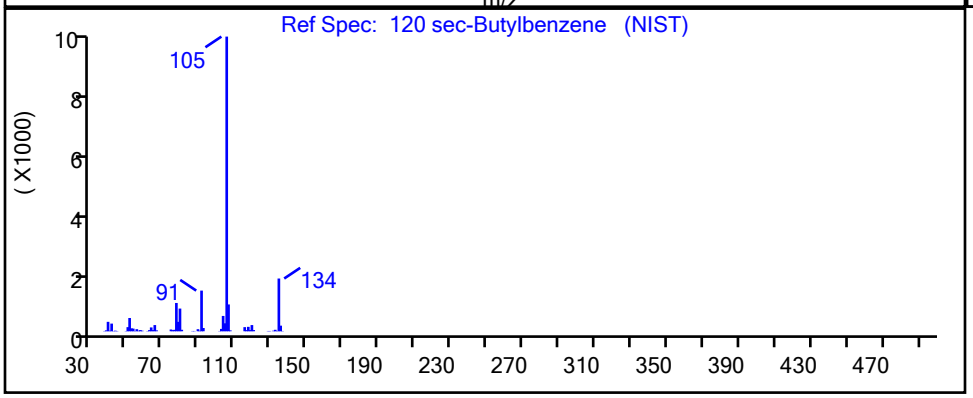
Processing Results











RT	Mass	Response	Amount
10.21	105.00	200	0.012637
10.21	134.00	376	

Reviewer: HVW2, 23-Jul-2023 16:27:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

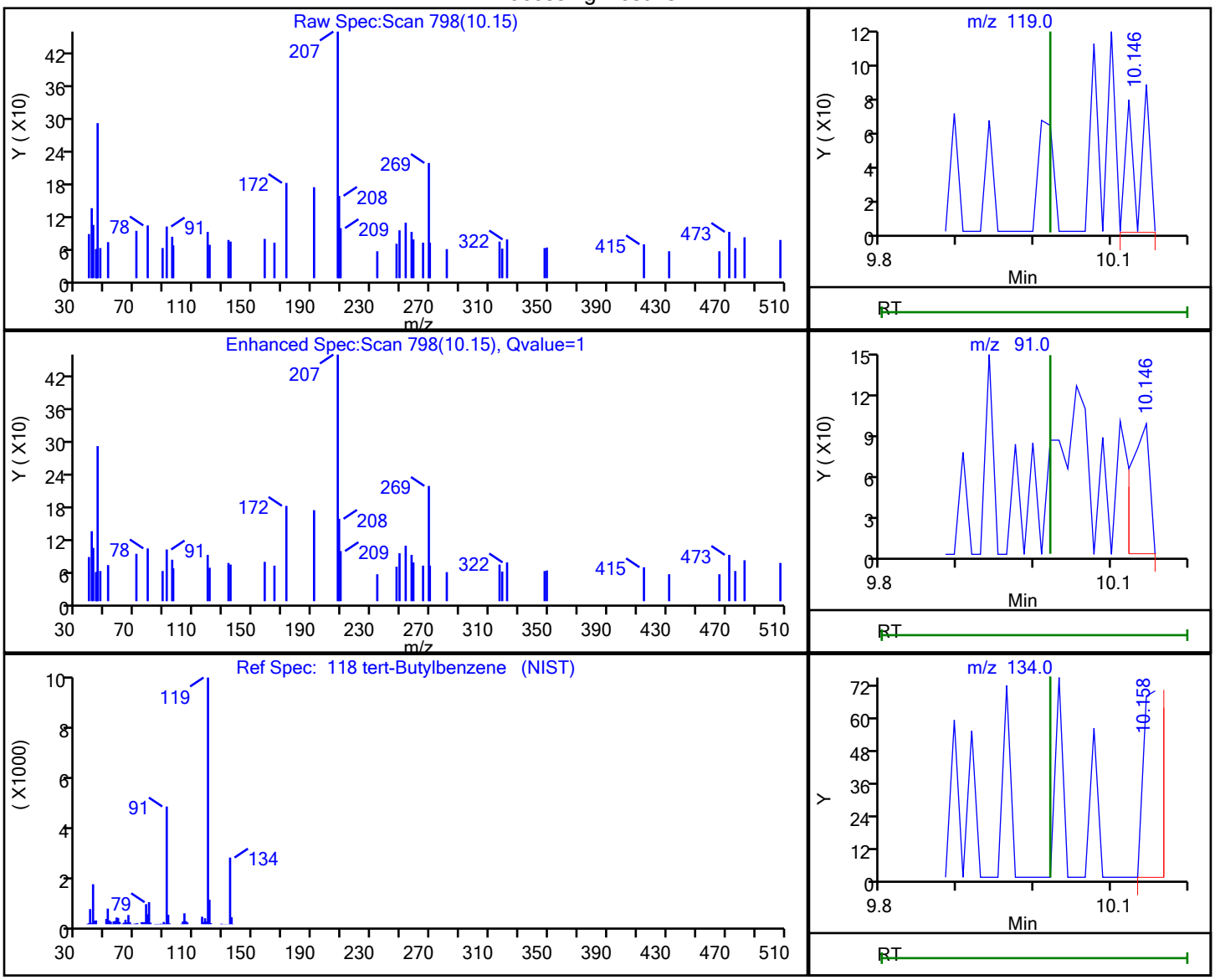
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

118 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.15	119.00	112	0.009954
10.15	91.00	163	
10.16	134.00	95	

Reviewer: HVW2, 23-Jul-2023 16:27:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

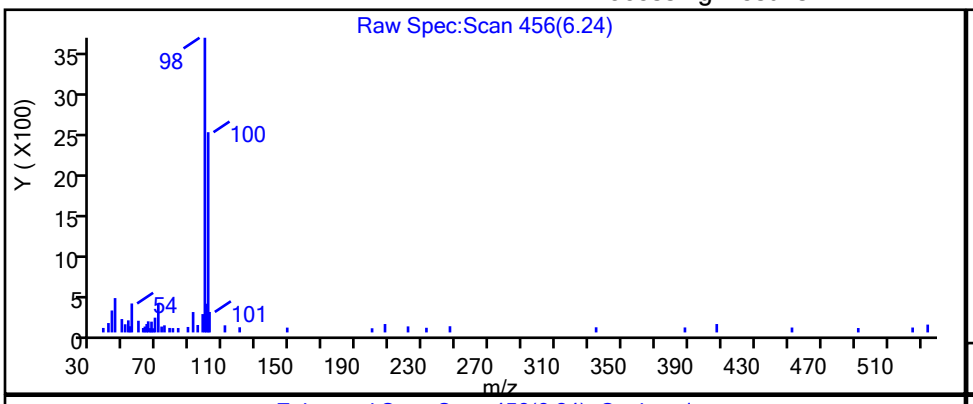
User Disabled Compound Report

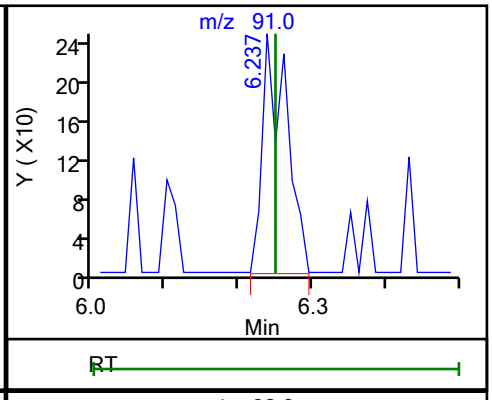
Eurofins Edison

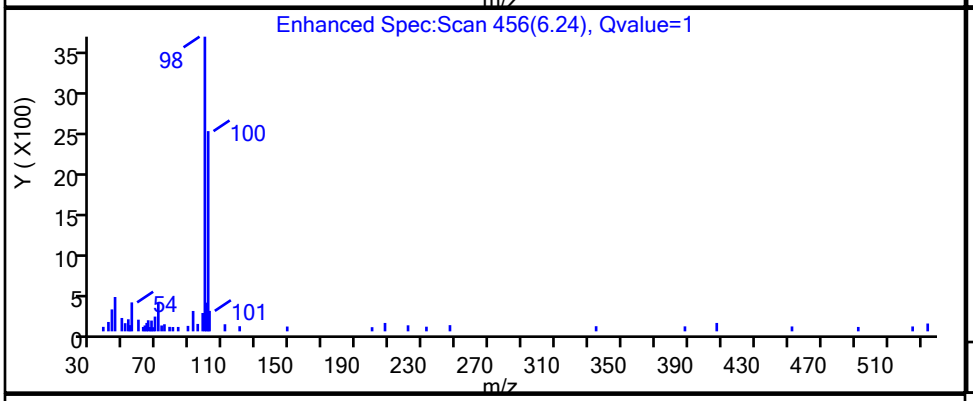
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

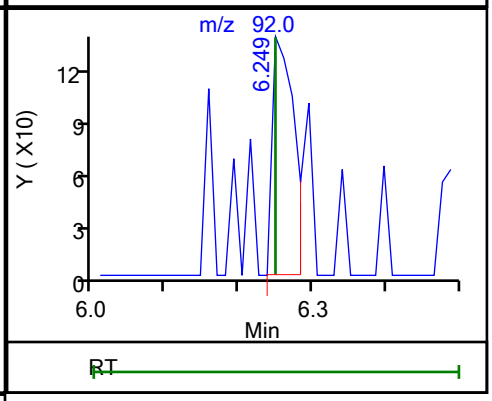
83 Toluene, CAS: 108-88-3

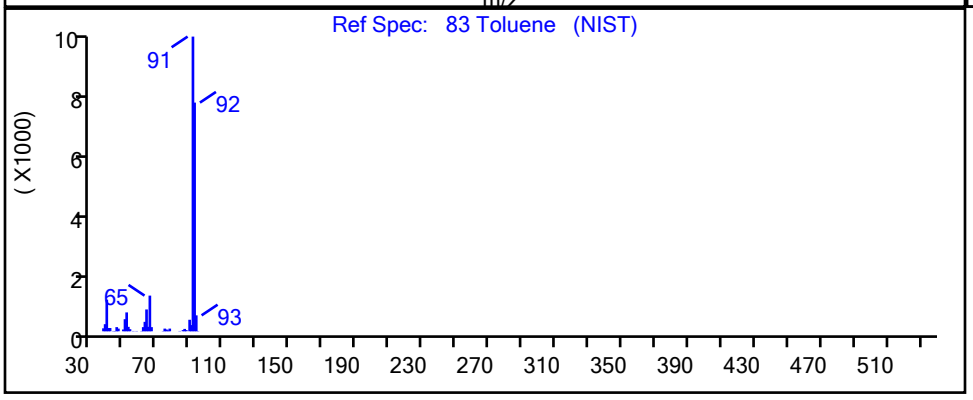
Processing Results











RT	Mass	Response	Amount
6.24	91.00	573	0.029617
6.25	92.00	278	

Reviewer: HVW2, 23-Jul-2023 16:27:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

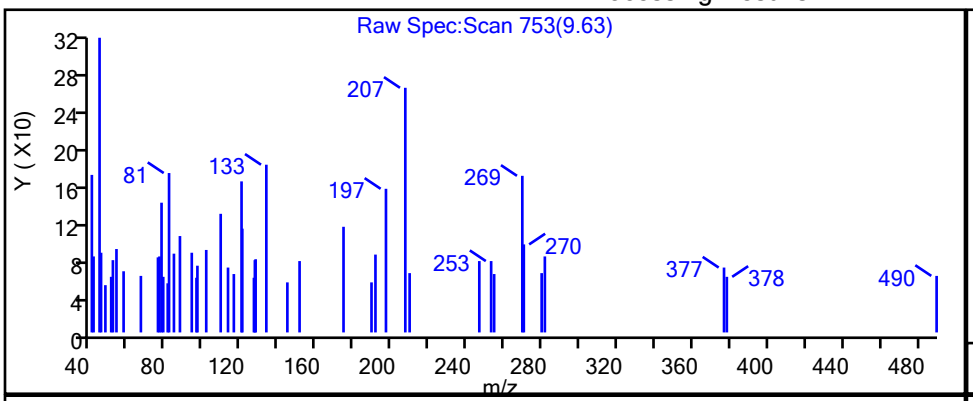
User Disabled Compound Report

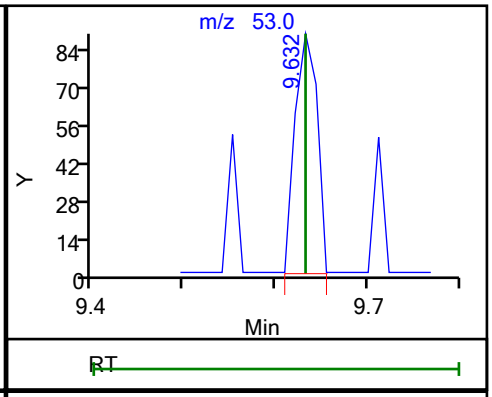
Eurofins Edison

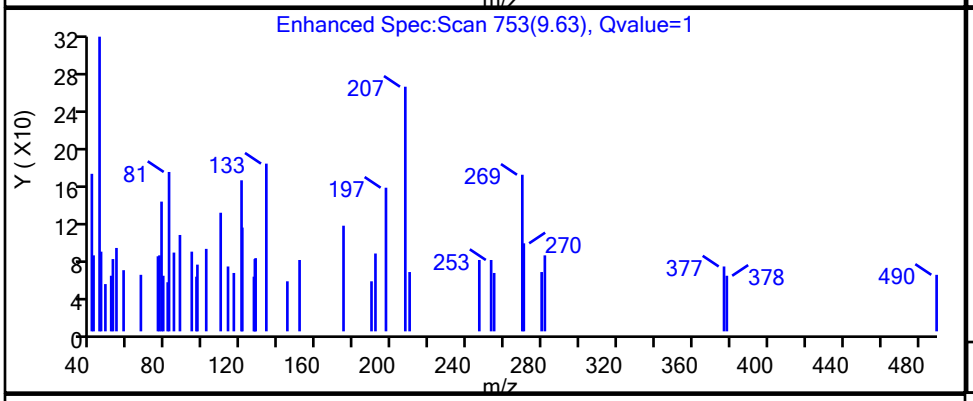
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

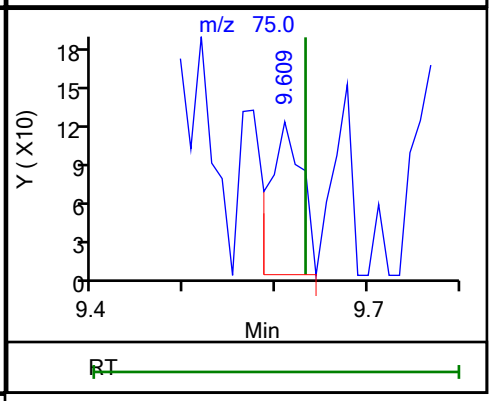
112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

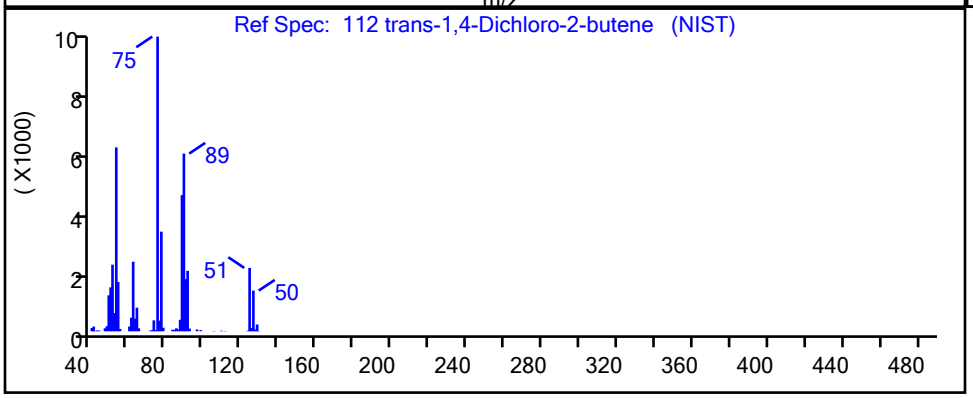
Processing Results











RT	Mass	Response	Amount
9.63	53.00	152	0.145667
9.61	75.00	294	

Reviewer: HVW2, 23-Jul-2023 16:27:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

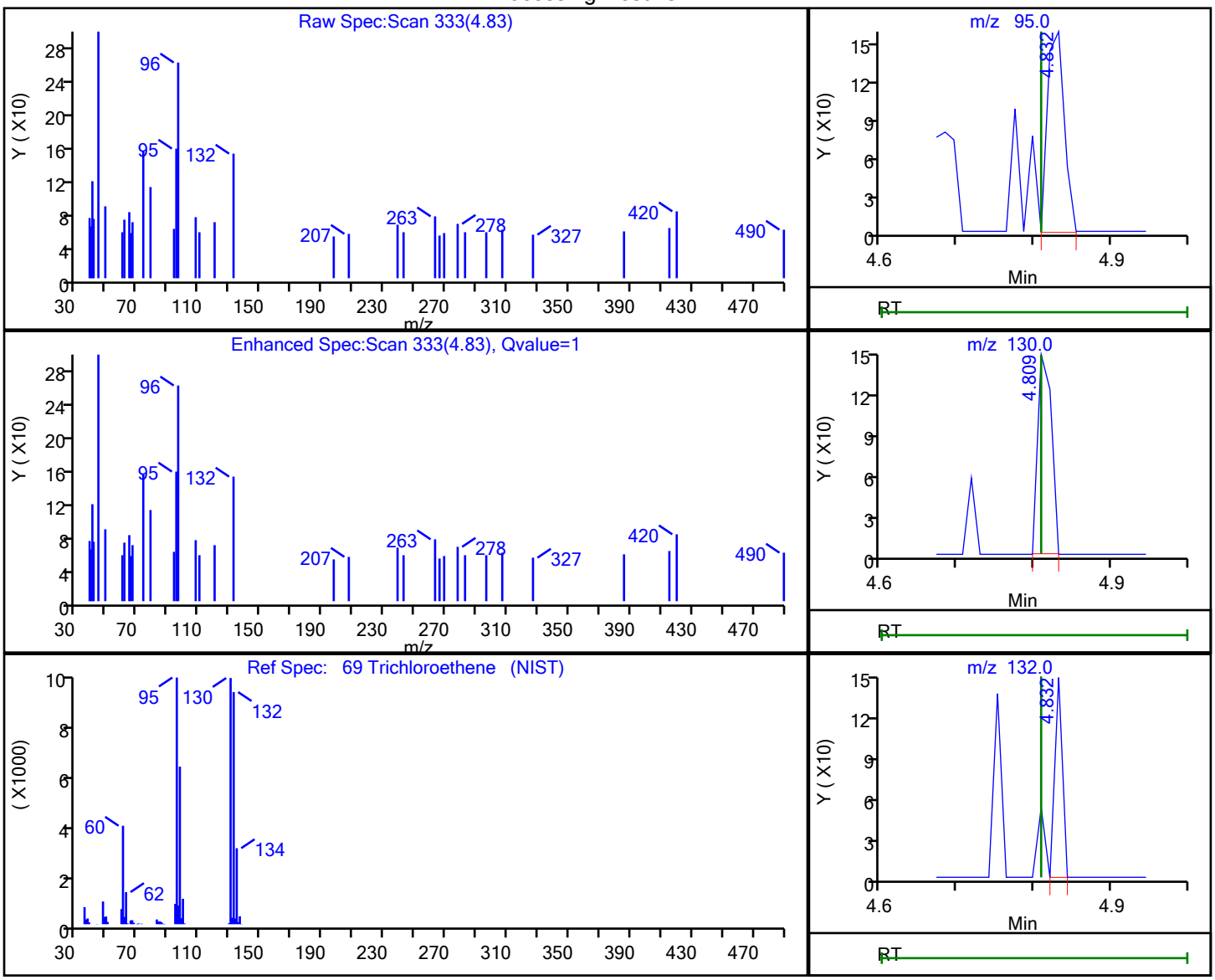
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.83	95.00	237	0.051878
4.81	130.00	187	
4.83	132.00	102	

Reviewer: HVW2, 23-Jul-2023 16:27:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

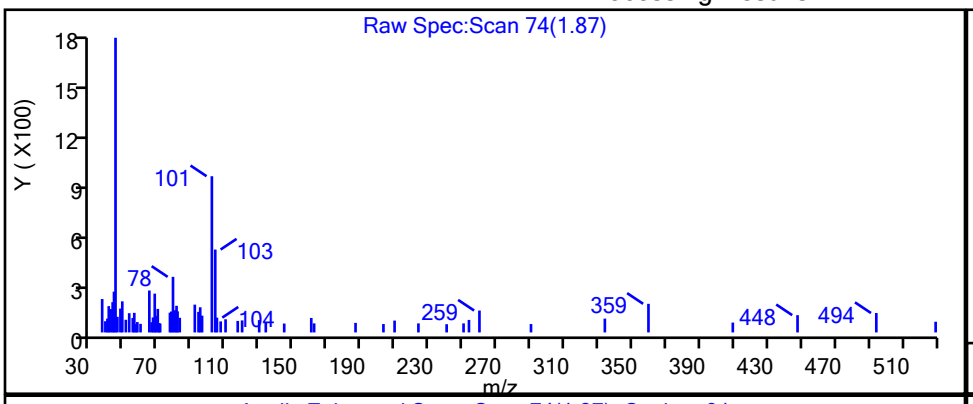
User Disabled Compound Report

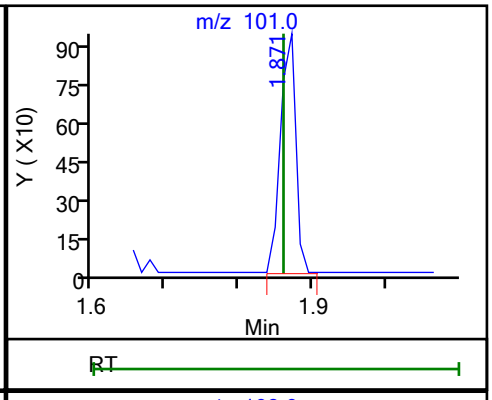
Eurofins Edison

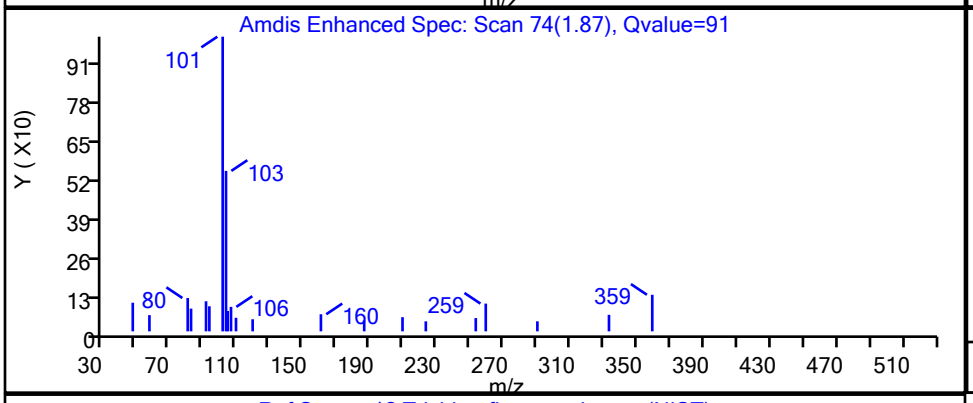
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D				
Injection Date:	23-Jul-2023 15:58:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

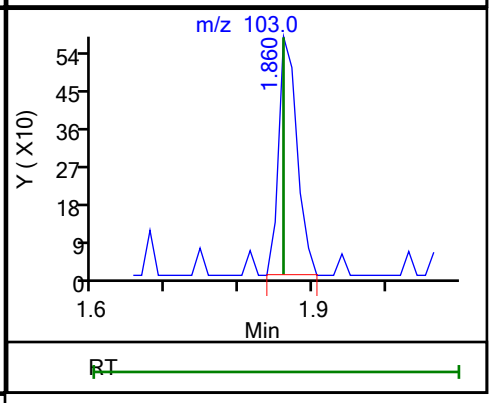
12 Trichlorofluoromethane, CAS: 75-69-4

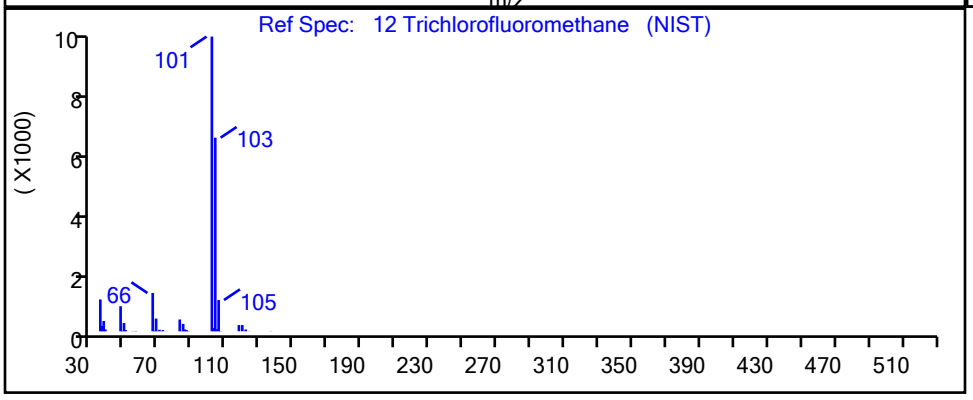
Processing Results











RT	Mass	Response	Amount
1.87	101.00	1379	0.252591
1.86	103.00	1014	

Reviewer: HVW2, 23-Jul-2023 16:26:44 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

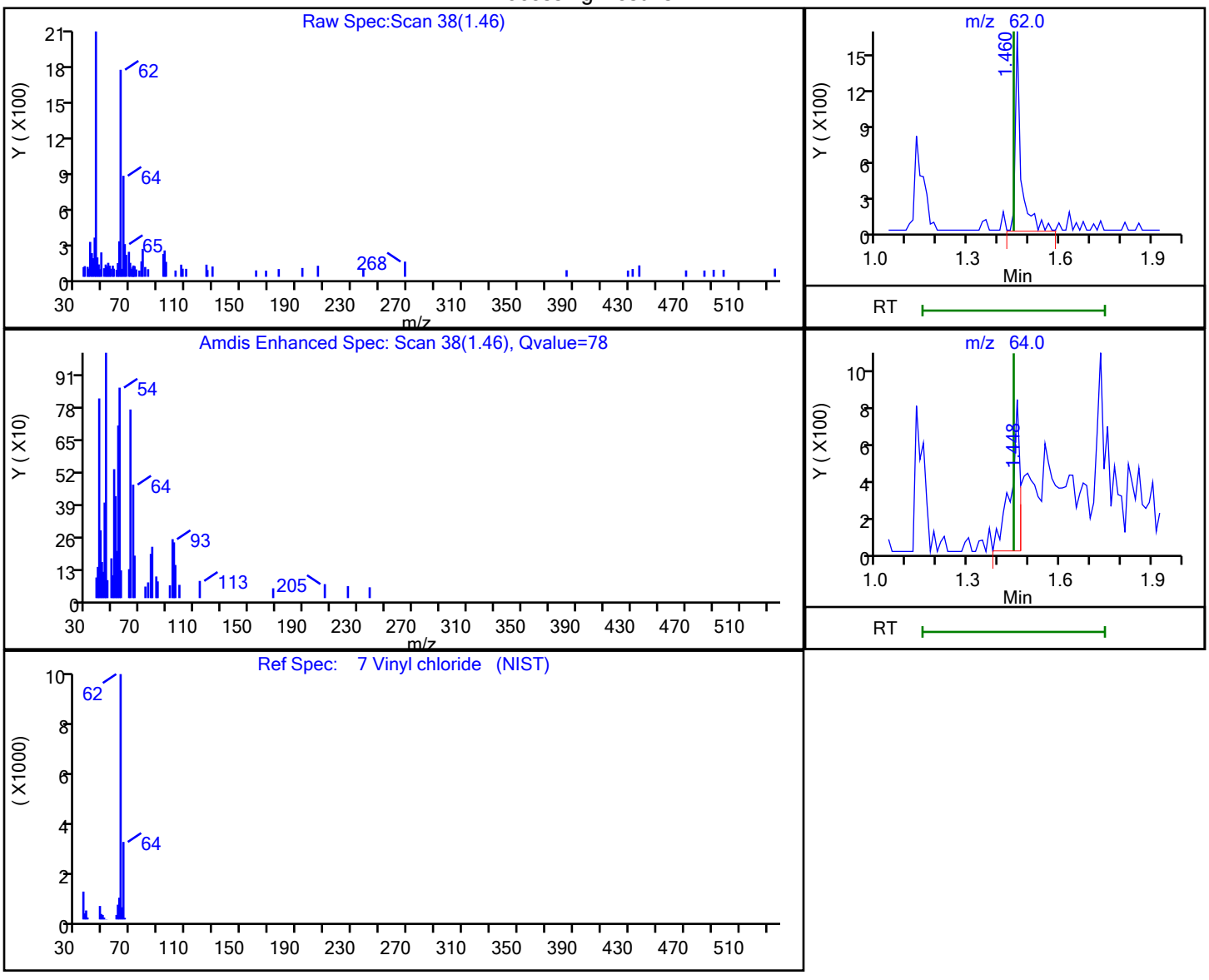
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41113.D
Injection Date: 23-Jul-2023 15:58:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.46	62.00	2119	0.484333
1.45	64.00	1744	

Reviewer: HVW2, 23-Jul-2023 16:26:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jul-2023 16:40:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0163741-005
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:12:52 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 17:02:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	80	2067	1.00	1.45	
4 1,1-Difluoroethane	65	1.265	1.254	0.011	72	2941	1.00	1.15	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	97	6305	1.00	1.13	M
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	1202	1.00	1.68	
6 Chloromethane	50	1.414	1.403	0.011	98	7210	1.00	1.18	
7 Vinyl chloride	62	1.460	1.448	0.012	94	8339	1.00	1.22	
8 Butadiene	54	1.471	1.471	0.000	96	7002	1.00	1.07	
9 Bromomethane	94	1.677	1.666	0.011	91	2994	1.00	1.30	M
10 Chloroethane	64	1.734	1.723	0.011	97	5092	1.00	1.37	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	92	9434	1.00	1.22	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	97	6934	1.00	1.15	
13 Pentane	72	1.894	1.883	0.011	97	2031	2.00	2.25	
17 Ethanol	46	2.020	1.997	0.023	57	1061	40.0	46.7	M
14 Ethyl ether	74	2.043	2.031	0.012	98	3414	1.00	1.03	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	87	5259	1.00	1.20	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.065	2.054	0.011	86	4635	1.00	1.20	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	96	8093	1.00	1.08	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.157	0.011	90	5321	1.00	1.18	
52 Acrolein	56	2.180	2.168	0.012	81	3562	4.00	3.75	
20 1,1-Dichloroethene	96	2.203	2.191	0.012	97	5406	1.00	1.15	
23 Acetone	43	2.260	2.248	0.012	89	7778	5.00	5.94	
21 Iodomethane	142	2.317	2.317	0.000	88	1727	1.00	0.4649	
24 Isopropyl alcohol	45	2.340	2.317	0.023	27	2625	10.0	11.1	a
22 Carbon disulfide	76	2.351	2.351	0.000	99	20499	1.00	1.24	
30 Methyl acetate	43	2.454	2.431	0.023	77	7842	2.00	2.02	
26 3-Chloro-1-propene	76	2.443	2.431	0.012	93	4143	1.00	1.11	
25 Cyclopentene	67	2.466	2.454	0.012	94	12782	1.00	1.09	
27 Acetonitrile	41	2.500	2.488	0.012	21	4122	10.0	8.08	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	29164	1000.0	1000.0	
29 Methylene Chloride	84	2.546	2.534	0.012	84	6949	1.00	1.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.580	2.568	0.012	95	5715	10.0	15.3	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	98	16185	1.00	1.10	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	92	5934	1.00	1.10	
35 Acrylonitrile	53	2.751	2.740	0.011	98	21360	10.0	9.75	
36 Hexane	57	2.820	2.808	0.012	90	6709	1.00	0.9822	
37 Isopropyl ether	45	2.980	2.980	0.000	94	14690	1.00	1.00	
38 1,1-Dichloroethane	63	3.026	3.014	0.012	98	10752	1.00	1.17	
40 Vinyl acetate	86	3.048	3.014	0.034	96	1680	2.00	1.79	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	87	5510	1.00	1.09	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	89	15914	1.00	1.08	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	98	214151	250.0	250.0	
43 2,2-Dichloropropane	97	3.448	3.449	-0.001	49	1941	1.00	1.10	
45 cis-1,2-Dichloroethene	96	3.483	3.471	0.012	96	6728	1.00	1.15	
44 2-Butanone (MEK)	72	3.483	3.471	0.012	96	3628	5.00	5.47	
47 Ethyl acetate	70	3.506	3.471	0.035	95	1162	2.00	2.03	
46 Methyl acrylate	55	3.551	3.529	0.022	98	4096	1.00	0.9166	
48 Propionitrile	54	3.609	3.597	0.011	93	8443	10.0	10.3	
49 Chlorobromomethane	128	3.689	3.677	0.011	90	2734	1.00	1.17	
50 Tetrahydrofuran	72	3.689	3.677	0.011	35	1805	2.00	2.28	
54 Methacrylonitrile	67	3.700	3.689	0.011	88	26639	10.0	10.4	
51 Chloroform	83	3.734	3.723	0.011	96	9320	1.00	1.16	
53 Cyclohexane	84	3.849	3.837	0.012	89	8871	1.00	1.05	
55 1,1,1-Trichloroethane	97	3.860	3.849	0.011	71	7030	1.00	1.14	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	114982	50.0	47.8	
57 Carbon tetrachloride	117	3.963	3.963	0.000	90	5386	1.00	1.18	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	96	7583	1.00	1.07	
61 Isobutyl alcohol	43	4.146	4.123	0.023	42	6242	25.0	26.5	a
64 Isooctane	57	4.146	4.146	0.000	97	11841	1.00	0.9189	
59 Benzene	78	4.180	4.180	0.000	91	25971	1.00	1.11	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	90	110189	50.0	46.1	
66 Isopropyl acetate	87	4.237	4.226	0.011	87	4574	1.00	0.9838	
62 Tert-amyl methyl ether	73	4.237	4.226	0.011	87	17090	1.00	1.10	a
63 1,2-Dichloroethane	62	4.271	4.271	0.000	95	6300	1.00	1.19	
65 n-Heptane	57	4.329	4.317	0.012	86	2938	1.00	0.9884	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	495629	50.0	50.0	
69 Trichloroethene	95	4.820	4.809	0.011	94	6364	1.00	1.18	
72 Methylcyclohexane	83	4.934	4.923	0.011	93	8549	1.00	0.9892	
71 Ethyl acrylate	99	4.934	4.923	0.011	82	619	1.00	0.7760	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	90	5778	1.00	1.08	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	86	30578	1000.0	1000.0	
74 Methyl methacrylate	100	5.186	5.174	0.012	88	3051	2.00	1.93	
78 1,4-Dioxane	88	5.243	5.220	0.023	47	4109	50.0	59.7	
75 Dibromomethane	93	5.232	5.232	0.000	89	3538	1.00	1.18	
77 n-Propyl acetate	43	5.254	5.232	0.022	97	7604	1.00	1.08	
76 Dichlorobromomethane	83	5.392	5.392	0.000	98	6793	1.00	1.18	
34 2-Nitropropane	41	5.734	5.723	0.011	92	2079	2.00	2.59	
79 2-Chloroethyl vinyl ether	63	5.757	5.746	0.011	85	3461	1.00	1.00	
80 Epichlorohydrin	57	5.872	5.849	0.023	97	12949	20.0	23.2	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	89	8993	1.00	1.06	
84 4-Methyl-2-pentanone (MIBK)	43	6.089	6.077	0.012	92	22808	5.00	5.42	
$ 82 Toluene-d8 (Surr)	98	6.169	6.157	0.012	100	570583	50.0	46.7	
83 Toluene	91	6.249	6.249	0.000	95	26958	1.00	1.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	7163	1.00	1.02	
86 Ethyl methacrylate	69	6.683	6.672	0.011	77	4707	1.00	0.7513	
87 1,1,2-Trichloroethane	83	6.889	6.877	0.012	86	4127	1.00	1.02	
88 Tetrachloroethene	166	6.923	6.912	0.011	91	4748	1.00	1.14	
89 1,3-Dichloropropane	76	7.117	7.106	0.011	89	9218	1.00	1.12	
91 2-Hexanone	43	7.197	7.175	0.022	94	14451	5.00	5.20	
92 n-Butyl acetate	43	7.335	7.323	0.012	94	7060	1.00	1.03	
90 Chlorodibromomethane	129	7.369	7.369	0.000	97	3859	1.00	1.06	
93 Ethylene Dibromide	107	7.529	7.529	0.000	97	4535	1.00	1.02	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	84	363419	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	96	15206	1.00	1.12	
97 Ethylbenzene	106	8.226	8.226	0.000	98	8276	1.00	1.09	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	91	3587	1.00	0.99	
98 m-Xylene & p-Xylene	106	8.375	8.363	0.012	97	9486	1.00	1.01	
100 o-Xylene	106	8.809	8.809	0.000	94	9982	1.00	1.10	
99 n-Butyl acrylate	73	8.820	8.821	0.000	96	2883	1.00	0.8008	
101 Styrene	104	8.843	8.843	0.000	96	13025	1.00	0.9065	
102 Amyl acetate (mixed isomers)	43	9.060	9.049	0.011	90	6785	1.00	0.9397	
103 Bromoform	173	9.060	9.061	-0.001	56	1471	1.00	0.7850	
104 Isopropylbenzene	105	9.175	9.175	0.000	94	24711	1.00	1.12	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	-0.001	0	111206	50.0	46.2	
107 Bromobenzene	156	9.506	9.506	0.000	93	4635	1.00	1.08	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	52	6882	1.00	1.11	
109 N-Propylbenzene	91	9.586	9.575	0.011	99	27148	1.00	1.04	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	91	1657	1.00	1.04	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	63	1845	1.00	1.27	
114 2-Chlorotoluene	91	9.678	9.678	0.000	94	17867	1.00	1.06	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	21257	1.00	1.02	
116 1,3,5-Trimethylbenzene	105	9.758	9.758	0.000	93	19012	1.00	1.12	
110 4-Chlorotoluene	91	9.792	9.792	0.000	96	17741	1.00	1.10	
117 Butyl Methacrylate	87	9.861	9.861	0.000	85	4603	1.00	0.8097	
118 tert-Butylbenzene	119	10.032	10.021	0.011	96	16217	1.00	1.17	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	96	17554	1.00	1.04	
120 sec-Butylbenzene	105	10.226	10.215	0.011	99	22126	1.00	1.06	
121 4-Isopropyltoluene	119	10.352	10.341	0.011	98	15164	1.00	0.9481	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	92	8955	1.00	1.09	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	151900	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	9330	1.00	1.10	
123 1,2,3-Trimethylbenzene	105	10.443	10.444	-0.001	95	15759	1.00	0.9438	
125 Benzyl chloride	91	10.558	10.558	0.000	96	7935	1.00	0.7942	
111 2,3-Dihydroindene	117	10.615	10.604	0.011	94	18991	1.00	1.10	
126 p-Diethylbenzene	119	10.661	10.661	0.000	95	9091	1.00	0.9619	
127 n-Butylbenzene	92	10.683	10.684	-0.001	97	7035	1.00	0.8877	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	92	8297	1.00	1.07	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	96	8216	1.00	1.02	M
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	85	1125	1.00	1.16	
132 1,3,5-Trichlorobenzene	180	11.484	11.472	0.012	94	4359	1.00	1.06	
131 1,2,4-Trichlorobenzene	180	11.952	11.941	0.011	94	3047	1.00	0.8751	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	87	1582	1.00	1.20	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	0	3152	1.00	1.89	a
134 Naphthalene	128	12.124	12.124	0.000	99	8454	1.00	0.6593	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	3280	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.25	
S 137 Xylenes, Total	100				0		2.00	2.11	
S 138 1,3-Dichloropropene, Total	1				0		2.00	2.09	
S 139 Total BTEX	1				0		5.00	5.42	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

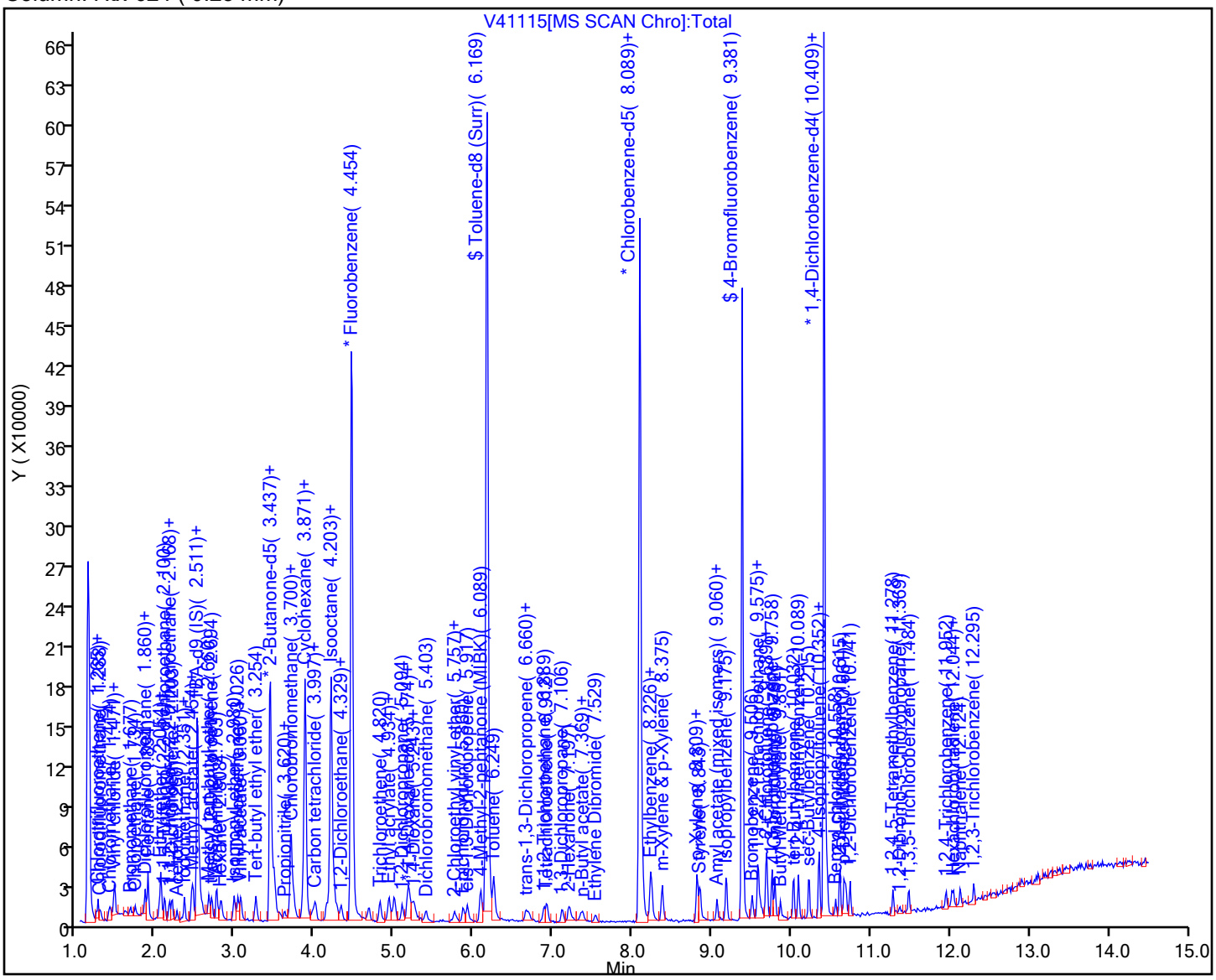
Reagents:

GASES Li_00539	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00173	Amount Added: 10.00	Units: uL		
524FREONS_00005	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00001	Amount Added: 10.00	Units: uL		
14DIOXINTER_00158	Amount Added: 30.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 25-Jul-2023 12:12:53 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison

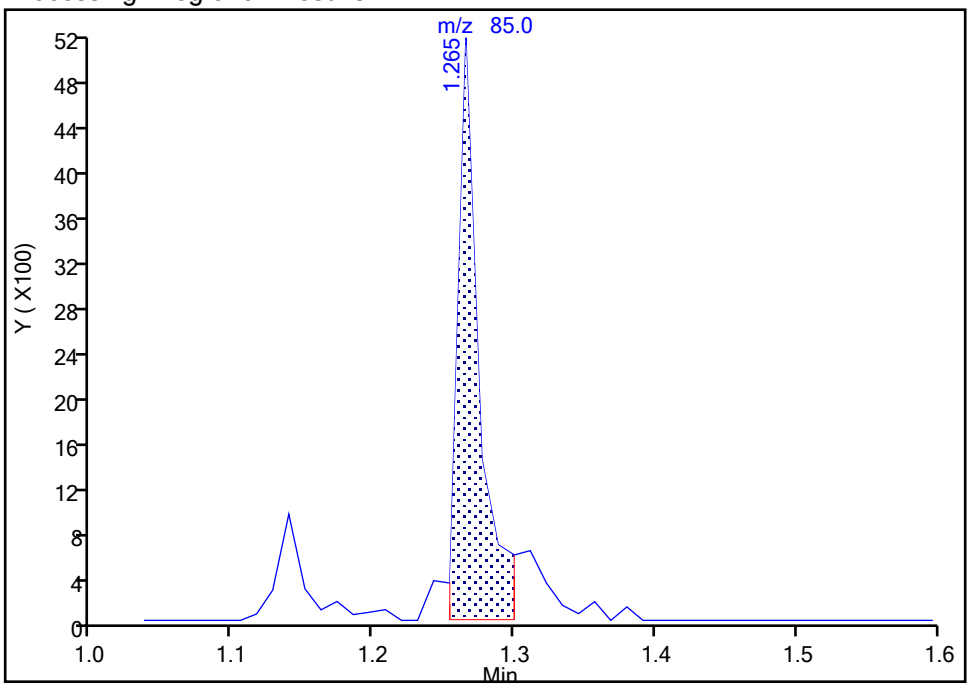
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

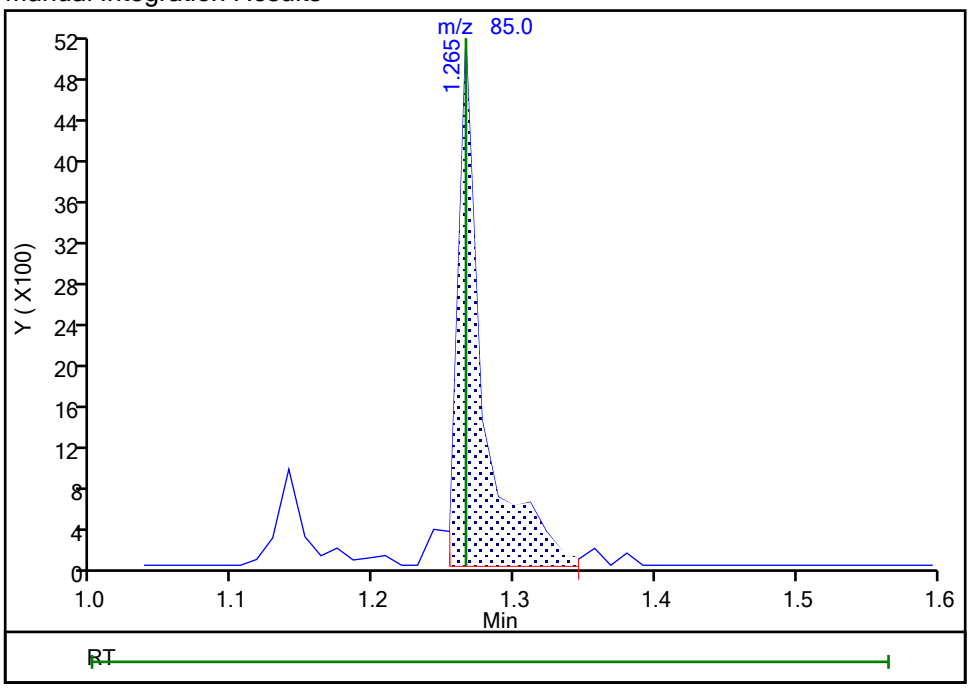
Processing Integration Results

RT: 1.27
Area: 5542
Amount: 1.014017
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 6305
Amount: 1.127391
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:56:45 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

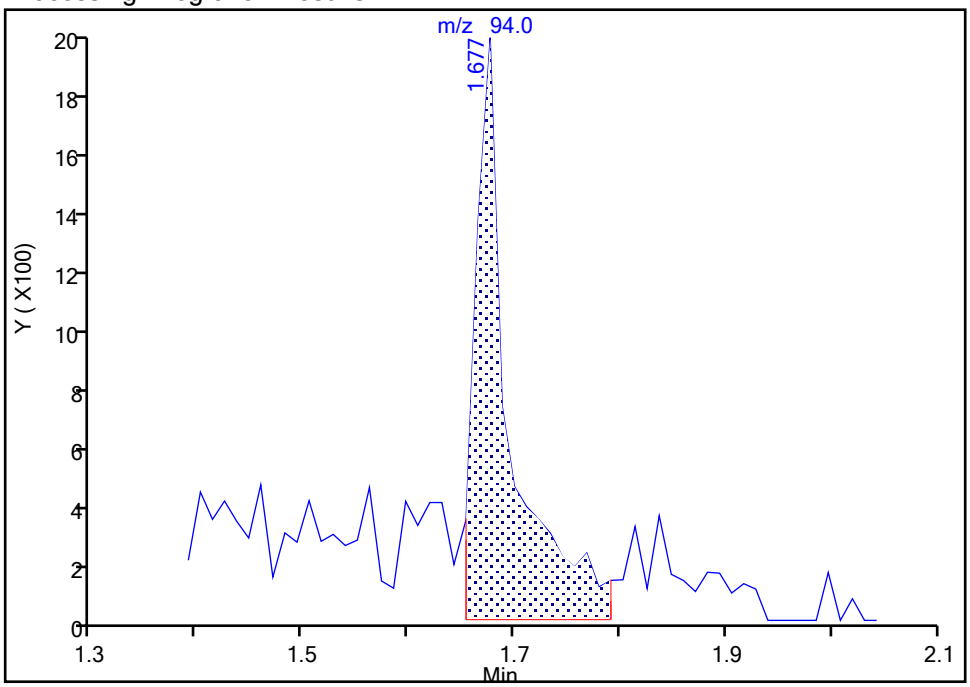
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

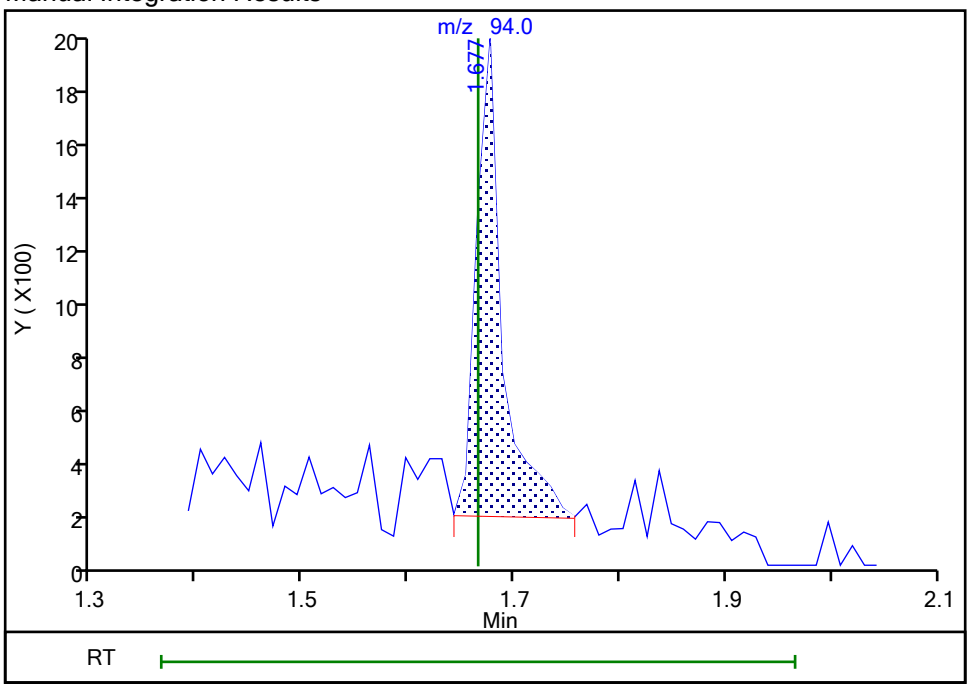
Processing Integration Results

RT: 1.68
Area: 4541
Amount: 1.551319
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 2994
Amount: 1.298176
Amount Units: ug/l



Reviewer: W9CM, 24-Jul-2023 20:36:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

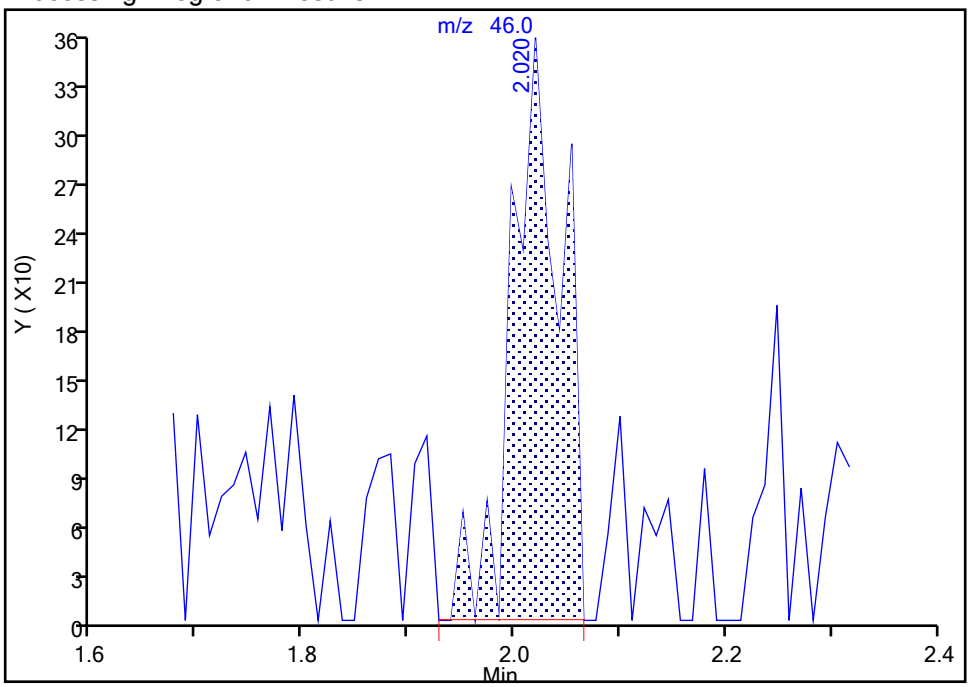
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

17 Ethanol, CAS: 64-17-5

Signal: 1

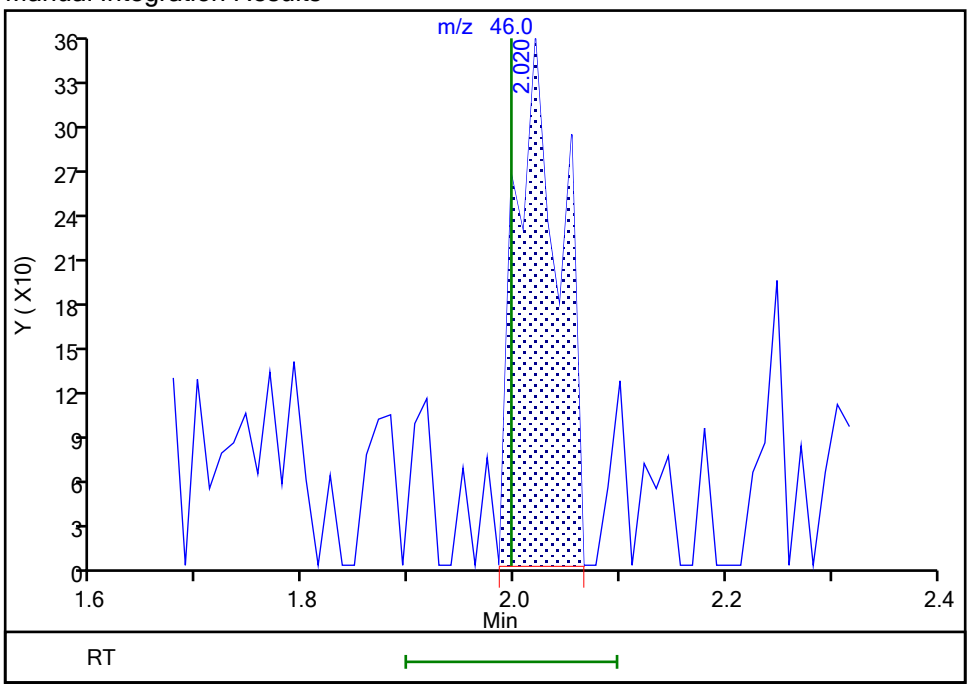
Processing Integration Results

RT: 2.02
Area: 1156
Amount: 53.660409
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 1061
Amount: 46.677635
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:52:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

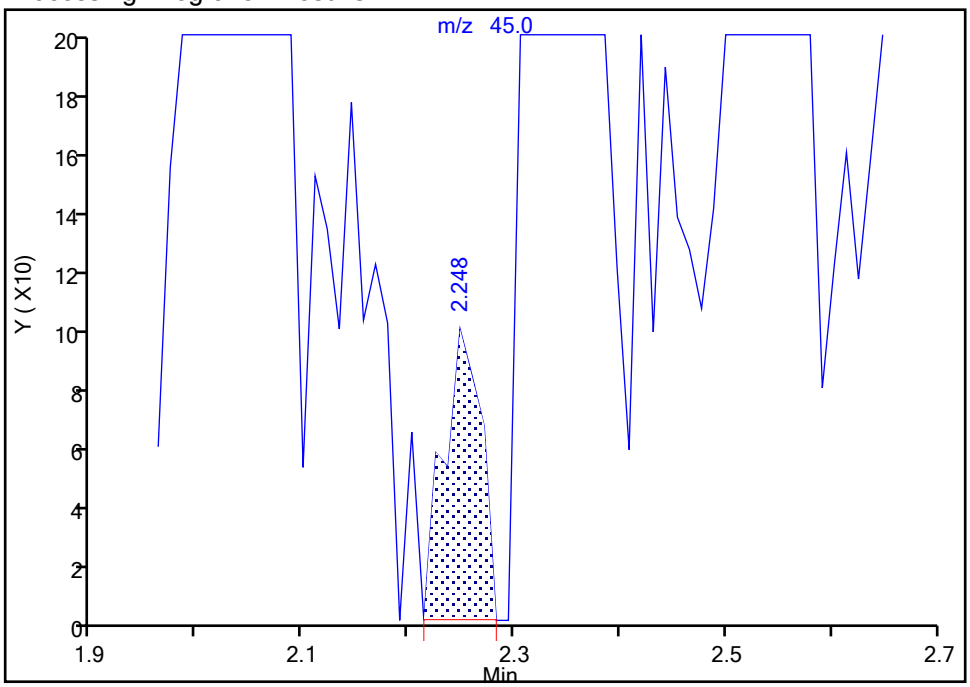
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

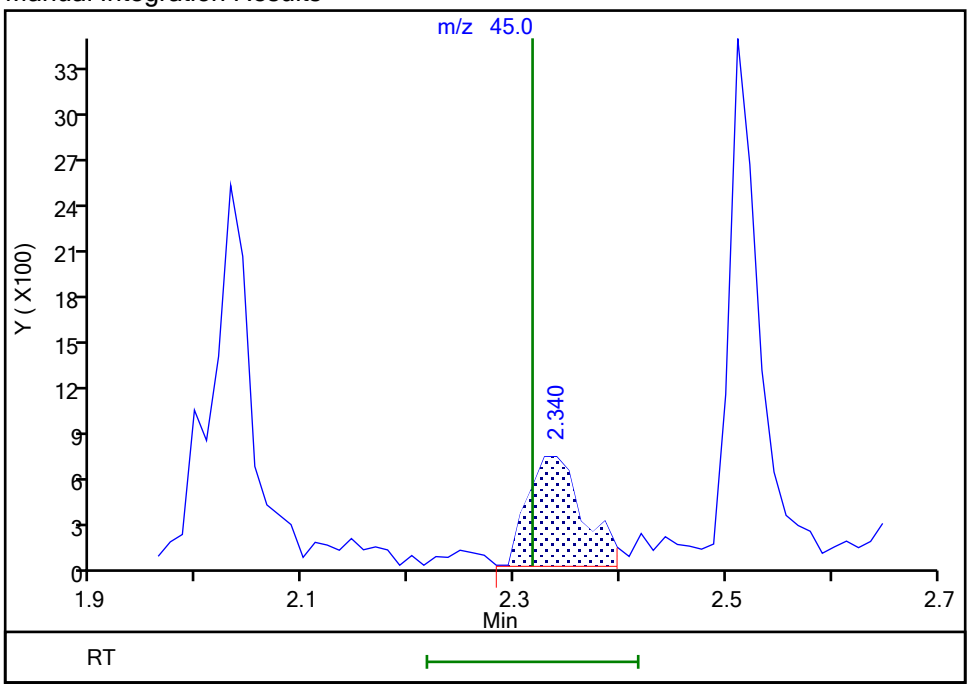
Processing Integration Results

RT: 2.25
Area: 245
Amount: 2.053428
Amount Units: ug/l



Manual Integration Results

RT: 2.34
Area: 2625
Amount: 11.097520
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:37:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

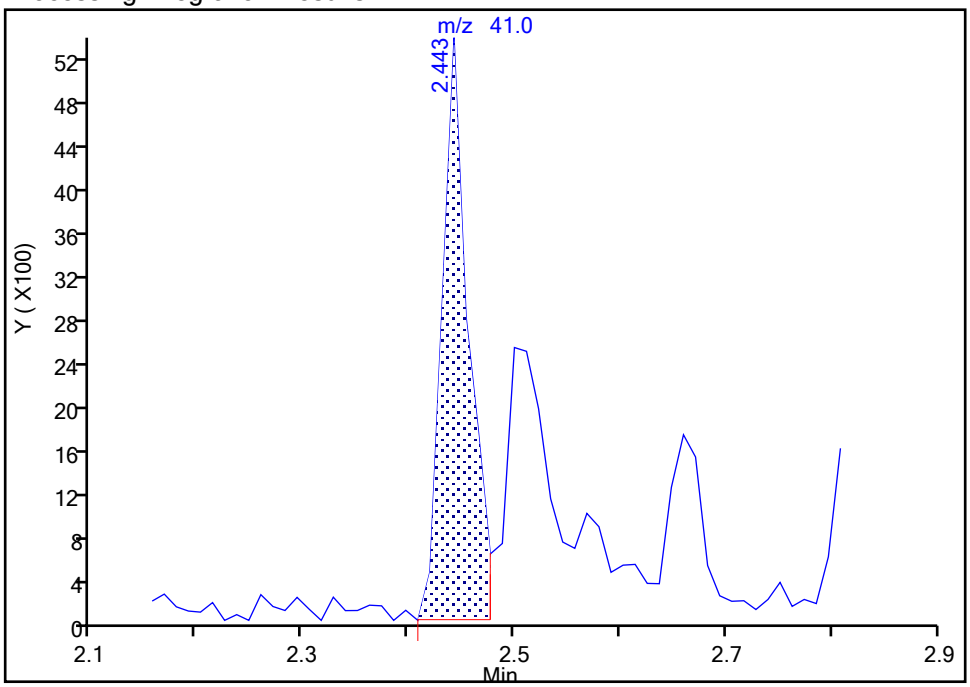
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

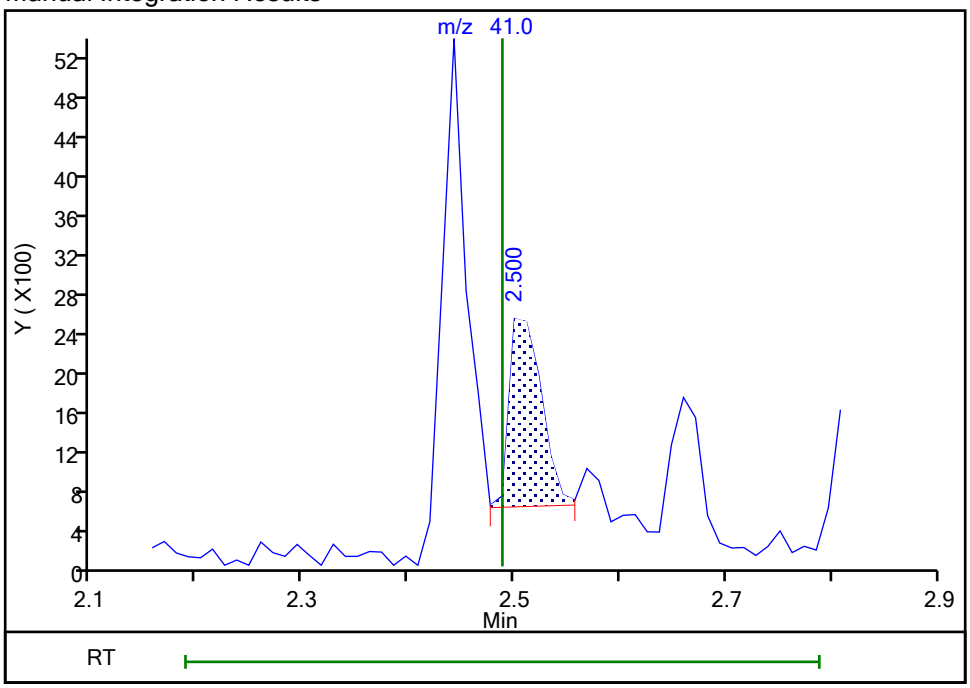
Processing Integration Results

RT: 2.44
Area: 9503
Amount: 9.968261
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 4122
Amount: 8.084117
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:32:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

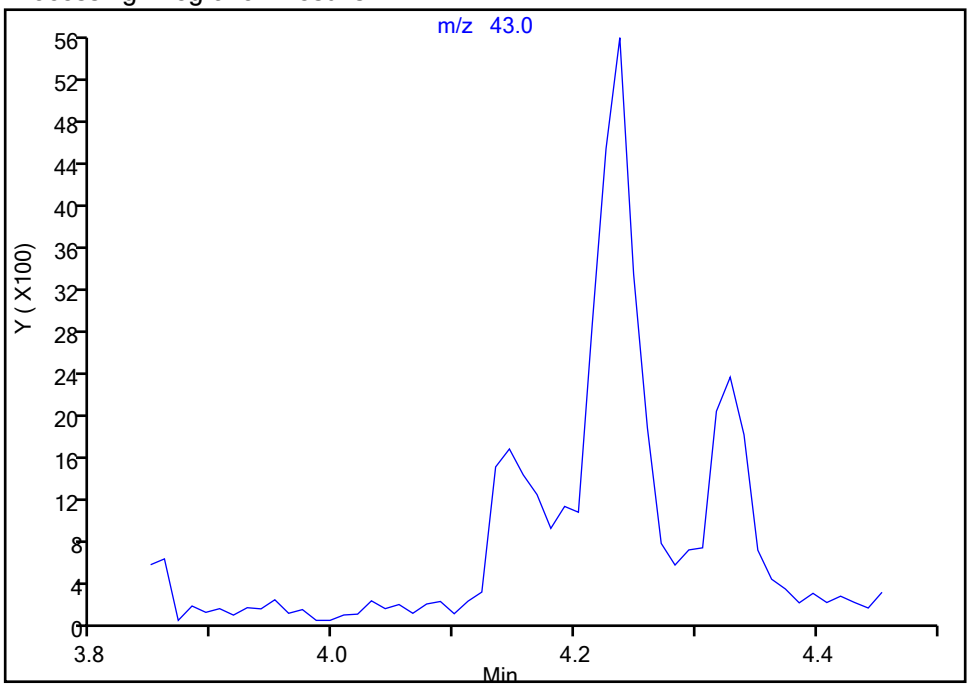
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

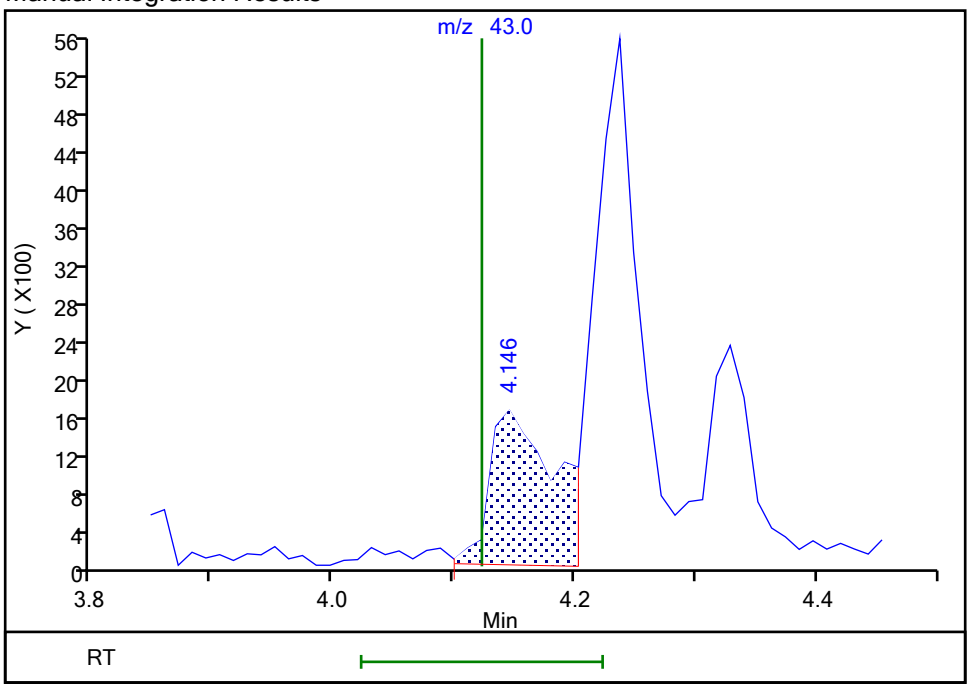
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 6242
Amount: 26.503889
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:01:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

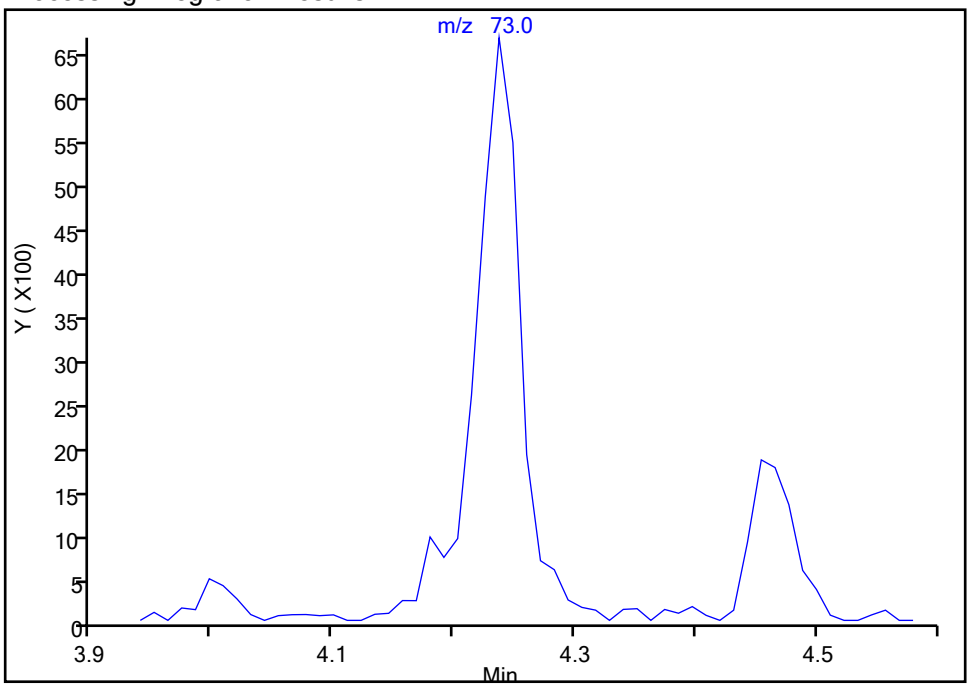
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

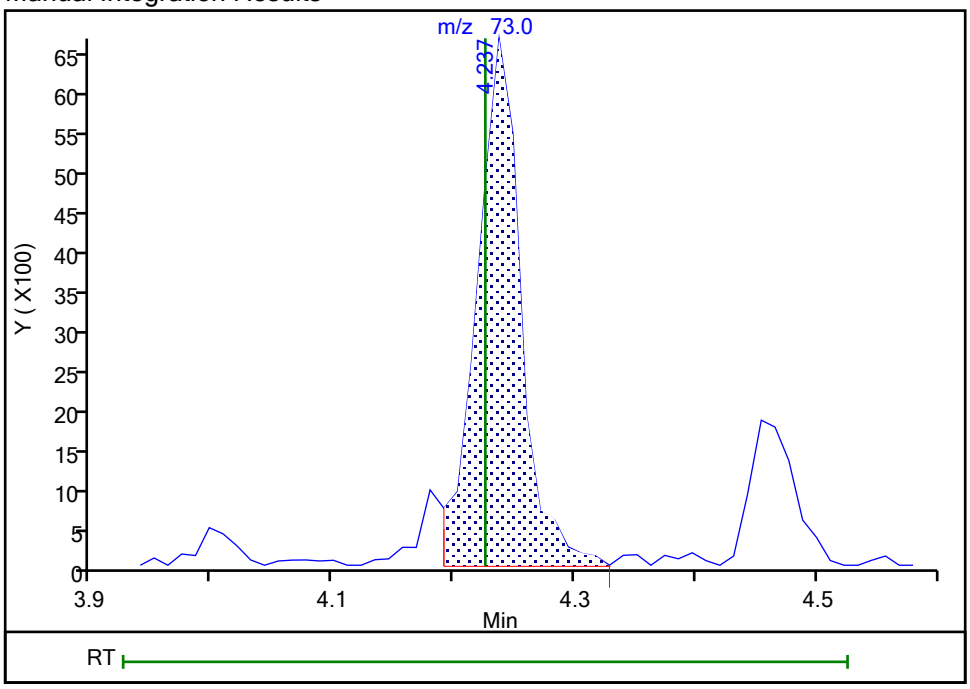
Not Detected
Expected RT: 4.23

Processing Integration Results



Manual Integration Results

RT: 4.24
Area: 17090
Amount: 1.101116
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:01:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

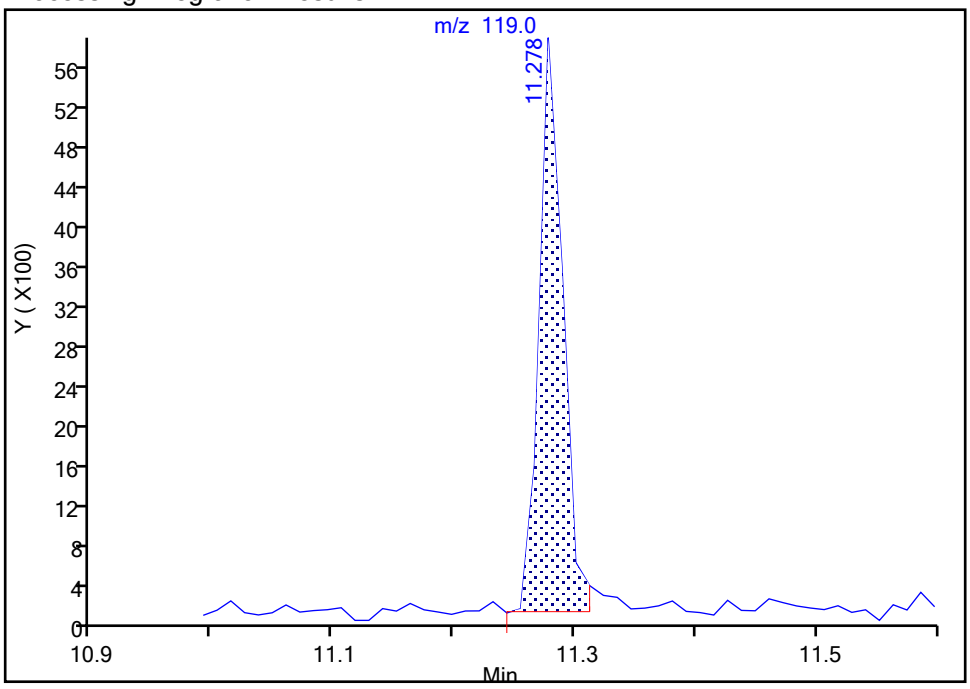
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Signal: 1

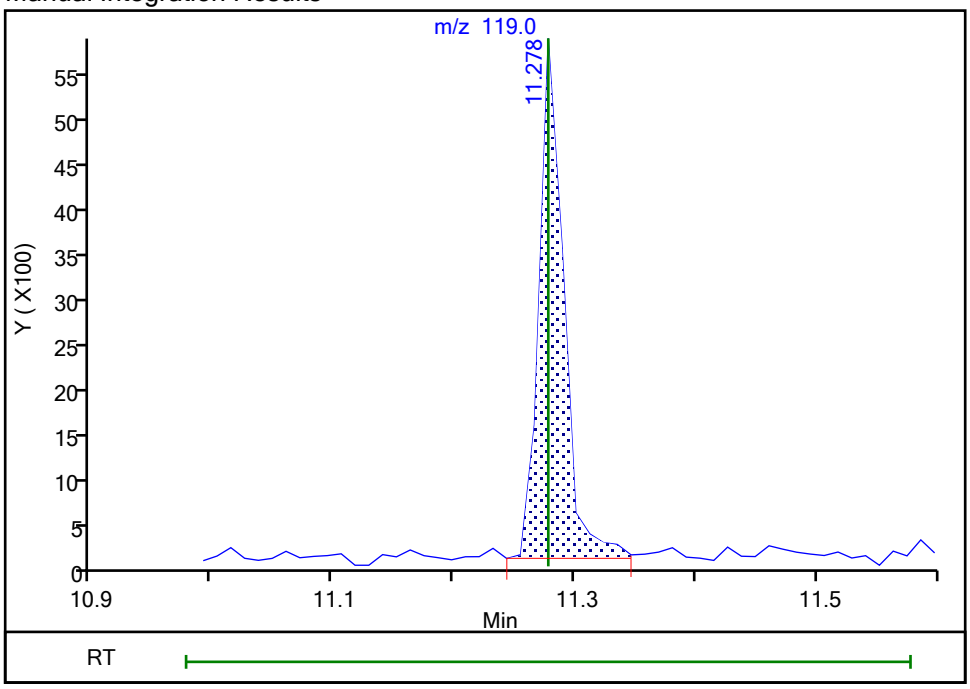
Processing Integration Results

RT: 11.28
Area: 7993
Amount: 0.617837
Amount Units: ug/l



Manual Integration Results

RT: 11.28
Area: 8216
Amount: 1.017215
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 11:00:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

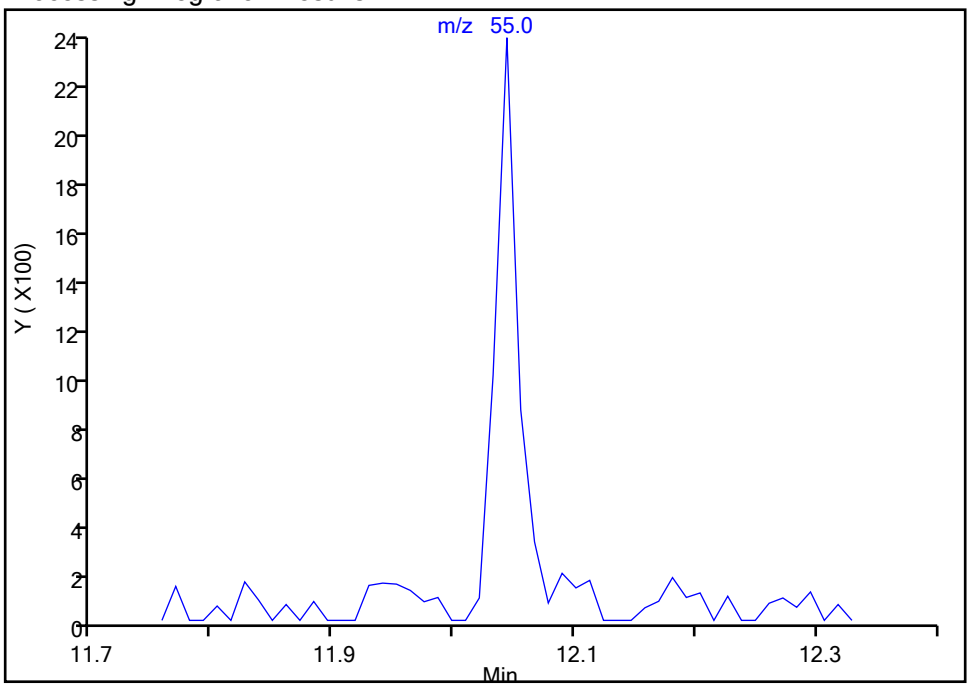
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

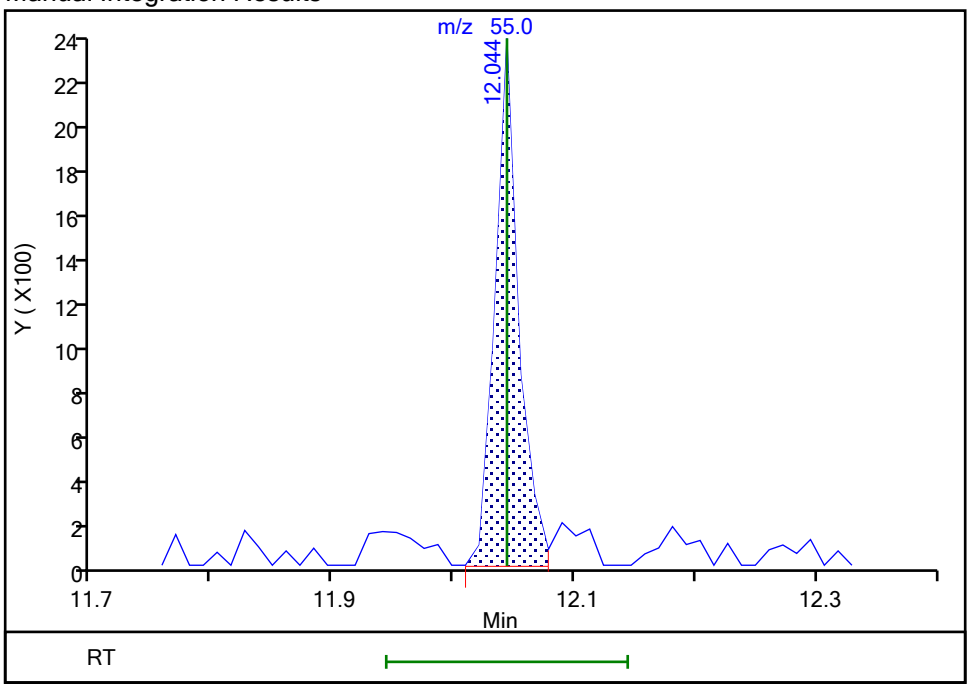
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 3152
Amount: 1.885043
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:38:56 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

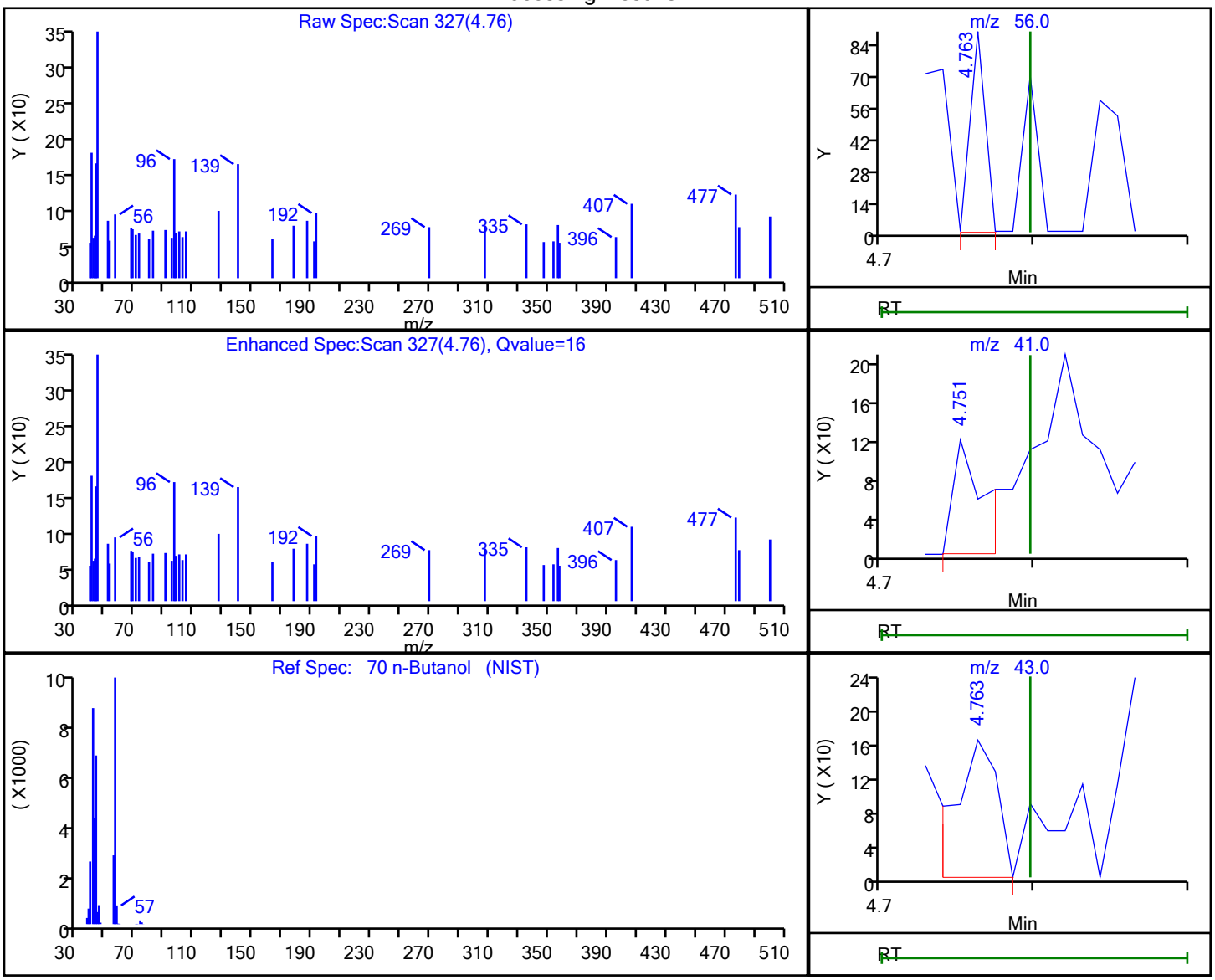
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41115.D
Injection Date: 23-Jul-2023 16:40:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.76	56.00	62	0.728634
4.75	41.00	166	
4.76	43.00	313	

Reviewer: W9CM, 24-Jul-2023 20:34:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jul-2023 17:02:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0163741-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:13:01 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 17:32:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.140	1.163	-0.023	67	2203	5.00	10.4	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	83	9017	5.00	6.81	M
4 1,1-Difluoroethane	65	1.265	1.254	0.011	72	12695	5.00	5.37	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	25031	5.00	4.84	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	4341	5.00	6.57	
6 Chloromethane	50	1.403	1.403	0.000	97	29857	5.00	5.27	
7 Vinyl chloride	62	1.460	1.448	0.012	97	33216	5.00	5.27	
8 Butadiene	54	1.471	1.471	0.000	94	32080	5.00	5.31	
9 Bromomethane	94	1.666	1.666	0.000	98	10154	5.00	4.76	M
10 Chloroethane	64	1.734	1.723	0.011	98	16742	5.00	4.87	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	34914	5.00	4.87	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	30951	5.00	5.55	
13 Pentane	72	1.894	1.883	0.011	97	8228	10.0	9.86	
17 Ethanol	46	1.997	1.997	0.000	95	4514	200.0	213.9	
14 Ethyl ether	74	2.031	2.031	0.000	94	16250	5.00	5.33	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	88	21540	5.00	5.33	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	87	19814	5.00	5.53	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	39310	5.00	5.65	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	95	21922	5.00	5.26	
52 Acrolein	56	2.168	2.168	0.000	94	16186	20.0	18.4	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	23152	5.00	5.32	
23 Acetone	43	2.260	2.248	0.012	90	29692	25.0	24.9	
21 Iodomethane	142	2.317	2.317	0.000	97	8114	5.00	2.36	
24 Isopropyl alcohol	45	2.328	2.317	0.011	96	11805	50.0	53.8	
22 Carbon disulfide	76	2.351	2.351	0.000	98	80360	5.00	5.25	
30 Methyl acetate	43	2.443	2.431	0.012	97	35530	10.0	9.88	
26 3-Chloro-1-propene	76	2.443	2.431	0.012	97	17050	5.00	4.93	
25 Cyclopentene	67	2.454	2.454	0.000	95	56835	5.00	5.23	
27 Acetonitrile	41	2.488	2.488	0.000	97	21387	50.0	46.1	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	27075	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.546	2.534	0.012	88	24687	5.00	4.91	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	95	19753	50.0	57.1	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	97	69475	5.00	5.11	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	89	26901	5.00	5.39	
35 Acrylonitrile	53	2.751	2.740	0.011	96	97071	50.0	47.9	
36 Hexane	57	2.808	2.808	0.000	88	34055	5.00	5.39	
37 Isopropyl ether	45	2.980	2.980	0.000	97	68569	5.00	5.03	
38 1,1-Dichloroethane	63	3.026	3.014	0.012	99	45847	5.00	5.41	
40 Vinyl acetate	86	3.026	3.014	0.012	100	7265	10.0	8.51	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	87	23697	5.00	5.06	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	90	67889	5.00	5.00	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	97	194777	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.449	-0.012	55	8342	5.00	5.13	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	97	28109	5.00	5.18	
44 2-Butanone (MEK)	72	3.483	3.471	0.012	97	16518	25.0	27.4	
47 Ethyl acetate	70	3.483	3.471	0.012	93	5169	10.0	9.92	
46 Methyl acrylate	55	3.540	3.529	0.011	98	18334	5.00	4.44	
48 Propionitrile	54	3.597	3.597	0.000	99	35763	50.0	47.1	
49 Chlorobromomethane	128	3.677	3.677	0.000	90	11909	5.00	5.52	
50 Tetrahydrofuran	72	3.689	3.677	0.012	75	6608	10.0	9.03	
54 Methacrylonitrile	67	3.689	3.689	0.000	87	115043	50.0	48.5	
51 Chloroform	83	3.723	3.723	0.000	98	37477	5.00	5.05	
53 Cyclohexane	84	3.849	3.837	0.012	89	42957	5.00	5.52	
55 1,1,1-Trichloroethane	97	3.860	3.849	0.011	97	29681	5.00	5.20	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	117948	50.0	53.0	
57 Carbon tetrachloride	117	3.974	3.963	0.011	99	21330	5.00	5.05	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	98	34987	5.00	5.34	
61 Isobutyl alcohol	43	4.134	4.123	0.011	46	26466	125.0	121.0	a
64 Isooctane	57	4.146	4.146	0.000	99	64088	5.00	5.38	
59 Benzene	78	4.180	4.180	0.000	95	112820	5.00	5.31	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	91	117795	50.0	53.3	
66 Isopropyl acetate	87	4.226	4.226	0.000	86	21699	5.00	5.05	
62 Tert-amyl methyl ether	73	4.237	4.226	0.011	96	66613	5.00	4.64	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	94	26513	5.00	5.43	
65 n-Heptane	57	4.329	4.317	0.012	87	15189	5.00	5.53	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	458261	50.0	50.0	
70 n-Butanol	56	4.854	4.797	0.057	22	4234	125.0	56.5	a
69 Trichloroethene	95	4.809	4.809	0.000	97	25355	5.00	5.10	
72 Methylcyclohexane	83	4.923	4.923	0.000	89	43112	5.00	5.40	
71 Ethyl acrylate	99	4.934	4.923	0.011	94	3551	5.00	4.81	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	93	24352	5.00	4.94	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	82	25484	1000.0	1000.0	
74 Methyl methacrylate	100	5.186	5.174	0.012	83	13738	10.0	9.41	
78 1,4-Dioxane	88	5.220	5.220	0.000	53	6557	100.0	114.3	
75 Dibromomethane	93	5.232	5.232	0.000	90	14215	5.00	5.14	
77 n-Propyl acetate	43	5.243	5.232	0.011	96	27711	5.00	4.26	
76 Dichlorobromomethane	83	5.392	5.392	0.000	97	24746	5.00	4.63	
34 2-Nitropropane	41	5.723	5.723	0.000	95	6438	10.0	8.66	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	94	15399	5.01	4.79	
80 Epichlorohydrin	57	5.860	5.849	0.011	98	54734	100.0	107.8	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	89	38835	5.00	5.05	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	94	101369	25.0	26.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	589336	50.0	53.1	
83 Toluene	91	6.249	6.249	0.000	92	115447	5.00	5.26	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	30559	5.00	4.79	
86 Ethyl methacrylate	69	6.683	6.672	0.011	87	27018	5.00	4.74	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	19201	5.00	5.23	
88 Tetrachloroethene	166	6.923	6.912	0.011	94	19960	5.00	5.27	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	89	38274	5.00	5.13	
91 2-Hexanone	43	7.186	7.175	0.011	93	64433	25.0	25.5	
92 n-Butyl acetate	43	7.335	7.323	0.012	97	28106	5.00	4.50	
90 Chlorodibromomethane	129	7.369	7.369	0.000	96	15762	5.00	4.76	
93 Ethylene Dibromide	107	7.529	7.529	0.000	97	21287	5.00	5.25	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	85	330325	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	96	63791	5.00	5.18	
97 Ethylbenzene	106	8.226	8.226	0.000	98	34952	5.00	5.06	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	93	17718	5.00	5.41	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	95	47004	5.00	5.50	
100 o-Xylene	106	8.809	8.809	0.000	94	43819	5.00	5.29	
99 n-Butyl acrylate	73	8.821	8.821	0.001	98	14043	5.00	4.29	
101 Styrene	104	8.843	8.843	0.000	97	63291	5.00	4.85	
102 Amyl acetate (mixed isomers)	43	9.061	9.049	0.012	94	31111	5.00	4.74	
103 Bromoform	173	9.061	9.061	0.000	57	7855	5.00	4.61	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	104951	5.00	5.24	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	119117	50.0	54.5	
107 Bromobenzene	156	9.506	9.506	0.000	93	21587	5.00	5.52	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	99	27865	5.00	4.93	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	127634	5.00	5.40	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	97	7981	5.00	5.53	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	88	5224	5.00	3.97	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	81607	5.00	5.32	
113 4-Ethyltoluene	105	9.689	9.689	0.000	99	100614	5.00	5.34	
116 1,3,5-Trimethylbenzene	105	9.758	9.758	0.000	93	81753	5.00	5.31	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	79085	5.00	5.38	
117 Butyl Methacrylate	87	9.861	9.861	0.000	85	21770	5.00	4.22	
118 tert-Butylbenzene	119	10.032	10.021	0.011	96	68086	5.00	5.42	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	97	78871	5.00	5.16	
120 sec-Butylbenzene	105	10.215	10.215	0.000	99	101084	5.00	5.33	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	77591	5.00	5.34	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	79	41570	5.00	5.56	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	137962	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	95	42303	5.00	5.49	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	99	76713	5.00	5.06	
125 Benzyl chloride	91	10.558	10.558	0.000	99	38222	5.00	4.21	
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	82290	5.00	5.25	
126 p-Diethylbenzene	119	10.661	10.661	0.000	94	42273	5.00	4.92	
127 n-Butylbenzene	92	10.684	10.684	0.000	97	34379	5.00	4.78	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	95	37251	5.00	5.28	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	40898	5.00	4.68	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	94	4689	5.00	5.32	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	93	18108	5.00	4.83	
131 1,2,4-Trichlorobenzene	180	11.952	11.941	0.011	95	14832	5.00	4.69	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	90	6741	5.00	5.65	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	0	10806	5.00	7.03	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	99	37152	5.00	3.19	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	13963	5.00	4.67	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.6	
S 137 Xylenes, Total	100				0		10.0	10.8	
S 138 1,3-Dichloropropene, Total	1				0		10.0	9.85	
S 139 Total BTEX	1				0		25.0	26.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

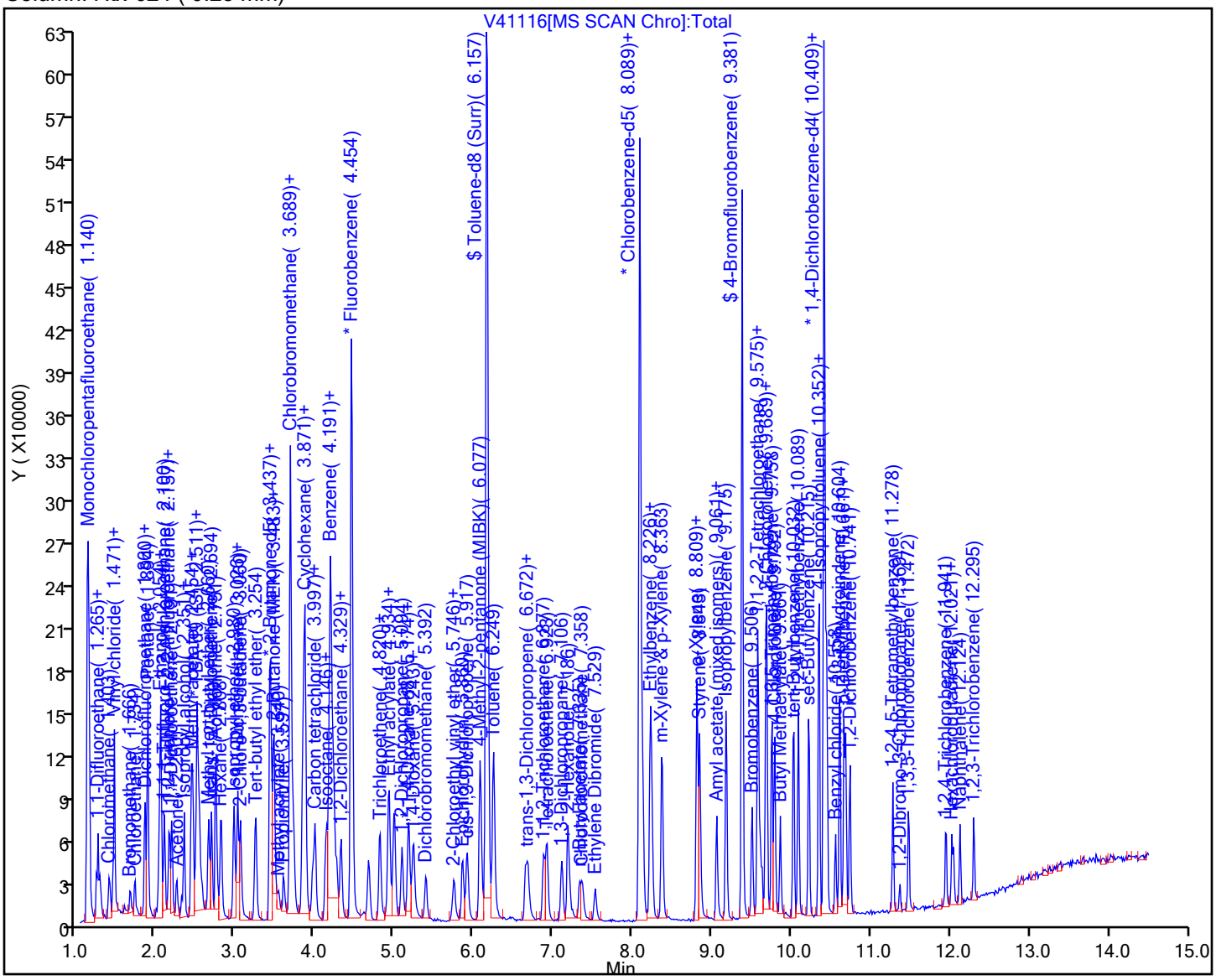
Reagents:

GASES Li_00539	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00173	Amount Added: 10.00	Units: uL		
524FREONS_00005	Amount Added: 10.00	Units: uL		
EthyhexAcr_Li_00001	Amount Added: 10.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 25-Jul-2023 12:13:02 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison

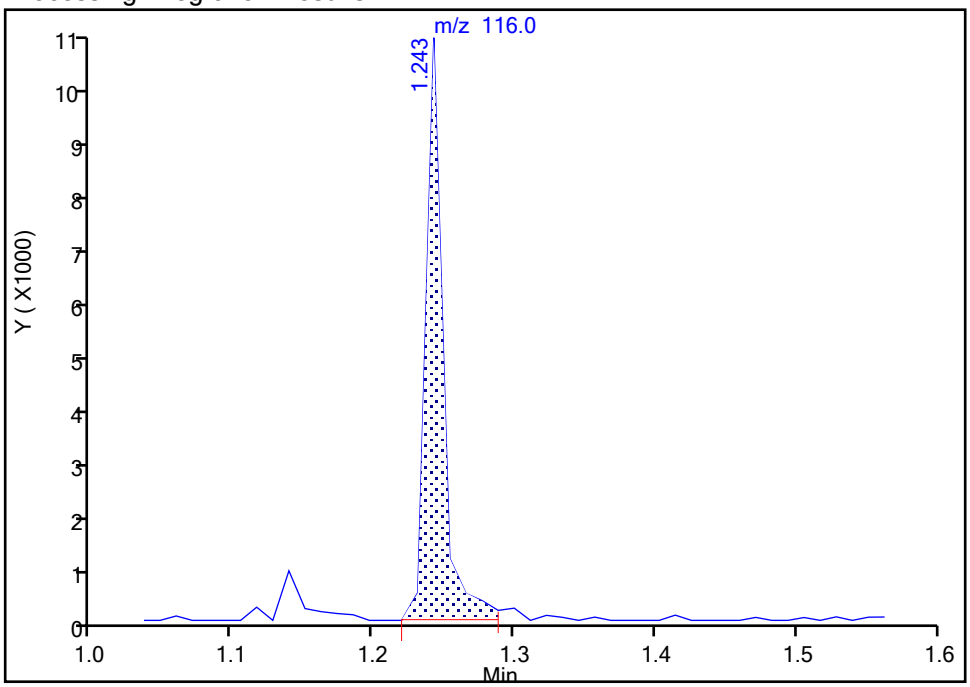
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

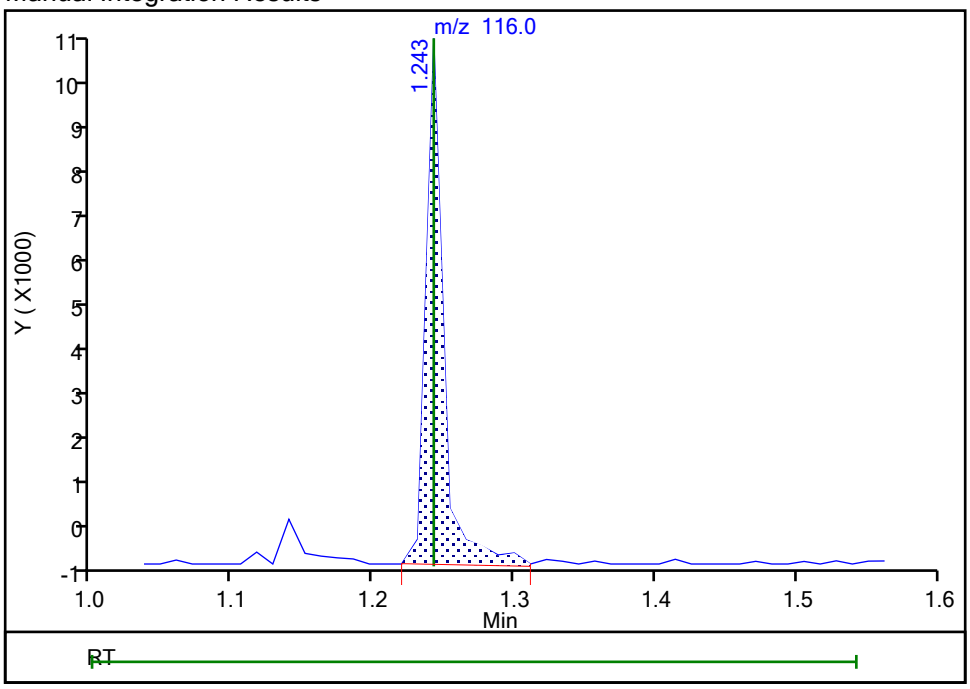
Processing Integration Results

RT: 1.24
Area: 8752
Amount: 5.682574
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 9017
Amount: 6.812405
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:50:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

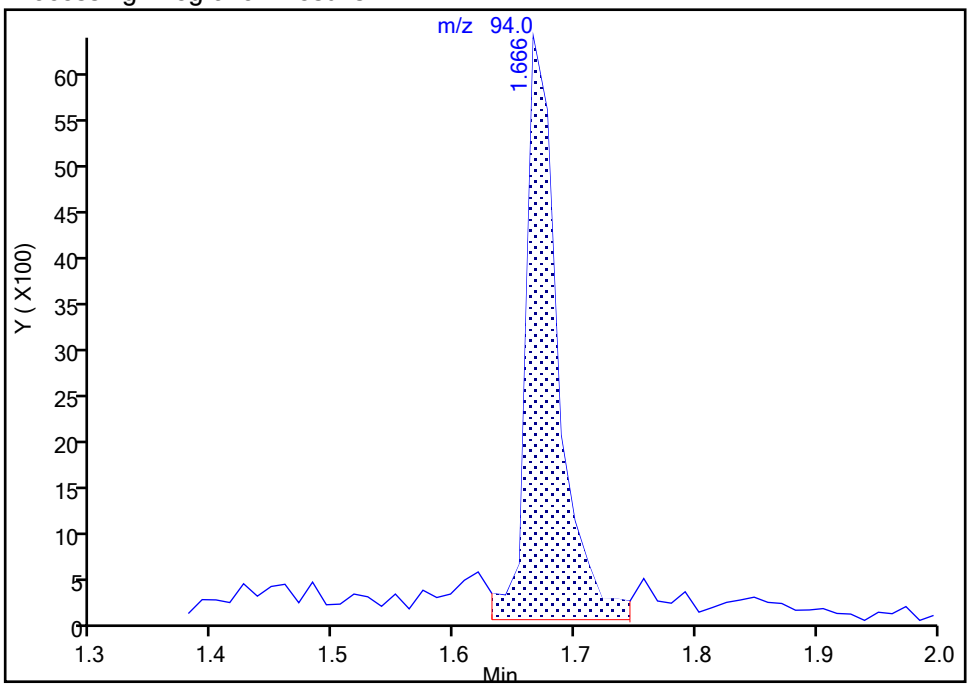
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

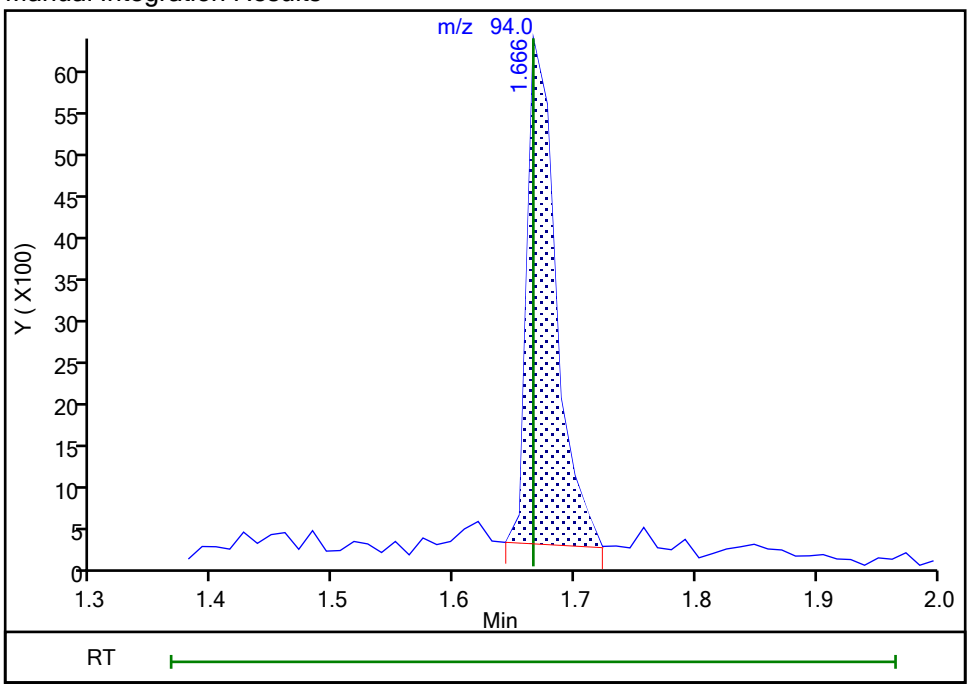
Processing Integration Results

RT: 1.67
Area: 12042
Amount: 5.485203
Amount Units: ug/l



Manual Integration Results

RT: 1.67
Area: 10154
Amount: 4.761710
Amount Units: ug/l



Reviewer: W9CM, 24-Jul-2023 20:36:39 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

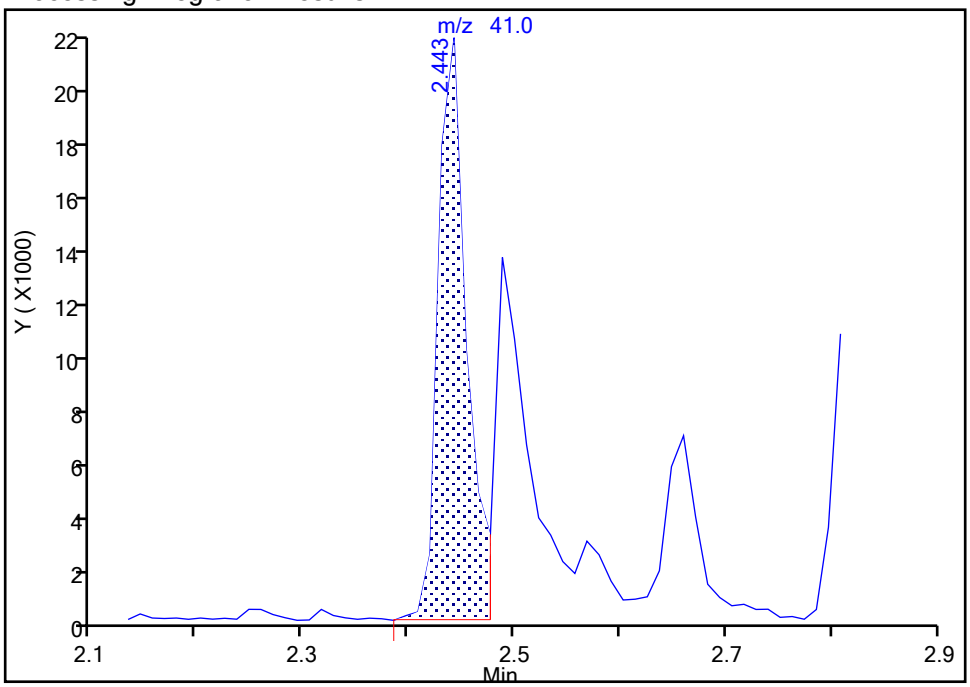
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

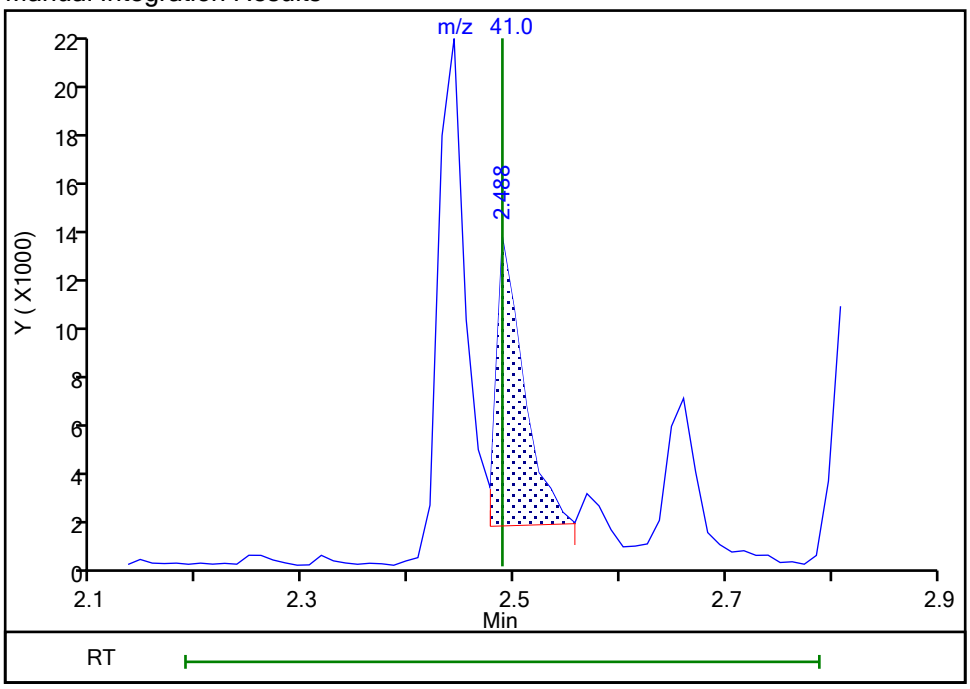
Processing Integration Results

RT: 2.44
Area: 41120
Amount: 47.140102
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 21387
Amount: 46.116562
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:32:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

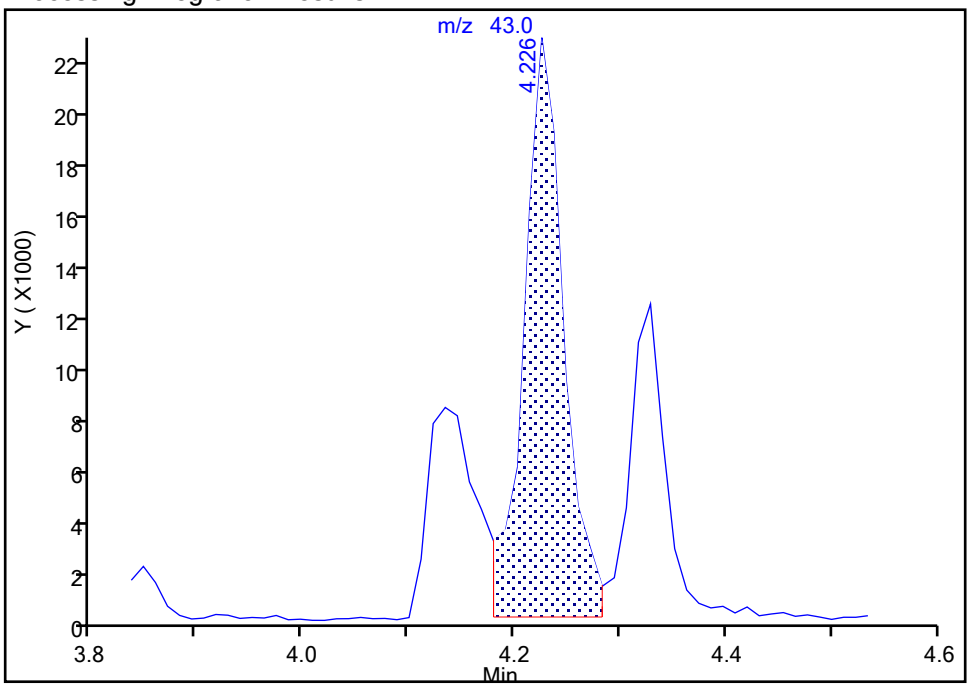
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

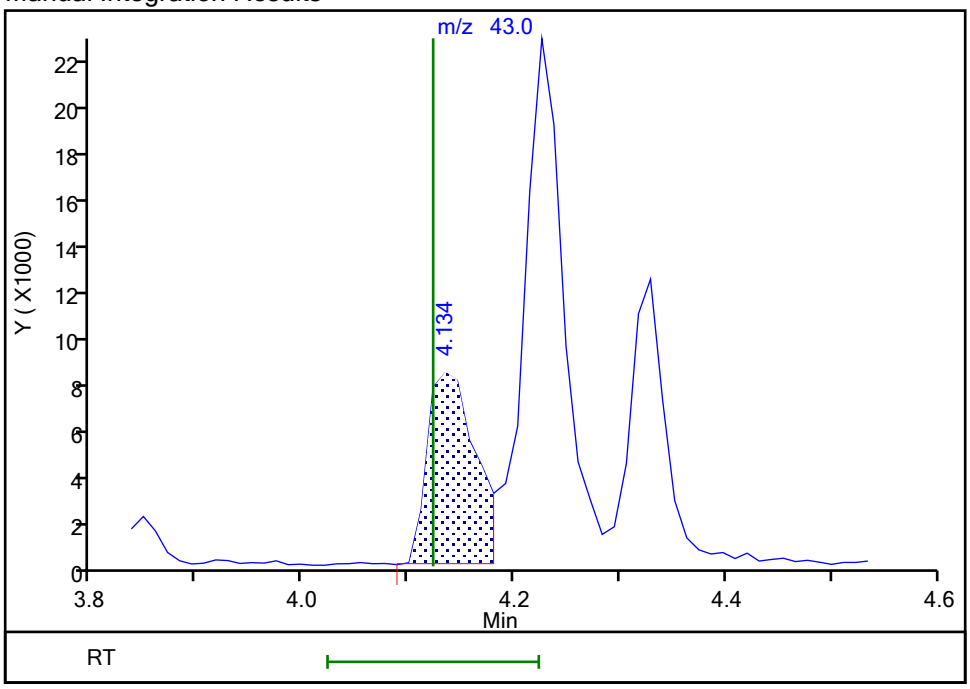
Processing Integration Results

RT: 4.23
Area: 58931
Amount: 125.3052
Amount Units: ug/l



Manual Integration Results

RT: 4.13
Area: 26466
Amount: 121.0467
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:36:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

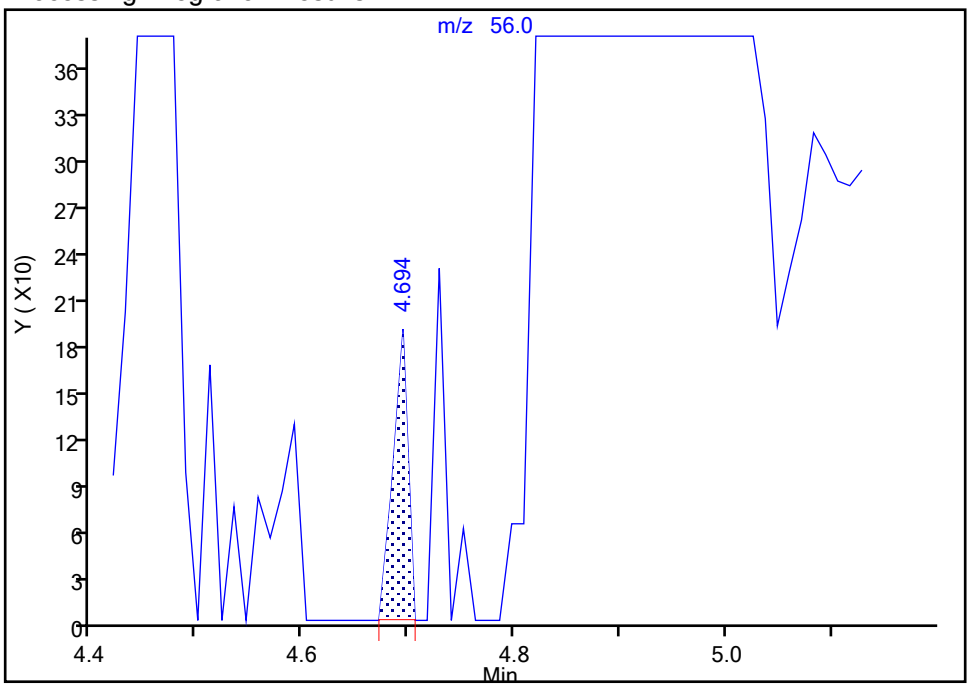
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Signal: 1

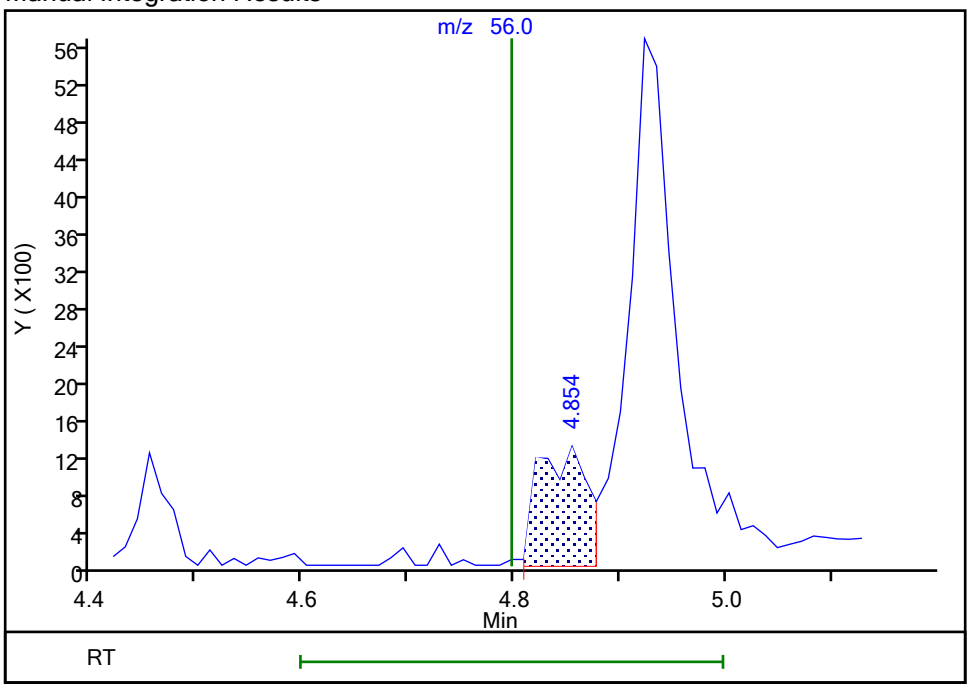
Processing Integration Results

RT: 4.69
Area: 184
Amount: 1.837284
Amount Units: ug/l



Manual Integration Results

RT: 4.85
Area: 4234
Amount: 56.542382
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 17:35:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

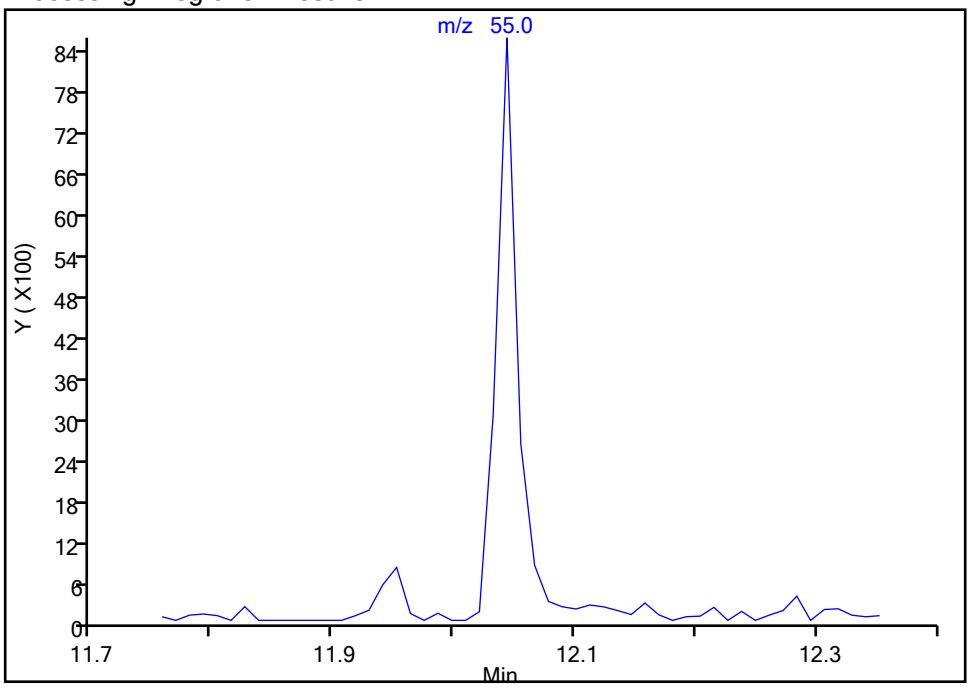
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41116.D
Injection Date: 23-Jul-2023 17:02:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

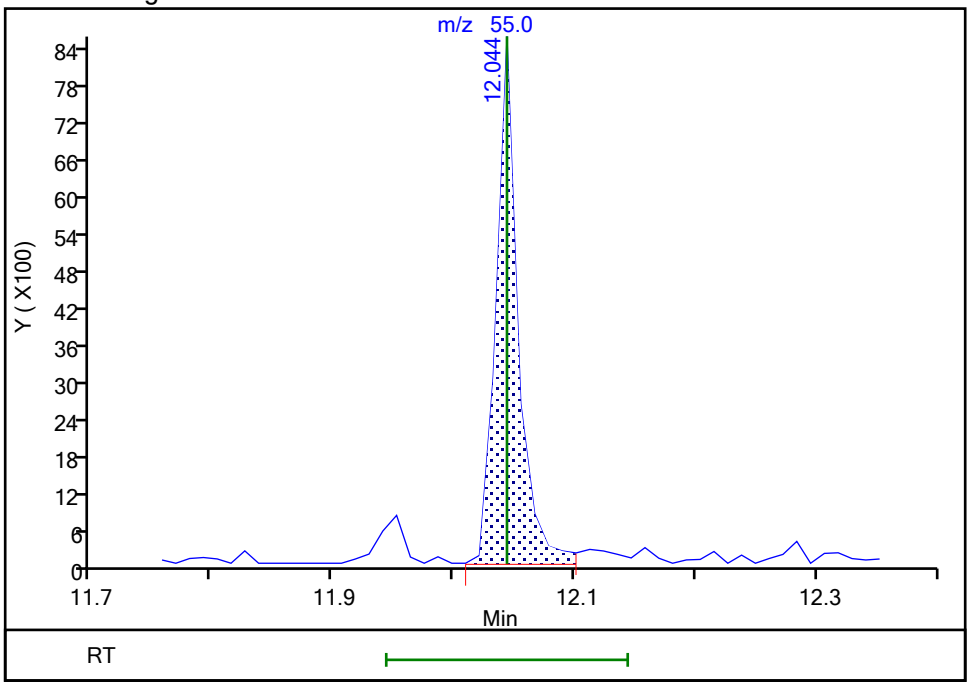
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 10806
Amount: 7.032186
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:38:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41117.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 23-Jul-2023 17:23:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0163741-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:13:08 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 17:51:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.163	0.000	76	3813	20.0	16.0	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	92	27217	20.0	18.2	
4 1,1-Difluoroethane	65	1.254	1.254	0.000	88	49732	20.0	18.7	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	98	108109	20.0	18.6	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	13716	20.0	18.5	
6 Chloromethane	50	1.403	1.403	0.000	99	115804	20.0	18.2	
7 Vinyl chloride	62	1.448	1.448	0.000	98	129756	20.0	18.3	
8 Butadiene	54	1.471	1.471	0.000	93	127192	20.0	18.7	
9 Bromomethane	94	1.666	1.666	0.000	97	42697	20.0	17.8	
10 Chloroethane	64	1.723	1.723	0.000	98	74249	20.0	19.2	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	153795	20.0	19.1	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	118664	20.0	18.9	
13 Pentane	72	1.883	1.883	0.000	96	35487	40.0	37.8	
17 Ethanol	46	1.997	1.997	0.000	99	20047	800.0	790.1	
14 Ethyl ether	74	2.031	2.031	0.000	95	63593	20.0	18.5	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	92	79296	20.0	17.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	93	78152	20.0	19.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	146719	20.0	18.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	86206	20.0	18.4	
52 Acrolein	56	2.168	2.168	0.000	95	37435	40.0	37.9	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	94	91291	20.0	18.7	
23 Acetone	43	2.248	2.248	0.000	90	127869	100.0	86.7	
21 Iodomethane	142	2.317	2.317	0.000	95	40541	20.0	10.5	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	50943	200.0	192.9	
22 Carbon disulfide	76	2.351	2.351	0.000	98	313489	20.0	18.2	
30 Methyl acetate	43	2.431	2.431	0.000	99	149596	40.0	37.0	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	94	69234	20.0	17.8	
25 Cyclopentene	67	2.454	2.454	0.000	96	222179	20.0	18.2	
27 Acetonitrile	41	2.488	2.488	0.000	99	103153	200.0	179.8	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	32554	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.534	2.534	0.000	87	102189	20.0	18.1	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	83624	200.0	201.8	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	97	275964	20.0	18.1	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	90	105447	20.0	18.8	
35 Acrylonitrile	53	2.740	2.740	0.000	96	418689	200.0	183.8	
36 Hexane	57	2.808	2.808	0.000	88	133014	20.0	18.7	
37 Isopropyl ether	45	2.980	2.980	0.000	97	281512	20.0	18.4	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	69	170317	20.0	17.9	
40 Vinyl acetate	86	3.014	3.014	0.000	99	42462	40.0	40.2	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	86	98351	20.0	18.7	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	90	276277	20.0	18.1	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	98	241011	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.449	0.000	95	34270	20.0	18.7	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	93	111750	20.0	18.3	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	97	65917	100.0	88.3	
47 Ethyl acetate	70	3.471	3.471	0.000	94	23684	40.0	36.7	
46 Methyl acrylate	55	3.529	3.529	0.000	100	81257	20.0	17.5	
48 Propionitrile	54	3.597	3.597	0.000	98	159687	200.0	187.0	
49 Chlorobromomethane	128	3.677	3.677	0.000	88	45109	20.0	18.6	
50 Tetrahydrofuran	72	3.677	3.677	0.000	76	31055	40.0	37.7	
54 Methacrylonitrile	67	3.689	3.689	0.000	88	504266	200.0	189.0	
51 Chloroform	83	3.723	3.723	0.000	98	152149	20.0	18.2	
53 Cyclohexane	84	3.837	3.837	0.000	87	162764	20.0	18.6	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	97	116019	20.0	18.1	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	97	118775	50.0	47.4	
57 Carbon tetrachloride	117	3.963	3.963	0.000	98	82382	20.0	17.4	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	99	135408	20.0	18.4	
61 Isobutyl alcohol	43	4.123	4.123	0.000	92	125370	500.0	476.9	
64 Isooctane	57	4.146	4.146	0.000	99	244854	20.0	18.3	
59 Benzene	78	4.180	4.180	0.000	95	441834	20.0	17.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	91	115491	50.0	46.5	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	87516	20.0	18.1	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	286770	20.0	17.8	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	95	97686	20.0	17.8	
65 n-Heptane	57	4.317	4.317	0.000	90	54506	20.0	17.6	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	515518	50.0	50.0	
70 n-Butanol	56	4.797	4.797	0.000	86	40564	500.0	450.5	
69 Trichloroethene	95	4.809	4.809	0.000	97	101561	20.0	18.2	
72 Methylcyclohexane	83	4.923	4.923	0.000	81	168056	20.0	18.7	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	16383	20.0	19.7	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	95	102997	20.0	18.6	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	46	31031	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	84	59991	40.0	36.5	
78 1,4-Dioxane	88	5.220	5.220	0.000	32	28024	400.0	401.2	
75 Dibromomethane	93	5.232	5.232	0.000	57	55971	20.0	18.0	
77 n-Propyl acetate	43	5.232	5.232	0.000	96	132591	20.0	18.1	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	108201	20.0	18.0	
34 2-Nitropropane	41	5.723	5.723	0.000	88	27395	40.0	32.8	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	95	65002	20.0	18.0	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	241567	400.0	384.4	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	87	159055	20.0	17.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	93	434743	100.0	91.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	611873	50.0	47.3	
83 Toluene	91	6.249	6.249	0.000	93	454444	20.0	17.8	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	132722	20.0	17.8	
86 Ethyl methacrylate	69	6.672	6.672	0.000	86	122739	20.0	18.5	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	78177	20.0	18.2	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	81627	20.0	18.5	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	90	157404	20.0	18.1	
91 2-Hexanone	43	7.175	7.175	0.000	94	287372	100.0	91.9	
92 n-Butyl acetate	43	7.323	7.323	0.000	97	127935	20.0	17.6	
90 Chlorodibromomethane	129	7.369	7.369	0.000	97	66063	20.0	17.1	
93 Ethylene Dibromide	107	7.529	7.529	0.000	98	85535	20.0	18.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	85	385485	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	95	261476	20.0	18.2	
97 Ethylbenzene	106	8.226	8.226	0.000	97	148638	20.0	18.4	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	67159	20.0	17.6	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	95	181354	20.0	18.2	
100 o-Xylene	106	8.809	8.809	0.000	95	174999	20.0	18.1	
99 n-Butyl acrylate	73	8.821	8.821	0.000	98	67217	20.0	17.6	
101 Styrene	104	8.843	8.843	0.000	97	289333	20.0	19.0	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	92	140110	20.0	17.6	
103 Bromoform	173	9.061	9.061	0.000	57	34637	20.0	17.4	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	426581	20.0	18.2	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	124916	50.0	48.9	
107 Bromobenzene	156	9.506	9.506	0.000	95	85617	20.0	18.0	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	99	127709	20.0	18.6	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	525328	20.0	18.3	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	98	31929	20.0	18.2	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	90	26588	20.0	16.7	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	339180	20.0	18.2	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	414500	20.0	18.1	
116 1,3,5-Trimethylbenzene	105	9.758	9.758	0.000	94	318423	20.0	17.1	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	315833	20.0	17.7	
117 Butyl Methacrylate	87	9.861	9.861	0.000	84	104723	20.0	16.7	
118 tert-Butylbenzene	119	10.021	10.021	0.000	95	265885	20.0	17.4	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	96	325558	20.0	17.5	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	413824	20.0	18.0	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	322074	20.0	18.3	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	95	163030	20.0	18.0	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	167430	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	166591	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	99	334733	20.0	18.2	
125 Benzyl chloride	91	10.558	10.558	0.000	98	195956	20.0	17.8	
111 2,3-Dihydroindene	117	10.604	10.604	0.000	94	336649	20.0	17.7	
126 p-Diethylbenzene	119	10.661	10.661	0.000	94	185682	20.0	17.8	
127 n-Butylbenzene	92	10.684	10.684	0.000	99	157421	20.0	18.0	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	96	154996	20.0	18.1	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	192570	20.0	17.4	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	98	16904	20.0	15.8	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	97	78427	20.0	17.2	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	68837	20.0	17.9	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	90	23093	20.0	15.9	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	89	27588	20.0	14.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	100	183325	20.0	12.9	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	65455	20.0	18.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.1	
S 137 Xylenes, Total	100				0		40.0	36.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	35.6	
S 139 Total BTEX	1				0		100.0	90.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00539	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00173	Amount Added:	20.00	Units: uL	
524FREONS_00005	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00001	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 25-Jul-2023 12:13:09 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41117.D

Injection Date: 23-Jul-2023 17:23:30 Instrument ID: CVOAMS7

Lims ID: STD20

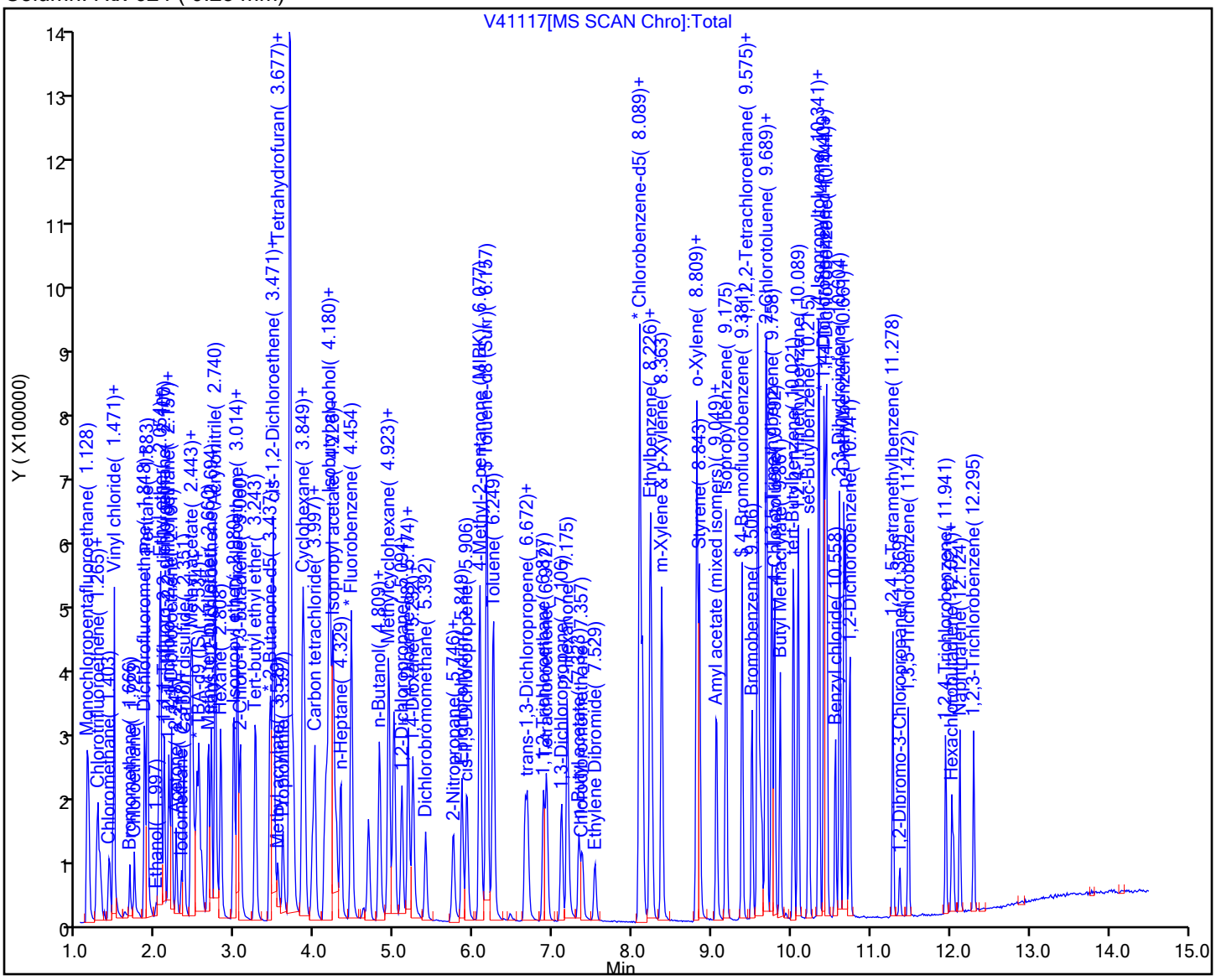
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

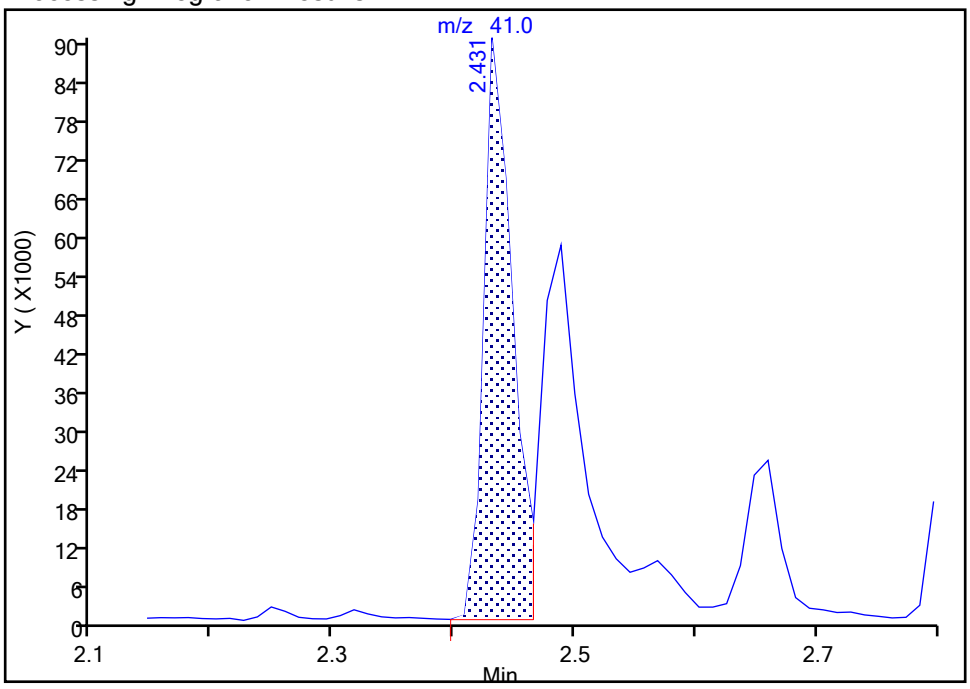
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41117.D
Injection Date: 23-Jul-2023 17:23:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

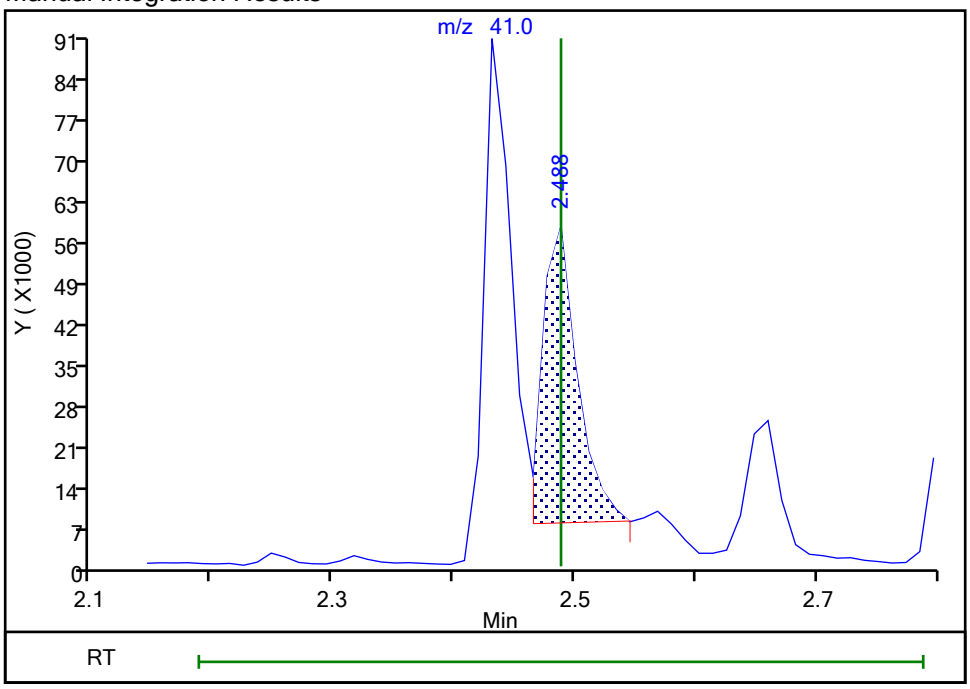
Processing Integration Results

RT: 2.43
Area: 153016
Amount: 248.6471
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 103153
Amount: 179.7586
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:48:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41118.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Jul-2023 17:44:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0163741-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:13:17 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 18:12:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.163	0.000	89	8225	50.0	33.8	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	82	66189	50.0	43.2	M
4 1,1-Difluoroethane	65	1.254	1.254	0.000	87	125276	50.0	46.2	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	267968	50.0	45.2	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	33110	50.0	44.2	
6 Chloromethane	50	1.403	1.403	0.000	99	304705	50.0	47.0	
7 Vinyl chloride	62	1.448	1.448	0.000	98	336395	50.0	46.6	
8 Butadiene	54	1.471	1.471	0.000	94	312049	50.0	45.1	
9 Bromomethane	94	1.654	1.666	-0.012	99	93282	50.0	38.2	
10 Chloroethane	64	1.723	1.723	0.000	98	173830	50.0	44.1	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	390685	50.0	47.5	
12 Trichlorofluoromethane	101	1.848	1.860	-0.012	98	291270	50.0	45.6	
13 Pentane	72	1.883	1.883	0.000	97	90826	100.0	95.0	
17 Ethanol	46	1.997	1.997	0.000	99	54590	2000.0	2186.9	
14 Ethyl ether	74	2.031	2.031	0.000	96	169052	50.0	48.4	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	89	208846	50.0	45.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	90	192635	50.0	46.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	363497	50.0	45.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	94	218398	50.0	45.7	
52 Acrolein	56	2.157	2.168	-0.011	95	99878	100.0	99.3	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	94	230178	50.0	46.2	
23 Acetone	43	2.248	2.248	0.000	90	329266	250.0	223.4	
21 Iodomethane	142	2.317	2.317	0.000	95	136941	50.0	35.0	
24 Isopropyl alcohol	45	2.317	2.317	0.000	96	131490	500.0	506.2	
22 Carbon disulfide	76	2.340	2.351	-0.011	98	804886	50.0	45.9	
30 Methyl acetate	43	2.431	2.431	0.000	97	395499	100.0	96.0	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	95	182425	50.0	46.0	
25 Cyclopentene	67	2.454	2.454	0.000	96	577867	50.0	46.5	
27 Acetonitrile	41	2.477	2.488	-0.011	98	290606	500.0	506.5	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	32028	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.534	2.534	0.000	88	265161	50.0	46.1	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	221848	500.0	549.2	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	97	740790	50.0	47.6	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	90	265318	50.0	46.4	
35 Acrylonitrile	53	2.740	2.740	0.000	96	1113244	500.0	479.9	
36 Hexane	57	2.808	2.808	0.000	88	344250	50.0	47.6	
37 Isopropyl ether	45	2.968	2.980	-0.012	98	747763	50.0	47.9	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	99	449083	50.0	46.3	
40 Vinyl acetate	86	3.014	3.014	0.000	99	117740	100.0	111.5	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	87	253651	50.0	47.3	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	733098	50.0	47.1	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	98	240995	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.449	-0.012	94	88228	50.0	47.4	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	53	290975	50.0	46.8	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	97	185678	250.0	248.6	
47 Ethyl acetate	70	3.471	3.471	0.000	92	67703	100.0	105.0	
46 Methyl acrylate	55	3.528	3.529	-0.001	100	232924	50.0	49.2	
48 Propionitrile	54	3.586	3.597	-0.011	99	419067	500.0	482.0	
49 Chlorobromomethane	128	3.677	3.677	0.000	89	118587	50.0	48.0	
50 Tetrahydrofuran	72	3.677	3.677	0.000	84	81622	100.0	97.4	
54 Methacrylonitrile	67	3.688	3.689	-0.001	88	1330965	500.0	489.9	
51 Chloroform	83	3.723	3.723	0.000	99	402729	50.0	47.4	
53 Cyclohexane	84	3.849	3.837	0.011	87	414524	50.0	46.5	
55 1,1,1-Trichloroethane	97	3.849	3.849	-0.001	98	303942	50.0	46.5	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	120883	50.0	47.4	
57 Carbon tetrachloride	117	3.963	3.963	0.000	99	222322	50.0	46.0	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	98	350371	50.0	46.7	
61 Isobutyl alcohol	43	4.111	4.123	-0.012	94	352552	1250.0	1363.1	
64 Isooctane	57	4.146	4.146	0.000	100	648814	50.0	47.5	
59 Benzene	78	4.180	4.180	0.000	94	1158999	50.0	46.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	93	115138	50.0	45.5	
66 Isopropyl acetate	87	4.226	4.226	0.000	95	247667	50.0	50.3	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	787614	50.0	47.9	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	95	254974	50.0	45.6	
65 n-Heptane	57	4.317	4.317	0.000	88	148431	50.0	47.1	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	524966	50.0	50.0	
70 n-Butanol	56	4.774	4.797	-0.023	86	127527	1250.0	1439.7	
69 Trichloroethene	95	4.809	4.809	0.000	97	266110	50.0	46.7	
72 Methylcyclohexane	83	4.923	4.923	0.000	80	437717	50.0	47.8	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	43651	50.0	51.7	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	96	273793	50.0	48.5	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	31117	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	85	165017	100.0	98.7	
78 1,4-Dioxane	88	5.220	5.220	0.000	93	72227	1000.0	1031.2	
75 Dibromomethane	93	5.232	5.232	0.000	54	147178	50.0	46.5	
77 n-Propyl acetate	43	5.232	5.232	0.000	96	359849	50.0	48.3	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	291582	50.0	47.7	
34 2-Nitropropane	41	5.723	5.723	0.000	83	74310	100.0	87.3	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	96	186848	50.1	50.8	
80 Epichlorohydrin	57	5.849	5.849	0.000	98	656363	1000.0	1044.5	
81 cis-1,3-Dichloropropene	75	5.906	5.917	-0.011	90	428921	50.0	47.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	93	1192866	250.0	252.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	628276	50.0	48.2	
83 Toluene	91	6.249	6.249	0.000	93	1205609	50.0	46.8	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	368653	50.0	49.2	
86 Ethyl methacrylate	69	6.672	6.672	0.000	86	351709	50.0	52.6	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	98	210514	50.0	48.8	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	208254	50.0	46.8	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	90	418631	50.0	47.7	
91 2-Hexanone	43	7.175	7.175	0.000	93	803882	250.0	257.0	
92 n-Butyl acetate	43	7.323	7.323	0.000	98	359122	50.0	49.0	
90 Chlorodibromomethane	129	7.369	7.369	0.000	98	188412	50.0	48.5	
93 Ethylene Dibromide	107	7.517	7.529	-0.012	98	233917	50.0	49.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	82	387850	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	95	688422	50.0	47.6	
97 Ethylbenzene	106	8.226	8.226	0.000	97	391693	50.0	48.3	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	98	186443	50.0	48.4	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	95	487879	50.0	48.7	
100 o-Xylene	106	8.809	8.809	0.000	95	474802	50.0	48.8	
99 n-Butyl acrylate	73	8.809	8.821	-0.011	99	202883	50.0	52.8	
101 Styrene	104	8.843	8.843	0.000	97	798314	50.0	52.1	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	93	395338	50.0	51.4	
103 Bromoform	173	9.060	9.061	-0.001	94	104762	50.0	52.4	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	1132239	50.0	48.1	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	121943	50.0	47.5	
107 Bromobenzene	156	9.506	9.506	0.000	95	230517	50.0	50.3	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	99	330709	50.0	49.9	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	1403184	50.0	50.6	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	98	83987	50.0	49.7	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.632	-0.012	84	76397	50.0	49.6	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	885486	50.0	49.2	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	1105934	50.0	50.0	
116 1,3,5-Trimethylbenzene	105	9.746	9.758	-0.012	93	896852	50.0	49.7	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	860962	50.0	50.0	
117 Butyl Methacrylate	87	9.861	9.861	0.000	84	323192	50.0	53.4	
118 tert-Butylbenzene	119	10.021	10.021	0.000	95	711372	50.0	48.3	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	97	901610	50.0	50.3	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	1108575	50.0	49.9	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	879209	50.0	51.6	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	75	437594	50.0	49.9	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	161706	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	451526	50.0	50.0	
123 1,2,3-Trimethylbenzene	105	10.443	10.444	-0.001	99	911985	50.0	51.3	
125 Benzyl chloride	91	10.558	10.558	0.000	99	572575	50.0	53.8	
111 2,3-Dihydroindene	117	10.603	10.604	-0.001	95	922049	50.0	50.2	
126 p-Diethylbenzene	119	10.661	10.661	0.000	93	524275	50.0	52.1	
127 n-Butylbenzene	92	10.683	10.684	-0.001	98	447105	50.0	53.0	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	96	419908	50.0	50.7	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	595303	50.0	53.6	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	97	48902	50.0	47.3	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	97	226884	50.0	51.6	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	196804	50.0	53.1	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	66581	50.0	47.6	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	0	81650	50.0	42.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	100	570318	50.0	41.3	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	181088	50.0	51.7	
S 136 1,2-Dichloroethene, Total	100				0		100.0	93.2	
S 137 Xylenes, Total	100				0		100.0	97.5	
S 138 1,3-Dichloropropene, Total	1				0		100.0	96.8	
S 139 Total BTEX	1				0		250.0	239.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00539	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00173	Amount Added:	50.00	Units: uL	
524FREONS_00005	Amount Added:	50.00	Units: uL	
EthyhexAcr_Li_00001	Amount Added:	50.00	Units: uL	
ACROLEIN W_00157	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 25-Jul-2023 12:13:18 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41118.D

Injection Date: 23-Jul-2023 17:44:30 Instrument ID: CVOAMS7

Lims ID: STD50

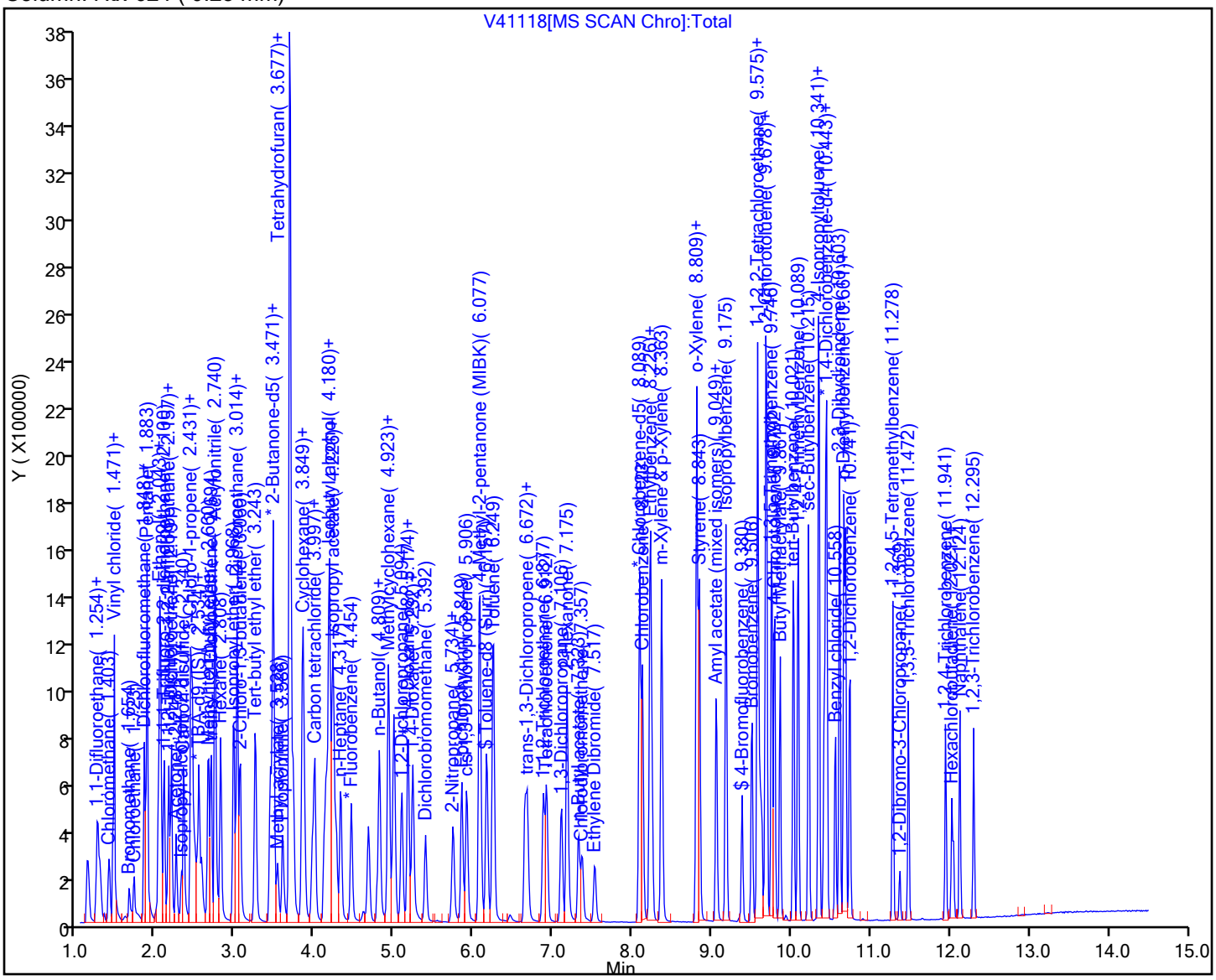
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison

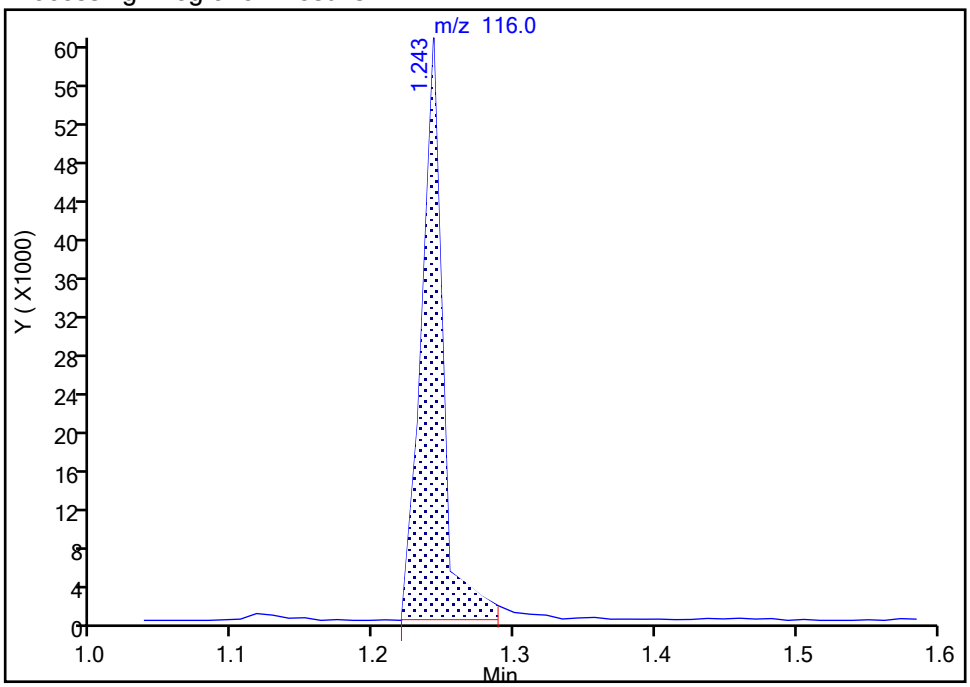
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41118.D
Injection Date: 23-Jul-2023 17:44:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

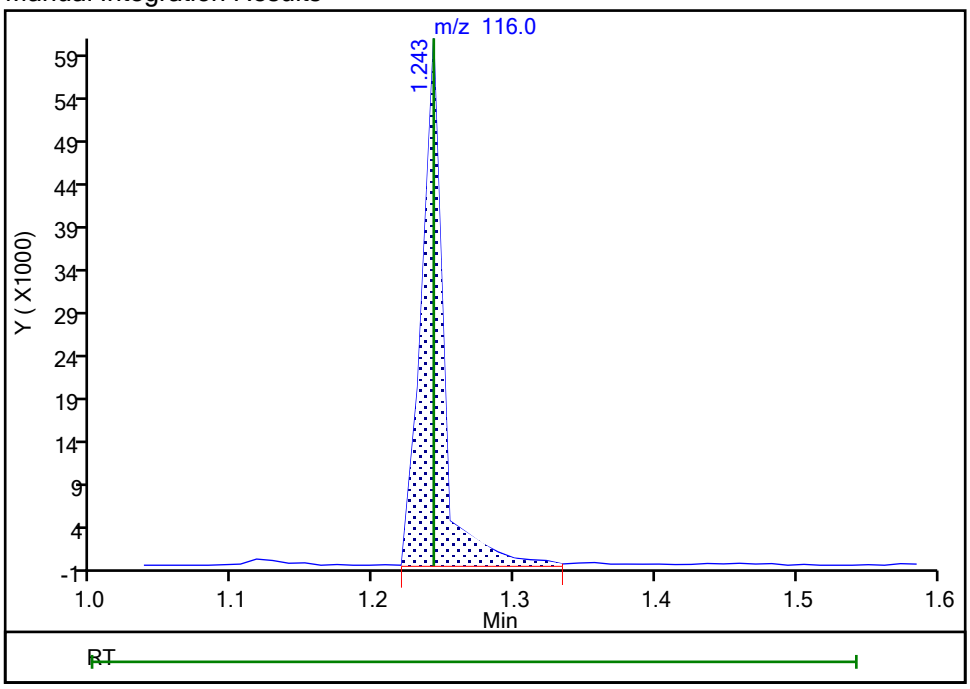
Processing Integration Results

RT: 1.24
Area: 64697
Amount: 36.903539
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 66189
Amount: 43.243847
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:49:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

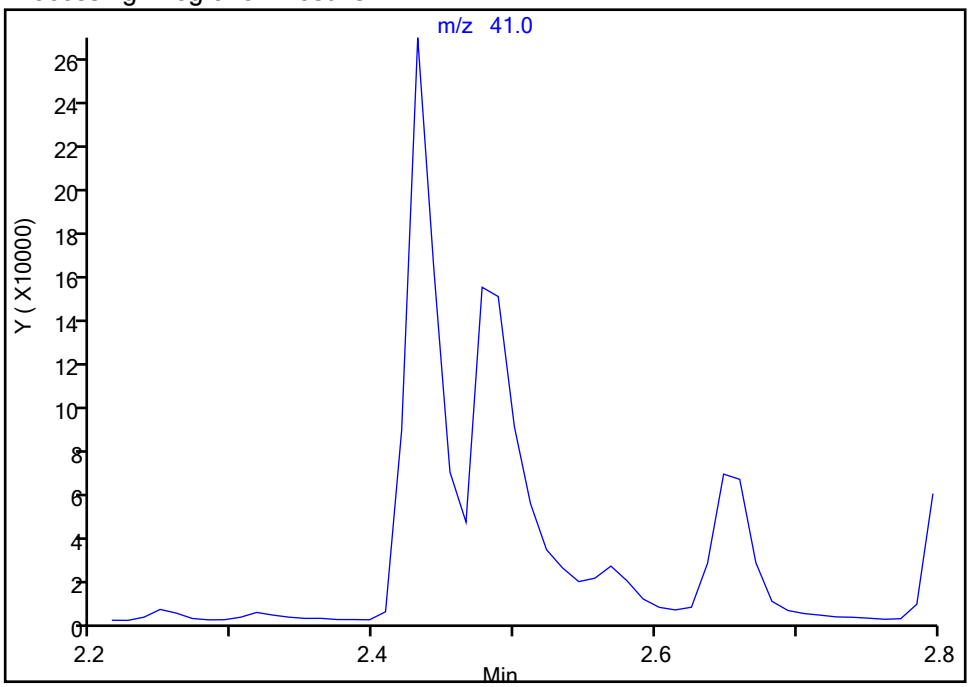
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41118.D
Injection Date: 23-Jul-2023 17:44:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

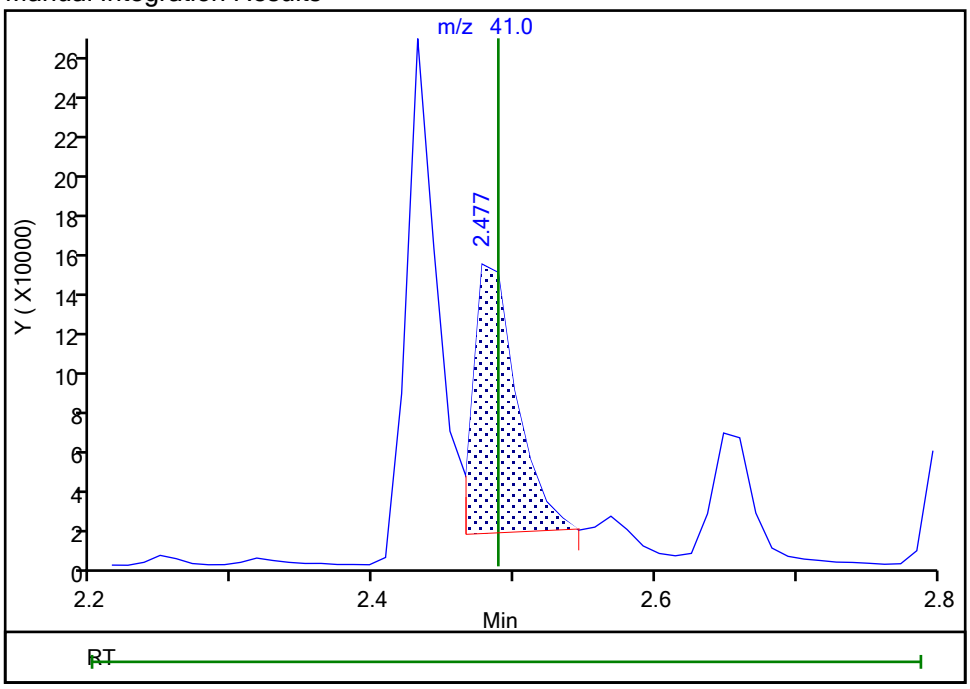
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 290606
Amount: 506.4555
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:10:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

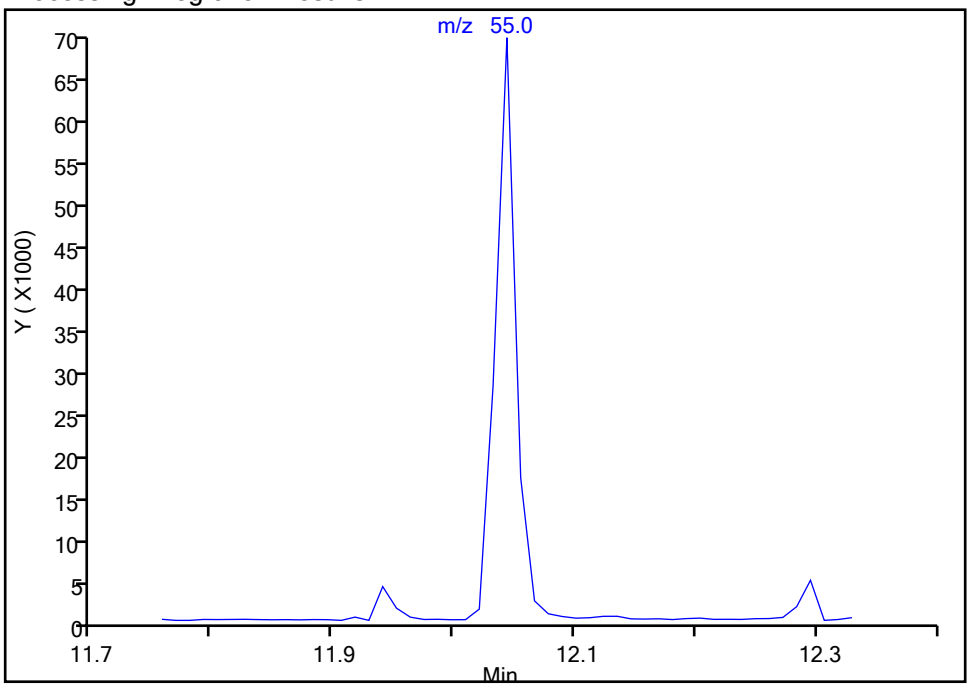
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41118.D
Injection Date: 23-Jul-2023 17:44:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

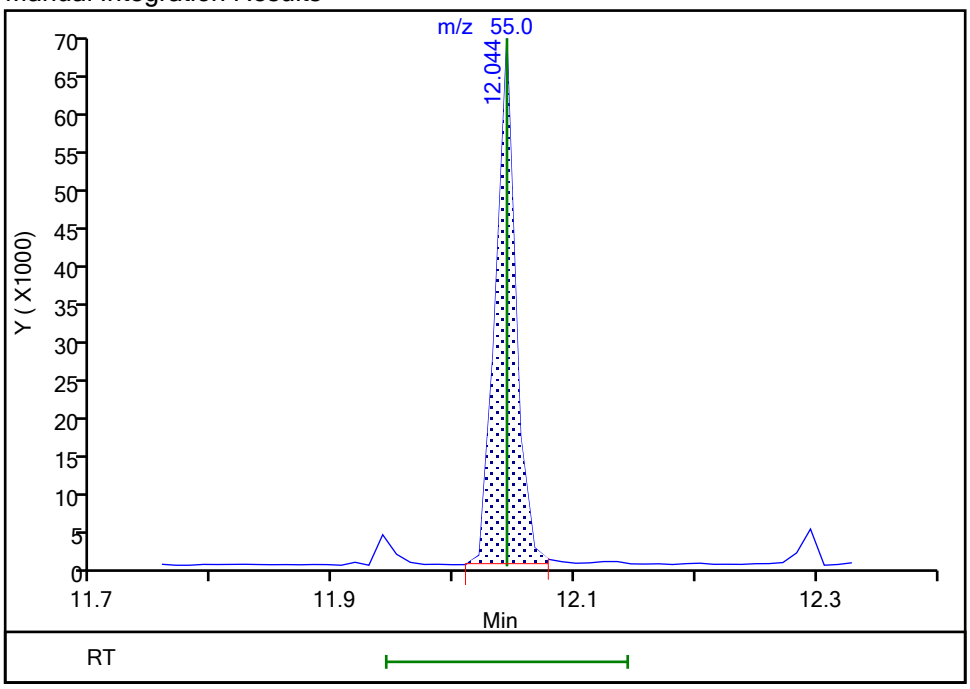
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 81650
Amount: 41.997276
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:40:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jul-2023 18:06:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0163741-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:13:24 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 18:44:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.163	0.000	59	36906	200.0	157.6	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	82	310824	200.0	202.5	M
4 1,1-Difluoroethane	65	1.254	1.254	0.000	87	517149	200.0	198.2	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	1182282	200.0	207.2	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	140162	200.0	202.6	
6 Chloromethane	50	1.403	1.403	0.000	99	1225730	200.0	196.2	
7 Vinyl chloride	62	1.448	1.448	0.000	98	1358693	200.0	195.4	
8 Butadiene	54	1.471	1.471	0.000	94	1256771	200.0	188.5	
9 Bromomethane	94	1.665	1.666	-0.001	100	555238	200.0	236.0	
10 Chloroethane	64	1.723	1.723	0.000	98	758044	200.0	199.6	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	98	1570799	200.0	198.5	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	1212162	200.0	196.9	
13 Pentane	72	1.883	1.883	0.000	96	376784	400.0	409.0	
17 Ethanol	46	1.997	1.997	0.000	100	226631	8000.0	7004.0	
14 Ethyl ether	74	2.031	2.031	0.000	95	692498	200.0	205.7	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	93	881322	200.0	197.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	88	821263	200.0	207.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	1549478	200.0	201.9	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	94	888296	200.0	193.1	
52 Acrolein	56	2.157	2.168	-0.011	94	215132	200.0	222.0	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	95	940628	200.0	195.9	
23 Acetone	43	2.248	2.248	0.000	89	1631383	1000.0	1019.3	
21 Iodomethane	142	2.317	2.317	0.000	96	764978	200.0	207.6	
24 Isopropyl alcohol	45	2.317	2.317	0.000	95	636222	2000.0	1889.5	
22 Carbon disulfide	76	2.340	2.351	-0.011	98	3262606	200.0	193.1	
30 Methyl acetate	43	2.431	2.431	0.000	97	1709594	400.0	430.9	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	91	777686	200.0	203.7	
25 Cyclopentene	67	2.454	2.454	0.000	96	2456141	200.0	205.0	
27 Acetonitrile	41	2.477	2.488	-0.011	99	1551912	2000.0	2491.1	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	98	41516	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.534	2.534	0.000	88	1083584	200.0	195.4	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	100	996977	2000.0	1979.3	
32 Methyl tert-butyl ether	73	2.648	2.660	-0.012	97	3080232	200.0	205.5	a
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	91	1097716	200.0	199.3	
35 Acrylonitrile	53	2.740	2.740	0.000	96	4821202	2000.0	2157.8	
36 Hexane	57	2.808	2.808	0.000	89	1435879	200.0	206.0	
37 Isopropyl ether	45	2.968	2.980	-0.012	97	3228186	200.0	214.8	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	64	1849740	200.0	197.9	
40 Vinyl acetate	86	3.014	3.014	0.000	100	493602	400.0	430.5	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	86	1068922	200.0	206.8	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	3152696	200.0	210.5	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	97	261651	250.0	250.0	
43 2,2-Dichloropropane	97	3.448	3.449	-0.001	94	360563	200.0	201.0	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	51	1221922	200.0	204.1	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	97	811553	1000.0	1000.9	
47 Ethyl acetate	70	3.471	3.471	0.000	92	291796	400.0	416.7	
46 Methyl acrylate	55	3.529	3.529	-0.001	100	1072114	200.0	235.1	
48 Propionitrile	54	3.586	3.597	-0.011	99	1834143	2000.0	2190.2	
49 Chlorobromomethane	128	3.677	3.677	0.000	92	464155	200.0	195.1	
50 Tetrahydrofuran	72	3.666	3.677	-0.011	95	340035	400.0	421.1	
54 Methacrylonitrile	67	3.689	3.689	0.000	88	5704966	2000.0	2180.0	
51 Chloroform	83	3.723	3.723	0.000	99	1646828	200.0	201.2	
53 Cyclohexane	84	3.837	3.837	0.000	88	1713915	200.0	199.4	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	99	1267981	200.0	201.4	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	129596	50.0	52.8	
57 Carbon tetrachloride	117	3.963	3.963	0.000	99	933046	200.0	200.4	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	99	1466344	200.0	202.8	
61 Isobutyl alcohol	43	4.111	4.123	-0.012	94	1695500	5000.0	5057.3	
64 Isooctane	57	4.146	4.146	0.000	99	2854006	200.0	217.1	a
59 Benzene	78	4.180	4.180	0.000	95	4828611	200.0	198.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	90	133473	50.0	54.7	
66 Isopropyl acetate	87	4.226	4.226	0.000	97	1026666	200.0	216.4	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	3376596	200.0	213.2	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	96	1065352	200.0	197.8	
65 n-Heptane	57	4.317	4.317	0.000	89	639026	200.0	210.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	505672	50.0	50.0	
70 n-Butanol	56	4.774	4.797	-0.023	83	728449	5000.0	6344.2	
69 Trichloroethene	95	4.809	4.809	0.000	98	1090339	200.0	198.8	
72 Methylcyclohexane	83	4.923	4.923	0.000	81	1835295	200.0	208.1	
71 Ethyl acrylate	99	4.923	4.923	0.000	97	188359	200.0	231.4	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	95	1129336	200.0	207.8	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	50	36237	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	88	735579	400.0	456.7	
78 1,4-Dioxane	88	5.220	5.220	0.000	89	297761	4000.0	3650.6	
75 Dibromomethane	93	5.232	5.232	0.000	92	616496	200.0	202.0	
77 n-Propyl acetate	43	5.220	5.232	-0.012	97	1609558	200.0	224.4	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	1231703	200.0	209.0	
34 2-Nitropropane	41	5.723	5.723	0.000	97	353462	400.0	431.1	
79 2-Chloroethyl vinyl ether	63	5.734	5.746	-0.012	95	792654	200.5	223.6	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	2765350	4000.0	4053.2	
81 cis-1,3-Dichloropropene	75	5.906	5.917	-0.011	90	1840376	200.0	208.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	93	5167575	1000.0	1005.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	680034	50.0	53.5	
83 Toluene	91	6.249	6.249	0.000	93	5035482	200.0	200.2	
85 trans-1,3-Dichloropropene	75	6.637	6.649	-0.012	95	1577884	200.0	215.9	
86 Ethyl methacrylate	69	6.672	6.672	0.000	86	1513312	200.0	231.8	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	98	870803	200.0	206.8	
88 Tetrachloroethene	166	6.912	6.912	0.000	94	858027	200.0	197.4	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	90	1736869	200.0	202.9	
91 2-Hexanone	43	7.175	7.175	0.000	93	3531692	1000.0	1039.8	
92 n-Butyl acetate	43	7.312	7.323	-0.011	98	1590056	200.0	222.1	
90 Chlorodibromomethane	129	7.369	7.369	0.000	98	824757	200.0	217.4	
93 Ethylene Dibromide	107	7.517	7.529	-0.012	98	970522	200.0	208.8	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	47	378717	50.0	50.0	a
95 Chlorobenzene	112	8.123	8.123	0.000	95	2821907	200.0	200.0	
97 Ethylbenzene	106	8.226	8.226	0.000	98	1616947	200.0	204.1	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	98	793521	200.0	211.2	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	96	1977679	200.0	202.0	
100 o-Xylene	106	8.809	8.809	0.000	94	1904021	200.0	200.5	
99 n-Butyl acrylate	73	8.809	8.821	-0.011	99	904251	200.0	241.0	
101 Styrene	104	8.843	8.843	0.000	97	3213693	200.0	214.6	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	92	1736981	200.0	222.3	
103 Bromoform	173	9.060	9.061	-0.001	96	459385	200.0	235.3	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	4552081	200.0	198.1	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	131922	50.0	52.6	
107 Bromobenzene	156	9.506	9.506	0.000	95	910465	200.0	195.3	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	100	1362207	200.0	202.4	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	5726055	200.0	203.3	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	98	343172	200.0	199.7	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	90	329653	200.0	210.5	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	3648523	200.0	199.6	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	4640387	200.0	206.6	
116 1,3,5-Trimethylbenzene	105	9.746	9.758	-0.012	93	3625015	200.0	197.8	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	3476837	200.0	198.6	
117 Butyl Methacrylate	87	9.861	9.861	0.000	84	1495412	200.0	243.1	
118 tert-Butylbenzene	119	10.032	10.021	0.011	95	2871009	200.0	191.8	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	97	3756858	200.0	206.2	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	4501579	200.0	199.3	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	3578889	200.0	206.8	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	75	1750524	200.0	196.5	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	164363	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	1788703	200.0	194.9	
123 1,2,3-Trimethylbenzene	105	10.443	10.444	-0.001	100	3895345	200.0	215.6	
125 Benzyl chloride	91	10.558	10.558	0.000	99	2576509	200.0	238.3	
111 2,3-Dihydroindene	117	10.603	10.604	-0.001	95	3747418	200.0	200.7	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	2210234	200.0	216.1	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	1894108	200.0	220.9	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	96	1670691	200.0	198.6	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	2918087	200.0	225.3	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	97	216233	200.0	205.8	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	961319	200.0	215.3	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	863817	200.0	229.3	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	283683	200.0	199.5	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	0	534725	200.0	202.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	100	2991177	200.0	204.1	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	774805	200.0	217.6	
S 136 1,2-Dichloroethene, Total	100				0		400.0	403.4	
S 137 Xylenes, Total	100				0		400.0	402.5	
S 138 1,3-Dichloropropene, Total	1				0		400.0	424.8	
S 139 Total BTEX	1				0		1000.0	1004.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

Ethanol mix_00079	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00138	Amount Added:	20.00	Units: uL	
MIX I Hi_00165	Amount Added:	20.00	Units: uL	
GAS Hi_00447	Amount Added:	20.00	Units: uL	
7 Freons Hi_00004	Amount Added:	20.00	Units: uL	
EthyhexAcr_Hi_00001	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 25-Jul-2023 12:13:25 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D

Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7

Lims ID: STD200

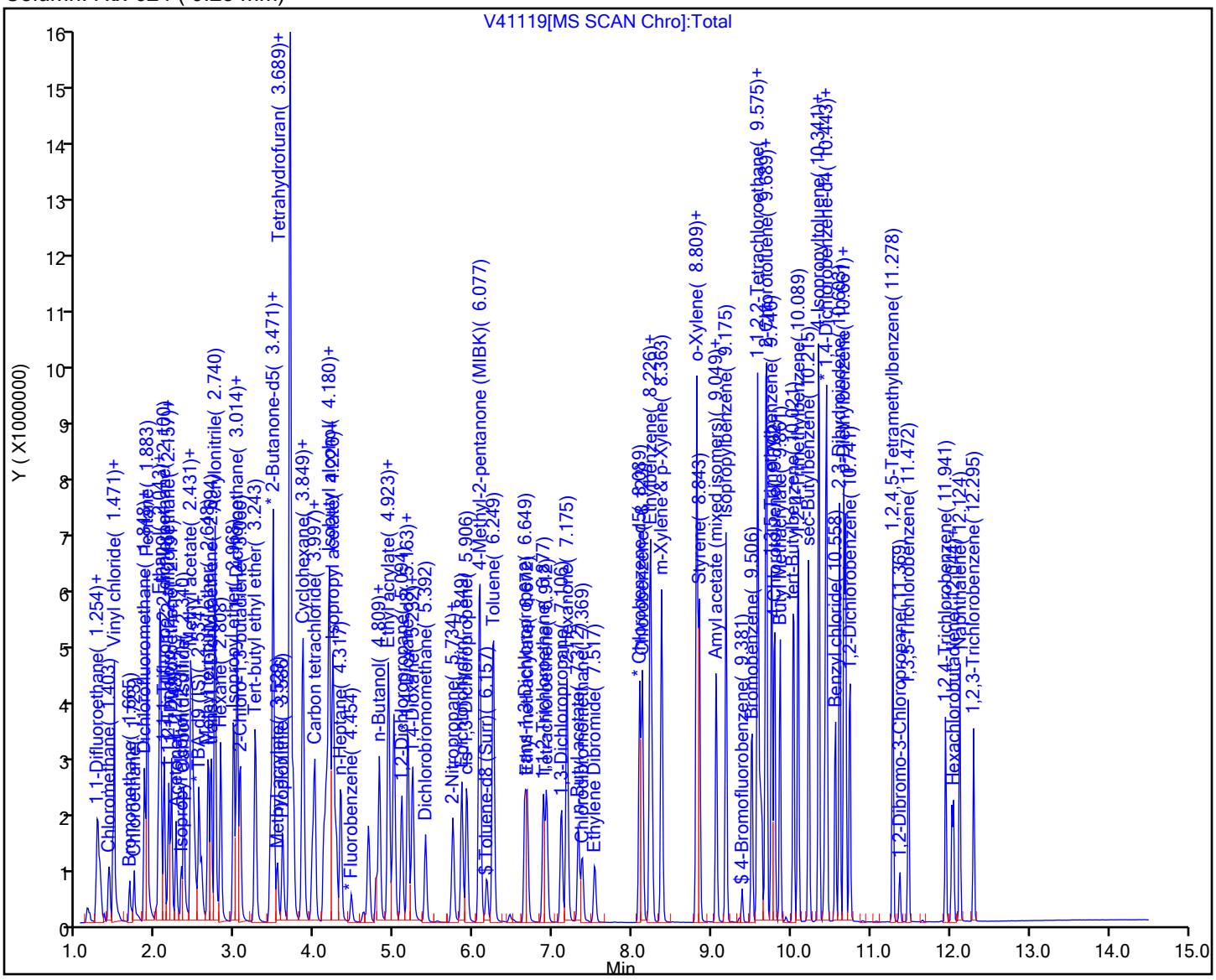
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

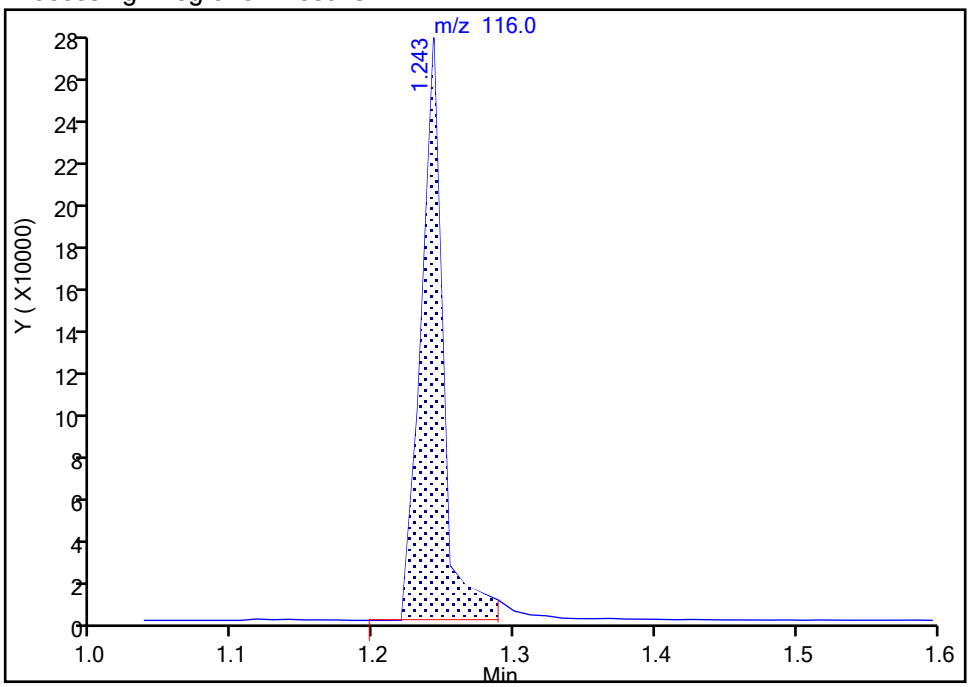
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

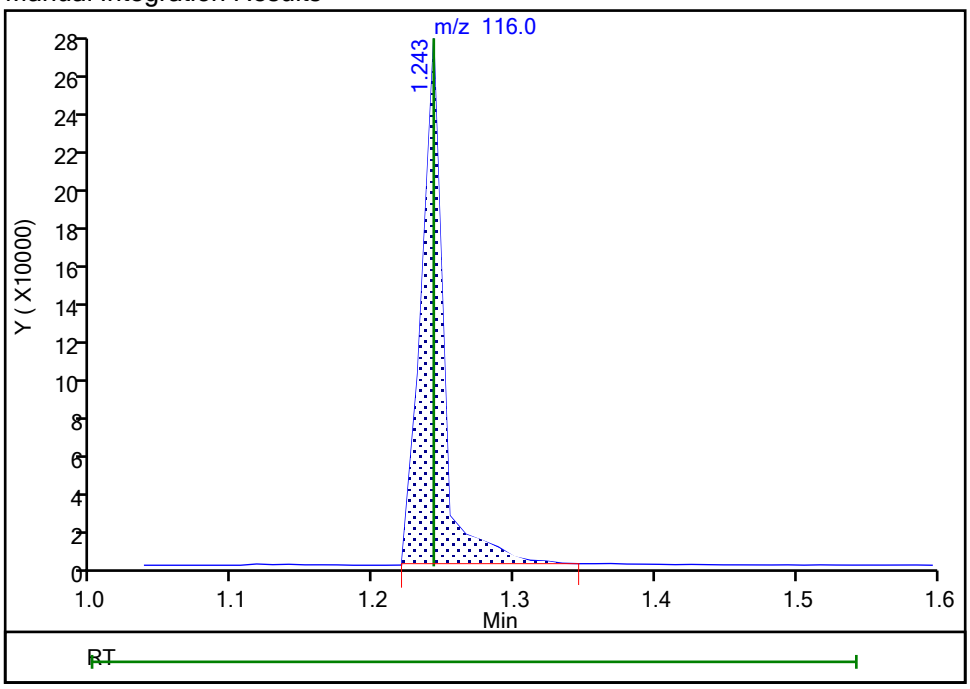
Processing Integration Results

RT: 1.24
Area: 305938
Amount: 181.5424
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 310824
Amount: 202.5378
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:49:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

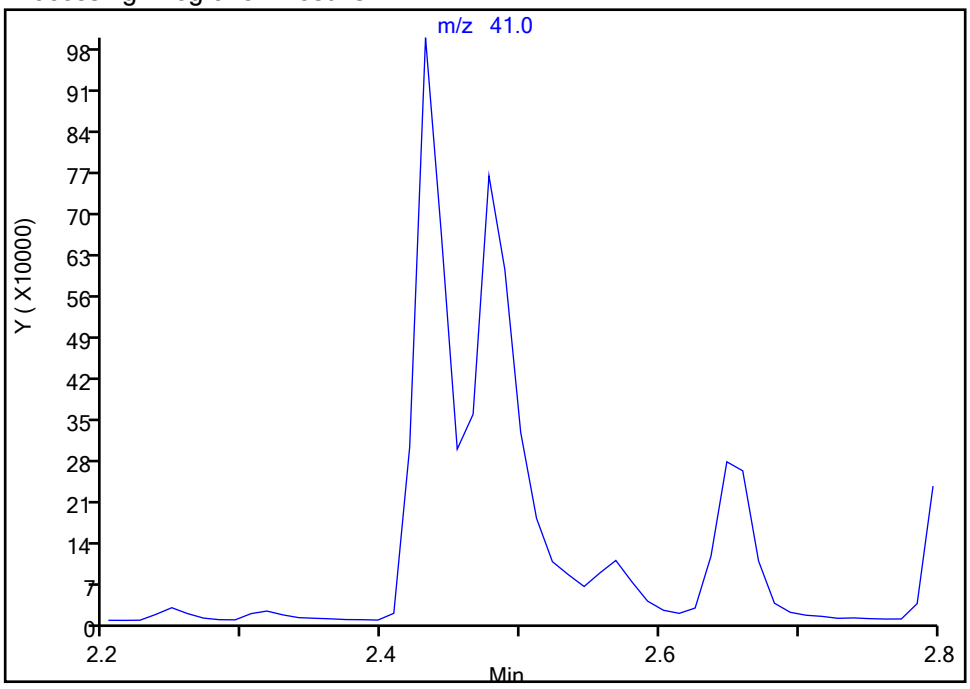
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

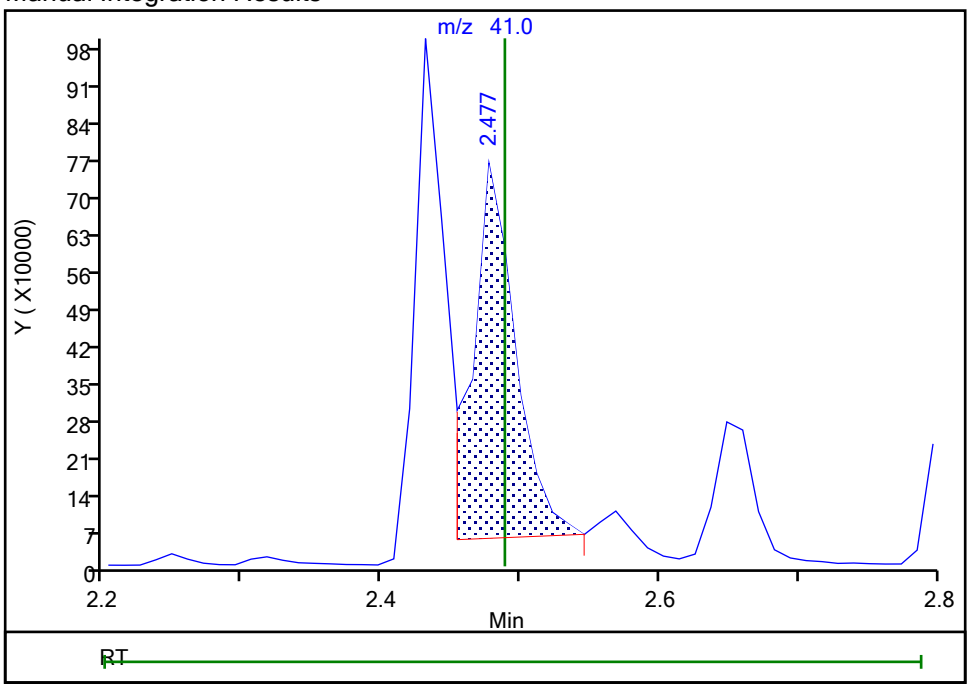
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.48
Area: 1551912
Amount: 2491.0900
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:42:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

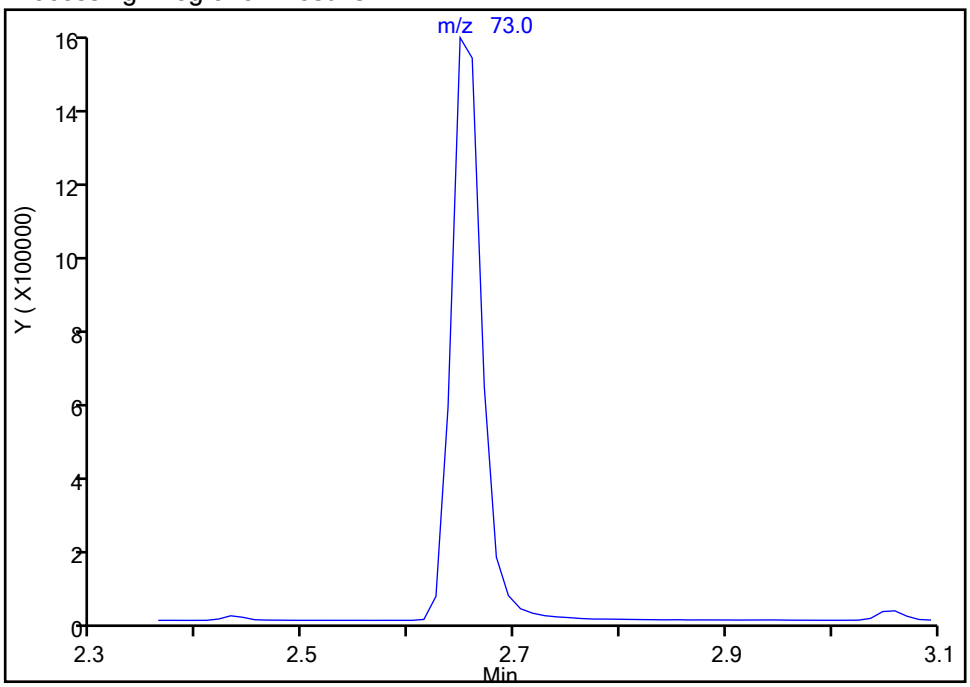
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

32 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

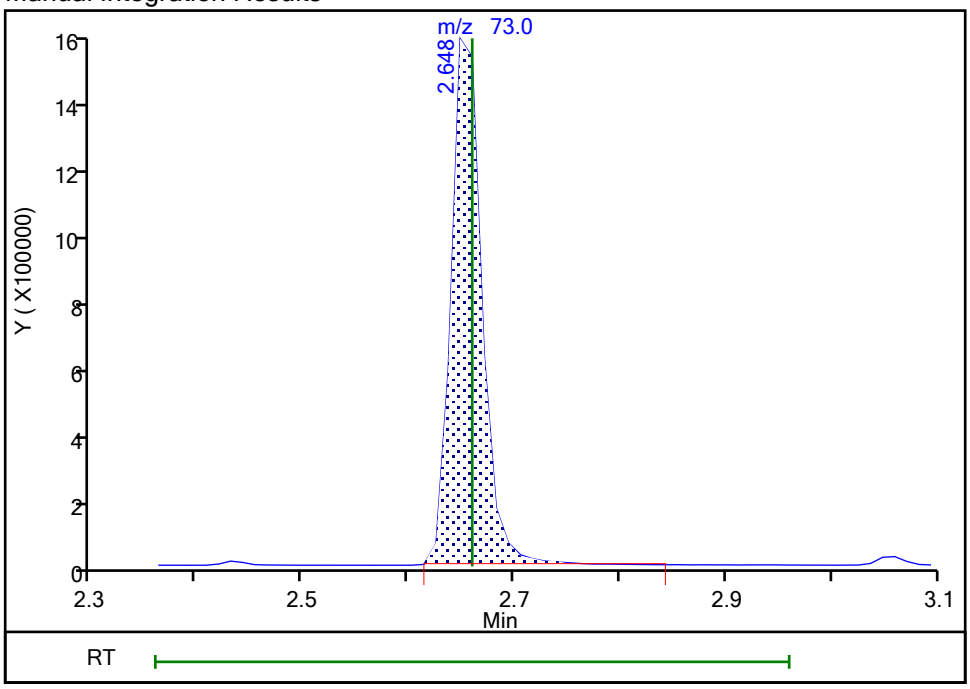
Not Detected
Expected RT: 2.66

Processing Integration Results



Manual Integration Results

RT: 2.65
Area: 3080232
Amount: 205.4544
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:42:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

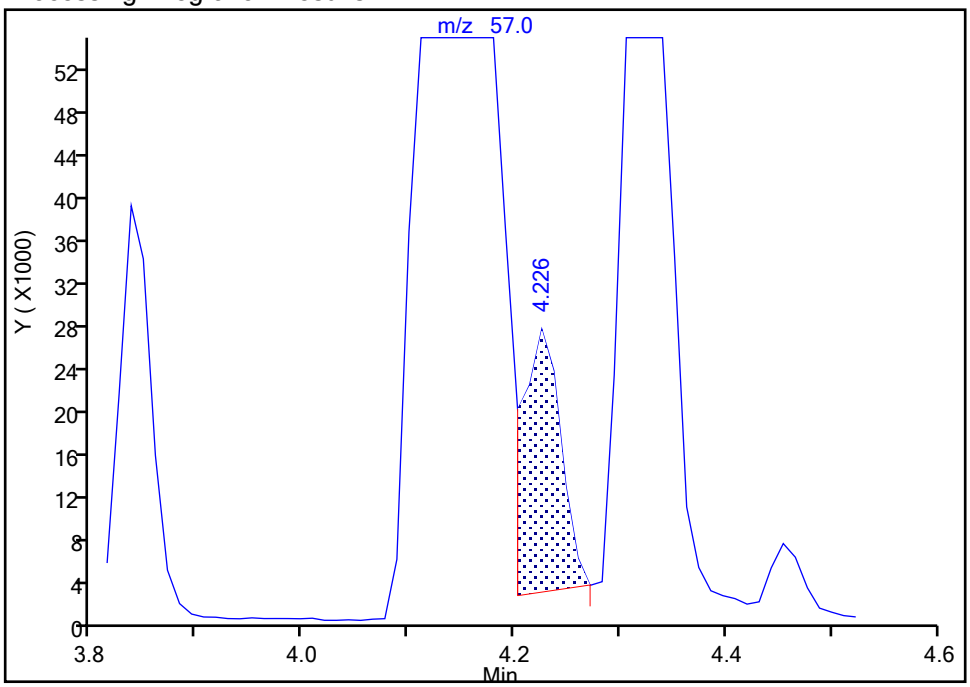
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

64 Isooctane, CAS: 540-84-1

Signal: 1

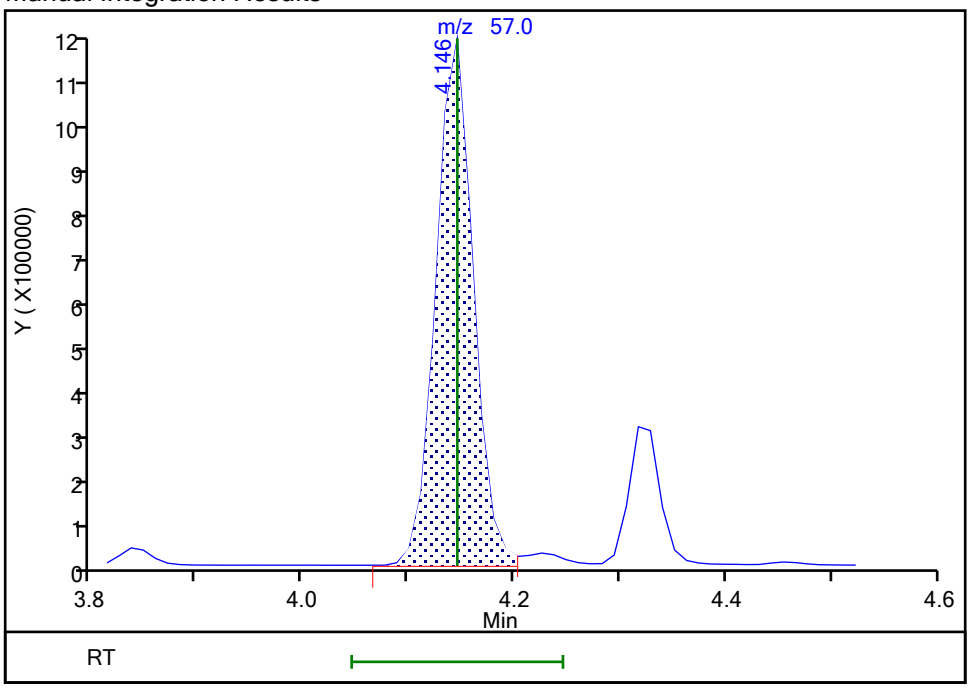
Processing Integration Results

RT: 4.23
Area: 64356
Amount: 5.007260
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 2854006
Amount: 217.0911
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:26:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

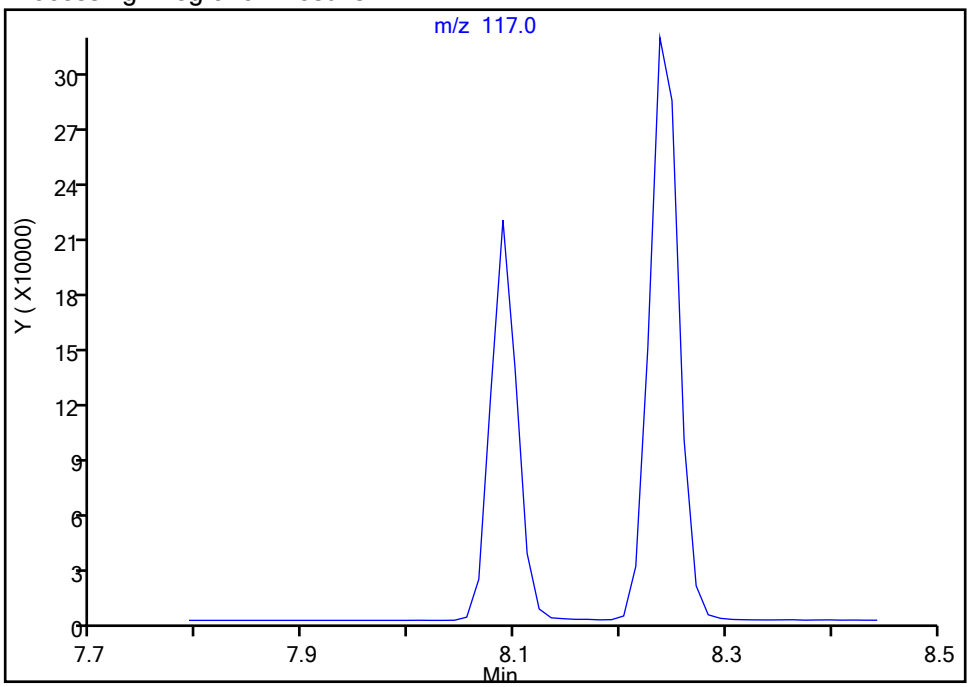
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

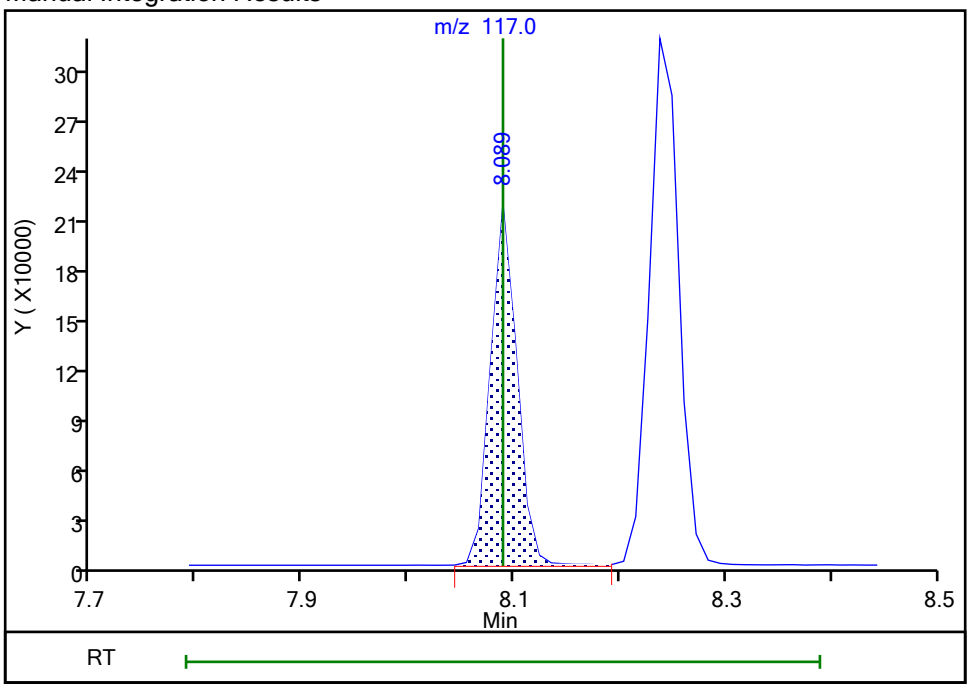
Not Detected
Expected RT: 8.09

Processing Integration Results



Manual Integration Results

RT: 8.09
Area: 378717
Amount: 50.000000
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:41:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

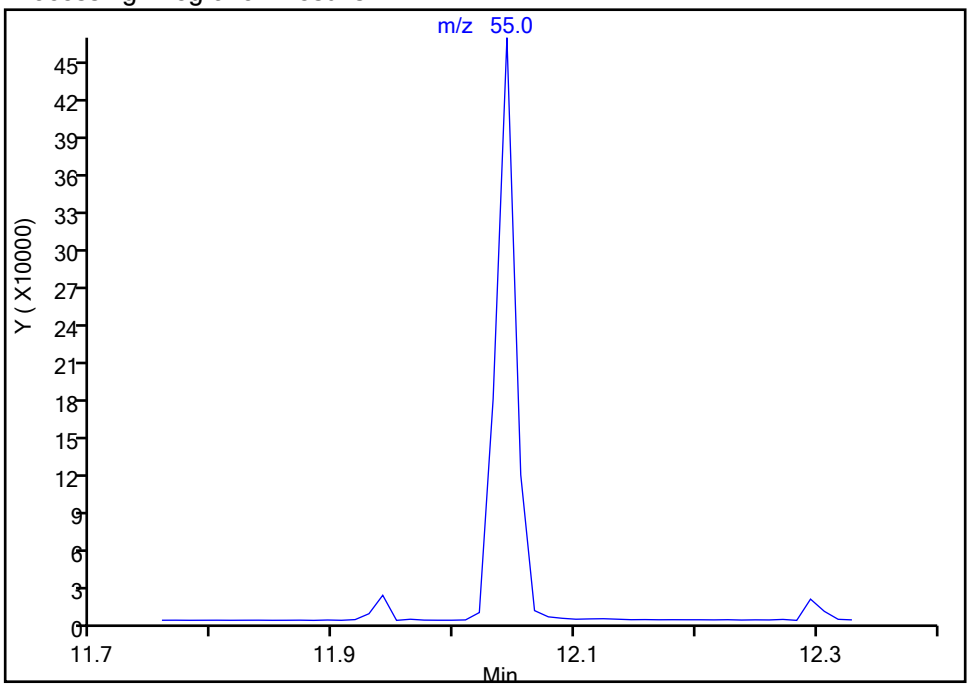
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41119.D
Injection Date: 23-Jul-2023 18:06:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

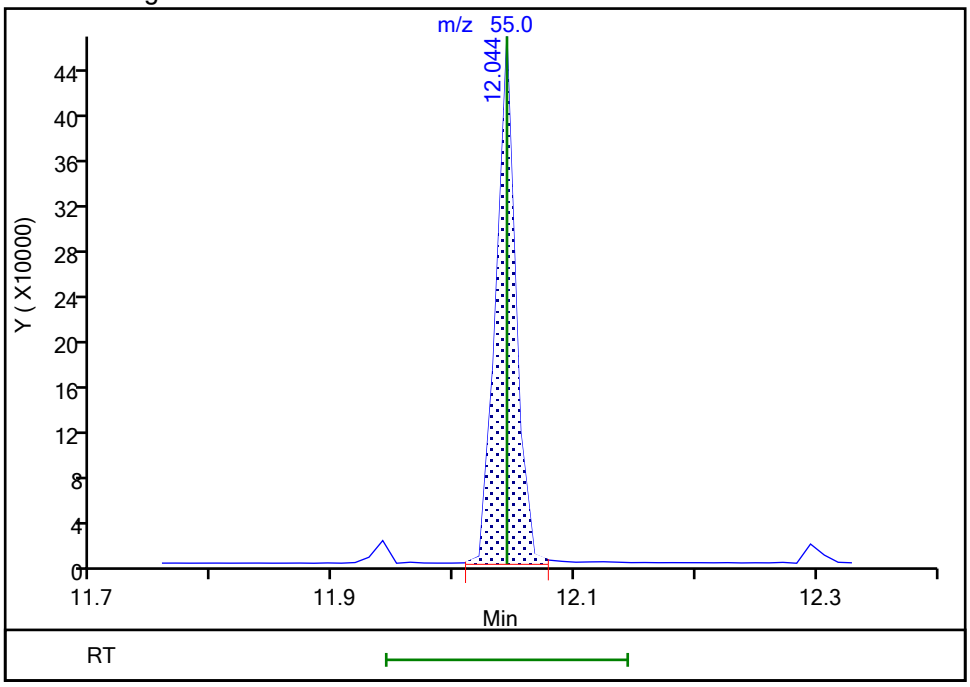
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 534725
Amount: 202.3264
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:40:54 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jul-2023 18:27:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0163741-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub9

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:13:32 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: HVW2 Date: 23-Jul-2023 18:51:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.163	0.011	74	87287	500.0	329.8	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	90	930308	500.0	499.7	M
4 1,1-Difluoroethane	65	1.266	1.254	0.012	85	1364578	500.0	462.7	
5 Dichlorodifluoromethane	85	1.266	1.265	0.001	99	3335672	500.0	517.2	M
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	359358	500.0	499.6	
6 Chloromethane	50	1.414	1.403	0.011	99	3315379	500.0	469.4	
7 Vinyl chloride	62	1.460	1.448	0.012	98	3526630	500.0	448.8	
8 Butadiene	54	1.471	1.471	0.000	95	3461372	500.0	459.4	
9 Bromomethane	94	1.666	1.666	0.000	99	1218081	500.0	458.0	
10 Chloroethane	64	1.723	1.723	0.000	99	1759361	500.0	409.9	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	4090047	500.0	457.2	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	3130465	500.0	449.9	
13 Pentane	72	1.883	1.883	0.000	97	1012701	1000.0	972.6	
17 Ethanol	46	2.031	1.997	0.034	78	608447	20000	16139	
14 Ethyl ether	74	2.031	2.031	0.000	96	1861298	500.0	489.1	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	93	2428156	500.0	482.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.054	0.012	96	1684950	500.0	376.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	4055994	500.0	467.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	2522279	500.0	485.0	
52 Acrolein	56	2.169	2.168	0.000	94	477508	400.0	436.0	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	2581954	500.0	475.8	
23 Acetone	43	2.249	2.248	0.001	89	4741617	2500.0	2588.2	
21 Iodomethane	142	2.317	2.317	0.000	95	1993991	500.0	498.9	
24 Isopropyl alcohol	45	2.329	2.317	0.012	94	1752331	5000.0	4466.5	a
22 Carbon disulfide	76	2.351	2.351	0.000	98	8786201	500.0	460.0	
30 Methyl acetate	43	2.443	2.431	0.012	97	4673089	1000.0	1042.0	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	92	2328453	500.0	539.6	
25 Cyclopentene	67	2.454	2.454	0.000	96	6779055	500.0	500.6	
27 Acetonitrile	41	2.489	2.488	0.001	96	3964999	5000.0	5560.0	a
* 28 TBA-d9 (IS)	66	2.523	2.511	0.012	98	48372	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.546	2.534	0.012	87	2939632	500.0	468.9	
31 2-Methyl-2-propanol	59	2.580	2.568	0.012	100	2690482	5000.0	5003.4	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	97	8421229	500.0	497.0	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	92	2990672	500.0	480.3	
35 Acrylonitrile	53	2.740	2.740	0.000	96	13067021	5000.0	5174.2	
36 Hexane	57	2.809	2.808	0.001	89	4022755	500.0	510.7	
37 Isopropyl ether	45	2.980	2.980	0.000	98	8876906	500.0	522.5	
38 1,1-Dichloroethane	63	3.026	3.014	0.012	60	4932927	500.0	467.0	
40 Vinyl acetate	86	3.026	3.014	0.012	99	1388533	1000.0	1057.9	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	87	2888535	500.0	494.4	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	89	8603309	500.0	508.1	
* 42 2-Butanone-d5	46	3.437	3.426	0.011	98	299509	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.449	0.000	95	993176	500.0	489.9	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	93	3193927	500.0	472.1	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	97	2166903	2500.0	2334.7	
47 Ethyl acetate	70	3.471	3.471	0.000	93	789660	1000.0	985.2	
46 Methyl acrylate	55	3.529	3.529	0.000	100	2994156	500.0	581.0	
48 Propionitrile	54	3.597	3.597	0.000	100	4896641	5000.0	5173.1	
49 Chlorobromomethane	128	3.689	3.677	0.012	93	1152584	500.0	428.6	
50 Tetrahydrofuran	72	3.677	3.677	0.000	91	901378	1000.0	987.5	
54 Methacrylonitrile	67	3.700	3.689	0.011	88	14442492	5000.0	4882.6	e
51 Chloroform	83	3.734	3.723	0.011	100	4446850	500.0	480.7	
53 Cyclohexane	84	3.849	3.837	0.012	87	4803906	500.0	494.5	
55 1,1,1-Trichloroethane	97	3.860	3.849	0.011	98	3487770	500.0	490.1	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	94	132865	50.0	47.9	
57 Carbon tetrachloride	117	3.974	3.963	0.011	99	2685007	500.0	510.1	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	99	4068826	500.0	497.9	
61 Isobutyl alcohol	43	4.123	4.123	0.000	93	4471467	12500	11447	
64 Isooctane	57	4.146	4.146	0.000	99	7842229	500.0	527.8	
59 Benzene	78	4.180	4.180	0.000	94	13254207	500.0	509.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	83	138608	50.0	50.3	
66 Isopropyl acetate	87	4.226	4.226	0.000	97	2717249	500.0	506.8	
62 Tert-amyl methyl ether	73	4.237	4.226	0.011	93	9467524	500.0	529.0	
63 1,2-Dichloroethane	62	4.272	4.271	0.001	95	2826740	500.0	464.4	
65 n-Heptane	57	4.329	4.317	0.012	88	1762095	500.0	514.1	
* 67 Fluorobenzene	96	4.454	4.454	0.000	100	571551	50.0	50.0	
70 n-Butanol	56	4.774	4.797	-0.023	84	2050260	12500	15325	
69 Trichloroethene	95	4.809	4.809	0.000	97	2969625	500.0	479.1	
72 Methylcyclohexane	83	4.923	4.923	0.000	88	4982612	500.0	500.0	
71 Ethyl acrylate	99	4.923	4.923	0.000	97	498220	500.0	541.6	
73 1,2-Dichloropropane	63	5.095	5.094	0.001	96	3034201	500.0	493.9	
* 68 1,4-Dioxane-d8	96	5.232	5.163	0.069	44	48733	1000.0	1000.0	a
74 Methyl methacrylate	100	5.175	5.174	0.001	85	1913482	1000.0	1051.0	
78 1,4-Dioxane	88	5.220	5.220	0.000	30	785425	10000	7160.2	
75 Dibromomethane	93	5.232	5.232	0.000	91	1638817	500.0	475.1	
77 n-Propyl acetate	43	5.232	5.232	0.000	97	4341811	500.0	535.5	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	3328906	500.0	499.7	
34 2-Nitropropane	41	5.723	5.723	0.000	98	991615	1000.0	1070.0	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	95	2054654	501.2	512.9	
80 Epichlorohydrin	57	5.860	5.849	0.011	98	7233344	10000	9262.0	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	89	4903318	500.0	521.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	94	13567333	2500.0	2306.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.169	6.157	0.012	100	667481	50.0	49.1	
83 Toluene	91	6.249	6.249	0.000	93	13514761	500.0	503.0	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	4153931	500.0	532.0	
86 Ethyl methacrylate	69	6.672	6.672	0.000	87	4064633	500.0	582.8	
87 1,1,2-Trichloroethane	83	6.878	6.877	0.001	99	2271993	500.0	505.2	
88 Tetrachloroethene	166	6.923	6.912	0.011	95	2234918	500.0	481.4	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	90	4485059	500.0	490.4	
91 2-Hexanone	43	7.175	7.175	0.000	94	9279936	2500.0	2386.9	
92 n-Butyl acetate	43	7.323	7.323	0.000	98	4219330	500.0	551.8	
90 Chlorodibromomethane	129	7.369	7.369	0.000	98	2179935	500.0	537.9	
93 Ethylene Dibromide	107	7.529	7.529	0.000	98	2490783	500.0	501.6	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	40	404536	50.0	50.0	a
95 Chlorobenzene	112	8.123	8.123	0.000	95	7356944	500.0	488.2	
97 Ethylbenzene	106	8.226	8.226	0.000	98	4200475	500.0	496.3	
96 1,1,1,2-Tetrachloroethane	131	8.249	8.238	0.011	99	2049931	500.0	510.7	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	96	5210257	500.0	498.2	
100 o-Xylene	106	8.809	8.809	0.000	94	4882590	500.0	481.3	
99 n-Butyl acrylate	73	8.809	8.821	-0.011	98	2403981	500.0	599.9	
101 Styrene	104	8.843	8.843	0.000	97	8480235	500.0	530.2	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	92	4609404	500.0	545.4	
103 Bromoform	173	9.061	9.061	0.000	95	1248488	500.0	598.6	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	11879879	500.0	483.9	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	128925	50.0	48.1	
107 Bromobenzene	156	9.506	9.506	0.000	93	2362159	500.0	468.5	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	100	3513125	500.0	482.5	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	14202269	500.0	466.2	e
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	99	879378	500.0	473.1	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	94	891153	500.0	526.1	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	9730802	500.0	492.2	
113 4-Ethyltoluene	105	9.689	9.689	0.000	99	11786329	500.0	485.0	
116 1,3,5-Trimethylbenzene	105	9.758	9.758	0.000	93	9692866	500.0	488.9	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	8988448	500.0	474.6	
117 Butyl Methacrylate	87	9.861	9.861	0.000	85	4085886	500.0	614.0	
118 tert-Butylbenzene	119	10.032	10.021	0.011	94	7659005	500.0	473.1	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	97	9961895	500.0	505.5	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	11956672	500.0	489.5	
121 4-Isopropyltoluene	119	10.352	10.341	0.011	98	9393348	500.0	501.8	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	71	4435727	500.0	460.3	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	177797	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	4646704	500.0	468.1	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	100	10076067	500.0	515.5	
125 Benzyl chloride	91	10.558	10.558	0.000	99	7048779	500.0	602.7	
111 2,3-Dihydroindene	117	10.615	10.604	0.011	95	9663798	500.0	478.5	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	5748304	500.0	519.6	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	5062563	500.0	545.8	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	95	4391480	500.0	482.6	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	8008590	500.0	480.9	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	97	576261	500.0	507.0	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	2428588	500.0	502.8	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	2204260	500.0	540.9	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	707097	500.0	459.8	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	0	2097817	500.0	499.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	100	8530928	500.0	499.5	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	2013406	500.0	522.7	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	952.4	
S 137 Xylenes, Total	100				0		1000.0	979.5	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1053.2	
S 139 Total BTEX	1				0		2500.0	2488.0	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

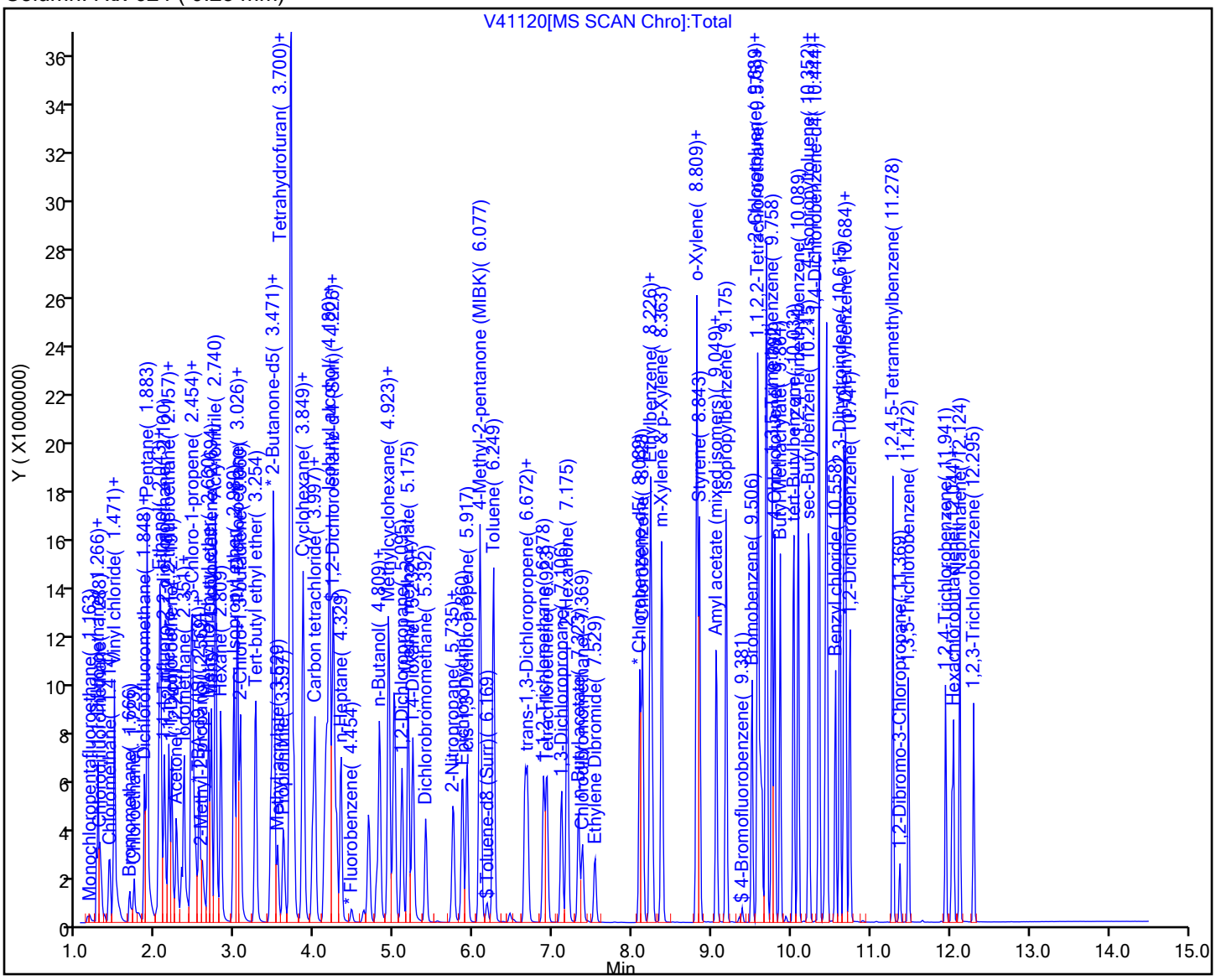
Reagents:

Ethanol mix_00079	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00138	Amount Added:	50.00	Units: uL	
MIX I Hi_00165	Amount Added:	50.00	Units: uL	
GAS Hi_00447	Amount Added:	50.00	Units: uL	
7 Freons Hi_00004	Amount Added:	50.00	Units: uL	
EthyhexAcr_Hi_00001	Amount Added:	50.00	Units: uL	
ACROLEIN W_00157	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 25-Jul-2023 12:13:33 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

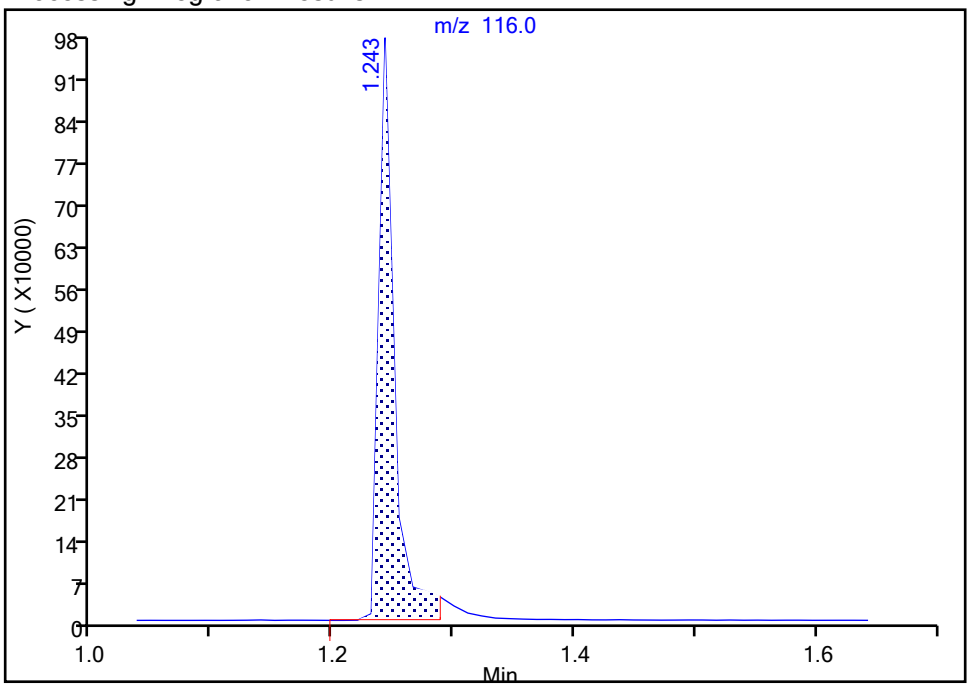
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

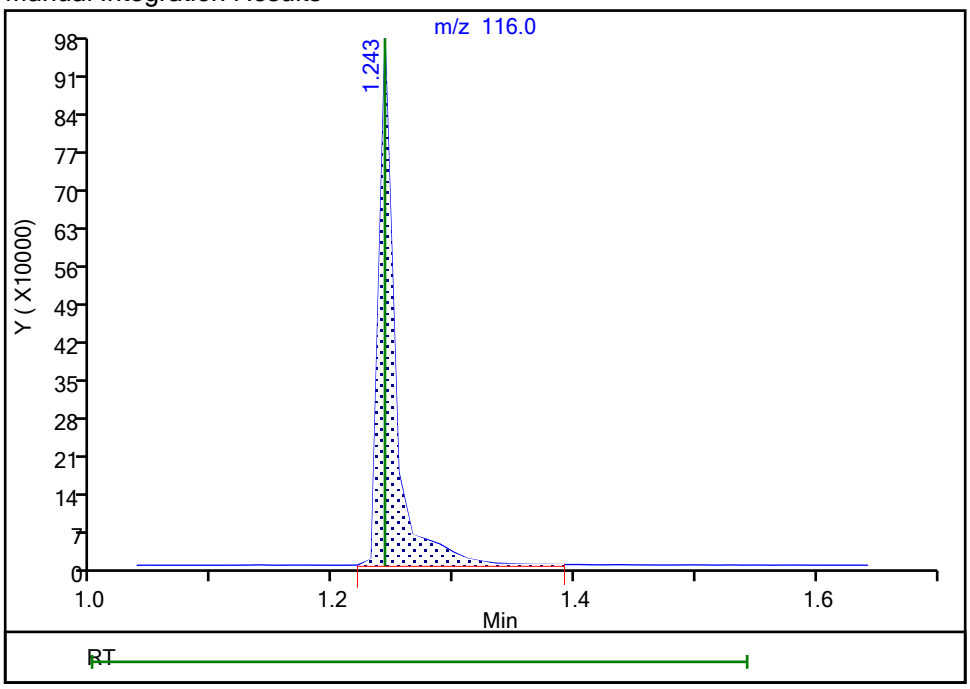
Processing Integration Results

RT: 1.24
Area: 893671
Amount: 499.6471
Amount Units: ug/l



Manual Integration Results

RT: 1.24
Area: 930308
Amount: 499.7010
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:48:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

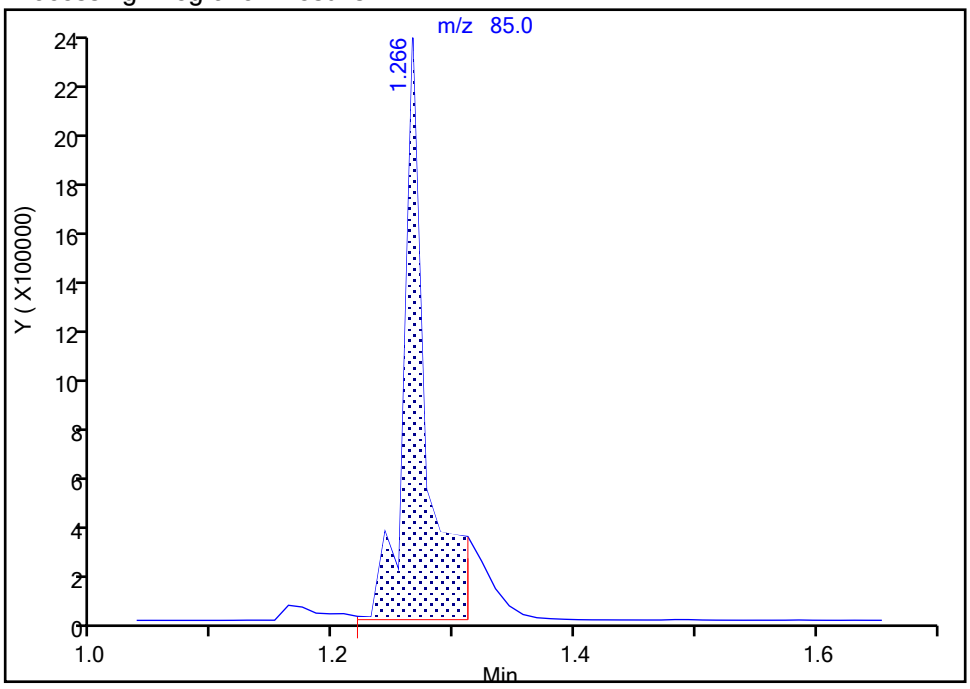
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

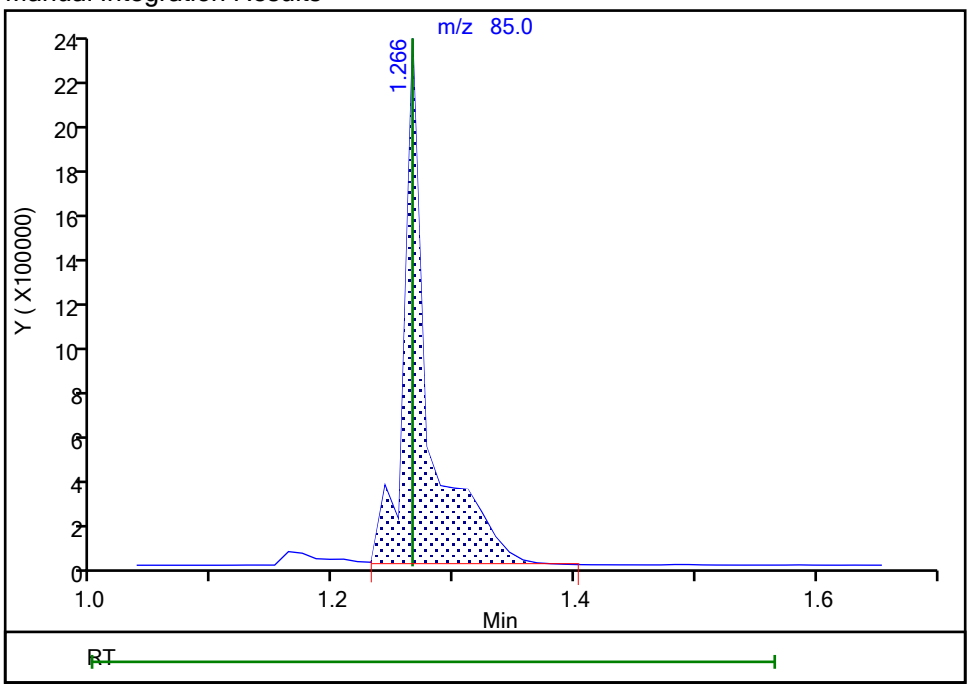
Processing Integration Results

RT: 1.27
Area: 3050411
Amount: 504.6912
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 3335672
Amount: 517.2191
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:47:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

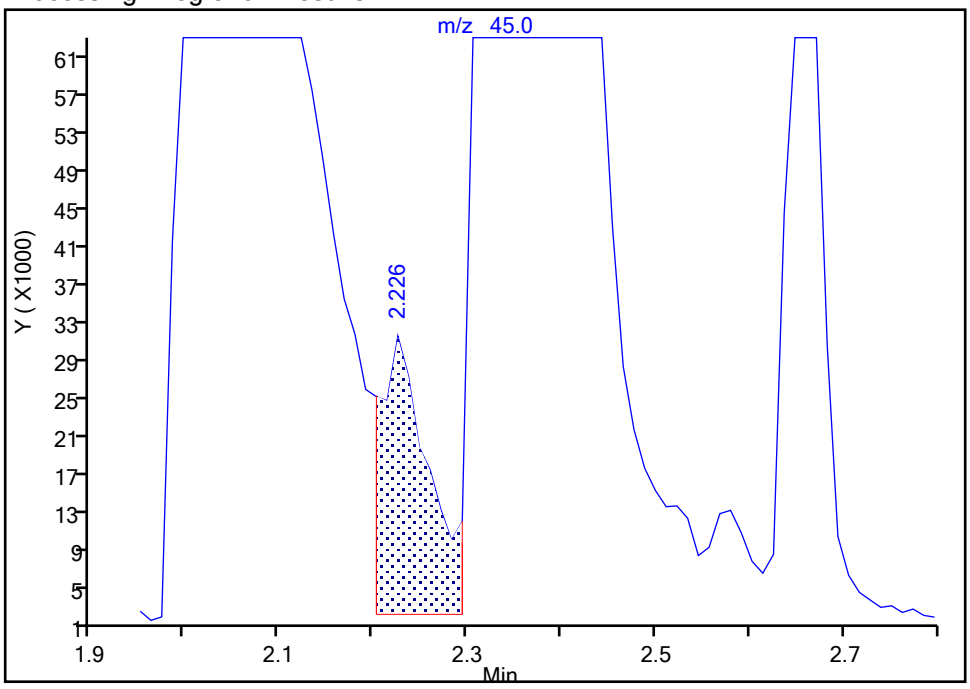
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

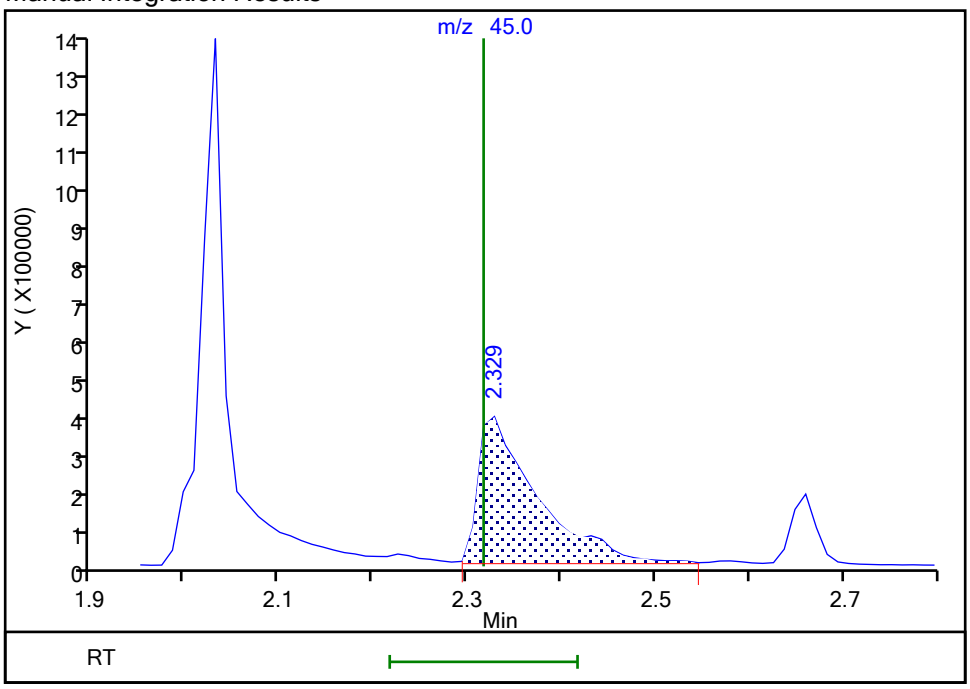
Processing Integration Results

RT: 2.23
Area: 109547
Amount: 355.5650
Amount Units: ug/l



Manual Integration Results

RT: 2.33
Area: 1752331
Amount: 4466.4844
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:48:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

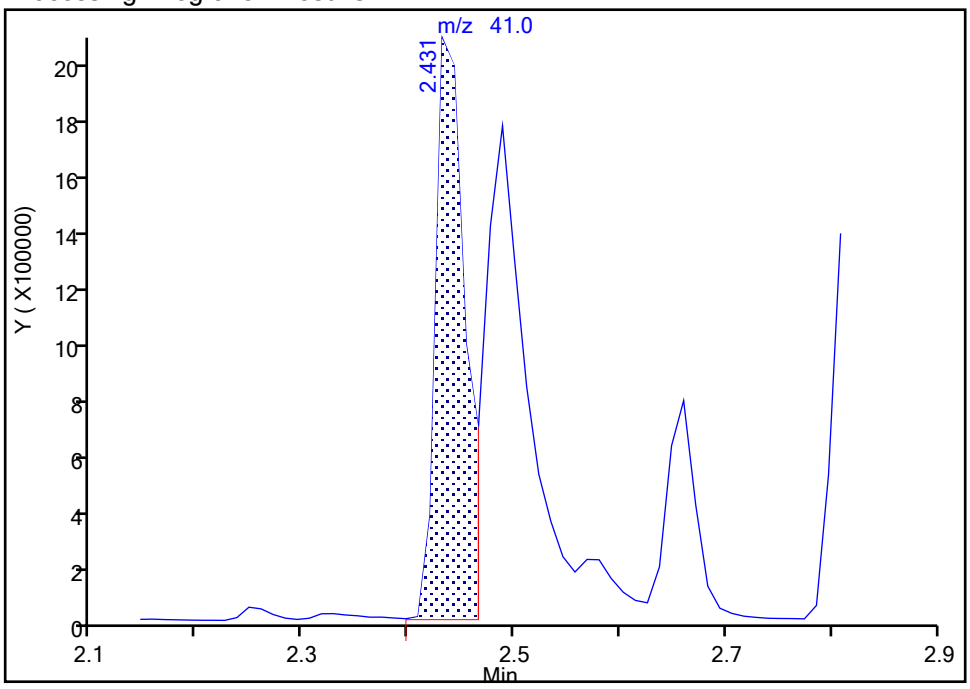
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

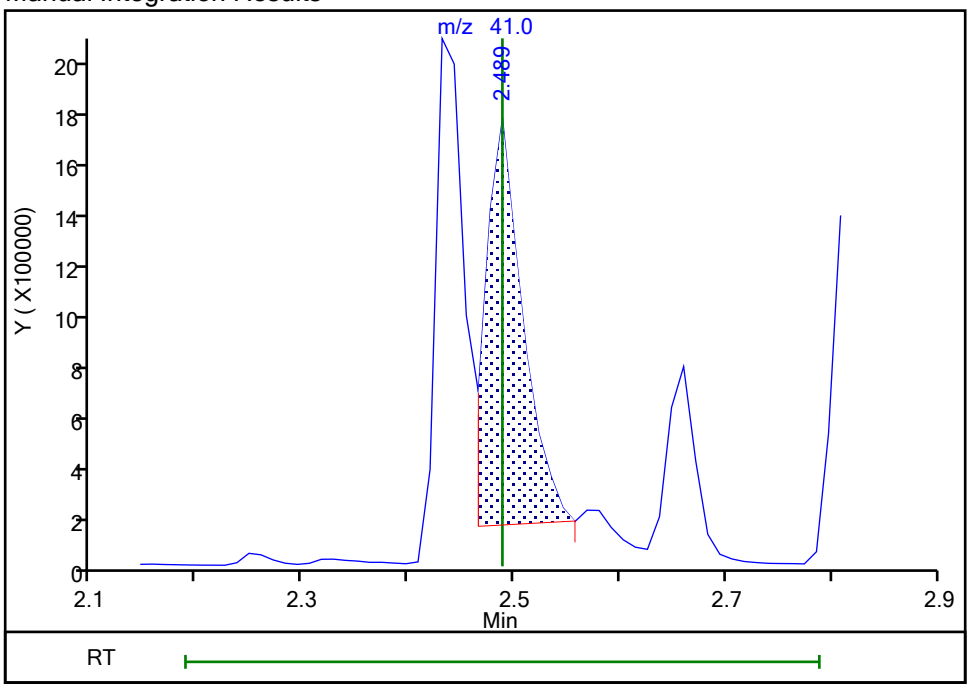
Processing Integration Results

RT: 2.43
Area: 4161932
Amount: 5879.3341
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 3964999
Amount: 5560.0401
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:49:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

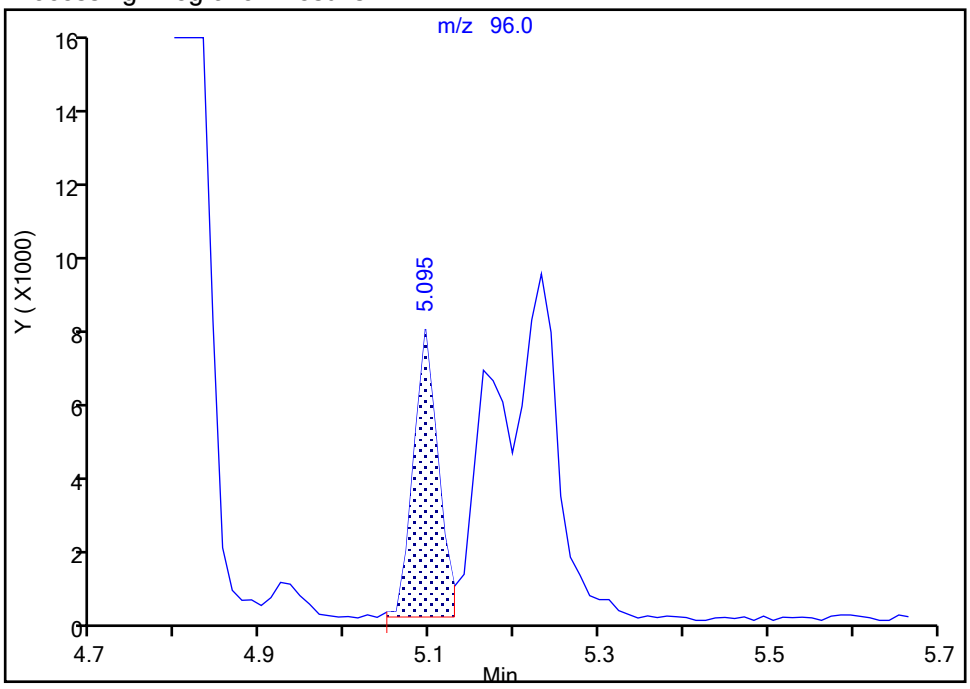
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

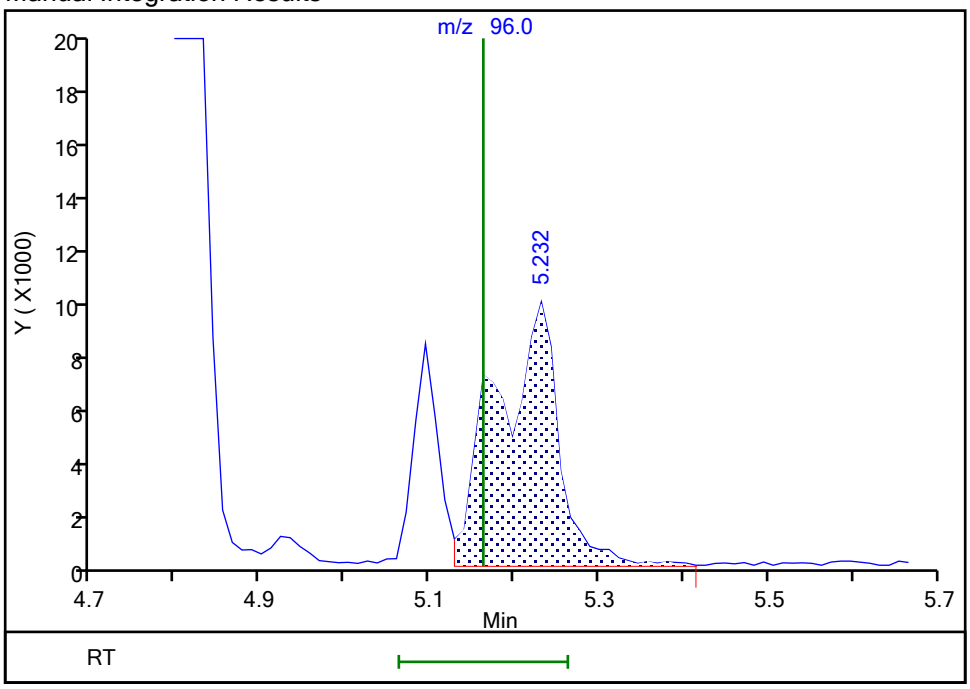
Processing Integration Results

RT: 5.09
Area: 16284
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 48733
Amount: 1000.0000
Amount Units: ug/l



Reviewer: K0HS, 24-Jul-2023 11:27:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

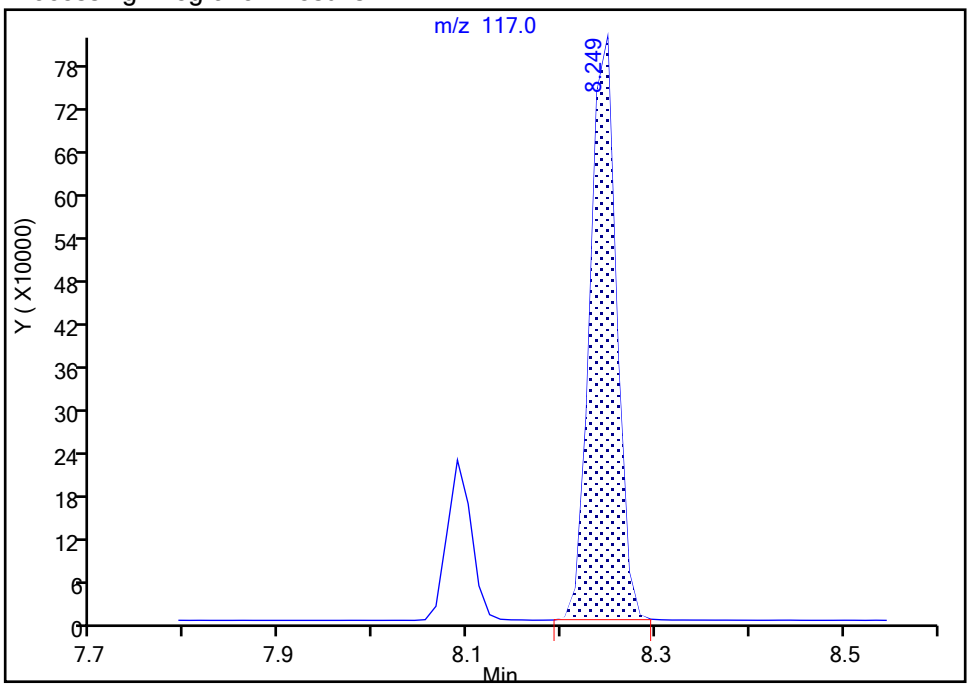
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

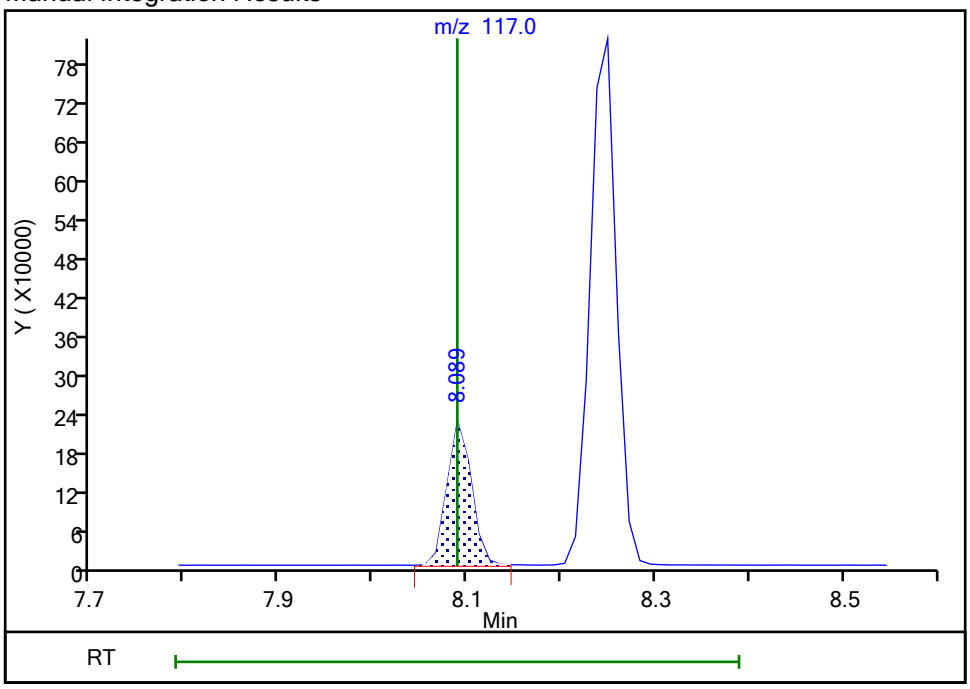
Processing Integration Results

RT: 8.25
Area: 1601882
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 8.09
Area: 404536
Amount: 50.000000
Amount Units: ug/l



Reviewer: HVW2, 23-Jul-2023 18:50:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

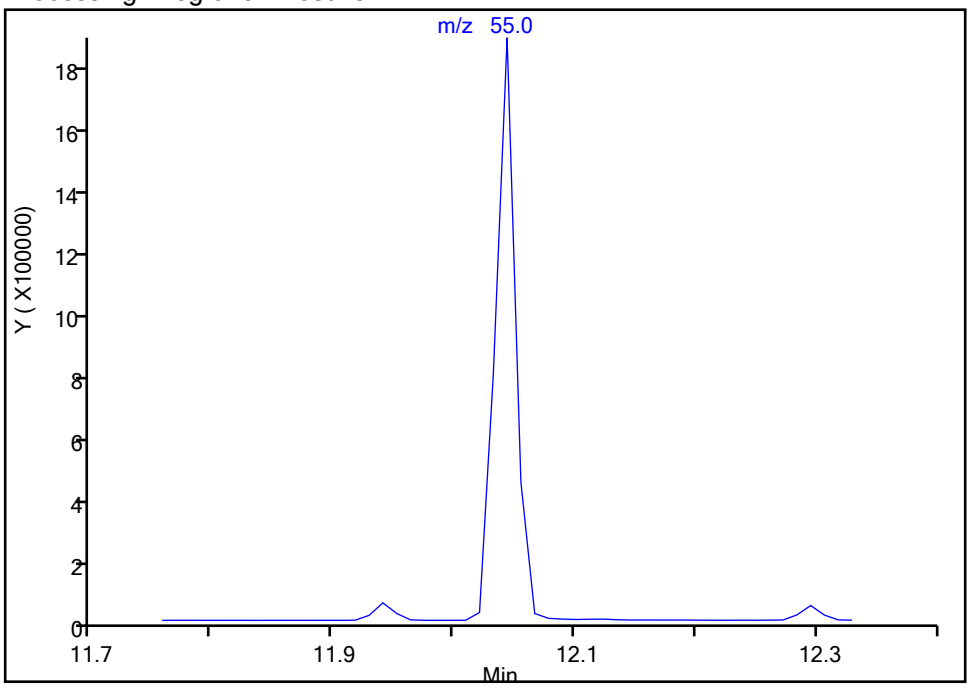
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D
Injection Date: 23-Jul-2023 18:27:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

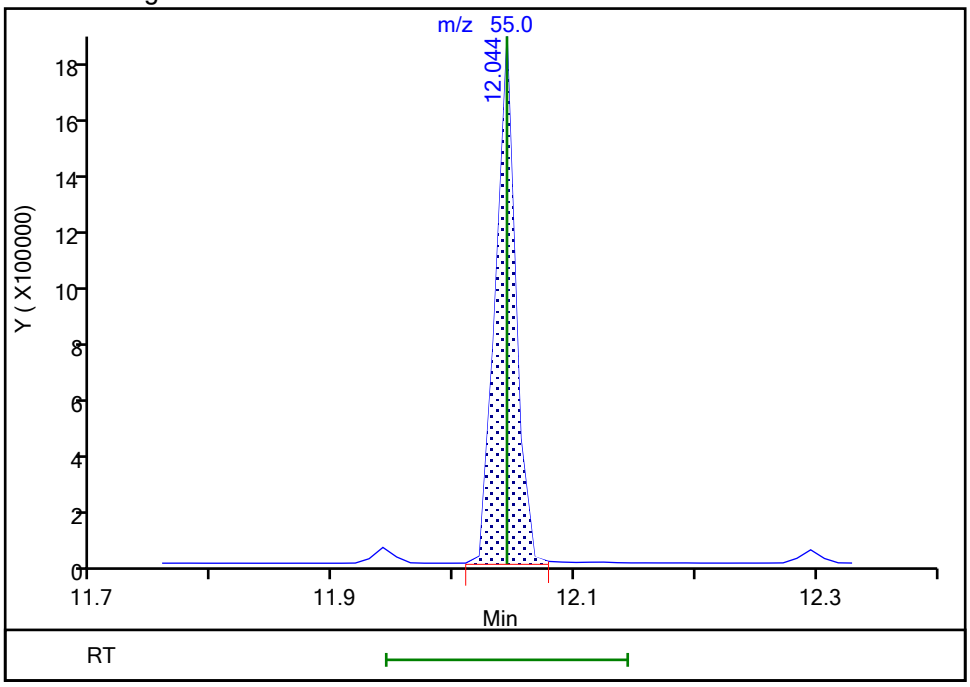
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 2097817
Amount: 499.8151
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 10:41:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

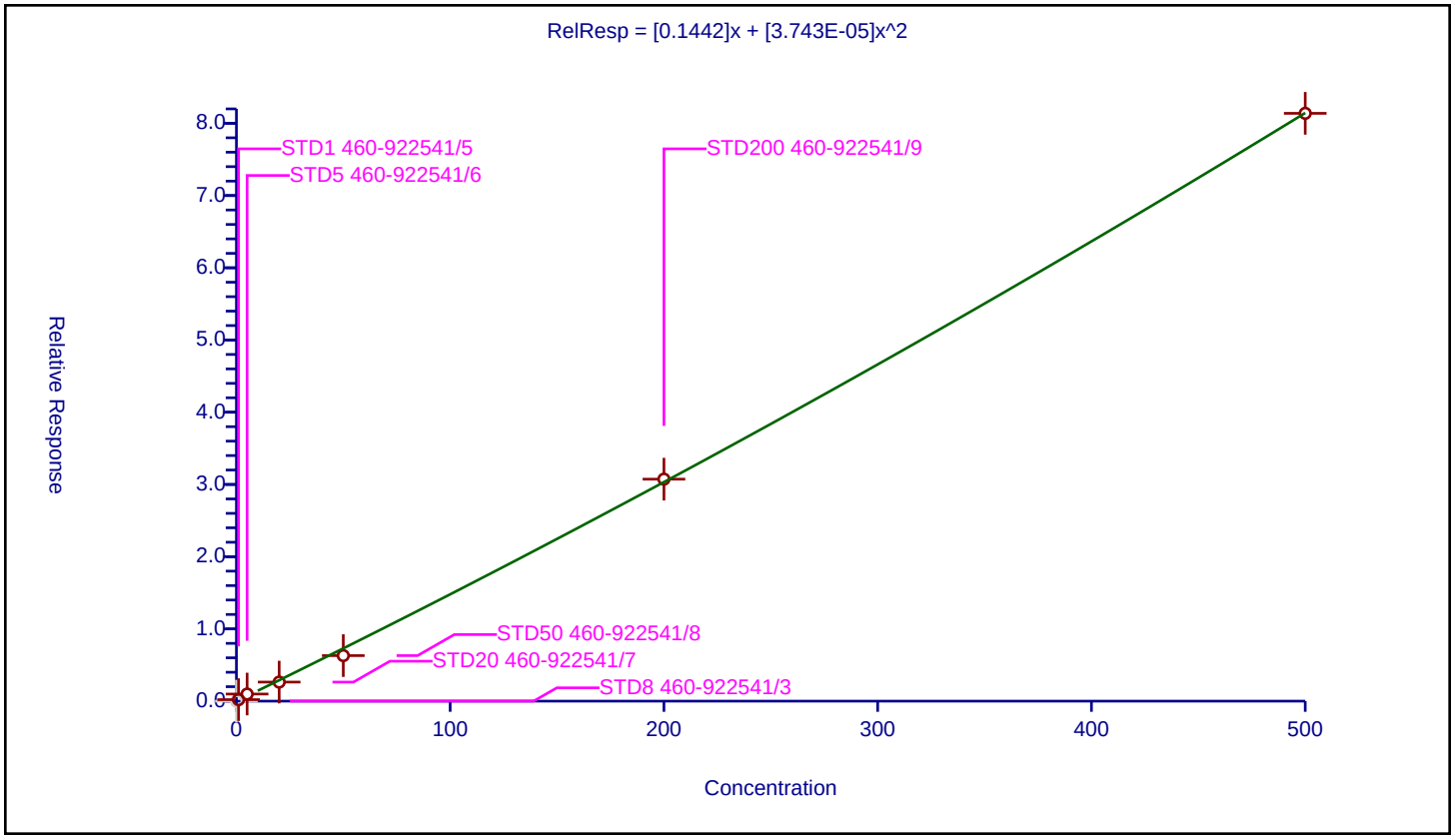
Curve Coefficients

Intercept:	0
Slope:	0.1442
Second Order:	3.743E-05

Error Coefficients

Standard Error:	492000
Relative Standard Error:	29.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.208523	50.0	495629.0	0.208523	Y
3	STD5 460-922541/6	5.0	0.983828	50.0	458261.0	0.196766	Y
4	STD20 460-922541/7	20.0	2.639772	50.0	515518.0	0.131989	Y
5	STD50 460-922541/8	50.0	6.304123	50.0	524966.0	0.126082	Y
6	STD200 460-922541/9	200.0	30.733756	50.0	505672.0	0.153669	Y
7	STD500 460-922541/10	500.0	81.384513	50.0	571551.0	0.162769	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

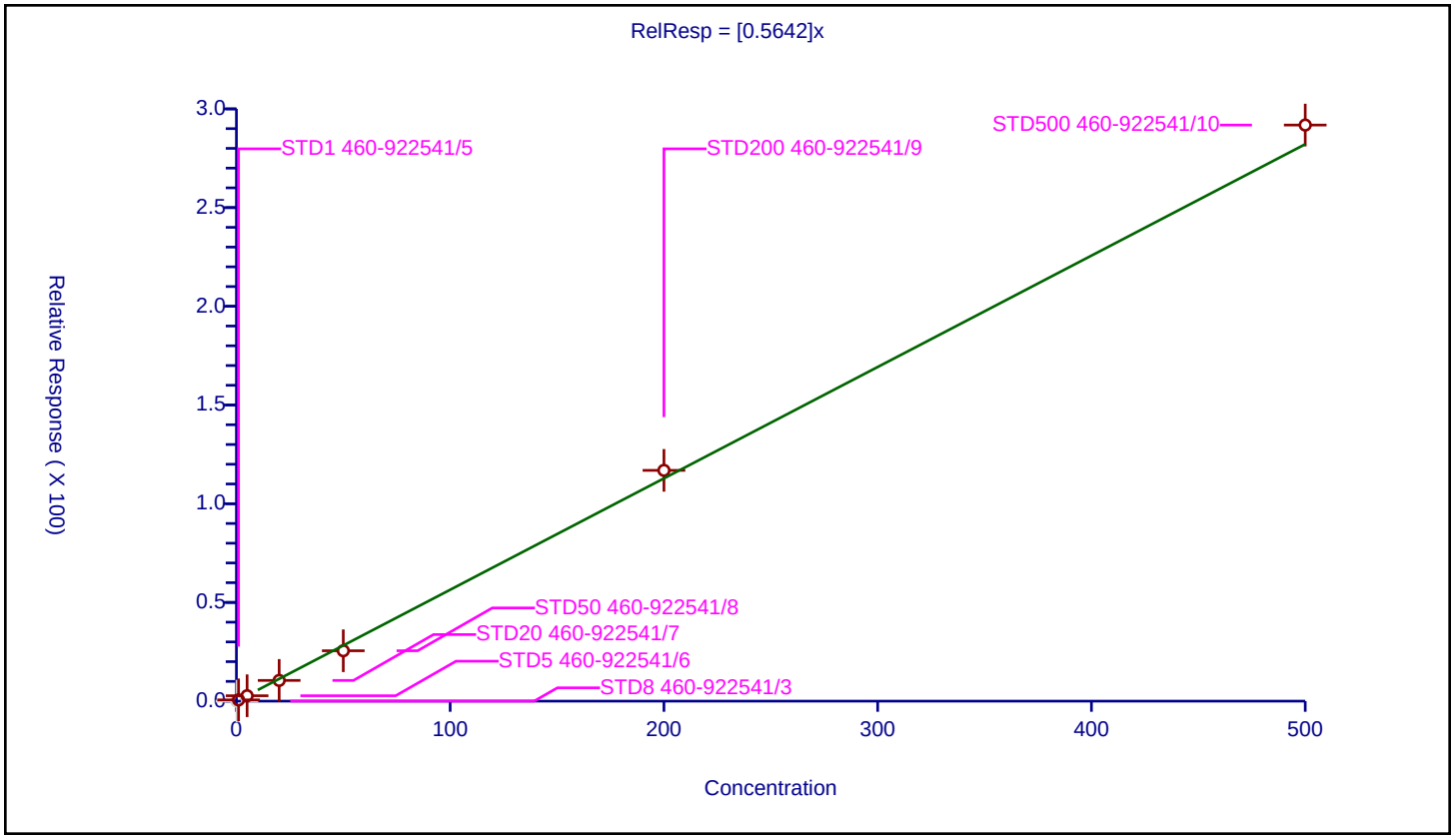
Curve Coefficients

Intercept:	0
Slope:	0.5642

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.63606	50.0	495629.0	0.63606	Y
3	STD5 460-922541/6	5.0	2.731086	50.0	458261.0	0.546217	Y
4	STD20 460-922541/7	20.0	10.485473	50.0	515518.0	0.524274	Y
5	STD50 460-922541/8	50.0	25.522415	50.0	524966.0	0.510448	Y
6	STD200 460-922541/9	200.0	116.902063	50.0	505672.0	0.58451	Y
7	STD500 460-922541/10	500.0	291.80878	50.0	571551.0	0.583618	Y



Calibration / Chlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

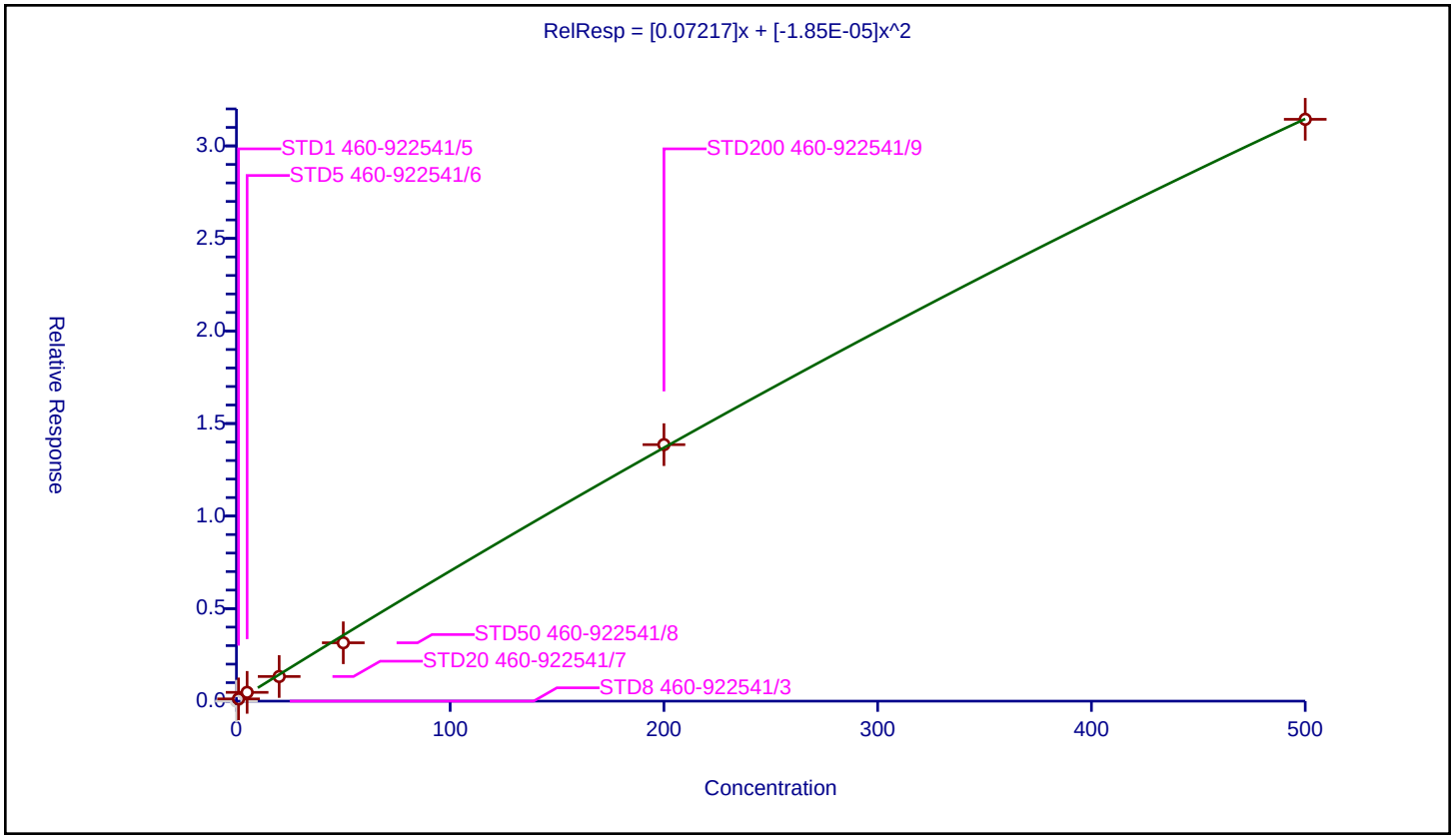
Curve Coefficients

Intercept:	0
Slope:	0.07217
Second Order:	-1.85E-05

Error Coefficients

Standard Error:	194000
Relative Standard Error:	38.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.12126	50.0	495629.0	0.12126	Y
3	STD5 460-922541/6	5.0	0.473638	50.0	458261.0	0.094728	Y
4	STD20 460-922541/7	20.0	1.330312	50.0	515518.0	0.066516	Y
5	STD50 460-922541/8	50.0	3.153538	50.0	524966.0	0.063071	Y
6	STD200 460-922541/9	200.0	13.858984	50.0	505672.0	0.069295	Y
7	STD500 460-922541/10	500.0	31.43709	50.0	571551.0	0.062874	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

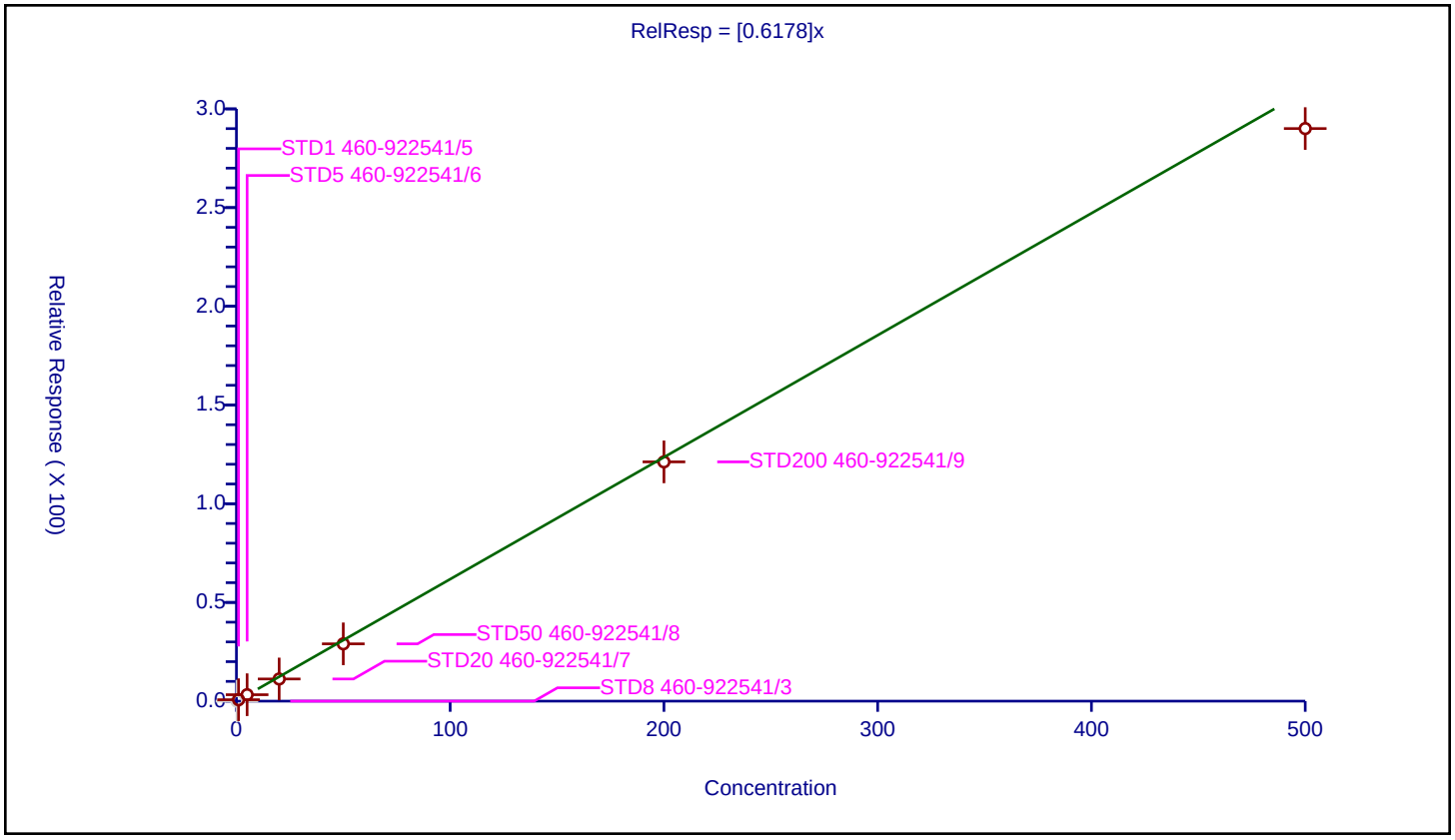
Curve Coefficients

Intercept:	0
Slope:	0.6178

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.727359	50.0	495629.0	0.727359	Y
3	STD5 460-922541/6	5.0	3.257641	50.0	458261.0	0.651528	Y
4	STD20 460-922541/7	20.0	11.23181	50.0	515518.0	0.56159	Y
5	STD50 460-922541/8	50.0	29.021403	50.0	524966.0	0.580428	Y
6	STD200 460-922541/9	200.0	121.198128	50.0	505672.0	0.605991	Y
7	STD500 460-922541/10	500.0	290.033523	50.0	571551.0	0.580067	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

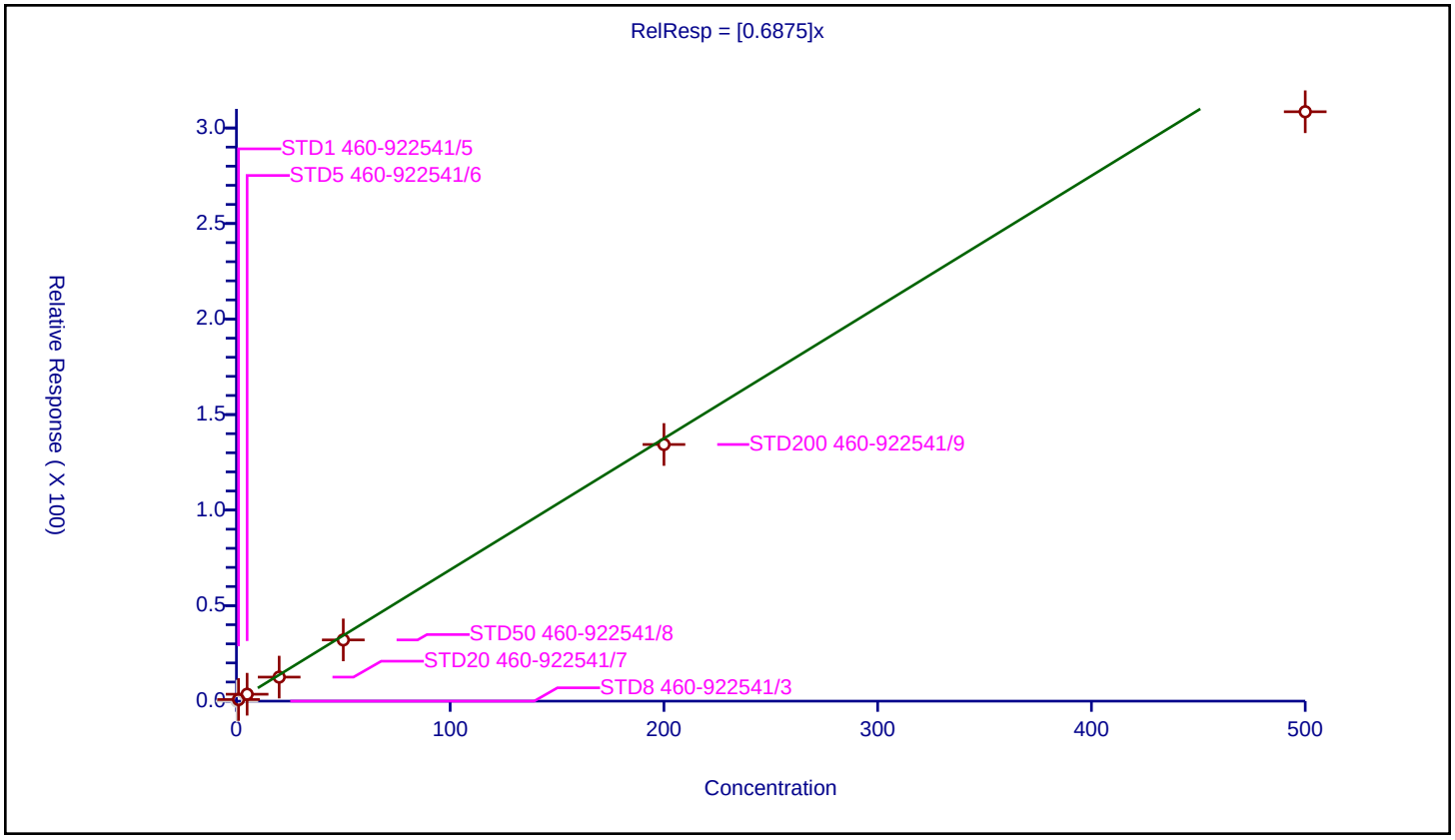
Curve Coefficients

Intercept:	0
Slope:	0.6875

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	12.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.841254	50.0	495629.0	0.841254	Y
3	STD5 460-922541/6	5.0	3.624136	50.0	458261.0	0.724827	Y
4	STD20 460-922541/7	20.0	12.585012	50.0	515518.0	0.629251	Y
5	STD50 460-922541/8	50.0	32.039694	50.0	524966.0	0.640794	Y
6	STD200 460-922541/9	200.0	134.345287	50.0	505672.0	0.671726	Y
7	STD500 460-922541/10	500.0	308.514026	50.0	571551.0	0.617028	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

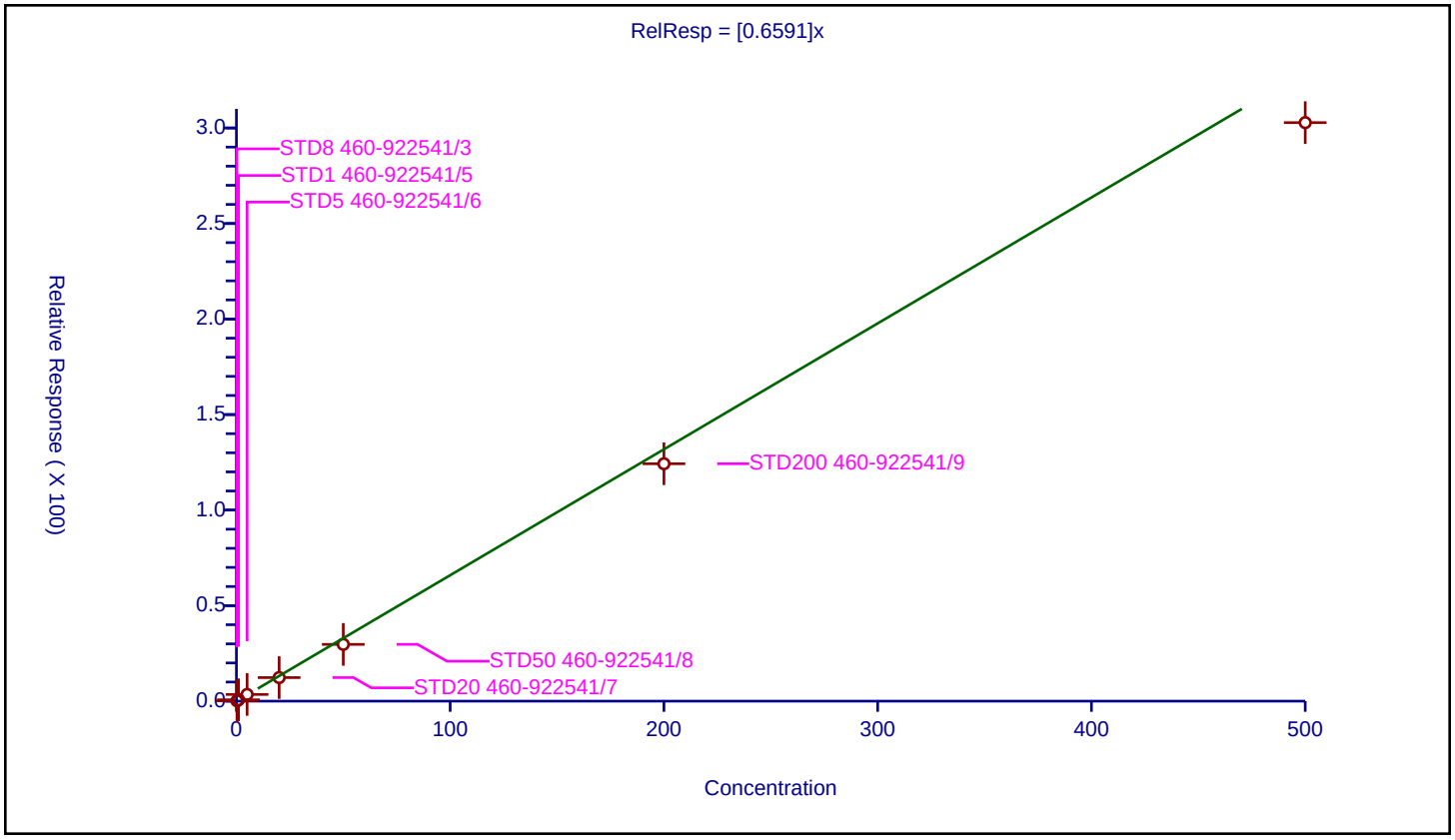
Curve Coefficients

Intercept:	0
Slope:	0.6591

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.192238	50.0	461928.0	0.768951	Y
2	STD1 460-922541/5	1.0	0.706375	50.0	495629.0	0.706375	Y
3	STD5 460-922541/6	5.0	3.500189	50.0	458261.0	0.700038	Y
4	STD20 460-922541/7	20.0	12.33633	50.0	515518.0	0.616816	Y
5	STD50 460-922541/8	50.0	29.720877	50.0	524966.0	0.594418	Y
6	STD200 460-922541/9	200.0	124.26741	50.0	505672.0	0.621337	Y
7	STD500 460-922541/10	500.0	302.805174	50.0	571551.0	0.60561	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

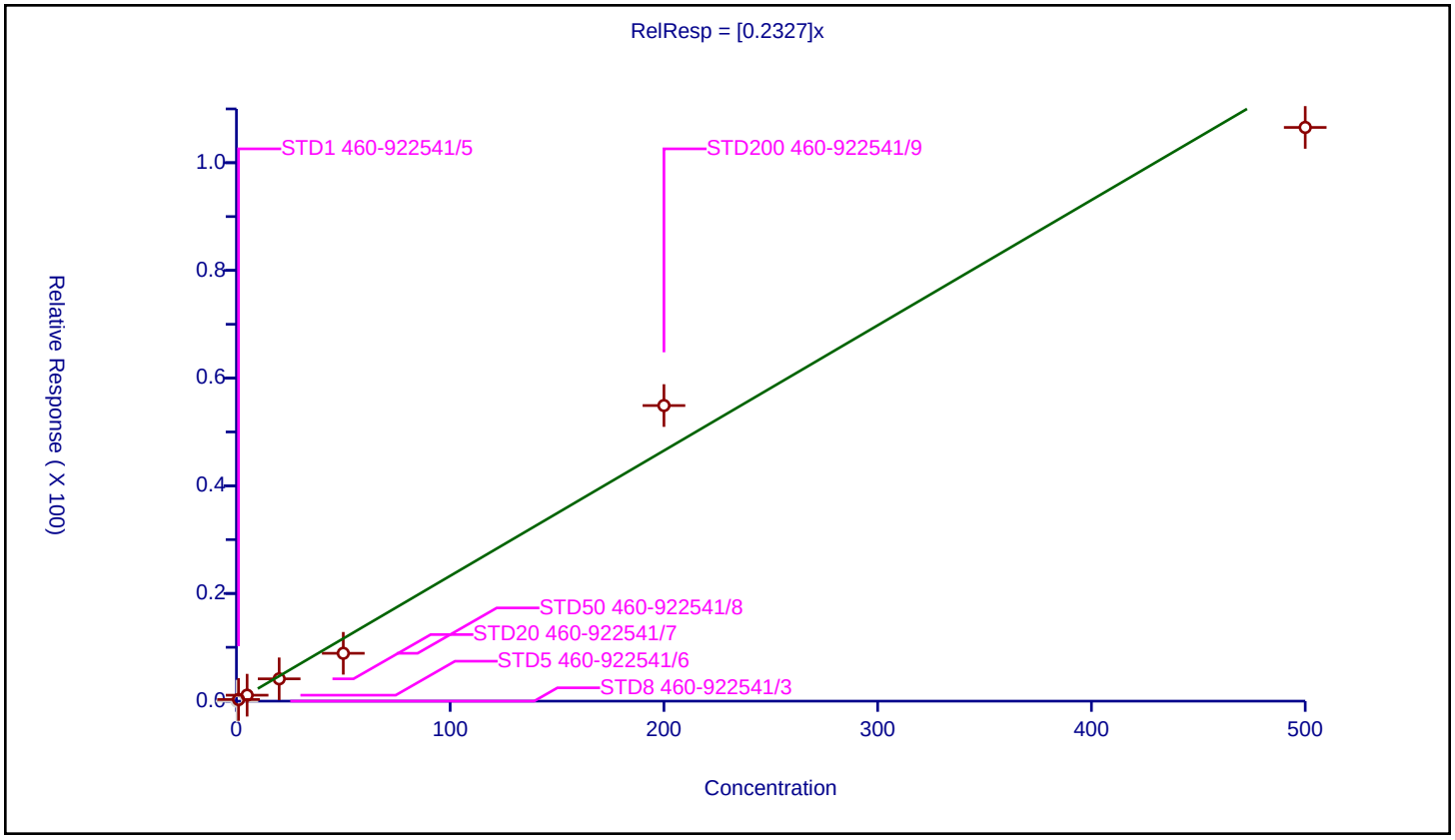
Curve Coefficients

Intercept:	0
Slope:	0.2327

Error Coefficients

Standard Error:	600000
Relative Standard Error:	19.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.30204	50.0	495629.0	0.30204	Y
3	STD5 460-922541/6	5.0	1.107884	50.0	458261.0	0.221577	Y
4	STD20 460-922541/7	20.0	4.141175	50.0	515518.0	0.207059	Y
5	STD50 460-922541/8	50.0	8.884575	50.0	524966.0	0.177692	Y
6	STD200 460-922541/9	200.0	54.901003	50.0	505672.0	0.274505	Y
7	STD500 460-922541/10	500.0	106.559257	50.0	571551.0	0.213119	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

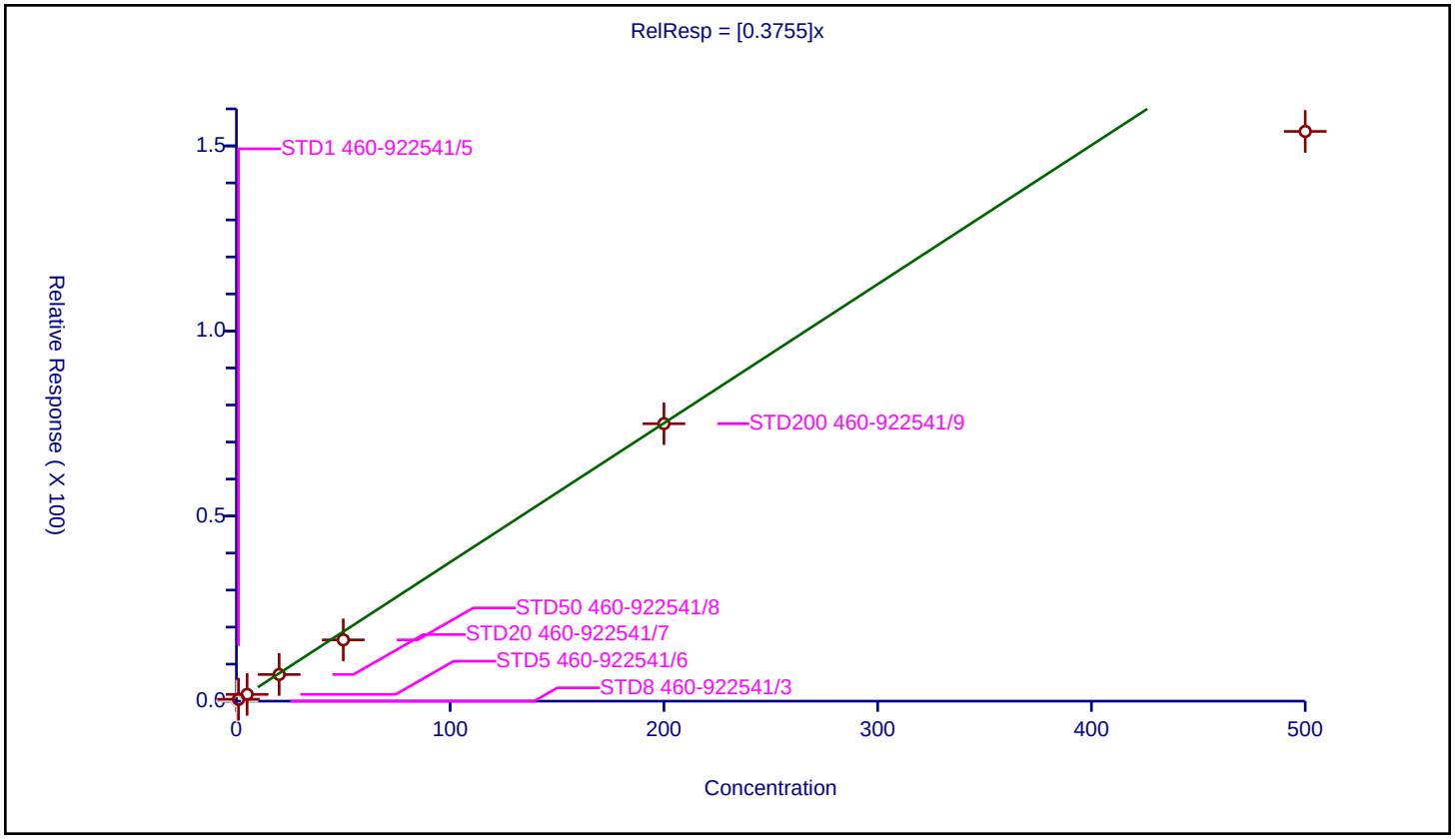
Curve Coefficients

Intercept:	0
Slope:	0.3755

Error Coefficients

Standard Error:	861000
Relative Standard Error:	19.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.513691	50.0	495629.0	0.513691	Y
3	STD5 460-922541/6	5.0	1.826688	50.0	458261.0	0.365338	Y
4	STD20 460-922541/7	20.0	7.201397	50.0	515518.0	0.36007	Y
5	STD50 460-922541/8	50.0	16.55631	50.0	524966.0	0.331126	Y
6	STD200 460-922541/9	200.0	74.95412	50.0	505672.0	0.374771	Y
7	STD500 460-922541/10	500.0	153.911112	50.0	571551.0	0.307822	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

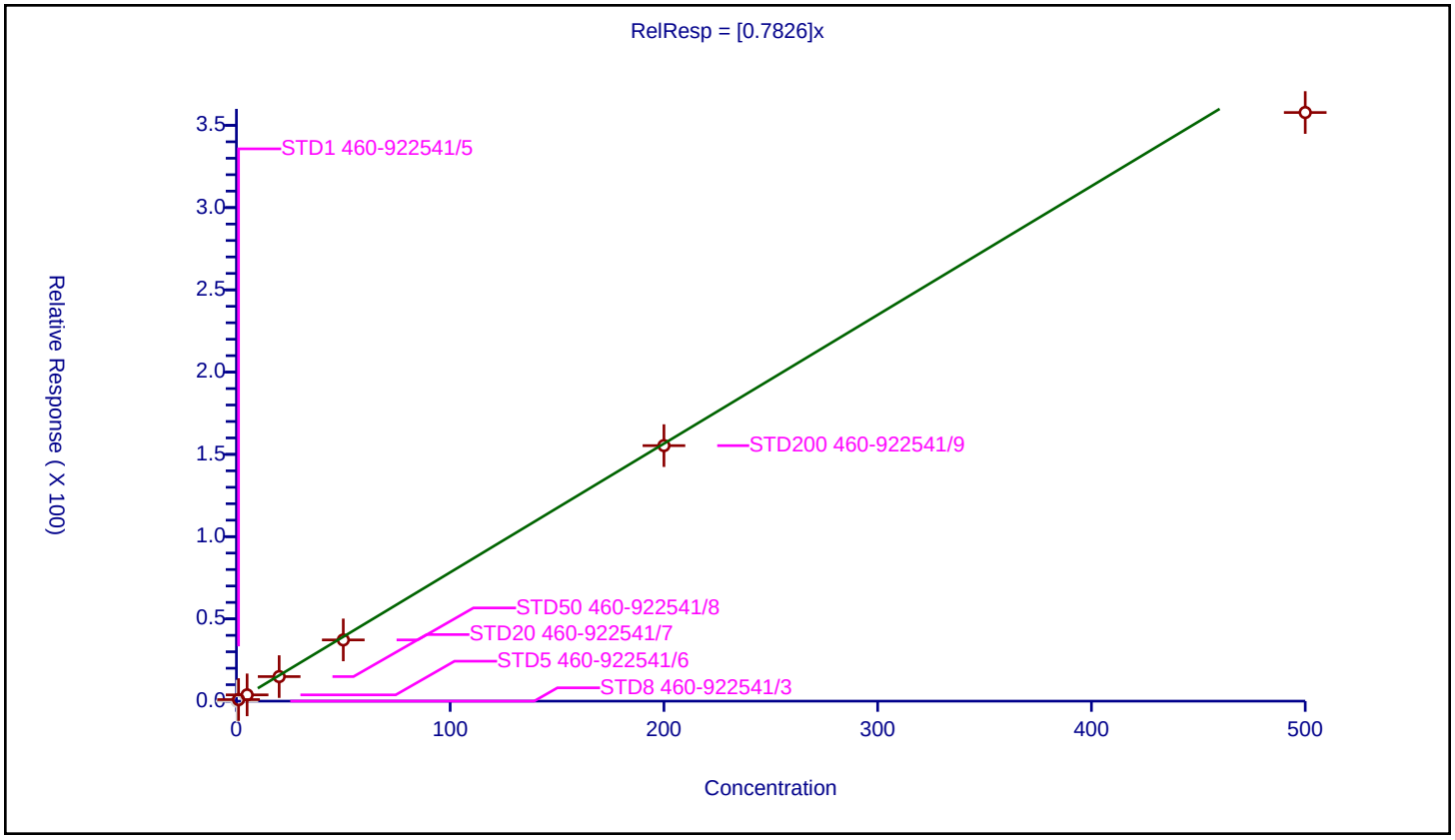
Curve Coefficients

Intercept:	0
Slope:	0.7826

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.95172	50.0	495629.0	0.95172	Y
3	STD5 460-922541/6	5.0	3.809401	50.0	458261.0	0.76188	Y
4	STD20 460-922541/7	20.0	14.91655	50.0	515518.0	0.745827	Y
5	STD50 460-922541/8	50.0	37.210505	50.0	524966.0	0.74421	Y
6	STD200 460-922541/9	200.0	155.317973	50.0	505672.0	0.77659	Y
7	STD500 460-922541/10	500.0	357.802453	50.0	571551.0	0.715605	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

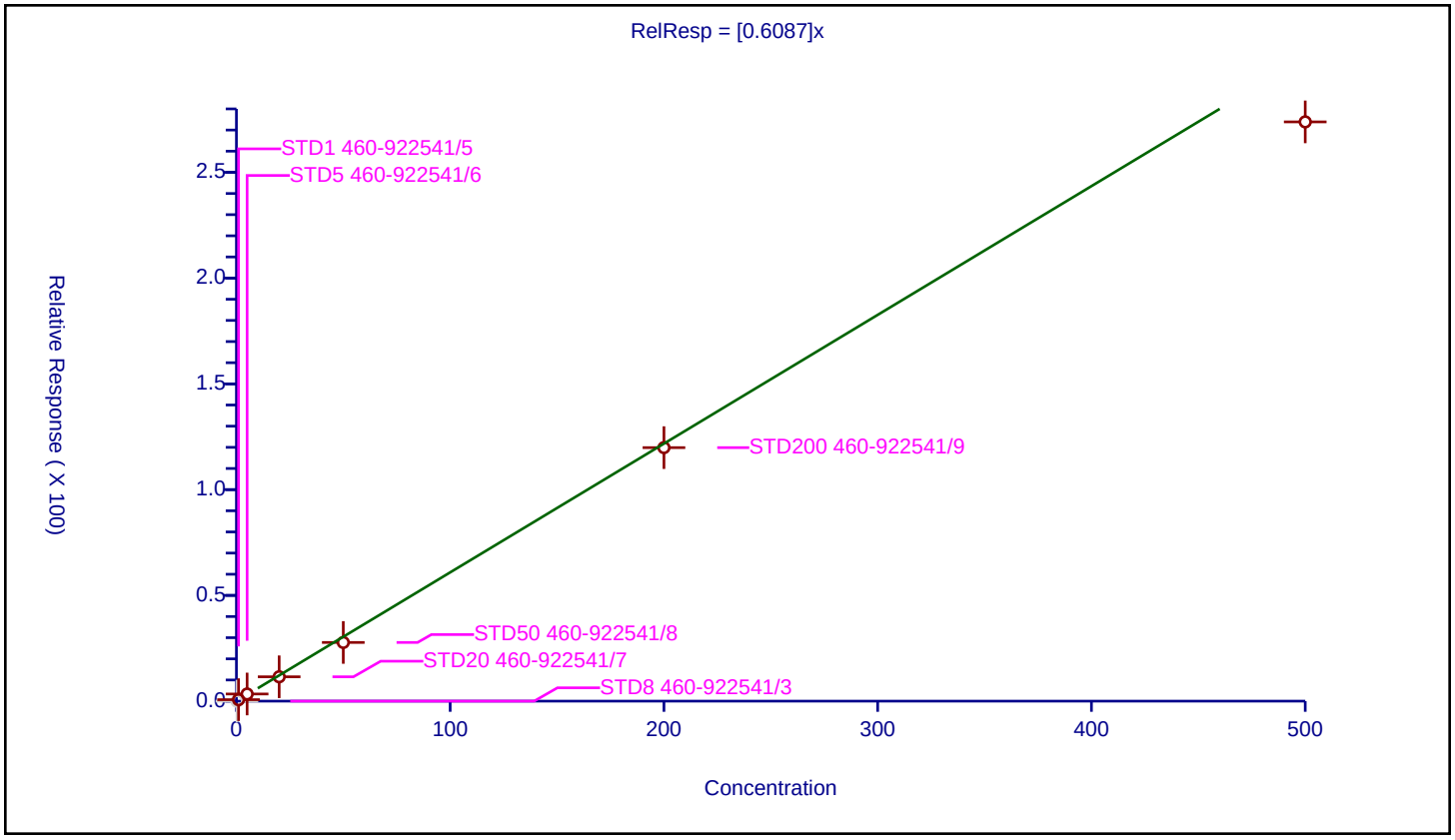
Curve Coefficients

Intercept:	0
Slope:	0.6087

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.25	0.0	50.0	461928.0	0.0	N
2	STD1 460-922541/5	1.0	0.699515	50.0	495629.0	0.699515	Y
3	STD5 460-922541/6	5.0	3.377006	50.0	458261.0	0.675401	Y
4	STD20 460-922541/7	20.0	11.5092	50.0	515518.0	0.57546	Y
5	STD50 460-922541/8	50.0	27.741797	50.0	524966.0	0.554836	Y
6	STD200 460-922541/9	200.0	119.856547	50.0	505672.0	0.599283	Y
7	STD500 460-922541/10	500.0	273.857014	50.0	571551.0	0.547714	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

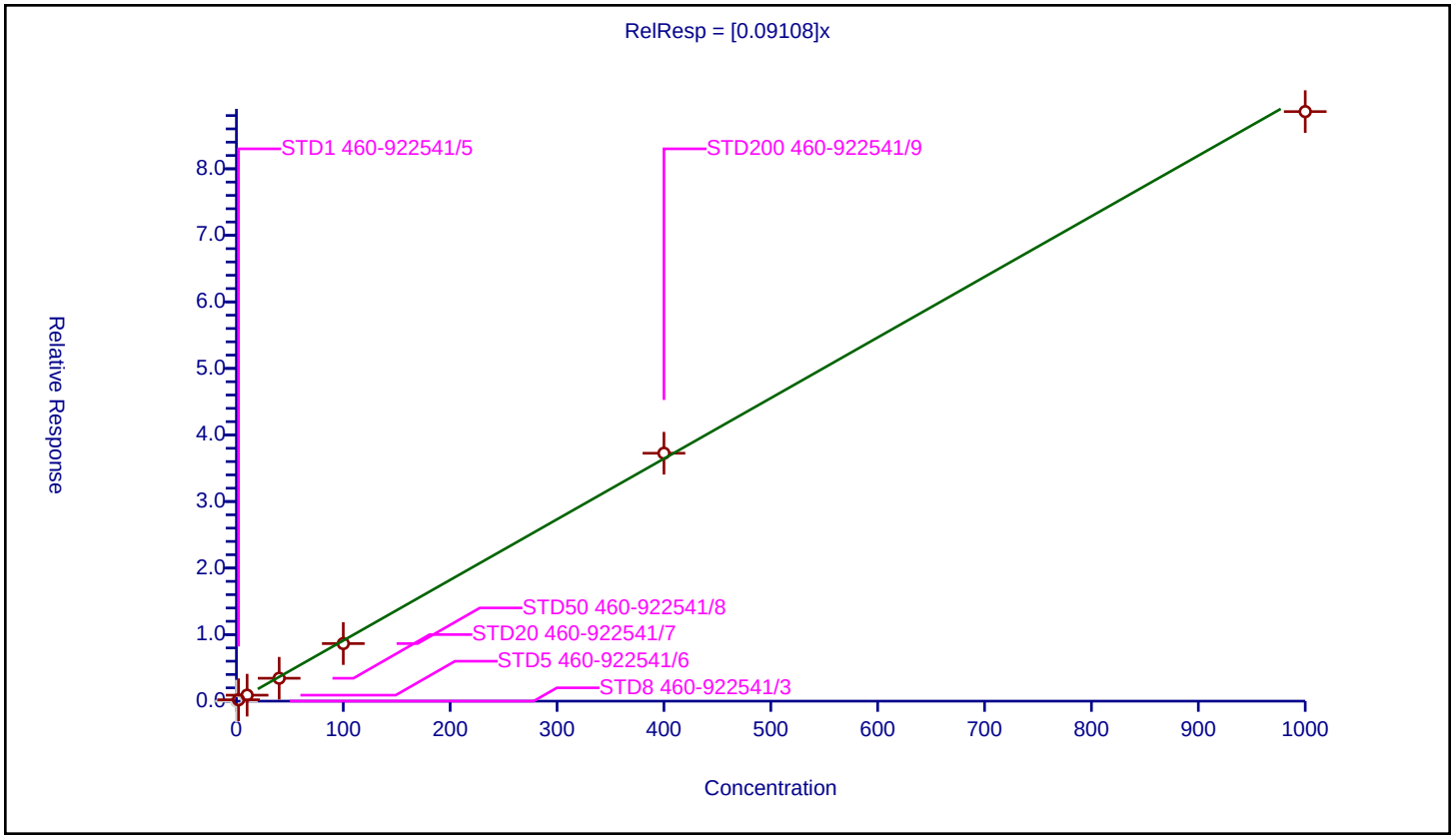
Curve Coefficients

Intercept:	0
Slope:	0.09108

Error Coefficients

Standard Error:	485000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	2.0	0.204891	50.0	495629.0	0.102446	Y
3	STD5 460-922541/6	10.0	0.897742	50.0	458261.0	0.089774	Y
4	STD20 460-922541/7	40.0	3.441878	50.0	515518.0	0.086047	Y
5	STD50 460-922541/8	100.0	8.650655	50.0	524966.0	0.086507	Y
6	STD200 460-922541/9	400.0	37.255771	50.0	505672.0	0.093139	Y
7	STD500 460-922541/10	1000.0	88.592357	50.0	571551.0	0.088592	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

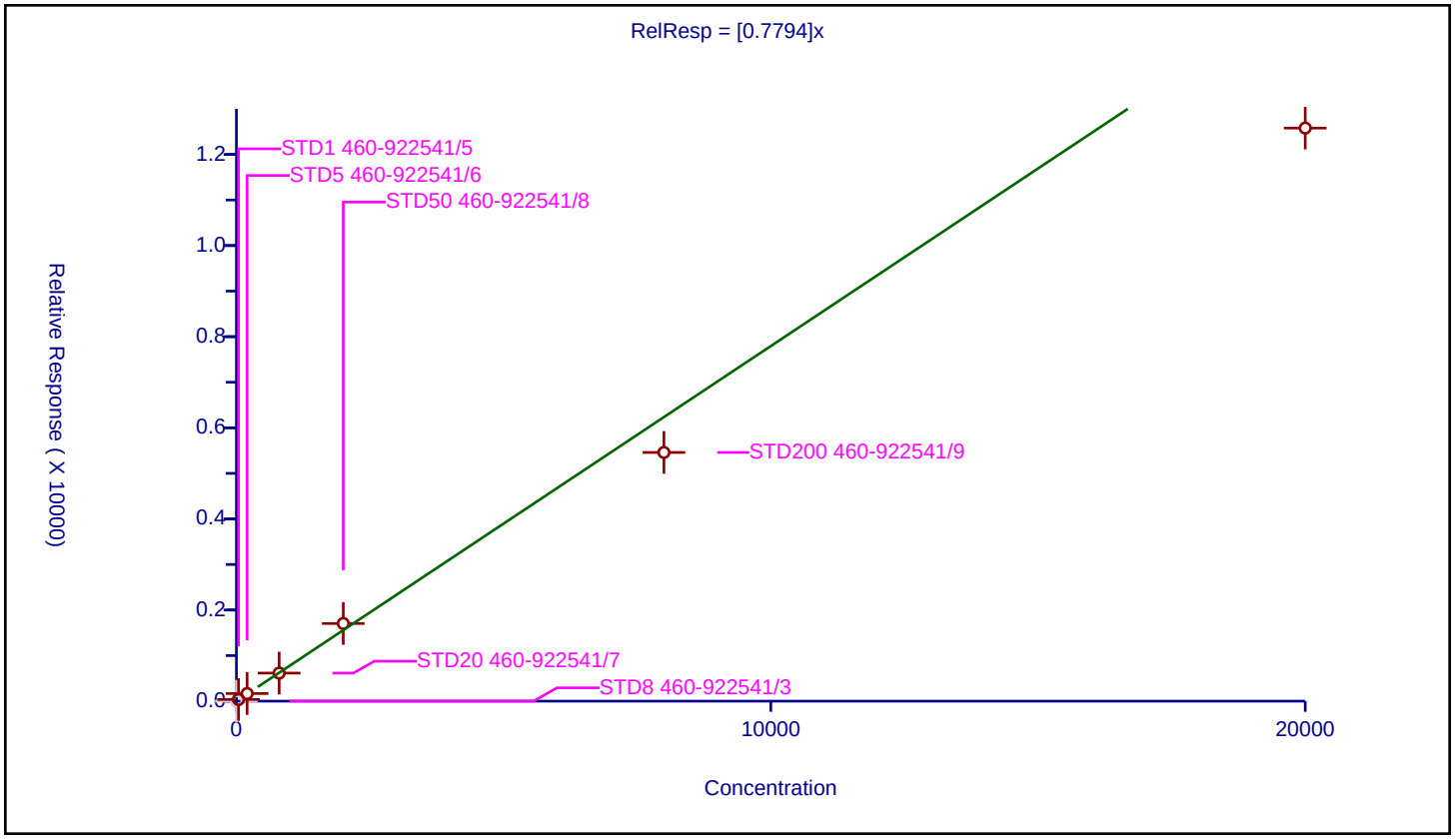
Curve Coefficients

Intercept:	0
Slope:	0.7794

Error Coefficients

Standard Error:	284000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	1000.0	25592.0	NaN	N
2	STD1 460-922541/5	40.0	36.380469	1000.0	29164.0	0.909512	Y
3	STD5 460-922541/6	200.0	166.722068	1000.0	27075.0	0.83361	Y
4	STD20 460-922541/7	800.0	615.807581	1000.0	32554.0	0.769759	Y
5	STD50 460-922541/8	2000.0	1704.44611	1000.0	32028.0	0.852223	Y
6	STD200 460-922541/9	8000.0	5458.883322	1000.0	41516.0	0.68236	Y
7	STD500 460-922541/10	20000.0	12578.495824	1000.0	48372.0	0.628925	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

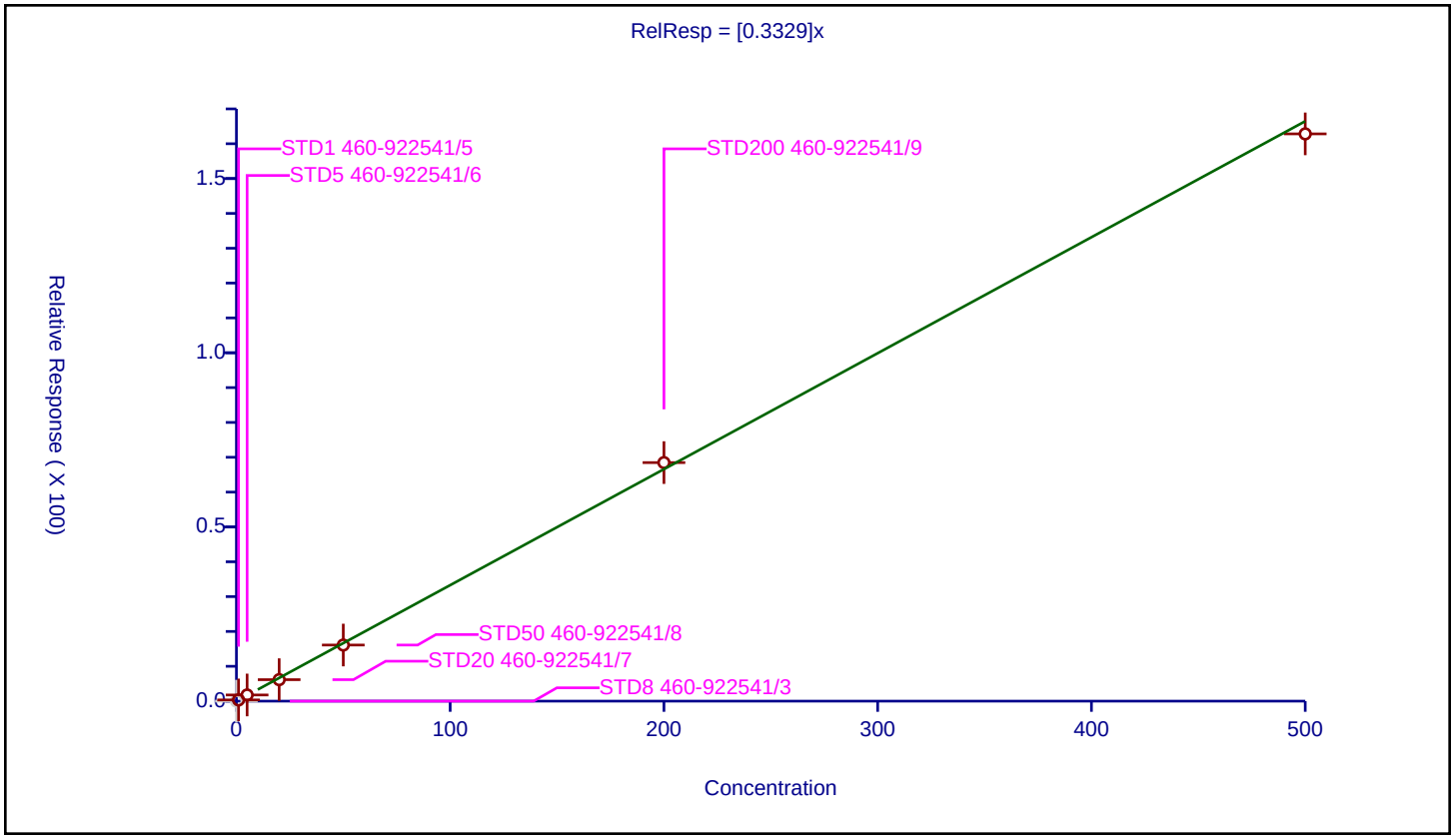
Curve Coefficients

Intercept:	0
Slope:	0.3329

Error Coefficients

Standard Error:	892000
Relative Standard Error:	5.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.344411	50.0	495629.0	0.344411	Y
3	STD5 460-922541/6	5.0	1.773007	50.0	458261.0	0.354601	Y
4	STD20 460-922541/7	20.0	6.167874	50.0	515518.0	0.308394	Y
5	STD50 460-922541/8	50.0	16.101233	50.0	524966.0	0.322025	Y
6	STD200 460-922541/9	200.0	68.473042	50.0	505672.0	0.342365	Y
7	STD500 460-922541/10	500.0	162.828689	50.0	571551.0	0.325657	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

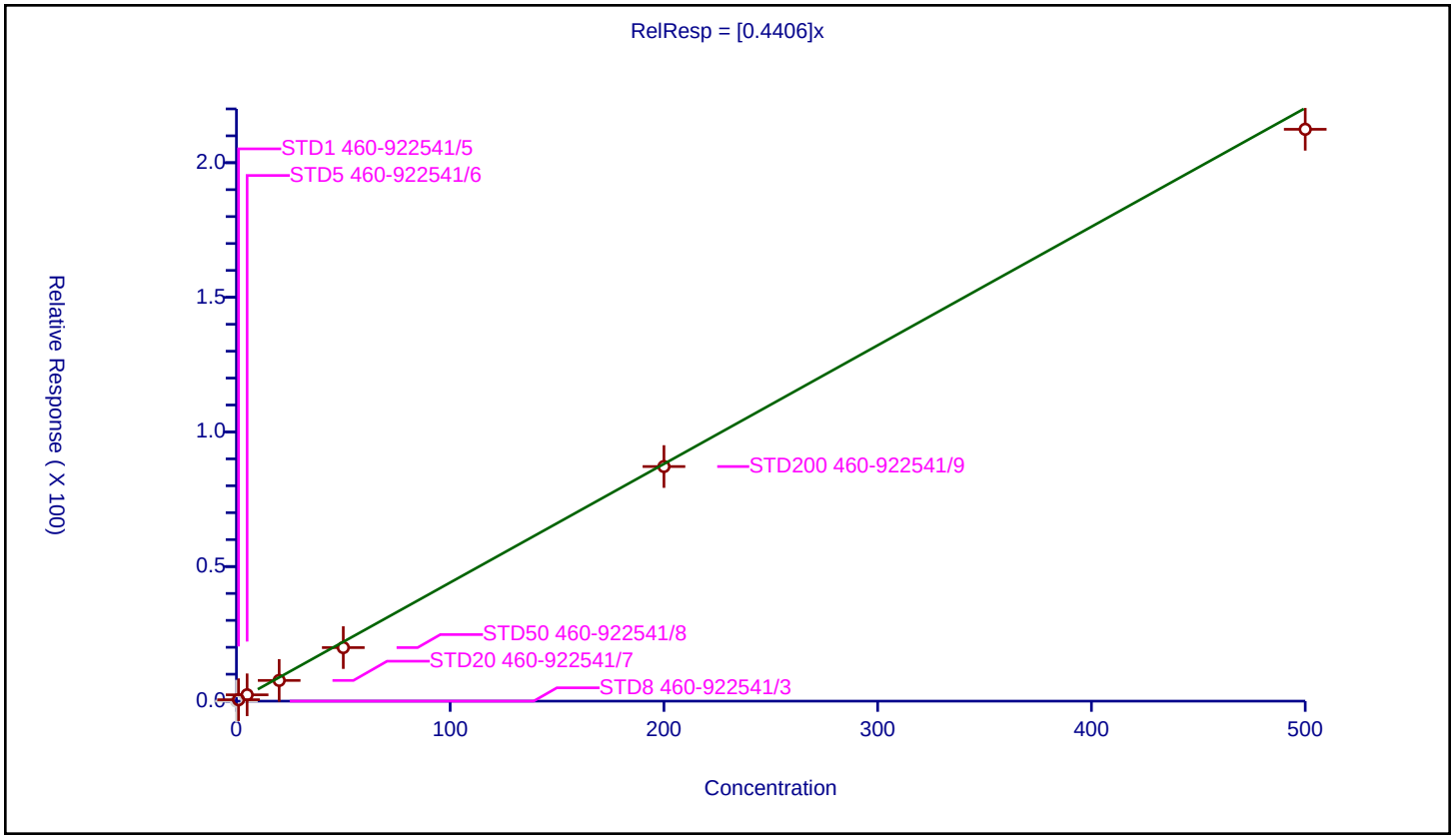
Curve Coefficients

Intercept:	0
Slope:	0.4406

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.530538	50.0	495629.0	0.530538	Y
3	STD5 460-922541/6	5.0	2.350189	50.0	458261.0	0.470038	Y
4	STD20 460-922541/7	20.0	7.690905	50.0	515518.0	0.384545	Y
5	STD50 460-922541/8	50.0	19.891383	50.0	524966.0	0.397828	Y
6	STD200 460-922541/9	200.0	87.143643	50.0	505672.0	0.435718	Y
7	STD500 460-922541/10	500.0	212.418139	50.0	571551.0	0.424836	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

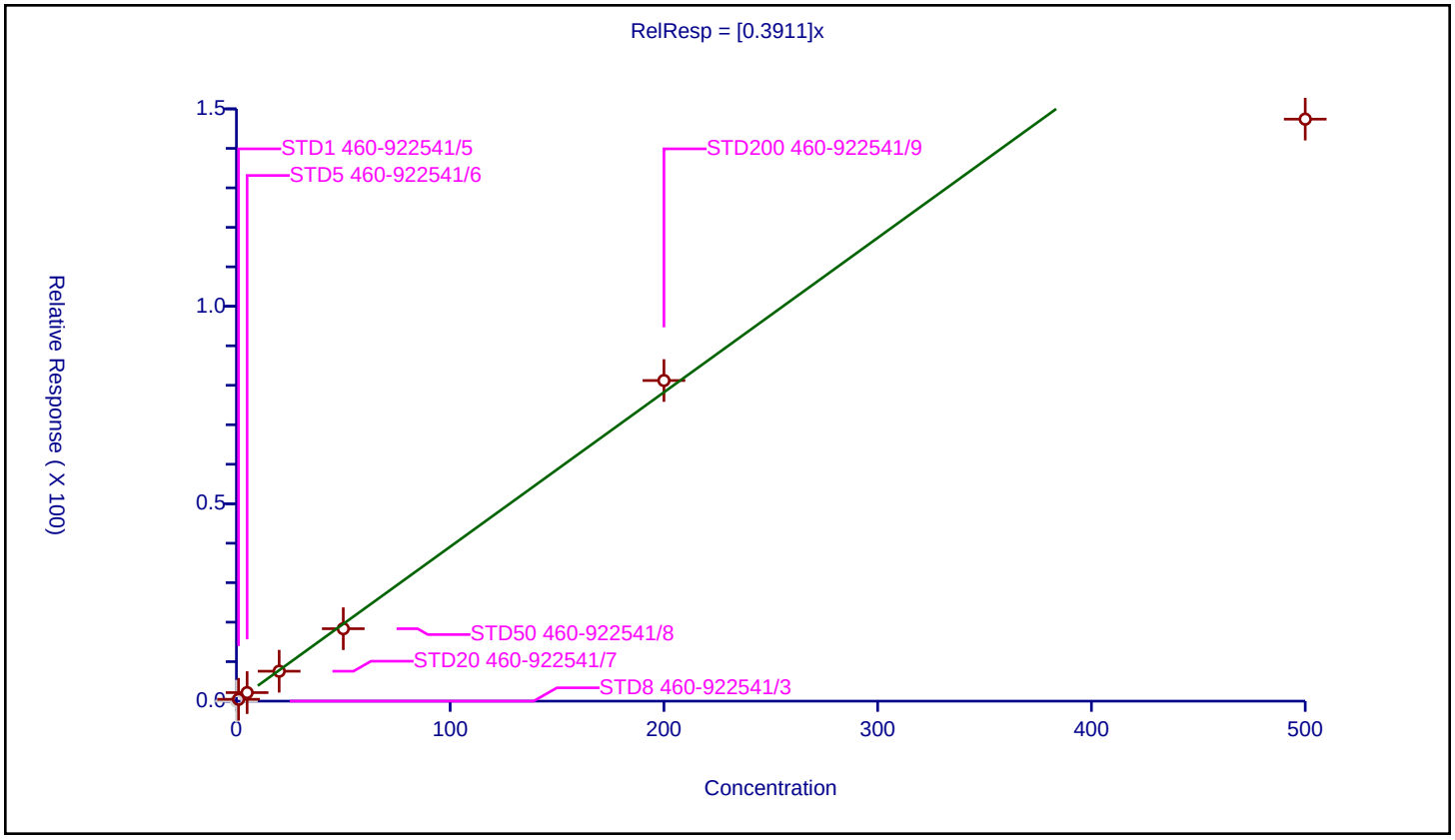
Curve Coefficients

Intercept:	0
Slope:	0.3911

Error Coefficients

Standard Error:	843000
Relative Standard Error:	15.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.467588	50.0	495629.0	0.467588	Y
3	STD5 460-922541/6	5.0	2.161868	50.0	458261.0	0.432374	Y
4	STD20 460-922541/7	20.0	7.579949	50.0	515518.0	0.378997	Y
5	STD50 460-922541/8	50.0	18.347379	50.0	524966.0	0.366948	Y
6	STD200 460-922541/9	200.0	81.205109	50.0	505672.0	0.406026	Y
7	STD500 460-922541/10	500.0	147.401544	50.0	571551.0	0.294803	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

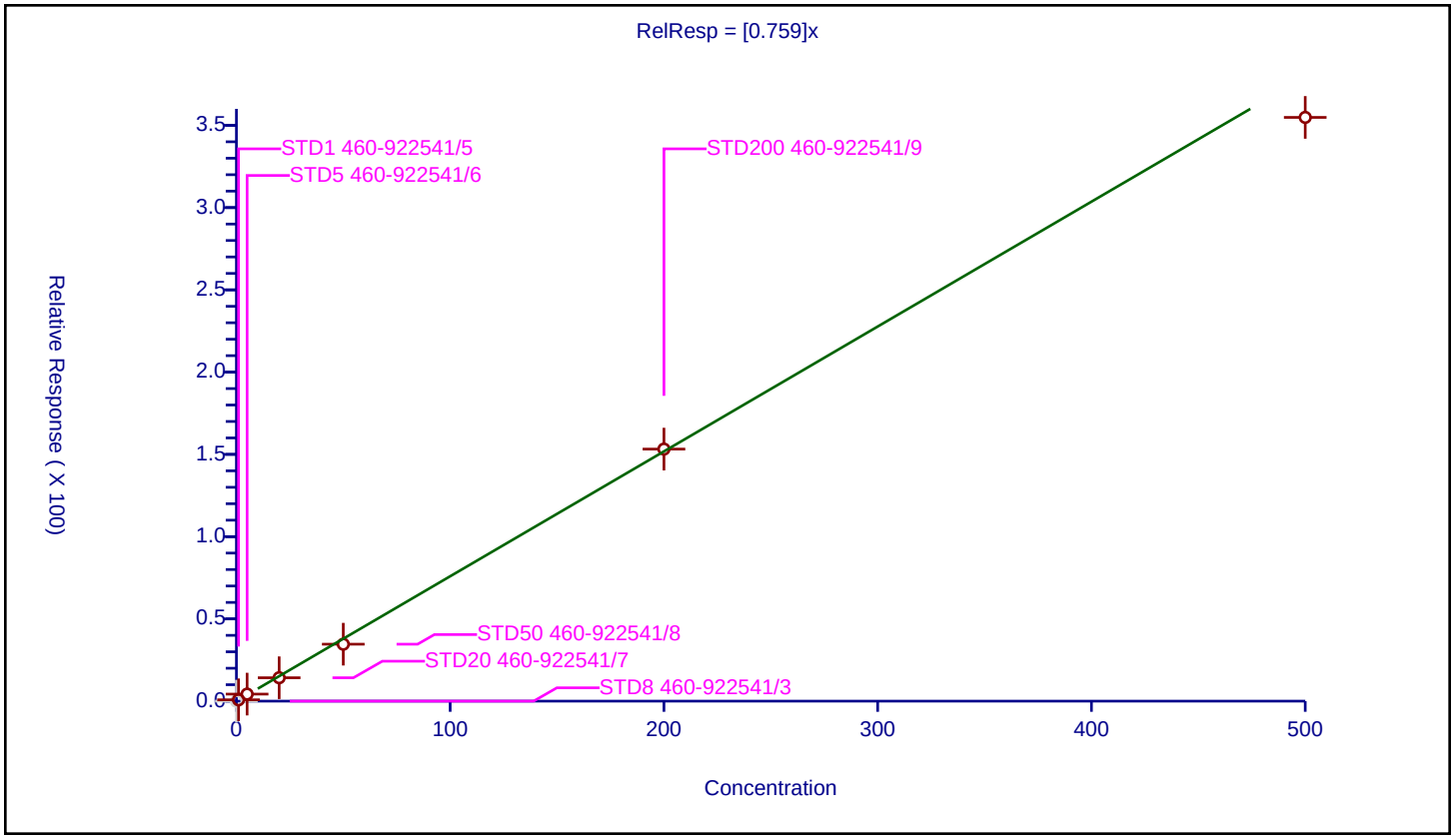
Curve Coefficients

Intercept:	0
Slope:	0.759

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.816437	50.0	495629.0	0.816437	Y
3	STD5 460-922541/6	5.0	4.289041	50.0	458261.0	0.857808	Y
4	STD20 460-922541/7	20.0	14.23025	50.0	515518.0	0.711512	Y
5	STD50 460-922541/8	50.0	34.621004	50.0	524966.0	0.69242	Y
6	STD200 460-922541/9	200.0	153.209788	50.0	505672.0	0.766049	Y
7	STD500 460-922541/10	500.0	354.823454	50.0	571551.0	0.709647	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

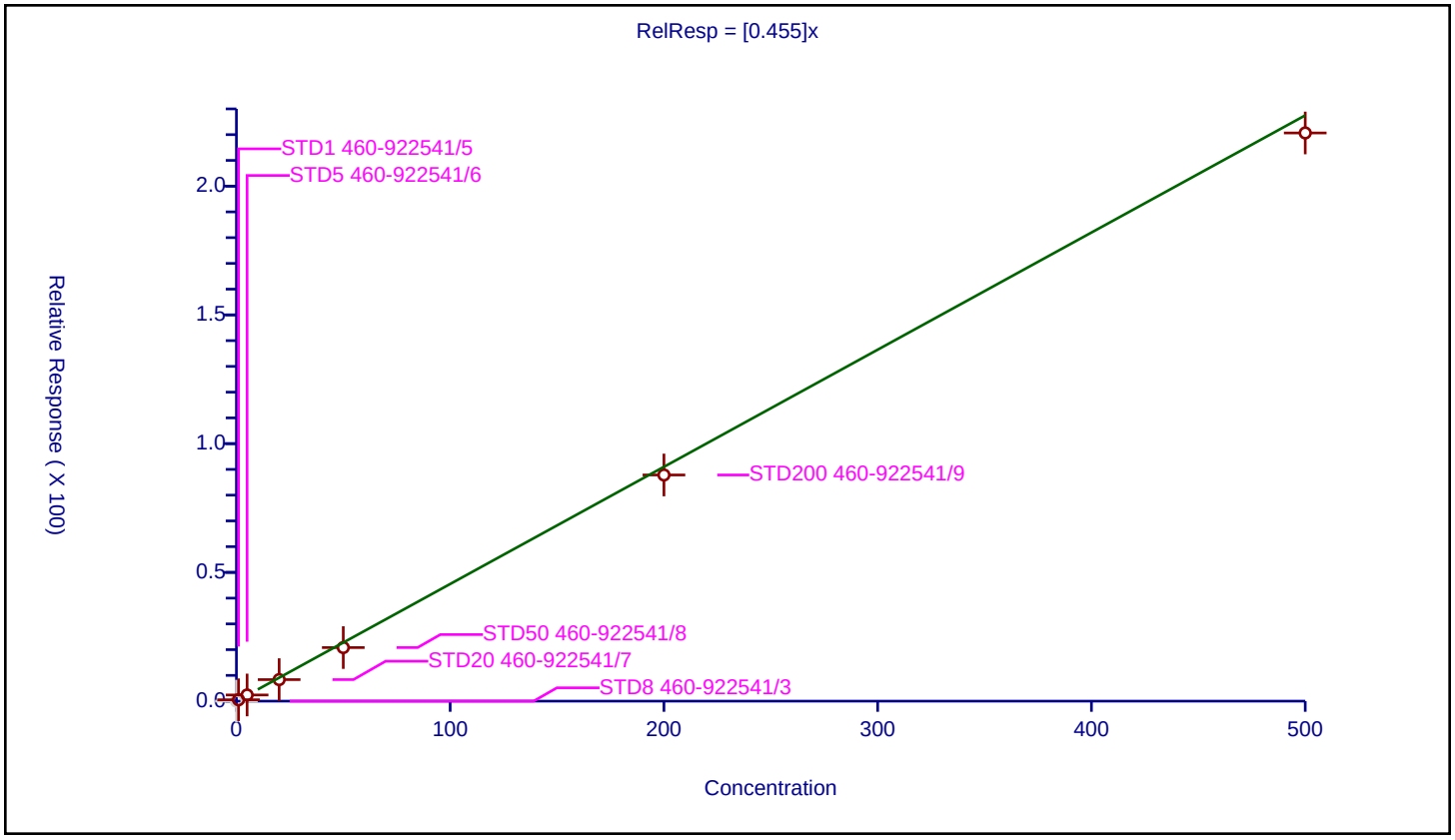
Curve Coefficients

Intercept:	0
Slope:	0.455

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.536793	50.0	495629.0	0.536793	Y
3	STD5 460-922541/6	5.0	2.391868	50.0	458261.0	0.478374	Y
4	STD20 460-922541/7	20.0	8.361105	50.0	515518.0	0.418055	Y
5	STD50 460-922541/8	50.0	20.801157	50.0	524966.0	0.416023	Y
6	STD200 460-922541/9	200.0	87.83322	50.0	505672.0	0.439166	Y
7	STD500 460-922541/10	500.0	220.652138	50.0	571551.0	0.441304	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

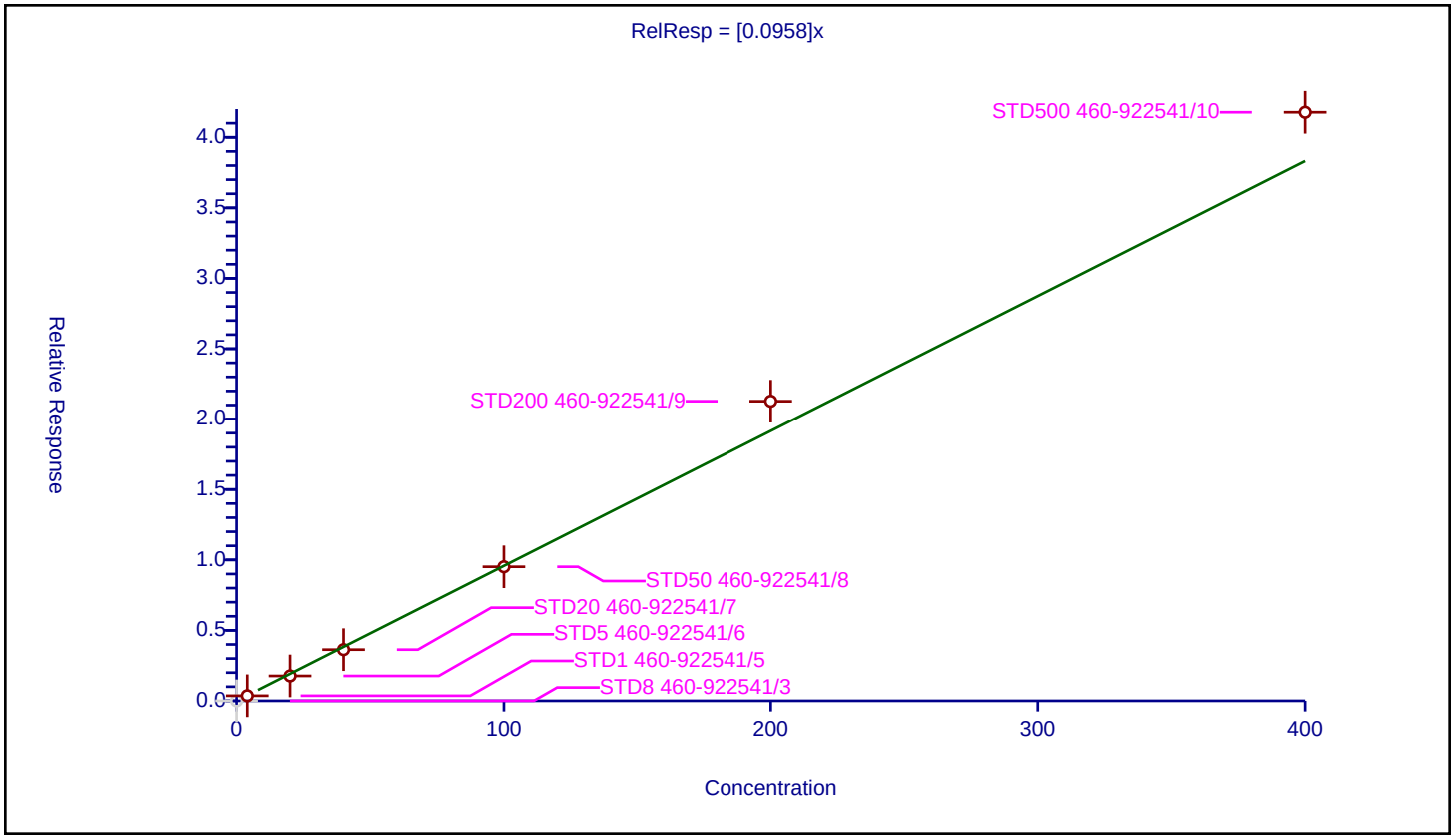
Curve Coefficients

Intercept:	0
Slope:	0.0958

Error Coefficients

Standard Error:	239000
Relative Standard Error:	8.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	4.0	0.359341	50.0	495629.0	0.089835	Y
3	STD5 460-922541/6	20.0	1.766024	50.0	458261.0	0.088301	Y
4	STD20 460-922541/7	40.0	3.630814	50.0	515518.0	0.09077	Y
5	STD50 460-922541/8	100.0	9.512807	50.0	524966.0	0.095128	Y
6	STD200 460-922541/9	200.0	21.271892	50.0	505672.0	0.106359	Y
7	STD500 460-922541/10	400.0	41.773	50.0	571551.0	0.104433	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

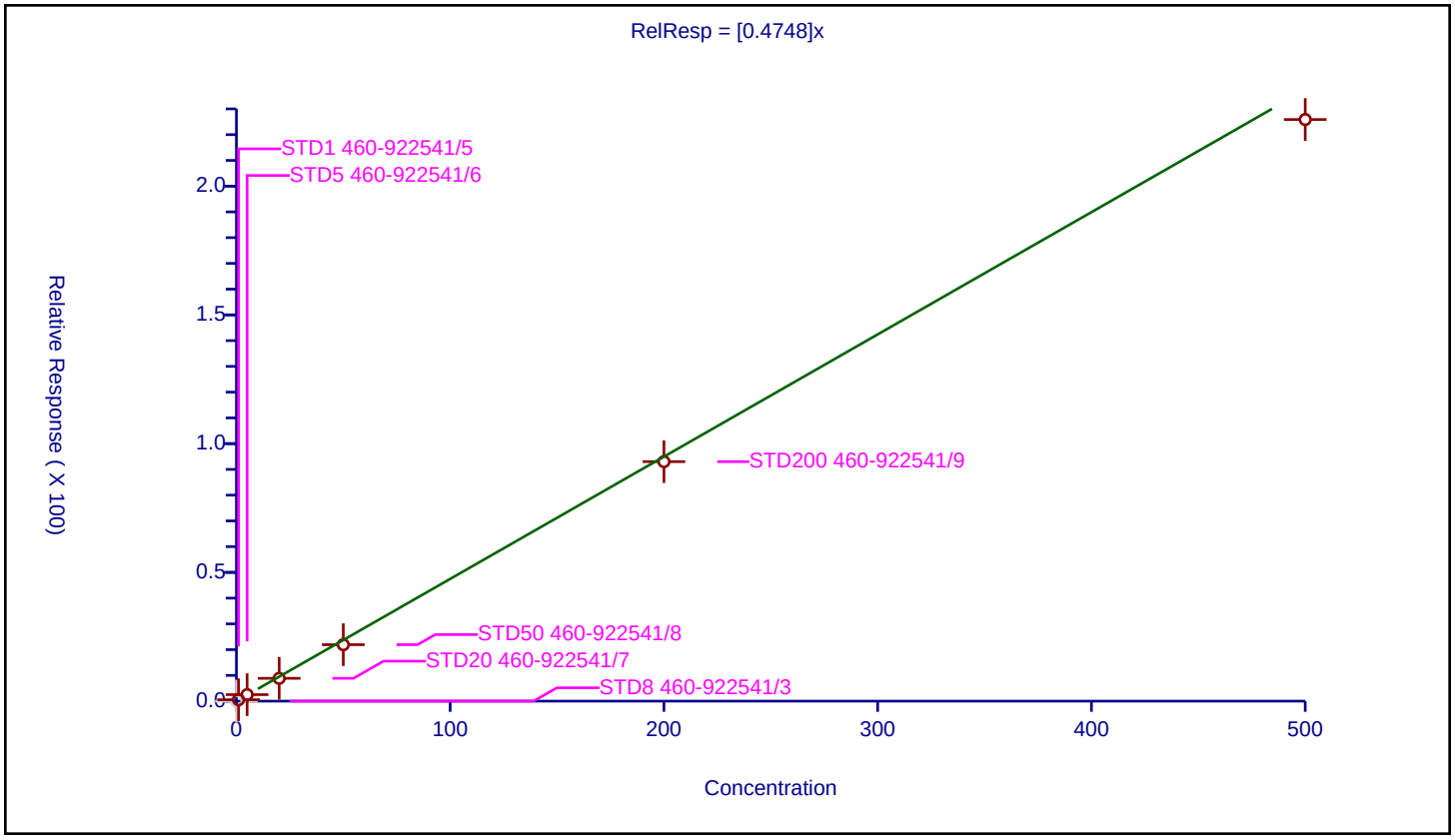
Curve Coefficients

Intercept:	0
Slope:	0.4748

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	8.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.545368	50.0	495629.0	0.545368	Y
3	STD5 460-922541/6	5.0	2.526071	50.0	458261.0	0.505214	Y
4	STD20 460-922541/7	20.0	8.854298	50.0	515518.0	0.442715	Y
5	STD50 460-922541/8	50.0	21.923134	50.0	524966.0	0.438463	Y
6	STD200 460-922541/9	200.0	93.00772	50.0	505672.0	0.465039	Y
7	STD500 460-922541/10	500.0	225.872582	50.0	571551.0	0.451745	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

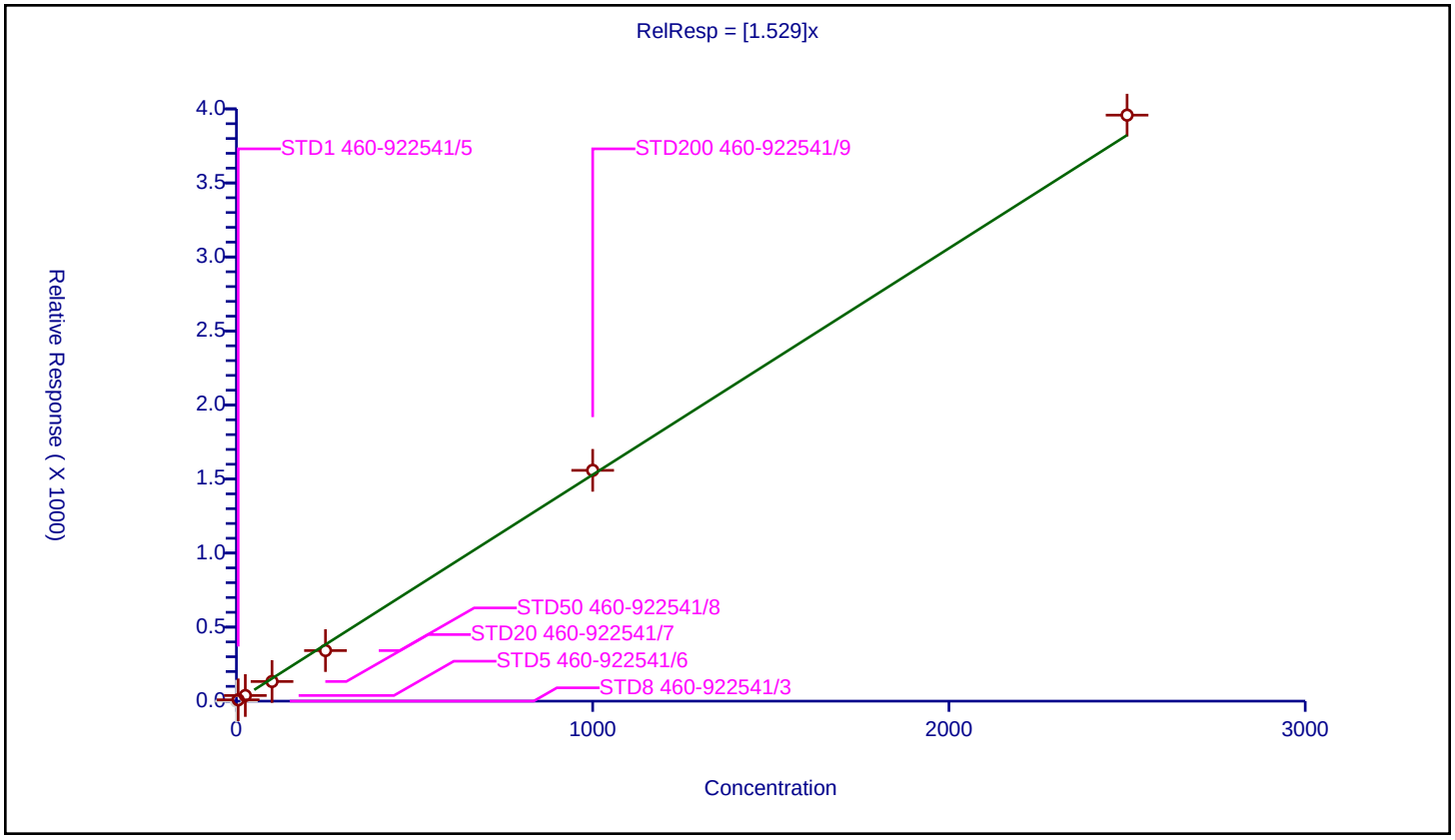
Curve Coefficients

Intercept:	0
Slope:	1.529

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	11.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	5.0	9.080042	250.0	214151.0	1.816008	Y
3	STD5 460-922541/6	25.0	38.110249	250.0	194777.0	1.52441	Y
4	STD20 460-922541/7	100.0	132.638137	250.0	241011.0	1.326381	Y
5	STD50 460-922541/8	250.0	341.569327	250.0	240995.0	1.366277	Y
6	STD200 460-922541/9	1000.0	1558.739504	250.0	261651.0	1.55874	Y
7	STD500 460-922541/10	2500.0	3957.82514	250.0	299509.0	1.58313	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

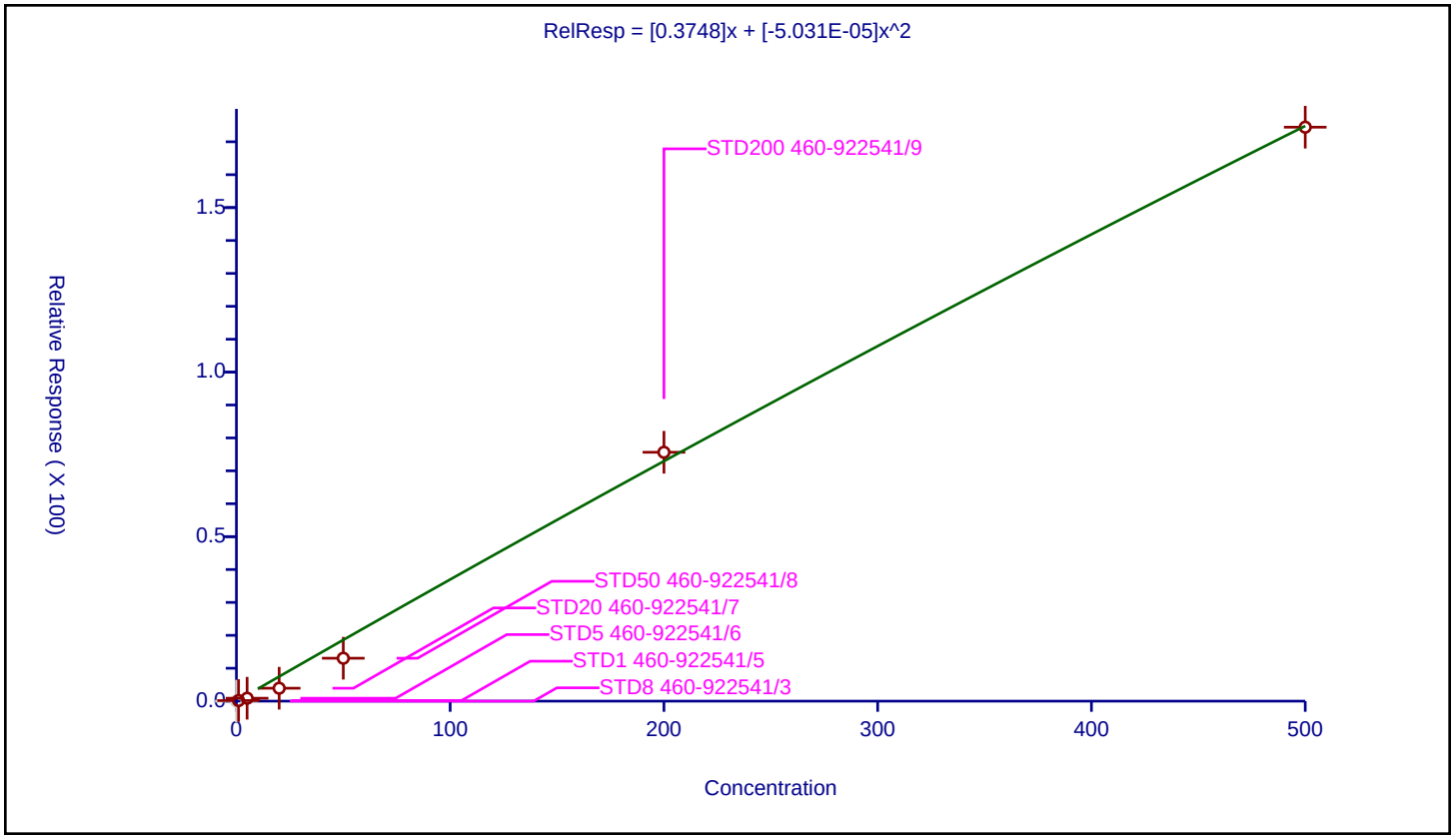
Curve Coefficients

Intercept:	0
Slope:	0.3748
Second Order:	-5.031E-05

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	46.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.174223	50.0	495629.0	0.174223	Y
3	STD5 460-922541/6	5.0	0.885303	50.0	458261.0	0.177061	Y
4	STD20 460-922541/7	20.0	3.932064	50.0	515518.0	0.196603	Y
5	STD50 460-922541/8	50.0	13.042845	50.0	524966.0	0.260857	Y
6	STD200 460-922541/9	200.0	75.639743	50.0	505672.0	0.378199	Y
7	STD500 460-922541/10	500.0	174.436839	50.0	571551.0	0.348874	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

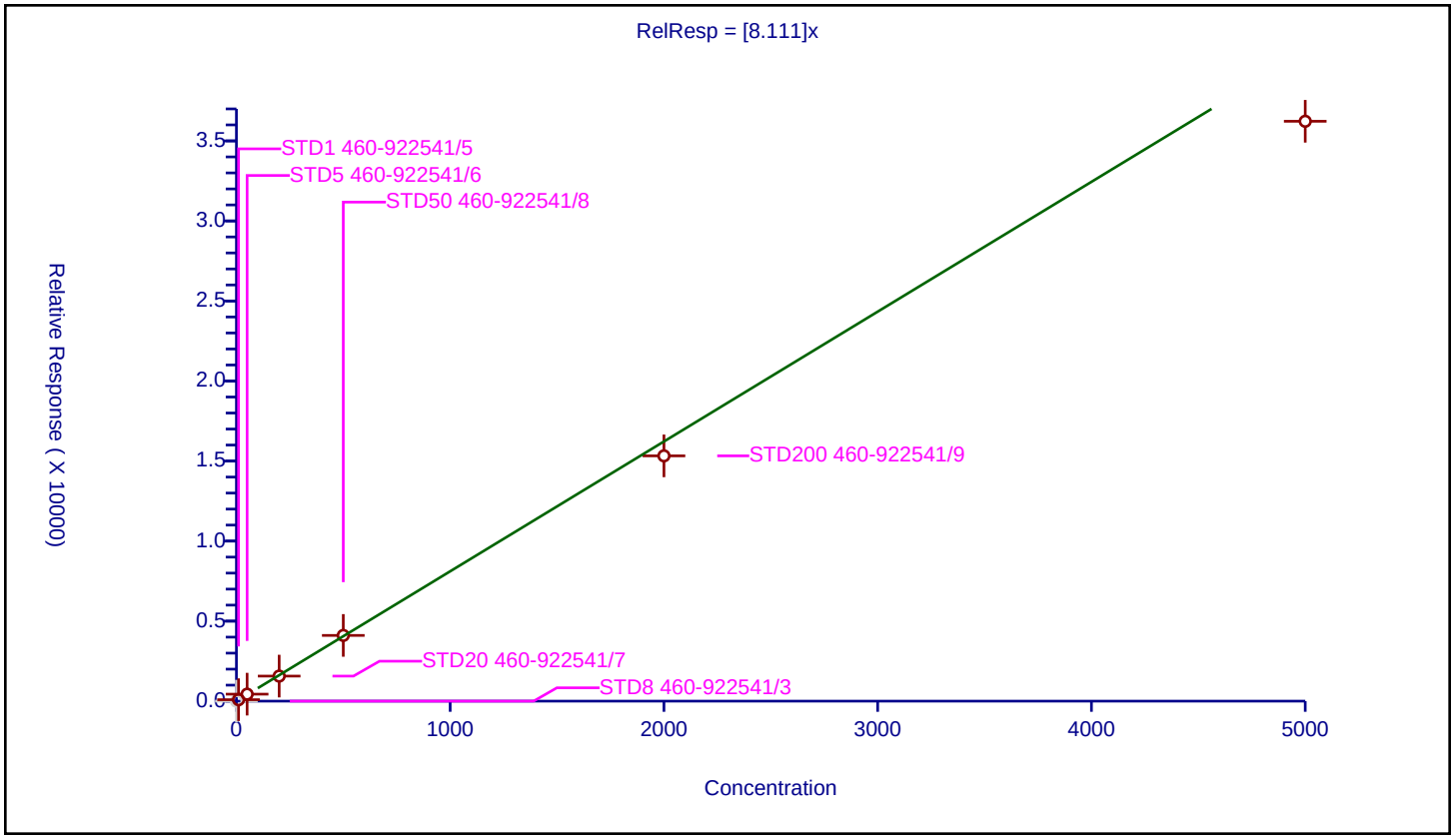
Curve Coefficients

Intercept:	0
Slope:	8.111

Error Coefficients

Standard Error:	817000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	1000.0	25592.0	NaN	N
2	STD1 460-922541/5	10.0	90.008229	1000.0	29164.0	9.000823	Y
3	STD5 460-922541/6	50.0	436.01108	1000.0	27075.0	8.720222	Y
4	STD20 460-922541/7	200.0	1564.87682	1000.0	32554.0	7.824384	Y
5	STD50 460-922541/8	500.0	4105.470214	1000.0	32028.0	8.21094	Y
6	STD200 460-922541/9	2000.0	15324.742268	1000.0	41516.0	7.662371	Y
7	STD500 460-922541/10	5000.0	36226.143223	1000.0	48372.0	7.245229	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

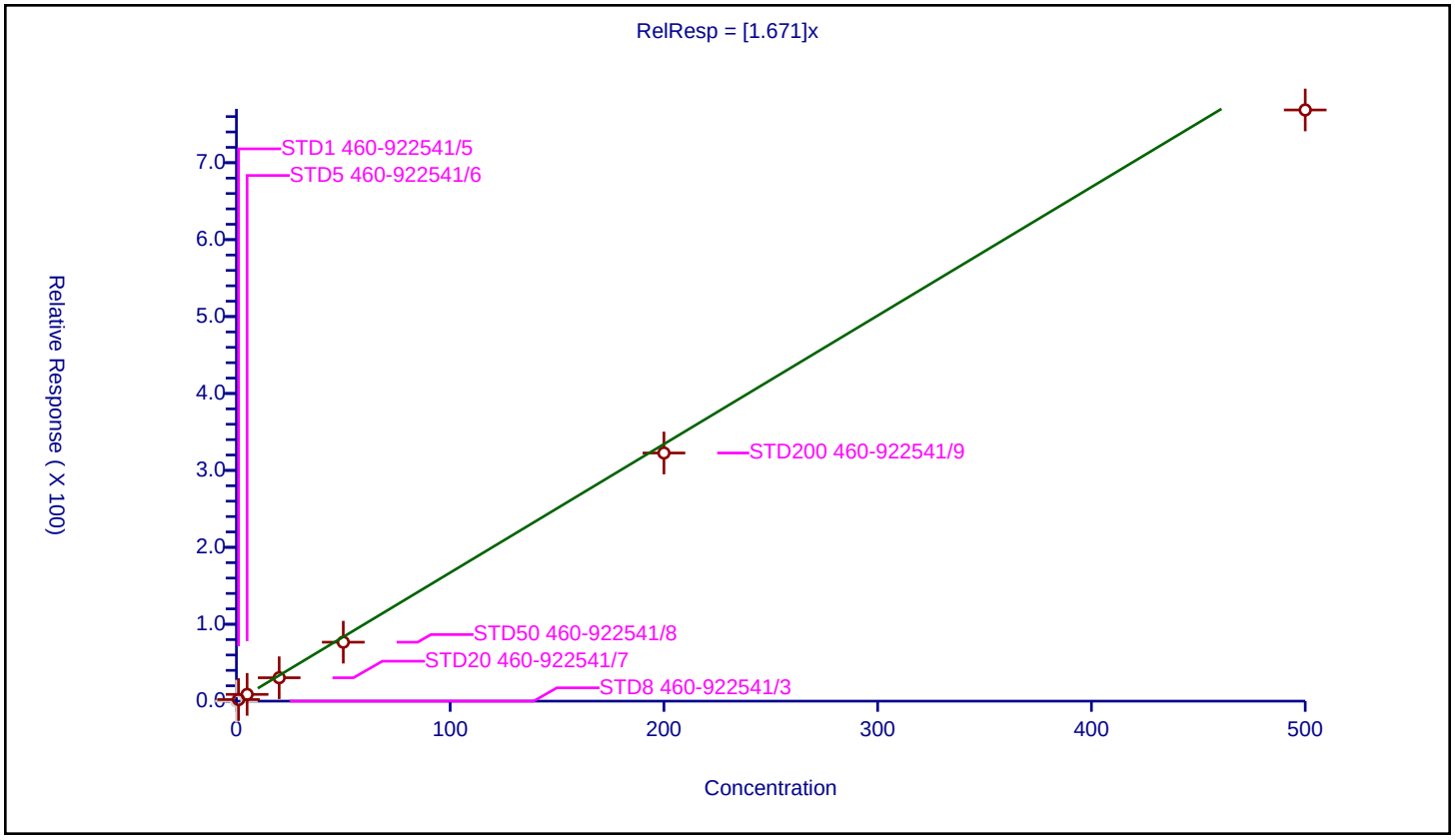
Curve Coefficients

Intercept:	0
Slope:	1.671

Error Coefficients

Standard Error:	4210000
Relative Standard Error:	12.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	2.067978	50.0	495629.0	2.067978	Y
3	STD5 460-922541/6	5.0	8.767929	50.0	458261.0	1.753586	Y
4	STD20 460-922541/7	20.0	30.405243	50.0	515518.0	1.520262	Y
5	STD50 460-922541/8	50.0	76.660774	50.0	524966.0	1.533215	Y
6	STD200 460-922541/9	200.0	322.601014	50.0	505672.0	1.613005	Y
7	STD500 460-922541/10	500.0	768.627909	50.0	571551.0	1.537256	Y



Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

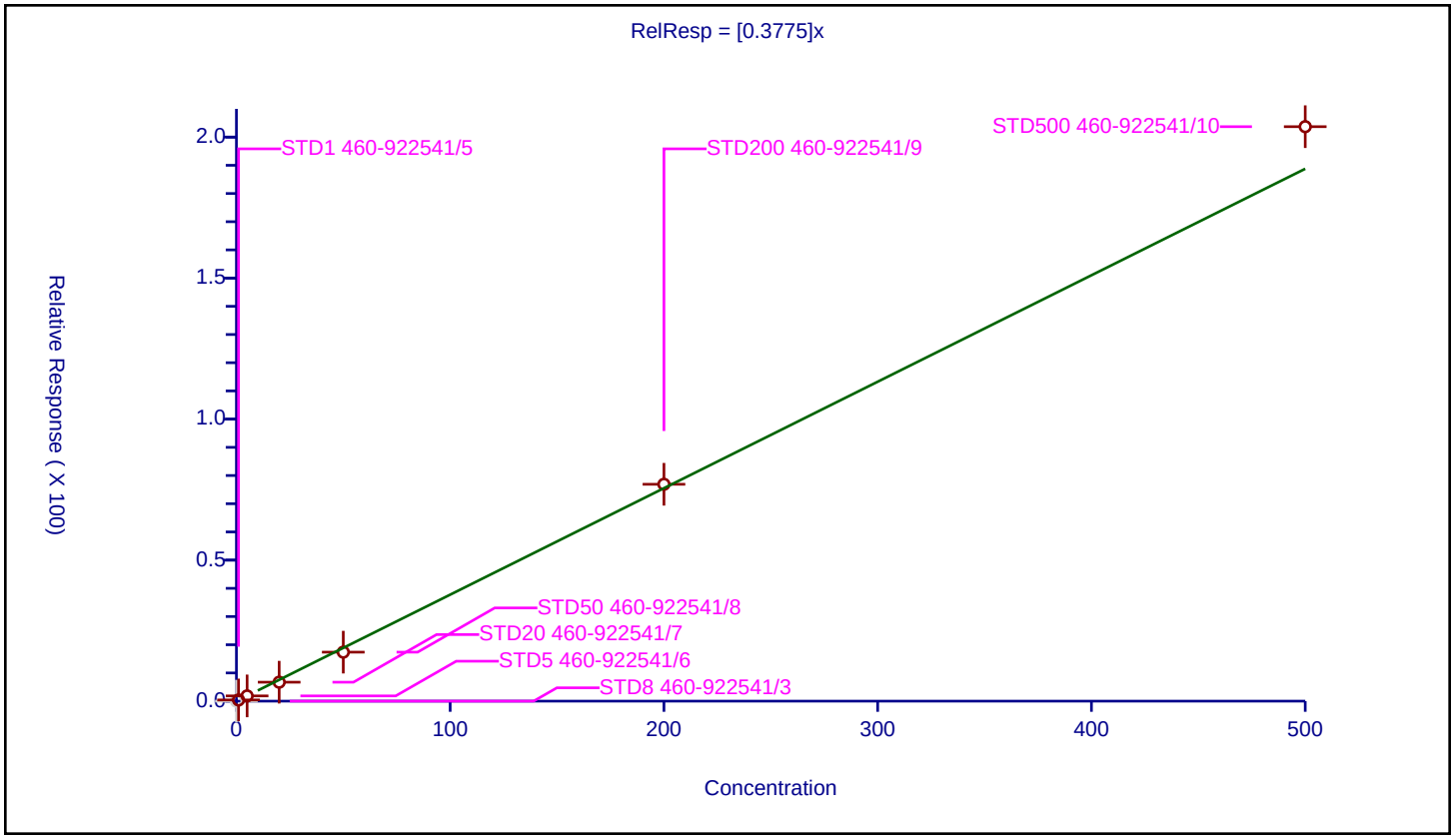
Curve Coefficients

Intercept:	0
Slope:	0.3775

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	8.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.417954	50.0	495629.0	0.417954	Y
3	STD5 460-922541/6	5.0	1.860294	50.0	458261.0	0.372059	Y
4	STD20 460-922541/7	20.0	6.714993	50.0	515518.0	0.33575	Y
5	STD50 460-922541/8	50.0	17.374935	50.0	524966.0	0.347499	Y
6	STD200 460-922541/9	200.0	76.896289	50.0	505672.0	0.384481	Y
7	STD500 460-922541/10	500.0	203.695996	50.0	571551.0	0.407392	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

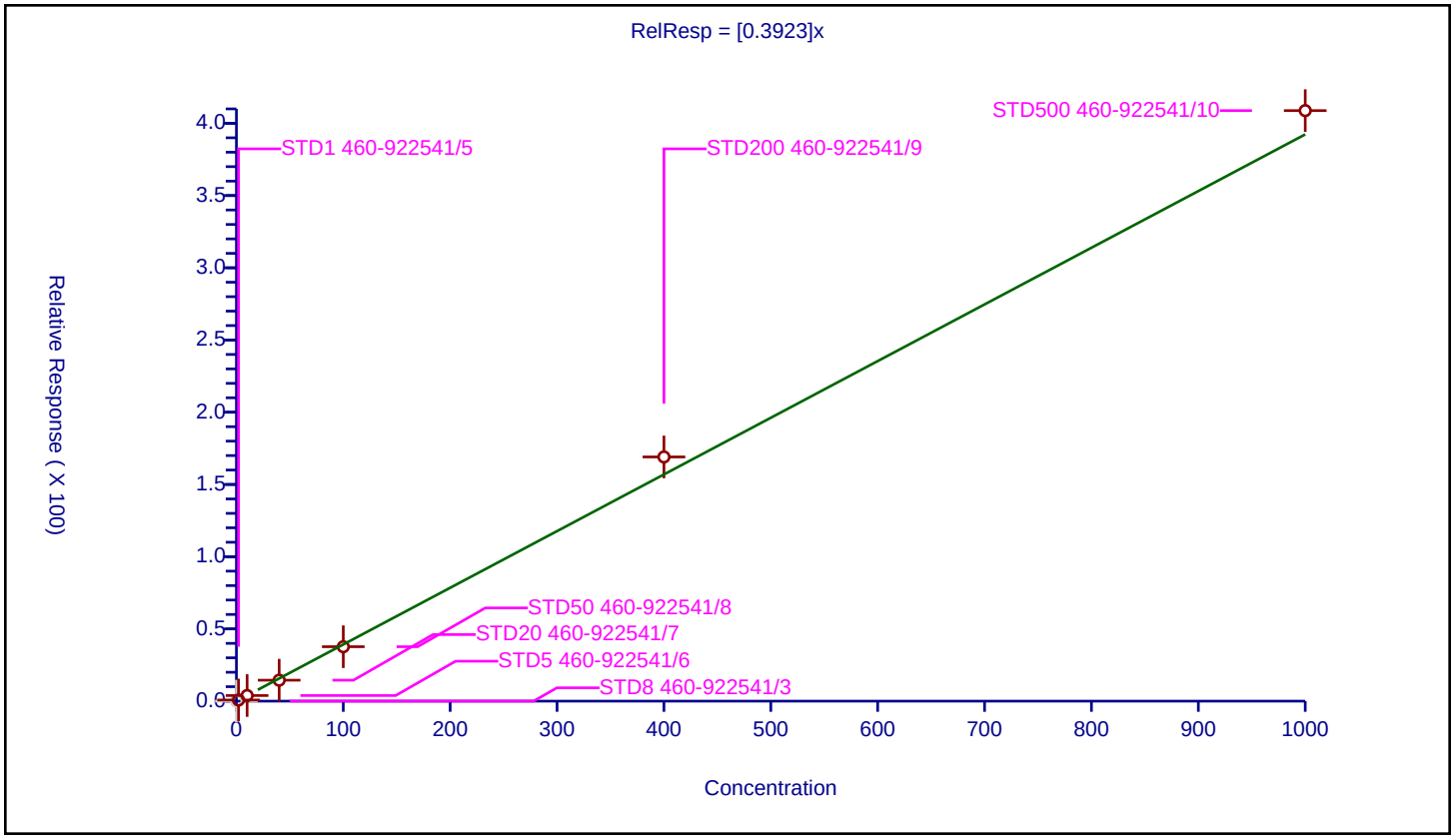
Curve Coefficients

Intercept:	0
Slope:	0.3923

Error Coefficients

Standard Error:	2230000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	2.0	0.791116	50.0	495629.0	0.395558	Y
3	STD5 460-922541/6	10.0	3.876612	50.0	458261.0	0.387661	Y
4	STD20 460-922541/7	40.0	14.50929	50.0	515518.0	0.362732	Y
5	STD50 460-922541/8	100.0	37.669011	50.0	524966.0	0.37669	Y
6	STD200 460-922541/9	400.0	169.04179	50.0	505672.0	0.422604	Y
7	STD500 460-922541/10	1000.0	408.8077	50.0	571551.0	0.408808	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

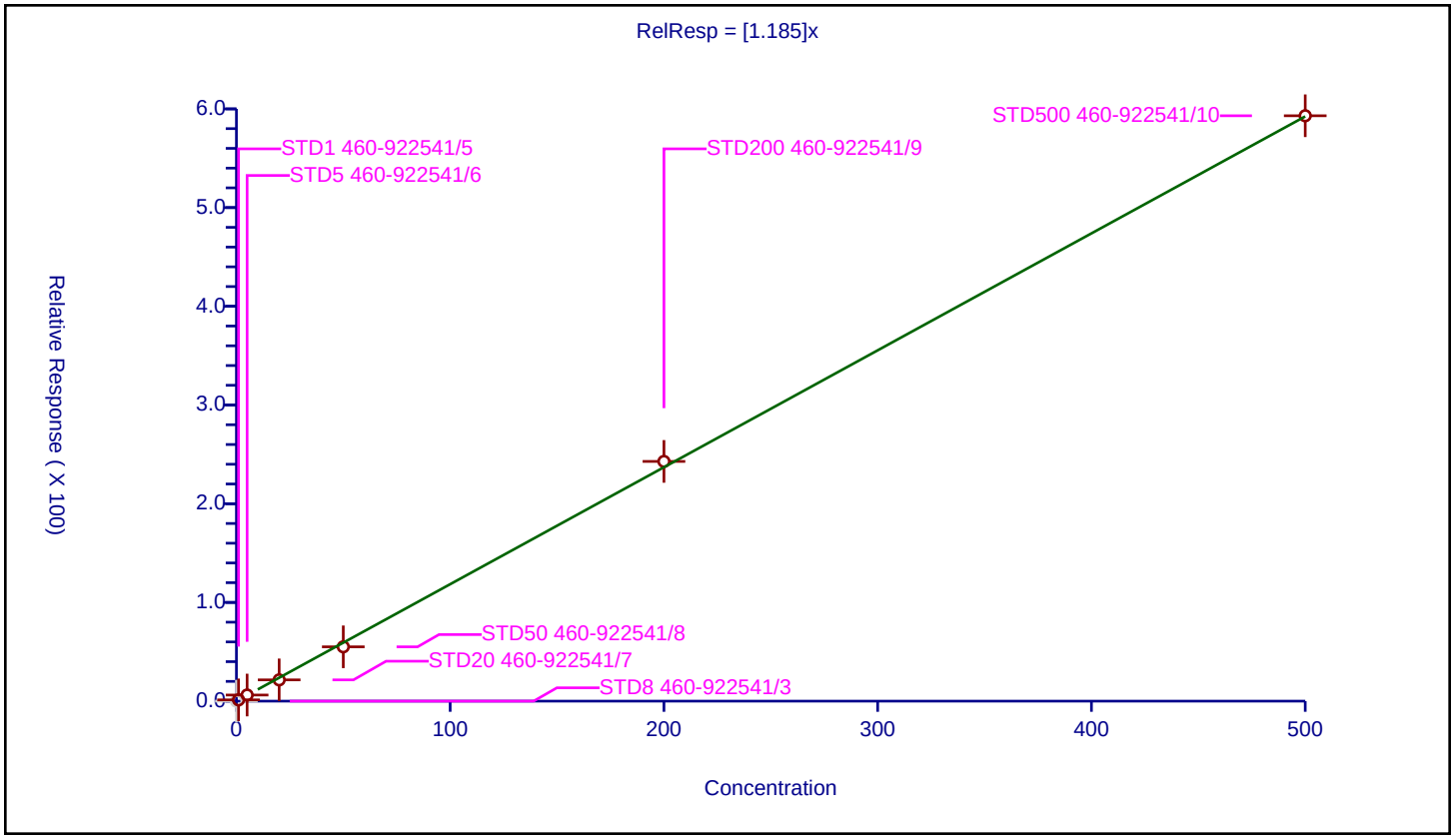
Curve Coefficients

Intercept:	0
Slope:	1.185

Error Coefficients

Standard Error:	3240000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.289473	50.0	495629.0	1.289473	Y
3	STD5 460-922541/6	5.0	6.20116	50.0	458261.0	1.240232	Y
4	STD20 460-922541/7	20.0	21.549102	50.0	515518.0	1.077455	Y
5	STD50 460-922541/8	50.0	55.038517	50.0	524966.0	1.10077	Y
6	STD200 460-922541/9	200.0	242.859106	50.0	505672.0	1.214296	Y
7	STD500 460-922541/10	500.0	593.040254	50.0	571551.0	1.186081	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

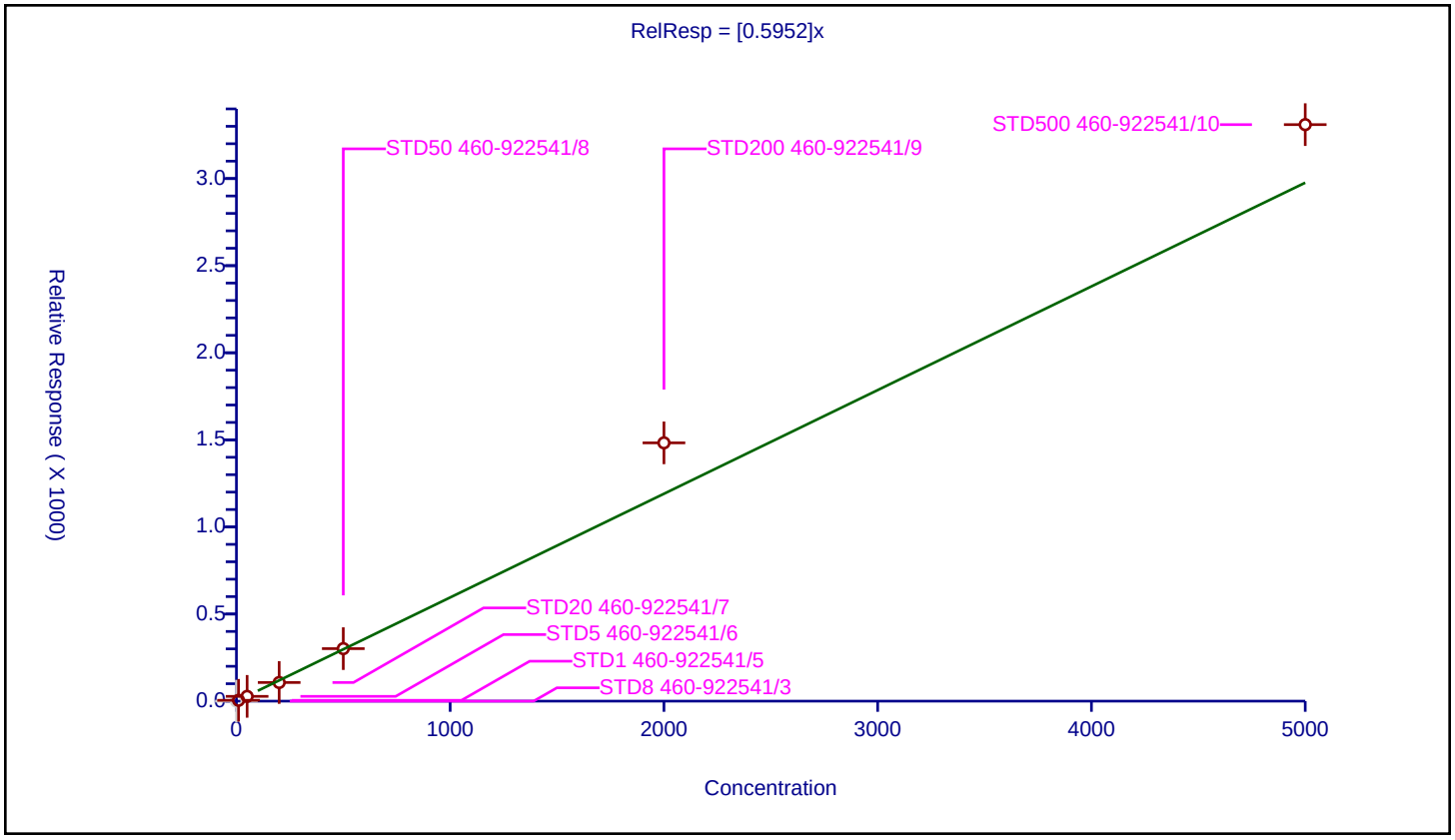
Curve Coefficients

Intercept:	0
Slope:	0.5952

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	10.0	4.812025	250.0	214151.0	0.481203	Y
3	STD5 460-922541/6	50.0	27.450623	250.0	194777.0	0.549012	Y
4	STD20 460-922541/7	200.0	107.000303	250.0	241011.0	0.535002	Y
5	STD50 460-922541/8	500.0	301.464761	250.0	240995.0	0.60293	Y
6	STD200 460-922541/9	2000.0	1482.807251	250.0	261651.0	0.741404	Y
7	STD500 460-922541/10	5000.0	3309.582517	250.0	299509.0	0.661917	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

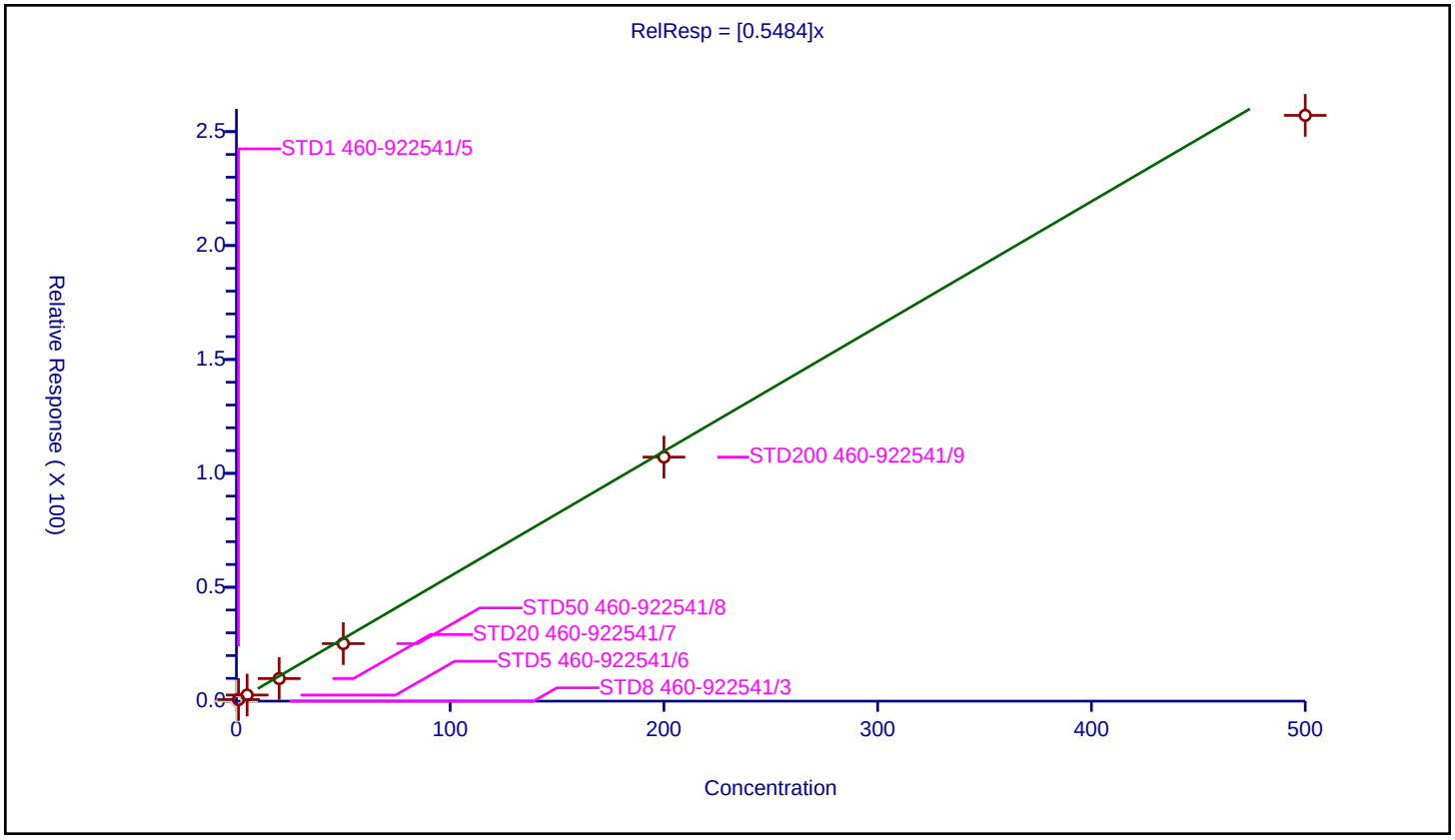
Curve Coefficients

Intercept:	0
Slope:	0.5484

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	14.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.701028	50.0	495629.0	0.701028	Y
3	STD5 460-922541/6	5.0	2.693552	50.0	458261.0	0.53871	Y
4	STD20 460-922541/7	20.0	9.911293	50.0	515518.0	0.495565	Y
5	STD50 460-922541/8	50.0	25.255064	50.0	524966.0	0.505101	Y
6	STD200 460-922541/9	200.0	107.14297	50.0	505672.0	0.535715	Y
7	STD500 460-922541/10	500.0	257.162703	50.0	571551.0	0.514325	Y



Calibration / 2-Methyl-2-propanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

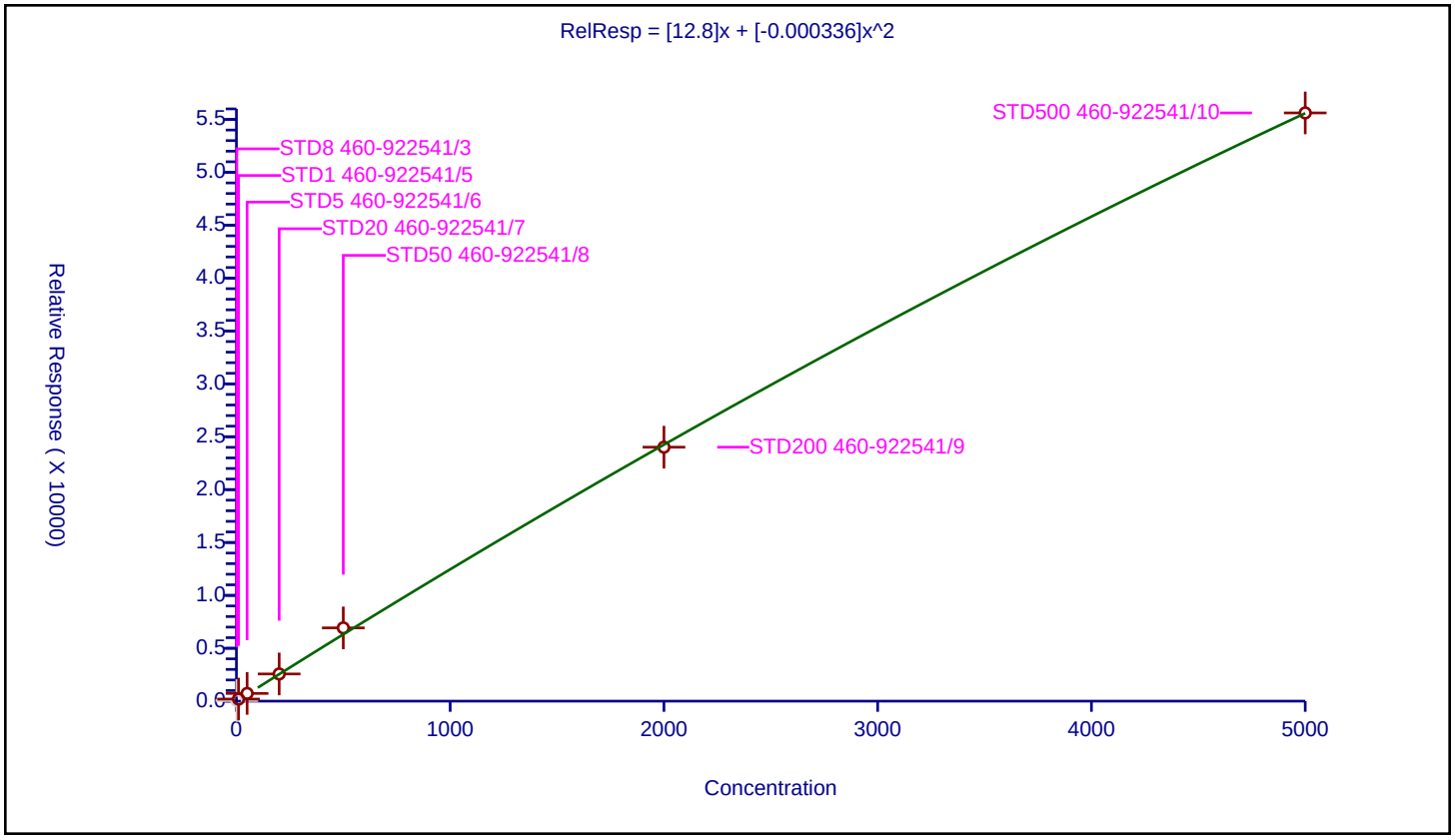
Curve Coefficients

Intercept:	0
Slope:	12.8
Second Order:	-0.000336

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	28.0
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	2.0	53.923101	1000.0	25592.0	26.96155	N
2	STD1 460-922541/5	10.0	195.960774	1000.0	29164.0	19.596077	Y
3	STD5 460-922541/6	50.0	729.56602	1000.0	27075.0	14.59132	Y
4	STD20 460-922541/7	200.0	2568.77803	1000.0	32554.0	12.84389	Y
5	STD50 460-922541/8	500.0	6926.689147	1000.0	32028.0	13.853378	Y
6	STD200 460-922541/9	2000.0	24014.28365	1000.0	41516.0	12.007142	Y
7	STD500 460-922541/10	5000.0	55620.648309	1000.0	48372.0	11.12413	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

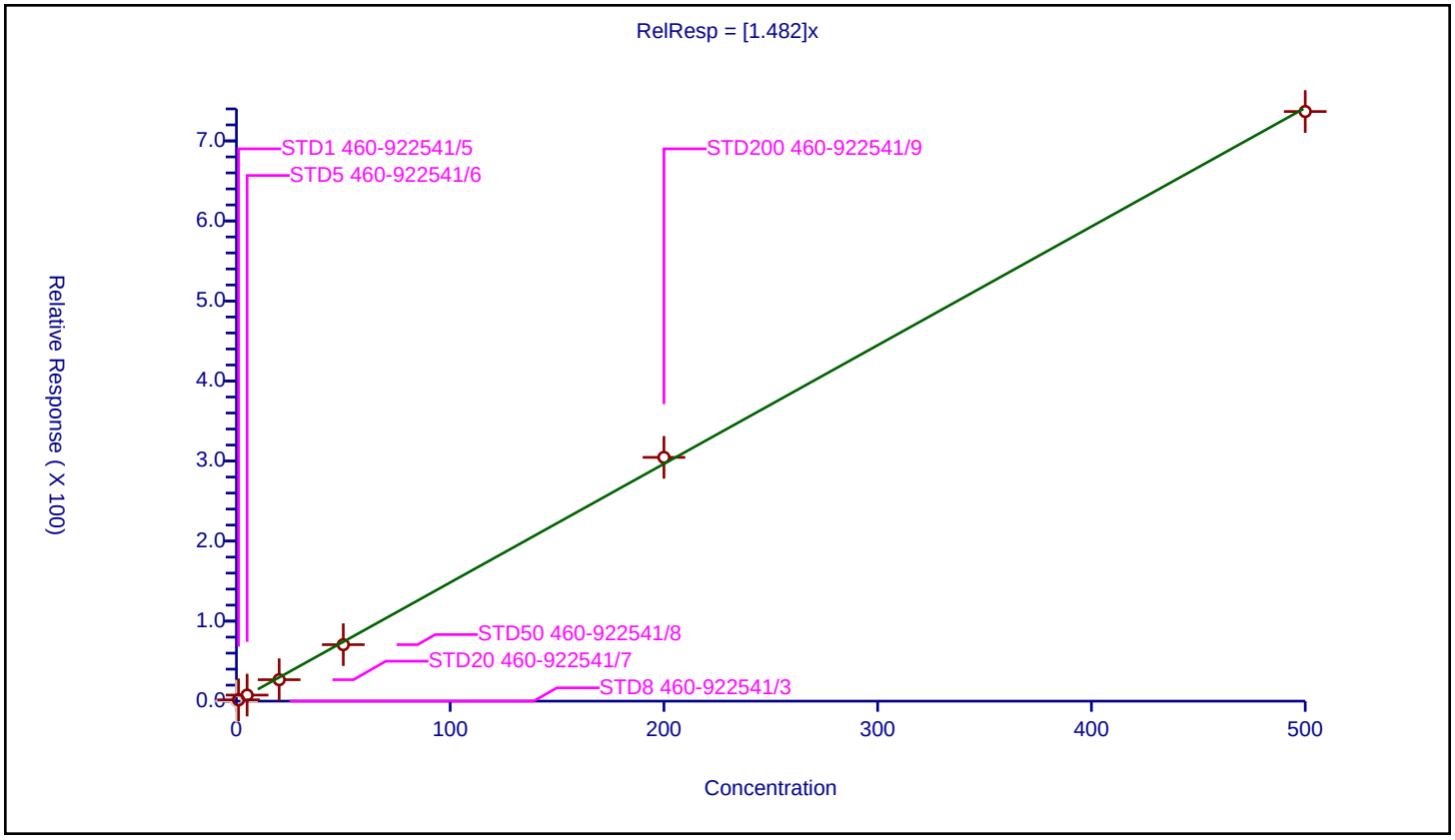
Curve Coefficients

Intercept:	0
Slope:	1.482

Error Coefficients

Standard Error:	4030000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.632774	50.0	495629.0	1.632774	Y
3	STD5 460-922541/6	5.0	7.580287	50.0	458261.0	1.516057	Y
4	STD20 460-922541/7	20.0	26.7657	50.0	515518.0	1.338285	Y
5	STD50 460-922541/8	50.0	70.555998	50.0	524966.0	1.41112	Y
6	STD200 460-922541/9	200.0	304.568179	50.0	505672.0	1.522841	Y
7	STD500 460-922541/10	500.0	736.6997	50.0	571551.0	1.473399	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

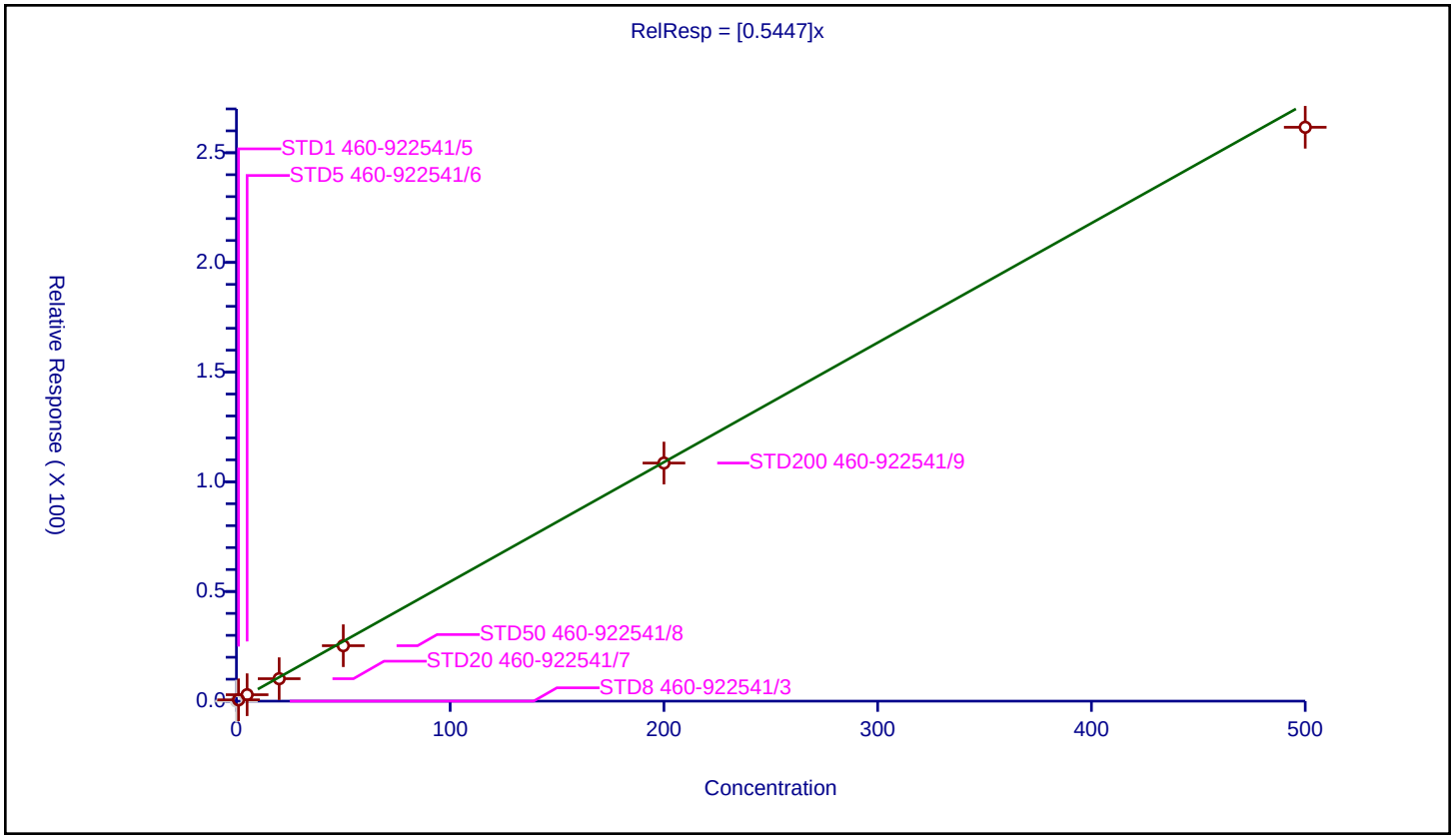
Curve Coefficients

Intercept:	0
Slope:	0.5447

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.598633	50.0	495629.0	0.598633	Y
3	STD5 460-922541/6	5.0	2.935118	50.0	458261.0	0.587024	Y
4	STD20 460-922541/7	20.0	10.227286	50.0	515518.0	0.511364	Y
5	STD50 460-922541/8	50.0	25.270017	50.0	524966.0	0.5054	Y
6	STD200 460-922541/9	200.0	108.540319	50.0	505672.0	0.542702	Y
7	STD500 460-922541/10	500.0	261.627746	50.0	571551.0	0.523255	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

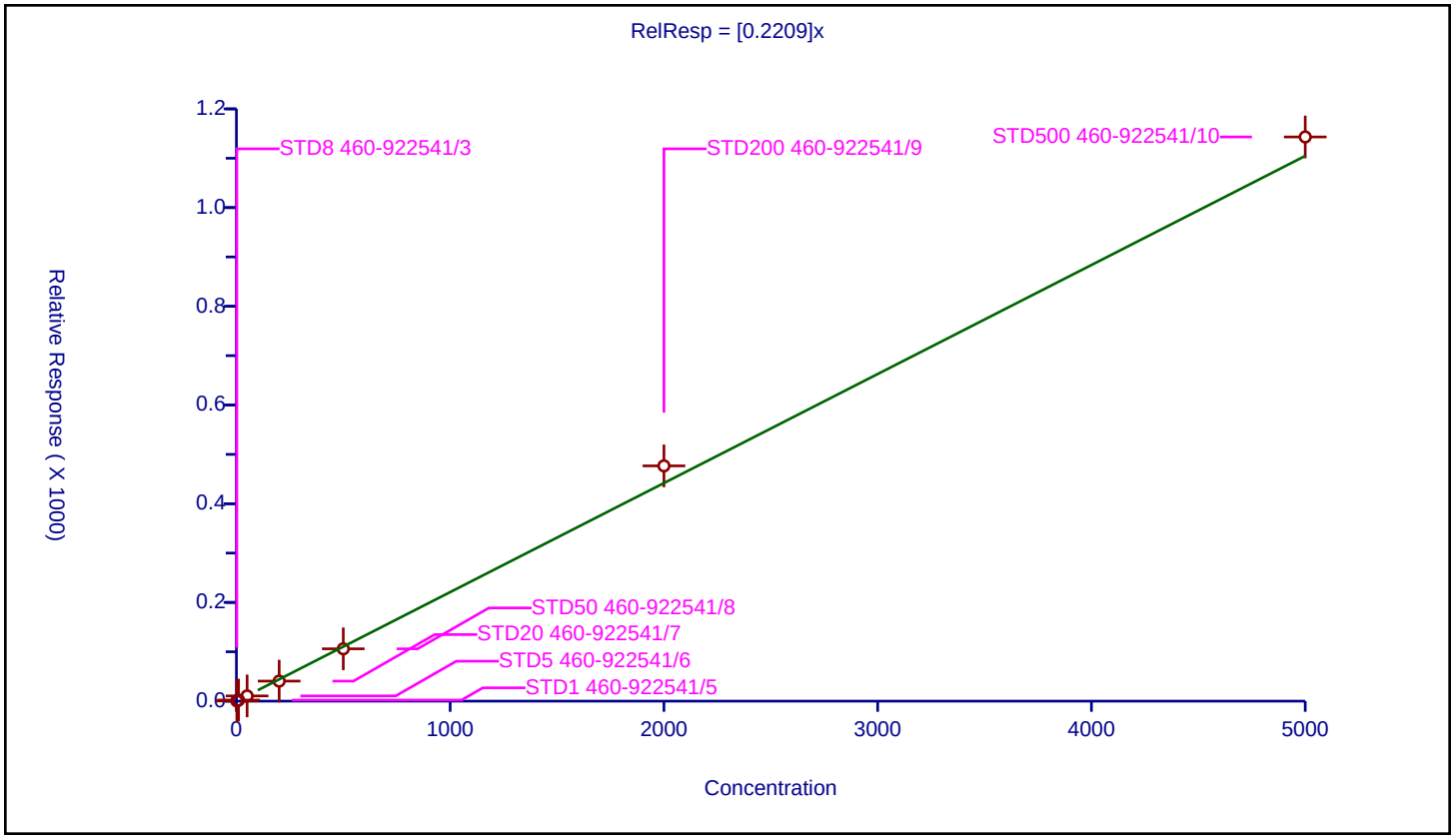
Curve Coefficients

Intercept:	0
Slope:	0.2209

Error Coefficients

Standard Error:	5710000
Relative Standard Error:	6.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	2.0	0.474208	50.0	461928.0	0.237104	Y
2	STD1 460-922541/5	10.0	2.154838	50.0	495629.0	0.215484	Y
3	STD5 460-922541/6	50.0	10.591235	50.0	458261.0	0.211825	Y
4	STD20 460-922541/7	200.0	40.608572	50.0	515518.0	0.203043	Y
5	STD50 460-922541/8	500.0	106.030105	50.0	524966.0	0.21206	Y
6	STD200 460-922541/9	2000.0	476.712375	50.0	505672.0	0.238356	Y
7	STD500 460-922541/10	5000.0	1143.119424	50.0	571551.0	0.228624	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

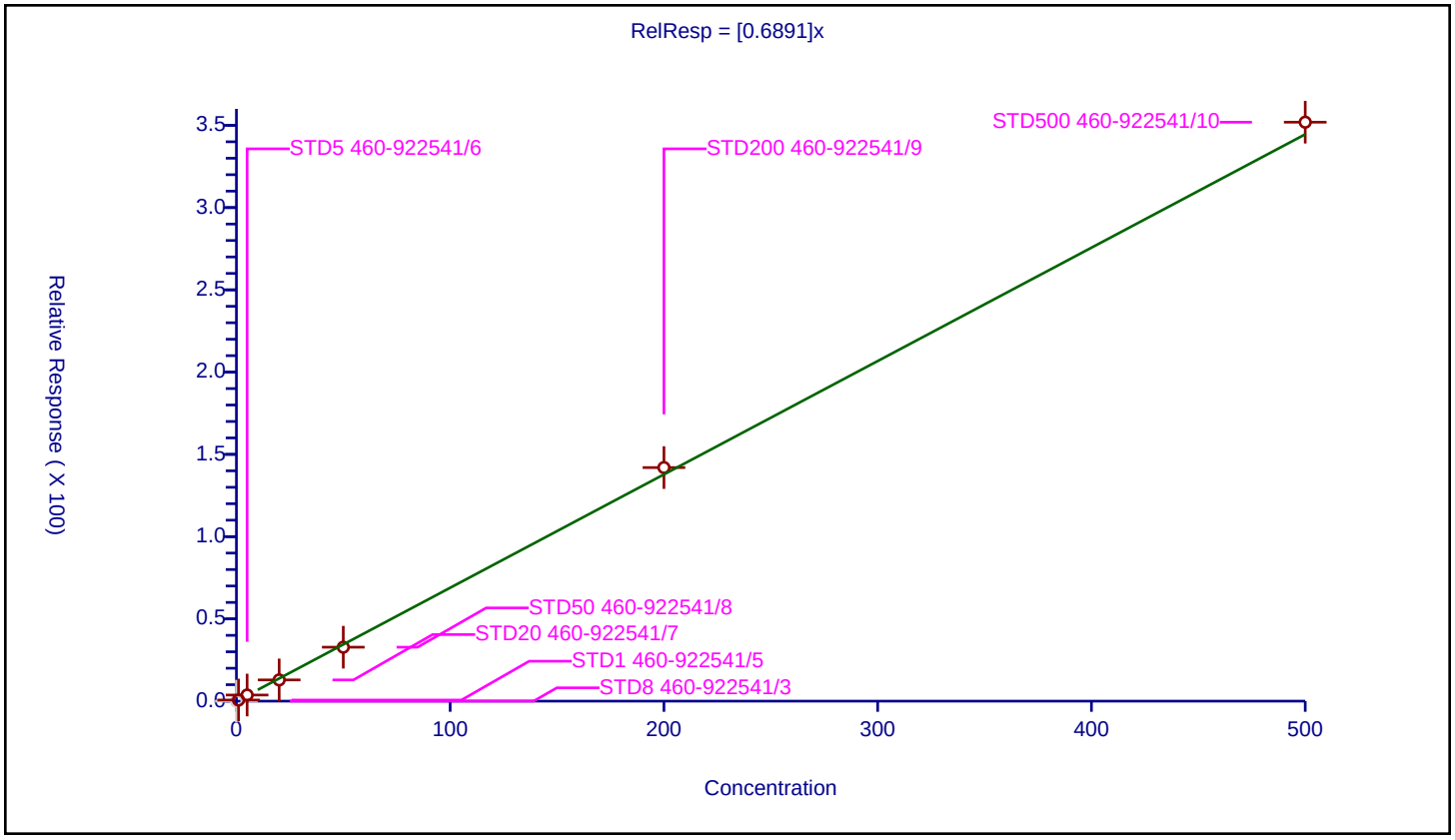
Curve Coefficients

Intercept:	0
Slope:	0.6891

Error Coefficients

Standard Error:	1920000
Relative Standard Error:	5.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.676817	50.0	495629.0	0.676817	Y
3	STD5 460-922541/6	5.0	3.715677	50.0	458261.0	0.743135	Y
4	STD20 460-922541/7	20.0	12.901004	50.0	515518.0	0.64505	Y
5	STD50 460-922541/8	50.0	32.787838	50.0	524966.0	0.655757	Y
6	STD200 460-922541/9	200.0	141.977309	50.0	505672.0	0.709887	Y
7	STD500 460-922541/10	500.0	351.915665	50.0	571551.0	0.703831	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

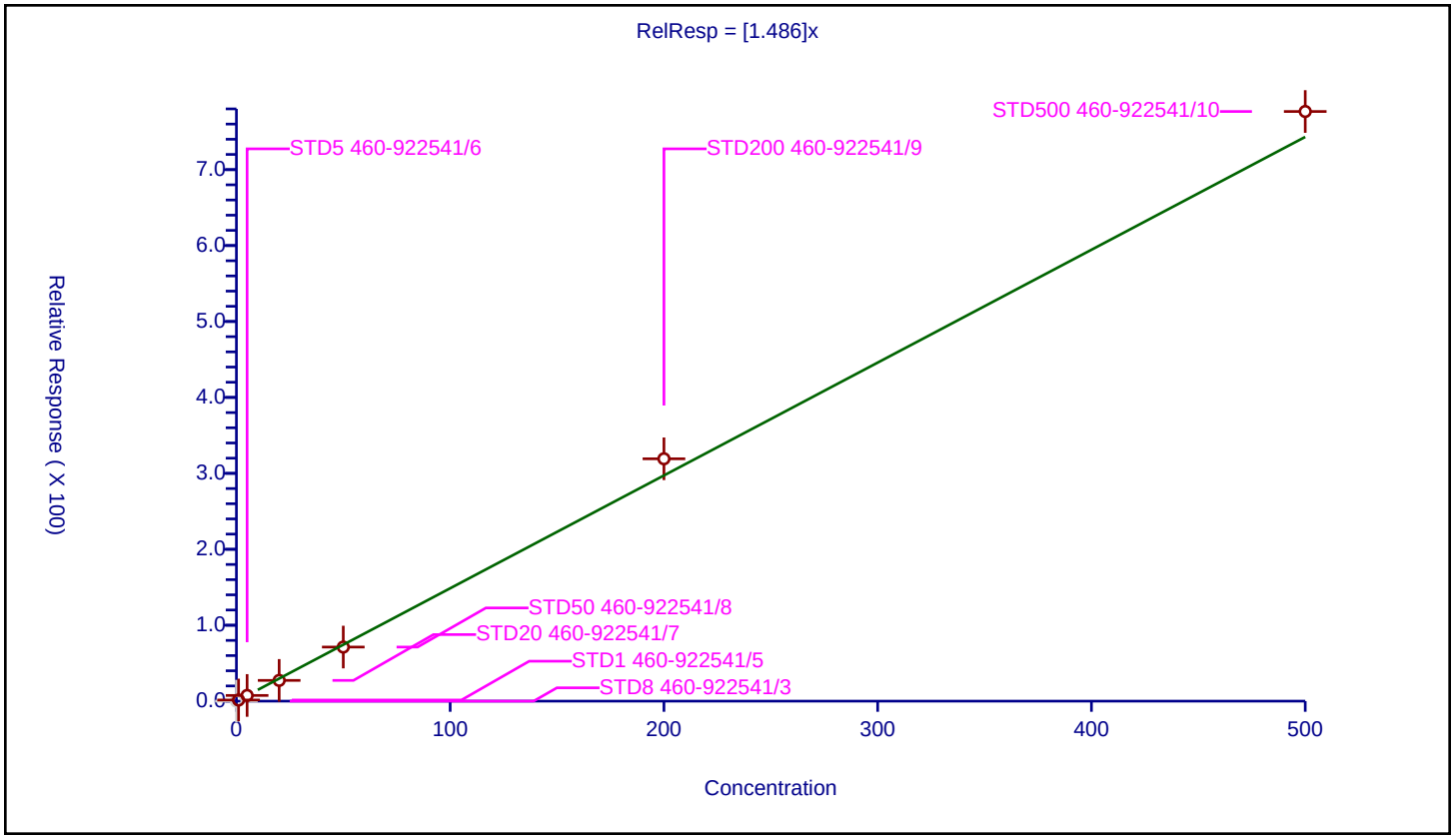
Curve Coefficients

Intercept:	0
Slope:	1.486

Error Coefficients

Standard Error:	4240000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.481955	50.0	495629.0	1.481955	Y
3	STD5 460-922541/6	5.0	7.481435	50.0	458261.0	1.496287	Y
4	STD20 460-922541/7	20.0	27.303799	50.0	515518.0	1.36519	Y
5	STD50 460-922541/8	50.0	71.220136	50.0	524966.0	1.424403	Y
6	STD200 460-922541/9	200.0	319.197622	50.0	505672.0	1.595988	Y
7	STD500 460-922541/10	500.0	776.562896	50.0	571551.0	1.553126	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

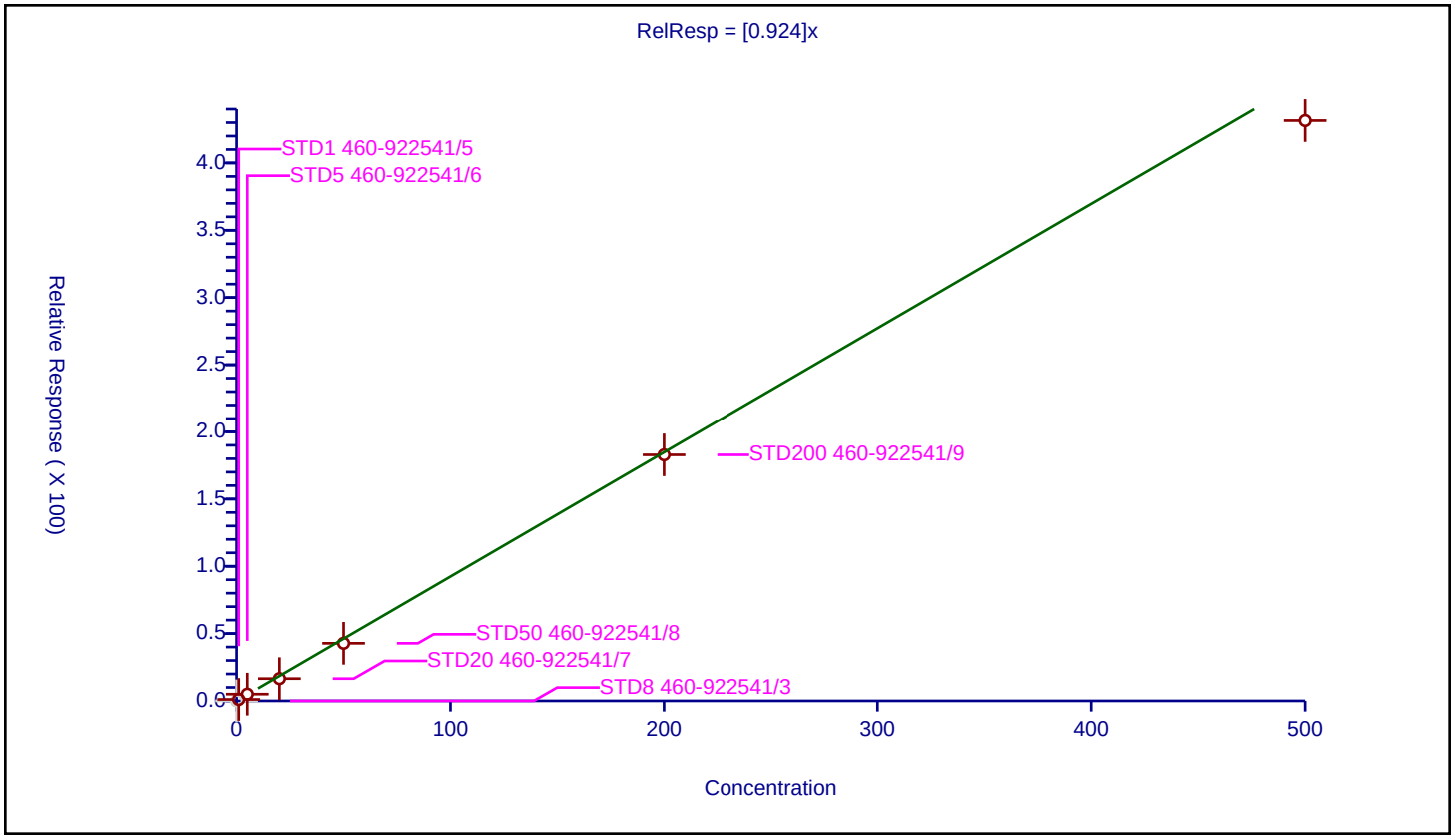
Curve Coefficients

Intercept:	0
Slope:	0.924

Error Coefficients

Standard Error:	2370000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.084682	50.0	495629.0	1.084682	Y
3	STD5 460-922541/6	5.0	5.00228	50.0	458261.0	1.000456	Y
4	STD20 460-922541/7	20.0	16.519016	50.0	515518.0	0.825951	Y
5	STD50 460-922541/8	50.0	42.77258	50.0	524966.0	0.855452	Y
6	STD200 460-922541/9	200.0	182.899192	50.0	505672.0	0.914496	Y
7	STD500 460-922541/10	500.0	431.538655	50.0	571551.0	0.863077	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

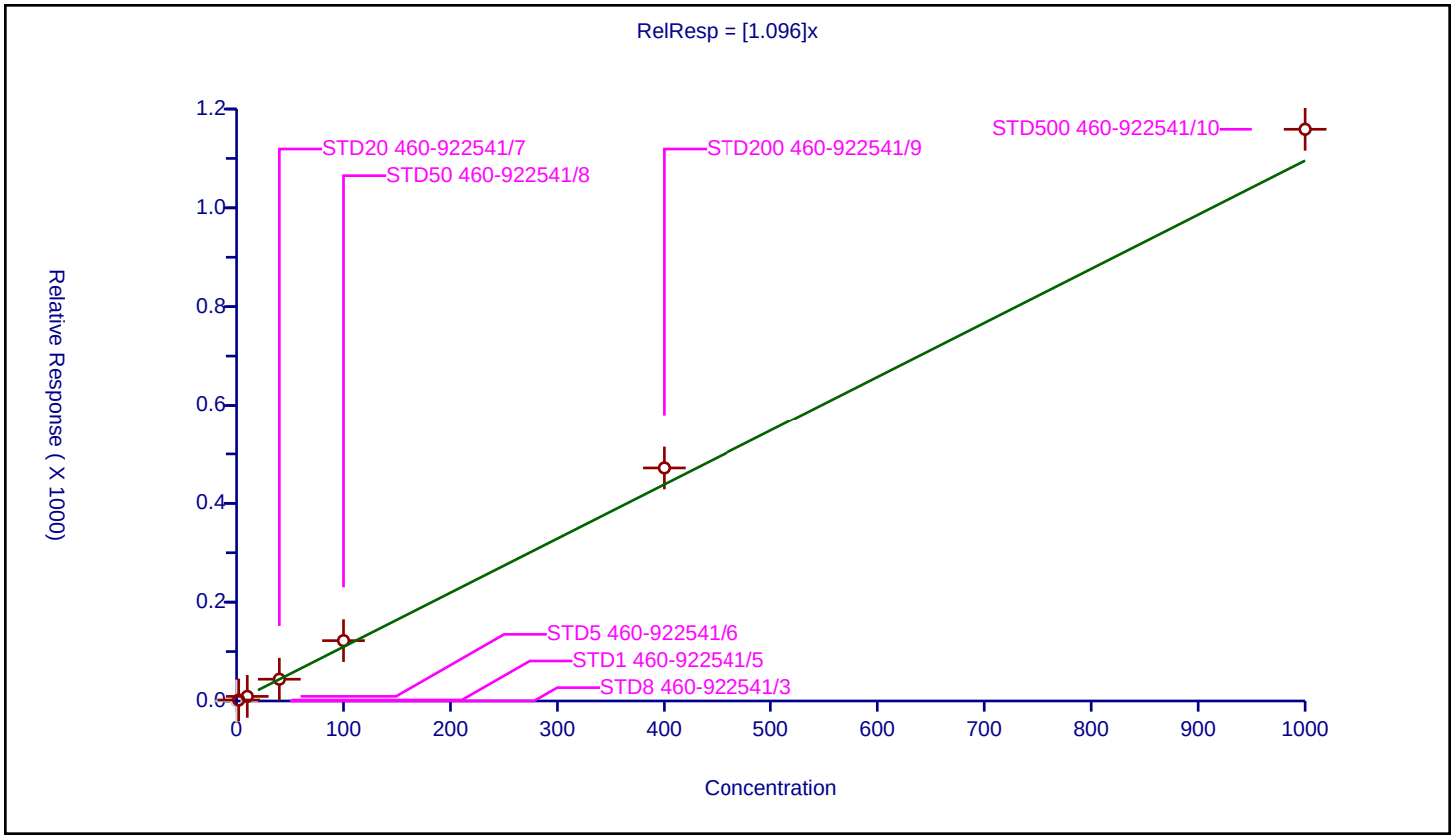
Curve Coefficients

Intercept:	0
Slope:	1.096

Error Coefficients

Standard Error:	661000
Relative Standard Error:	10.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	2.0	1.961233	250.0	214151.0	0.980616	Y
3	STD5 460-922541/6	10.0	9.324766	250.0	194777.0	0.932477	Y
4	STD20 460-922541/7	40.0	44.045707	250.0	241011.0	1.101143	Y
5	STD50 460-922541/8	100.0	122.139463	250.0	240995.0	1.221395	Y
6	STD200 460-922541/9	400.0	471.622505	250.0	261651.0	1.179056	Y
7	STD500 460-922541/10	1000.0	1159.007743	250.0	299509.0	1.159008	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

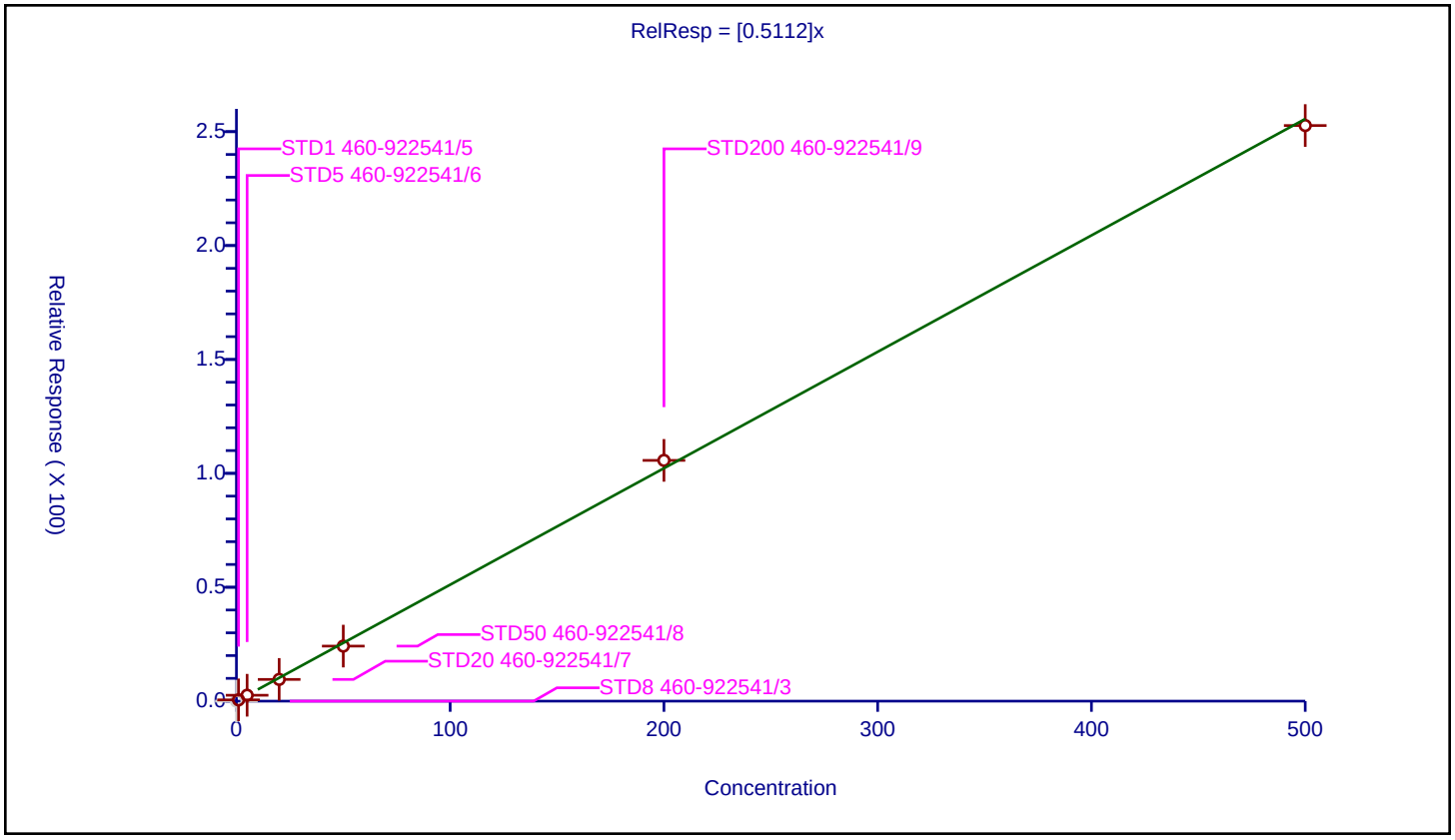
Curve Coefficients

Intercept:	0
Slope:	0.5112

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.555859	50.0	495629.0	0.555859	Y
3	STD5 460-922541/6	5.0	2.585535	50.0	458261.0	0.517107	Y
4	STD20 460-922541/7	20.0	9.539046	50.0	515518.0	0.476952	Y
5	STD50 460-922541/8	50.0	24.158803	50.0	524966.0	0.483176	Y
6	STD200 460-922541/9	200.0	105.693216	50.0	505672.0	0.528466	Y
7	STD500 460-922541/10	500.0	252.692673	50.0	571551.0	0.505385	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

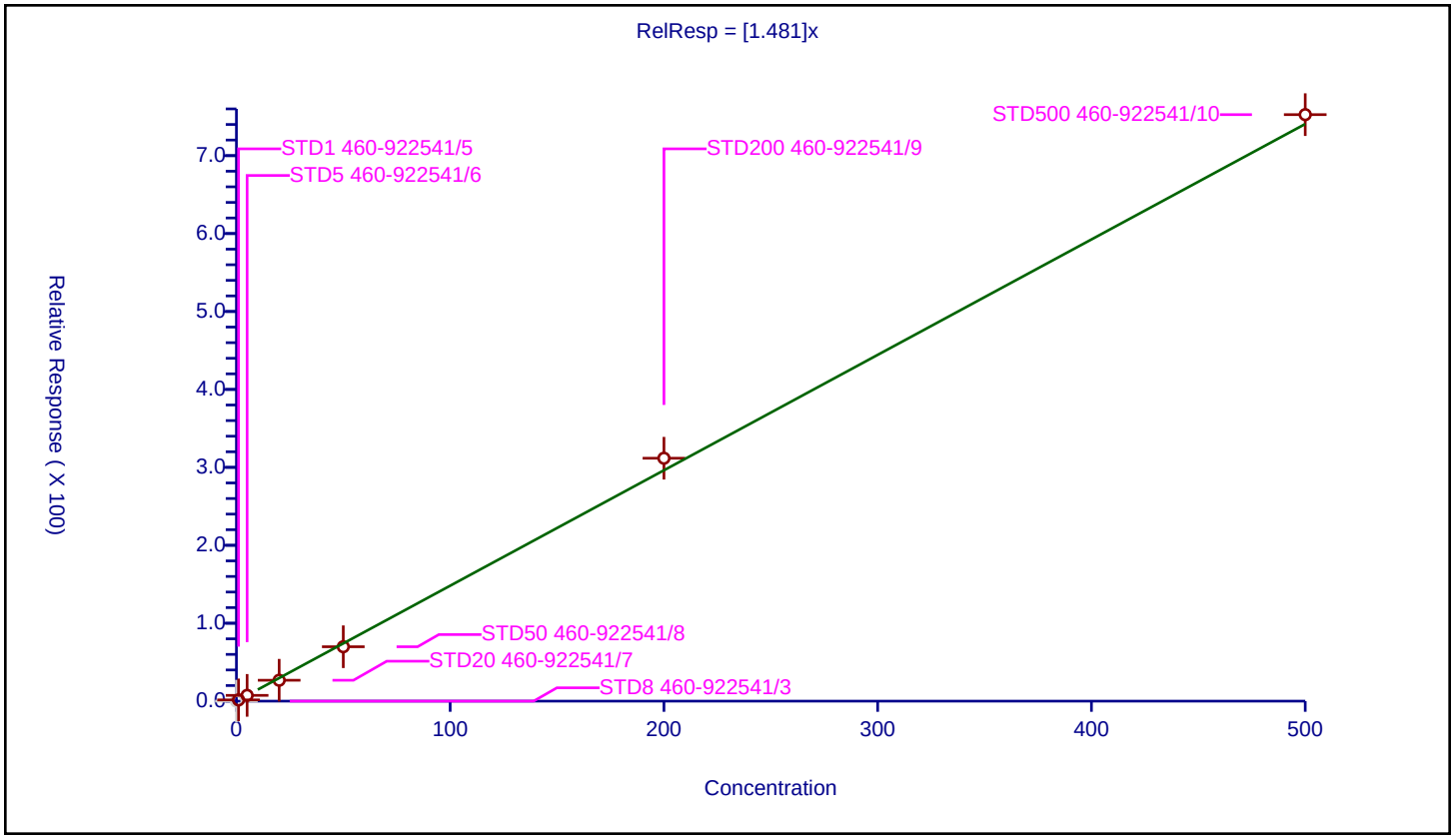
Curve Coefficients

Intercept:	0
Slope:	1.481

Error Coefficients

Standard Error:	4110000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.605435	50.0	495629.0	1.605435	Y
3	STD5 460-922541/6	5.0	7.407242	50.0	458261.0	1.481448	Y
4	STD20 460-922541/7	20.0	26.796058	50.0	515518.0	1.339803	Y
5	STD50 460-922541/8	50.0	69.823379	50.0	524966.0	1.396468	Y
6	STD200 460-922541/9	200.0	311.733297	50.0	505672.0	1.558666	Y
7	STD500 460-922541/10	500.0	752.628287	50.0	571551.0	1.505257	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

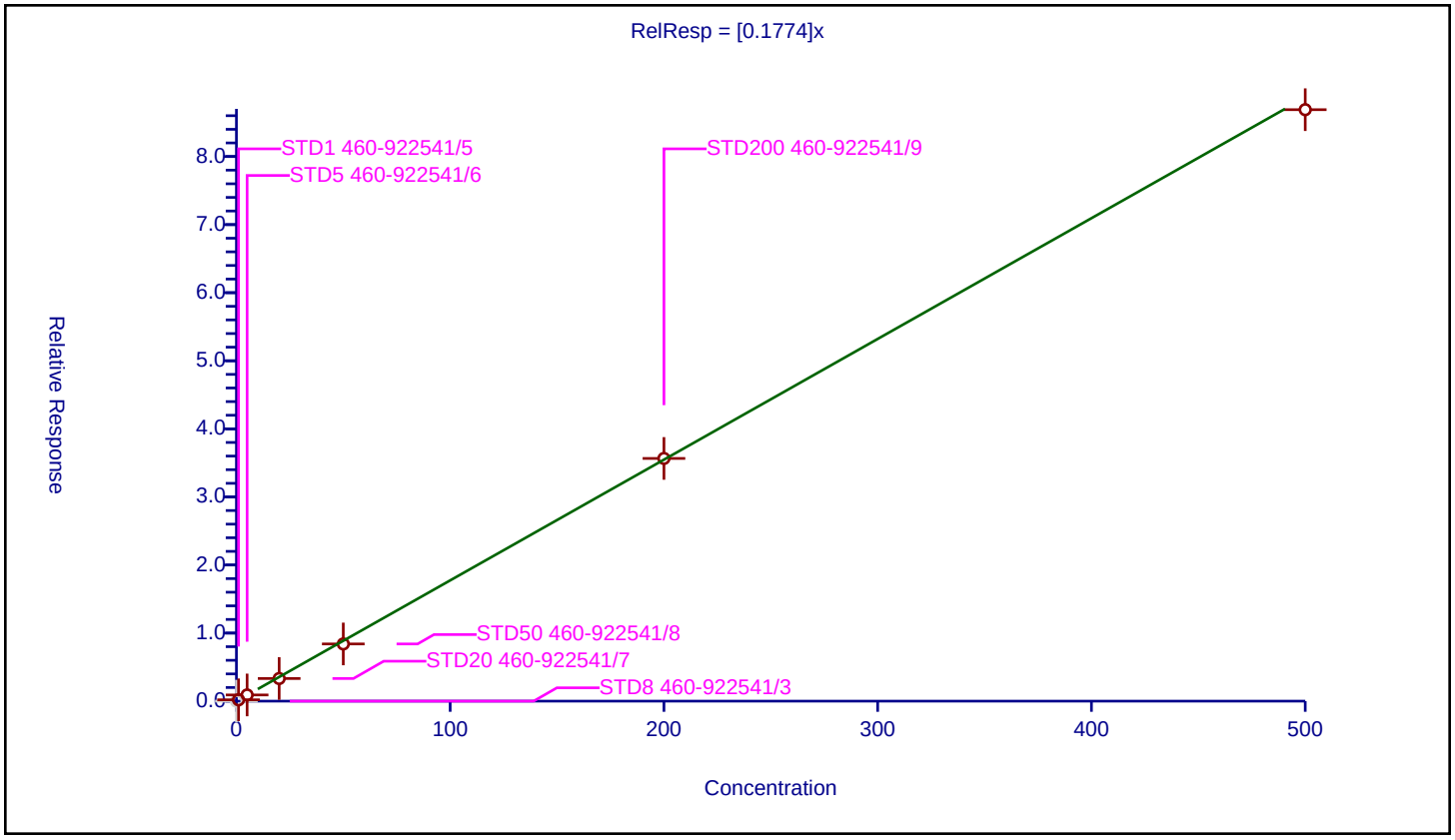
Curve Coefficients

Intercept:	0
Slope:	0.1774

Error Coefficients

Standard Error:	474000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.195812	50.0	495629.0	0.195812	Y
3	STD5 460-922541/6	5.0	0.91018	50.0	458261.0	0.182036	Y
4	STD20 460-922541/7	20.0	3.323841	50.0	515518.0	0.166192	Y
5	STD50 460-922541/8	50.0	8.403211	50.0	524966.0	0.168064	Y
6	STD200 460-922541/9	200.0	35.651865	50.0	505672.0	0.178259	Y
7	STD500 460-922541/10	500.0	86.884285	50.0	571551.0	0.173769	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

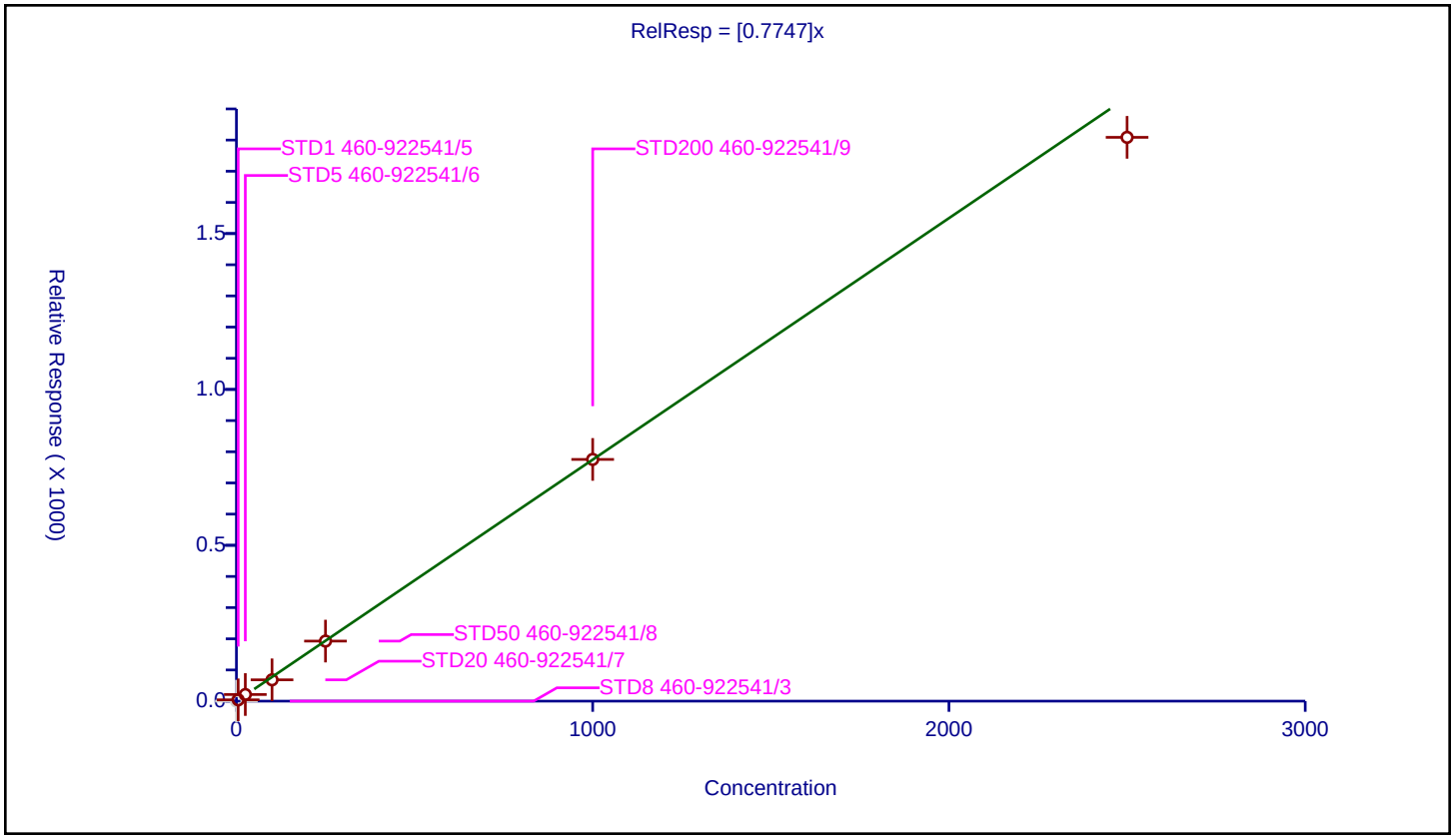
Curve Coefficients

Intercept:	0
Slope:	0.7747

Error Coefficients

Standard Error:	1040000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	5.0	4.235329	250.0	214151.0	0.847066	Y
3	STD5 460-922541/6	25.0	21.201169	250.0	194777.0	0.848047	Y
4	STD20 460-922541/7	100.0	68.37551	250.0	241011.0	0.683755	Y
5	STD50 460-922541/8	250.0	192.616029	250.0	240995.0	0.770464	Y
6	STD200 460-922541/9	1000.0	775.415534	250.0	261651.0	0.775416	Y
7	STD500 460-922541/10	2500.0	1808.71276	250.0	299509.0	0.723485	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

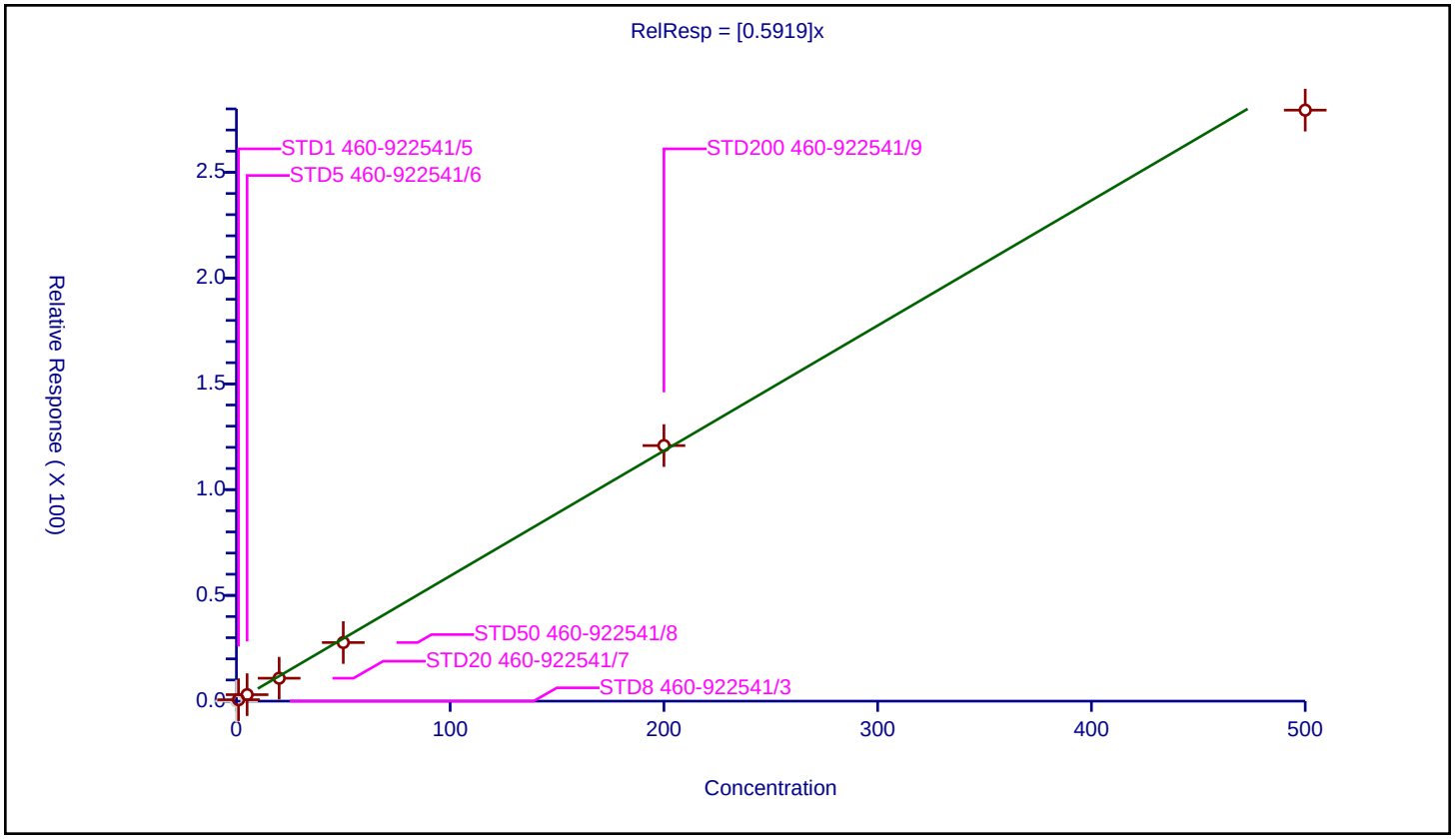
Curve Coefficients

Intercept:	0
Slope:	0.5919

Error Coefficients

Standard Error:	1540000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.678733	50.0	495629.0	0.678733	Y
3	STD5 460-922541/6	5.0	3.06692	50.0	458261.0	0.613384	Y
4	STD20 460-922541/7	20.0	10.838613	50.0	515518.0	0.541931	Y
5	STD50 460-922541/8	50.0	27.7137	50.0	524966.0	0.554274	Y
6	STD200 460-922541/9	200.0	120.8216	50.0	505672.0	0.604108	Y
7	STD500 460-922541/10	500.0	279.408749	50.0	571551.0	0.558817	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

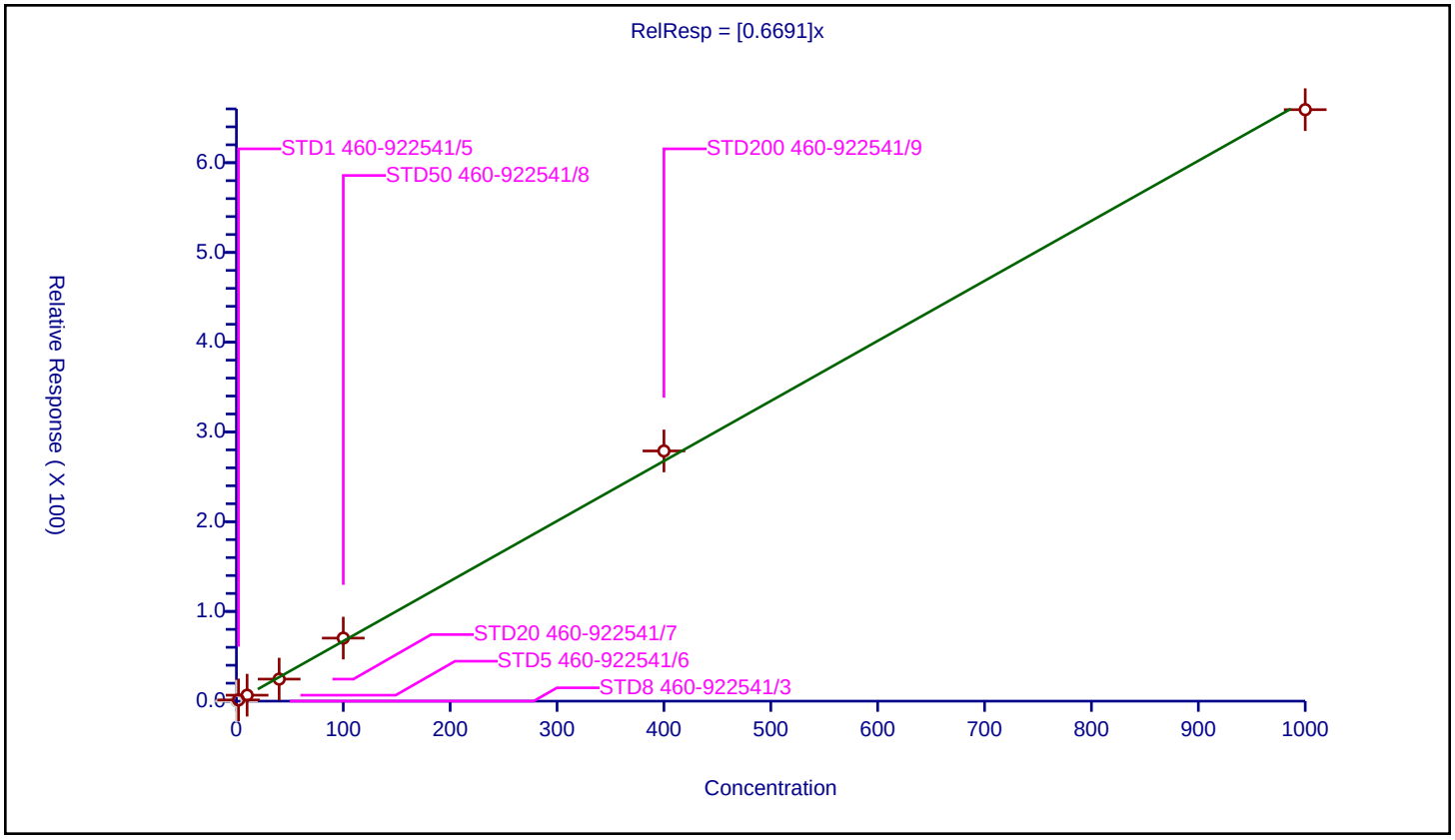
Curve Coefficients

Intercept:	0
Slope:	0.6691

Error Coefficients

Standard Error:	378000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	2.0	1.356519	250.0	214151.0	0.67826	Y
3	STD5 460-922541/6	10.0	6.63451	250.0	194777.0	0.663451	Y
4	STD20 460-922541/7	40.0	24.567343	250.0	241011.0	0.614184	Y
5	STD50 460-922541/8	100.0	70.232785	250.0	240995.0	0.702328	Y
6	STD200 460-922541/9	400.0	278.80268	250.0	261651.0	0.697007	Y
7	STD500 460-922541/10	1000.0	659.128774	250.0	299509.0	0.659129	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

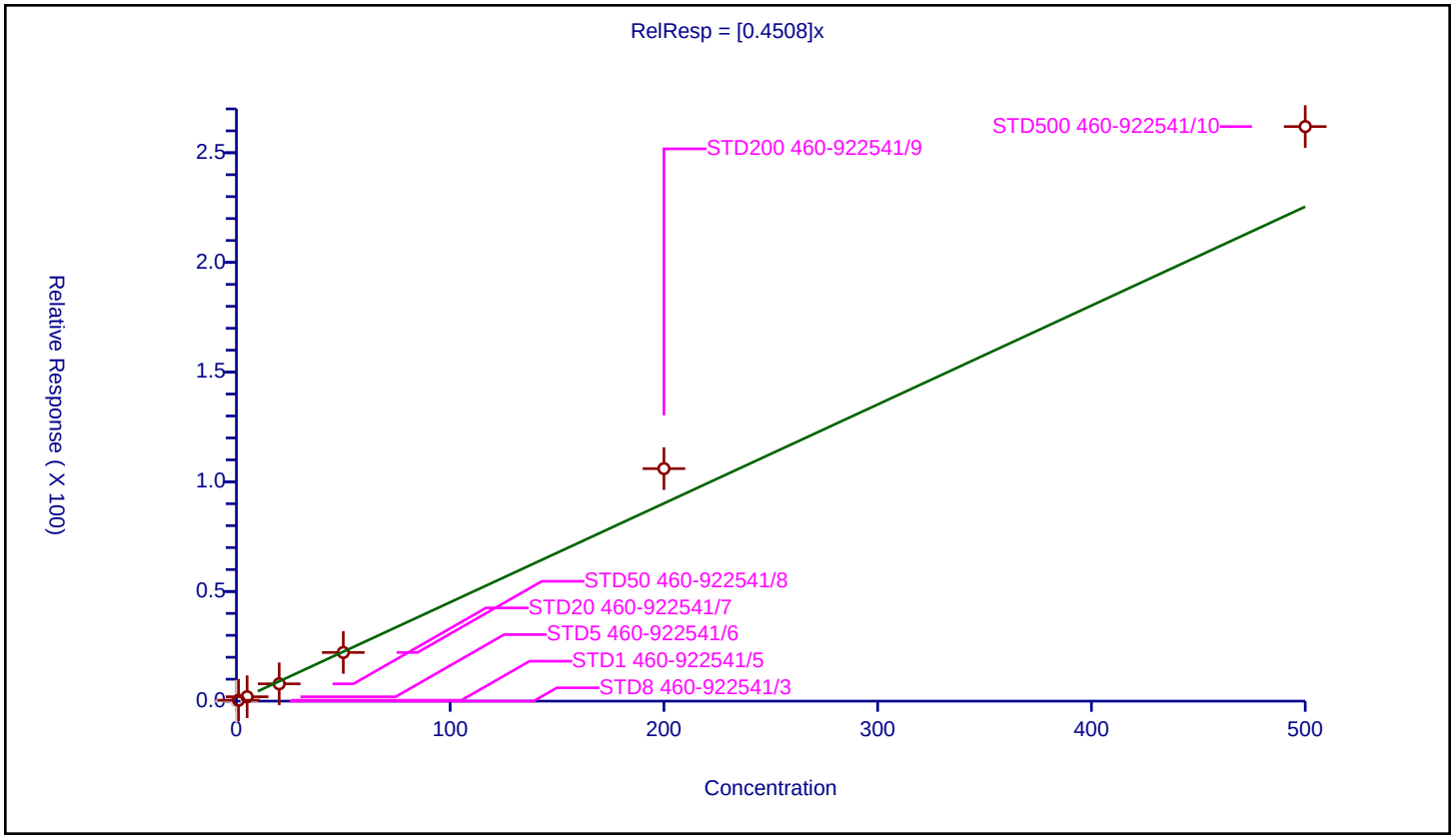
Curve Coefficients

Intercept:	0
Slope:	0.4508

Error Coefficients

Standard Error:	1430000
Relative Standard Error:	13.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.413212	50.0	495629.0	0.413212	Y
3	STD5 460-922541/6	5.0	2.000388	50.0	458261.0	0.400078	Y
4	STD20 460-922541/7	20.0	7.881102	50.0	515518.0	0.394055	Y
5	STD50 460-922541/8	50.0	22.184675	50.0	524966.0	0.443693	Y
6	STD200 460-922541/9	200.0	106.008836	50.0	505672.0	0.530044	Y
7	STD500 460-922541/10	500.0	261.932531	50.0	571551.0	0.523865	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

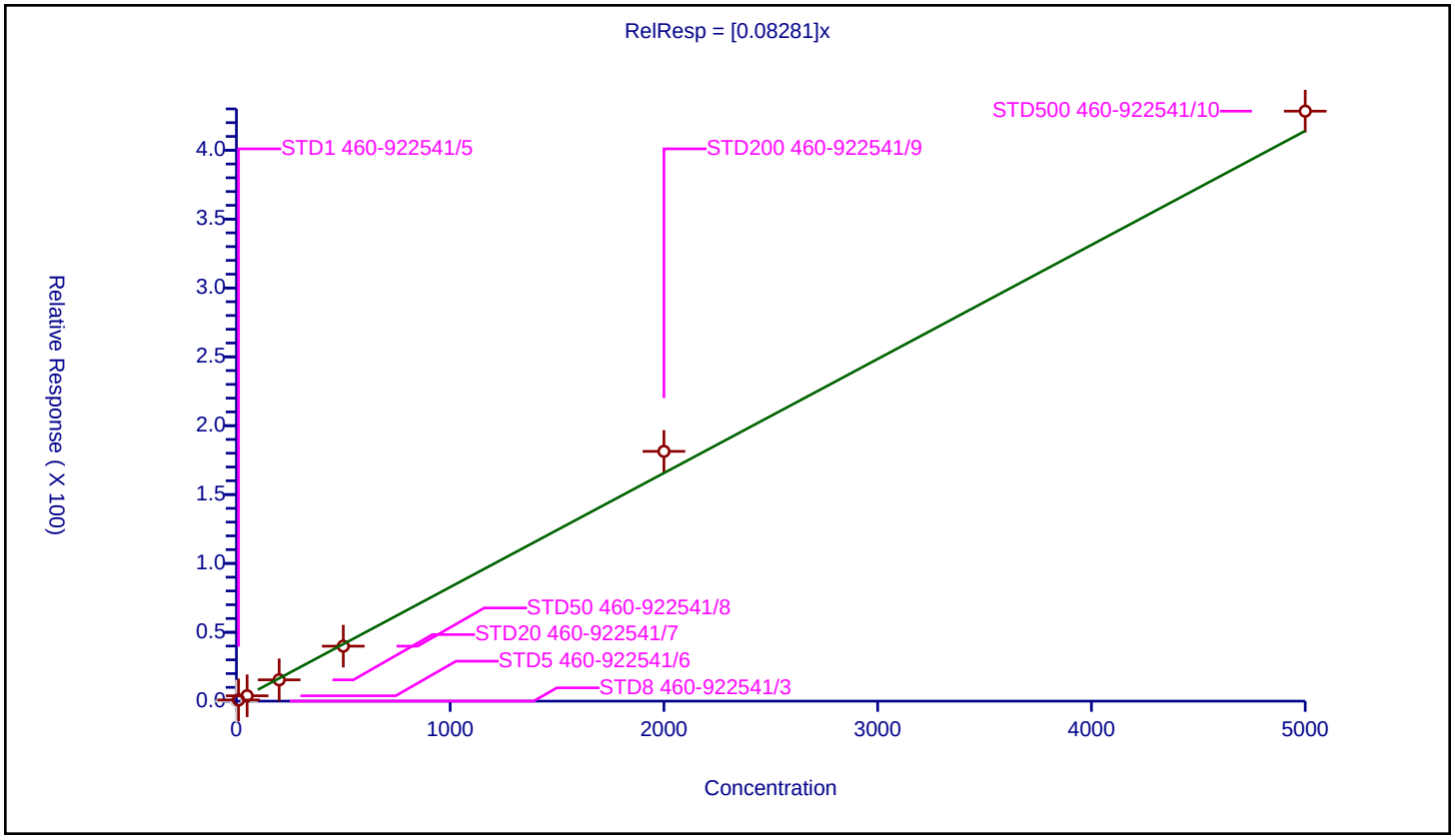
Curve Coefficients

Intercept:	0
Slope:	0.08281

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	10.0	0.851746	50.0	495629.0	0.085175	Y
3	STD5 460-922541/6	50.0	3.902034	50.0	458261.0	0.078041	Y
4	STD20 460-922541/7	200.0	15.488014	50.0	515518.0	0.07744	Y
5	STD50 460-922541/8	500.0	39.913728	50.0	524966.0	0.079827	Y
6	STD200 460-922541/9	2000.0	181.356986	50.0	505672.0	0.090678	Y
7	STD500 460-922541/10	5000.0	428.36431	50.0	571551.0	0.085673	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

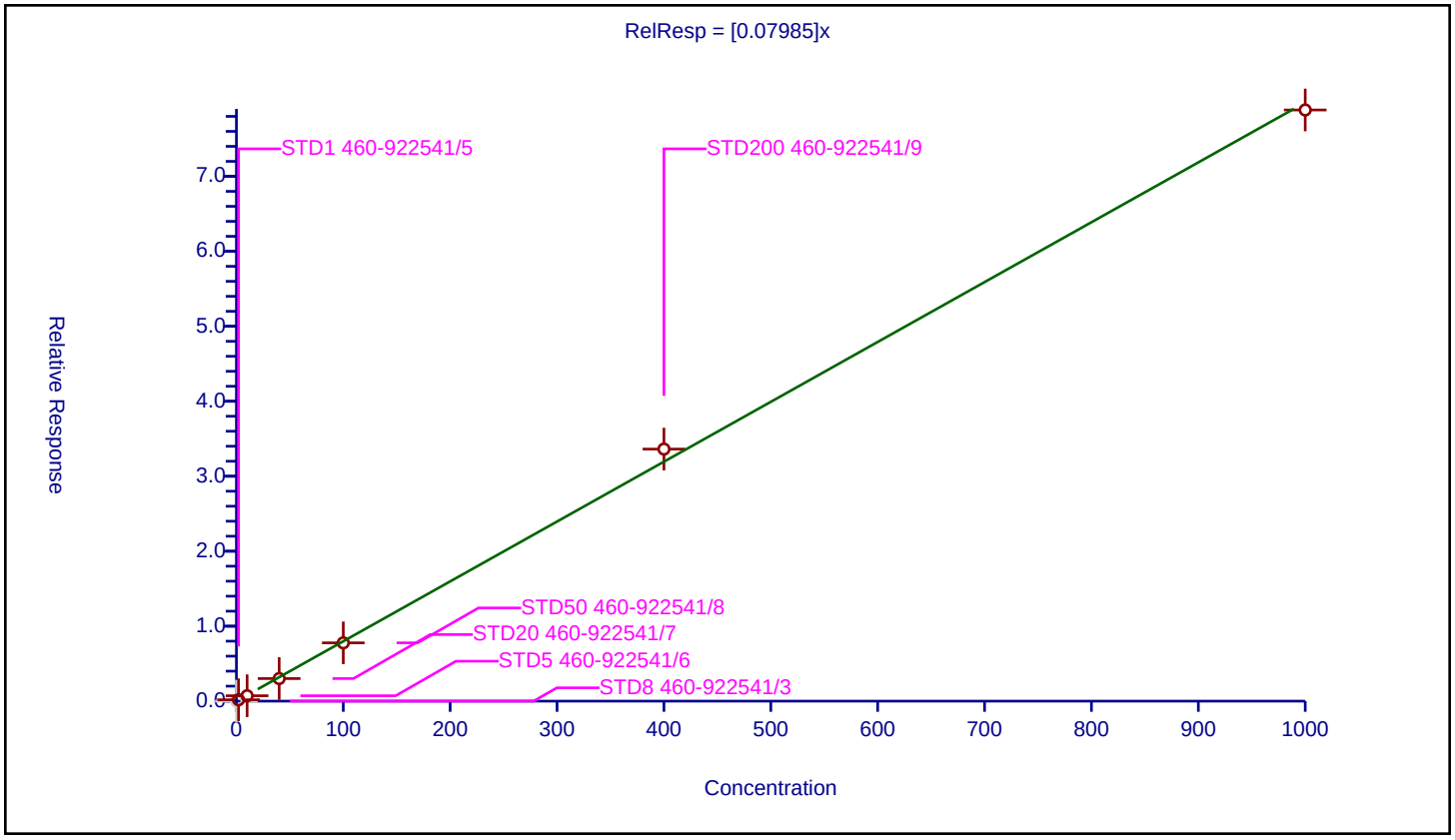
Curve Coefficients

Intercept:	0
Slope:	0.07985

Error Coefficients

Standard Error:	433000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	2.0	0.182092	50.0	495629.0	0.091046	Y
3	STD5 460-922541/6	10.0	0.720987	50.0	458261.0	0.072099	Y
4	STD20 460-922541/7	40.0	3.012019	50.0	515518.0	0.0753	Y
5	STD50 460-922541/8	100.0	7.774027	50.0	524966.0	0.07774	Y
6	STD200 460-922541/9	400.0	33.622091	50.0	505672.0	0.084055	Y
7	STD500 460-922541/10	1000.0	78.853681	50.0	571551.0	0.078854	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

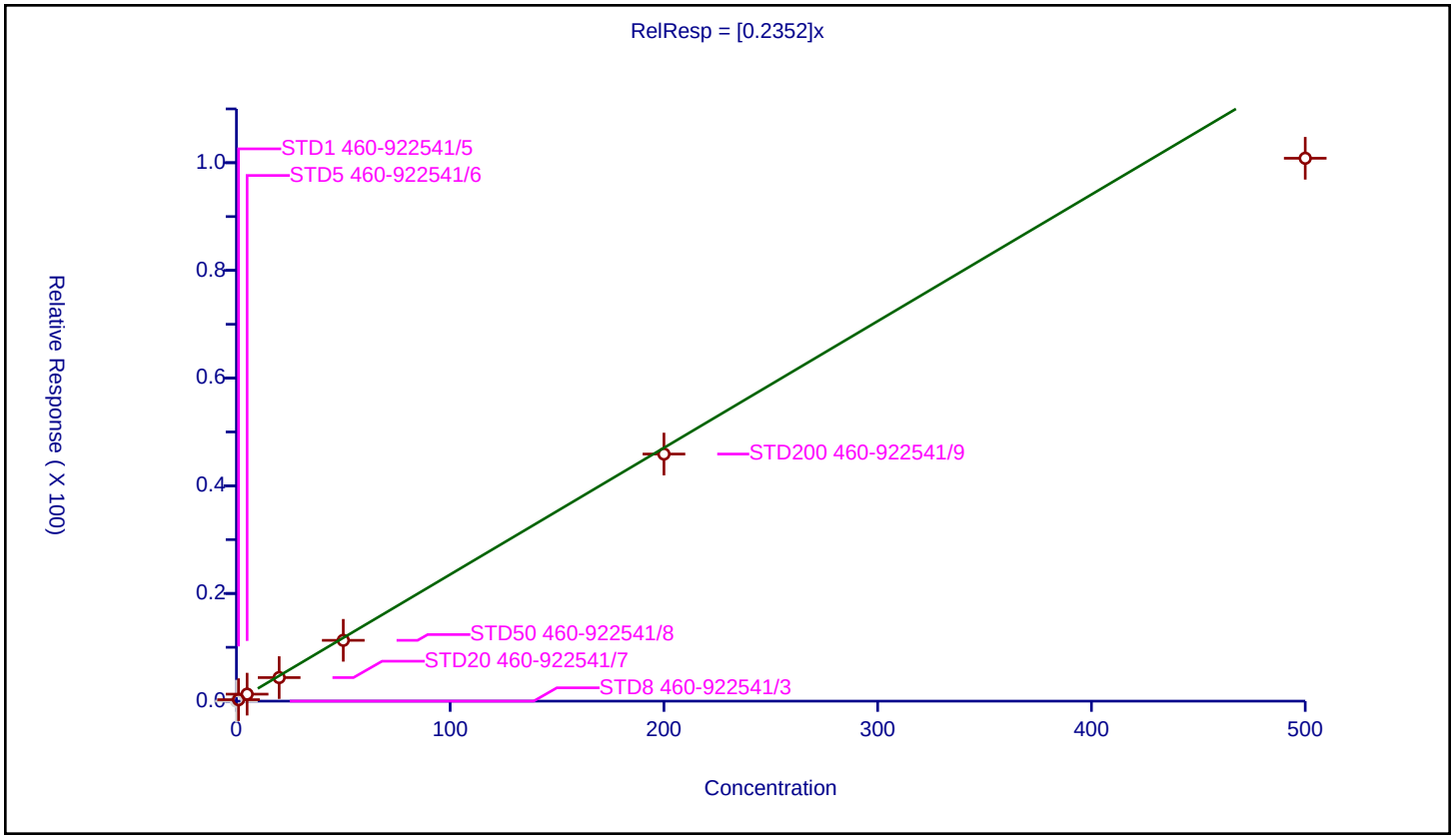
Curve Coefficients

Intercept:	0
Slope:	0.2352

Error Coefficients

Standard Error:	559000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.275811	50.0	495629.0	0.275811	Y
3	STD5 460-922541/6	5.0	1.299369	50.0	458261.0	0.259874	Y
4	STD20 460-922541/7	20.0	4.375114	50.0	515518.0	0.218756	Y
5	STD50 460-922541/8	50.0	11.294731	50.0	524966.0	0.225895	Y
6	STD200 460-922541/9	200.0	45.894869	50.0	505672.0	0.229474	Y
7	STD500 460-922541/10	500.0	100.829497	50.0	571551.0	0.201659	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

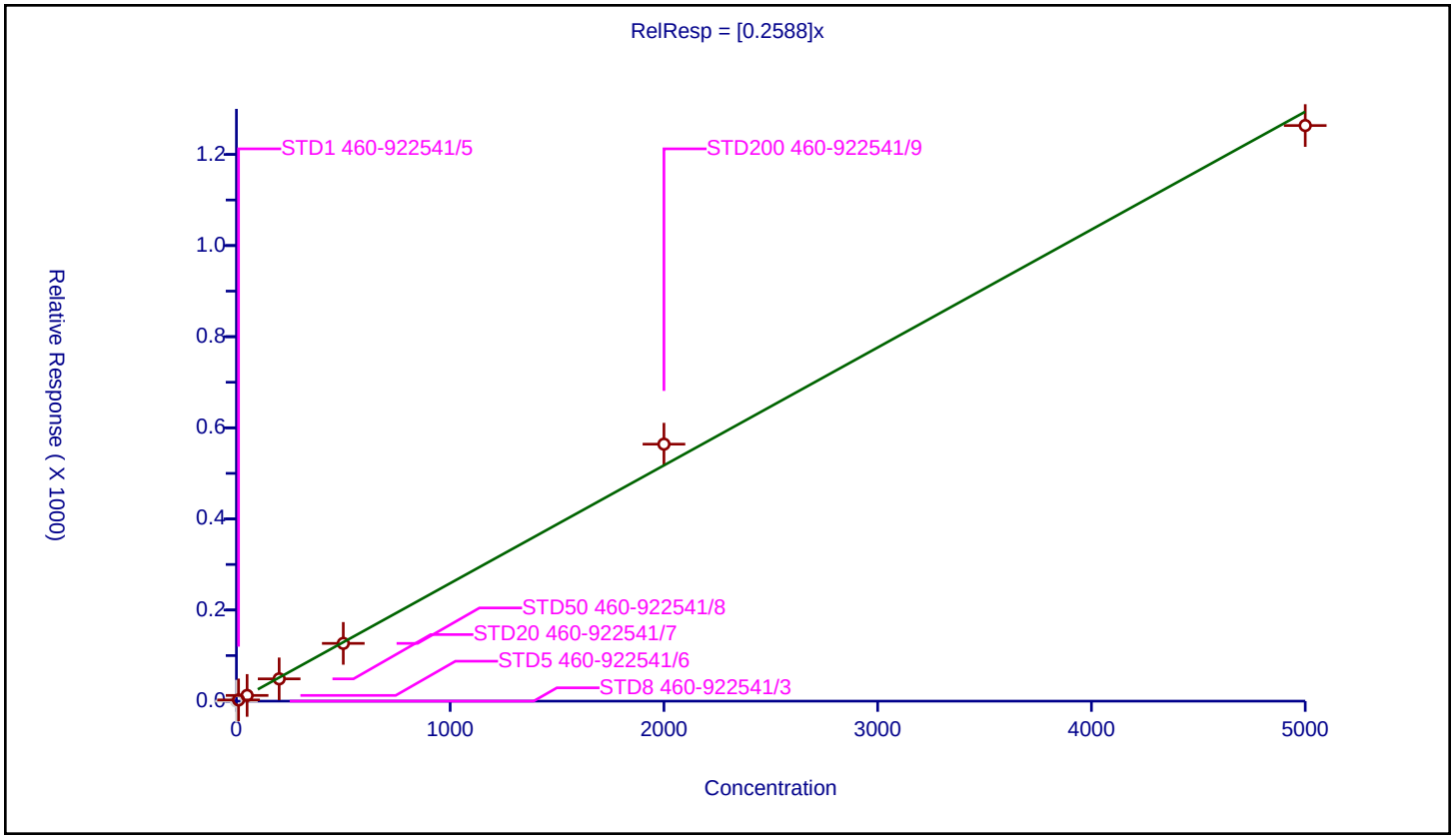
Curve Coefficients

Intercept:	0
Slope:	0.2588

Error Coefficients

Standard Error:	6970000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	10.0	2.687393	50.0	495629.0	0.268739	Y
3	STD5 460-922541/6	50.0	12.552126	50.0	458261.0	0.251043	Y
4	STD20 460-922541/7	200.0	48.908671	50.0	515518.0	0.244543	Y
5	STD50 460-922541/8	500.0	126.766781	50.0	524966.0	0.253534	Y
6	STD200 460-922541/9	2000.0	564.097478	50.0	505672.0	0.282049	Y
7	STD500 460-922541/10	5000.0	1263.447356	50.0	571551.0	0.252689	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

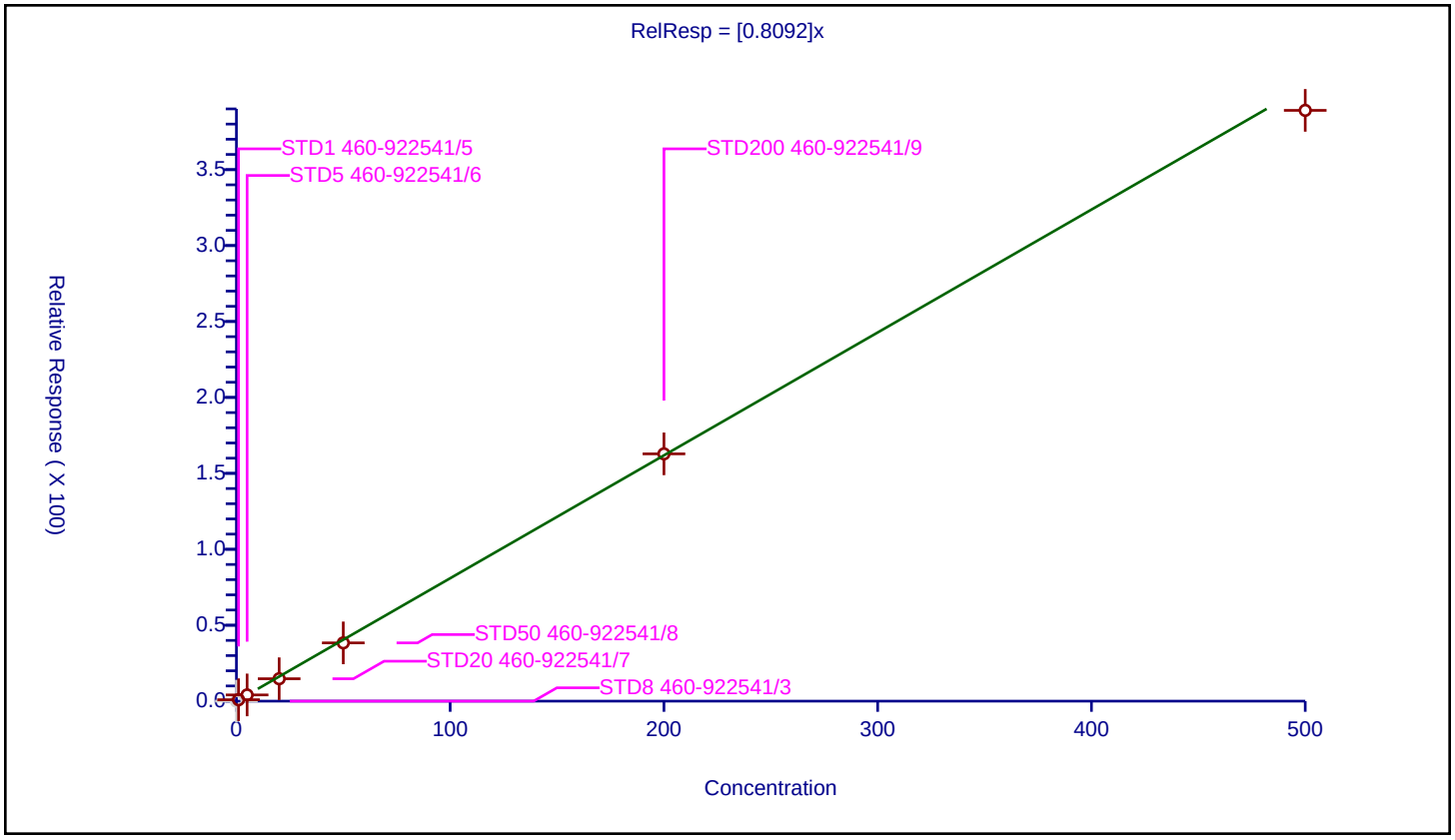
Curve Coefficients

Intercept:	0
Slope:	0.8092

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	8.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.940219	50.0	495629.0	0.940219	Y
3	STD5 460-922541/6	5.0	4.089045	50.0	458261.0	0.817809	Y
4	STD20 460-922541/7	20.0	14.756905	50.0	515518.0	0.737845	Y
5	STD50 460-922541/8	50.0	38.357627	50.0	524966.0	0.767153	Y
6	STD200 460-922541/9	200.0	162.835593	50.0	505672.0	0.814178	Y
7	STD500 460-922541/10	500.0	389.016028	50.0	571551.0	0.778032	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

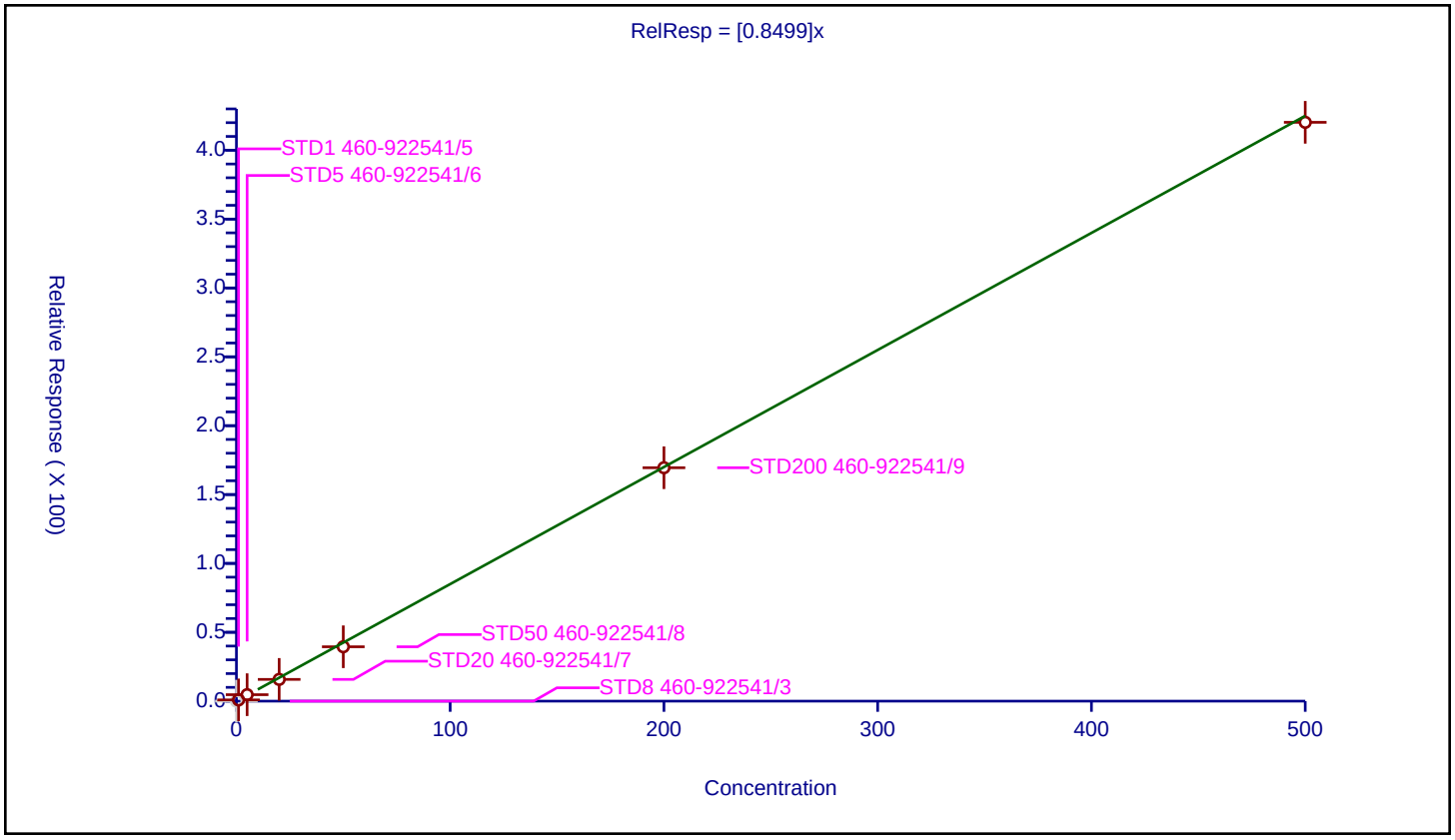
Curve Coefficients

Intercept:	0
Slope:	0.8499

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	6.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.894923	50.0	495629.0	0.894923	Y
3	STD5 460-922541/6	5.0	4.686958	50.0	458261.0	0.937392	Y
4	STD20 460-922541/7	20.0	15.786452	50.0	515518.0	0.789323	Y
5	STD50 460-922541/8	50.0	39.481033	50.0	524966.0	0.789621	Y
6	STD200 460-922541/9	200.0	169.469043	50.0	505672.0	0.847345	Y
7	STD500 460-922541/10	500.0	420.251736	50.0	571551.0	0.840503	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

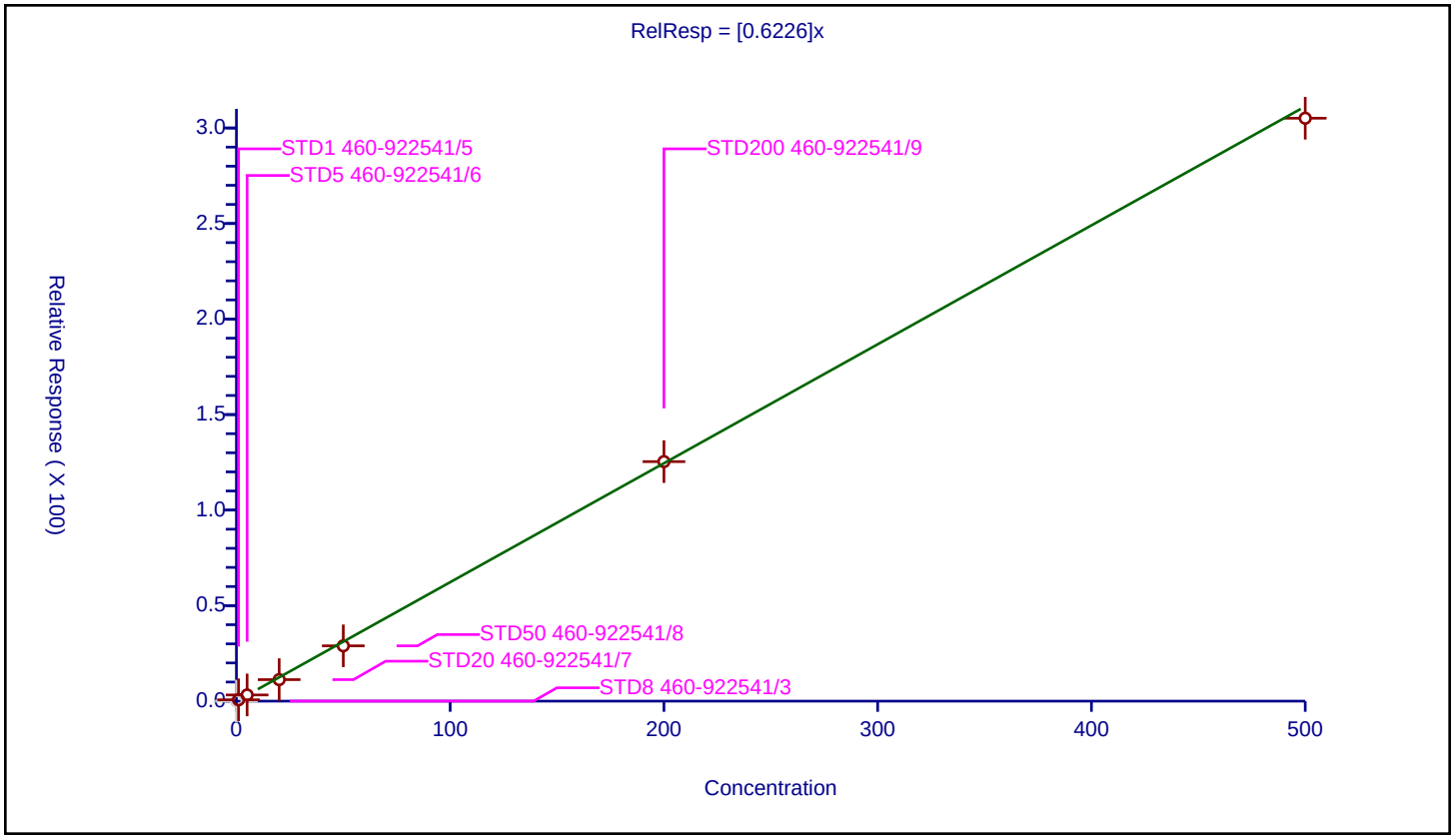
Curve Coefficients

Intercept:	0
Slope:	0.6226

Error Coefficients

Standard Error:	1670000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.7092	50.0	495629.0	0.7092	Y
3	STD5 460-922541/6	5.0	3.238438	50.0	458261.0	0.647688	Y
4	STD20 460-922541/7	20.0	11.252662	50.0	515518.0	0.562633	Y
5	STD50 460-922541/8	50.0	28.948732	50.0	524966.0	0.578975	Y
6	STD200 460-922541/9	200.0	125.375837	50.0	505672.0	0.626879	Y
7	STD500 460-922541/10	500.0	305.114504	50.0	571551.0	0.610229	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

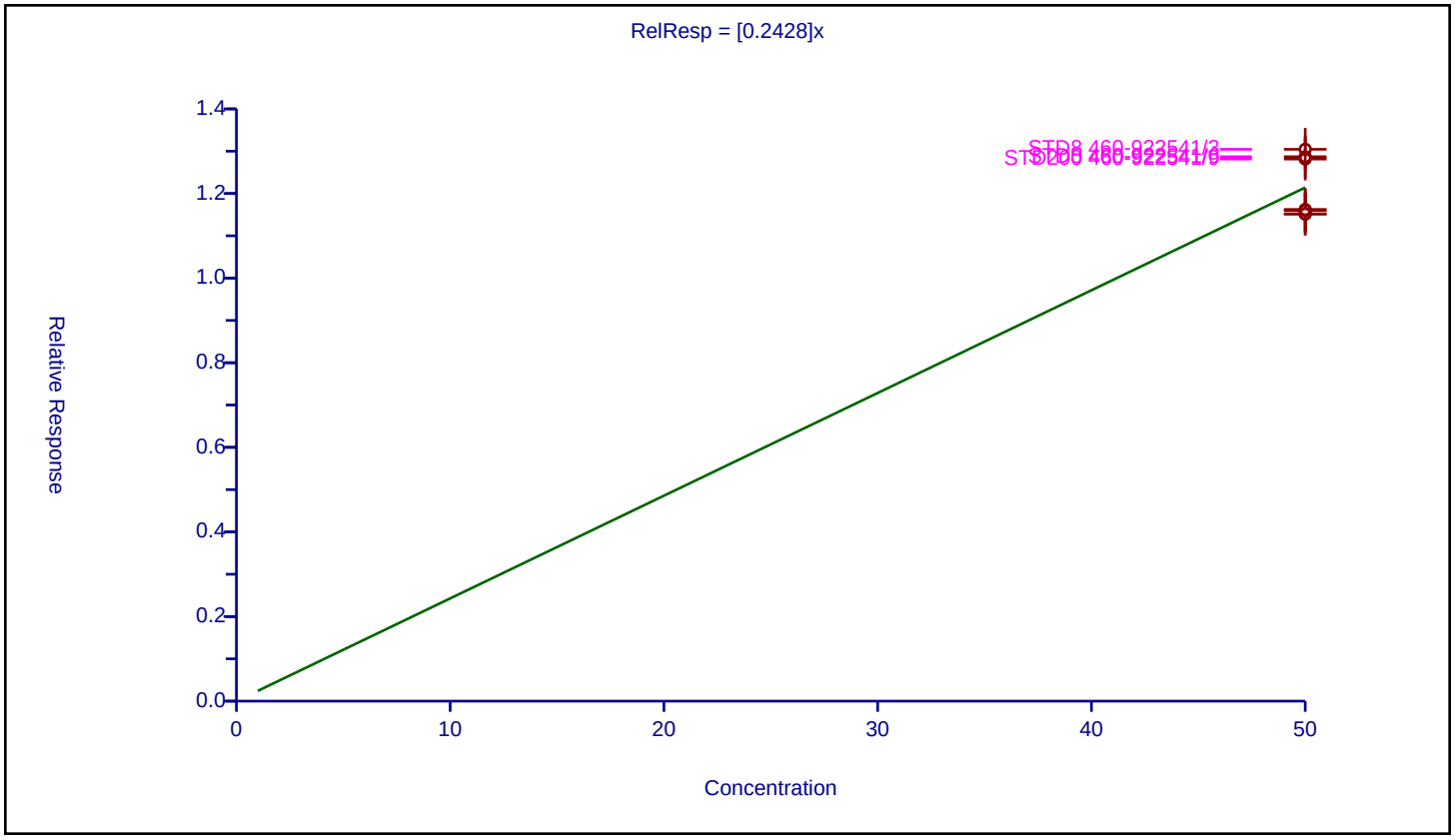
Curve Coefficients

Intercept:	0
Slope:	0.2428

Error Coefficients

Standard Error:	132000
Relative Standard Error:	6.0
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	50.0	13.044782	50.0	461928.0	0.260896	Y
2	STD1 460-922541/5	50.0	11.599604	50.0	495629.0	0.231992	Y
3	STD5 460-922541/6	50.0	12.869086	50.0	458261.0	0.257382	Y
4	STD20 460-922541/7	50.0	11.519966	50.0	515518.0	0.230399	Y
5	STD50 460-922541/8	50.0	11.513412	50.0	524966.0	0.230268	Y
6	STD200 460-922541/9	50.0	12.814235	50.0	505672.0	0.256285	Y
7	STD500 460-922541/10	50.0	11.623197	50.0	571551.0	0.232464	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

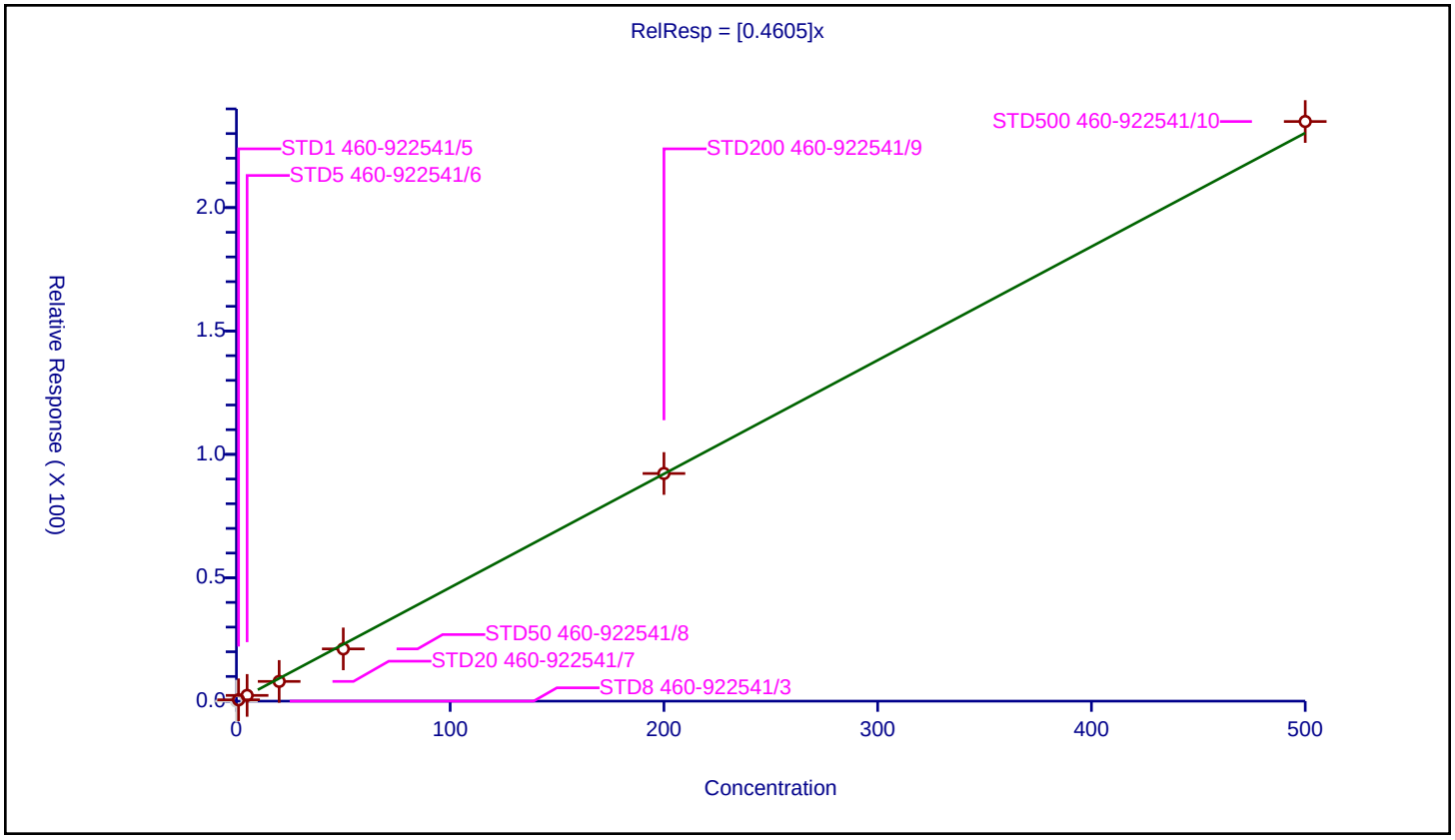
Curve Coefficients

Intercept:	0
Slope:	0.4605

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.54335	50.0	495629.0	0.54335	Y
3	STD5 460-922541/6	5.0	2.327276	50.0	458261.0	0.465455	Y
4	STD20 460-922541/7	20.0	7.990216	50.0	515518.0	0.399511	Y
5	STD50 460-922541/8	50.0	21.174895	50.0	524966.0	0.423498	Y
6	STD200 460-922541/9	200.0	92.258025	50.0	505672.0	0.46129	Y
7	STD500 460-922541/10	500.0	234.887788	50.0	571551.0	0.469776	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

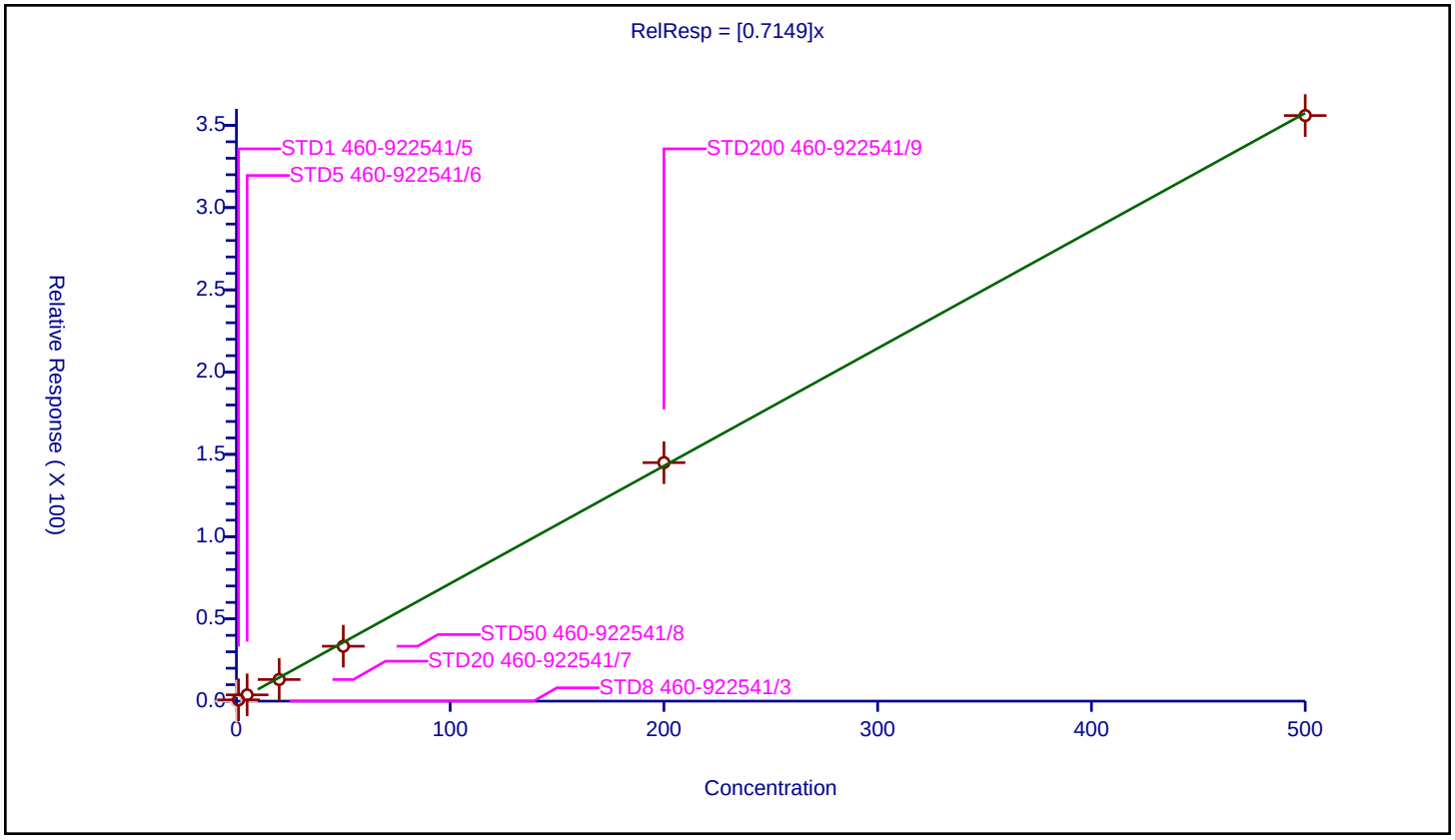
Curve Coefficients

Intercept:	0
Slope:	0.7149

Error Coefficients

Standard Error:	1940000
Relative Standard Error:	6.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.764988	50.0	495629.0	0.764988	Y
3	STD5 460-922541/6	5.0	3.817366	50.0	458261.0	0.763473	Y
4	STD20 460-922541/7	20.0	13.133198	50.0	515518.0	0.65666	Y
5	STD50 460-922541/8	50.0	33.370828	50.0	524966.0	0.667417	Y
6	STD200 460-922541/9	200.0	144.989638	50.0	505672.0	0.724948	Y
7	STD500 460-922541/10	500.0	355.946014	50.0	571551.0	0.711892	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

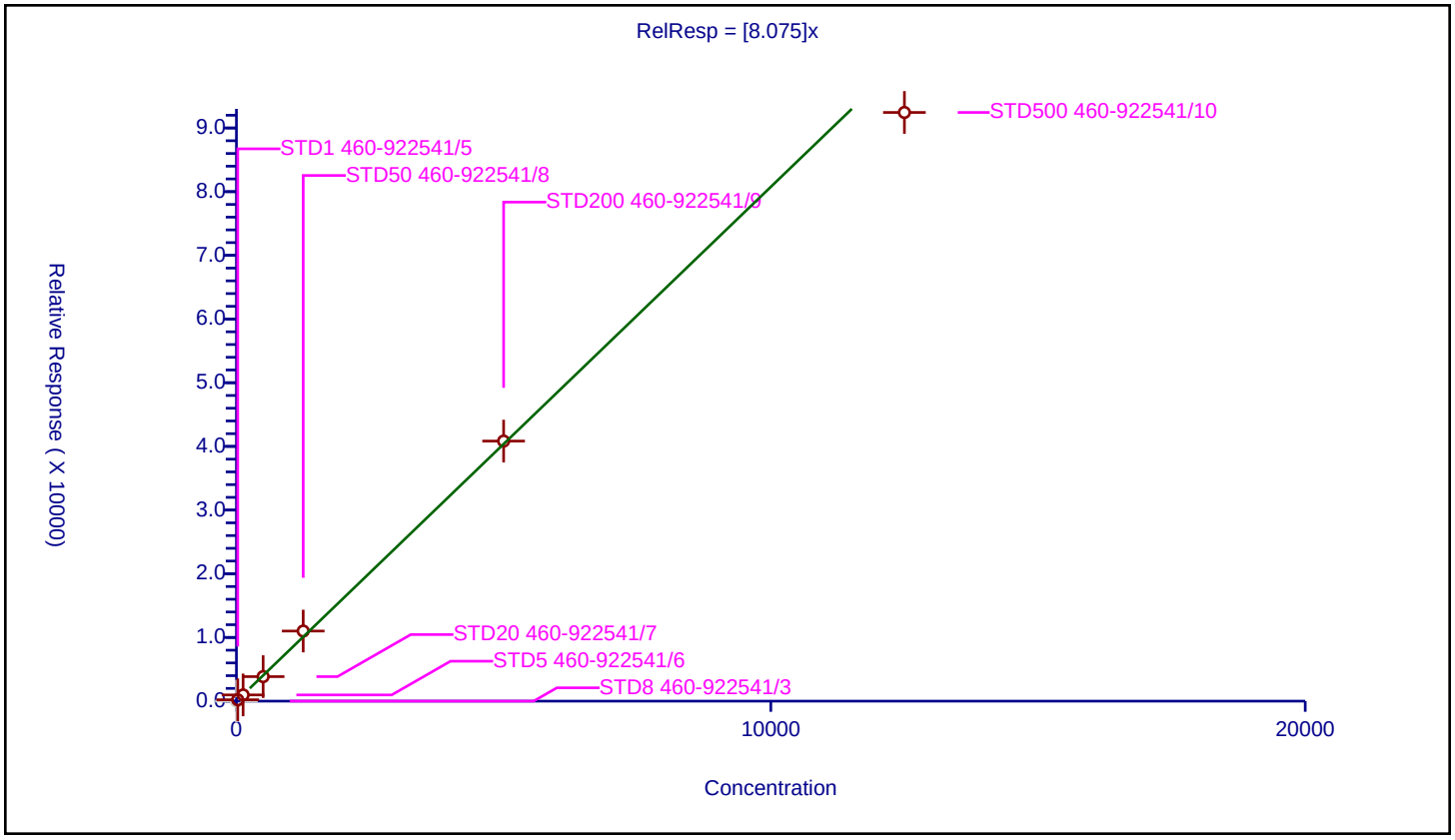
Curve Coefficients

Intercept:	0
Slope:	8.075

Error Coefficients

Standard Error:	2100000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	1000.0	25592.0	NaN	N
2	STD1 460-922541/5	25.0	214.030997	1000.0	29164.0	8.56124	Y
3	STD5 460-922541/6	125.0	977.506925	1000.0	27075.0	7.820055	Y
4	STD20 460-922541/7	500.0	3851.139645	1000.0	32554.0	7.702279	Y
5	STD50 460-922541/8	1250.0	11007.618334	1000.0	32028.0	8.806095	Y
6	STD200 460-922541/9	5000.0	40839.676269	1000.0	41516.0	8.167935	Y
7	STD500 460-922541/10	12500.0	92439.159018	1000.0	48372.0	7.395133	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

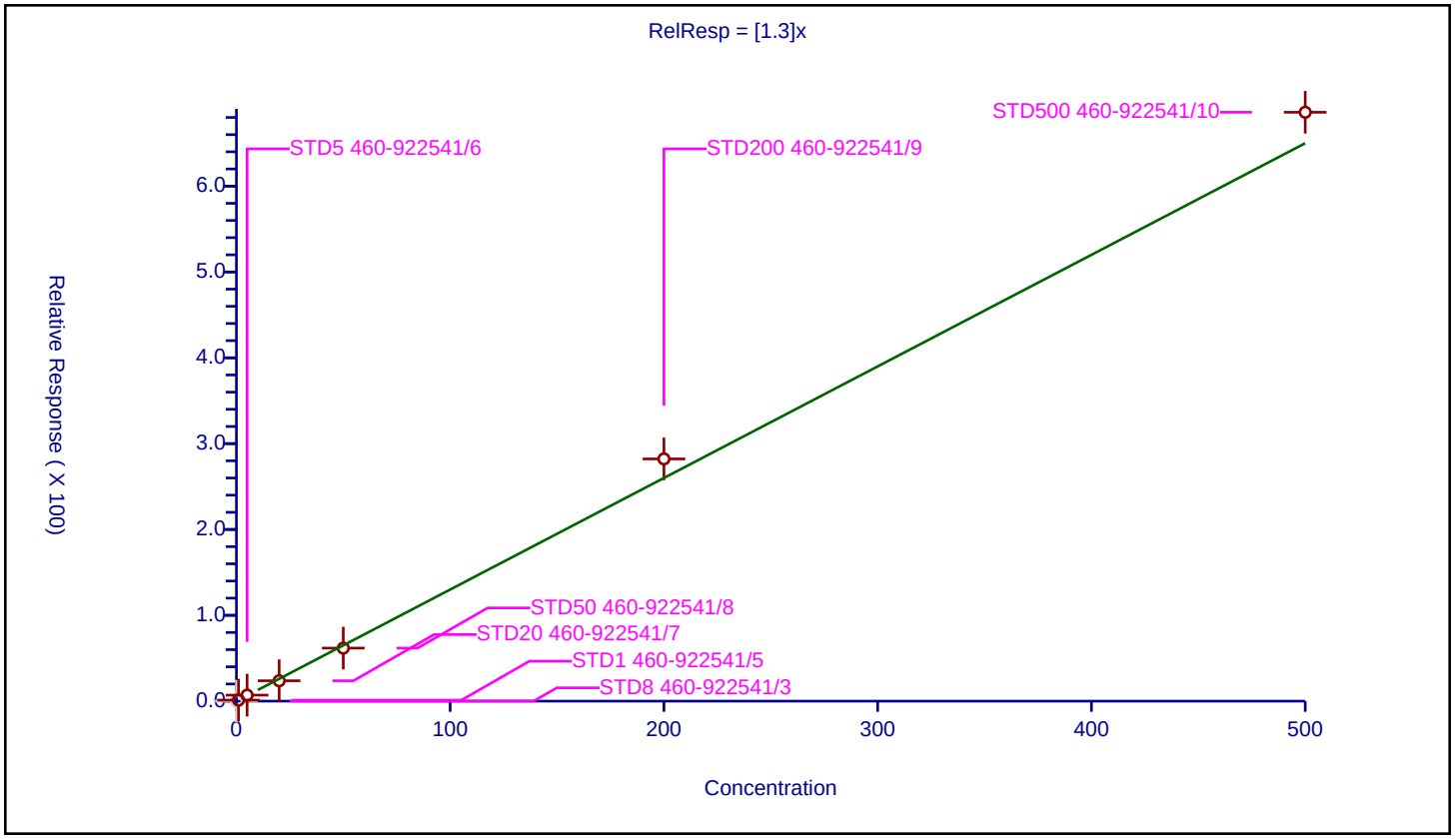
Curve Coefficients

Intercept:	0
Slope:	1.3

Error Coefficients

Standard Error:	3740000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.194543	50.0	495629.0	1.194543	Y
3	STD5 460-922541/6	5.0	6.992522	50.0	458261.0	1.398504	Y
4	STD20 460-922541/7	20.0	23.748346	50.0	515518.0	1.187417	Y
5	STD50 460-922541/8	50.0	61.795812	50.0	524966.0	1.235916	Y
6	STD200 460-922541/9	200.0	282.199331	50.0	505672.0	1.410997	Y
7	STD500 460-922541/10	500.0	686.048052	50.0	571551.0	1.372096	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

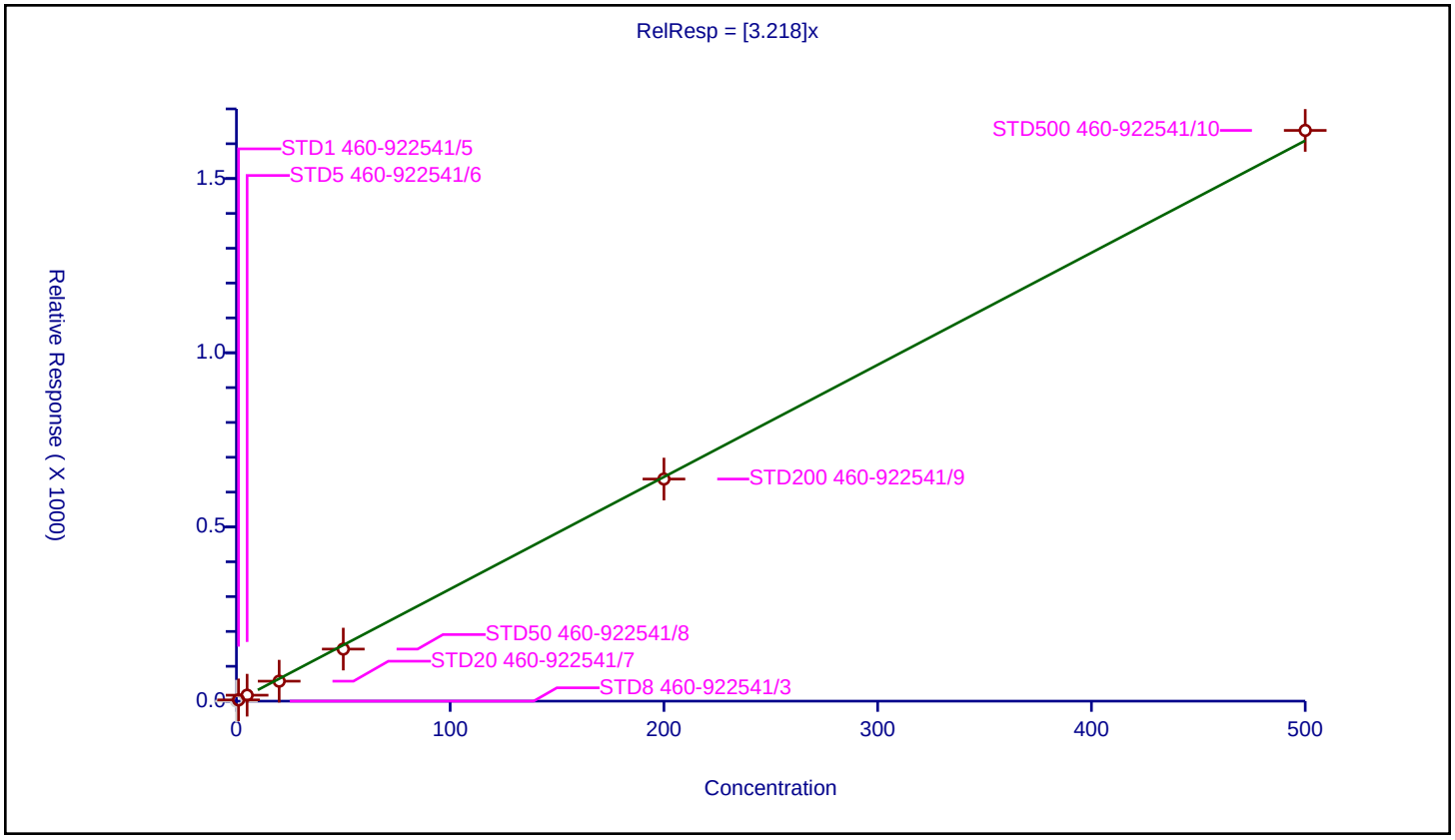
Curve Coefficients

Intercept:	0
Slope:	3.218

Error Coefficients

Standard Error:	6330000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	3.573148	50.0	363419.0	3.573148	Y
3	STD5 460-922541/6	5.0	17.077121	50.0	330325.0	3.415424	Y
4	STD20 460-922541/7	20.0	57.308845	50.0	385485.0	2.865442	Y
5	STD50 460-922541/8	50.0	149.413304	50.0	387850.0	2.988266	Y
6	STD200 460-922541/9	200.0	637.49594	50.0	378717.0	3.18748	Y
7	STD500 460-922541/10	500.0	1638.198702	50.0	404536.0	3.276397	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

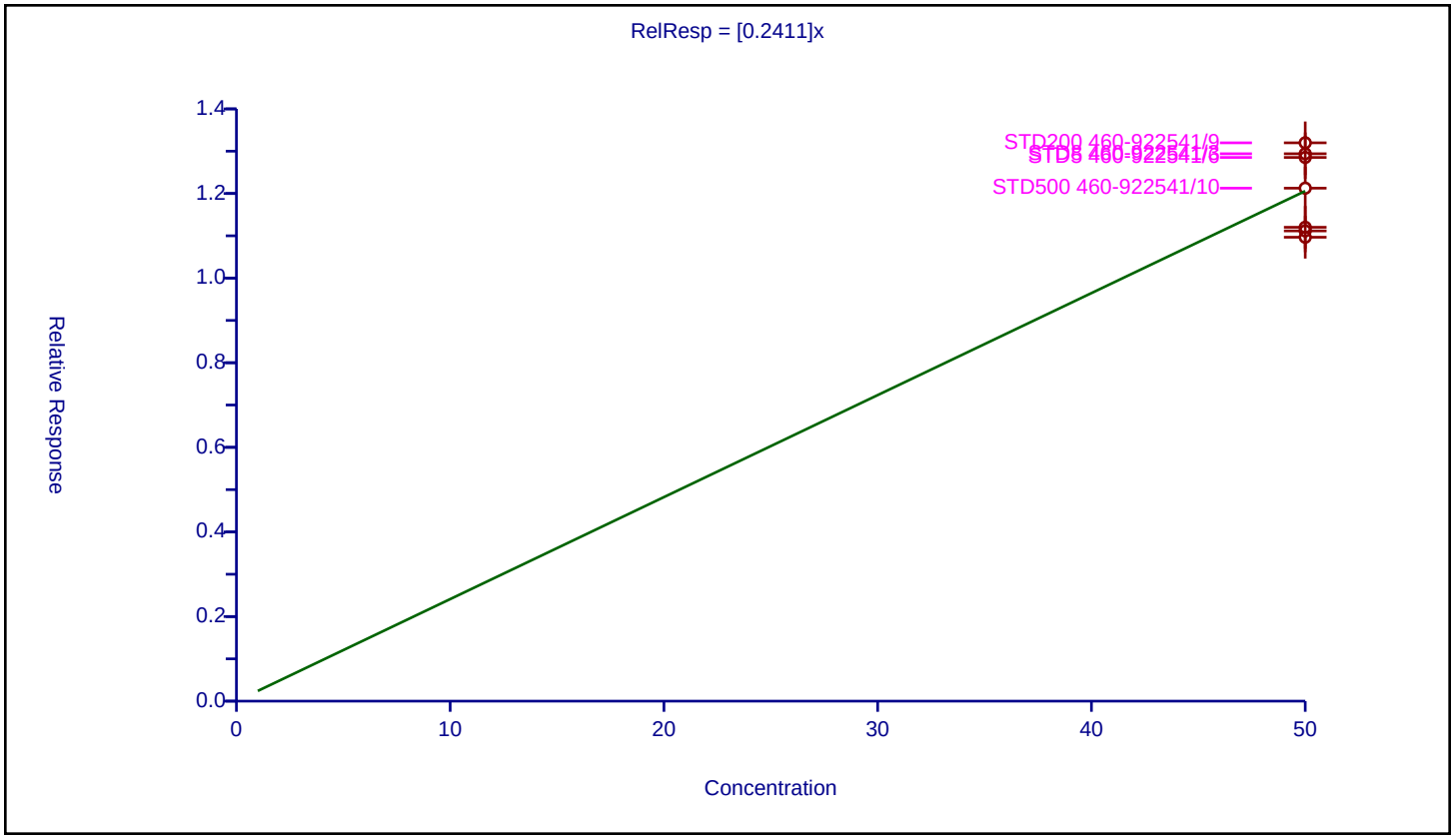
Curve Coefficients

Intercept:	0
Slope:	0.2411

Error Coefficients

Standard Error:	132000
Relative Standard Error:	8.0
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	50.0	12.939895	50.0	461928.0	0.258798	Y
2	STD1 460-922541/5	50.0	11.116077	50.0	495629.0	0.222322	Y
3	STD5 460-922541/6	50.0	12.852392	50.0	458261.0	0.257048	Y
4	STD20 460-922541/7	50.0	11.201452	50.0	515518.0	0.224029	Y
5	STD50 460-922541/8	50.0	10.966234	50.0	524966.0	0.219325	Y
6	STD200 460-922541/9	50.0	13.197587	50.0	505672.0	0.263952	Y
7	STD500 460-922541/10	50.0	12.125602	50.0	571551.0	0.242512	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

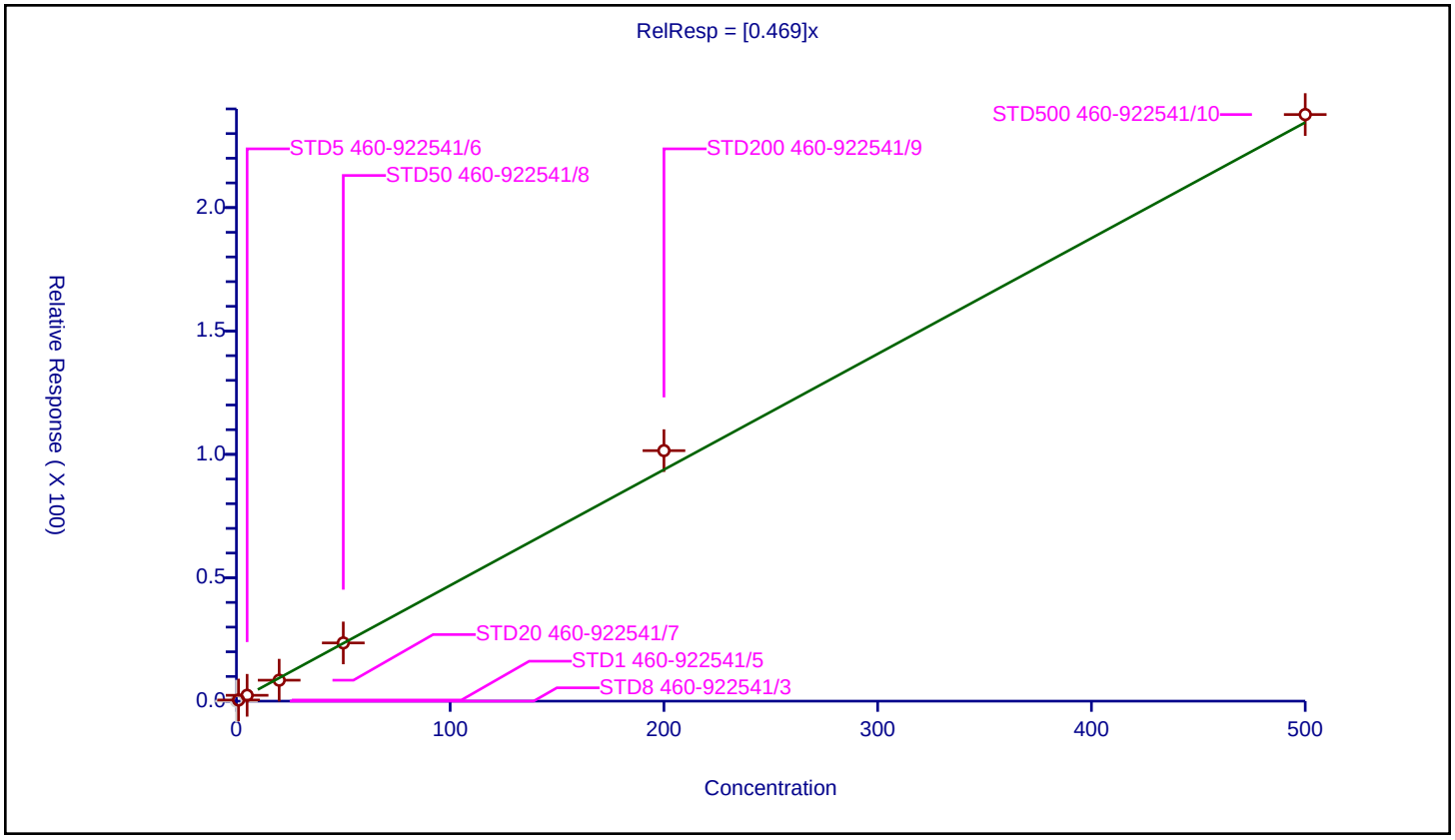
Curve Coefficients

Intercept:	0
Slope:	0.469

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.461434	50.0	495629.0	0.461434	Y
3	STD5 460-922541/6	5.0	2.367537	50.0	458261.0	0.473507	Y
4	STD20 460-922541/7	20.0	8.488161	50.0	515518.0	0.424408	Y
5	STD50 460-922541/8	50.0	23.588861	50.0	524966.0	0.471777	Y
6	STD200 460-922541/9	200.0	101.515014	50.0	505672.0	0.507575	Y
7	STD500 460-922541/10	500.0	237.708358	50.0	571551.0	0.475417	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

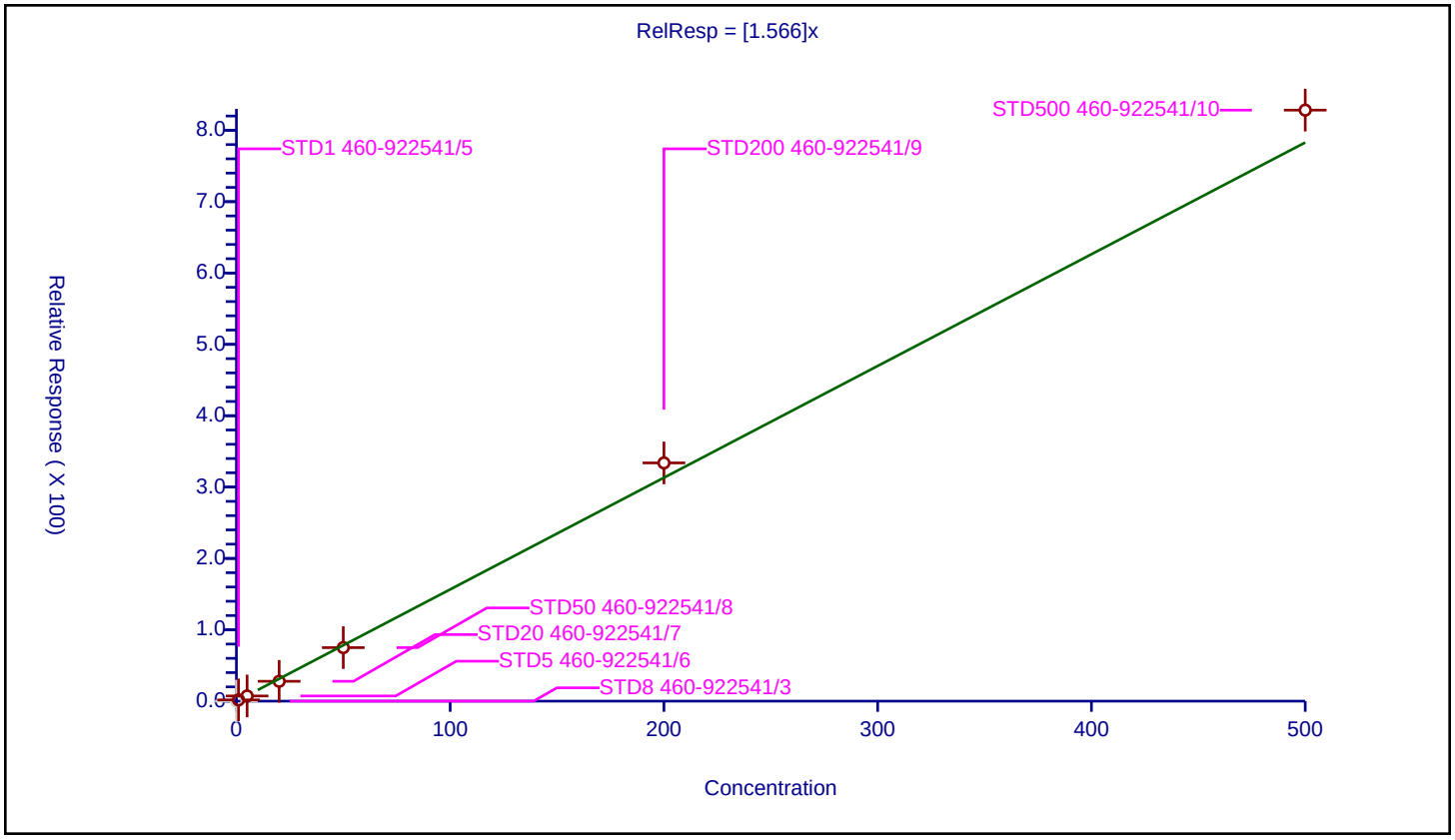
Curve Coefficients

Intercept:	0
Slope:	1.566

Error Coefficients

Standard Error:	4510000
Relative Standard Error:	8.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	1.724072	50.0	495629.0	1.724072	Y
3	STD5 460-922541/6	5.0	7.26802	50.0	458261.0	1.453604	Y
4	STD20 460-922541/7	20.0	27.813772	50.0	515518.0	1.390689	Y
5	STD50 460-922541/8	50.0	75.015715	50.0	524966.0	1.500314	Y
6	STD200 460-922541/9	200.0	333.872154	50.0	505672.0	1.669361	Y
7	STD500 460-922541/10	500.0	828.230902	50.0	571551.0	1.656462	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

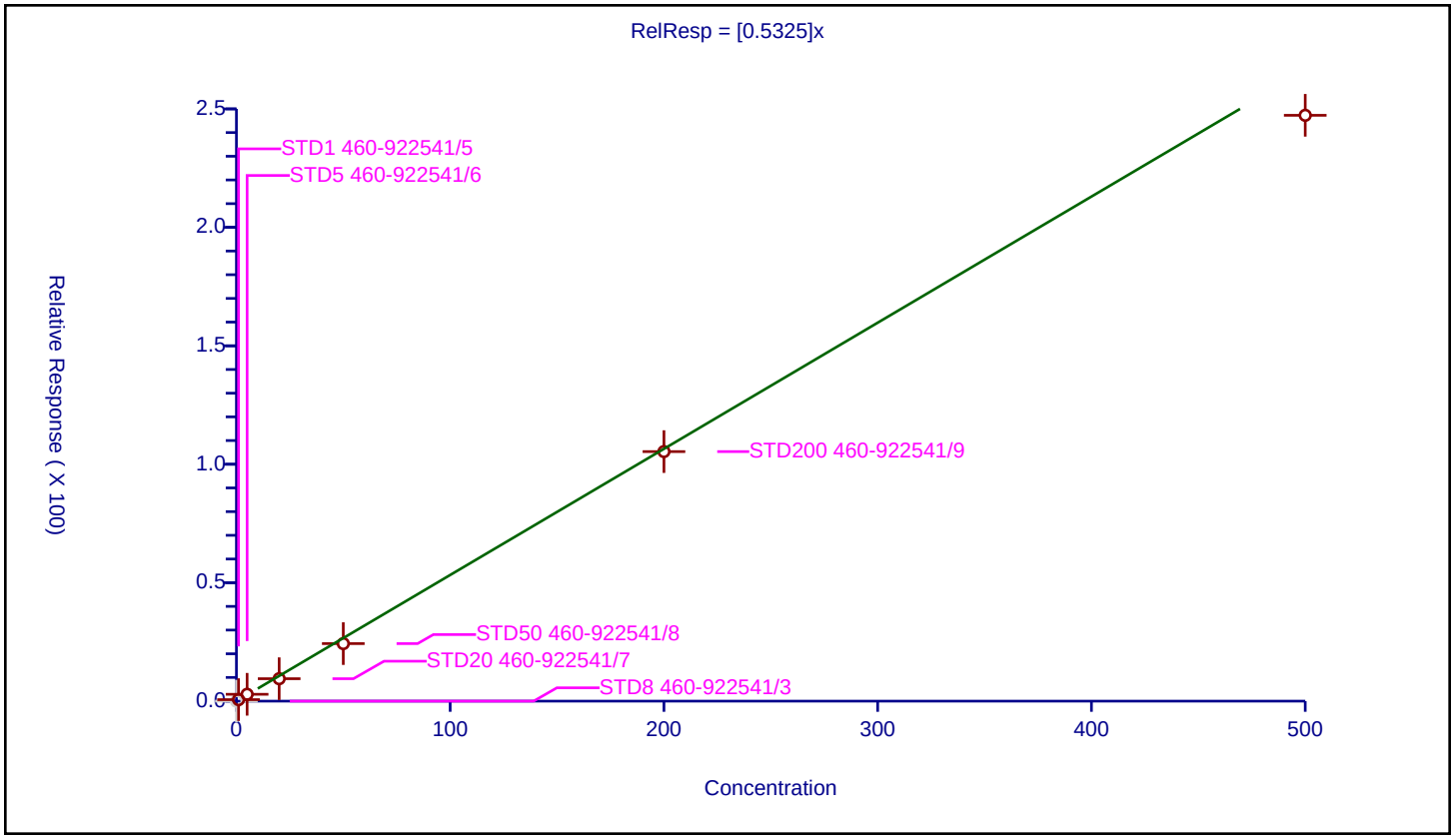
Curve Coefficients

Intercept:	0
Slope:	0.5325

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.635556	50.0	495629.0	0.635556	Y
3	STD5 460-922541/6	5.0	2.892784	50.0	458261.0	0.578557	Y
4	STD20 460-922541/7	20.0	9.474548	50.0	515518.0	0.473727	Y
5	STD50 460-922541/8	50.0	24.284811	50.0	524966.0	0.485696	Y
6	STD200 460-922541/9	200.0	105.340221	50.0	505672.0	0.526701	Y
7	STD500 460-922541/10	500.0	247.286769	50.0	571551.0	0.494574	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

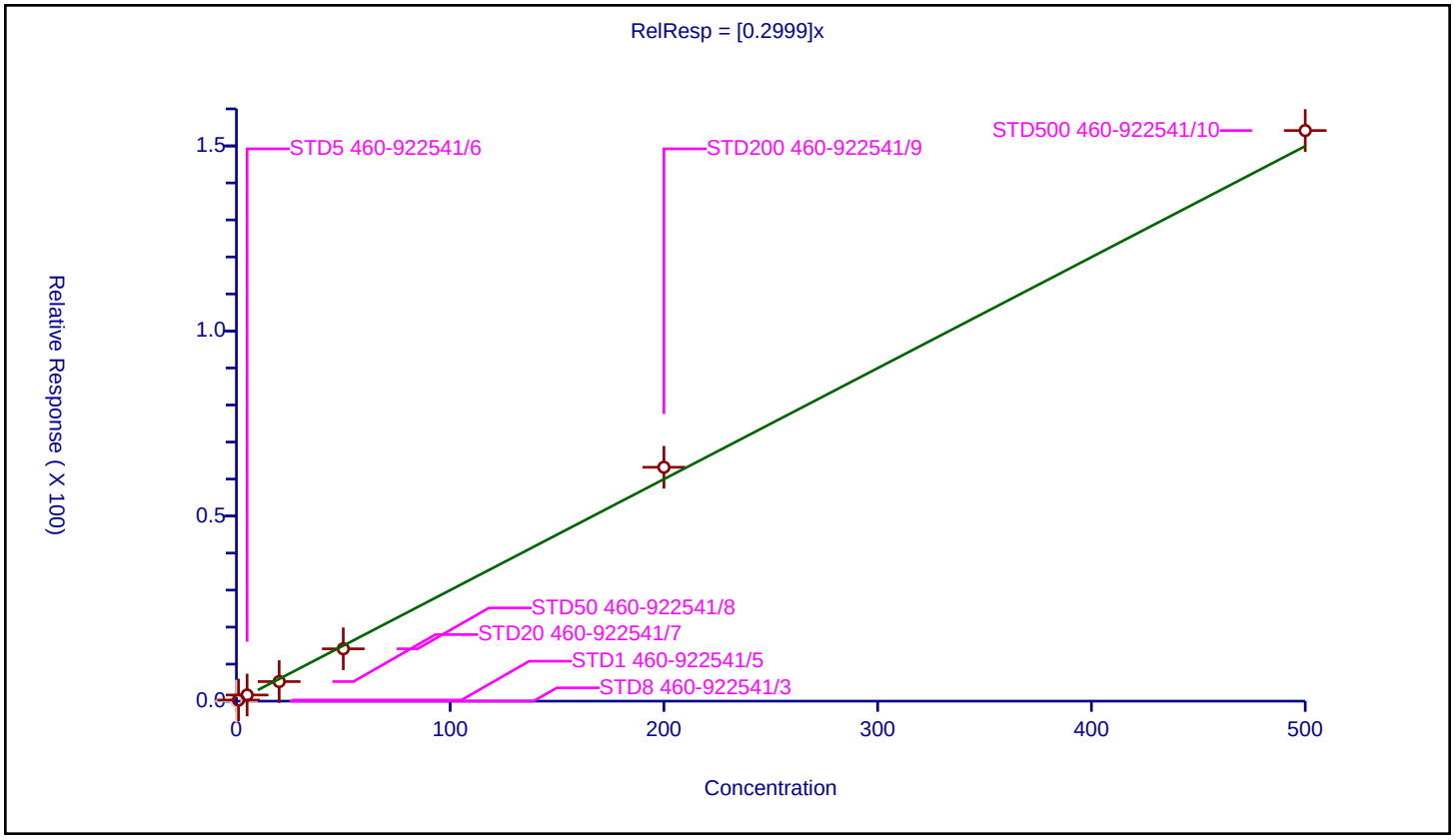
Curve Coefficients

Intercept:	0
Slope:	0.2999

Error Coefficients

Standard Error:	841000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.296391	50.0	495629.0	0.296391	Y
3	STD5 460-922541/6	5.0	1.657243	50.0	458261.0	0.331449	Y
4	STD20 460-922541/7	20.0	5.286527	50.0	515518.0	0.264326	Y
5	STD50 460-922541/8	50.0	14.137201	50.0	524966.0	0.282744	Y
6	STD200 460-922541/9	200.0	63.18582	50.0	505672.0	0.315929	Y
7	STD500 460-922541/10	500.0	154.150286	50.0	571551.0	0.308301	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

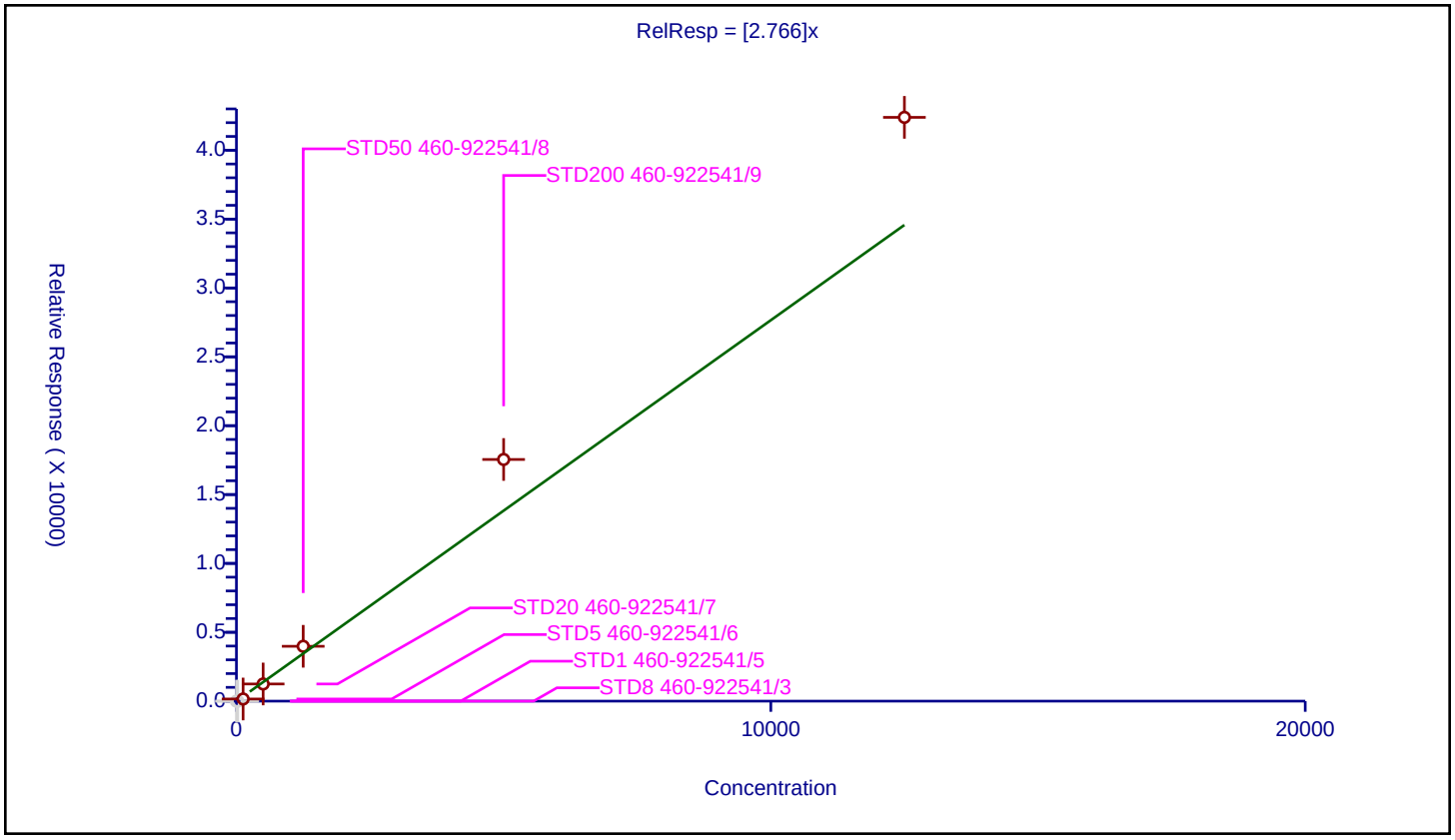
Curve Coefficients

Intercept:	0
Slope:	2.766

Error Coefficients

Standard Error:	1070000
Relative Standard Error:	33.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.905

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	1000.0	25592.0	NaN	N
2	STD1 460-922541/5	25.0	0.0	1000.0	29164.0	0.0	N
3	STD5 460-922541/6	125.0	156.380425	1000.0	27075.0	1.251043	Y
4	STD20 460-922541/7	500.0	1246.052712	1000.0	32554.0	2.492105	Y
5	STD50 460-922541/8	1250.0	3981.734732	1000.0	32028.0	3.185388	Y
6	STD200 460-922541/9	5000.0	17546.223143	1000.0	41516.0	3.509245	Y
7	STD500 460-922541/10	12500.0	42385.264202	1000.0	48372.0	3.390821	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

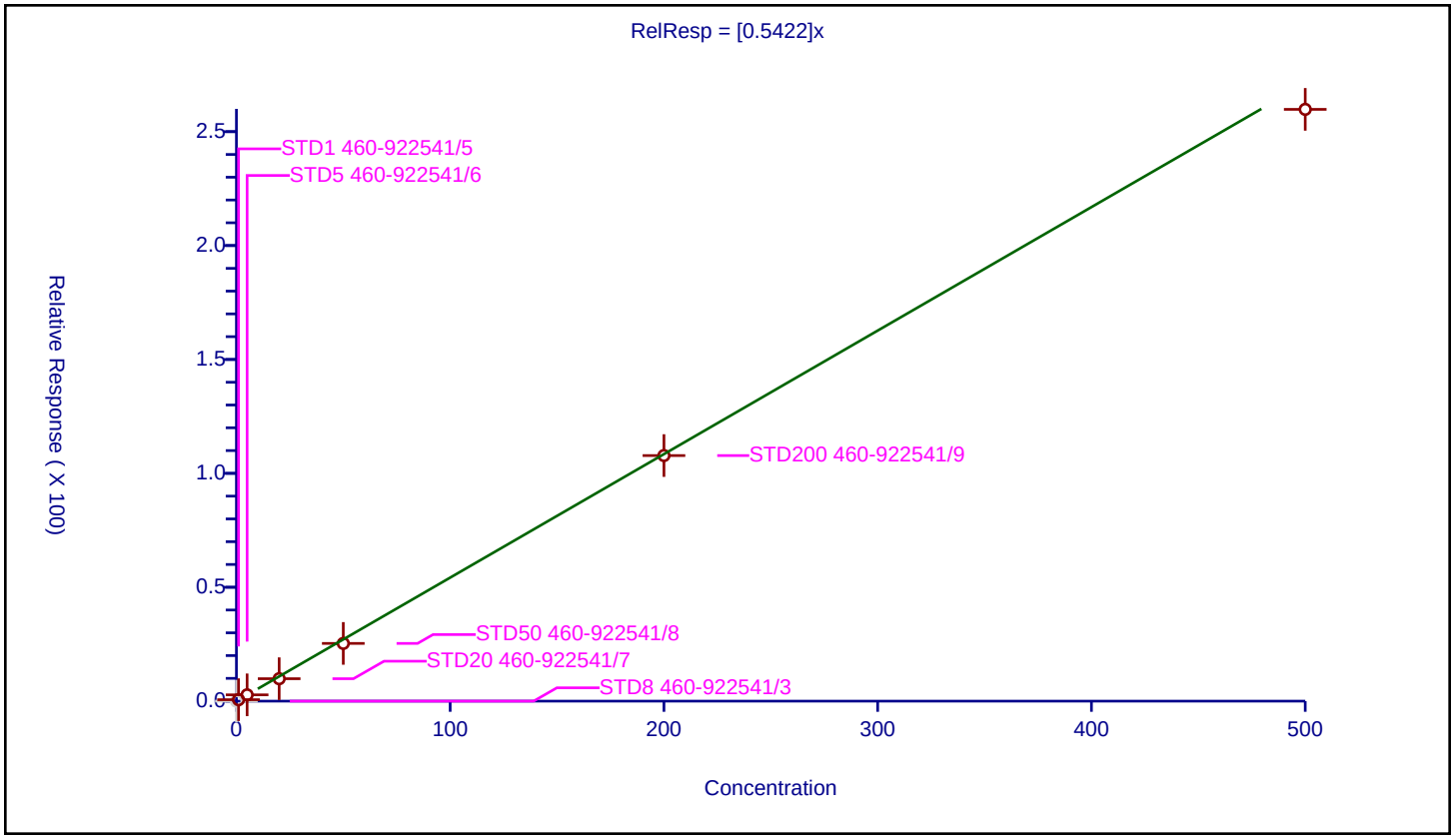
Curve Coefficients

Intercept:	0
Slope:	0.5422

Error Coefficients

Standard Error:	1420000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.642012	50.0	495629.0	0.642012	Y
3	STD5 460-922541/6	5.0	2.766437	50.0	458261.0	0.553287	Y
4	STD20 460-922541/7	20.0	9.850383	50.0	515518.0	0.492519	Y
5	STD50 460-922541/8	50.0	25.345451	50.0	524966.0	0.506909	Y
6	STD200 460-922541/9	200.0	107.810893	50.0	505672.0	0.539054	Y
7	STD500 460-922541/10	500.0	259.786528	50.0	571551.0	0.519573	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

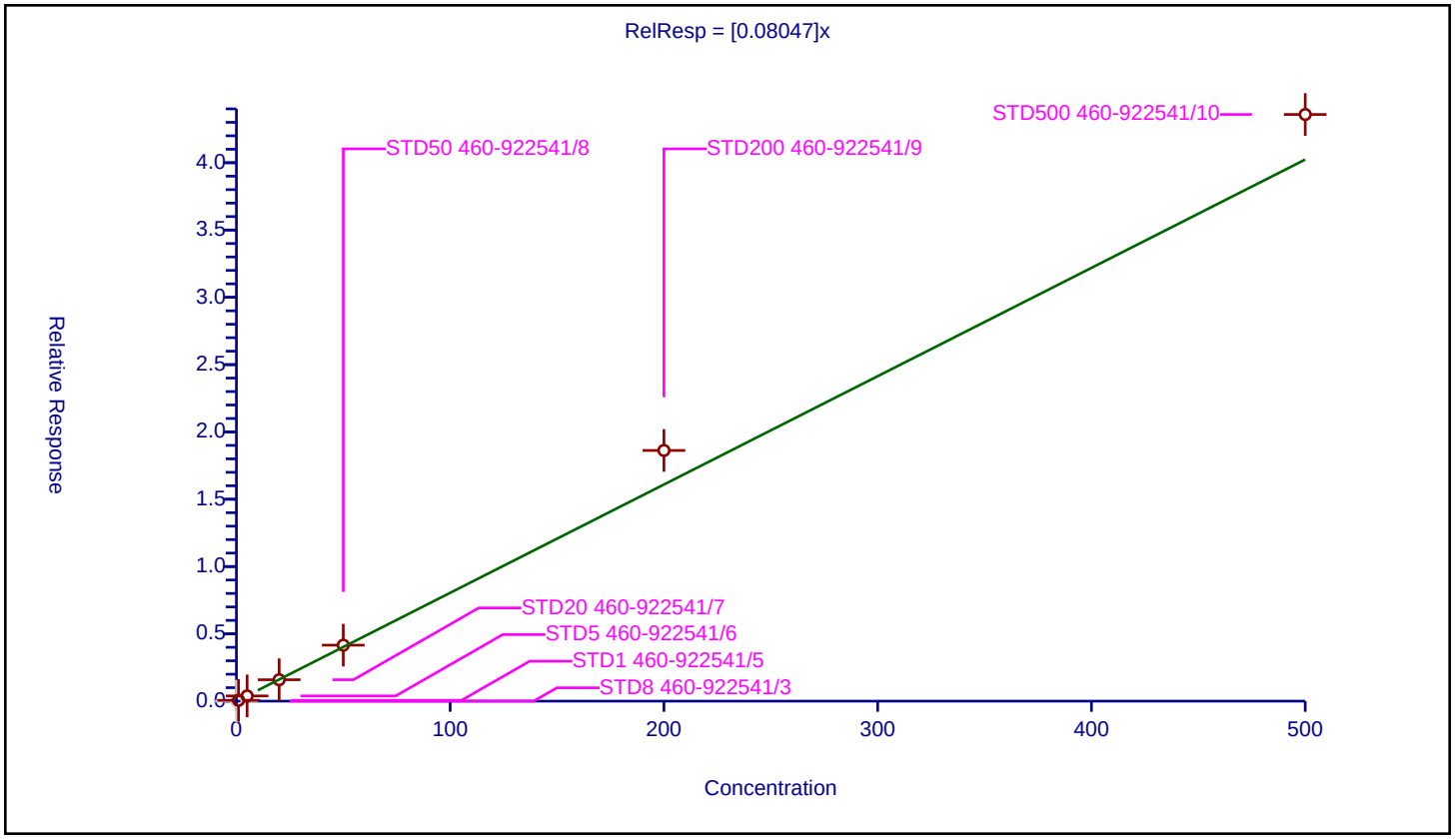
Curve Coefficients

Intercept:	0
Slope:	0.08047

Error Coefficients

Standard Error:	239000
Relative Standard Error:	13.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.062446	50.0	495629.0	0.062446	Y
3	STD5 460-922541/6	5.0	0.387443	50.0	458261.0	0.077489	Y
4	STD20 460-922541/7	20.0	1.588984	50.0	515518.0	0.079449	Y
5	STD50 460-922541/8	50.0	4.157507	50.0	524966.0	0.08315	Y
6	STD200 460-922541/9	200.0	18.624622	50.0	505672.0	0.093123	Y
7	STD500 460-922541/10	500.0	43.584912	50.0	571551.0	0.08717	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

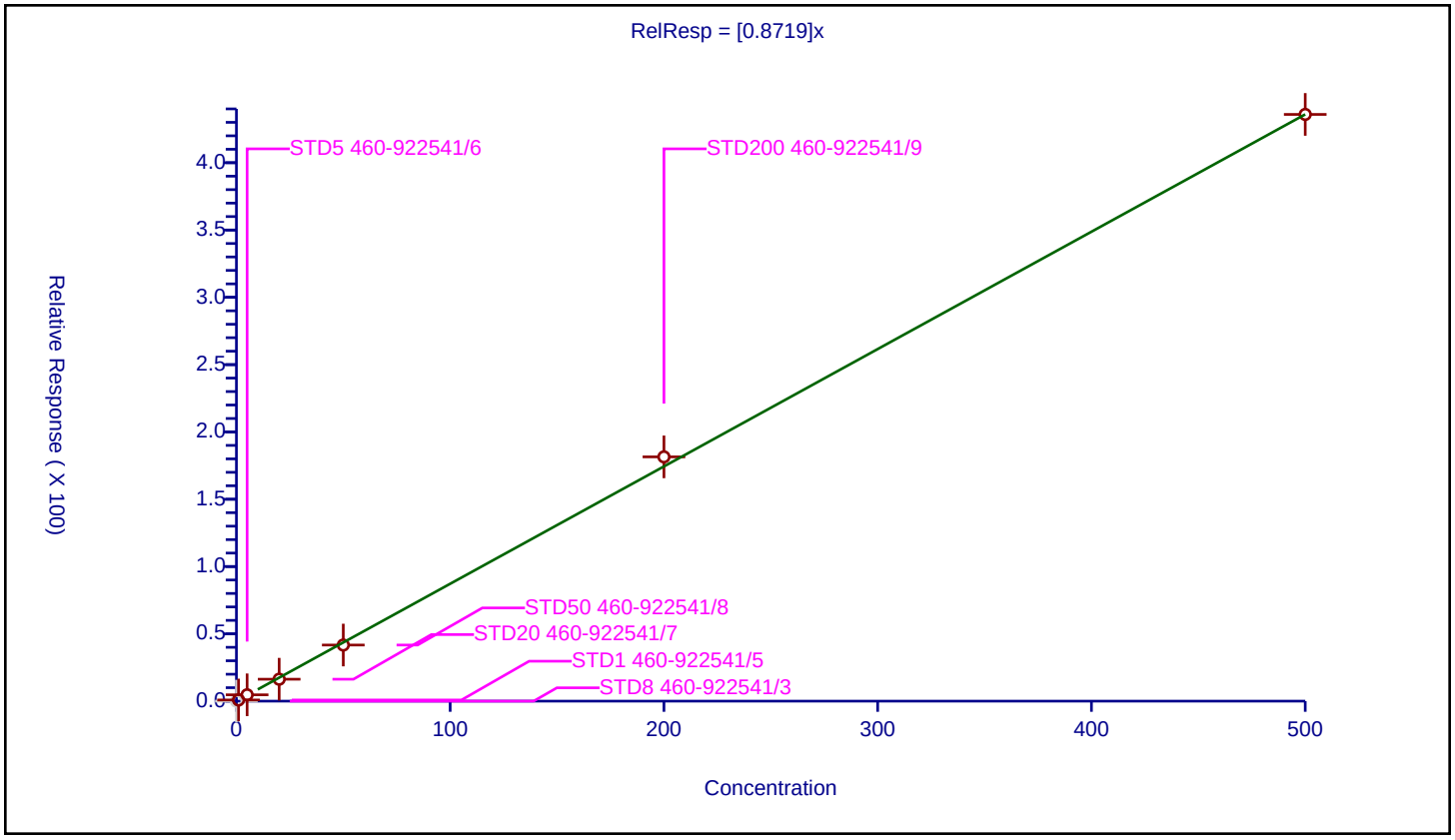
Curve Coefficients

Intercept:	0
Slope:	0.8719

Error Coefficients

Standard Error:	2380000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.862439	50.0	495629.0	0.862439	Y
3	STD5 460-922541/6	5.0	4.70387	50.0	458261.0	0.940774	Y
4	STD20 460-922541/7	20.0	16.299722	50.0	515518.0	0.814986	Y
5	STD50 460-922541/8	50.0	41.690033	50.0	524966.0	0.833801	Y
6	STD200 460-922541/9	200.0	181.470894	50.0	505672.0	0.907354	Y
7	STD500 460-922541/10	500.0	435.885162	50.0	571551.0	0.87177	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

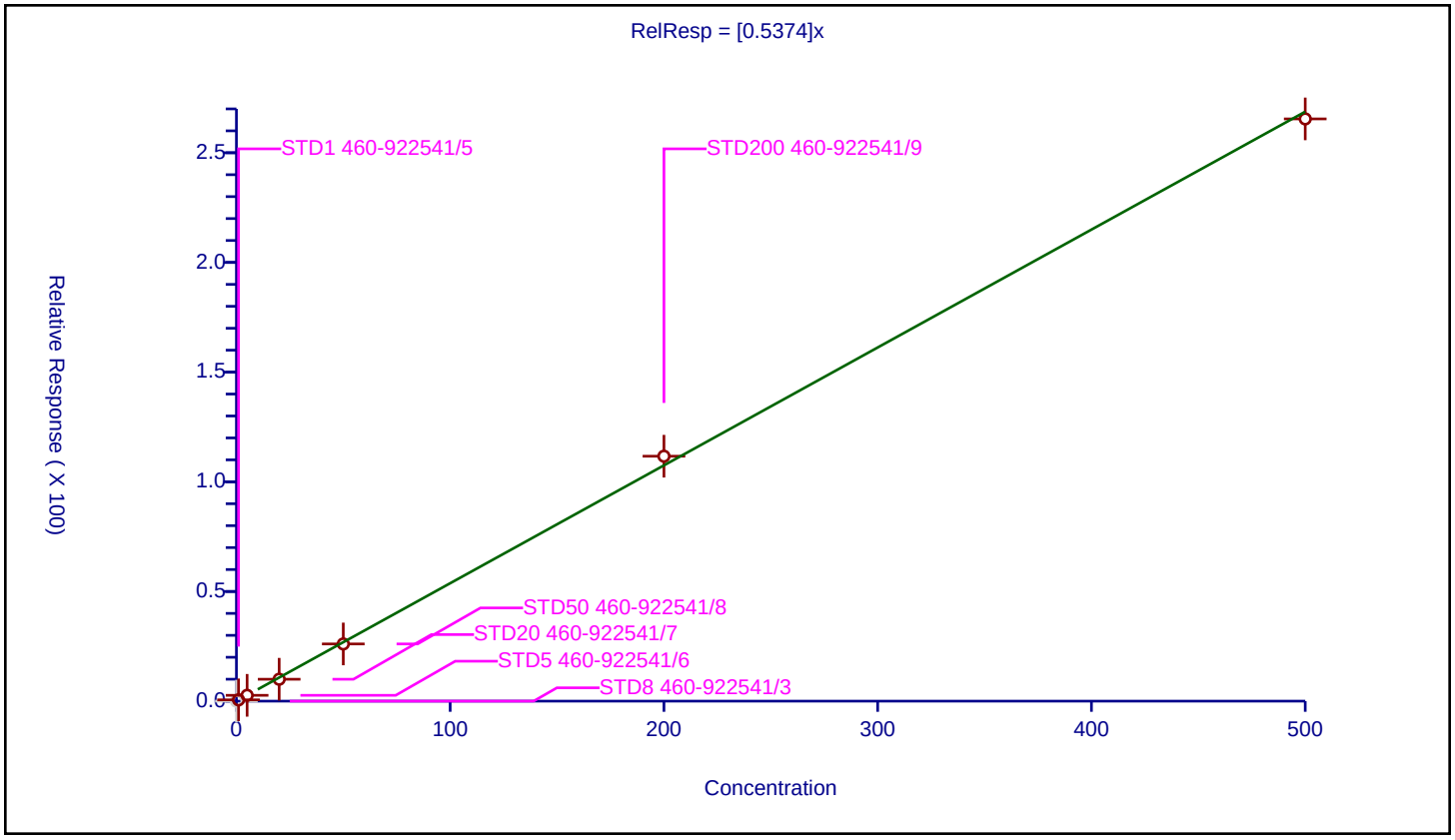
Curve Coefficients

Intercept:	0
Slope:	0.5374

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.582896	50.0	495629.0	0.582896	Y
3	STD5 460-922541/6	5.0	2.657001	50.0	458261.0	0.5314	Y
4	STD20 460-922541/7	20.0	9.989661	50.0	515518.0	0.499483	Y
5	STD50 460-922541/8	50.0	26.077213	50.0	524966.0	0.521544	Y
6	STD200 460-922541/9	200.0	111.666851	50.0	505672.0	0.558334	Y
7	STD500 460-922541/10	500.0	265.435718	50.0	571551.0	0.530871	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

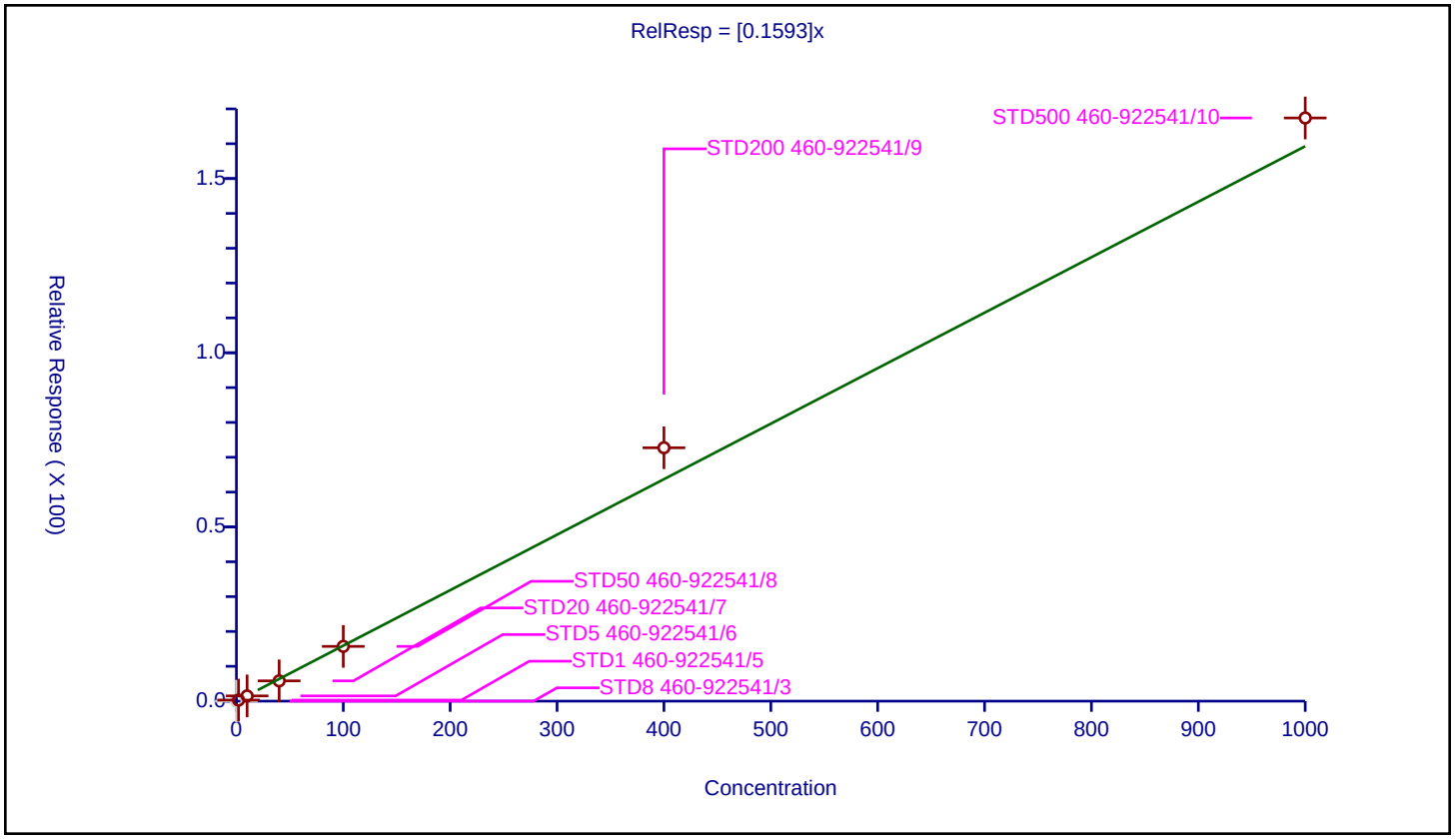
Curve Coefficients

Intercept:	0
Slope:	0.1593

Error Coefficients

Standard Error:	920000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	2.0	0.307791	50.0	495629.0	0.153895	Y
3	STD5 460-922541/6	10.0	1.498927	50.0	458261.0	0.149893	Y
4	STD20 460-922541/7	40.0	5.818517	50.0	515518.0	0.145463	Y
5	STD50 460-922541/8	100.0	15.716923	50.0	524966.0	0.157169	Y
6	STD200 460-922541/9	400.0	72.732819	50.0	505672.0	0.181832	Y
7	STD500 460-922541/10	1000.0	167.393811	50.0	571551.0	0.167394	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

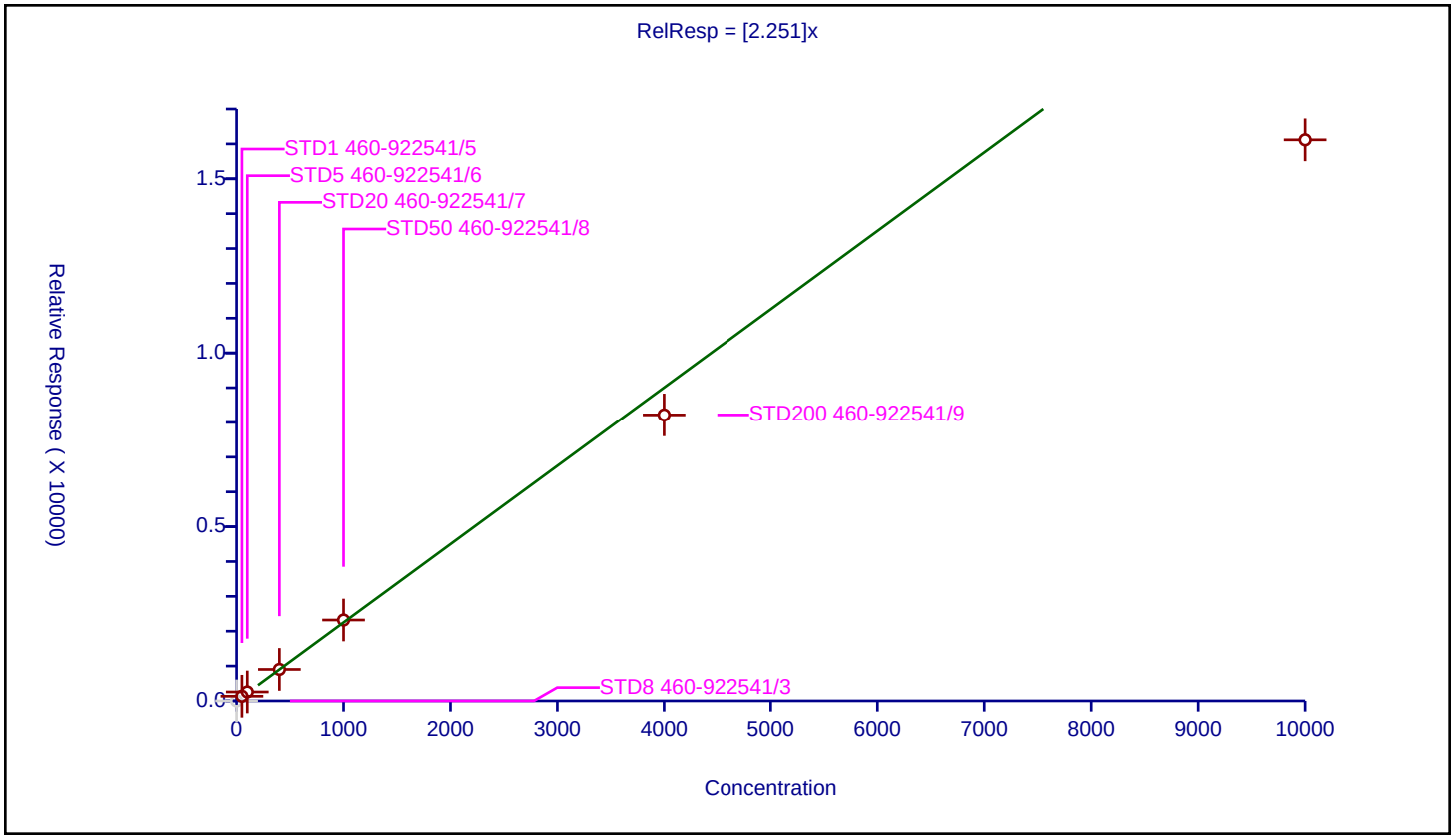
Curve Coefficients

Intercept:	0
Slope:	2.251

Error Coefficients

Standard Error:	366000
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	1000.0	27211.0	NaN	N
2	STD1 460-922541/5	50.000062	134.377657	1000.0	30578.0	2.68755	Y
3	STD5 460-922541/6	100.0	257.298697	1000.0	25484.0	2.572987	Y
4	STD20 460-922541/7	400.0	903.096903	1000.0	31031.0	2.257742	Y
5	STD50 460-922541/8	1000.0	2321.142784	1000.0	31117.0	2.321143	Y
6	STD200 460-922541/9	4000.0	8217.043353	1000.0	36237.0	2.054261	Y
7	STD500 460-922541/10	10000.0	16116.902304	1000.0	48733.0	1.61169	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

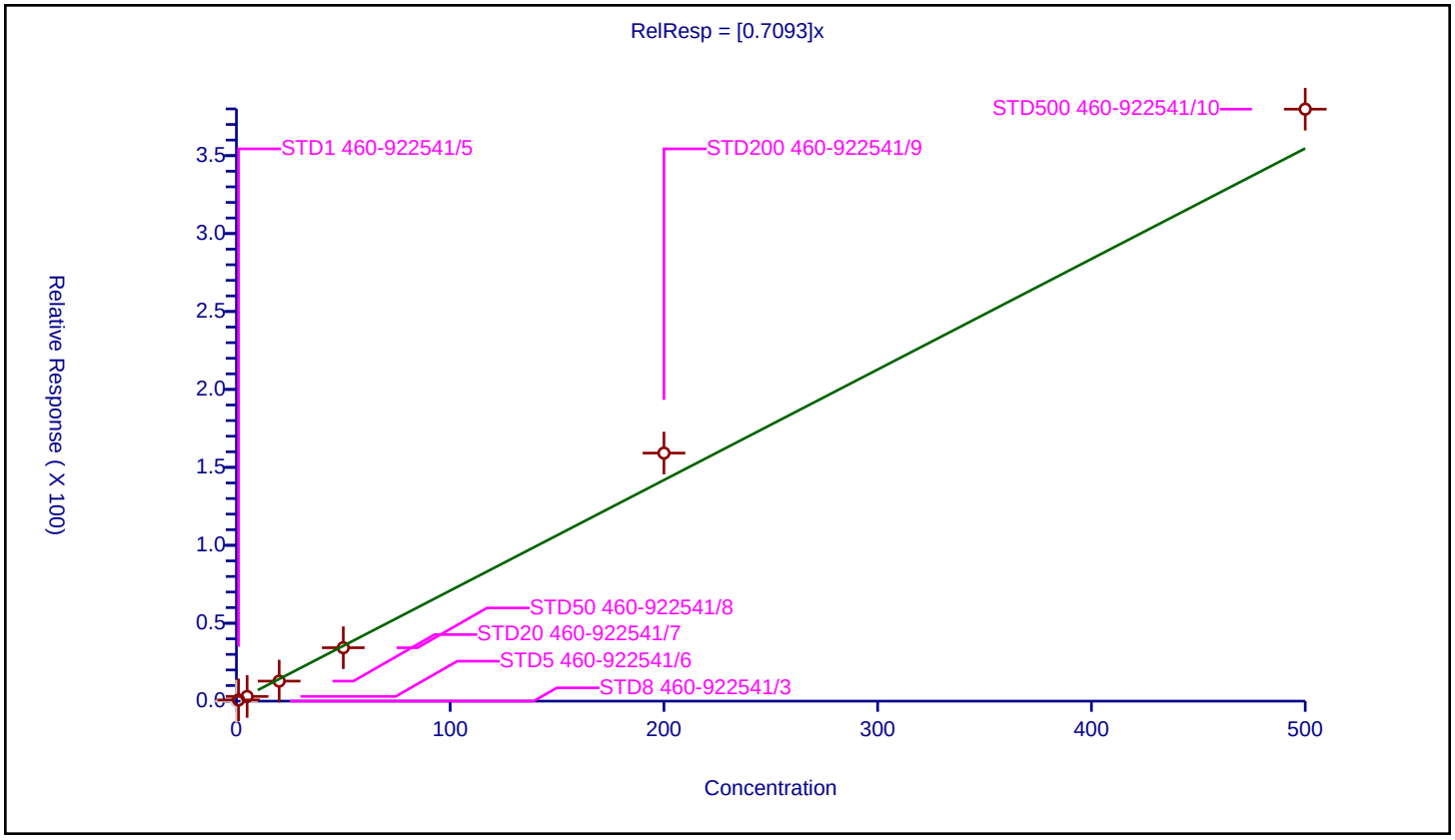
Curve Coefficients

Intercept:	0
Slope:	0.7093

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	10.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.767106	50.0	495629.0	0.767106	Y
3	STD5 460-922541/6	5.0	3.023495	50.0	458261.0	0.604699	Y
4	STD20 460-922541/7	20.0	12.859978	50.0	515518.0	0.642999	Y
5	STD50 460-922541/8	50.0	34.273553	50.0	524966.0	0.685471	Y
6	STD200 460-922541/9	200.0	159.150398	50.0	505672.0	0.795752	Y
7	STD500 460-922541/10	500.0	379.827085	50.0	571551.0	0.759654	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

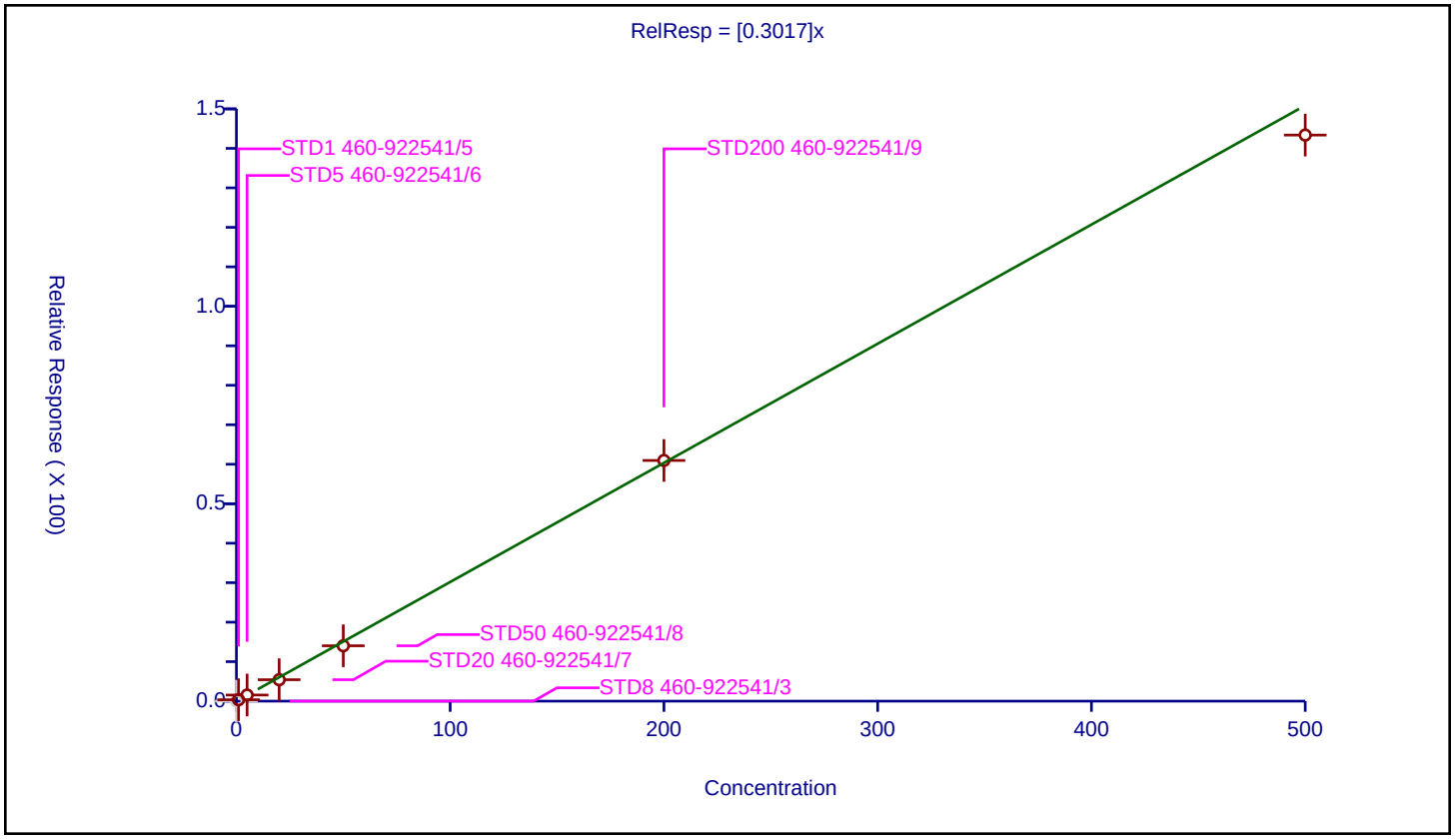
Curve Coefficients

Intercept:	0
Slope:	0.3017

Error Coefficients

Standard Error:	786000
Relative Standard Error:	10.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.35692	50.0	495629.0	0.35692	Y
3	STD5 460-922541/6	5.0	1.550972	50.0	458261.0	0.310194	Y
4	STD20 460-922541/7	20.0	5.428617	50.0	515518.0	0.271431	Y
5	STD50 460-922541/8	50.0	14.01786	50.0	524966.0	0.280357	Y
6	STD200 460-922541/9	200.0	60.958091	50.0	505672.0	0.30479	Y
7	STD500 460-922541/10	500.0	143.365771	50.0	571551.0	0.286732	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

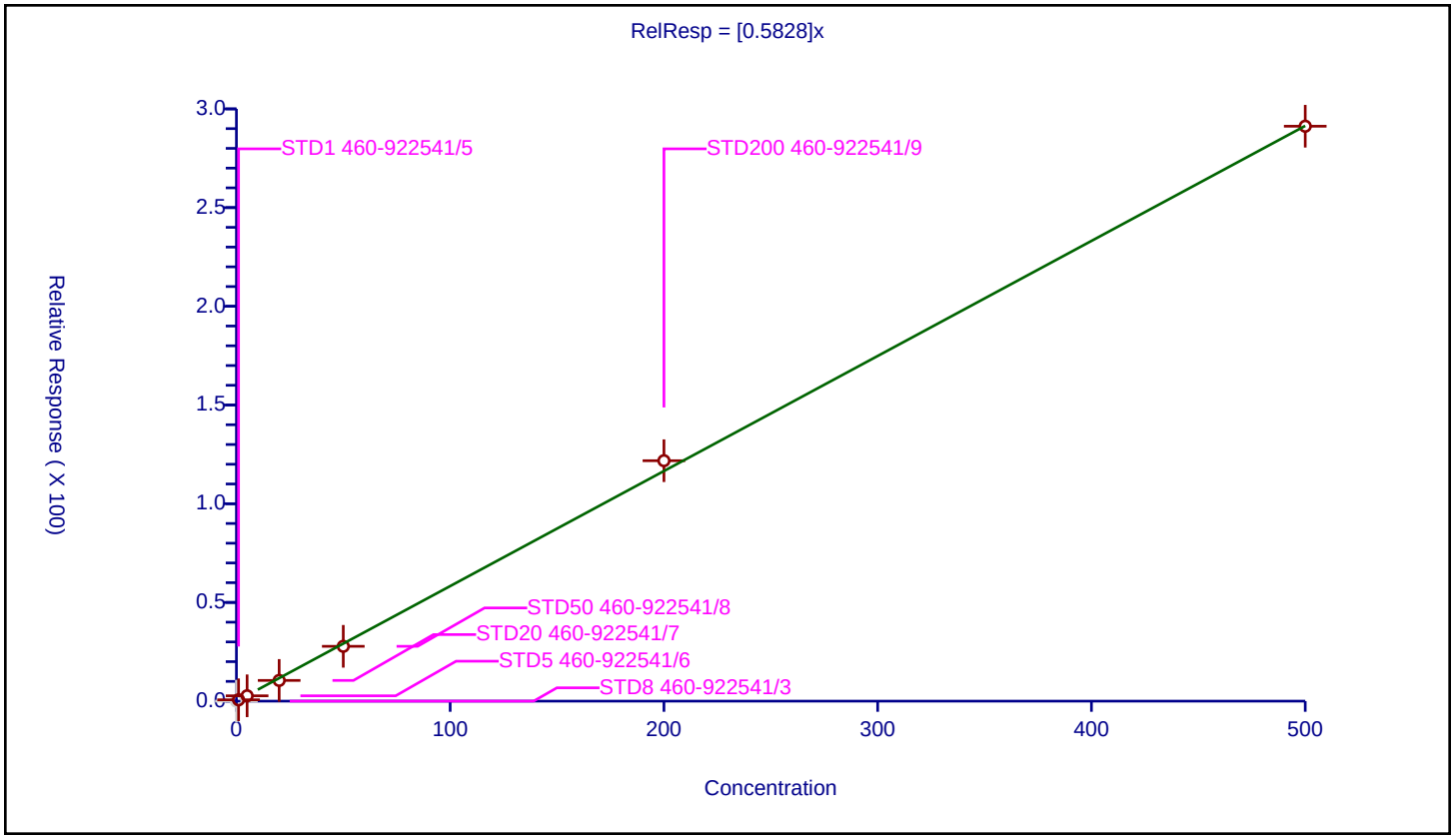
Curve Coefficients

Intercept:	0
Slope:	0.5828

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0	0.685291	50.0	495629.0	0.685291	Y
3	STD5 460-922541/6	5.0	2.69999	50.0	458261.0	0.539998	Y
4	STD20 460-922541/7	20.0	10.494396	50.0	515518.0	0.52472	Y
5	STD50 460-922541/8	50.0	27.771513	50.0	524966.0	0.55543	Y
6	STD200 460-922541/9	200.0	121.788729	50.0	505672.0	0.608944	Y
7	STD500 460-922541/10	500.0	291.216882	50.0	571551.0	0.582434	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

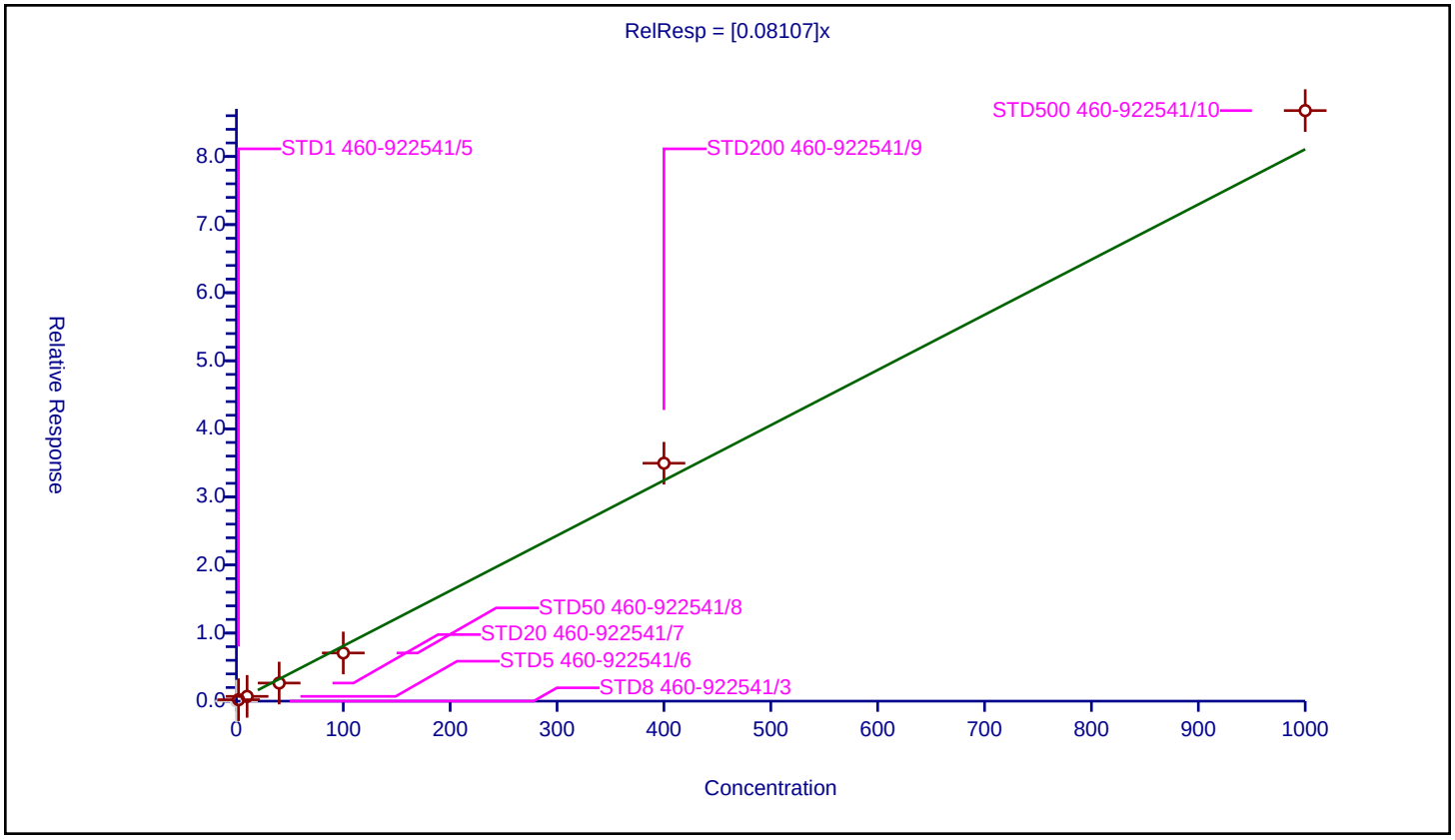
Curve Coefficients

Intercept:	0
Slope:	0.08107

Error Coefficients

Standard Error:	472000
Relative Standard Error:	18.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	2.0	0.209733	50.0	495629.0	0.104867	Y
3	STD5 460-922541/6	10.0	0.702438	50.0	458261.0	0.070244	Y
4	STD20 460-922541/7	40.0	2.657036	50.0	515518.0	0.066426	Y
5	STD50 460-922541/8	100.0	7.077601	50.0	524966.0	0.070776	Y
6	STD200 460-922541/9	400.0	34.94973	50.0	505672.0	0.087374	Y
7	STD500 460-922541/10	1000.0	86.747727	50.0	571551.0	0.086748	Y



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

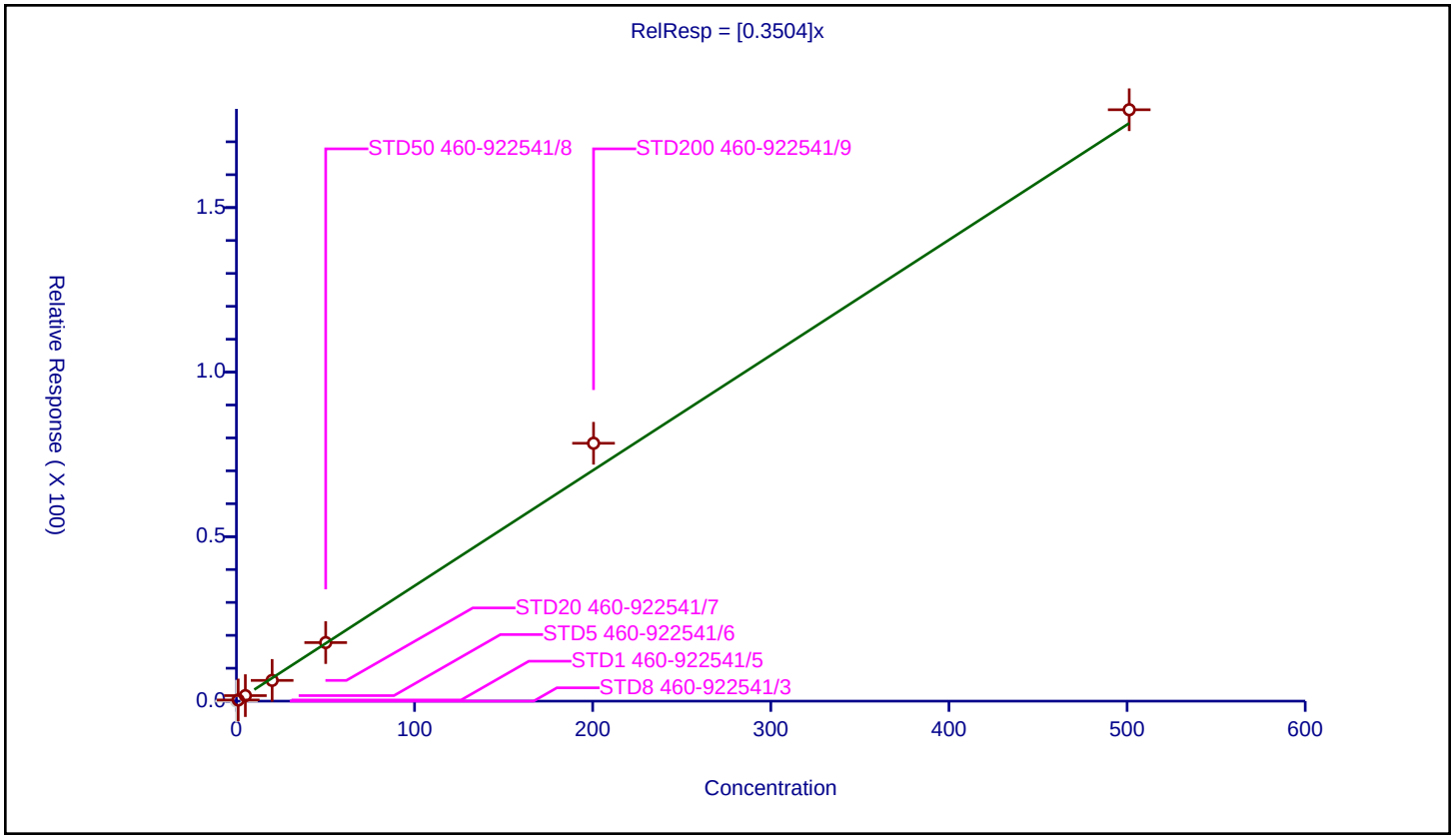
Curve Coefficients

Intercept:	0
Slope:	0.3504

Error Coefficients

Standard Error:	989000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	461928.0	NaN	N
2	STD1 460-922541/5	1.0024	0.349152	50.0	495629.0	0.348316	Y
3	STD5 460-922541/6	5.012	1.680156	50.0	458261.0	0.335227	Y
4	STD20 460-922541/7	20.048	6.304533	50.0	515518.0	0.314472	Y
5	STD50 460-922541/8	50.12	17.7962	50.0	524966.0	0.355072	Y
6	STD200 460-922541/9	200.48	78.376299	50.0	505672.0	0.390943	Y
7	STD500 460-922541/10	501.2	179.743715	50.0	571551.0	0.358627	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

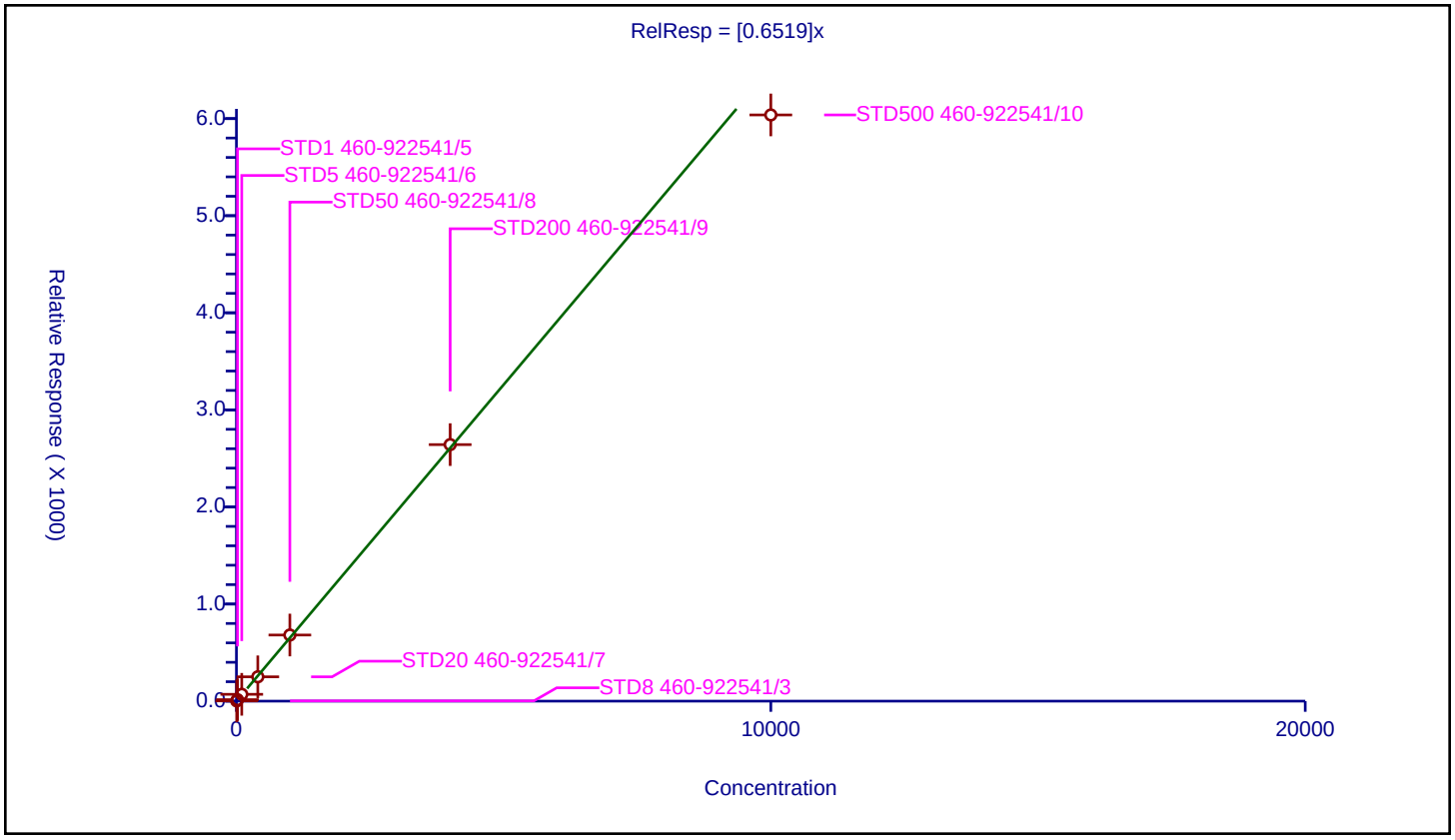
Curve Coefficients

Intercept:	0
Slope:	0.6519

Error Coefficients

Standard Error:	3170000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	5.000009	2.665751	250.0	195911.0	0.533149	Y
2	STD1 460-922541/5	20.000035	15.11667	250.0	214151.0	0.755832	Y
3	STD5 460-922541/6	100.000173	70.252134	250.0	194777.0	0.70252	Y
4	STD20 460-922541/7	400.000692	250.576737	250.0	241011.0	0.626441	Y
5	STD50 460-922541/8	1000.00173	680.888608	250.0	240995.0	0.680887	Y
6	STD200 460-922541/9	4000.00692	2642.212336	250.0	261651.0	0.660552	Y
7	STD500 460-922541/10	10000.0173	6037.668317	250.0	299509.0	0.603766	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

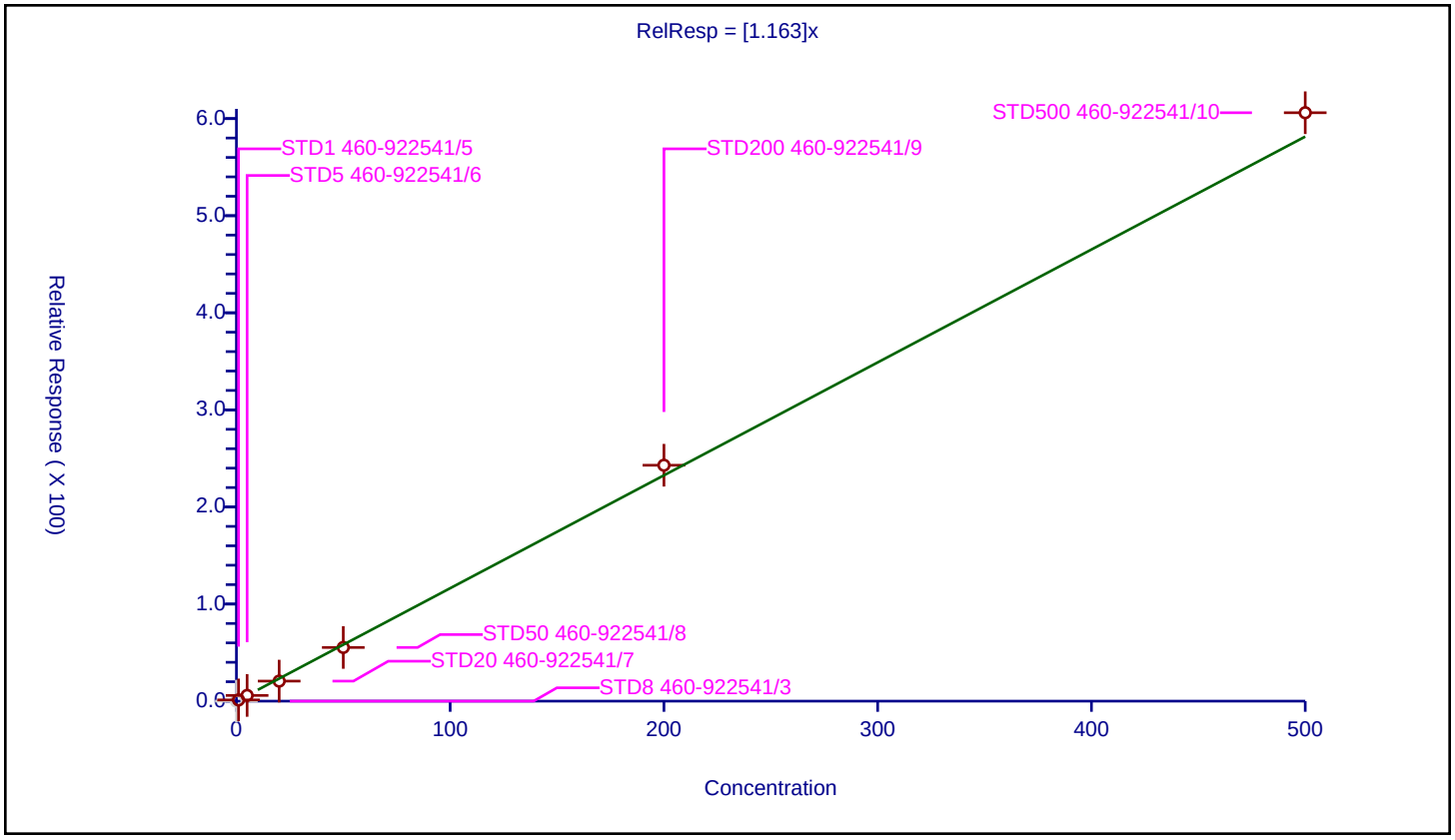
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	6.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.237277	50.0	363419.0	1.237277	Y
3	STD5 460-922541/6	5.0	5.878302	50.0	330325.0	1.17566	Y
4	STD20 460-922541/7	20.0	20.630504	50.0	385485.0	1.031525	Y
5	STD50 460-922541/8	50.0	55.294702	50.0	387850.0	1.105894	Y
6	STD200 460-922541/9	200.0	242.975098	50.0	378717.0	1.214875	Y
7	STD500 460-922541/10	500.0	606.042231	50.0	404536.0	1.212084	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

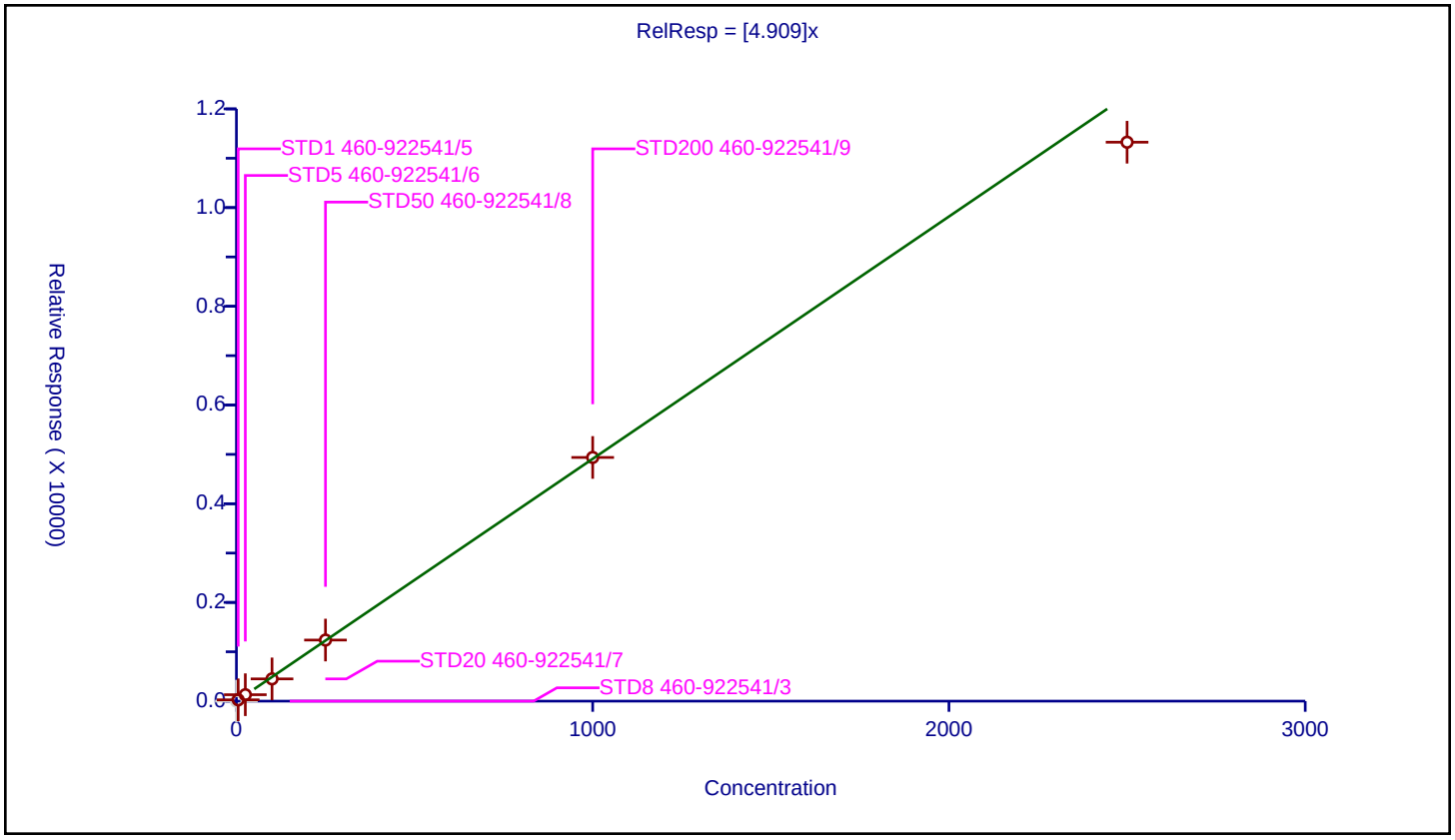
Curve Coefficients

Intercept:	0
Slope:	4.909

Error Coefficients

Standard Error:	6510000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	5.0	26.626072	250.0	214151.0	5.325214	Y
3	STD5 460-922541/6	25.0	130.109048	250.0	194777.0	5.204362	Y
4	STD20 460-922541/7	100.0	450.957633	250.0	241011.0	4.509576	Y
5	STD50 460-922541/8	250.0	1237.438536	250.0	240995.0	4.949754	Y
6	STD200 460-922541/9	1000.0	4937.469186	250.0	261651.0	4.937469	Y
7	STD500 460-922541/10	2500.0	11324.645503	250.0	299509.0	4.529858	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

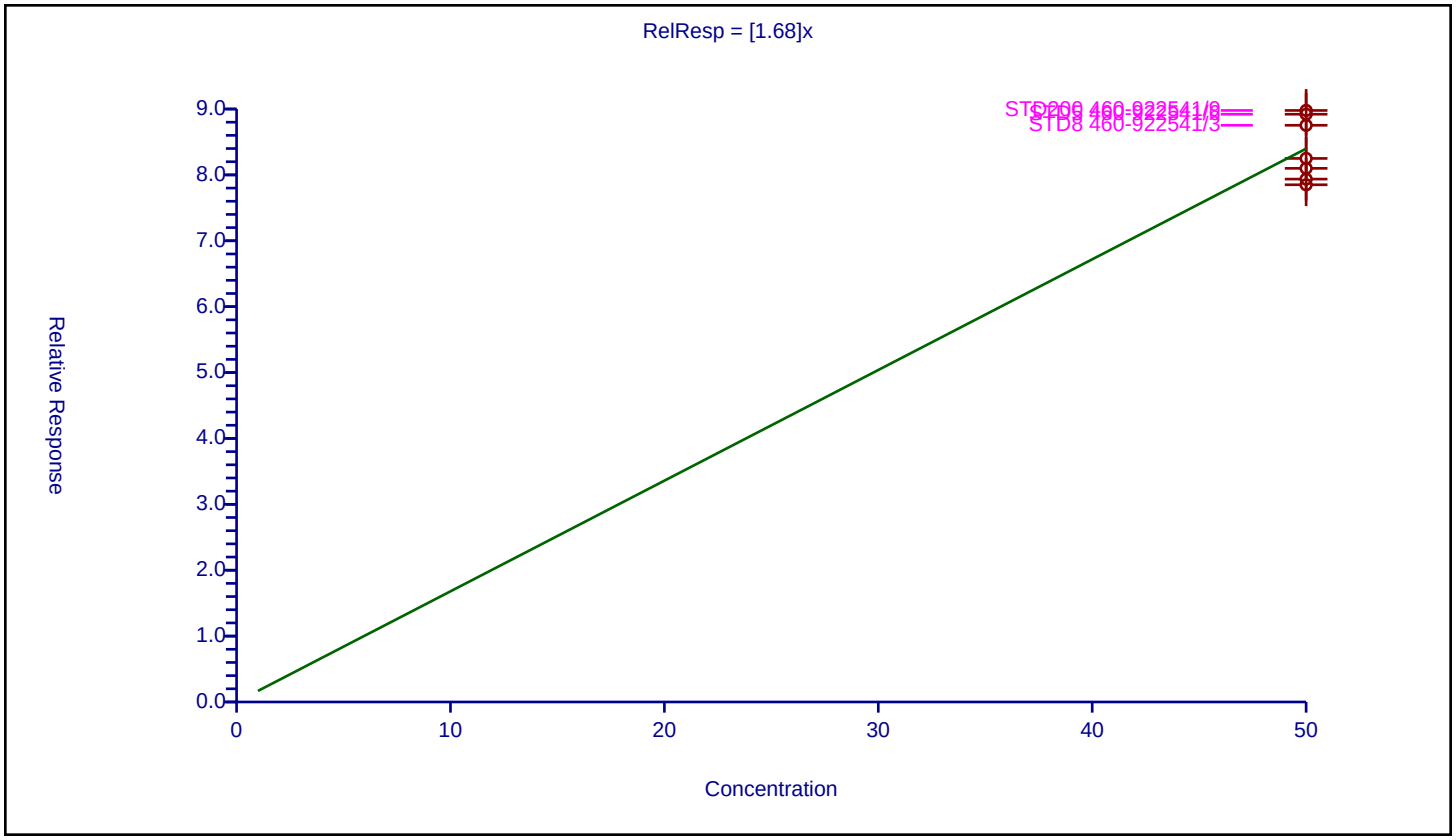
Curve Coefficients

Intercept:	0
Slope:	1.68

Error Coefficients

Standard Error:	674000
Relative Standard Error:	5.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	50.0	87.532553	50.0	349815.0	1.750651	Y
2	STD1 460-922541/5	50.0	78.502087	50.0	363419.0	1.570042	Y
3	STD5 460-922541/6	50.0	89.205479	50.0	330325.0	1.78411	Y
4	STD20 460-922541/7	50.0	79.364048	50.0	385485.0	1.587281	Y
5	STD50 460-922541/8	50.0	80.994714	50.0	387850.0	1.619894	Y
6	STD200 460-922541/9	50.0	89.781288	50.0	378717.0	1.795626	Y
7	STD500 460-922541/10	50.0	82.49958	50.0	404536.0	1.649992	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

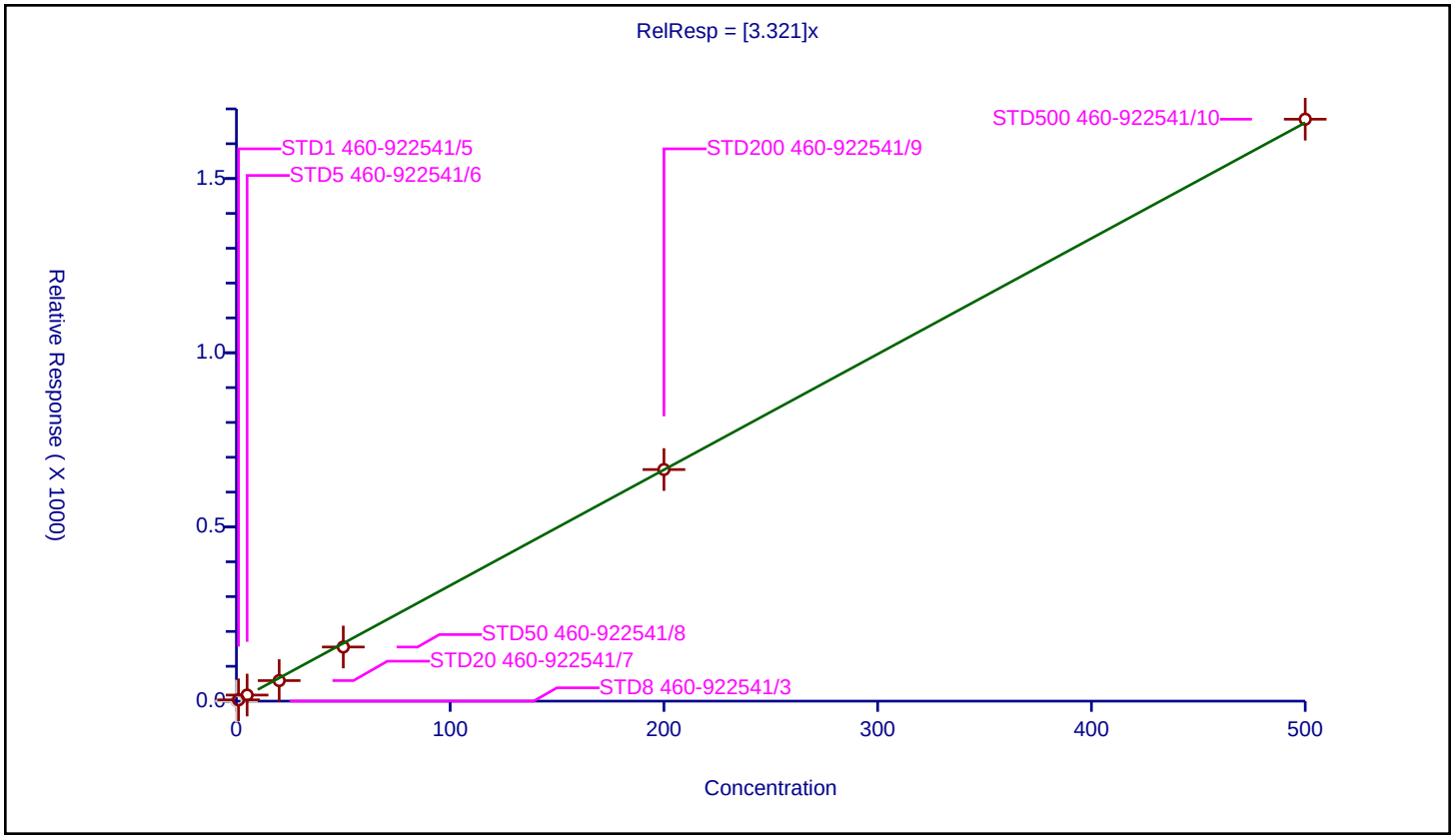
Curve Coefficients

Intercept:	0
Slope:	3.321

Error Coefficients

Standard Error:	6470000
Relative Standard Error:	8.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	3.708942	50.0	363419.0	3.708942	Y
3	STD5 460-922541/6	5.0	17.47476	50.0	330325.0	3.494952	Y
4	STD20 460-922541/7	20.0	58.944447	50.0	385485.0	2.947222	Y
5	STD50 460-922541/8	50.0	155.42207	50.0	387850.0	3.108441	Y
6	STD200 460-922541/9	200.0	664.808023	50.0	378717.0	3.32404	Y
7	STD500 460-922541/10	500.0	1670.402758	50.0	404536.0	3.340806	Y



Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

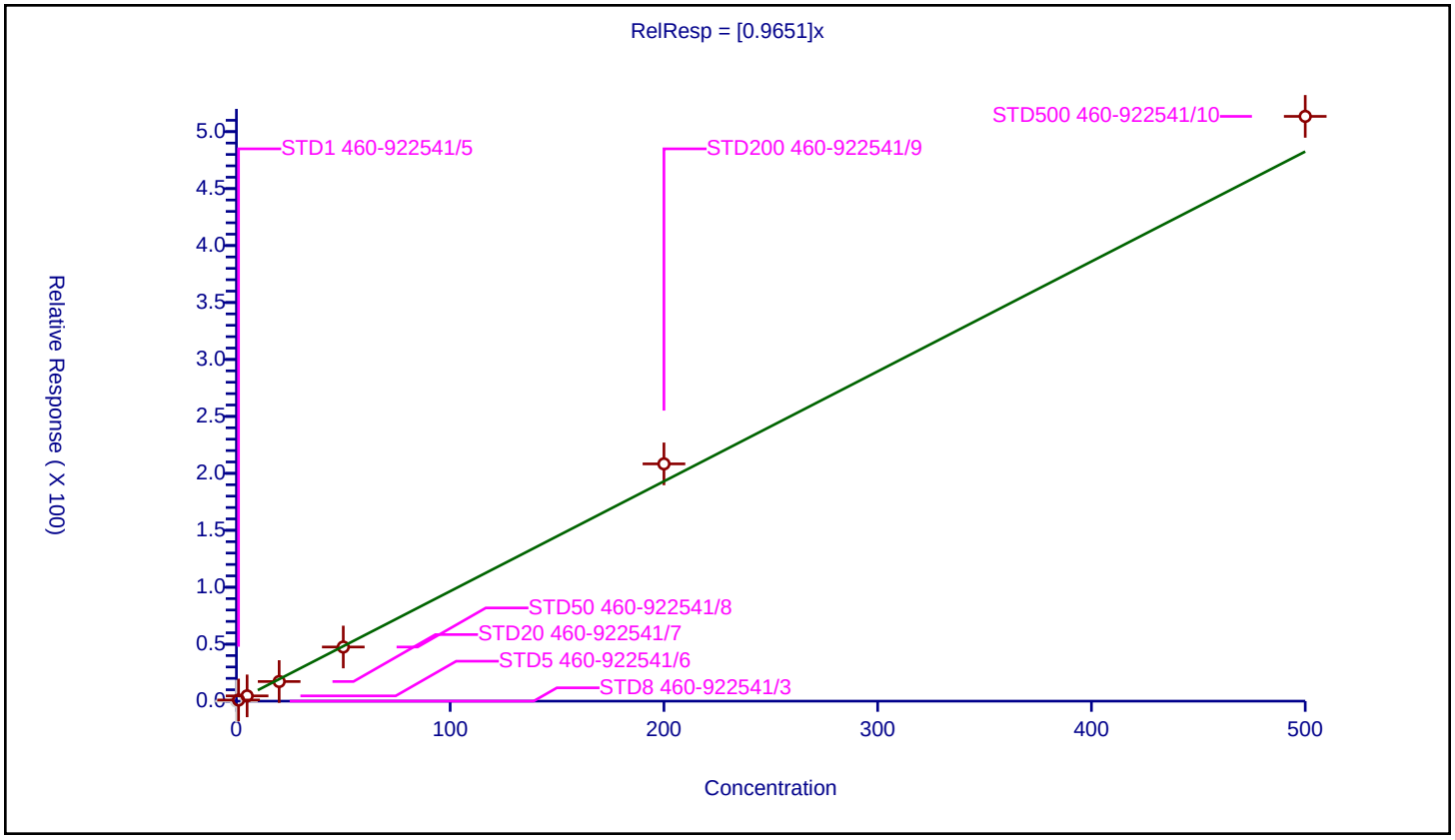
Curve Coefficients

Intercept:	0
Slope:	0.9651

Error Coefficients

Standard Error:	1990000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.985502	50.0	363419.0	0.985502	Y
3	STD5 460-922541/6	5.0	4.625596	50.0	330325.0	0.925119	Y
4	STD20 460-922541/7	20.0	17.214937	50.0	385485.0	0.860747	Y
5	STD50 460-922541/8	50.0	47.525203	50.0	387850.0	0.950504	Y
6	STD200 460-922541/9	200.0	208.319669	50.0	378717.0	1.041598	Y
7	STD500 460-922541/10	500.0	513.419201	50.0	404536.0	1.026838	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

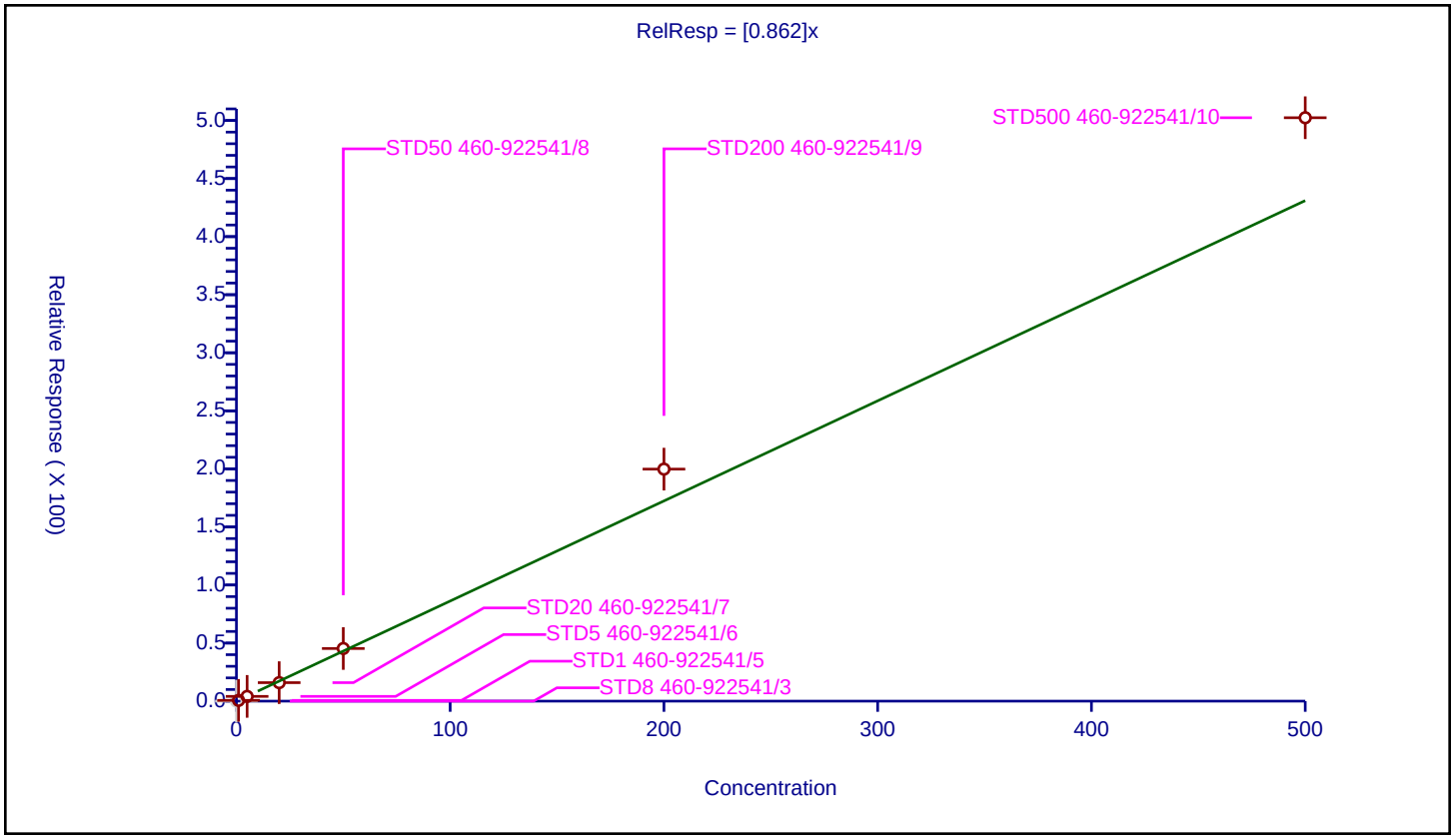
Curve Coefficients

Intercept:	0
Slope:	0.862

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	15.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.6476	50.0	363419.0	0.6476	Y
3	STD5 460-922541/6	5.0	4.089609	50.0	330325.0	0.817922	Y
4	STD20 460-922541/7	20.0	15.920075	50.0	385485.0	0.796004	Y
5	STD50 460-922541/8	50.0	45.340853	50.0	387850.0	0.906817	Y
6	STD200 460-922541/9	200.0	199.79457	50.0	378717.0	0.998973	Y
7	STD500 460-922541/10	500.0	502.382112	50.0	404536.0	1.004764	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

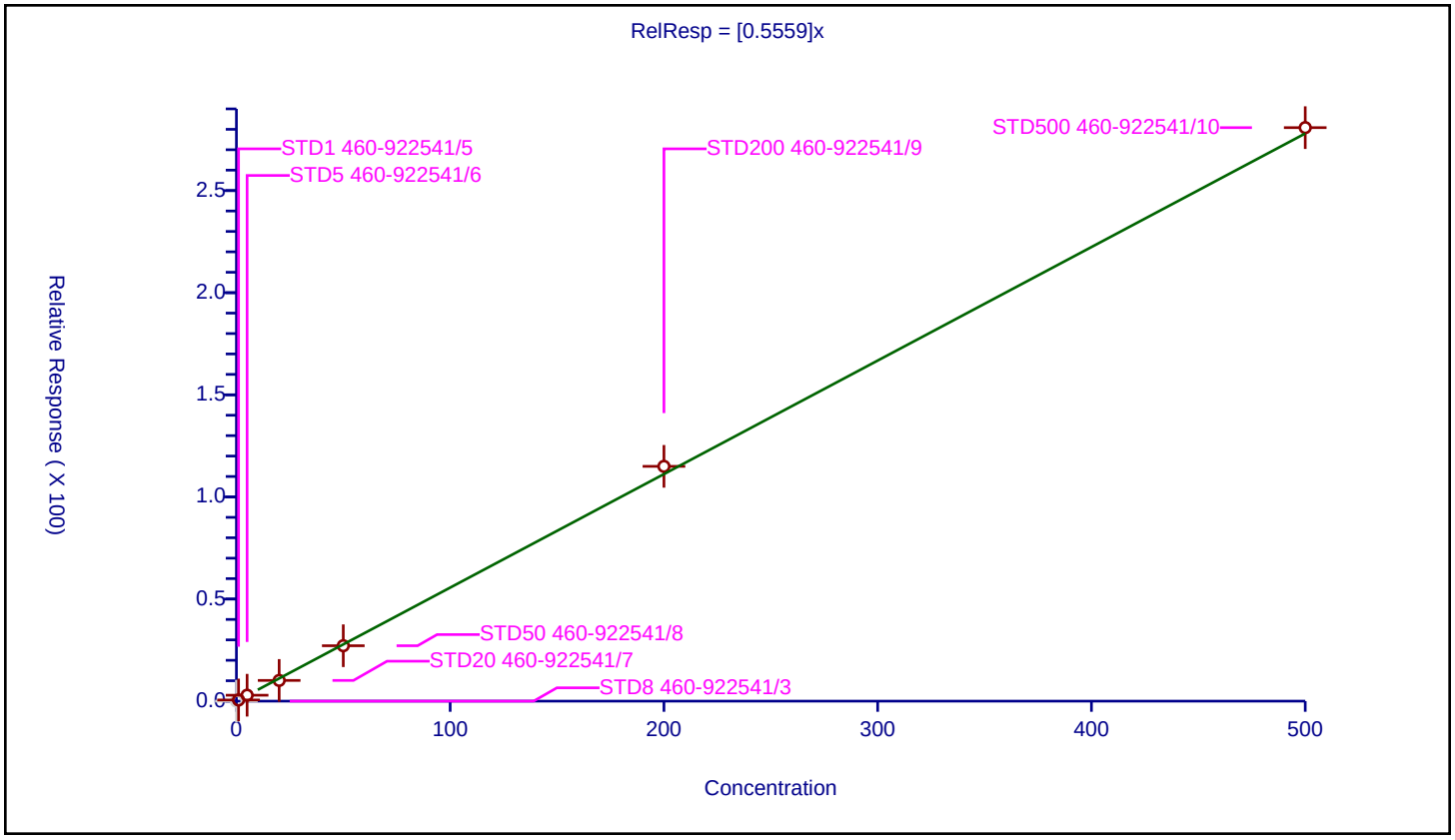
Curve Coefficients

Intercept:	0
Slope:	0.5559

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.567802	50.0	363419.0	0.567802	Y
3	STD5 460-922541/6	5.0	2.90638	50.0	330325.0	0.581276	Y
4	STD20 460-922541/7	20.0	10.140083	50.0	385485.0	0.507004	Y
5	STD50 460-922541/8	50.0	27.138585	50.0	387850.0	0.542772	Y
6	STD200 460-922541/9	200.0	114.967509	50.0	378717.0	0.574838	Y
7	STD500 460-922541/10	500.0	280.814686	50.0	404536.0	0.561629	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

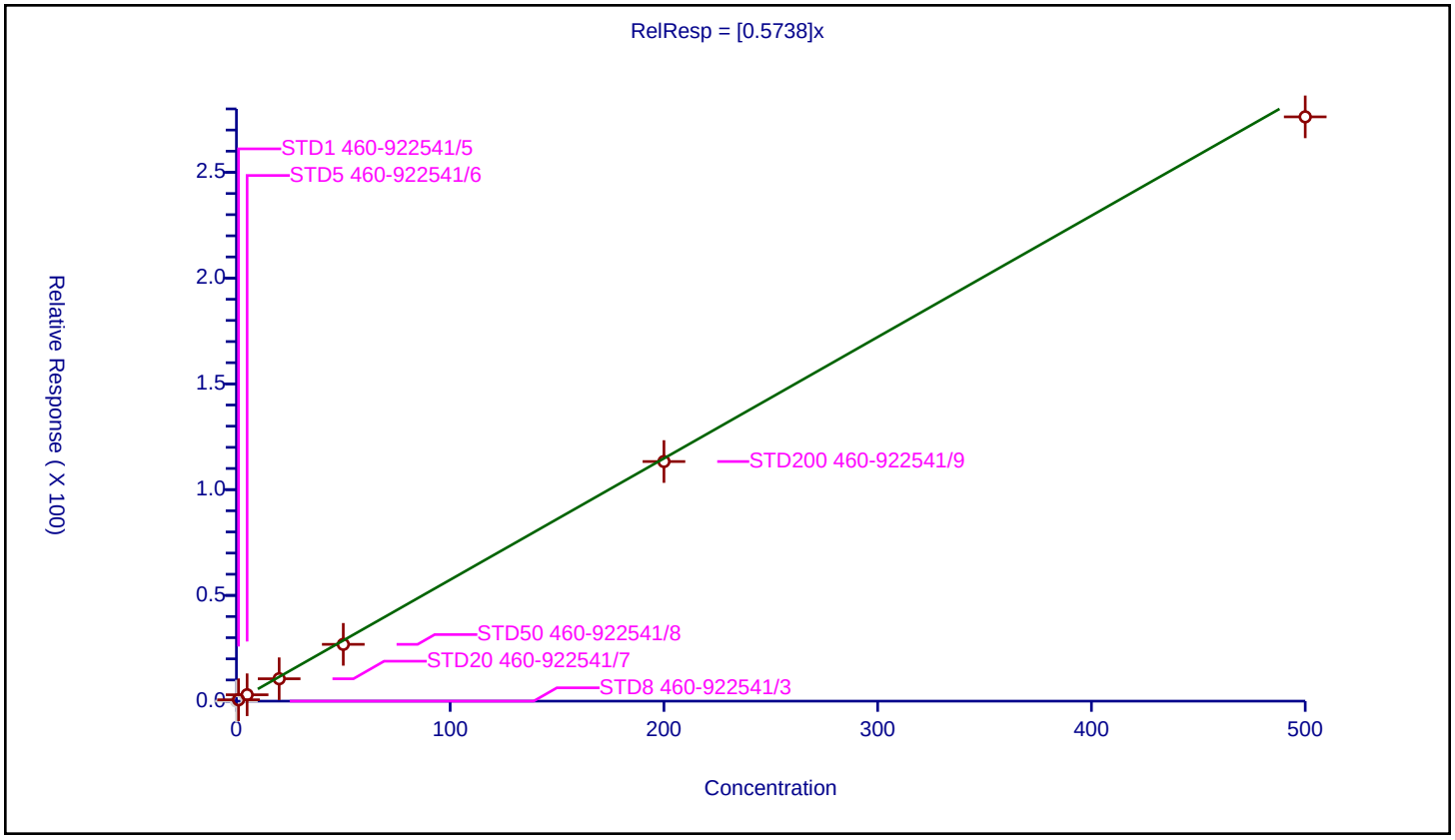
Curve Coefficients

Intercept:	0
Slope:	0.5738

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	8.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.65324	50.0	363419.0	0.65324	Y
3	STD5 460-922541/6	5.0	3.021267	50.0	330325.0	0.604253	Y
4	STD20 460-922541/7	20.0	10.587572	50.0	385485.0	0.529379	Y
5	STD50 460-922541/8	50.0	26.847235	50.0	387850.0	0.536945	Y
6	STD200 460-922541/9	200.0	113.280761	50.0	378717.0	0.566404	Y
7	STD500 460-922541/10	500.0	276.232276	50.0	404536.0	0.552465	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

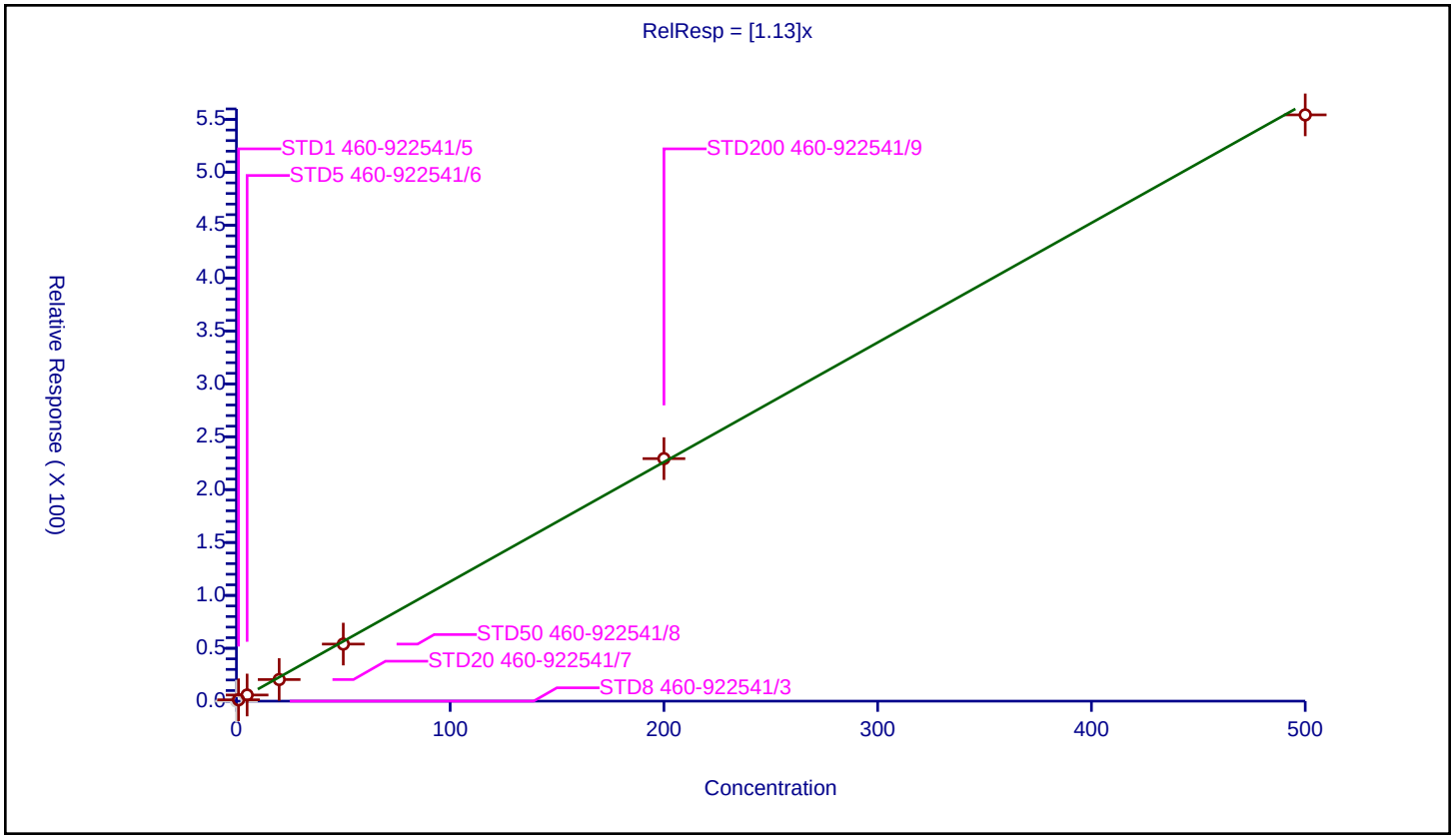
Curve Coefficients

Intercept:	0
Slope:	1.13

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.268233	50.0	363419.0	1.268233	Y
3	STD5 460-922541/6	5.0	5.793385	50.0	330325.0	1.158677	Y
4	STD20 460-922541/7	20.0	20.416359	50.0	385485.0	1.020818	Y
5	STD50 460-922541/8	50.0	53.968158	50.0	387850.0	1.079363	Y
6	STD200 460-922541/9	200.0	229.309616	50.0	378717.0	1.146548	Y
7	STD500 460-922541/10	500.0	554.34609	50.0	404536.0	1.108692	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

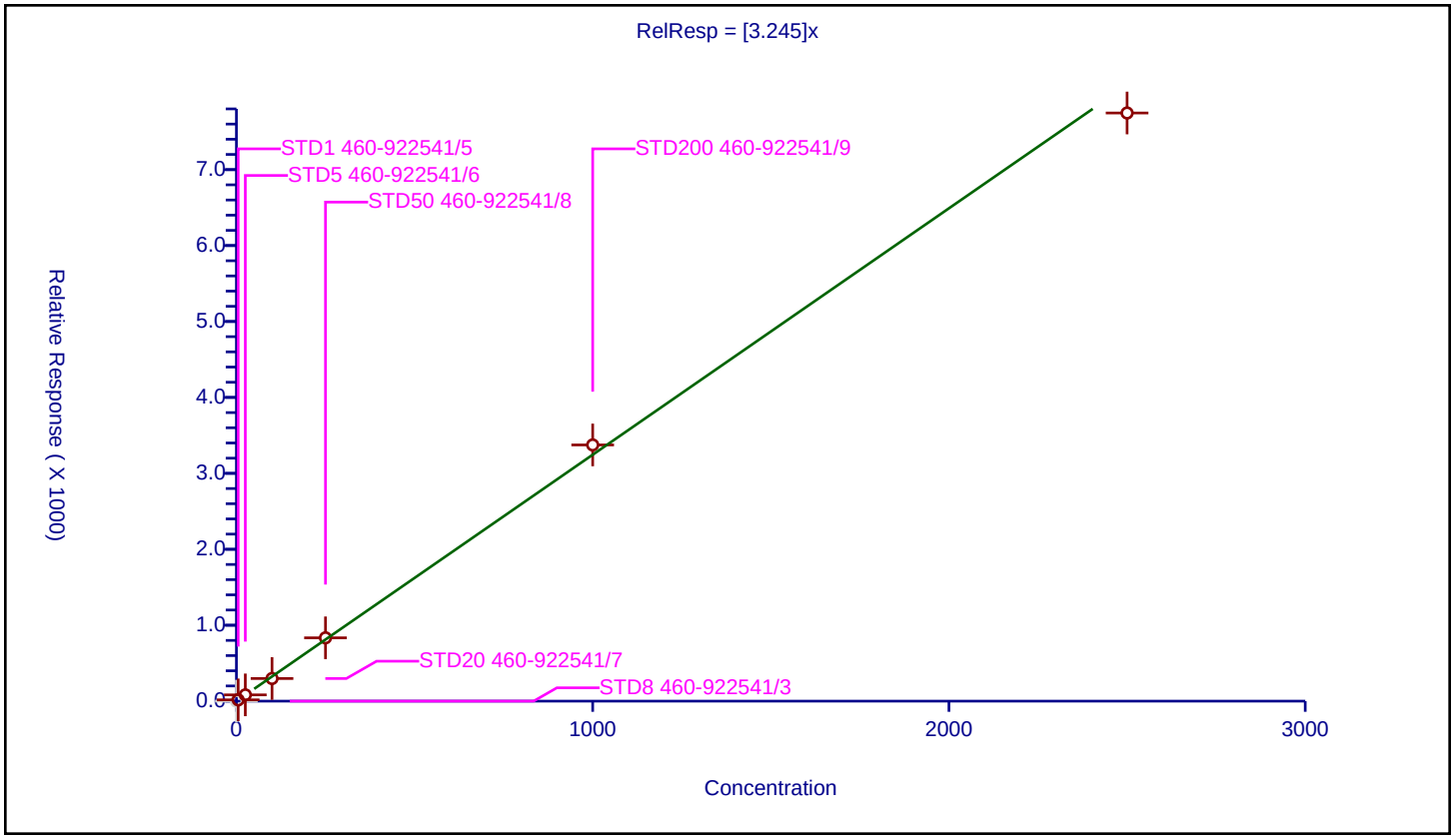
Curve Coefficients

Intercept:	0
Slope:	3.245

Error Coefficients

Standard Error:	4450000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	250.0	195911.0	NaN	N
2	STD1 460-922541/5	5.0	16.870106	250.0	214151.0	3.374021	Y
3	STD5 460-922541/6	25.0	82.700986	250.0	194777.0	3.308039	Y
4	STD20 460-922541/7	100.0	298.090129	250.0	241011.0	2.980901	Y
5	STD50 460-922541/8	250.0	833.919791	250.0	240995.0	3.335679	Y
6	STD200 460-922541/9	1000.0	3374.430061	250.0	261651.0	3.37443	Y
7	STD500 460-922541/10	2500.0	7745.957551	250.0	299509.0	3.098383	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

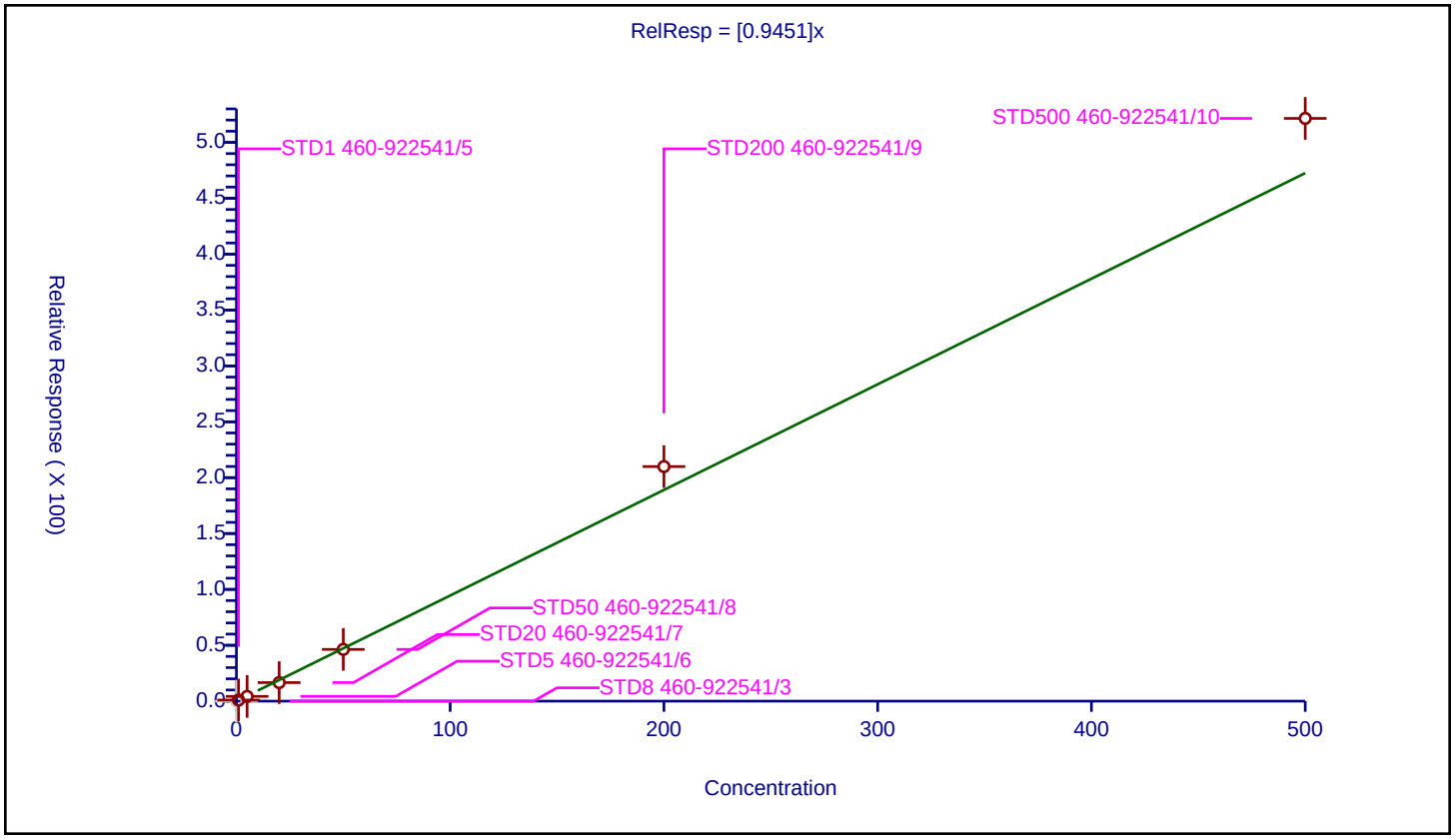
Curve Coefficients

Intercept:	0
Slope:	0.9451

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	9.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.971331	50.0	363419.0	0.971331	Y
3	STD5 460-922541/6	5.0	4.254295	50.0	330325.0	0.850859	Y
4	STD20 460-922541/7	20.0	16.594031	50.0	385485.0	0.829702	Y
5	STD50 460-922541/8	50.0	46.296506	50.0	387850.0	0.92593	Y
6	STD200 460-922541/9	200.0	209.926673	50.0	378717.0	1.049633	Y
7	STD500 460-922541/10	500.0	521.502413	50.0	404536.0	1.043005	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

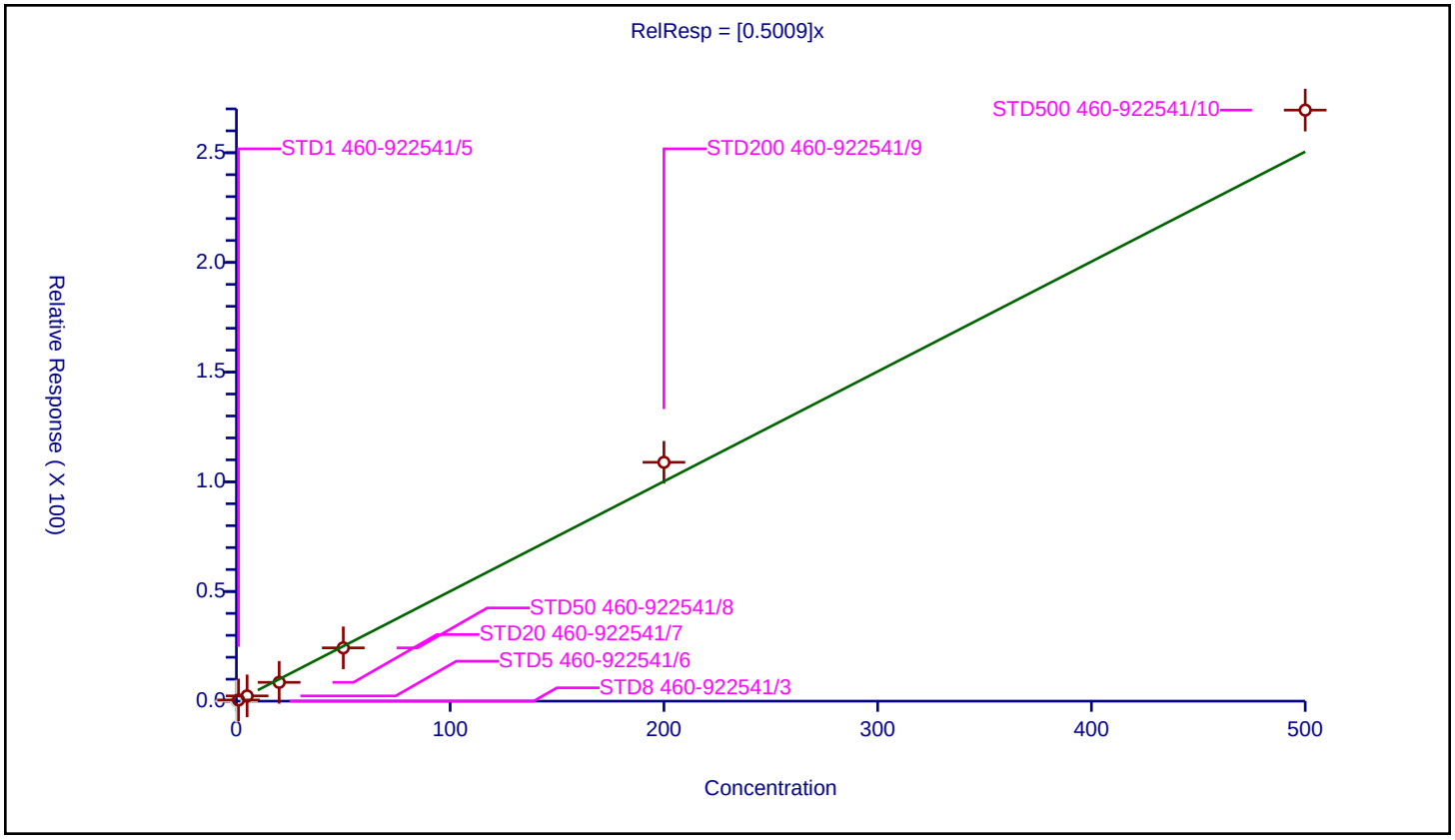
Curve Coefficients

Intercept:	0
Slope:	0.5009

Error Coefficients

Standard Error:	1050000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.53093	50.0	363419.0	0.53093	Y
3	STD5 460-922541/6	5.0	2.385832	50.0	330325.0	0.477166	Y
4	STD20 460-922541/7	20.0	8.568816	50.0	385485.0	0.428441	Y
5	STD50 460-922541/8	50.0	24.289287	50.0	387850.0	0.485786	Y
6	STD200 460-922541/9	200.0	108.888299	50.0	378717.0	0.544441	Y
7	STD500 460-922541/10	500.0	269.436465	50.0	404536.0	0.538873	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

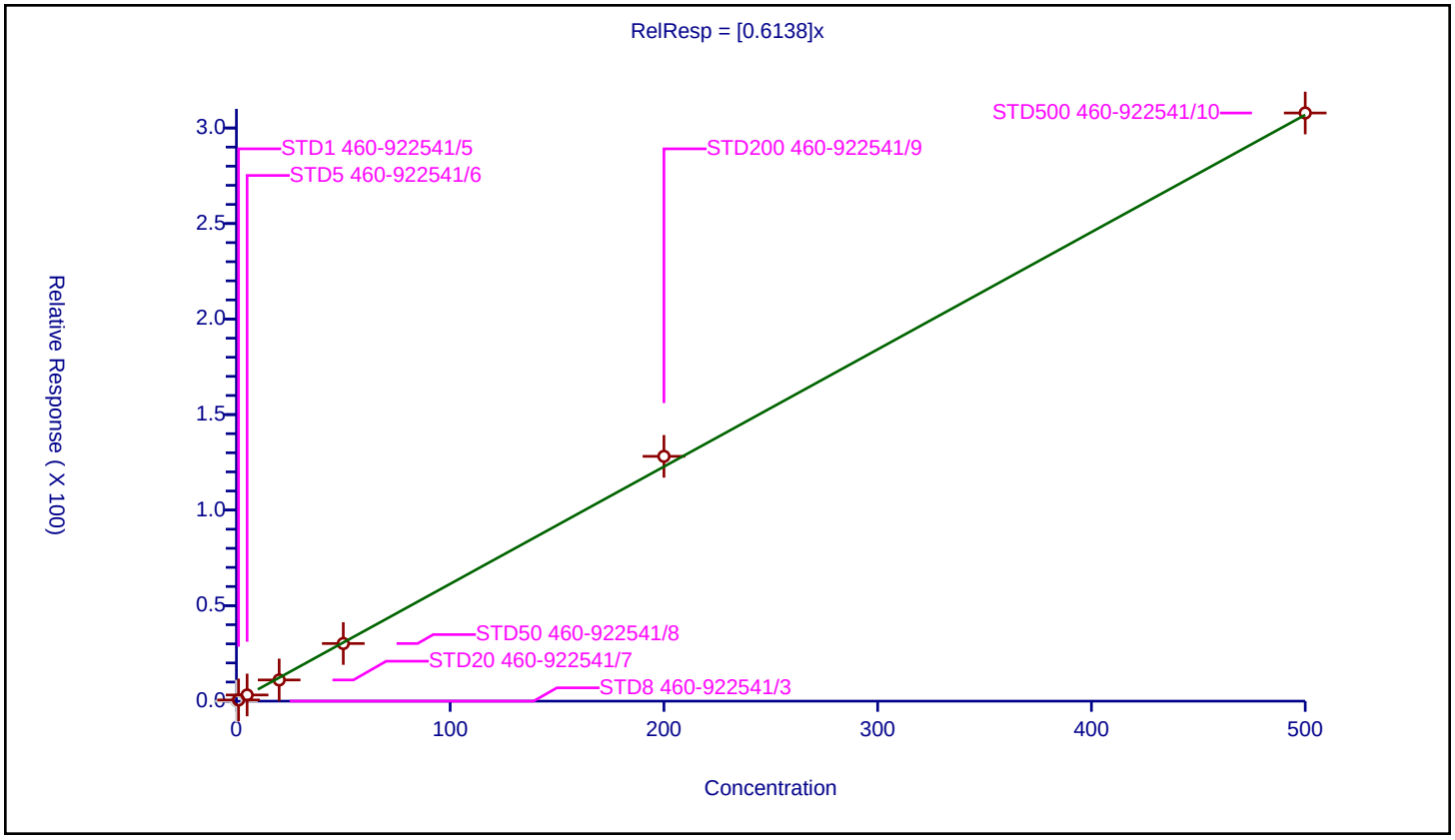
Curve Coefficients

Intercept:	0
Slope:	0.6138

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.623935	50.0	363419.0	0.623935	Y
3	STD5 460-922541/6	5.0	3.22213	50.0	330325.0	0.644426	Y
4	STD20 460-922541/7	20.0	11.094465	50.0	385485.0	0.554723	Y
5	STD50 460-922541/8	50.0	30.155601	50.0	387850.0	0.603112	Y
6	STD200 460-922541/9	200.0	128.13288	50.0	378717.0	0.640664	Y
7	STD500 460-922541/10	500.0	307.856779	50.0	404536.0	0.615714	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

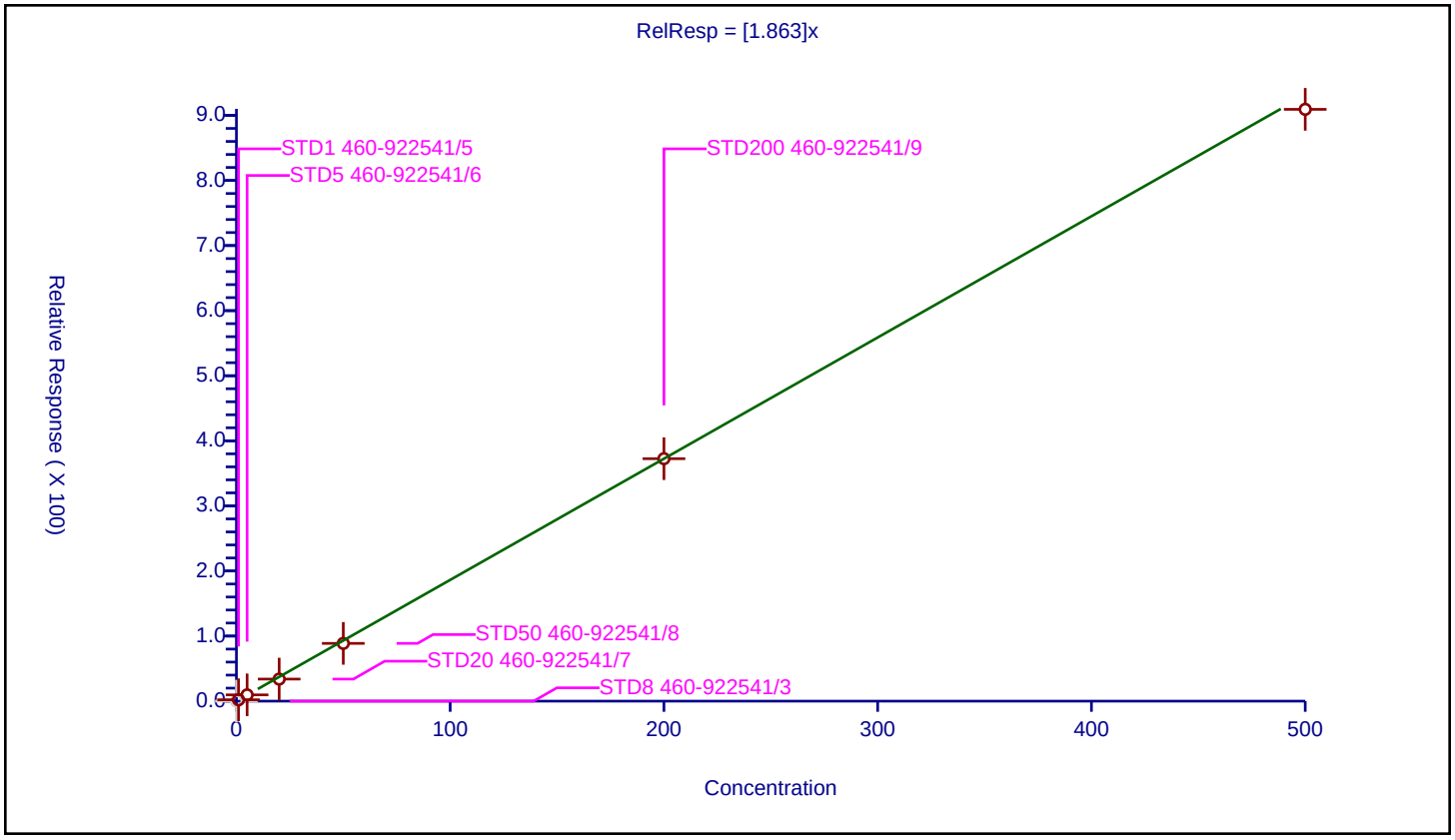
Curve Coefficients

Intercept:	0
Slope:	1.863

Error Coefficients

Standard Error:	3540000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	2.092076	50.0	363419.0	2.092076	Y
3	STD5 460-922541/6	5.0	9.655794	50.0	330325.0	1.931159	Y
4	STD20 460-922541/7	20.0	33.915198	50.0	385485.0	1.69576	Y
5	STD50 460-922541/8	50.0	88.748485	50.0	387850.0	1.77497	Y
6	STD200 460-922541/9	200.0	372.561438	50.0	378717.0	1.862807	Y
7	STD500 460-922541/10	500.0	909.306465	50.0	404536.0	1.818613	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

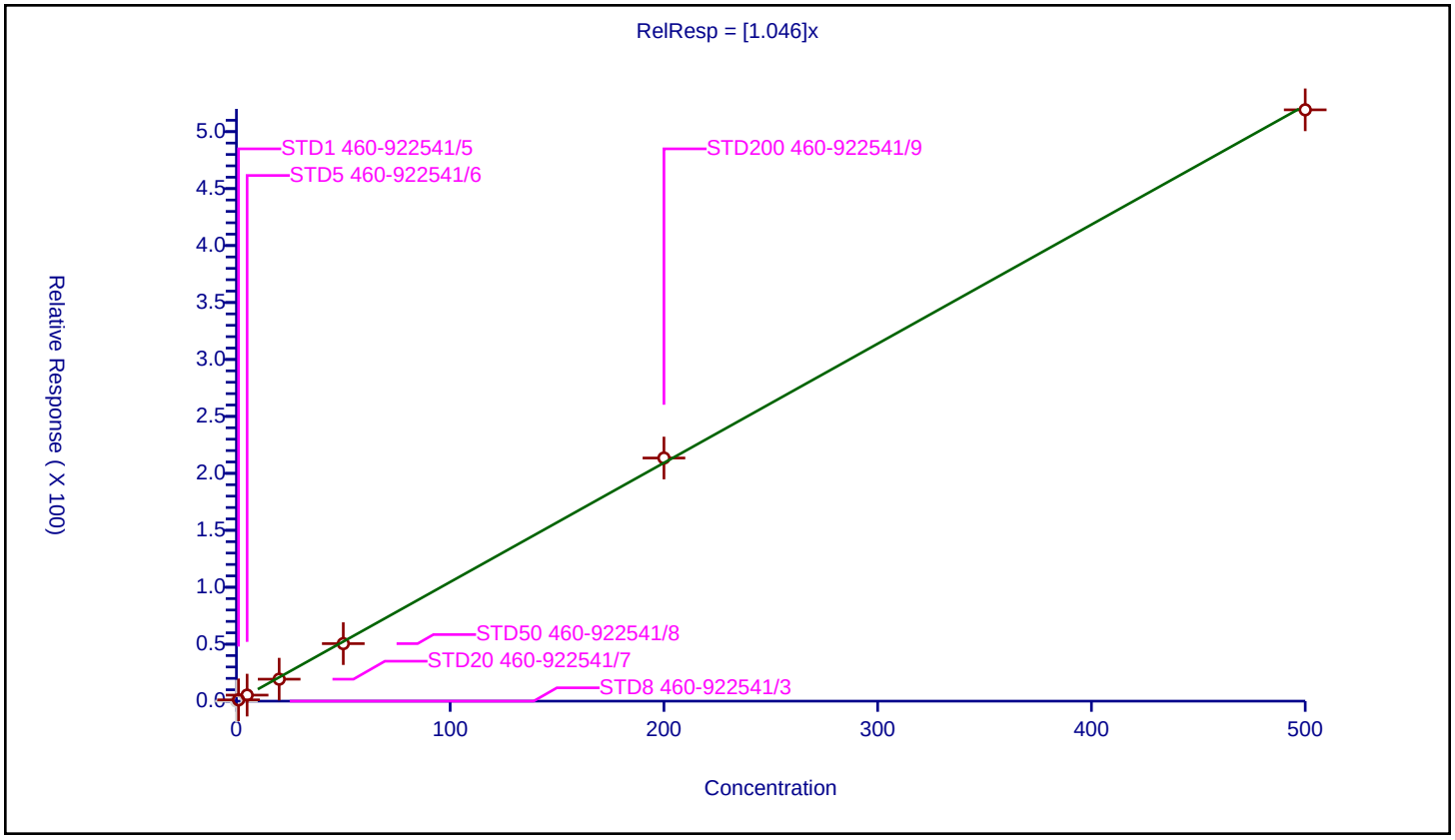
Curve Coefficients

Intercept:	0
Slope:	1.046

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.138631	50.0	363419.0	1.138631	Y
3	STD5 460-922541/6	5.0	5.290547	50.0	330325.0	1.058109	Y
4	STD20 460-922541/7	20.0	19.279349	50.0	385485.0	0.963967	Y
5	STD50 460-922541/8	50.0	50.495423	50.0	387850.0	1.009908	Y
6	STD200 460-922541/9	200.0	213.47695	50.0	378717.0	1.067385	Y
7	STD500 460-922541/10	500.0	519.171965	50.0	404536.0	1.038344	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

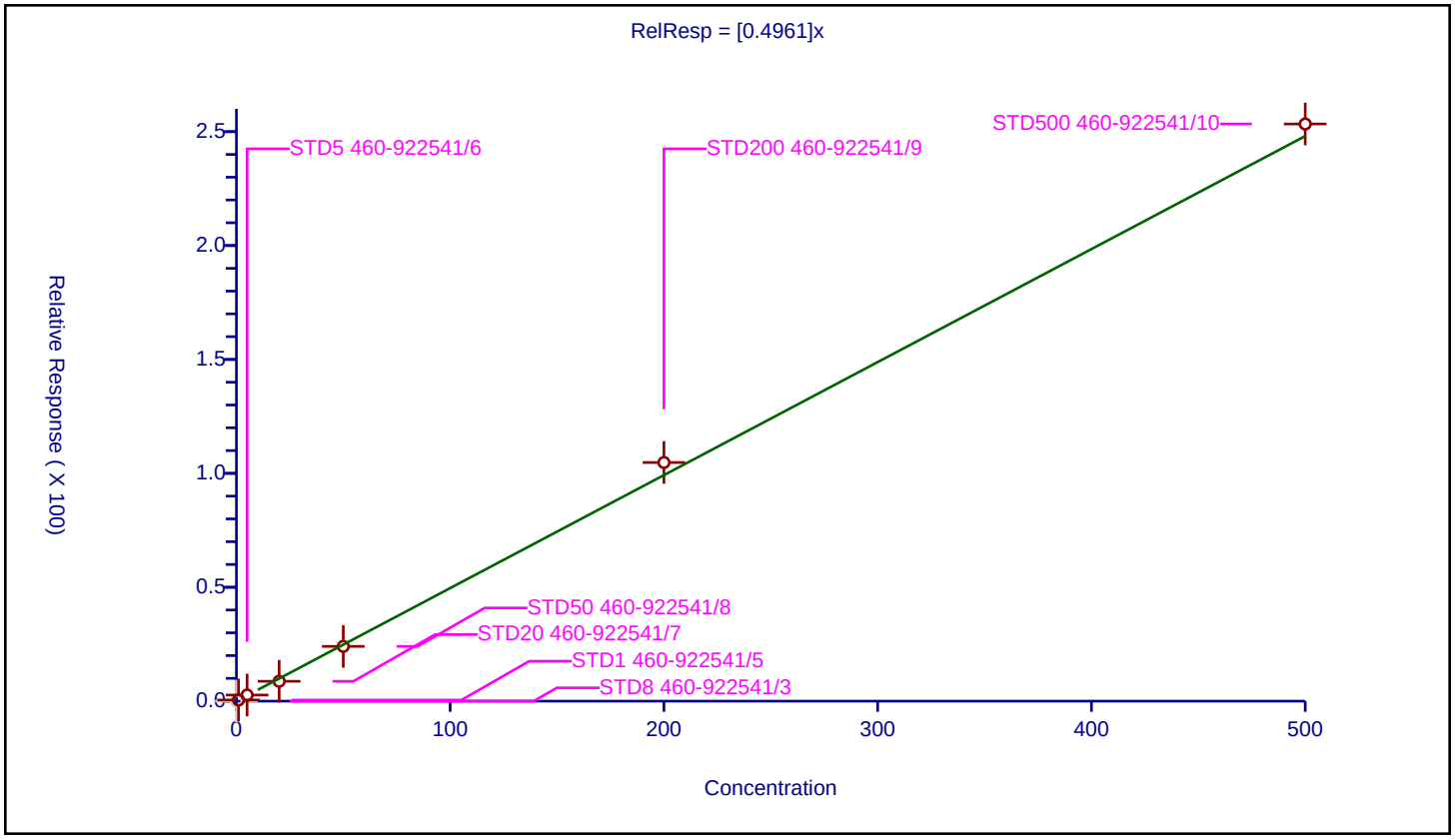
Curve Coefficients

Intercept:	0
Slope:	0.4961

Error Coefficients

Standard Error:	987000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.493507	50.0	363419.0	0.493507	Y
3	STD5 460-922541/6	5.0	2.681904	50.0	330325.0	0.536381	Y
4	STD20 460-922541/7	20.0	8.710974	50.0	385485.0	0.435549	Y
5	STD50 460-922541/8	50.0	24.035452	50.0	387850.0	0.480709	Y
6	STD200 460-922541/9	200.0	104.764376	50.0	378717.0	0.523822	Y
7	STD500 460-922541/10	500.0	253.36818	50.0	404536.0	0.506736	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

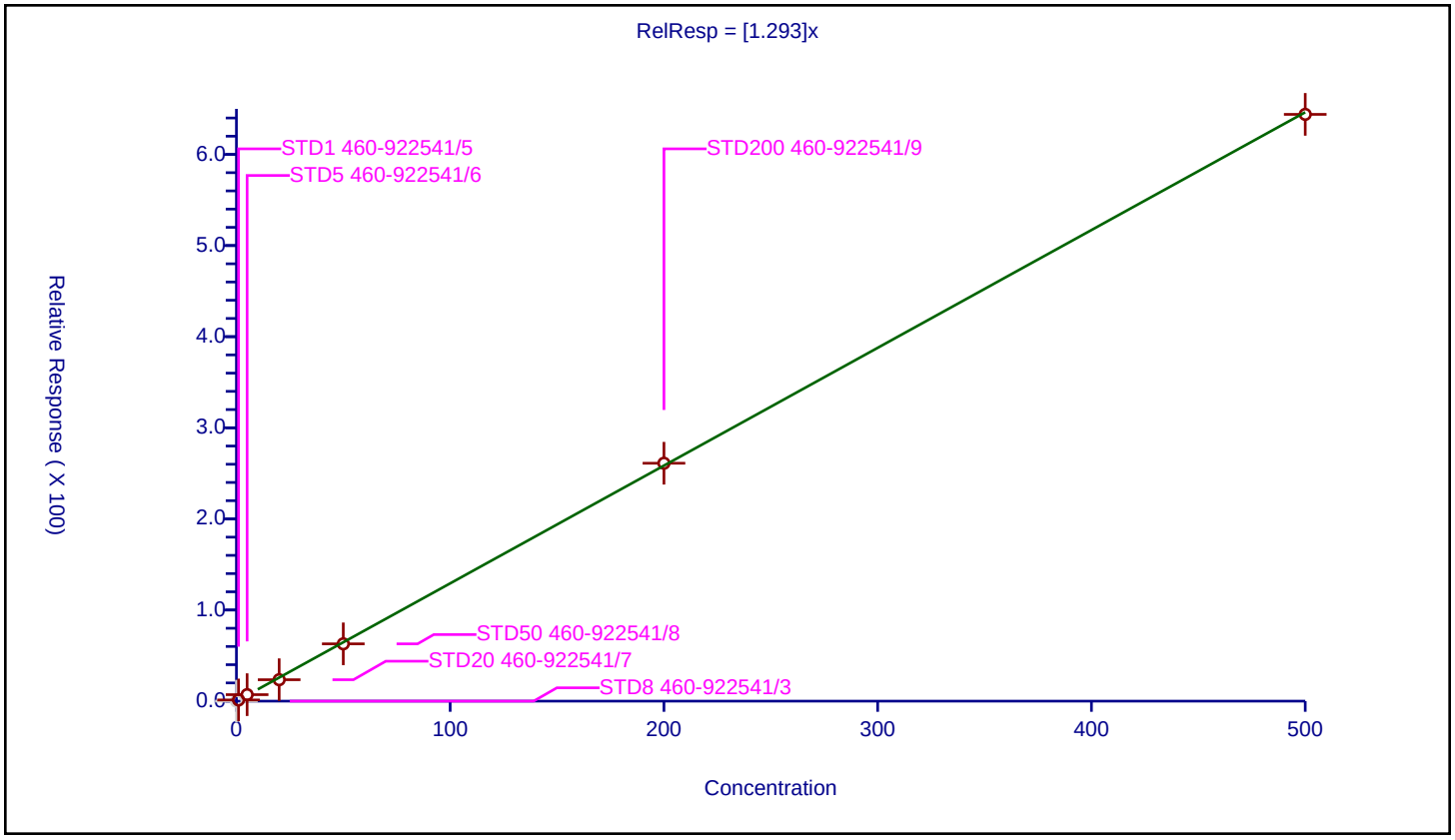
Curve Coefficients

Intercept:	0
Slope:	1.293

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.305105	50.0	363419.0	1.305105	Y
3	STD5 460-922541/6	5.0	7.114811	50.0	330325.0	1.422962	Y
4	STD20 460-922541/7	20.0	23.522835	50.0	385485.0	1.176142	Y
5	STD50 460-922541/8	50.0	62.89532	50.0	387850.0	1.257906	Y
6	STD200 460-922541/9	200.0	261.102485	50.0	378717.0	1.305512	Y
7	STD500 460-922541/10	500.0	643.979399	50.0	404536.0	1.287959	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

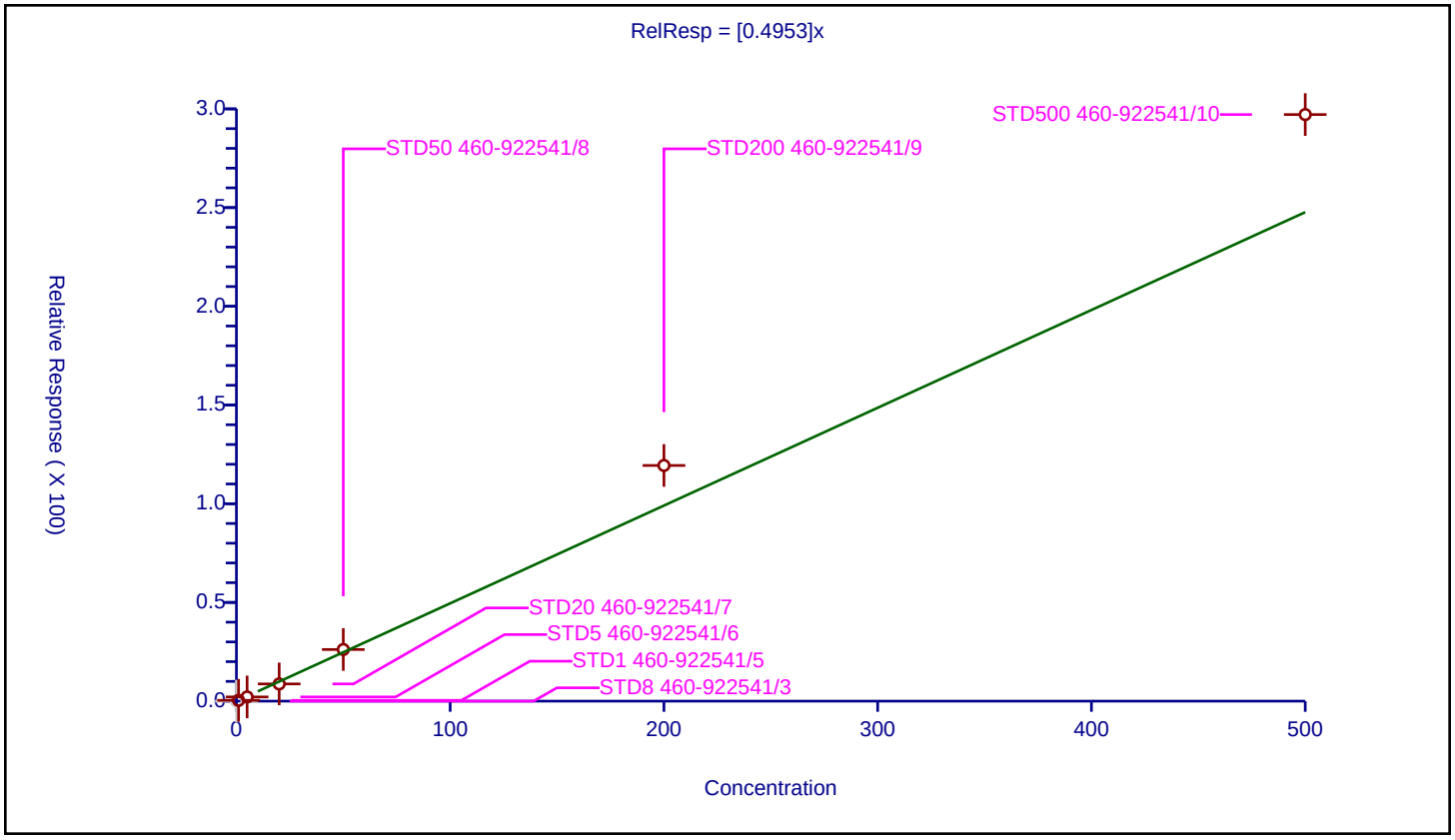
Curve Coefficients

Intercept:	0
Slope:	0.4953

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	17.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.39665	50.0	363419.0	0.39665	Y
3	STD5 460-922541/6	5.0	2.125634	50.0	330325.0	0.425127	Y
4	STD20 460-922541/7	20.0	8.718497	50.0	385485.0	0.435925	Y
5	STD50 460-922541/8	50.0	26.154828	50.0	387850.0	0.523097	Y
6	STD200 460-922541/9	200.0	119.383471	50.0	378717.0	0.596917	Y
7	STD500 460-922541/10	500.0	297.128191	50.0	404536.0	0.594256	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

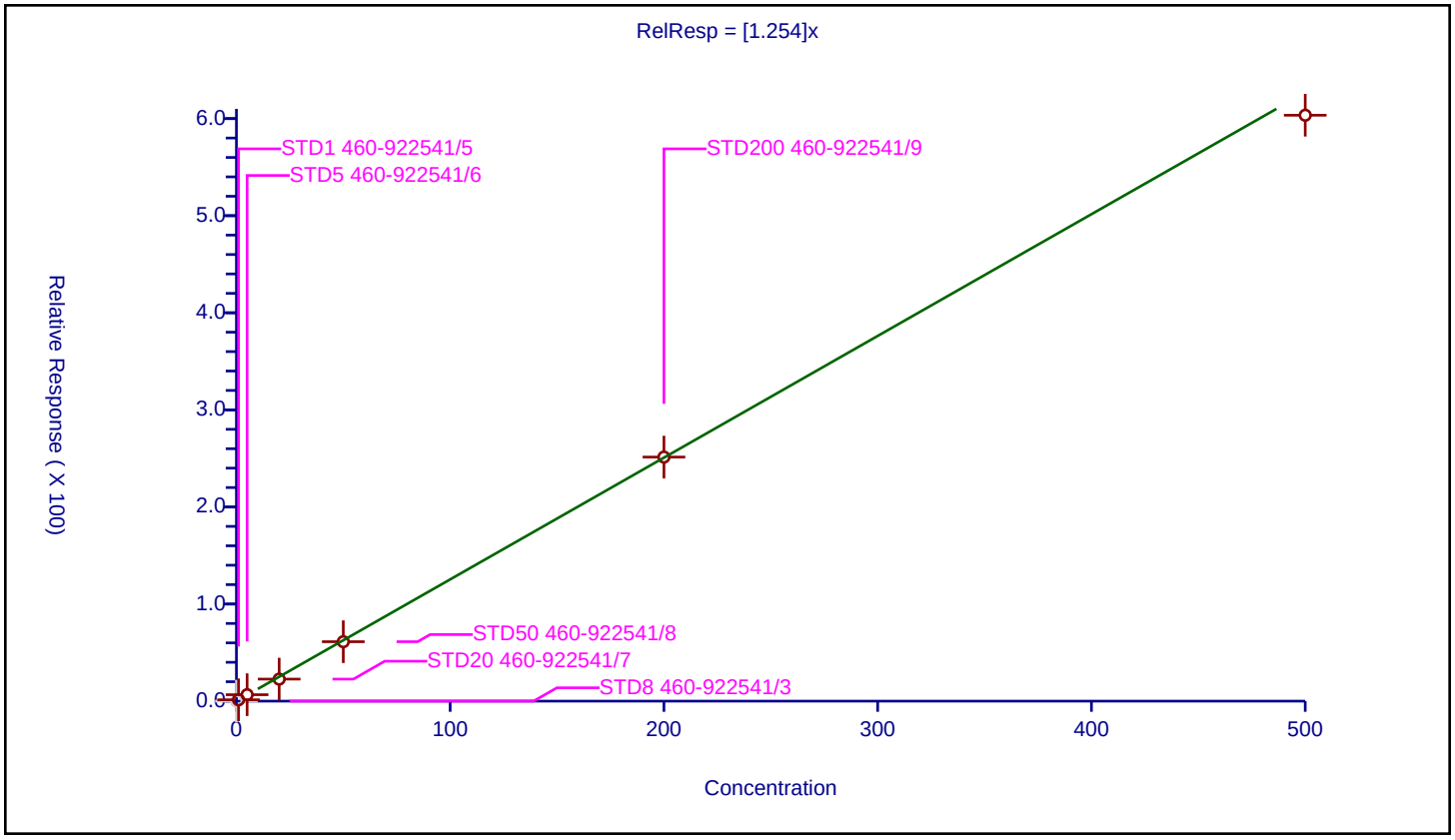
Curve Coefficients

Intercept:	0
Slope:	1.254

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.373346	50.0	363419.0	1.373346	Y
3	STD5 460-922541/6	5.0	6.63271	50.0	330325.0	1.326542	Y
4	STD20 460-922541/7	20.0	22.698549	50.0	385485.0	1.134927	Y
5	STD50 460-922541/8	50.0	61.209488	50.0	387850.0	1.22419	Y
6	STD200 460-922541/9	200.0	251.37781	50.0	378717.0	1.256889	Y
7	STD500 460-922541/10	500.0	603.480284	50.0	404536.0	1.206961	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

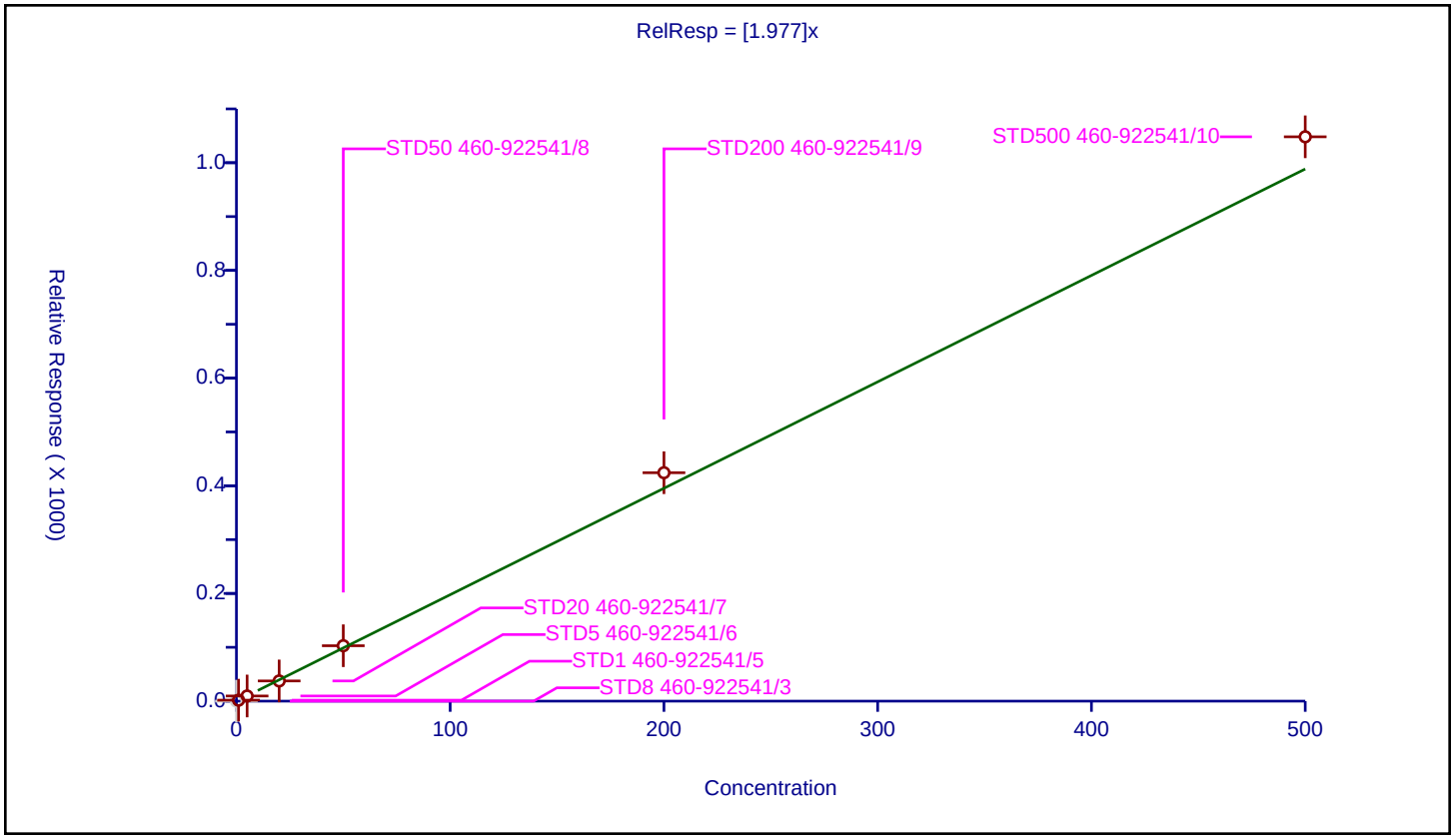
Curve Coefficients

Intercept:	0
Slope:	1.977

Error Coefficients

Standard Error:	4070000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	1.792009	50.0	363419.0	1.792009	Y
3	STD5 460-922541/6	5.0	9.58011	50.0	330325.0	1.916022	Y
4	STD20 460-922541/7	20.0	37.528438	50.0	385485.0	1.876422	Y
5	STD50 460-922541/8	50.0	102.915302	50.0	387850.0	2.058306	Y
6	STD200 460-922541/9	200.0	424.286869	50.0	378717.0	2.121434	Y
7	STD500 460-922541/10	500.0	1048.143429	50.0	404536.0	2.096287	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

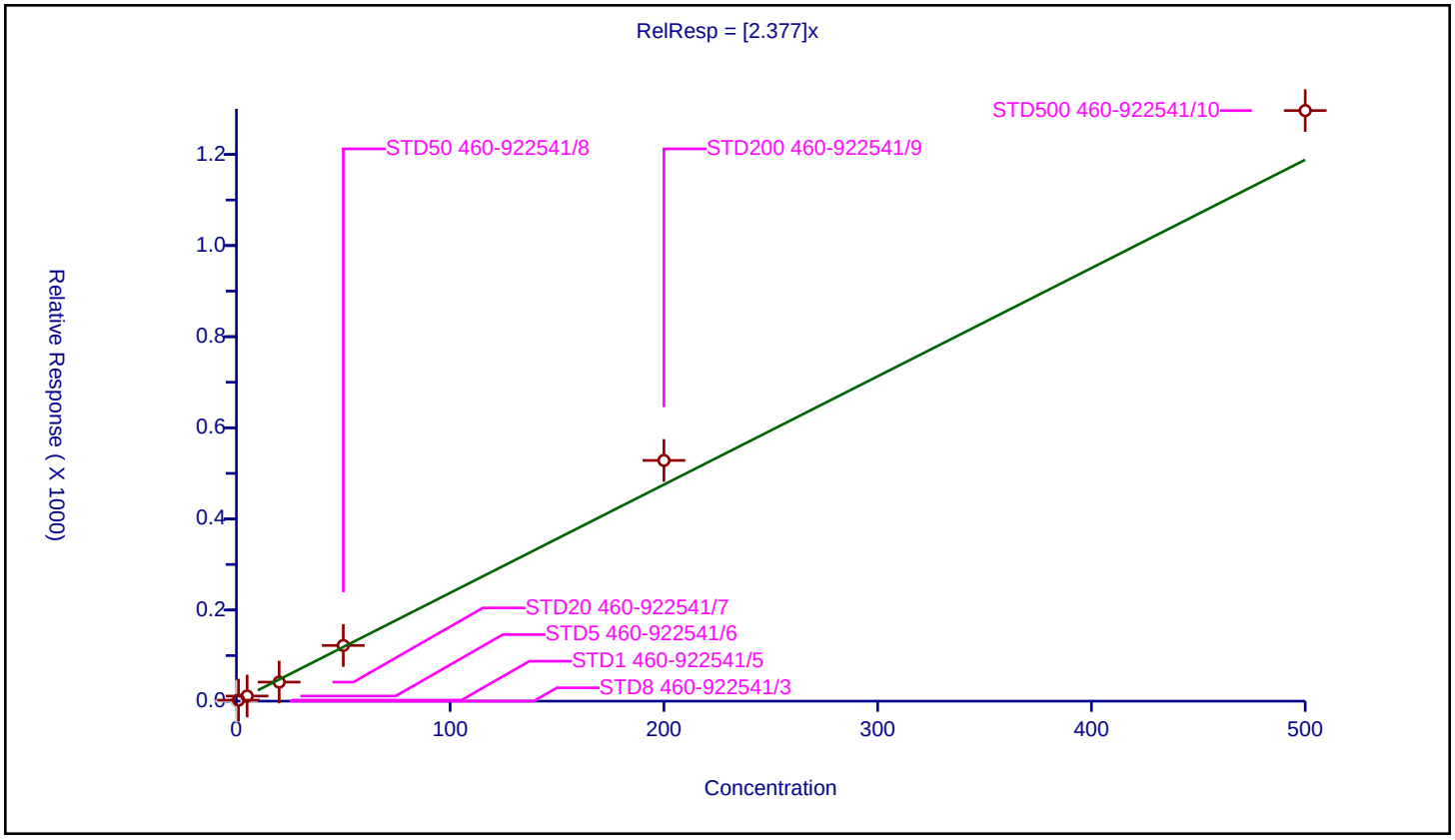
Curve Coefficients

Intercept:	0
Slope:	2.377

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.233377	50.0	151900.0	2.233377	Y
3	STD5 460-922541/6	5.0	11.275206	50.0	137962.0	2.255041	Y
4	STD20 460-922541/7	20.0	41.841367	50.0	167430.0	2.092068	Y
5	STD50 460-922541/8	50.0	122.239744	50.0	161706.0	2.444795	Y
6	STD200 460-922541/9	200.0	528.397815	50.0	164363.0	2.641989	Y
7	STD500 460-922541/10	500.0	1296.254717	50.0	177797.0	2.592509	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

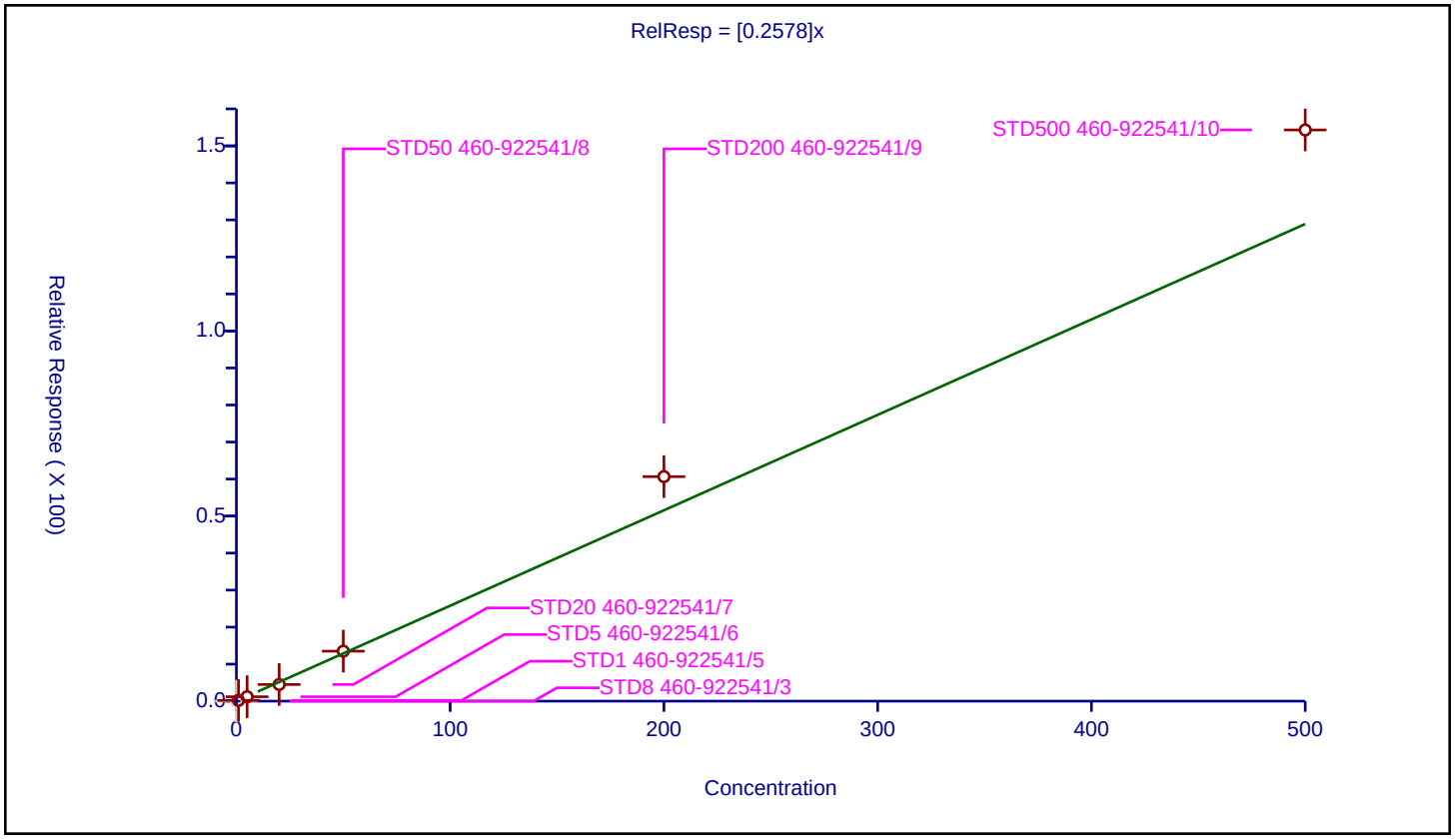
Curve Coefficients

Intercept:	0
Slope:	0.2578

Error Coefficients

Standard Error:	597000
Relative Standard Error:	16.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	0.202383	50.0	363419.0	0.202383	Y
3	STD5 460-922541/6	5.0	1.188981	50.0	330325.0	0.237796	Y
4	STD20 460-922541/7	20.0	4.492652	50.0	385485.0	0.224633	Y
5	STD50 460-922541/8	50.0	13.505479	50.0	387850.0	0.27011	Y
6	STD200 460-922541/9	200.0	60.650169	50.0	378717.0	0.303251	Y
7	STD500 460-922541/10	500.0	154.311112	50.0	404536.0	0.308622	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

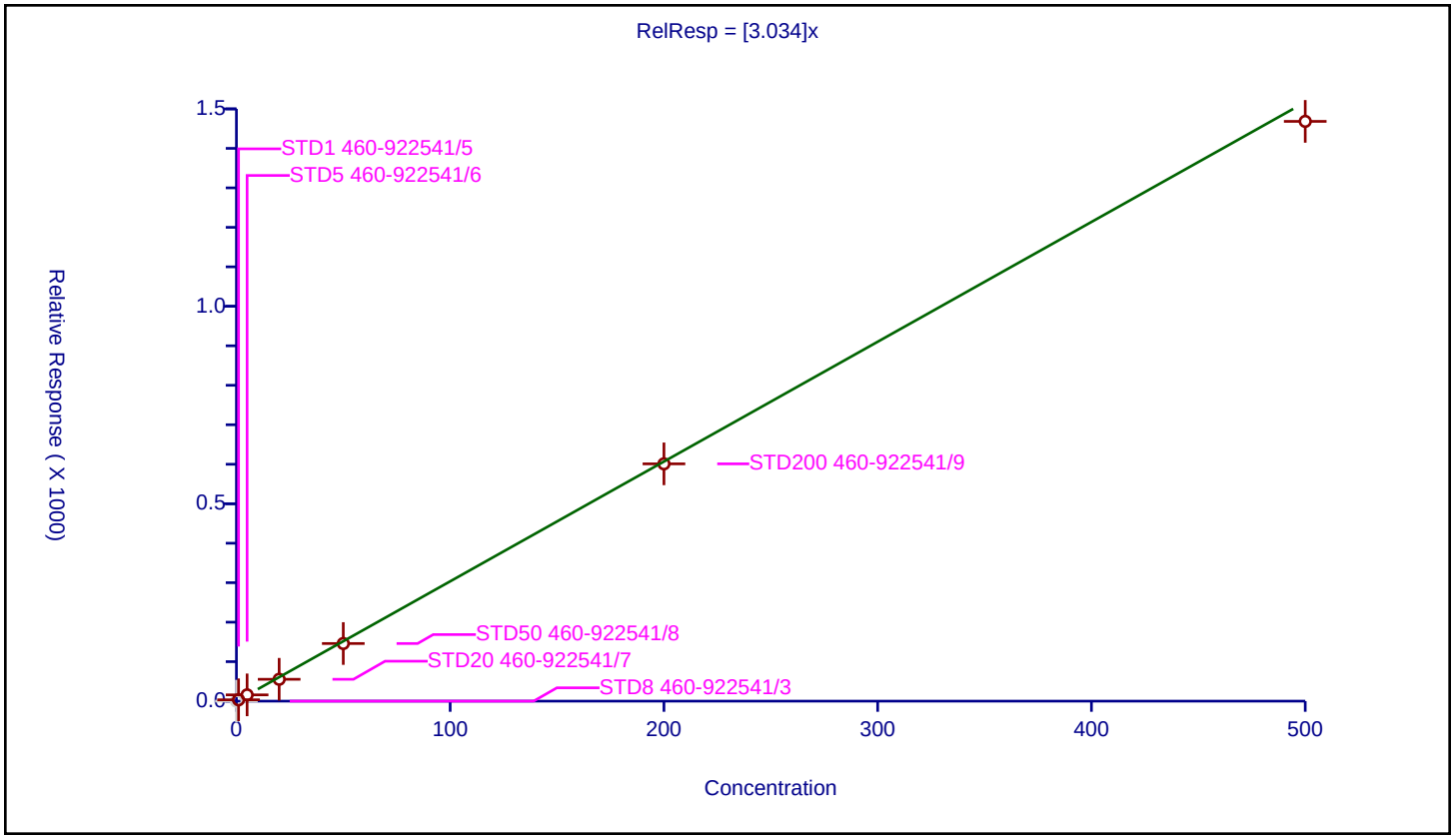
Curve Coefficients

Intercept:	0
Slope:	3.034

Error Coefficients

Standard Error:	5710000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	349815.0	NaN	N
2	STD1 460-922541/5	1.0	3.399795	50.0	363419.0	3.399795	Y
3	STD5 460-922541/6	5.0	15.886021	50.0	330325.0	3.177204	Y
4	STD20 460-922541/7	20.0	55.330428	50.0	385485.0	2.766521	Y
5	STD50 460-922541/8	50.0	145.963517	50.0	387850.0	2.91927	Y
6	STD200 460-922541/9	200.0	600.987149	50.0	378717.0	3.004936	Y
7	STD500 460-922541/10	500.0	1468.333968	50.0	404536.0	2.936668	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

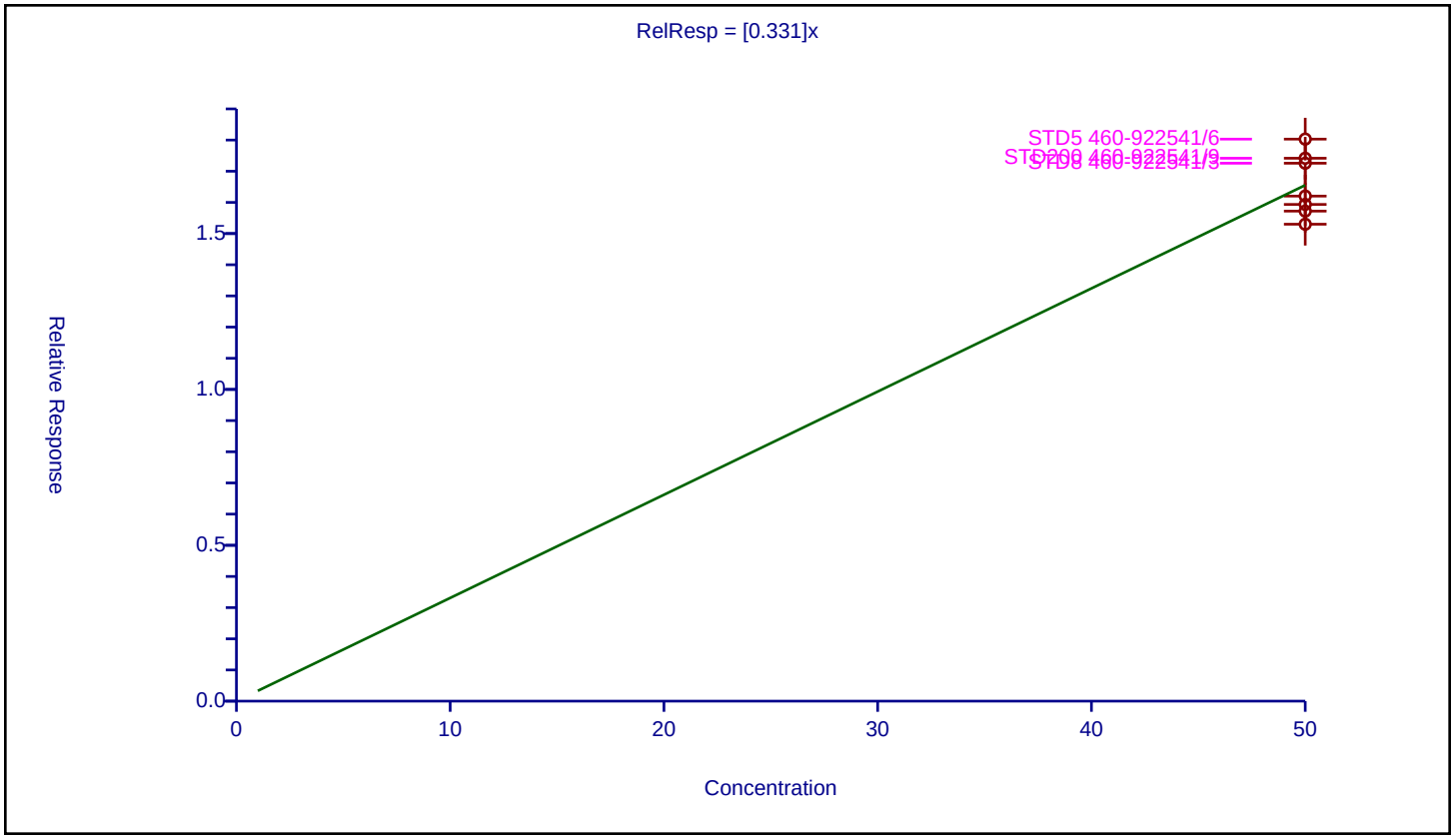
Curve Coefficients

Intercept:	0
Slope:	0.331

Error Coefficients

Standard Error:	133000
Relative Standard Error:	6.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	50.0	17.256693	50.0	349815.0	0.345134	Y
2	STD1 460-922541/5	50.0	15.299971	50.0	363419.0	0.305999	Y
3	STD5 460-922541/6	50.0	18.030273	50.0	330325.0	0.360605	Y
4	STD20 460-922541/7	50.0	16.202446	50.0	385485.0	0.324049	Y
5	STD50 460-922541/8	50.0	15.720382	50.0	387850.0	0.314408	Y
6	STD200 460-922541/9	50.0	17.416963	50.0	378717.0	0.348339	Y
7	STD500 460-922541/10	50.0	15.934923	50.0	404536.0	0.318698	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

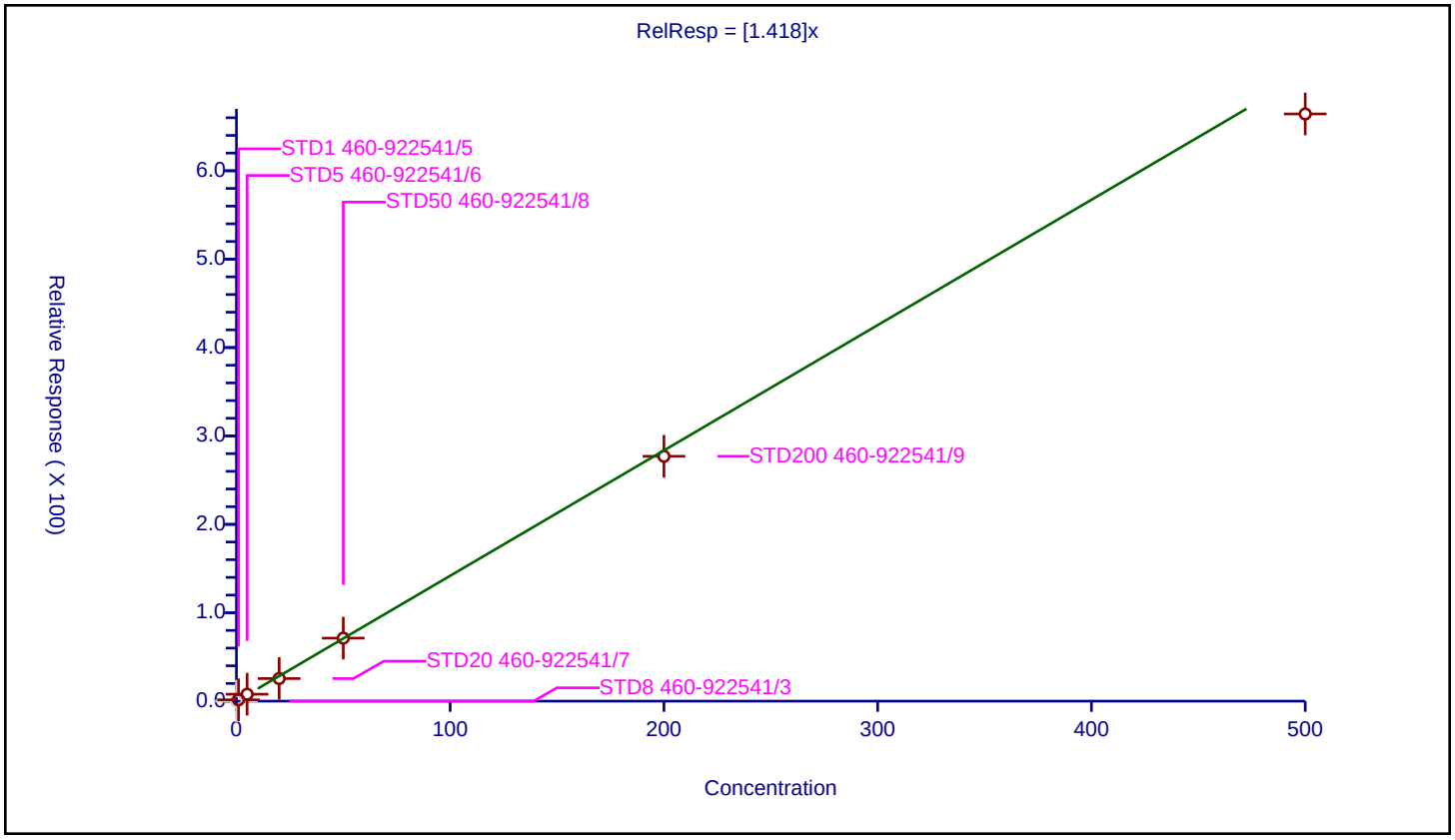
Curve Coefficients

Intercept:	0
Slope:	1.418

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.525675	50.0	151900.0	1.525675	Y
3	STD5 460-922541/6	5.0	7.823531	50.0	137962.0	1.564706	Y
4	STD20 460-922541/7	20.0	25.567999	50.0	167430.0	1.2784	Y
5	STD50 460-922541/8	50.0	71.276576	50.0	161706.0	1.425532	Y
6	STD200 460-922541/9	200.0	276.967748	50.0	164363.0	1.384839	Y
7	STD500 460-922541/10	500.0	664.285393	50.0	177797.0	1.328571	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

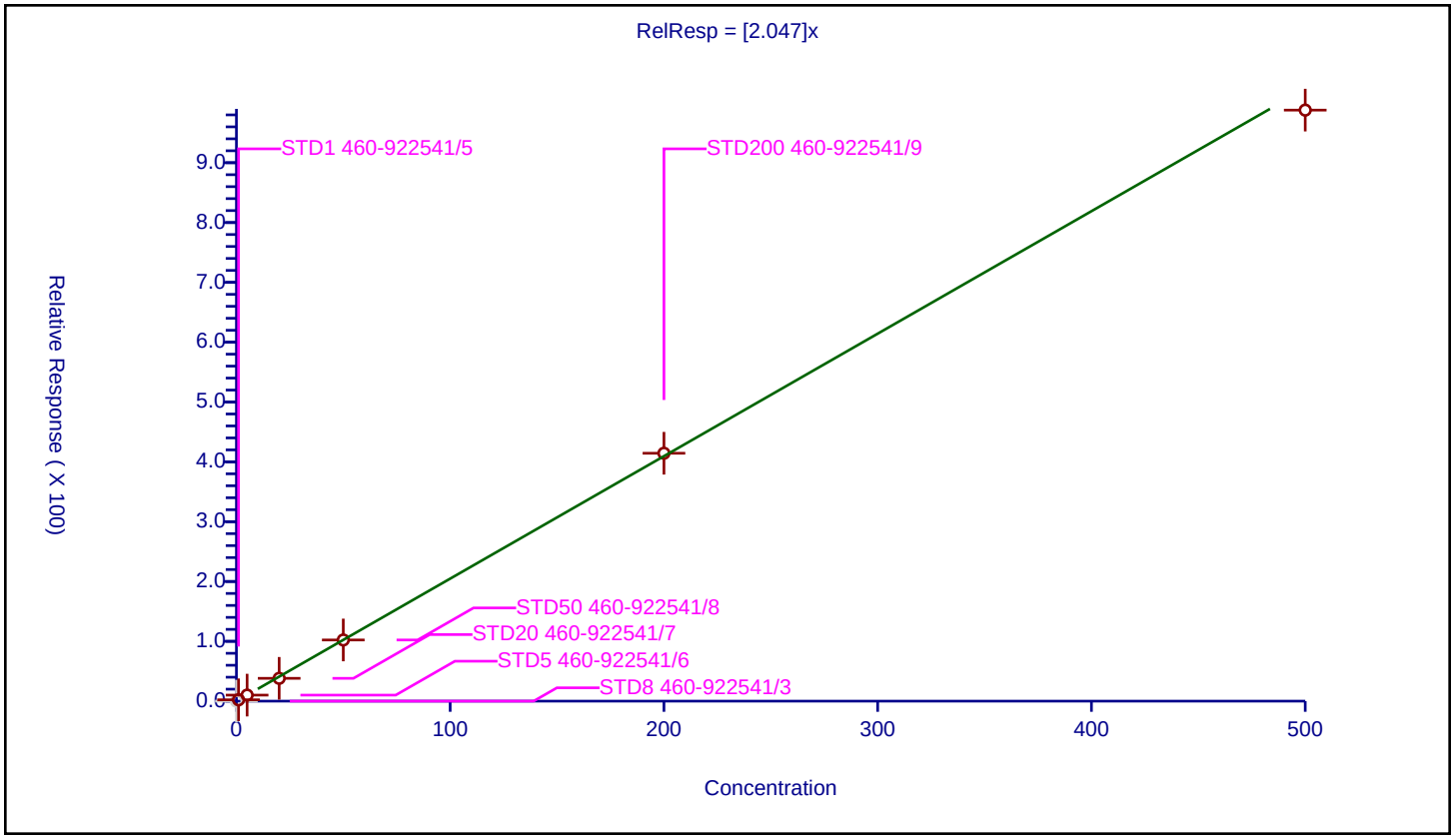
Curve Coefficients

Intercept:	0
Slope:	2.047

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.265306	50.0	151900.0	2.265306	Y
3	STD5 460-922541/6	5.0	10.098795	50.0	137962.0	2.019759	Y
4	STD20 460-922541/7	20.0	38.138028	50.0	167430.0	1.906901	Y
5	STD50 460-922541/8	50.0	102.256255	50.0	161706.0	2.045125	Y
6	STD200 460-922541/9	200.0	414.389796	50.0	164363.0	2.071949	Y
7	STD500 460-922541/10	500.0	987.959583	50.0	177797.0	1.975919	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

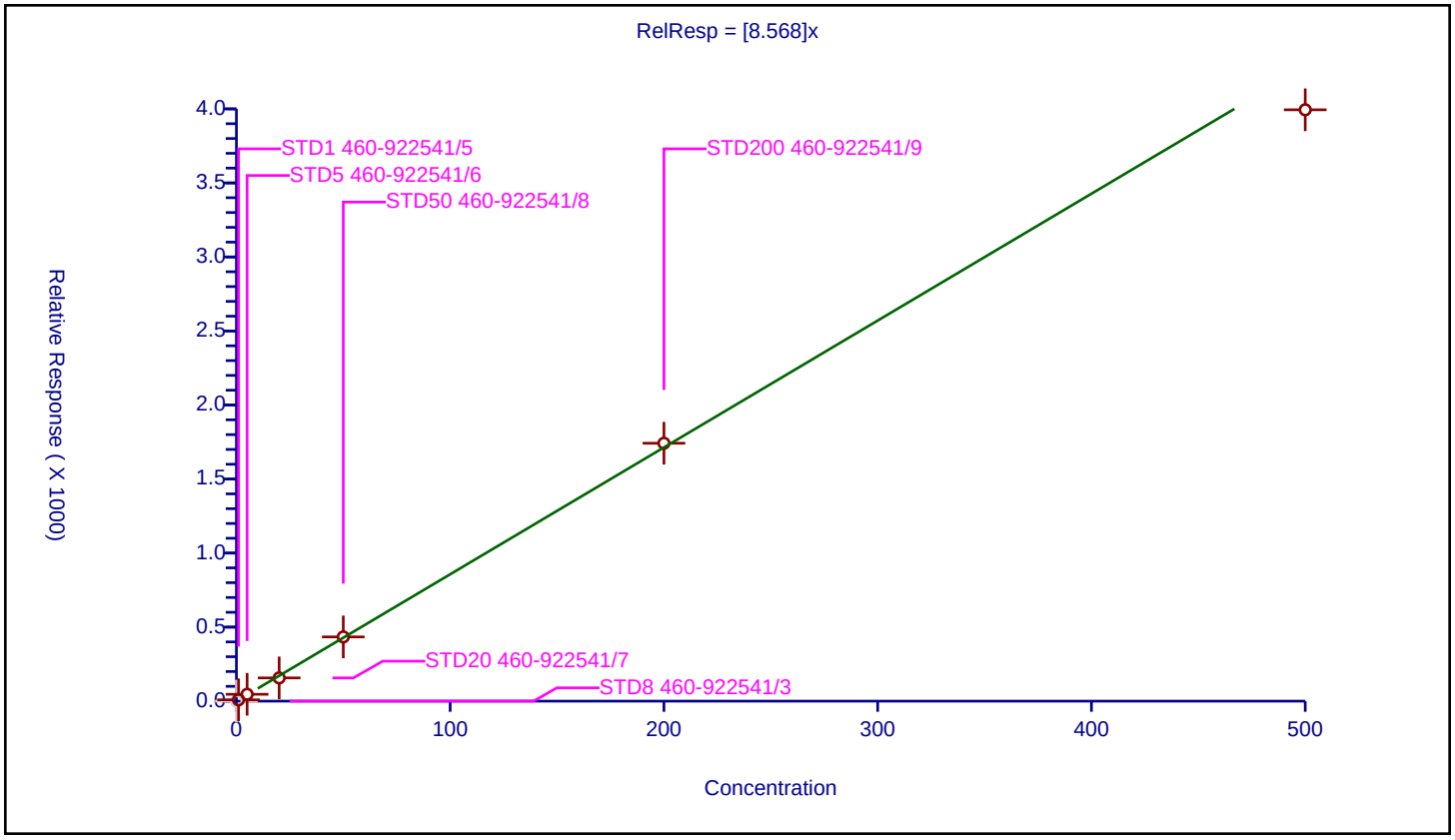
Curve Coefficients

Intercept:	0
Slope:	8.568

Error Coefficients

Standard Error:	6880000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	8.936142	50.0	151900.0	8.936142	Y
3	STD5 460-922541/6	5.0	46.25694	50.0	137962.0	9.251388	Y
4	STD20 460-922541/7	20.0	156.87989	50.0	167430.0	7.843995	Y
5	STD50 460-922541/8	50.0	433.868873	50.0	161706.0	8.677377	Y
6	STD200 460-922541/9	200.0	1741.892944	50.0	164363.0	8.709465	Y
7	STD500 460-922541/10	500.0	3993.95631	50.0	177797.0	7.987913	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

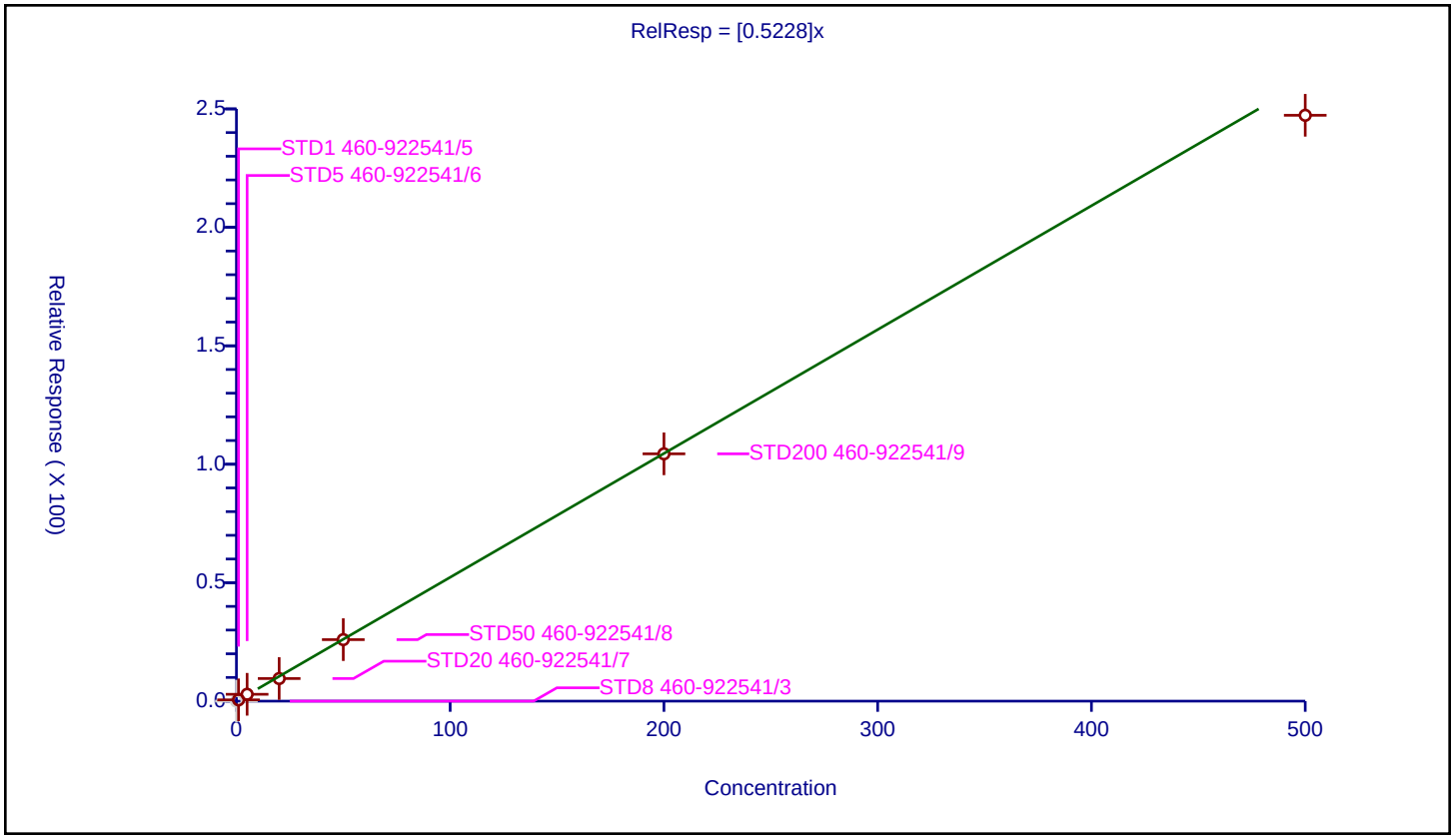
Curve Coefficients

Intercept:	0
Slope:	0.5228

Error Coefficients

Standard Error:	424000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	0.545425	50.0	151900.0	0.545425	Y
3	STD5 460-922541/6	5.0	2.892463	50.0	137962.0	0.578493	Y
4	STD20 460-922541/7	20.0	9.53503	50.0	167430.0	0.476751	Y
5	STD50 460-922541/8	50.0	25.969043	50.0	161706.0	0.519381	Y
6	STD200 460-922541/9	200.0	104.394541	50.0	164363.0	0.521973	Y
7	STD500 460-922541/10	500.0	247.298323	50.0	177797.0	0.494597	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

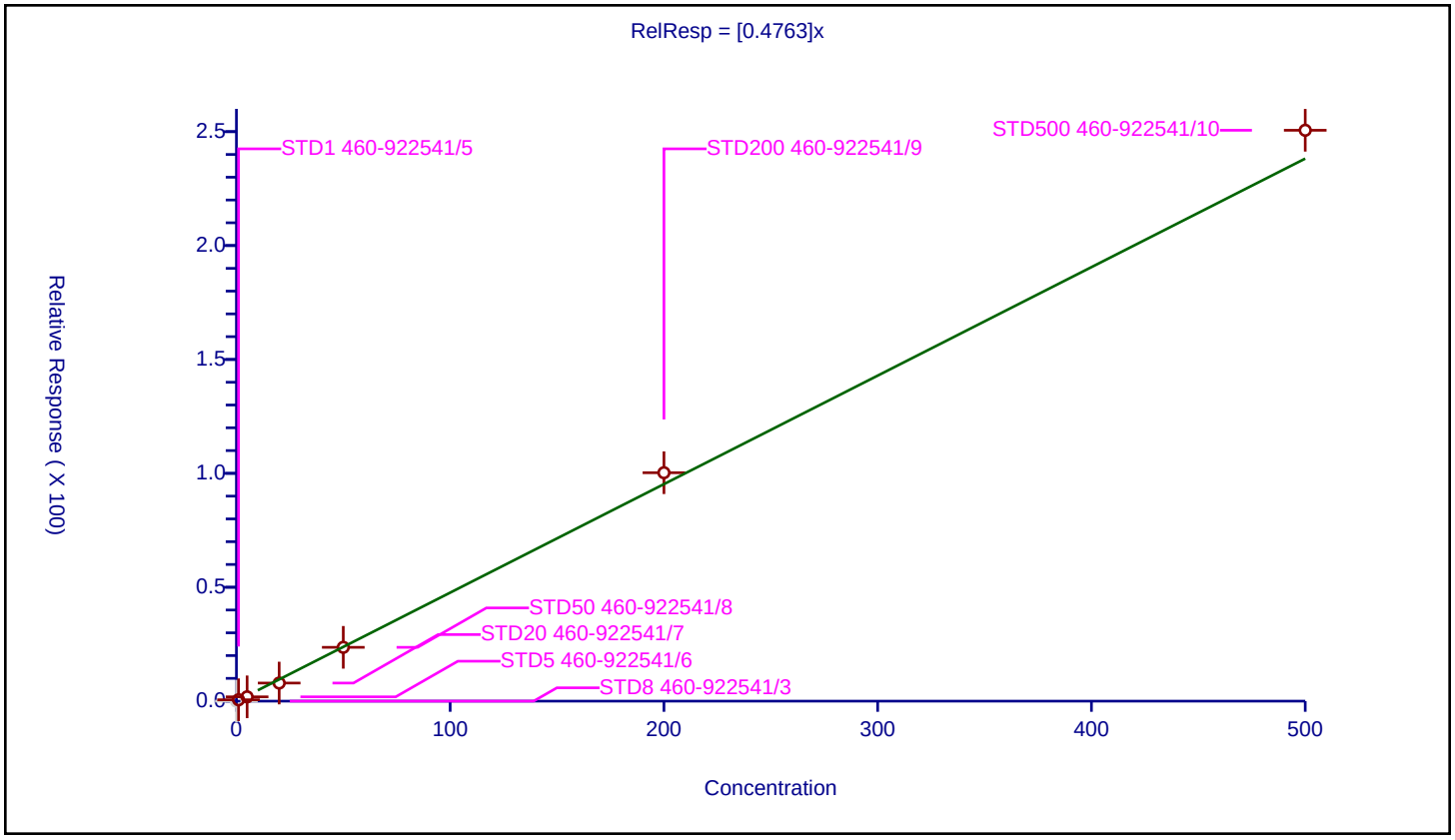
Curve Coefficients

Intercept:	0
Slope:	0.4763

Error Coefficients

Standard Error:	426000
Relative Standard Error:	17.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	0.607307	50.0	151900.0	0.607307	Y
3	STD5 460-922541/6	5.0	1.893275	50.0	137962.0	0.378655	Y
4	STD20 460-922541/7	20.0	7.940035	50.0	167430.0	0.397002	Y
5	STD50 460-922541/8	50.0	23.622191	50.0	161706.0	0.472444	Y
6	STD200 460-922541/9	200.0	100.281998	50.0	164363.0	0.50141	Y
7	STD500 460-922541/10	500.0	250.609684	50.0	177797.0	0.501219	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

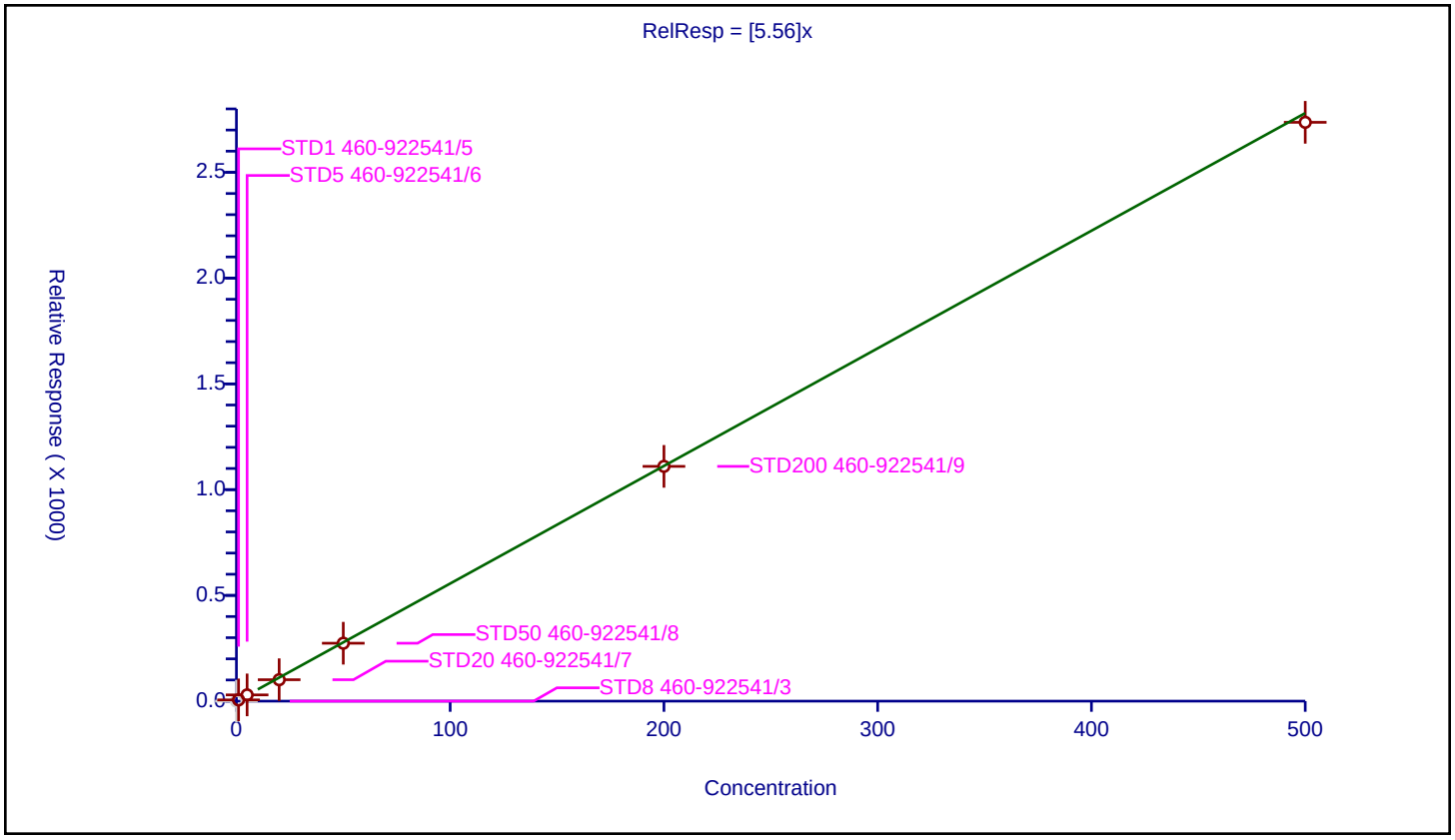
Curve Coefficients

Intercept:	0
Slope:	5.56

Error Coefficients

Standard Error:	4670000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	5.881172	50.0	151900.0	5.881172	Y
3	STD5 460-922541/6	5.0	29.575898	50.0	137962.0	5.91518	Y
4	STD20 460-922541/7	20.0	101.290091	50.0	167430.0	5.064505	Y
5	STD50 460-922541/8	50.0	273.795035	50.0	161706.0	5.475901	Y
6	STD200 460-922541/9	200.0	1109.897909	50.0	164363.0	5.54949	Y
7	STD500 460-922541/10	500.0	2736.492179	50.0	177797.0	5.472984	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

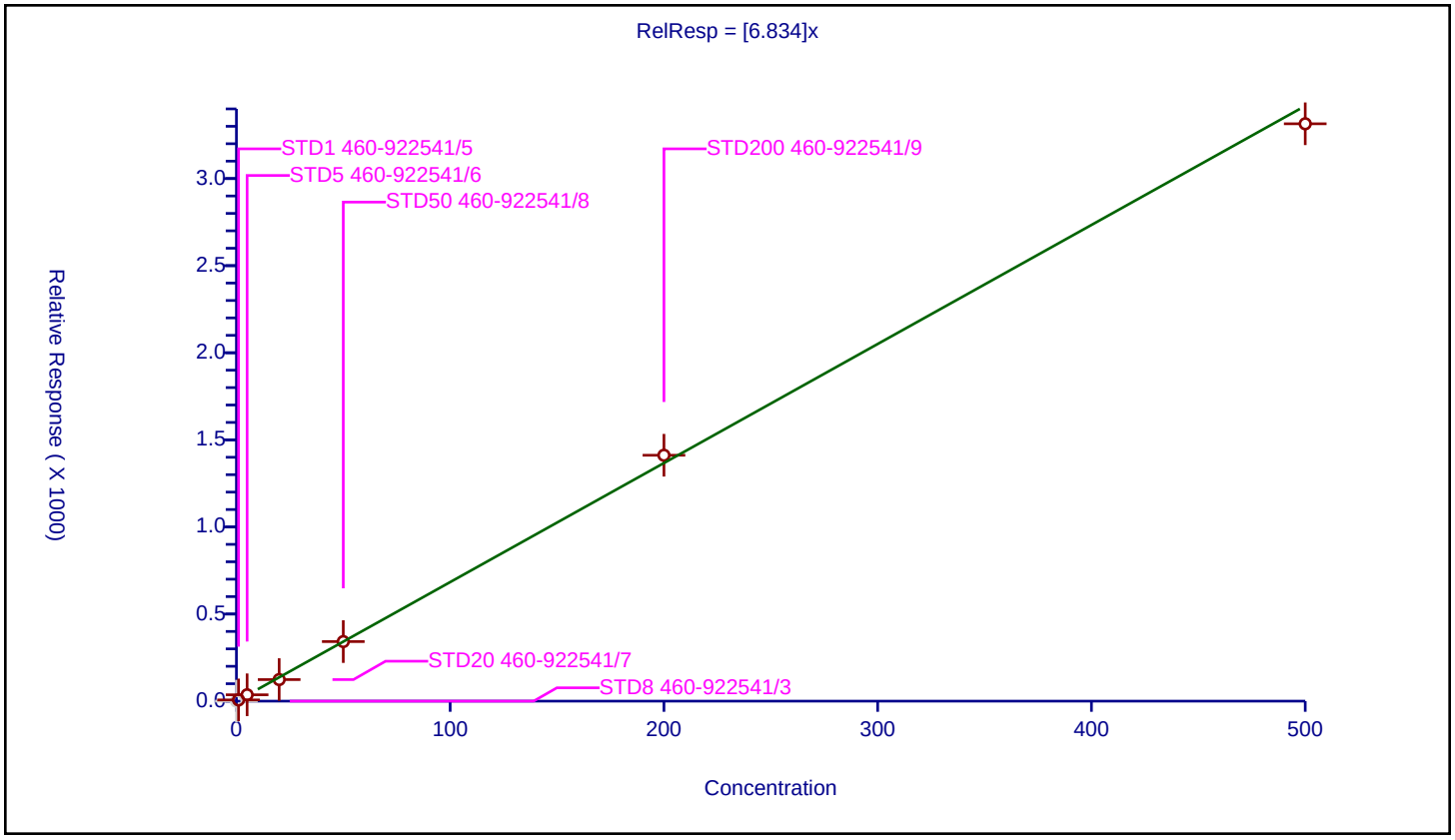
Curve Coefficients

Intercept:	0
Slope:	6.834

Error Coefficients

Standard Error:	5690000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	6.997038	50.0	151900.0	6.997038	Y
3	STD5 460-922541/6	5.0	36.464389	50.0	137962.0	7.292878	Y
4	STD20 460-922541/7	20.0	123.783074	50.0	167430.0	6.189154	Y
5	STD50 460-922541/8	50.0	341.958245	50.0	161706.0	6.839165	Y
6	STD200 460-922541/9	200.0	1411.627617	50.0	164363.0	7.058138	Y
7	STD500 460-922541/10	500.0	3314.546646	50.0	177797.0	6.629093	Y



Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

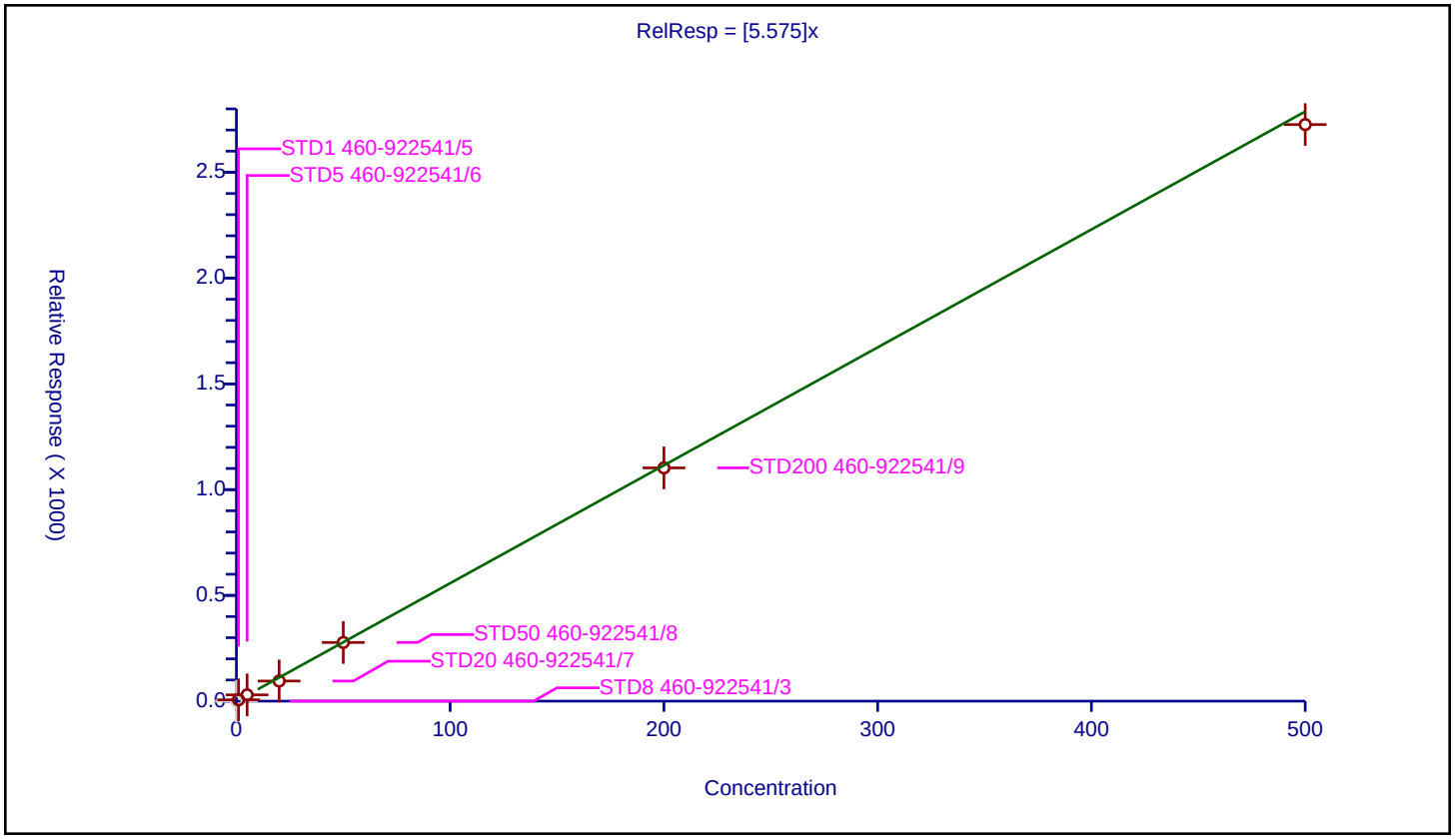
Curve Coefficients

Intercept:	0
Slope:	5.575

Error Coefficients

Standard Error:	4650000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	6.258065	50.0	151900.0	6.258065	Y
3	STD5 460-922541/6	5.0	29.628811	50.0	137962.0	5.925762	Y
4	STD20 460-922541/7	20.0	95.091381	50.0	167430.0	4.754569	Y
5	STD50 460-922541/8	50.0	277.309438	50.0	161706.0	5.546189	Y
6	STD200 460-922541/9	200.0	1102.746664	50.0	164363.0	5.513733	Y
7	STD500 460-922541/10	500.0	2725.823833	50.0	177797.0	5.451648	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

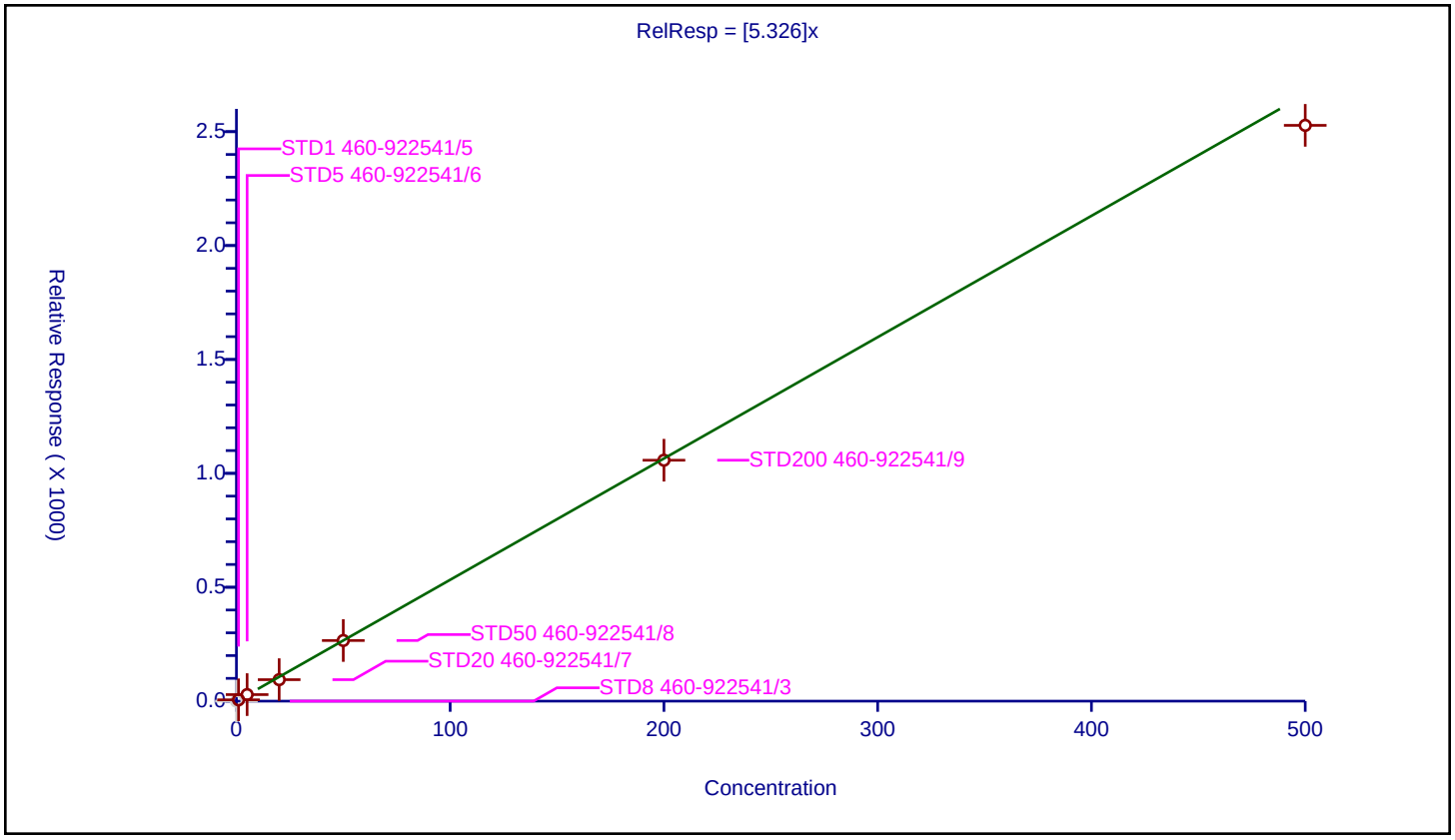
Curve Coefficients

Intercept:	0
Slope:	5.326

Error Coefficients

Standard Error:	4330000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	5.839697	50.0	151900.0	5.839697	Y
3	STD5 460-922541/6	5.0	28.661878	50.0	137962.0	5.732376	Y
4	STD20 460-922541/7	20.0	94.317924	50.0	167430.0	4.715896	Y
5	STD50 460-922541/8	50.0	266.212138	50.0	161706.0	5.324243	Y
6	STD200 460-922541/9	200.0	1057.670218	50.0	164363.0	5.288351	Y
7	STD500 460-922541/10	500.0	2527.727689	50.0	177797.0	5.055455	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

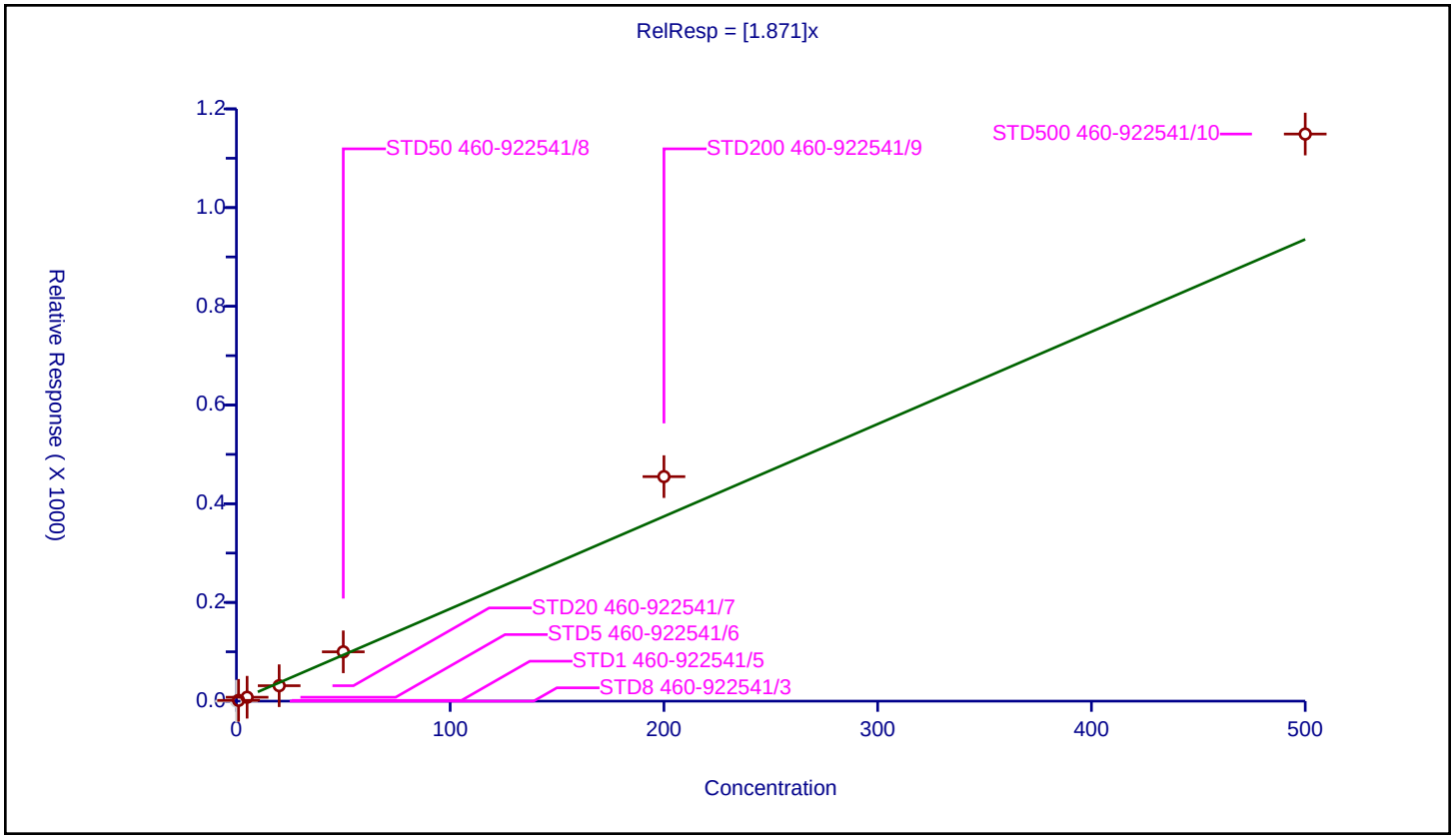
Curve Coefficients

Intercept:	0
Slope:	1.871

Error Coefficients

Standard Error:	1950000
Relative Standard Error:	19.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.515142	50.0	151900.0	1.515142	Y
3	STD5 460-922541/6	5.0	7.889854	50.0	137962.0	1.577971	Y
4	STD20 460-922541/7	20.0	31.273667	50.0	167430.0	1.563683	Y
5	STD50 460-922541/8	50.0	99.931975	50.0	161706.0	1.99864	Y
6	STD200 460-922541/9	200.0	454.911385	50.0	164363.0	2.274557	Y
7	STD500 460-922541/10	500.0	1149.031199	50.0	177797.0	2.298062	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

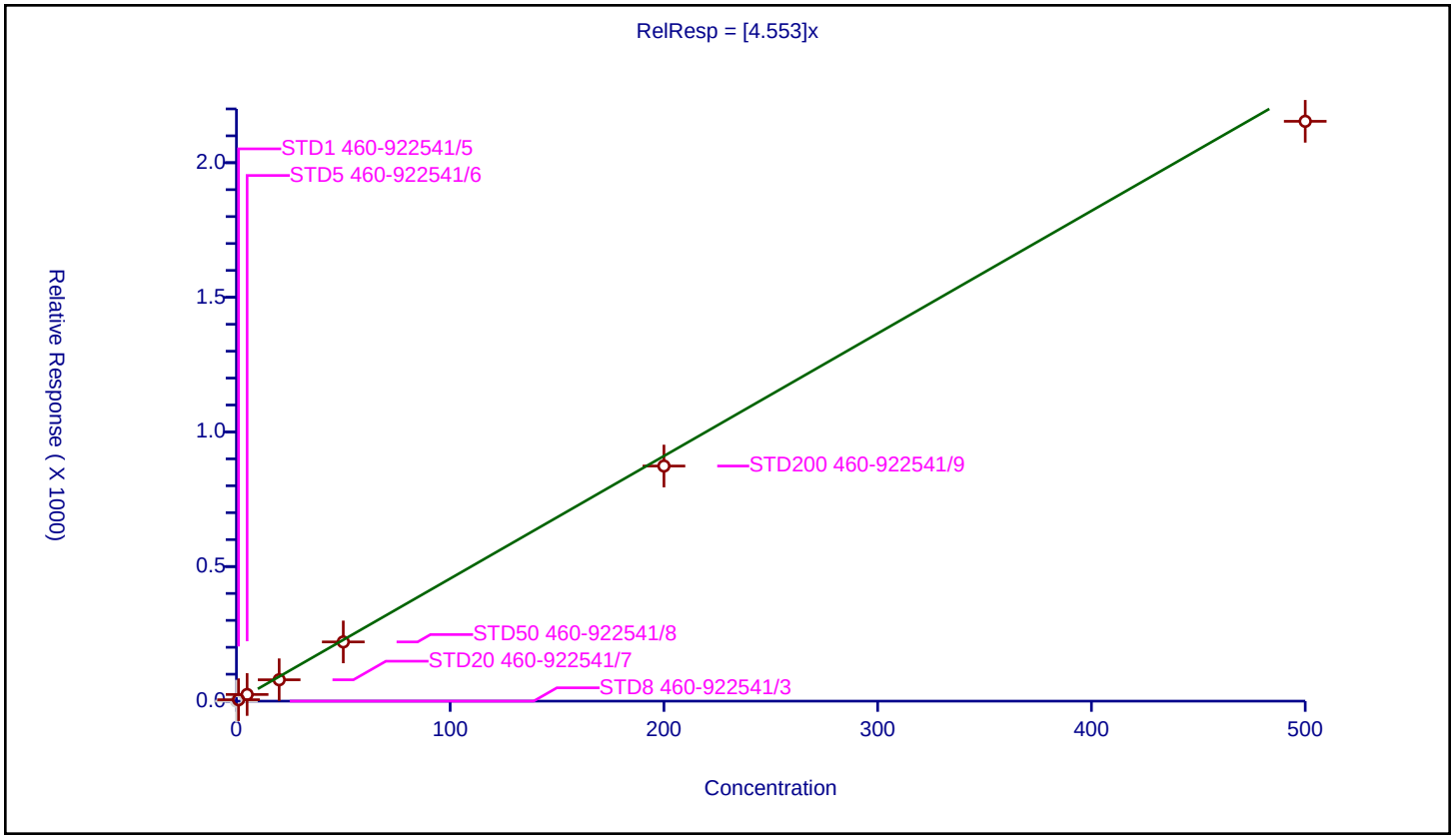
Curve Coefficients

Intercept:	0
Slope:	4.553

Error Coefficients

Standard Error:	3670000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	5.338051	50.0	151900.0	5.338051	Y
3	STD5 460-922541/6	5.0	24.675635	50.0	137962.0	4.935127	Y
4	STD20 460-922541/7	20.0	79.40184	50.0	167430.0	3.970092	Y
5	STD50 460-922541/8	50.0	219.958443	50.0	161706.0	4.399169	Y
6	STD200 460-922541/9	200.0	873.374482	50.0	164363.0	4.366872	Y
7	STD500 460-922541/10	500.0	2153.86227	50.0	177797.0	4.307725	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

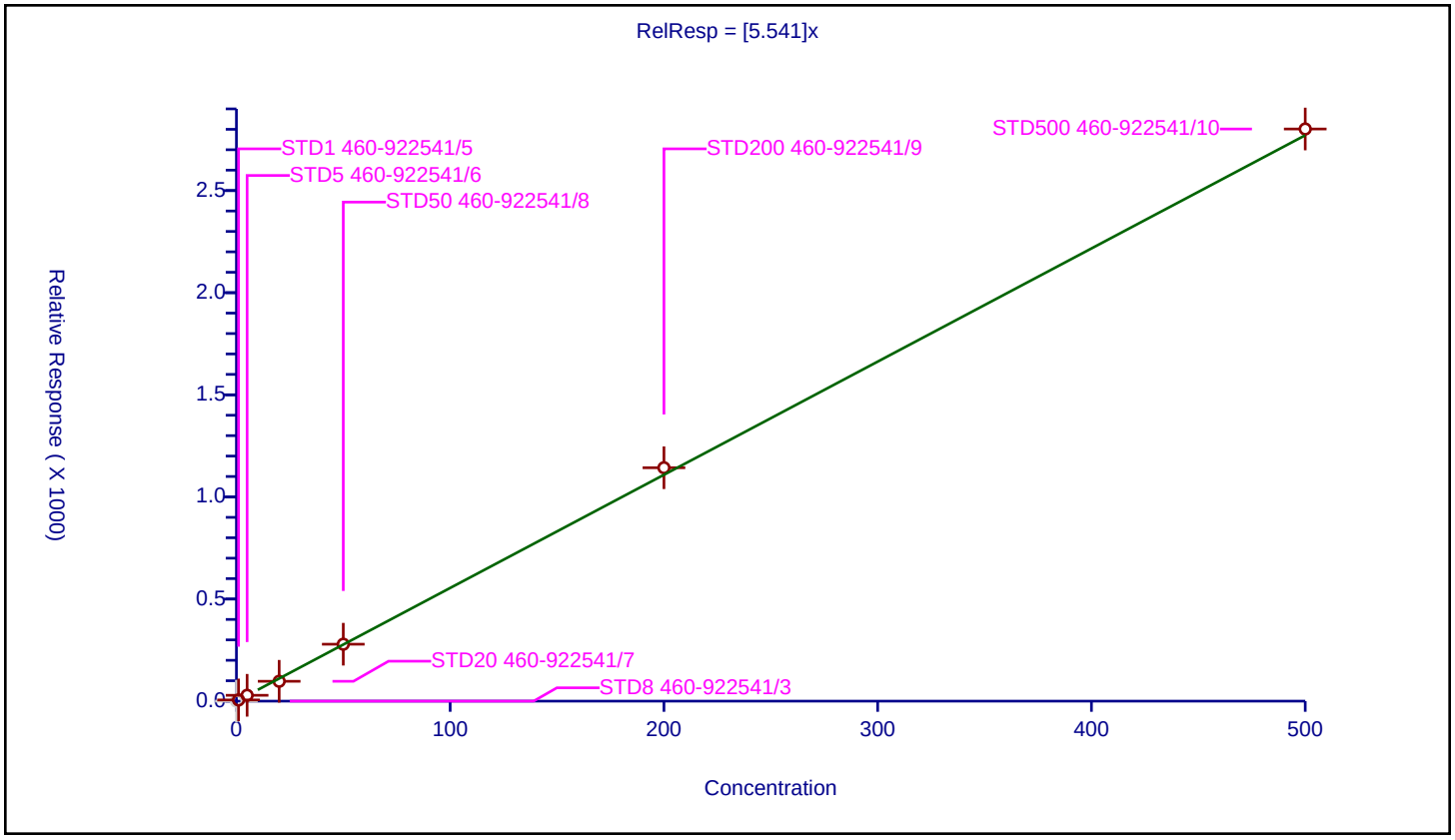
Curve Coefficients

Intercept:	0
Slope:	5.541

Error Coefficients

Standard Error:	4780000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	5.778144	50.0	151900.0	5.778144	Y
3	STD5 460-922541/6	5.0	28.58432	50.0	137962.0	5.716864	Y
4	STD20 460-922541/7	20.0	97.222123	50.0	167430.0	4.861106	Y
5	STD50 460-922541/8	50.0	278.780627	50.0	161706.0	5.575613	Y
6	STD200 460-922541/9	200.0	1142.853927	50.0	164363.0	5.71427	Y
7	STD500 460-922541/10	500.0	2801.480059	50.0	177797.0	5.60296	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

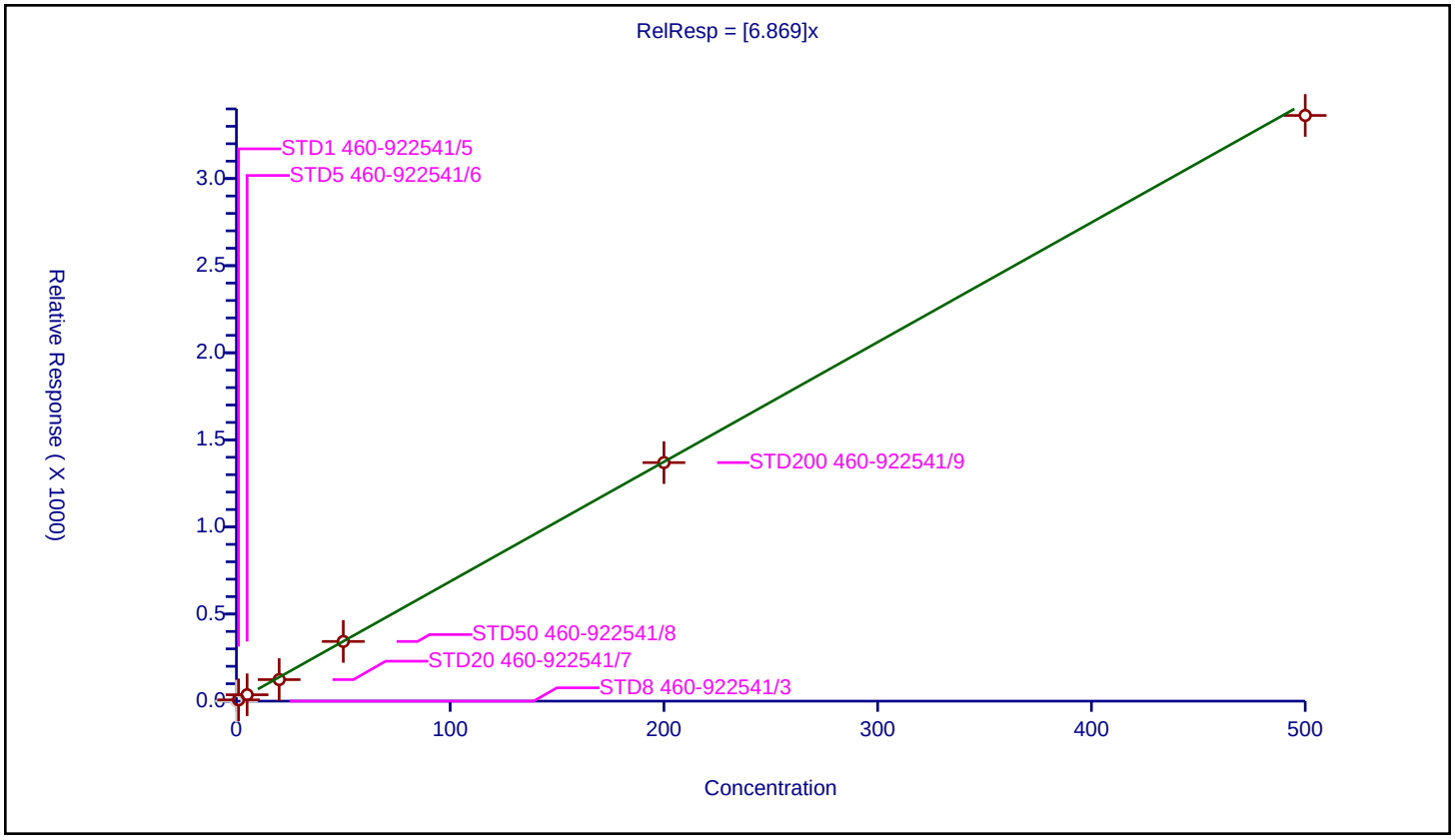
Curve Coefficients

Intercept:	0
Slope:	6.869

Error Coefficients

Standard Error:	5740000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	7.283081	50.0	151900.0	7.283081	Y
3	STD5 460-922541/6	5.0	36.634726	50.0	137962.0	7.326945	Y
4	STD20 460-922541/7	20.0	123.581198	50.0	167430.0	6.17906	Y
5	STD50 460-922541/8	50.0	342.774851	50.0	161706.0	6.855497	Y
6	STD200 460-922541/9	200.0	1369.401568	50.0	164363.0	6.847008	Y
7	STD500 460-922541/10	500.0	3362.450435	50.0	177797.0	6.724901	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

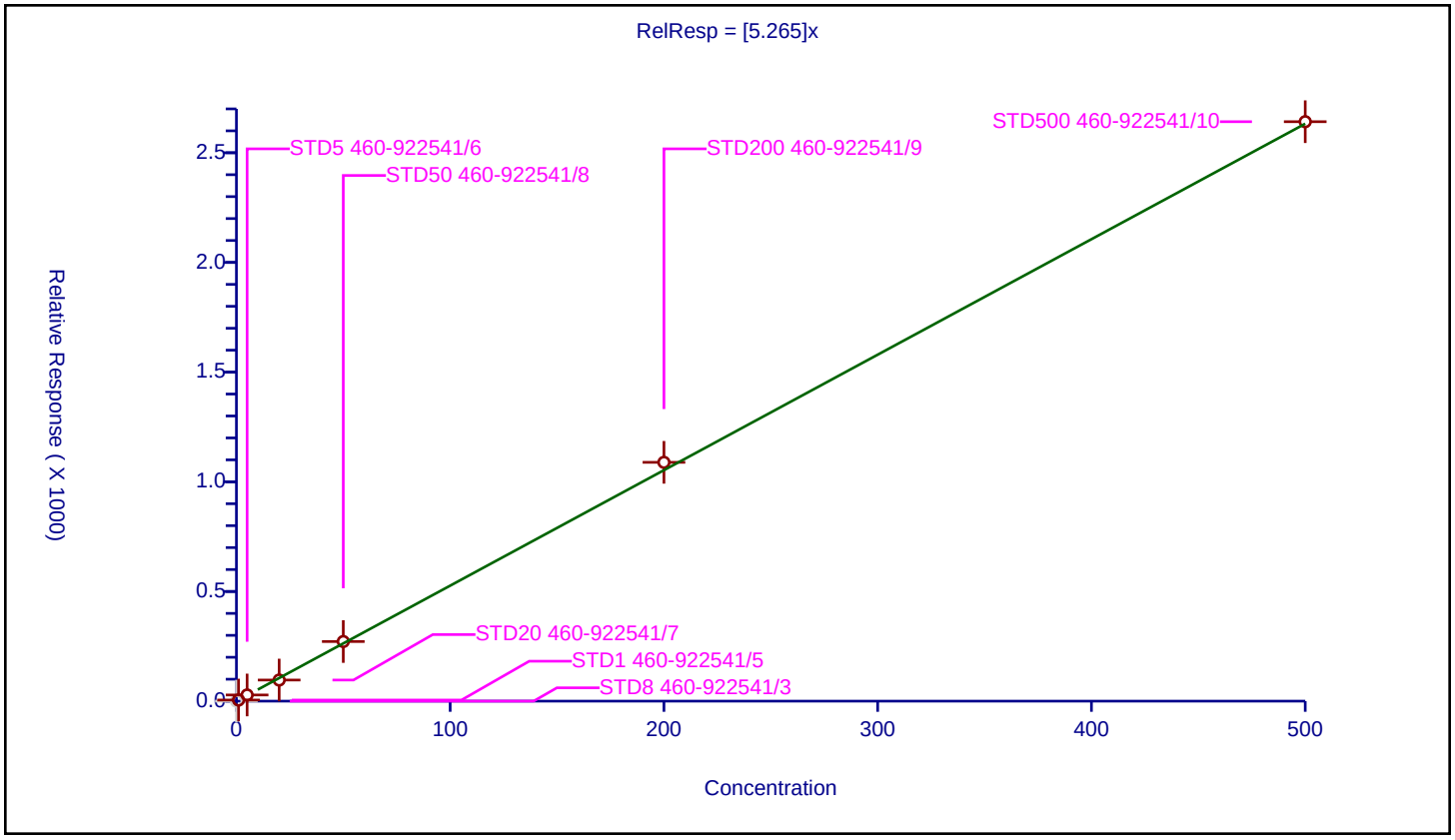
Curve Coefficients

Intercept:	0
Slope:	5.265

Error Coefficients

Standard Error:	4510000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	4.991442	50.0	151900.0	4.991442	Y
3	STD5 460-922541/6	5.0	28.120424	50.0	137962.0	5.624085	Y
4	STD20 460-922541/7	20.0	96.181688	50.0	167430.0	4.809084	Y
5	STD50 460-922541/8	50.0	271.854167	50.0	161706.0	5.437083	Y
6	STD200 460-922541/9	200.0	1088.714918	50.0	164363.0	5.443575	Y
7	STD500 460-922541/10	500.0	2641.593503	50.0	177797.0	5.283187	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

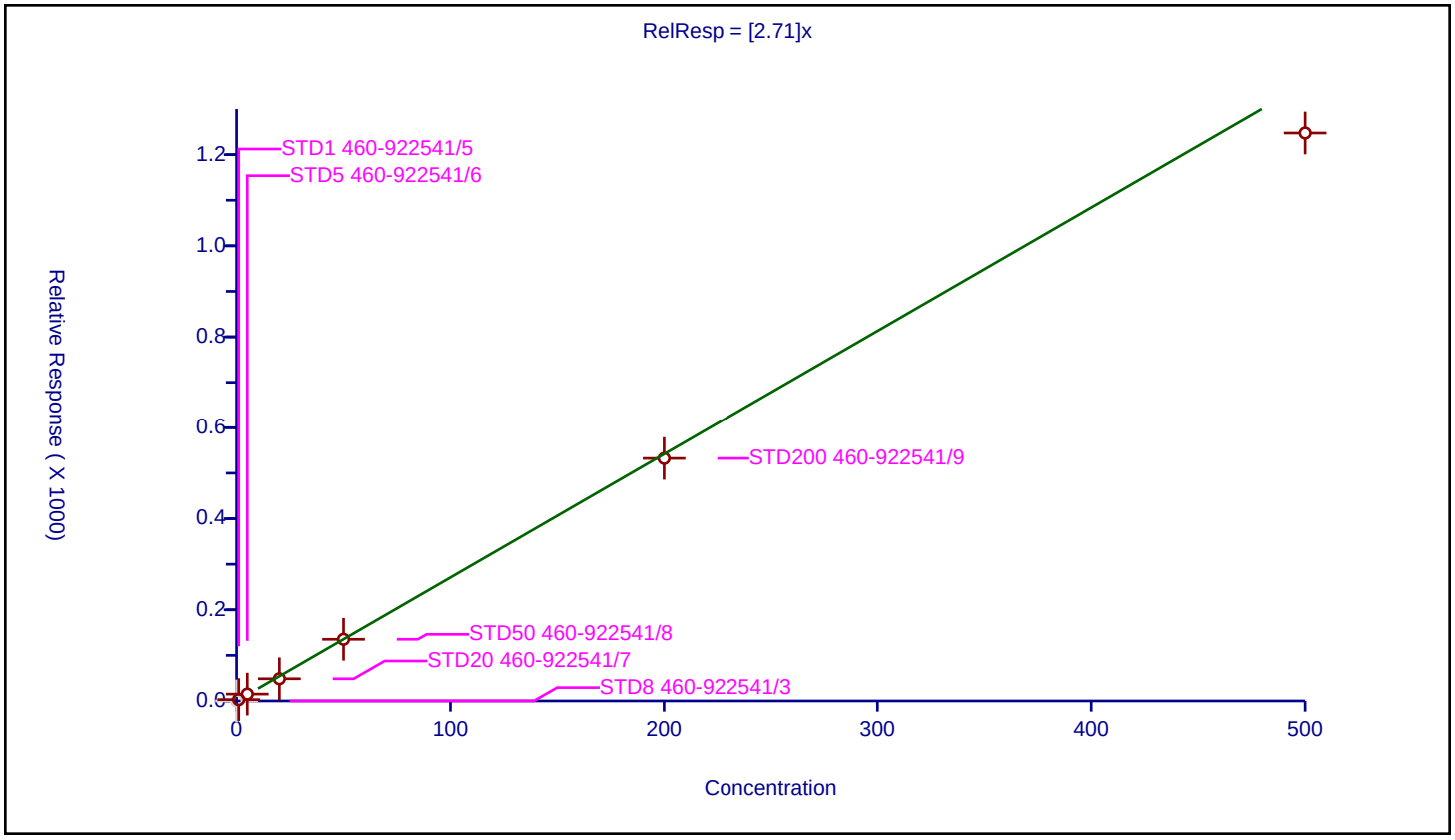
Curve Coefficients

Intercept:	0
Slope:	2.71

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.947663	50.0	151900.0	2.947663	Y
3	STD5 460-922541/6	5.0	15.065743	50.0	137962.0	3.013149	Y
4	STD20 460-922541/7	20.0	48.686018	50.0	167430.0	2.434301	Y
5	STD50 460-922541/8	50.0	135.305431	50.0	161706.0	2.706109	Y
6	STD200 460-922541/9	200.0	532.517659	50.0	164363.0	2.662588	Y
7	STD500 460-922541/10	500.0	1247.413342	50.0	177797.0	2.494827	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

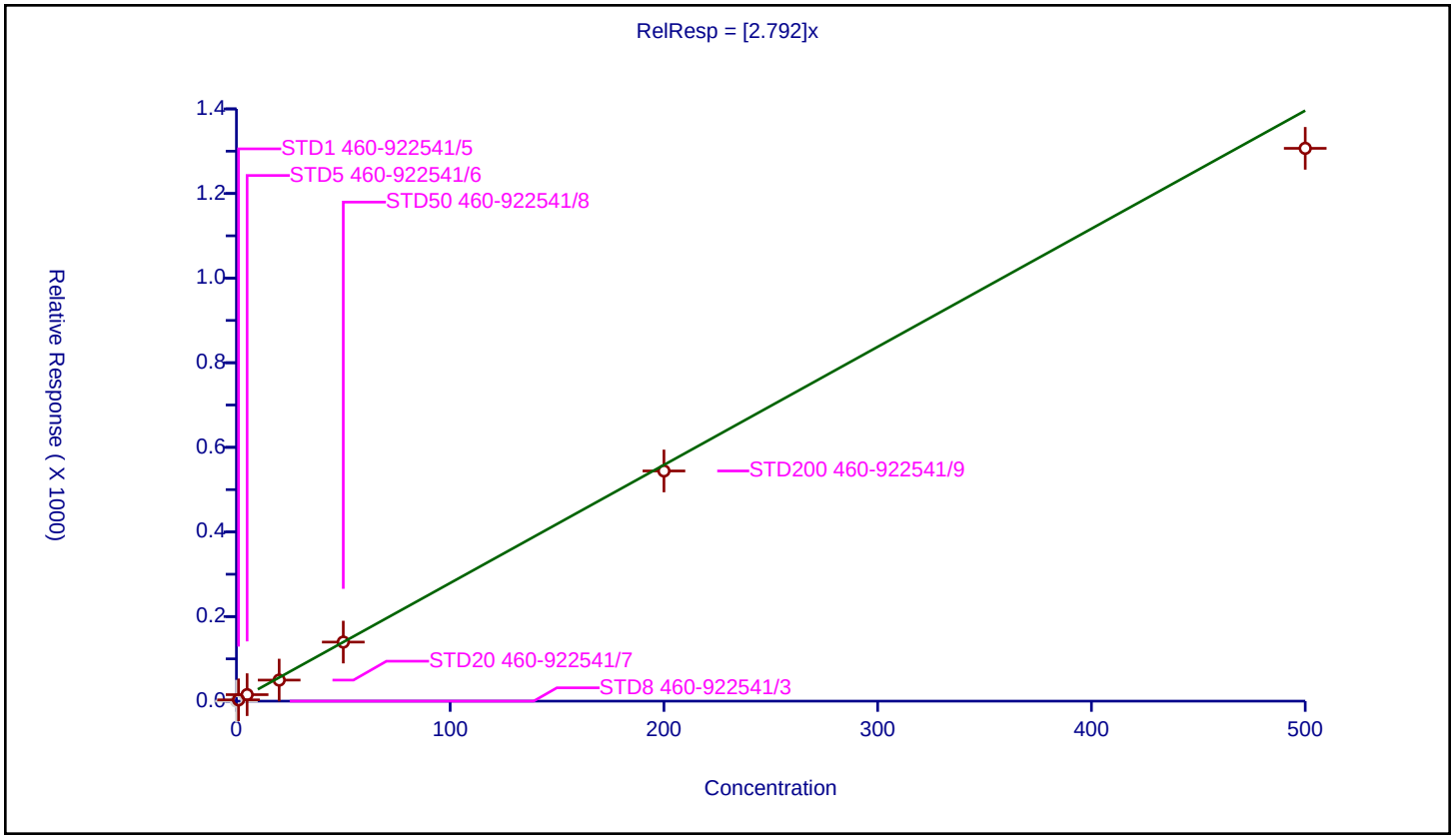
Curve Coefficients

Intercept:	0
Slope:	2.792

Error Coefficients

Standard Error:	2240000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	3.071099	50.0	151900.0	3.071099	Y
3	STD5 460-922541/6	5.0	15.331396	50.0	137962.0	3.066279	Y
4	STD20 460-922541/7	20.0	49.749448	50.0	167430.0	2.487472	Y
5	STD50 460-922541/8	50.0	139.613249	50.0	161706.0	2.792265	Y
6	STD200 460-922541/9	200.0	544.131891	50.0	164363.0	2.720659	Y
7	STD500 460-922541/10	500.0	1306.744208	50.0	177797.0	2.613488	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

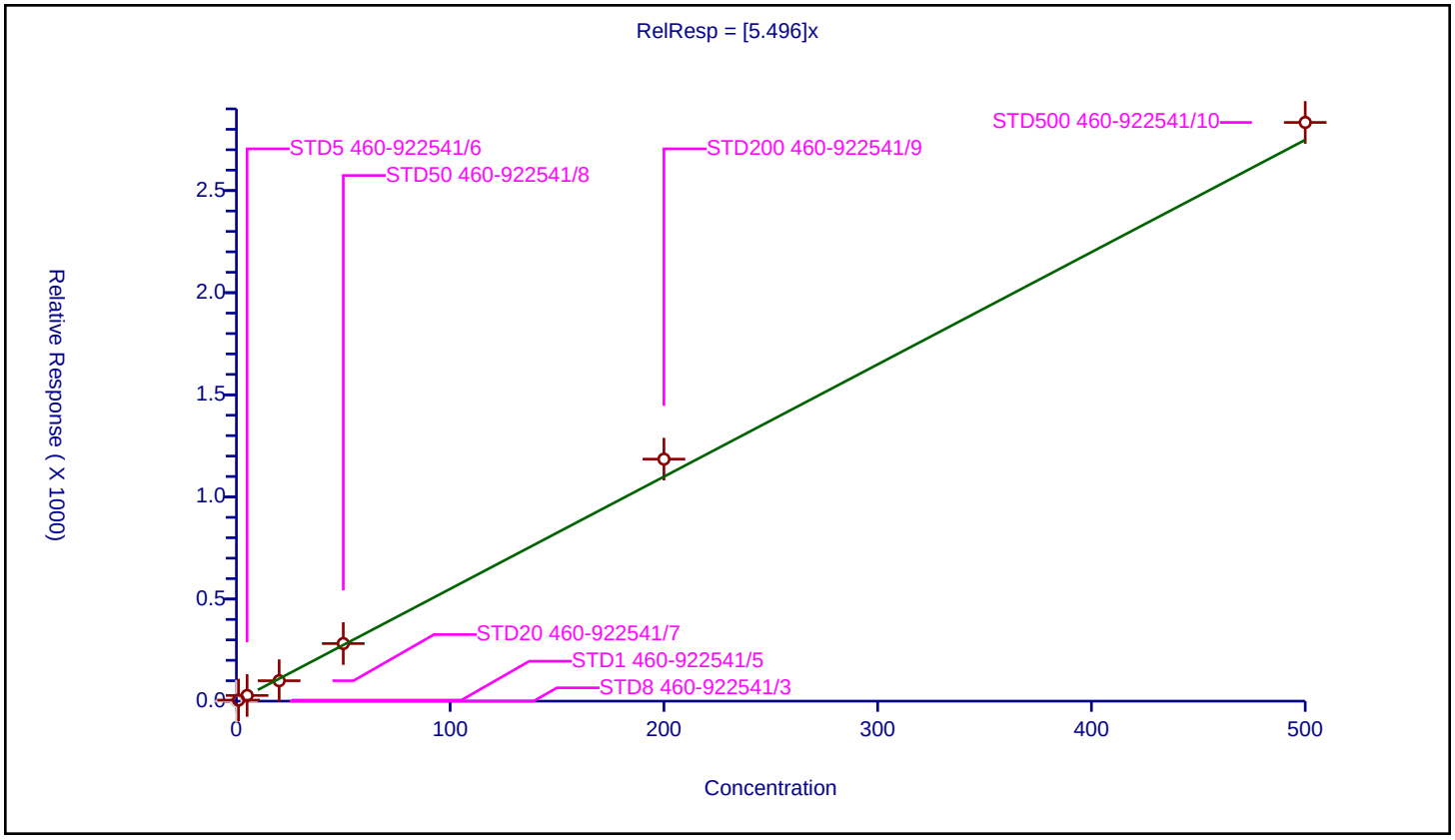
Curve Coefficients

Intercept:	0
Slope:	5.496

Error Coefficients

Standard Error:	4850000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	5.187294	50.0	151900.0	5.187294	Y
3	STD5 460-922541/6	5.0	27.802221	50.0	137962.0	5.560444	Y
4	STD20 460-922541/7	20.0	99.962074	50.0	167430.0	4.998104	Y
5	STD50 460-922541/8	50.0	281.988609	50.0	161706.0	5.639772	Y
6	STD200 460-922541/9	200.0	1184.982326	50.0	164363.0	5.924912	Y
7	STD500 460-922541/10	500.0	2833.587462	50.0	177797.0	5.667175	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

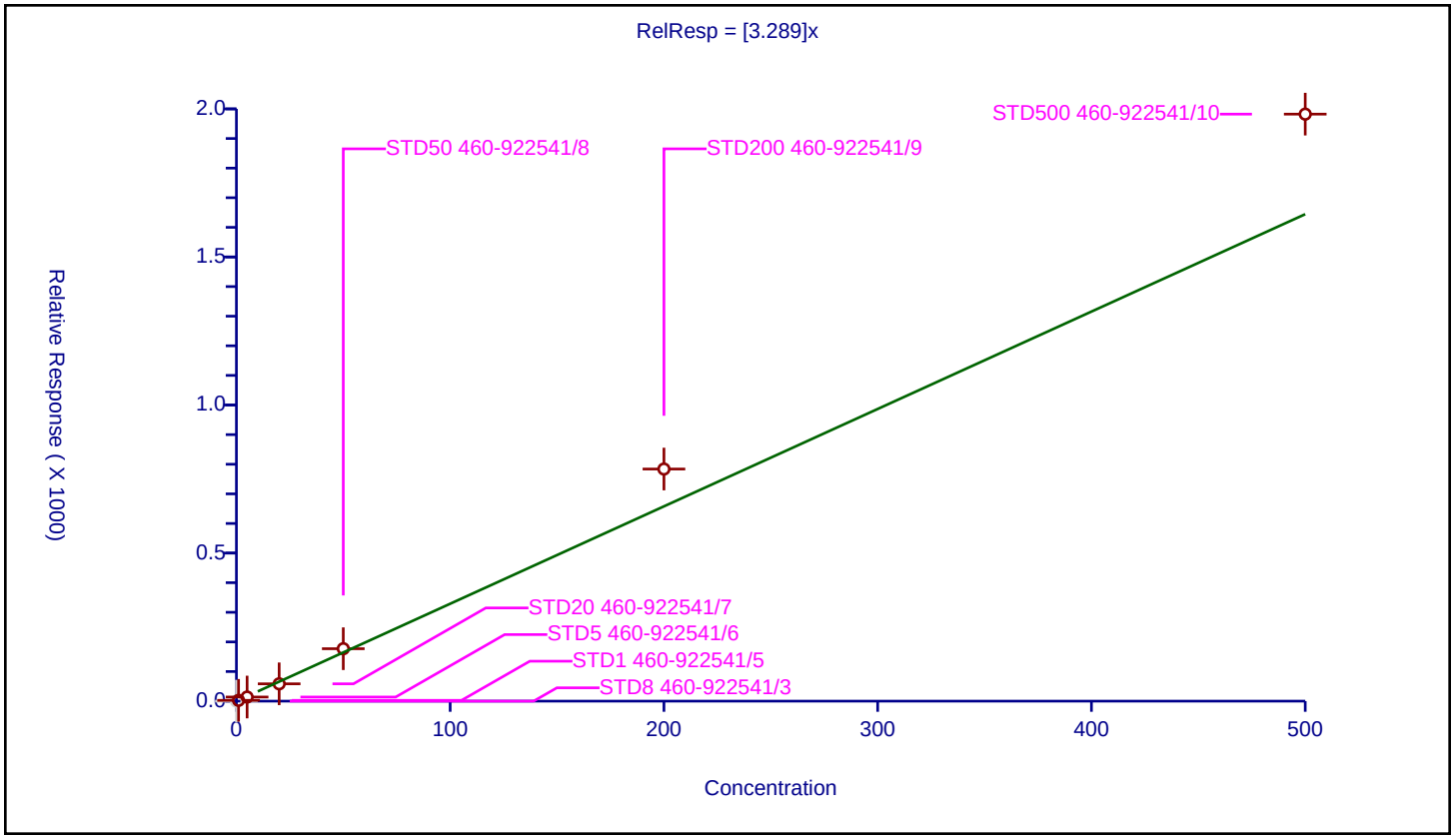
Curve Coefficients

Intercept:	0
Slope:	3.289

Error Coefficients

Standard Error:	3370000
Relative Standard Error:	18.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.611916	50.0	151900.0	2.611916	Y
3	STD5 460-922541/6	5.0	13.852365	50.0	137962.0	2.770473	Y
4	STD20 460-922541/7	20.0	58.518784	50.0	167430.0	2.925939	Y
5	STD50 460-922541/8	50.0	177.041977	50.0	161706.0	3.54084	Y
6	STD200 460-922541/9	200.0	783.786193	50.0	164363.0	3.918931	Y
7	STD500 460-922541/10	500.0	1982.254762	50.0	177797.0	3.96451	Y



Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

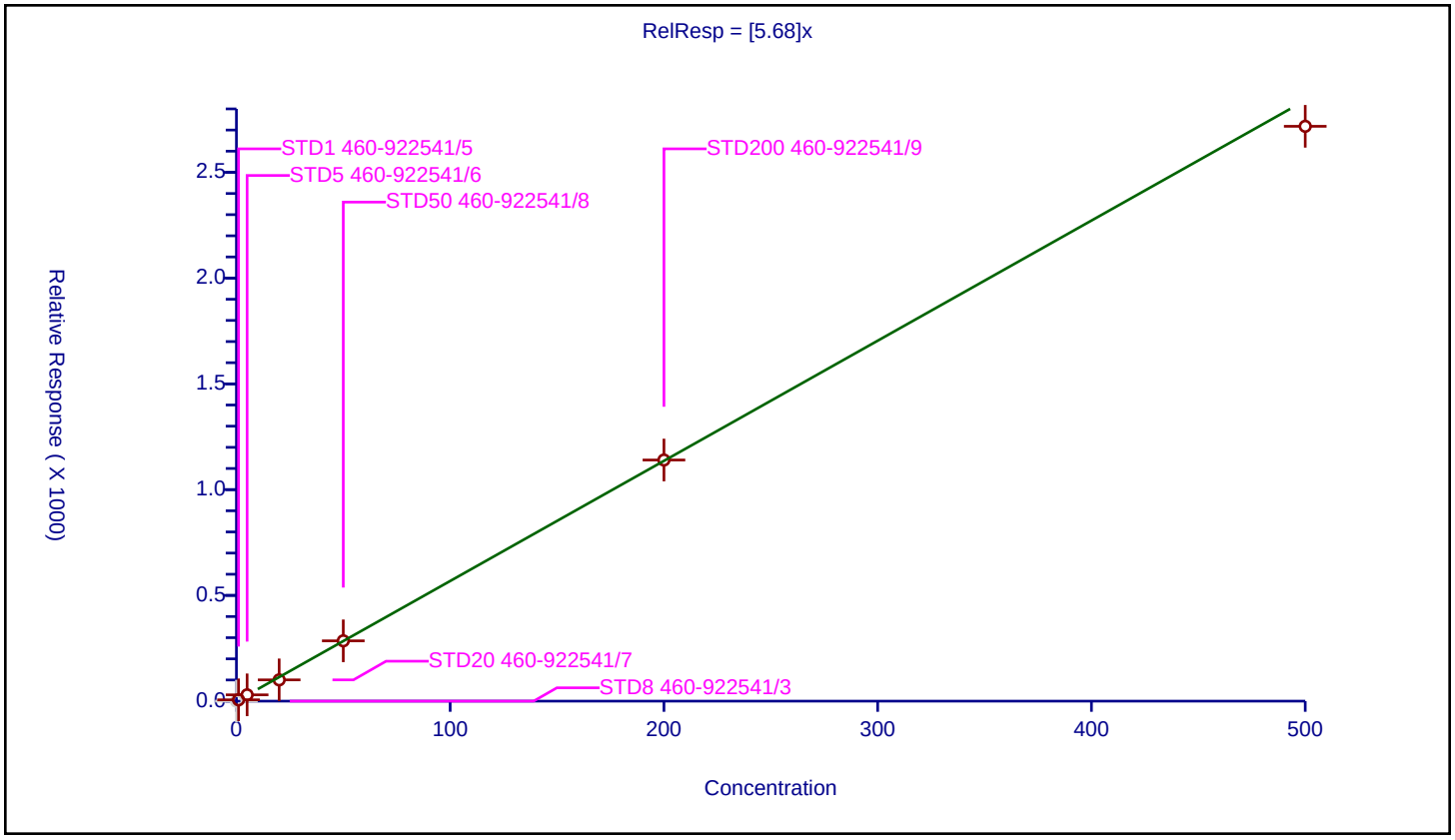
Curve Coefficients

Intercept:	0
Slope:	5.68

Error Coefficients

Standard Error:	4650000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	6.251152	50.0	151900.0	6.251152	Y
3	STD5 460-922541/6	5.0	29.82343	50.0	137962.0	5.964686	Y
4	STD20 460-922541/7	20.0	100.534253	50.0	167430.0	5.026713	Y
5	STD50 460-922541/8	50.0	285.100429	50.0	161706.0	5.702009	Y
6	STD200 460-922541/9	200.0	1139.982234	50.0	164363.0	5.699911	Y
7	STD500 460-922541/10	500.0	2717.649342	50.0	177797.0	5.435299	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

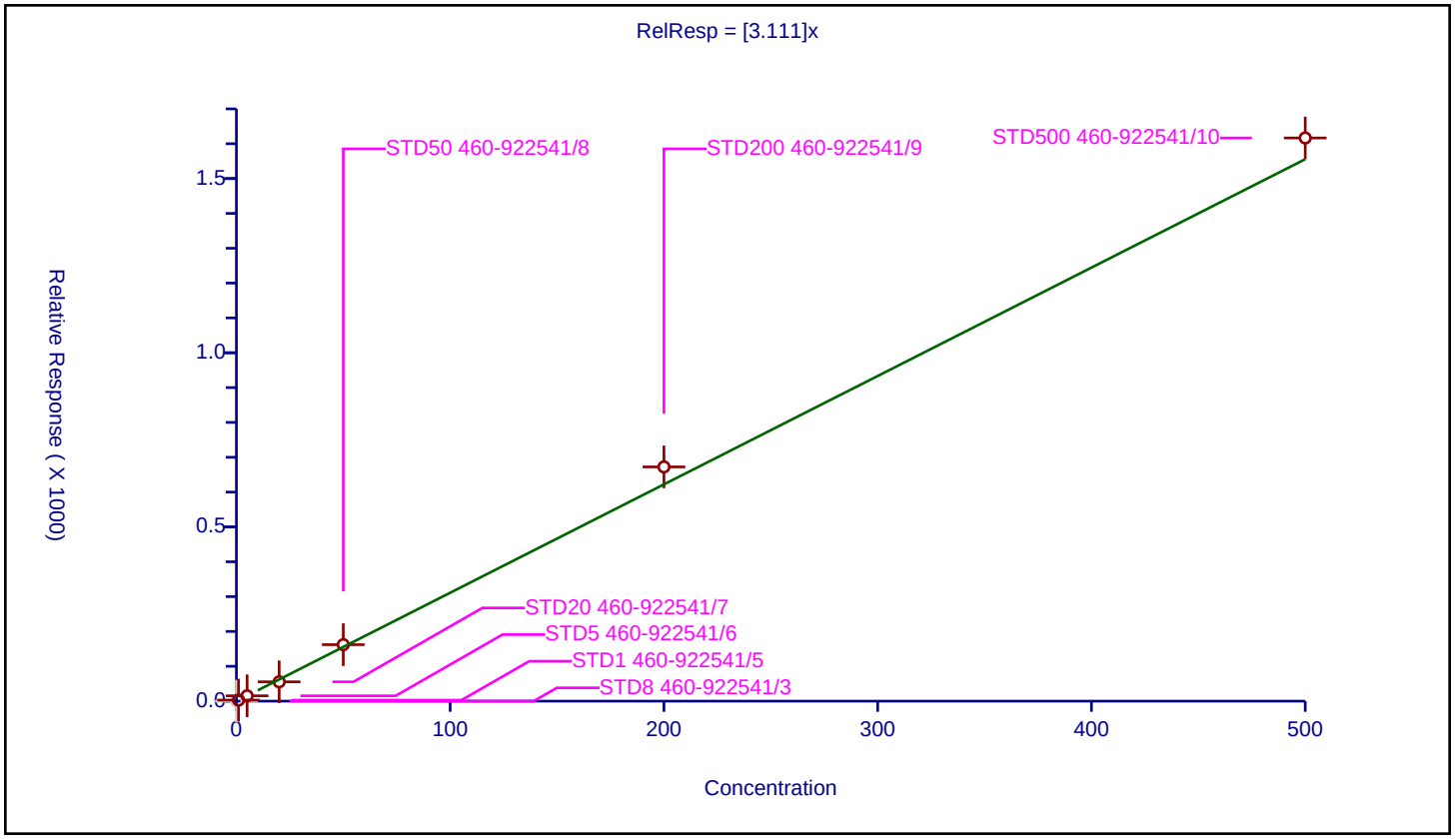
Curve Coefficients

Intercept:	0
Slope:	3.111

Error Coefficients

Standard Error:	2760000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.992429	50.0	151900.0	2.992429	Y
3	STD5 460-922541/6	5.0	15.320523	50.0	137962.0	3.064105	Y
4	STD20 460-922541/7	20.0	55.450636	50.0	167430.0	2.772532	Y
5	STD50 460-922541/8	50.0	162.107467	50.0	161706.0	3.242149	Y
6	STD200 460-922541/9	200.0	672.36361	50.0	164363.0	3.361818	Y
7	STD500 460-922541/10	500.0	1616.535712	50.0	177797.0	3.233071	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

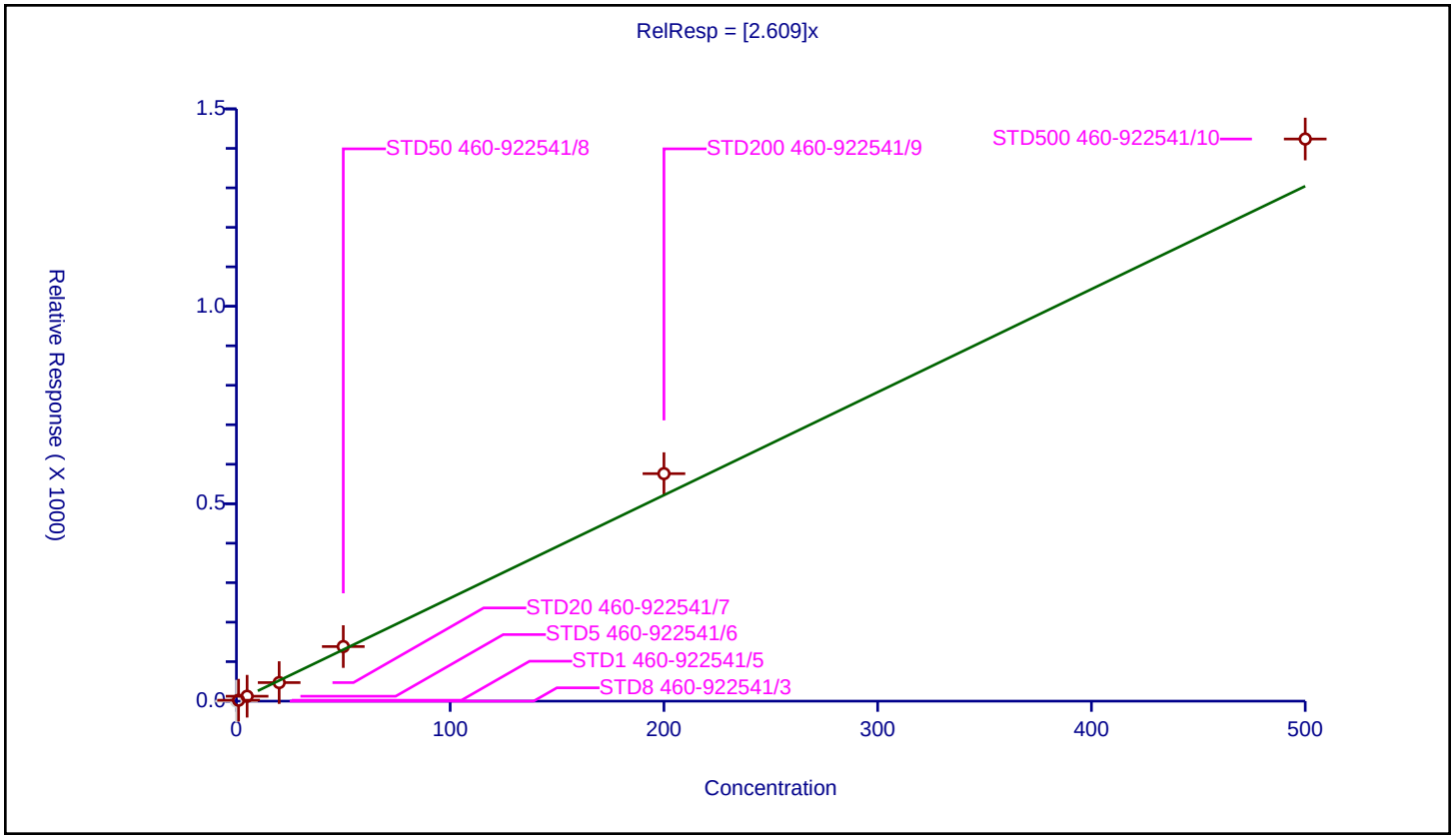
Curve Coefficients

Intercept:	0
Slope:	2.609

Error Coefficients

Standard Error:	2430000
Relative Standard Error:	9.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.315668	50.0	151900.0	2.315668	Y
3	STD5 460-922541/6	5.0	12.45959	50.0	137962.0	2.491918	Y
4	STD20 460-922541/7	20.0	47.01099	50.0	167430.0	2.350549	Y
5	STD50 460-922541/8	50.0	138.246262	50.0	161706.0	2.764925	Y
6	STD200 460-922541/9	200.0	576.196589	50.0	164363.0	2.880983	Y
7	STD500 460-922541/10	500.0	1423.691907	50.0	177797.0	2.847384	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

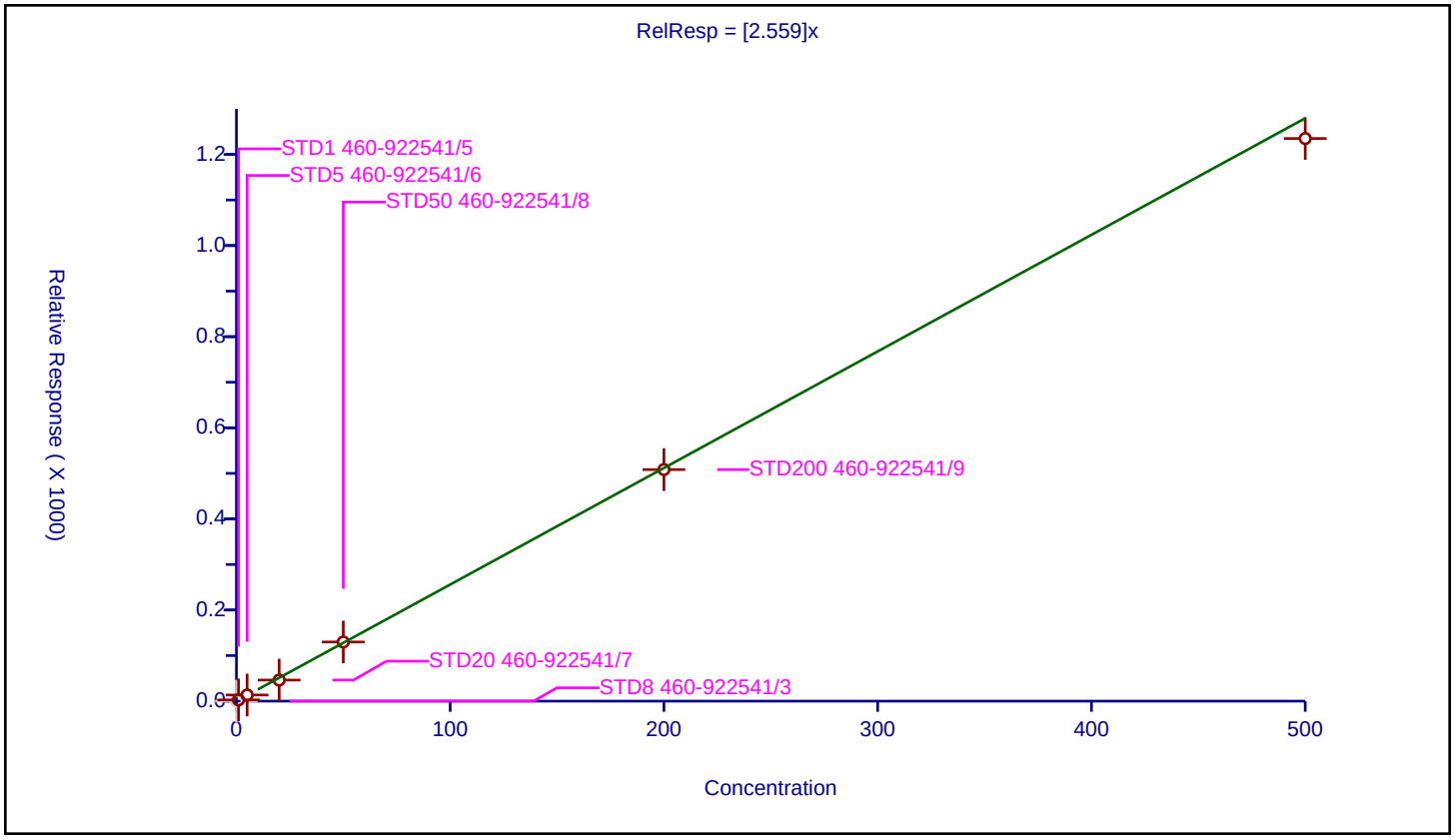
Curve Coefficients

Intercept:	0
Slope:	2.559

Error Coefficients

Standard Error:	2110000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.731073	50.0	151900.0	2.731073	Y
3	STD5 460-922541/6	5.0	13.500457	50.0	137962.0	2.700091	Y
4	STD20 460-922541/7	20.0	46.286806	50.0	167430.0	2.31434	Y
5	STD50 460-922541/8	50.0	129.836864	50.0	161706.0	2.596737	Y
6	STD200 460-922541/9	200.0	508.232084	50.0	164363.0	2.54116	Y
7	STD500 460-922541/10	500.0	1234.970219	50.0	177797.0	2.46994	Y



Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

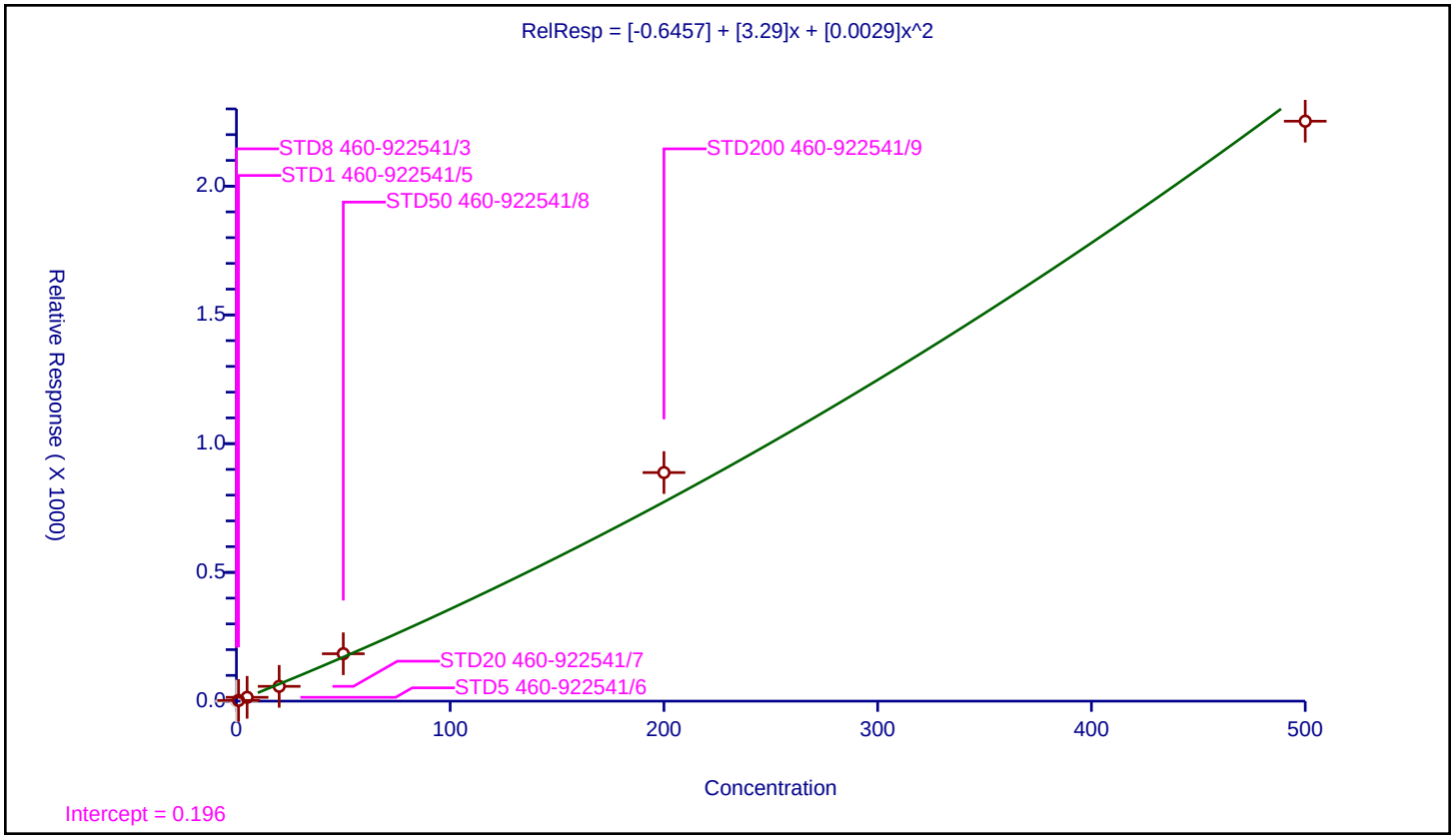
Curve Coefficients

Intercept:	-0.6457
Slope:	3.29
Second Order:	0.0029

Error Coefficients

Standard Error:	4930000
Relative Standard Error:	12.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.704411	50.0	151900.0	2.704411	Y
3	STD5 460-922541/6	5.0	14.822197	50.0	137962.0	2.964439	Y
4	STD20 460-922541/7	20.0	57.507615	50.0	167430.0	2.875381	Y
5	STD50 460-922541/8	50.0	184.069546	50.0	161706.0	3.681391	Y
6	STD200 460-922541/9	200.0	887.695832	50.0	164363.0	4.438479	Y
7	STD500 460-922541/10	500.0	2252.172421	50.0	177797.0	4.504345	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

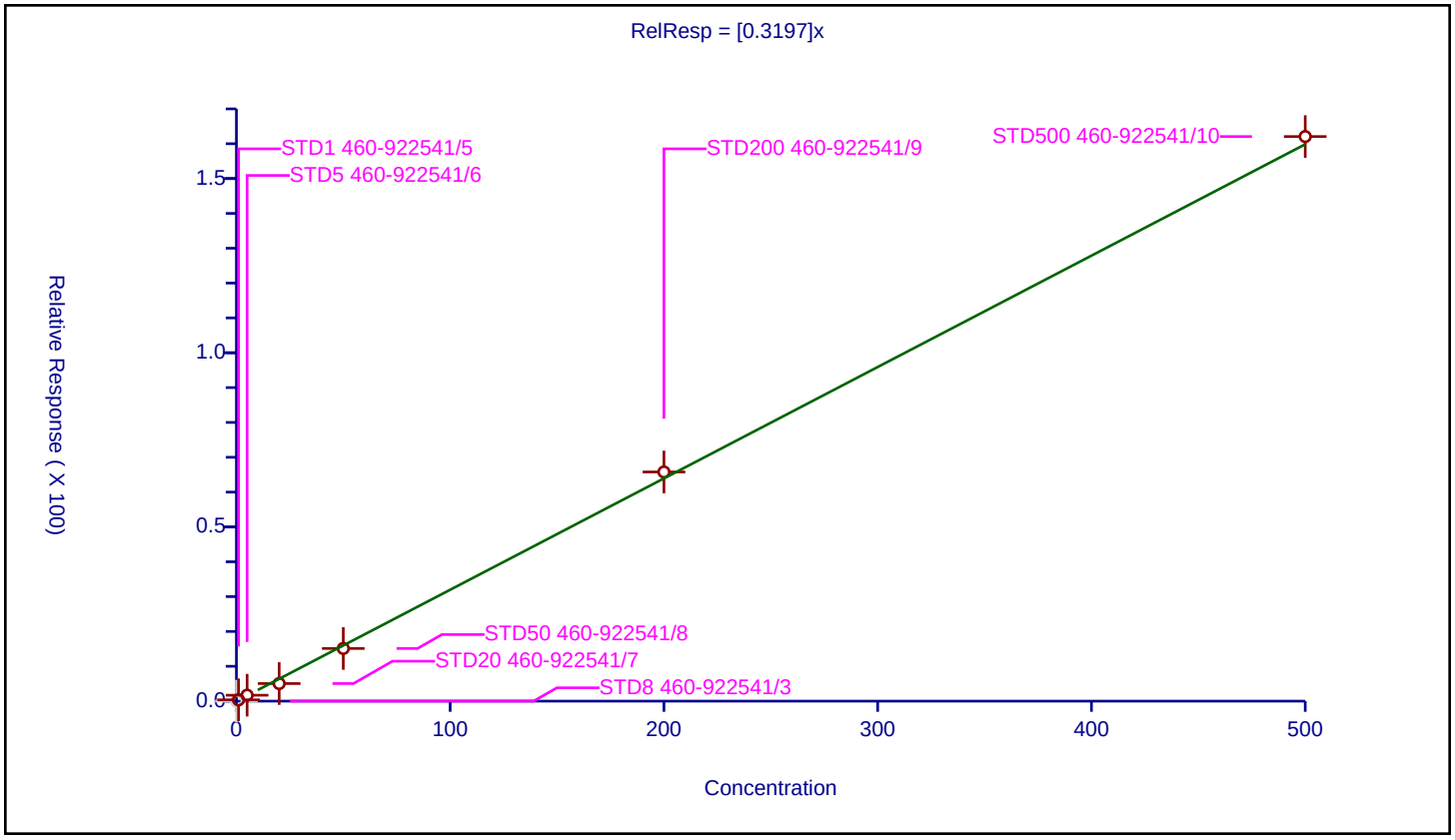
Curve Coefficients

Intercept:	0
Slope:	0.3197

Error Coefficients

Standard Error:	276000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	0.370309	50.0	151900.0	0.370309	Y
3	STD5 460-922541/6	5.0	1.699381	50.0	137962.0	0.339876	Y
4	STD20 460-922541/7	20.0	5.04808	50.0	167430.0	0.252404	Y
5	STD50 460-922541/8	50.0	15.120651	50.0	161706.0	0.302413	Y
6	STD200 460-922541/9	200.0	65.779099	50.0	164363.0	0.328895	Y
7	STD500 460-922541/10	500.0	162.055884	50.0	177797.0	0.324112	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

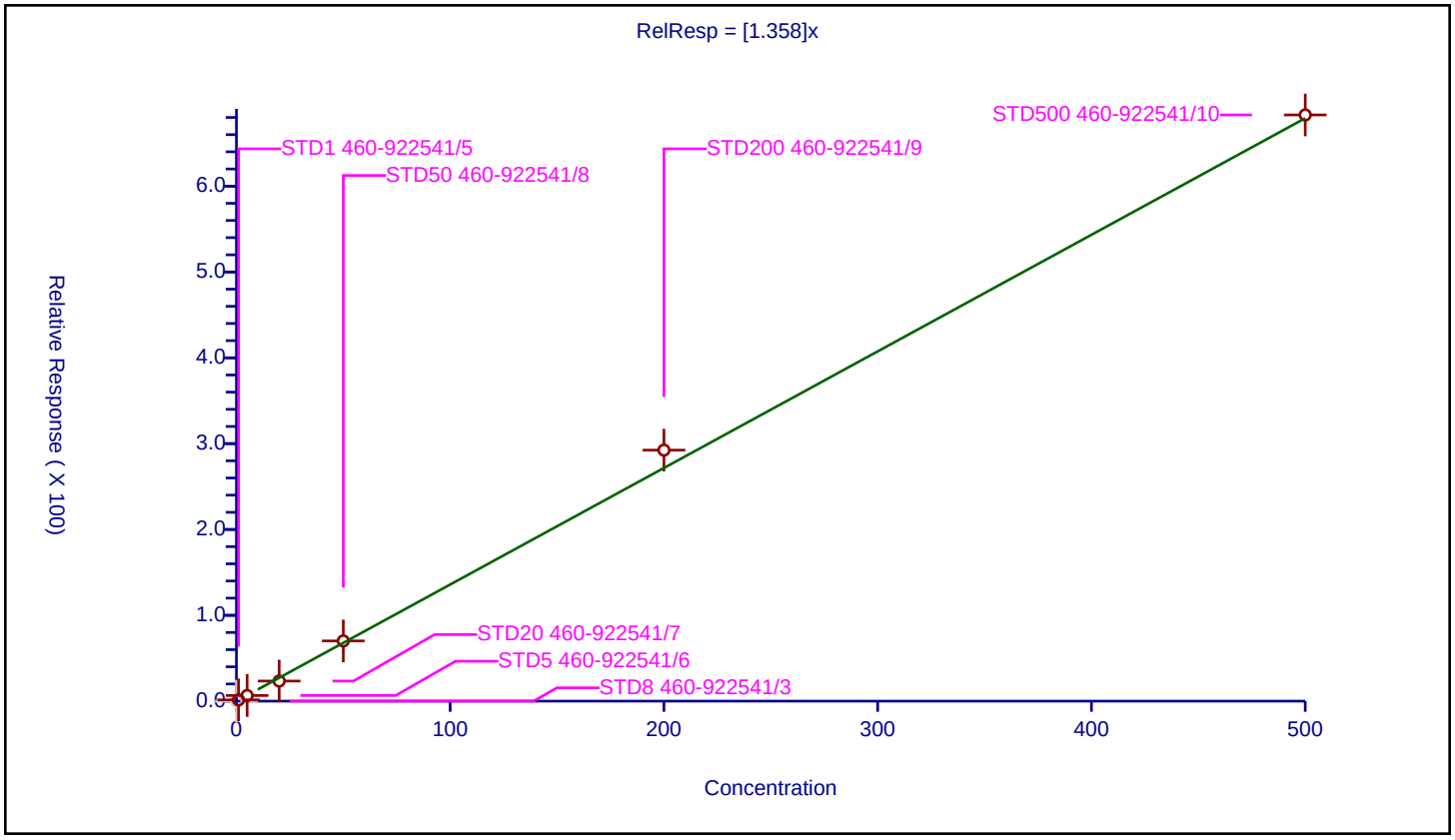
Curve Coefficients

Intercept:	0
Slope:	1.358

Error Coefficients

Standard Error:	1170000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.434826	50.0	151900.0	1.434826	Y
3	STD5 460-922541/6	5.0	6.562677	50.0	137962.0	1.312535	Y
4	STD20 460-922541/7	20.0	23.420833	50.0	167430.0	1.171042	Y
5	STD50 460-922541/8	50.0	70.153241	50.0	161706.0	1.403065	Y
6	STD200 460-922541/9	200.0	292.437775	50.0	164363.0	1.462189	Y
7	STD500 460-922541/10	500.0	682.966529	50.0	177797.0	1.365933	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

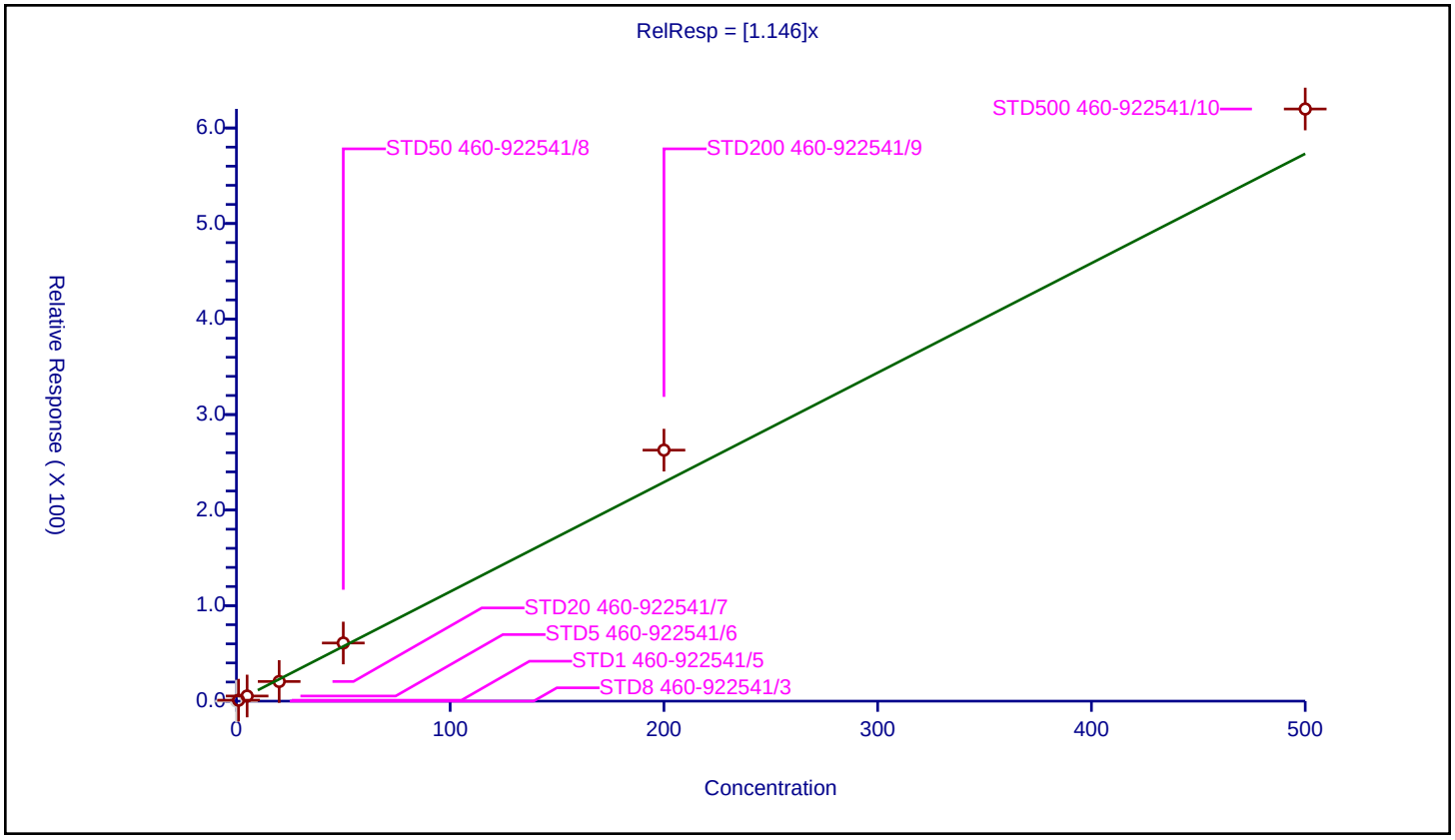
Curve Coefficients

Intercept:	0
Slope:	1.146

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.002962	50.0	151900.0	1.002962	Y
3	STD5 460-922541/6	5.0	5.375393	50.0	137962.0	1.075079	Y
4	STD20 460-922541/7	20.0	20.556949	50.0	167430.0	1.027847	Y
5	STD50 460-922541/8	50.0	60.852411	50.0	161706.0	1.217048	Y
6	STD200 460-922541/9	200.0	262.777207	50.0	164363.0	1.313886	Y
7	STD500 460-922541/10	500.0	619.8811	50.0	177797.0	1.239762	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

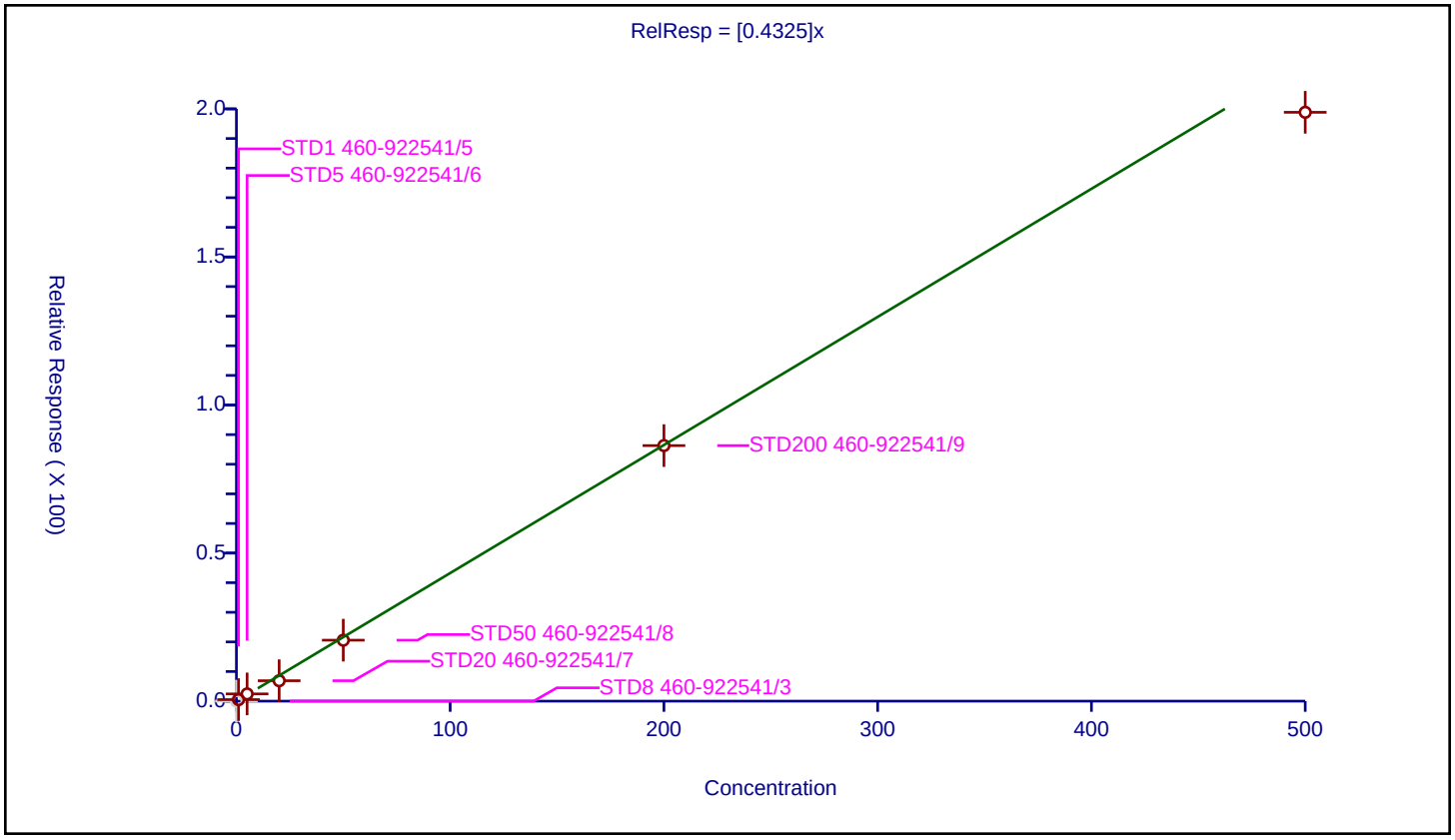
Curve Coefficients

Intercept:	0
Slope:	0.4325

Error Coefficients

Standard Error:	342000
Relative Standard Error:	14.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	0.520737	50.0	151900.0	0.520737	Y
3	STD5 460-922541/6	5.0	2.443064	50.0	137962.0	0.488613	Y
4	STD20 460-922541/7	20.0	6.896315	50.0	167430.0	0.344816	Y
5	STD50 460-922541/8	50.0	20.587053	50.0	161706.0	0.411741	Y
6	STD200 460-922541/9	200.0	86.297707	50.0	164363.0	0.431489	Y
7	STD500 460-922541/10	500.0	198.849531	50.0	177797.0	0.397699	Y



Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

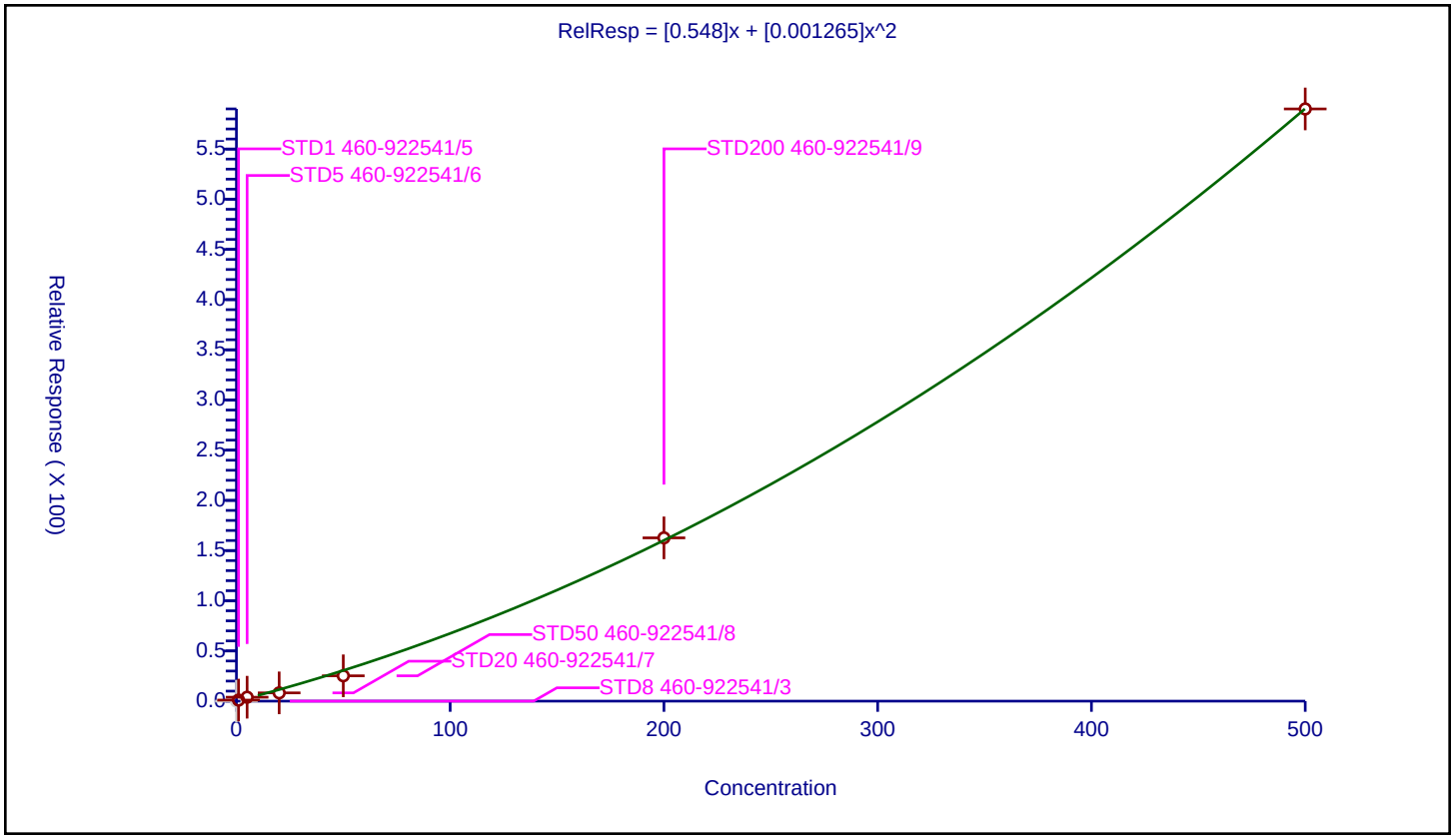
Curve Coefficients

Intercept:	0
Slope:	0.548
Second Order:	0.001265

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	51.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.037525	50.0	151900.0	1.037525	Y
3	STD5 460-922541/6	5.0	3.916296	50.0	137962.0	0.783259	Y
4	STD20 460-922541/7	20.0	8.238667	50.0	167430.0	0.411933	Y
5	STD50 460-922541/8	50.0	25.246435	50.0	161706.0	0.504929	Y
6	STD200 460-922541/9	200.0	162.665868	50.0	164363.0	0.813329	Y
7	STD500 460-922541/10	500.0	589.947243	50.0	177797.0	1.179894	Y



Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

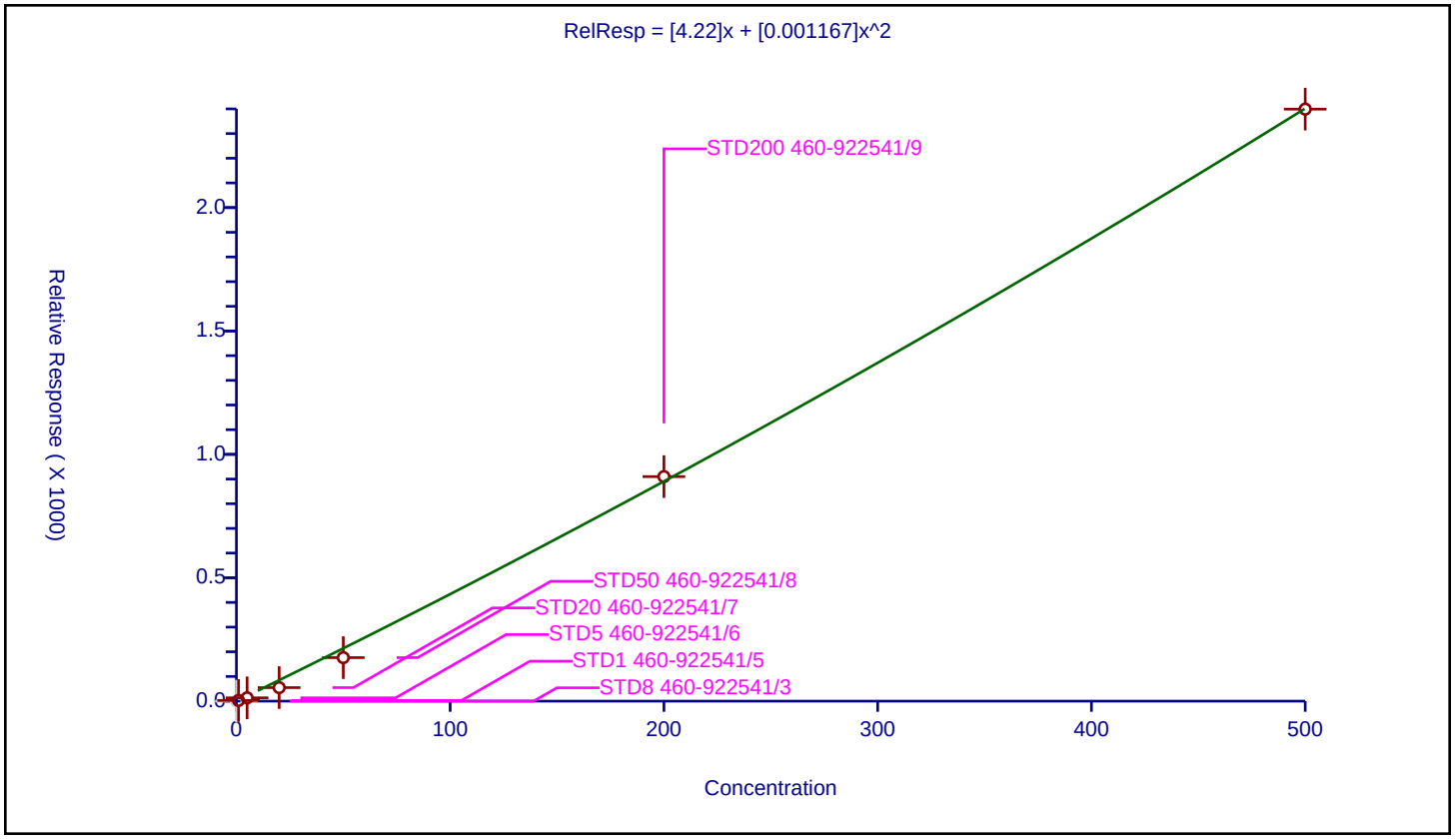
Curve Coefficients

Intercept:	0
Slope:	4.22
Second Order:	0.001167

Error Coefficients

Standard Error:	4530000
Relative Standard Error:	31.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	2.782752	50.0	151900.0	2.782752	Y
3	STD5 460-922541/6	5.0	13.464577	50.0	137962.0	2.692915	Y
4	STD20 460-922541/7	20.0	54.74676	50.0	167430.0	2.737338	Y
5	STD50 460-922541/8	50.0	176.344106	50.0	161706.0	3.526882	Y
6	STD200 460-922541/9	200.0	909.930155	50.0	164363.0	4.549651	Y
7	STD500 460-922541/10	500.0	2399.064101	50.0	177797.0	4.798128	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

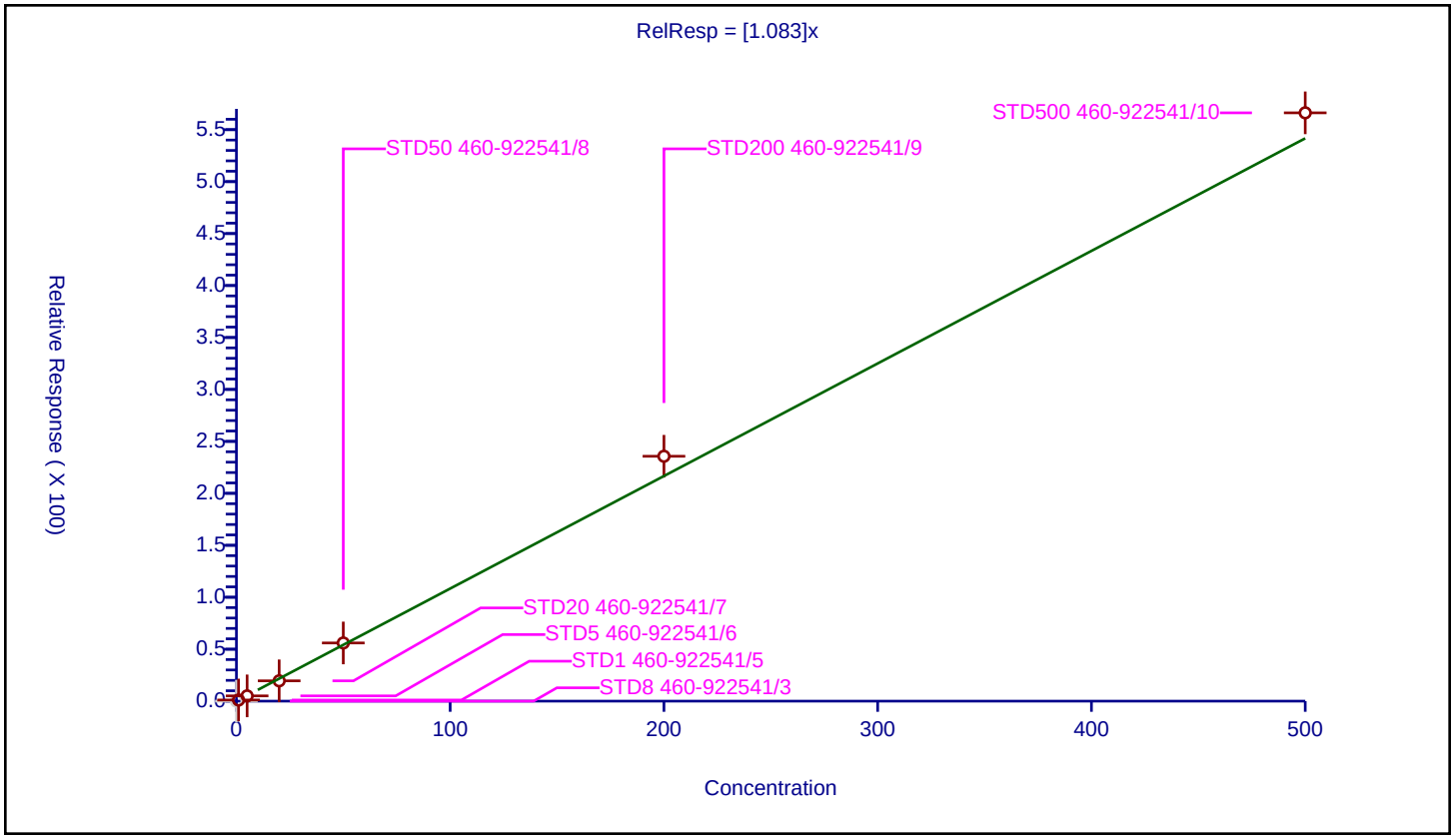
Curve Coefficients

Intercept:	0
Slope:	1.083

Error Coefficients

Standard Error:	968000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-922541/3	0.0	0.0	50.0	145708.0	NaN	N
2	STD1 460-922541/5	1.0	1.079658	50.0	151900.0	1.079658	Y
3	STD5 460-922541/6	5.0	5.060451	50.0	137962.0	1.01209	Y
4	STD20 460-922541/7	20.0	19.546975	50.0	167430.0	0.977349	Y
5	STD50 460-922541/8	50.0	55.992975	50.0	161706.0	1.119859	Y
6	STD200 460-922541/9	200.0	235.699336	50.0	164363.0	1.178497	Y
7	STD500 460-922541/10	500.0	566.209216	50.0	177797.0	1.132418	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: ICV 460-922541/21 Calibration Date: 07/23/2023 22:20

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V41131.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0374		32.3	20.0	61.4*	30.0
Chlorotrifluoroethene	QuaF		0.2449		33.7	20.0	68.4*	30.0
1,1-Difluoroethane	Ave	0.2580	0.3250		25.2	20.0	26.0	30.0
Dichlorodifluoromethane	Ave	0.5642	0.5086	0.1000	18.0	20.0	-9.8	30.0
Chlorodifluoromethane	QuaF		0.0646		18.0	20.0	-10.1	30.0
Chloromethane	Ave	0.6178	0.5630	0.1000	18.2	20.0	-8.9	30.0
Vinyl chloride	Ave	0.6875	0.6387	0.1000	18.6	20.0	-7.1	30.0
Butadiene	Ave	0.6591	0.6056		18.4	20.0	-8.1	30.0
Bromomethane	Ave	0.2327	0.2129	0.1000	18.3	20.0	-8.5	30.0
Chloroethane	Ave	0.3755	0.4040	0.1000	21.5	20.0	7.6	30.0
Dichlorofluoromethane	Ave	0.7826	0.8679		22.2	20.0	10.9	30.0
Trichlorofluoromethane	Ave	0.6087	0.5937	0.1000	19.5	20.0	-2.5	30.0
Pentane	Ave	0.0911	0.0809		35.5	40.0	-11.2	30.0
Ethanol	Ave	0.7794	0.6960		714	800	-10.7	30.0
Ethyl ether	Ave	0.3329	0.3051		18.3	20.0	-8.4	30.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.3699		16.8	20.0	-16.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3900		19.9	20.0	-0.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.7082		18.7	20.0	-6.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.3924	0.1000	17.2	20.0	-13.8	30.0
Acrolein	Ave	0.0958	0.0642		26.5	39.5	-33.0*	30.0
1,1-Dichloroethene	Ave	0.4748	0.4359	0.1000	18.4	20.0	-8.2	30.0
Acetone	Ave	1.529	1.307	0.0500	85.5	100	-14.5	30.0
Iodomethane	QuaF		0.2135		11.4	20.0	-42.9*	30.0
Isopropyl alcohol	Ave	8.111	7.522		185	200	-7.3	30.0
Carbon disulfide	Ave	1.671	1.410	0.1000	16.9	20.0	-15.6	30.0
3-Chloro-1-propene	Ave	0.3775	0.3082		16.3	20.0	-18.4	30.0
Methyl acetate	Ave	0.3923	0.3574	0.1000	36.4	40.0	-8.9	30.0
Cyclopentene	Ave	1.185	1.129		19.1	20.0	-4.7	30.0
Acetonitrile	Ave	0.5952	0.5878		197	200	-1.3	30.0
Methylene Chloride	Ave	0.5484	0.4800	0.1000	17.5	20.0	-12.5	30.0
2-Methyl-2-propanol	QuaF		13.47		212	200	5.8	30.0
Methyl tert-butyl ether	Ave	1.482	1.312	0.1000	17.7	20.0	-11.5	30.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4804	0.1000	17.6	20.0	-11.8	30.0
Acrylonitrile	Ave	0.2209	0.2078		188	200	-5.9	30.0
Hexane	Ave	0.6891	0.5921		17.2	20.0	-14.1	30.0
Isopropyl ether	Ave	1.486	1.407		18.9	20.0	-5.3	30.0
1,1-Dichloroethane	Ave	0.9240	0.8336	0.2000	18.0	20.0	-9.8	30.0
Vinyl acetate	Ave	1.096	1.064		38.8	40.0	-2.9	30.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4605		18.0	20.0	-9.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: ICV 460-922541/21 Calibration Date: 07/23/2023 22:20

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V41131.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.481	1.394		18.8	20.0	-5.9	30.0
2,2-Dichloropropane	Ave	0.1774	0.1580		17.8	20.0	-10.9	30.0
cis-1,2-Dichloroethene	Ave	0.5919	0.5401	0.1000	18.3	20.0	-8.7	30.0
Methyl Ethyl Ketone	Ave	0.7747	0.7275	0.0500	93.9	100	-6.1	30.0
Ethyl acetate	Ave	0.6691	0.6895		41.2	40.0	3.1	30.0
Methyl acrylate	Ave	0.4508	0.3956		17.5	20.0	-12.3	30.0
Propionitrile	Ave	0.0828	0.0757		183	200	-8.6	30.0
Chlorobromomethane	Ave	0.2352	0.2121		18.0	20.0	-9.8	30.0
Tetrahydrofuran	Ave	0.0798	0.0675		33.8	40.0	-15.5	30.0
Methacrylonitrile	Ave	0.2588	0.2391		185	200	-7.6	30.0
Chloroform	Ave	0.8092	0.7522	0.2000	18.6	20.0	-7.0	30.0
Cyclohexane	Ave	0.8499	0.7322	0.1000	17.2	20.0	-13.8	30.0
1,1,1-Trichloroethane	Ave	0.6226	0.5725	0.1000	18.4	20.0	-8.1	30.0
Carbon tetrachloride	Ave	0.4605	0.3992	0.1000	17.3	20.0	-13.3	30.0
1,1-Dichloropropene	Ave	0.7149	0.6240		17.5	20.0	-12.7	30.0
Isobutyl alcohol	Ave	8.075	7.940		492	500	-1.7	30.0
Isooctane	Ave	1.300	1.245		19.1	20.0	-4.3	30.0
Benzene	Ave	3.218	2.832	0.5000	17.6	20.0	-12.0	30.0
Isopropyl acetate	Ave	0.4690	0.4223		18.0	20.0	-10.0	30.0
Tert-amyl methyl ether	Ave	1.566	1.452		18.5	20.0	-7.3	30.0
1,2-Dichloroethane	Ave	0.5325	0.4720	0.1000	17.7	20.0	-11.3	30.0
n-Heptane	Ave	0.2999	0.2476		16.5	20.0	-17.4	30.0
n-Butanol	Ave	2.766	2.633		476	500	-4.8	30.0
Trichloroethene	Ave	0.5422	0.4779	0.2000	17.6	20.0	-11.9	30.0
Ethyl acrylate	Ave	0.0805	0.0738		18.3	20.0	-8.3	30.0
Methylcyclohexane	Ave	0.8719	0.7530	0.1000	17.3	20.0	-13.6	30.0
1,2-Dichloropropane	Ave	0.5374	0.4978	0.1000	18.5	20.0	-7.4	30.0
Methyl methacrylate	Ave	0.1593	0.1415		35.5	40.0	-11.2	30.0
1,4-Dioxane	Ave	2.251	2.150		382	400	-4.5	30.0
Dibromomethane	Ave	0.3017	0.2733		18.1	20.0	-9.4	30.0
n-Propyl acetate	Ave	0.7093	0.6428		18.1	20.0	-9.4	30.0
Bromodichloromethane	Ave	0.5828	0.5201	0.2000	17.8	20.0	-10.8	30.0
2-Nitropropane	Ave	0.0811	0.0668		33.0	40.0	-17.6	30.0
2-Chloroethyl vinyl ether	Ave	0.3504	0.3106		17.7	20.0	-11.4	30.0
Epichlorohydrin	Ave	0.6519	0.5970		18.3	20.0	-8.4	30.0
cis-1,3-Dichloropropene	Ave	1.163	0.9776	0.2000	16.8	20.0	-15.9	30.0
methyl isobutyl ketone	Ave	4.909	4.786	0.0500	97.5	100	-2.5	30.0
Toluene	Ave	3.321	2.858	0.4000	17.2	20.0	-13.9	30.0
trans-1,3-Dichloropropene	Ave	0.9651	0.9108	0.1000	18.9	20.0	-5.6	30.0
Ethyl methacrylate	Ave	0.8620	0.8232		19.1	20.0	-4.5	30.0
1,1,2-Trichloroethane	Ave	0.5559	0.5074	0.1000	18.3	20.0	-8.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: ICV 460-922541/21 Calibration Date: 07/23/2023 22:20

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V41131.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.4993	0.2000	17.4	20.0	-13.0	30.0
1,3-Dichloropropane	Ave	1.130	1.050		18.6	20.0	-7.1	30.0
2-Hexanone	Ave	3.245	3.137	0.0500	96.7	100	-3.3	30.0
n-Butyl acetate	Ave	0.9451	0.8446		17.9	20.0	-10.6	30.0
Dibromochloromethane	Ave	0.5009	0.4556	0.1000	18.2	20.0	-9.1	30.0
Ethylene Dibromide	Ave	0.6138	0.5562	0.1000	18.1	20.0	-9.4	30.0
Chlorobenzene	Ave	1.863	1.683	0.5000	18.1	20.0	-9.7	30.0
Ethylbenzene	Ave	1.046	0.9310	0.1000	17.8	20.0	-11.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.4725		19.0	20.0	-4.8	30.0
m-Xylene & p-Xylene	Ave	1.293	1.166	0.1000	18.0	20.0	-9.8	30.0
o-Xylene	Ave	1.254	1.120	0.3000	17.9	20.0	-10.7	30.0
n-Butyl acrylate	Ave	0.4953	0.4918		19.9	20.0	-0.7	30.0
Styrene	Ave	1.977	1.896	0.3000	19.2	20.0	-4.1	30.0
Amyl acetate (mixed isomers)	Ave	2.377	2.231		18.8	20.0	-6.1	30.0
Bromoform	Ave	0.2578	0.2488	0.1000	19.3	20.0	-3.5	30.0
Isopropylbenzene	Ave	3.034	2.750	0.1000	18.1	20.0	-9.4	30.0
Bromobenzene	Ave	1.418	1.280		18.0	20.0	-9.8	30.0
1,1,2,2-Tetrachloroethane	Ave	2.047	1.860	0.3000	18.2	20.0	-9.1	30.0
N-Propylbenzene	Ave	8.568	7.766		18.1	20.0	-9.4	30.0
1,2,3-Trichloropropane	Ave	0.5228	0.4851		18.6	20.0	-7.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.4188		17.6	20.0	-12.1	30.0
2-Chlorotoluene	Ave	5.560	5.026		18.1	20.0	-9.6	30.0
4-Ethyltoluene	Ave	6.834	6.189		18.1	20.0	-9.4	30.0
1,3,5-Trimethylbenzene	Ave	5.575	4.751		17.0	20.0	-14.8	30.0
4-Chlorotoluene	Ave	5.326	4.902		18.4	20.0	-8.0	30.0
Butyl Methacrylate	Ave	1.871	1.720		18.4	20.0	-8.1	30.0
tert-Butylbenzene	Ave	4.553	4.090		18.0	20.0	-10.2	30.0
1,2,4-Trimethylbenzene	Ave	5.541	4.841		17.5	20.0	-12.6	30.0
sec-Butylbenzene	Ave	6.869	6.176		18.0	20.0	-10.1	30.0
4-Isopropyltoluene	Ave	5.265	4.734		18.0	20.0	-10.1	30.0
1,3-Dichlorobenzene	Ave	2.710	2.451	0.6000	18.1	20.0	-9.5	30.0
1,4-Dichlorobenzene	Ave	2.792	2.531	0.5000	18.1	20.0	-9.4	30.0
1,2,3-Trimethylbenzene	Ave	5.496	5.038		18.3	20.0	-8.3	30.0
Benzyl chloride	Ave	3.289	3.049		18.5	20.0	-7.3	30.0
Indan	Ave	5.680	5.045		17.8	20.0	-11.2	30.0
p-Diethylbenzene	Ave	3.111	2.859		18.4	20.0	-8.1	30.0
n-Butylbenzene	Ave	2.609	2.381		18.3	20.0	-8.7	30.0
1,2-Dichlorobenzene	Ave	2.559	2.384	0.4000	18.6	20.0	-6.8	30.0
1,2,4,5-Tetramethylbenzene	Qua2		2.939		17.8	20.0	-11.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.2734	0.0500	17.1	20.0	-14.5	30.0
1,3,5-Trichlorobenzene	Ave	1.358	1.234		18.2	20.0	-9.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: ICV 460-922541/21 Calibration Date: 07/23/2023 22:20

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V41131.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.146	1.055	0.2000	18.4	20.0	-7.9	30.0
Hexachlorobutadiene	Ave	0.4325	0.4122		19.1	20.0	-4.7	30.0
2-Ethylhexyl acrylate	QuaF		0.5519		19.3	20.0	-3.6	30.0
Naphthalene	QuaF		2.813		13.3	20.0	-33.6*	30.0
1,2,3-Trichlorobenzene	Ave	1.083	0.9710		17.9	20.0	-10.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2428	0.2438		50.2	50.0	0.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2411	0.2376		49.3	50.0	-1.5	30.0
Toluene-d8 (Surr)	Ave	1.680	1.682		50.1	50.0	0.1	30.0
4-Bromofluorobenzene	Ave	0.3310	0.3369		50.9	50.0	1.8	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41131.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Jul-2023 22:20:30 ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0163741-021
Operator ID: Instrument ID: CVOAMS7
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Jul-2023 12:00:28 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1613

First Level Reviewer: K0HS Date: 24-Jul-2023 11:40:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.163	0.011	86	7727	20.0	32.3	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	91	50640	20.0	33.7	
4 1,1-Difluoroethane	65	1.266	1.254	0.012	72	67212	20.0	25.2	
5 Dichlorodifluoromethane	85	1.266	1.265	0.001	99	105179	20.0	18.0	M
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	13359	20.0	18.0	
6 Chloromethane	50	1.403	1.403	0.000	99	116415	20.0	18.2	
7 Vinyl chloride	62	1.460	1.448	0.012	98	132075	20.0	18.6	
8 Butadiene	54	1.471	1.471	0.000	96	125236	20.0	18.4	
9 Bromomethane	94	1.666	1.666	0.000	99	44019	20.0	18.3	
10 Chloroethane	64	1.734	1.723	0.011	98	83540	20.0	21.5	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	179478	20.0	22.2	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	100	122776	20.0	19.5	
13 Pentane	72	1.894	1.883	0.011	95	33445	40.0	35.5	
17 Ethanol	46	1.997	1.997	0.000	97	18190	800.0	714.3	
14 Ethyl ether	74	2.031	2.031	0.000	96	63088	20.0	18.3	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	87	76495	20.0	16.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.054	0.012	96	80638	20.0	19.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	146443	20.0	18.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	81138	20.0	17.2	
52 Acrolein	56	2.168	2.168	0.000	57	26234	39.5	26.5	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	94	90139	20.0	18.4	
23 Acetone	43	2.260	2.248	0.012	90	119766	100.0	85.5	
21 Iodomethane	142	2.317	2.317	0.000	95	44158	20.0	11.4	
24 Isopropyl alcohol	45	2.317	2.317	0.000	97	49149	200.0	185.5	
22 Carbon disulfide	76	2.351	2.351	0.000	98	291537	20.0	16.9	
30 Methyl acetate	43	2.443	2.431	0.012	97	147814	40.0	36.4	
26 3-Chloro-1-propene	76	2.443	2.431	0.012	93	63725	20.0	16.3	
25 Cyclopentene	67	2.466	2.454	0.012	95	233461	20.0	19.1	
27 Acetonitrile	41	2.488	2.488	0.000	99	107724	200.0	197.5	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	32671	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.546	2.534	0.012	88	99249	20.0	17.5	
31 2-Methyl-2-propanol	59	2.569	2.568	0.000	99	88005	200.0	211.7	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	97	271378	20.0	17.7	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	90	99340	20.0	17.6	
35 Acrylonitrile	53	2.740	2.740	0.000	96	429799	200.0	188.2	
36 Hexane	57	2.820	2.808	0.012	89	122437	20.0	17.2	
37 Isopropyl ether	45	2.980	2.980	0.000	97	290925	20.0	18.9	
38 1,1-Dichloroethane	63	3.026	3.014	0.012	71	172379	20.0	18.0	
40 Vinyl acetate	86	3.026	3.014	0.012	100	38997	40.0	38.8	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	88	95224	20.0	18.0	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	90	288209	20.0	18.8	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	229094	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.449	0.000	94	32671	20.0	17.8	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	96	111687	20.0	18.3	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	97	66669	100.0	93.9	
47 Ethyl acetate	70	3.483	3.471	0.012	96	25274	40.0	41.2	
46 Methyl acrylate	55	3.540	3.529	0.011	100	81797	20.0	17.5	
48 Propionitrile	54	3.597	3.597	0.000	99	156525	200.0	182.8	
49 Chlorobromomethane	128	3.677	3.677	0.000	92	43861	20.0	18.0	
50 Tetrahydrofuran	72	3.677	3.677	0.000	84	27912	40.0	33.8	
54 Methacrylonitrile	67	3.689	3.689	0.000	88	494452	200.0	184.8	
51 Chloroform	83	3.723	3.723	0.000	99	155550	20.0	18.6	
53 Cyclohexane	84	3.849	3.837	0.012	88	151403	20.0	17.2	
55 1,1,1-Trichloroethane	97	3.860	3.849	0.011	97	118380	20.0	18.4	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	126029	50.0	50.2	
57 Carbon tetrachloride	117	3.974	3.963	0.011	98	82558	20.0	17.3	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	99	129031	20.0	17.5	
61 Isobutyl alcohol	43	4.123	4.123	0.000	91	129698	500.0	491.6	
64 Isooctane	57	4.146	4.146	0.000	99	257364	20.0	19.1	
59 Benzene	78	4.180	4.180	0.000	94	431621	20.0	17.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	92	122816	50.0	49.3	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	87327	20.0	18.0	
62 Tert-amyl methyl ether	73	4.237	4.226	0.011	92	300250	20.0	18.5	
63 1,2-Dichloroethane	62	4.272	4.271	0.001	96	97612	20.0	17.7	
65 n-Heptane	57	4.329	4.317	0.012	89	51202	20.0	16.5	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	516974	50.0	50.0	
70 n-Butanol	56	4.797	4.797	0.000	81	43007	500.0	476.0	
69 Trichloroethene	95	4.809	4.809	0.000	97	98834	20.0	17.6	
72 Methylcyclohexane	83	4.923	4.923	0.000	82	155709	20.0	17.3	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	15265	20.0	18.3	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	102947	20.0	18.5	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	81	30719	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	86	58524	40.0	35.5	
78 1,4-Dioxane	88	5.220	5.220	0.000	89	26419	400.0	382.1	
75 Dibromomethane	93	5.232	5.232	0.000	60	56525	20.0	18.1	
77 n-Propyl acetate	43	5.232	5.232	0.000	97	132919	20.0	18.1	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	107561	20.0	17.8	
34 2-Nitropropane	41	5.723	5.723	0.000	97	27622	40.0	33.0	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	94	64233	20.0	17.7	
80 Epichlorohydrin	57	5.860	5.849	0.011	91	10942	20.0	18.3	
81 cis-1,3-Dichloropropene	75	5.917	5.917	0.000	89	149000	20.0	16.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	94	438538	100.0	97.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	640982	50.0	50.1	
83 Toluene	91	6.249	6.249	0.000	93	435547	20.0	17.2	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	94	138825	20.0	18.9	
86 Ethyl methacrylate	69	6.683	6.672	0.011	86	125476	20.0	19.1	
87 1,1,2-Trichloroethane	83	6.878	6.877	0.001	97	77341	20.0	18.3	
88 Tetrachloroethene	166	6.912	6.912	0.000	92	76109	20.0	17.4	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	89	160086	20.0	18.6	
91 2-Hexanone	43	7.175	7.175	0.000	94	287433	100.0	96.7	
92 n-Butyl acetate	43	7.323	7.323	0.000	97	128737	20.0	17.9	
90 Chlorodibromomethane	129	7.369	7.369	0.000	97	69440	20.0	18.2	
93 Ethylene Dibromide	107	7.529	7.529	0.000	96	84772	20.0	18.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	85	381046	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	94	256457	20.0	18.1	
97 Ethylbenzene	106	8.226	8.226	0.000	98	141904	20.0	17.8	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	72021	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	95	177767	20.0	18.0	
100 o-Xylene	106	8.809	8.809	0.000	95	170722	20.0	17.9	
99 n-Butyl acrylate	73	8.821	8.821	0.001	99	74962	20.0	19.9	
101 Styrene	104	8.843	8.843	0.000	98	289028	20.0	19.2	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	92	146652	20.0	18.8	
103 Bromoform	173	9.061	9.061	0.000	56	37925	20.0	19.3	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	419143	20.0	18.1	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	128358	50.0	50.9	
107 Bromobenzene	156	9.506	9.506	0.000	94	84103	20.0	18.0	
108 1,1,2,2-Tetrachloroethane	83	9.575	9.575	0.000	99	122269	20.0	18.2	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	510451	20.0	18.1	
115 1,2,3-Trichloropropane	110	9.609	9.609	0.000	98	31885	20.0	18.6	
112 trans-1,4-Dichloro-2-butene	53	9.632	9.632	0.000	92	27528	20.0	17.6	
114 2-Chlorotoluene	91	9.678	9.678	0.000	95	330305	20.0	18.1	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	406742	20.0	18.1	
116 1,3,5-Trimethylbenzene	105	9.758	9.758	0.000	93	312274	20.0	17.0	
110 4-Chlorotoluene	91	9.792	9.792	0.000	97	322207	20.0	18.4	
117 Butyl Methacrylate	87	9.861	9.861	0.000	84	113077	20.0	18.4	
118 tert-Butylbenzene	119	10.021	10.021	0.000	95	268787	20.0	18.0	
119 1,2,4-Trimethylbenzene	105	10.089	10.089	0.000	97	318143	20.0	17.5	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	405933	20.0	18.0	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	311172	20.0	18.0	
122 1,3-Dichlorobenzene	146	10.352	10.352	0.000	97	161121	20.0	18.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	164313	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	95	166334	20.0	18.1	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	99	331133	20.0	18.3	
125 Benzyl chloride	91	10.558	10.558	0.000	99	200394	20.0	18.5	
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	331557	20.0	17.8	
126 p-Diethylbenzene	119	10.661	10.661	0.000	94	187912	20.0	18.4	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	156520	20.0	18.3	
128 1,2-Dichlorobenzene	146	10.741	10.741	0.000	95	156702	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	193156	20.0	17.8	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	97	17971	20.0	17.1	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	81101	20.0	18.2	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	69371	20.0	18.4	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	27095	20.0	19.1	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	91	36274	20.0	19.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 Naphthalene	128	12.124	12.124	0.000	100	184906	20.0	13.3	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	63820	20.0	17.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.9	
S 137 Xylenes, Total	100				0		40.0	35.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	35.7	
S 139 Total BTEX	1				0		100.0	88.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

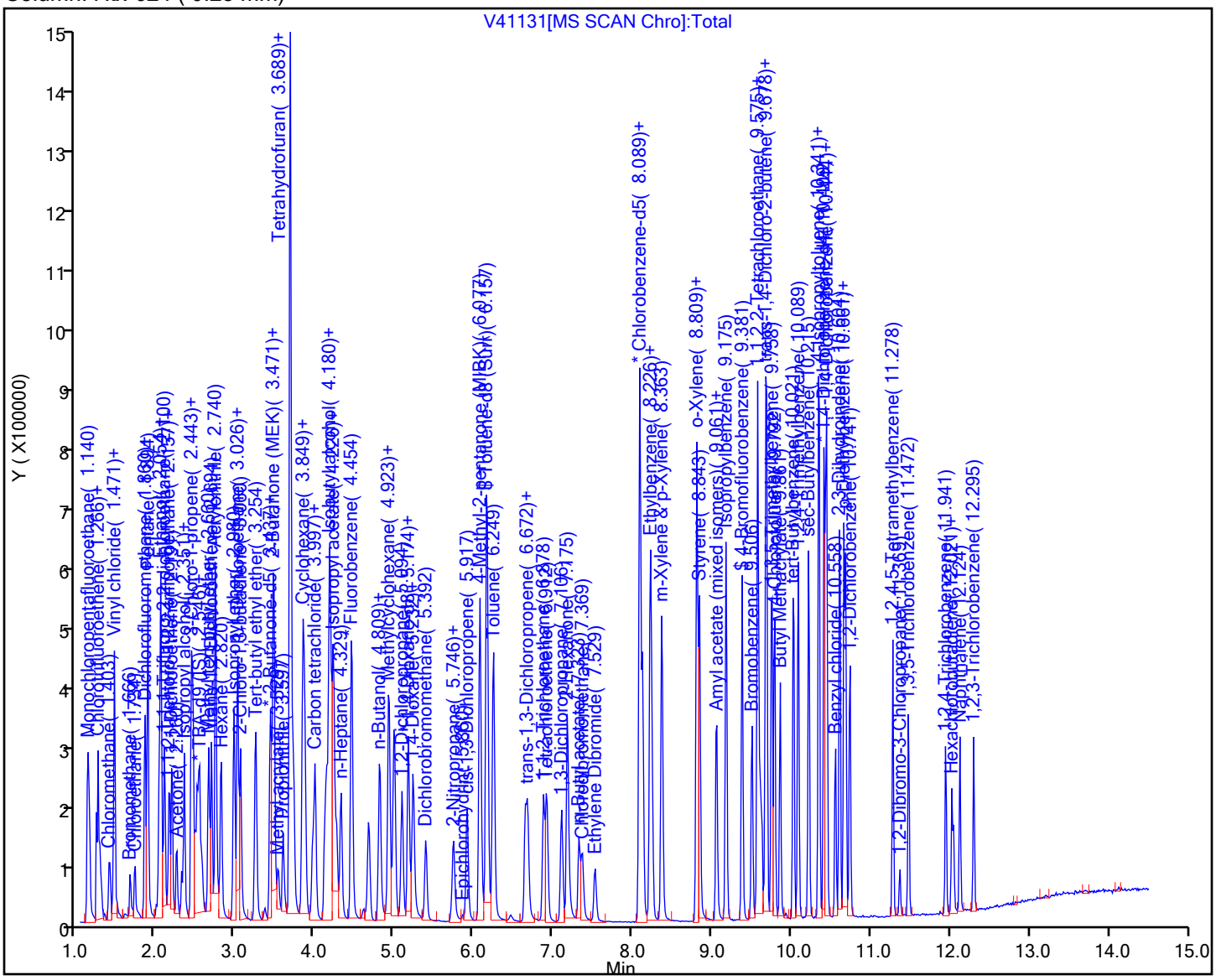
Reagents:

EthhexAcr_SS_00001	Amount Added: 20.00	Units: uL		
8260 SP_00168	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00154	Amount Added: 4.00	Units: uL		
GAS C SP_00524	Amount Added: 20.00	Units: uL		
7 Freons SS_00003	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 25-Jul-2023 12:00:30 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41131.D
Injection Date: 23-Jul-2023 22:20:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

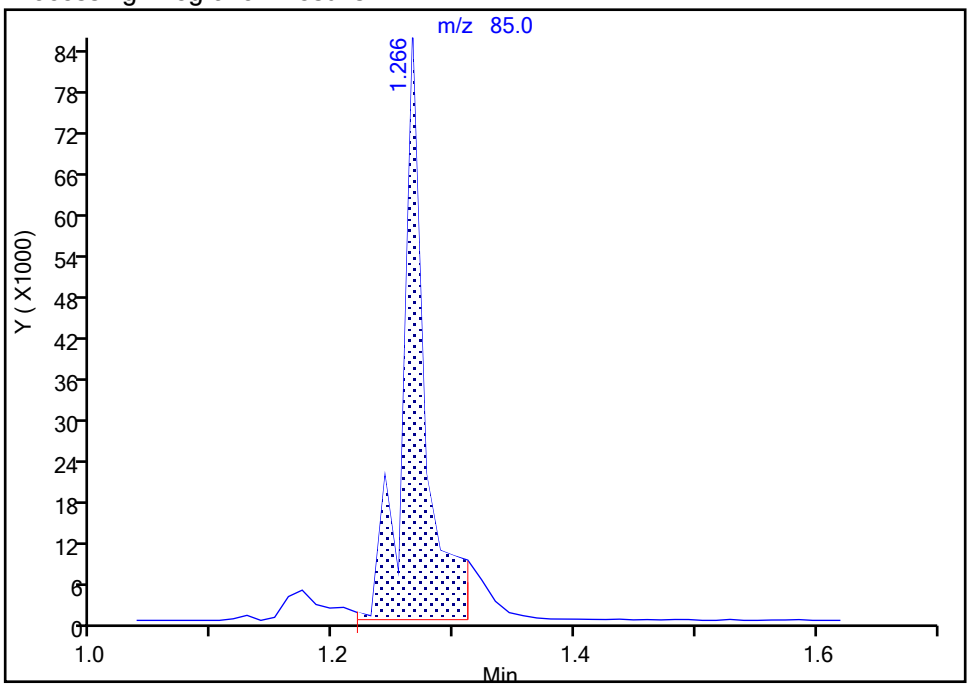
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41131.D
Injection Date: 23-Jul-2023 22:20:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

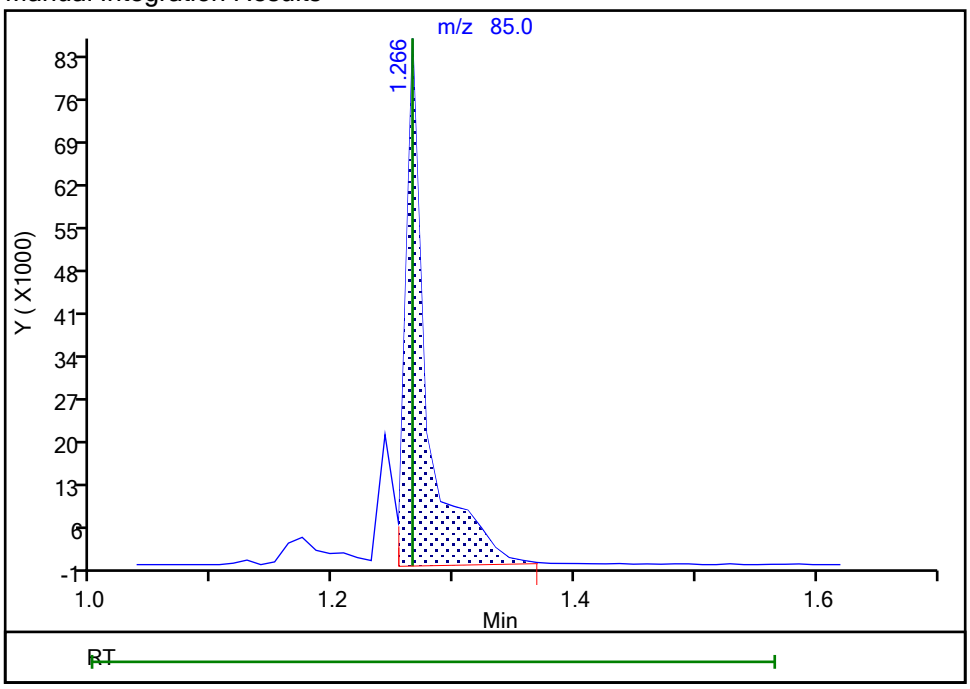
Processing Integration Results

RT: 1.27
Area: 113494
Amount: 19.455860
Amount Units: ug/l



Manual Integration Results

RT: 1.27
Area: 105179
Amount: 18.030450
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 11:09:16 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

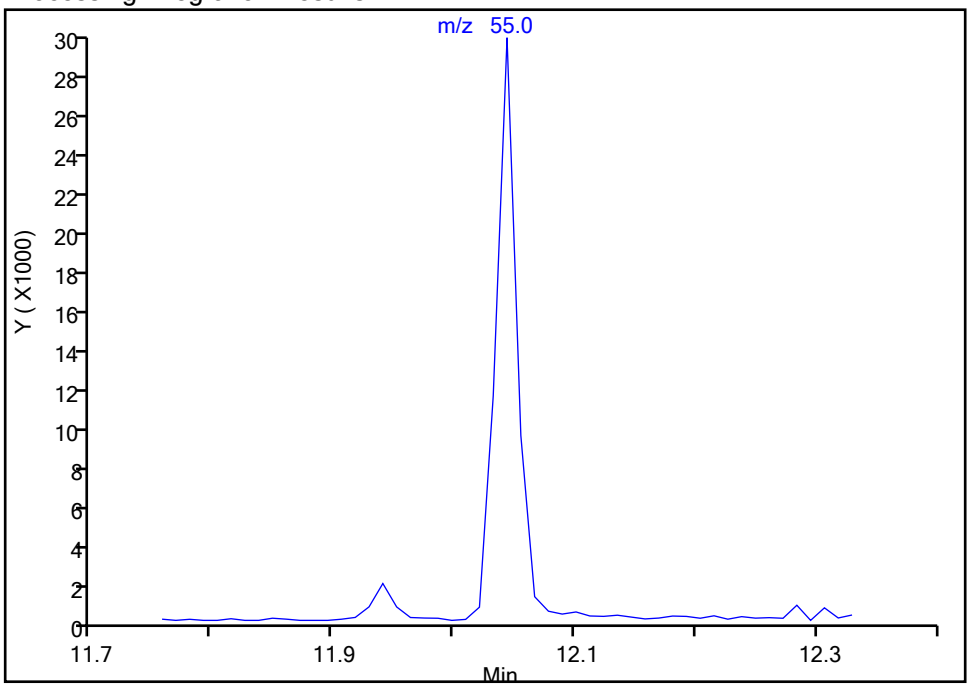
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41131.D
Injection Date: 23-Jul-2023 22:20:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 70 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

168 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

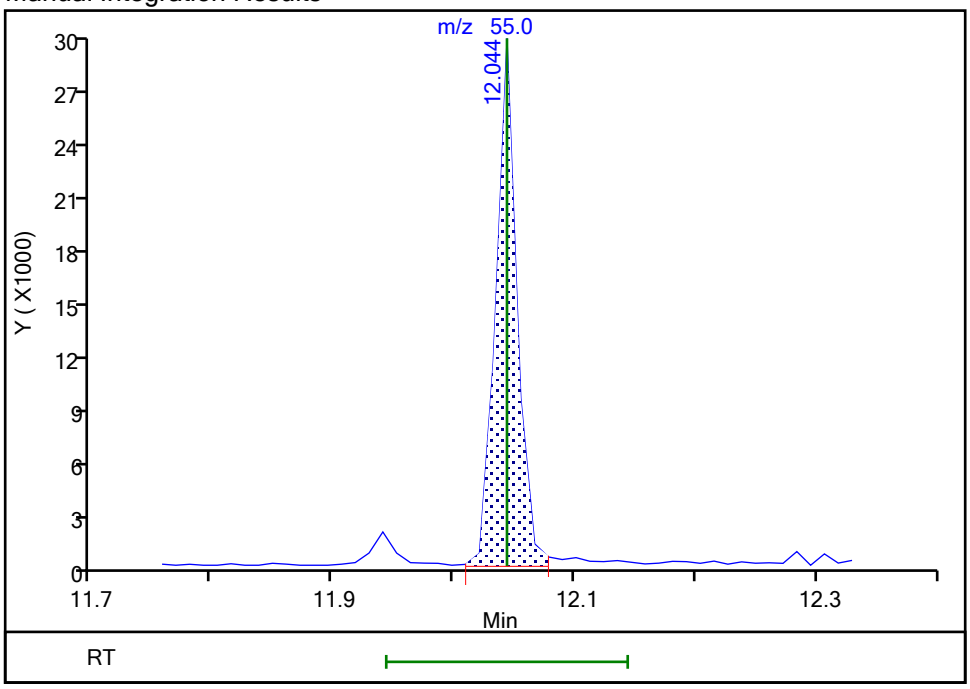
Not Detected
Expected RT: 12.04

Processing Integration Results



Manual Integration Results

RT: 12.04
Area: 36274
Amount: 19.283541
Amount Units: ug/l



Reviewer: W9CM, 25-Jul-2023 11:10:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0230		19.9	20.0	-0.6	20.0
Chlorotrifluoroethene	QuaF		0.1354		18.7	20.0	-6.5	20.0
1,1-Difluoroethane	Ave	0.2580	0.2825		21.9	20.0	9.5	20.0
Dichlorodifluoromethane	Ave	0.5642	0.6272	0.1000	22.2	20.0	11.2	20.0
Chlorodifluoromethane	QuaF		0.0705		19.6	20.0	-1.8	20.0
Chloromethane	Ave	0.6178	0.9494	0.1000	30.7	20.0	53.7*	20.0
Vinyl chloride	Ave	0.6875	0.9265	0.1000	27.0	20.0	34.8*	20.0
Butadiene	Ave	0.6591	0.9537		28.9	20.0	44.7*	20.0
Bromomethane	Ave	0.2327	0.3478	0.1000	29.9	20.0	49.5	50.0
Chloroethane	Ave	0.3755	0.6120	0.1000	32.6	20.0	63.0*	50.0
Dichlorofluoromethane	Ave	0.7826	1.127		28.8	20.0	44.0*	20.0
Trichlorofluoromethane	Ave	0.6087	0.7020	0.1000	23.1	20.0	15.3	20.0
Pentane	Ave	0.0911	0.0989		43.4	40.0	8.6	20.0
Ethanol	Ave	0.7794	1.089		1120	800	39.8	50.0
Ethyl ether	Ave	0.3329	0.3541		21.3	20.0	6.4	20.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.4634		21.0	20.0	5.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3592		18.4	20.0	-8.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.7381		19.4	20.0	-2.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.3841	0.1000	16.9	20.0	-15.6	20.0
Acrolein	Ave	0.0958	0.0994		41.5	40.0	3.8	50.0
1,1-Dichloroethene	Ave	0.4748	0.4311	0.1000	18.2	20.0	-9.2	20.0
Acetone	Ave	1.529	1.488	0.0500	97.3	100	-2.7	50.0
Iodomethane	QuaF		0.2298		12.3	20.0	-38.6*	20.0
Isopropyl alcohol	Ave	8.111	11.90		294	200	46.8	50.0
Carbon disulfide	Ave	1.671	1.477	0.1000	17.7	20.0	-11.6	50.0
3-Chloro-1-propene	Ave	0.3775	0.3407		18.1	20.0	-9.7	20.0
Methyl acetate	Ave	0.3923	0.4957	0.1000	50.5	40.0	26.4*	20.0
Cyclopentene	Ave	1.185	1.175		19.8	20.0	-0.8	20.0
Acetonitrile	Ave	0.5952	0.7222		243	200	21.3*	20.0
Methylene Chloride	Ave	0.5484	0.5511	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	QuaF		17.30		272	200	36.2	50.0
Methyl tert-butyl ether	Ave	1.482	1.574	0.1000	21.2	20.0	6.2	20.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4863	0.1000	17.9	20.0	-10.7	20.0
Acrylonitrile	Ave	0.2209	0.2781		252	200	25.9*	20.0
Hexane	Ave	0.6891	0.6708		19.5	20.0	-2.7	20.0
Isopropyl ether	Ave	1.486	1.973		26.6	20.0	32.8*	20.0
1,1-Dichloroethane	Ave	0.9240	1.015	0.2000	22.0	20.0	9.9	20.0
Vinyl acetate	Ave	1.096	0.9347		34.1	40.0	-14.7	20.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4613		18.0	20.0	-9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.481	1.694		22.9	20.0	14.4	20.0
2,2-Dichloropropane	Ave	0.1774	0.1595		18.0	20.0	-10.1	20.0
cis-1,2-Dichloroethene	Ave	0.5919	0.5708	0.1000	19.3	20.0	-3.6	20.0
Ethyl acetate	Ave	0.6691	0.6058		36.2	40.0	-9.5	20.0
Methyl Ethyl Ketone	Ave	0.7747	0.6803	0.0500	87.8	100	-12.2	50.0
Methyl acrylate	Ave	0.4508	0.5236		23.2	20.0	16.2	20.0
Propionitrile	Ave	0.0828	0.1016		245	200	22.7*	20.0
Chlorobromomethane	Ave	0.2352	0.2304		19.6	20.0	-2.1	20.0
Methacrylonitrile	Ave	0.2588	0.2880		223	200	11.3	20.0
Tetrahydrofuran	Ave	0.0798	0.0768		38.5	40.0	-3.8	20.0
Chloroform	Ave	0.8092	0.8176	0.2000	20.2	20.0	1.0	20.0
Cyclohexane	Ave	0.8499	0.7193	0.1000	16.9	20.0	-15.4	50.0
1,1,1-Trichloroethane	Ave	0.6226	0.5830	0.1000	18.7	20.0	-6.4	20.0
Carbon tetrachloride	Ave	0.4605	0.4205	0.1000	18.3	20.0	-8.7	20.0
1,1-Dichloropropene	Ave	0.7149	0.7020		19.6	20.0	-1.8	20.0
Isobutyl alcohol	Ave	8.075	12.58		779	500	55.8*	50.0
Isooctane	Ave	1.300	1.338		20.6	20.0	2.9	20.0
Benzene	Ave	3.218	3.634	0.5000	22.6	20.0	12.9	20.0
Isopropyl acetate	Ave	0.4690	0.4326		18.4	20.0	-7.8	20.0
Tert-amyl methyl ether	Ave	1.566	1.593		20.4	20.0	1.8	20.0
1,2-Dichloroethane	Ave	0.5325	0.5646	0.1000	21.2	20.0	6.0	20.0
n-Heptane	Ave	0.2999	0.2939		19.6	20.0	-2.0	20.0
n-Butanol	Ave	2.766	3.878		701	500	40.2	50.0
Trichloroethene	Ave	0.5422	0.4856	0.2000	17.9	20.0	-10.5	20.0
Ethyl acrylate	Ave	0.0805	0.0731		18.2	20.0	-9.2	20.0
Methylcyclohexane	Ave	0.8719	0.7172	0.1000	16.5	20.0	-17.7	50.0
1,2-Dichloropropane	Ave	0.5374	0.5979	0.1000	22.3	20.0	11.3	20.0
Methyl methacrylate	Ave	0.1593	0.1394		35.0	40.0	-12.5	20.0
1,4-Dioxane	Ave	2.251	2.976		529	400	32.2	50.0
Dibromomethane	Ave	0.3017	0.2838		18.8	20.0	-5.9	20.0
n-Propyl acetate	Ave	0.7093	0.8779		24.8	20.0	23.8*	20.0
Bromodichloromethane	Ave	0.5828	0.5945	0.2000	20.4	20.0	2.0	20.0
2-Nitropropane	Ave	0.0811	0.1295		63.9	40.0	59.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.3504	0.3759		21.5	20.0	7.3	20.0
Epichlorohydrin	Ave	0.6519	0.6314		387	400	-3.1	20.0
cis-1,3-Dichloropropene	Ave	1.163	1.426	0.2000	24.5	20.0	22.6	50.0
methyl isobutyl ketone	Ave	4.909	5.407	0.0500	110	100	10.1	50.0
Toluene	Ave	3.321	3.466	0.4000	20.9	20.0	4.4	20.0
trans-1,3-Dichloropropene	Ave	0.9651	1.154	0.1000	23.9	20.0	19.6	50.0
Ethyl methacrylate	Ave	0.8620	1.078		25.0	20.0	25.1*	20.0
1,1,2-Trichloroethane	Ave	0.5559	0.6457	0.1000	23.2	20.0	16.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.5829	0.2000	20.3	20.0	1.6	20.0
1,3-Dichloropropane	Ave	1.130	1.317		23.3	20.0	16.5	20.0
2-Hexanone	Ave	3.245	3.395	0.0500	105	100	4.6	50.0
n-Butyl acetate	Ave	0.9451	1.382		29.2	20.0	46.2*	20.0
Dibromochloromethane	Ave	0.5009	0.5986	0.1000	23.9	20.0	19.5	50.0
Ethylene Dibromide	Ave	0.6138	0.6690	0.1000	21.8	20.0	9.0	20.0
Chlorobenzene	Ave	1.863	1.876	0.5000	20.1	20.0	0.7	20.0
Ethylbenzene	Ave	1.046	1.048	0.1000	20.0	20.0	0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.5603		22.6	20.0	12.9	20.0
m-Xylene & p-Xylene	Ave	1.293	1.276	0.1000	19.7	20.0	-1.3	20.0
o-Xylene	Ave	1.254	1.298	0.3000	20.7	20.0	3.5	20.0
n-Butyl acrylate	Ave	0.4953	0.5912		23.9	20.0	19.4	20.0
Styrene	Ave	1.977	2.112	0.3000	21.4	20.0	6.8	20.0
Amyl acetate (mixed isomers)	Ave	2.377	3.912		32.9	20.0	64.6*	20.0
Bromoform	Ave	0.2578	0.3516	0.1000	27.3	20.0	36.4*	20.0
Isopropylbenzene	Ave	3.034	3.066	0.1000	20.2	20.0	1.0	20.0
Bromobenzene	Ave	1.418	1.602		22.6	20.0	13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	2.047	2.479	0.3000	24.2	20.0	21.1*	20.0
N-Propylbenzene	Ave	8.568	9.647		22.5	20.0	12.6	20.0
1,2,3-Trichloropropane	Ave	0.5228	0.6213		23.8	20.0	18.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.6360		26.7	20.0	33.5*	20.0
2-Chlorotoluene	Ave	5.560	6.207		22.3	20.0	11.6	20.0
4-Ethyltoluene	Ave	6.834	7.468		21.9	20.0	9.3	20.0
1,3,5-Trimethylbenzene	Ave	5.575	6.025		21.6	20.0	8.1	20.0
4-Chlorotoluene	Ave	5.326	5.987		22.5	20.0	12.4	20.0
Butyl Methacrylate	Ave	1.871	2.167		23.2	20.0	15.8	20.0
tert-Butylbenzene	Ave	4.553	4.801		21.1	20.0	5.4	20.0
1,2,4-Trimethylbenzene	Ave	5.541	6.090		22.0	20.0	9.9	20.0
sec-Butylbenzene	Ave	6.869	7.350		21.4	20.0	7.0	20.0
1,3-Dichlorobenzene	Ave	2.710	3.002	0.6000	22.2	20.0	10.8	20.0
4-Isopropyltoluene	Ave	5.265	5.791		22.0	20.0	10.0	20.0
1,4-Dichlorobenzene	Ave	2.792	3.079	0.5000	22.1	20.0	10.3	20.0
1,2,3-Trimethylbenzene	Ave	5.496	6.155		22.4	20.0	12.0	20.0
Benzyl chloride	Ave	3.289	4.222		25.7	20.0	28.4	50.0
Indan	Ave	5.680	6.180		21.8	20.0	8.8	20.0
p-Diethylbenzene	Ave	3.111	3.390		21.8	20.0	9.0	20.0
n-Butylbenzene	Ave	2.609	3.116		23.9	20.0	19.5	20.0
1,2-Dichlorobenzene	Ave	2.559	2.827	0.4000	22.1	20.0	10.5	20.0
1,2,4,5-Tetramethylbenzene	Qua2		3.582		21.6	20.0	7.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.3374	0.0500	21.1	20.0	5.6	50.0
1,3,5-Trichlorobenzene	Ave	1.358	1.620		23.9	20.0	19.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.146	1.348	0.2000	23.5	20.0	17.6	20.0
Hexachlorobutadiene	Ave	0.4325	0.5076		23.5	20.0	17.4	20.0
Naphthalene	QuaF		4.001		18.9	20.0	-5.7	50.0
1,2,3-Trichlorobenzene	Ave	1.083	1.313		24.2	20.0	21.2*	20.0
Dibromofluoromethane (Surr)	Ave	0.2428	0.2252		46.4	50.0	-7.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2411	0.2533		52.5	50.0	5.0	20.0
Toluene-d8 (Surr)	Ave	1.680	1.825		54.3	50.0	8.7	20.0
4-Bromofluorobenzene	Ave	0.3310	0.3667		55.4	50.0	10.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42032.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Aug-2023 08:21:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0164631-005
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:54:05 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: W9CM Date: 15-Aug-2023 18:54:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.163	0.000	74	3886	20.0	19.9	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	88	22862	20.0	18.7	
4 1,1-Difluoroethane	65	1.254	1.254	0.000	91	47701	20.0	21.9	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	105903	20.0	22.2	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	11905	20.0	19.6	
6 Chloromethane	50	1.403	1.403	0.000	99	160303	20.0	30.7	
7 Vinyl chloride	62	1.460	1.460	0.000	98	156426	20.0	27.0	
8 Butadiene	54	1.471	1.471	0.000	97	161024	20.0	28.9	
9 Bromomethane	94	1.665	1.665	0.000	98	58729	20.0	29.9	
10 Chloroethane	64	1.723	1.723	0.000	99	103339	20.0	32.6	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	190239	20.0	28.8	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	97	118528	20.0	23.1	
13 Pentane	72	1.894	1.894	0.000	97	33394	40.0	43.4	
17 Ethanol	46	1.997	1.997	0.000	99	21722	800.0	1118.0	
14 Ethyl ether	74	2.031	2.031	0.000	93	59787	20.0	21.3	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	96	78248	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	95	60649	20.0	18.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	124615	20.0	19.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	64856	20.0	16.9	
52 Acrolein	56	2.168	2.168	0.000	92	33573	40.0	41.5	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	98	72790	20.0	18.2	
23 Acetone	43	2.248	2.248	0.000	88	140141	100.0	97.3	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	59341	200.0	293.5	
21 Iodomethane	142	2.317	2.317	0.000	97	38807	20.0	12.3	
22 Carbon disulfide	76	2.351	2.351	0.000	98	249396	20.0	17.7	
30 Methyl acetate	43	2.431	2.431	0.000	98	167401	40.0	50.5	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	95	57527	20.0	18.1	
25 Cyclopentene	67	2.454	2.454	0.000	94	198379	20.0	19.8	
27 Acetonitrile	41	2.488	2.488	0.000	97	136014	200.0	242.7	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	24928	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.534	2.534	0.000	96	93054	20.0	20.1	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	100	86257	200.0	272.3	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	99	265742	20.0	21.2	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	95	82112	20.0	17.9	
35 Acrylonitrile	53	2.740	2.740	0.000	97	469511	200.0	251.7	
40 Vinyl acetate	86	3.026	3.026	0.000	100	35209	40.0	34.1	a
36 Hexane	57	2.808	2.808	0.000	95	113258	20.0	19.5	
37 Isopropyl ether	45	2.968	2.968	0.000	99	333103	20.0	26.6	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	98	171416	20.0	22.0	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	77878	20.0	18.0	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	286040	20.0	22.9	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	235420	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.437	0.000	97	26924	20.0	18.0	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	92	96382	20.0	19.3	
47 Ethyl acetate	70	3.471	3.471	0.000	94	22818	40.0	36.2	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	64067	100.0	87.8	
46 Methyl acrylate	55	3.529	3.529	0.000	99	88412	20.0	23.2	
48 Propionitrile	54	3.586	3.586	0.000	99	171578	200.0	245.4	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	38904	20.0	19.6	
50 Tetrahydrofuran	72	3.677	3.677	0.000	77	25940	40.0	38.5	
54 Methacrylonitrile	67	3.677	3.677	0.000	93	486273	200.0	222.6	
51 Chloroform	83	3.723	3.723	0.000	99	138044	20.0	20.2	
53 Cyclohexane	84	3.837	3.837	0.000	93	121449	20.0	16.9	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	97	98430	20.0	18.7	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	95073	50.0	46.4	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	71004	20.0	18.3	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	118526	20.0	19.6	
61 Isobutyl alcohol	43	4.111	4.111	0.000	92	156770	500.0	778.8	
64 Isooctane	57	4.146	4.146	0.000	98	225952	20.0	20.6	
59 Benzene	78	4.180	4.180	0.000	97	396954	20.0	22.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	90	106905	50.0	52.5	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	269041	20.0	20.4	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	73035	20.0	18.4	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	94	95332	20.0	21.2	
65 n-Heptane	57	4.317	4.317	0.000	94	49618	20.0	19.6	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	422102	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	91	48330	500.0	701.0	
69 Trichloroethene	95	4.809	4.809	0.000	97	81982	20.0	17.9	
72 Methylcyclohexane	83	4.923	4.923	0.000	75	121086	20.0	16.5	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	12339	20.0	18.2	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	100949	20.0	22.3	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	19000	1000.0	1000.0	
74 Methyl methacrylate	100	5.163	5.163	0.000	97	47083	40.0	35.0	
78 1,4-Dioxane	88	5.220	5.220	0.000	29	22614	400.0	528.8	
75 Dibromomethane	93	5.232	5.232	0.000	46	47919	20.0	18.8	
77 n-Propyl acetate	43	5.232	5.232	0.000	98	148223	20.0	24.8	
76 Dichlorobromomethane	83	5.392	5.392	0.000	98	100384	20.0	20.4	
34 2-Nitropropane	41	5.723	5.723	0.000	85	43746	40.0	63.9	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	96	63615	20.0	21.5	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	237839	400.0	387.4	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	90	155806	20.0	24.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.066	6.066	0.000	96	509206	100.0	110.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	498424	50.0	54.3	
83 Toluene	91	6.237	6.237	0.000	94	378573	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.637	6.637	0.000	97	126059	20.0	23.9	
86 Ethyl methacrylate	69	6.672	6.672	0.000	89	117811	20.0	25.0	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	98	70532	20.0	23.2	
88 Tetrachloroethene	166	6.912	6.912	0.000	96	63673	20.0	20.3	
89 1,3-Dichloropropane	76	7.095	7.095	0.000	93	143886	20.0	23.3	
91 2-Hexanone	43	7.175	7.175	0.000	97	319688	100.0	104.6	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	150953	20.0	29.2	
90 Chlorodibromomethane	129	7.357	7.357	0.000	98	65391	20.0	23.9	
93 Ethylene Dibromide	107	7.517	7.517	0.000	98	73077	20.0	21.8	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	273101	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	92	204883	20.0	20.1	
97 Ethylbenzene	106	8.215	8.215	0.000	98	114504	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	97	61208	20.0	22.6	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	139385	20.0	19.7	
100 o-Xylene	106	8.798	8.798	0.000	94	141769	20.0	20.7	
99 n-Butyl acrylate	73	8.809	8.809	0.000	98	64585	20.0	23.9	
101 Styrene	104	8.843	8.843	0.000	96	230694	20.0	21.4	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	173318	20.0	32.9	
103 Bromoform	173	9.061	9.061	0.000	57	38411	20.0	27.3	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	334889	20.0	20.2	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	100158	50.0	55.4	
107 Bromobenzene	156	9.495	9.495	0.000	95	70977	20.0	22.6	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	109826	20.0	24.2	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	427396	20.0	22.5	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	27525	20.0	23.8	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	87	28178	20.0	26.7	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	274984	20.0	22.3	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	330861	20.0	21.9	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	266919	20.0	21.6	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	265241	20.0	22.5	
117 Butyl Methacrylate	87	9.861	9.861	0.000	89	96004	20.0	23.2	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	212697	20.0	21.1	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	269816	20.0	22.0	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	325662	20.0	21.4	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	256564	20.0	22.0	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	71	133017	20.0	22.2	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	110762	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	136401	20.0	22.1	
123 1,2,3-Trimethylbenzene	105	10.443	10.443	0.000	99	272678	20.0	22.4	
125 Benzyl chloride	91	10.546	10.546	0.000	98	187045	20.0	25.7	a
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	273807	20.0	21.8	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	150208	20.0	21.8	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	138067	20.0	23.9	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	125247	20.0	22.1	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	98	158720	20.0	21.6	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	94	14950	20.0	21.1	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	97	71781	20.0	23.9	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	59702	20.0	23.5	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	92	22489	20.0	23.5	
134 Naphthalene	128	12.124	12.124	0.000	99	177257	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	58153	20.0	24.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.1	
S 137 Xylenes, Total	100				0		40.0	40.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	48.4	
S 139 Total BTEX	1				0		100.0	103.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00174	Amount Added:	20.00	Units: uL	
524FREONS_00005	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 18:54:06 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42032.D

Injection Date: 14-Aug-2023 08:21:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

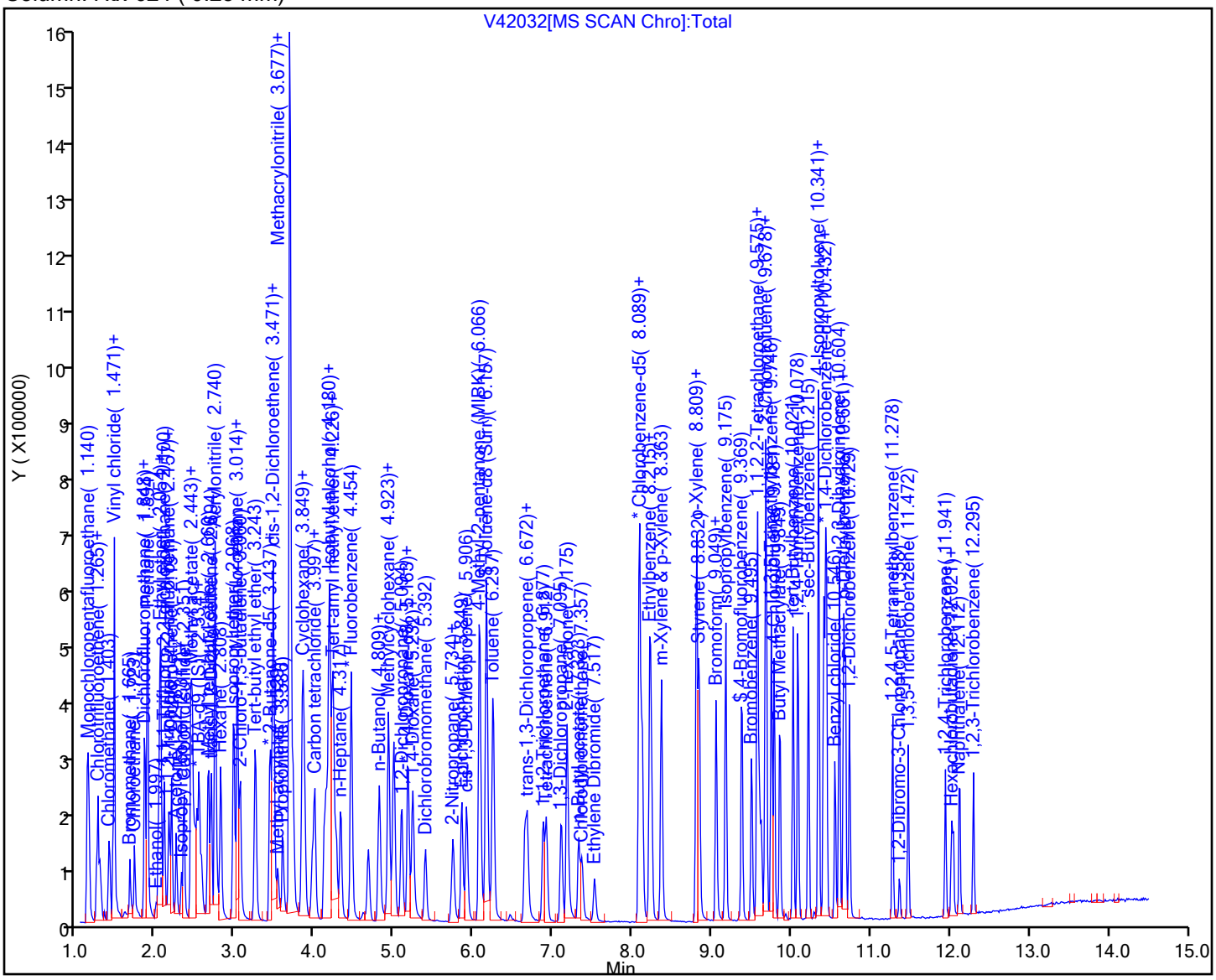
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

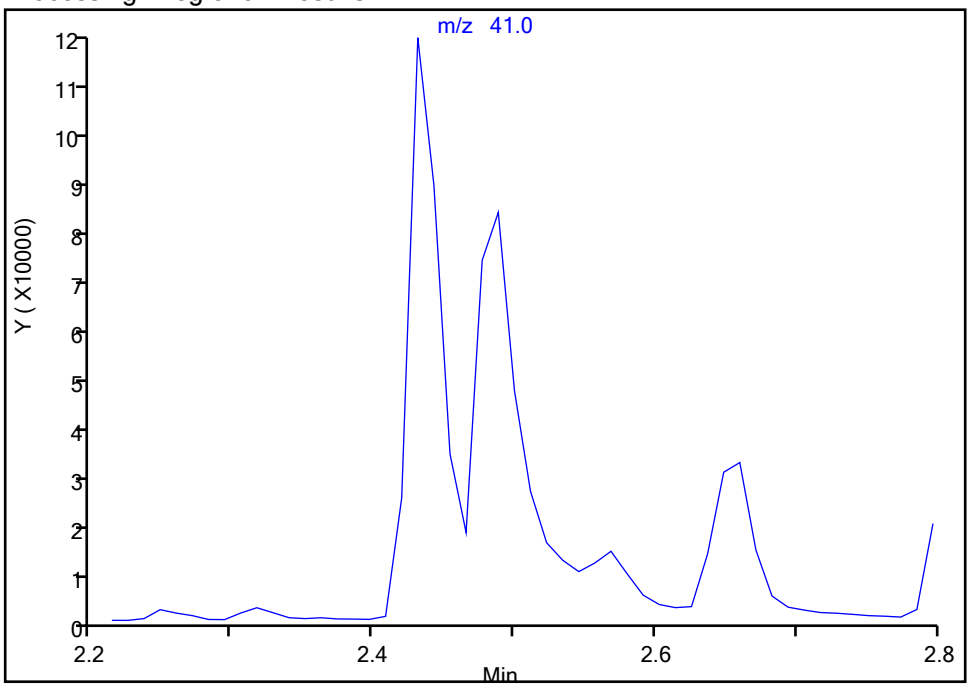
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42032.D
Injection Date: 14-Aug-2023 08:21:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

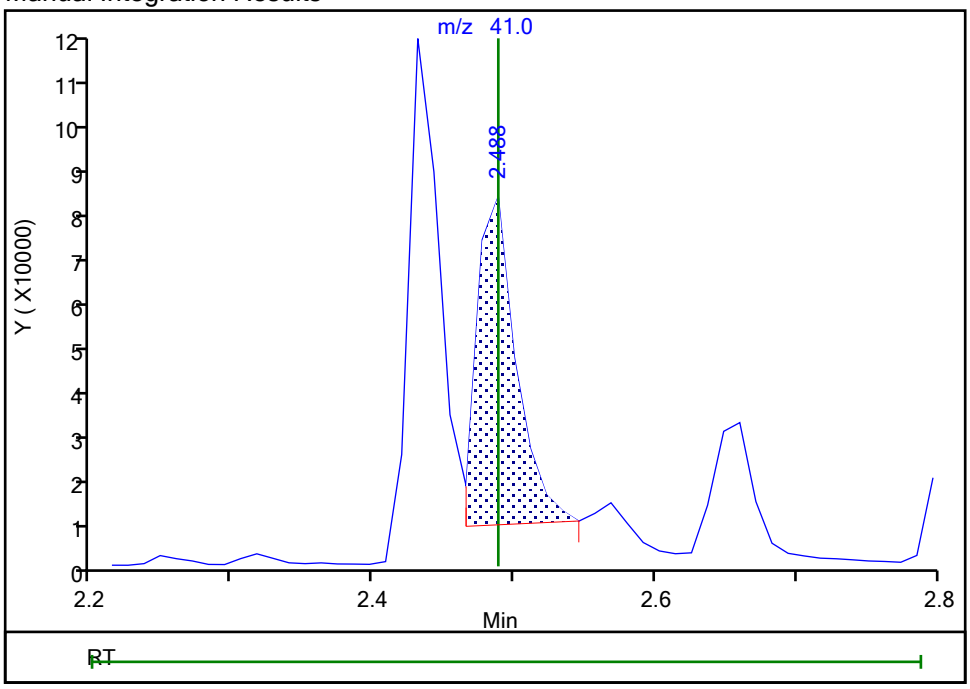
Not Detected
Expected RT: 2.49

Processing Integration Results



Manual Integration Results

RT: 2.49
Area: 136014
Amount: 242.6526
Amount Units: ug/l



Reviewer: FK2C, 14-Aug-2023 08:40:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

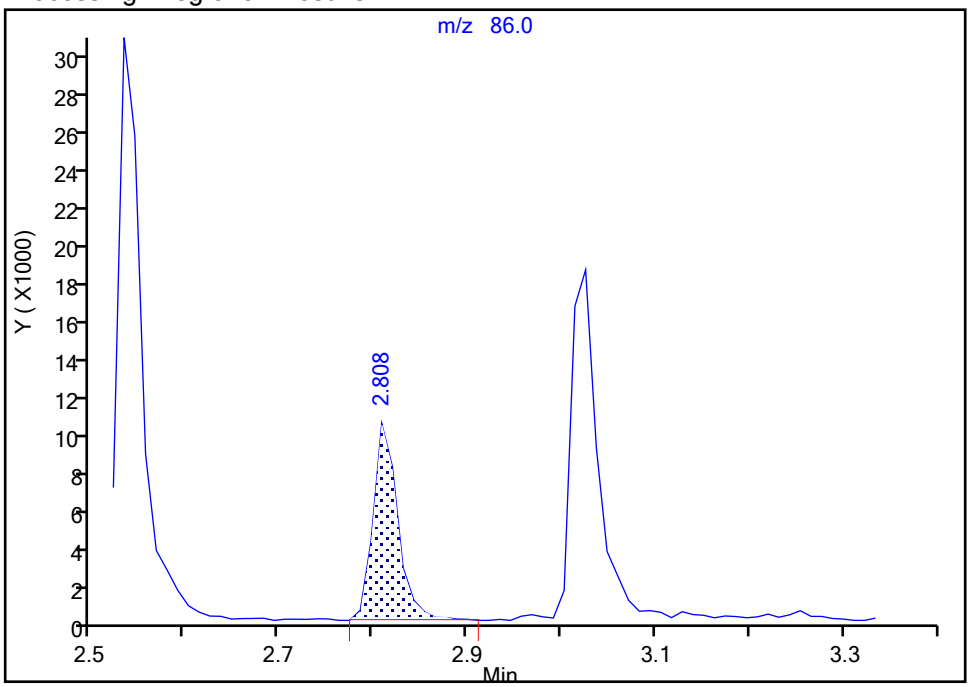
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42032.D
Injection Date: 14-Aug-2023 08:21:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

40 Vinyl acetate, CAS: 108-05-4

Signal: 1

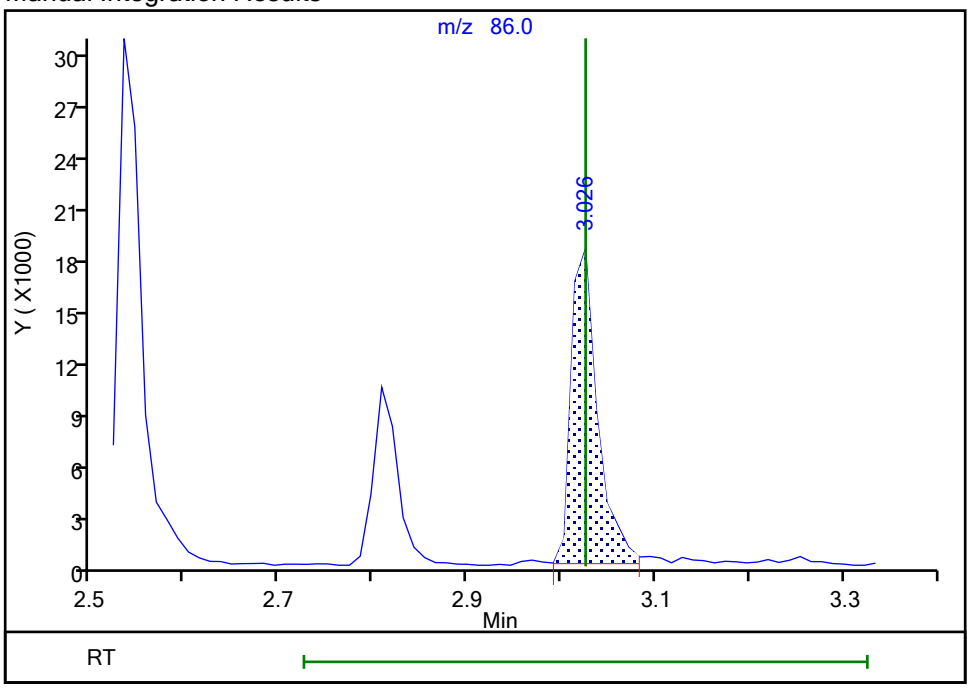
Processing Integration Results

RT: 2.81
Area: 18781
Amount: 18.203592
Amount Units: ug/l



Manual Integration Results

RT: 3.03
Area: 35209
Amount: 34.126526
Amount Units: ug/l



Reviewer: W9CM, 15-Aug-2023 18:53:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

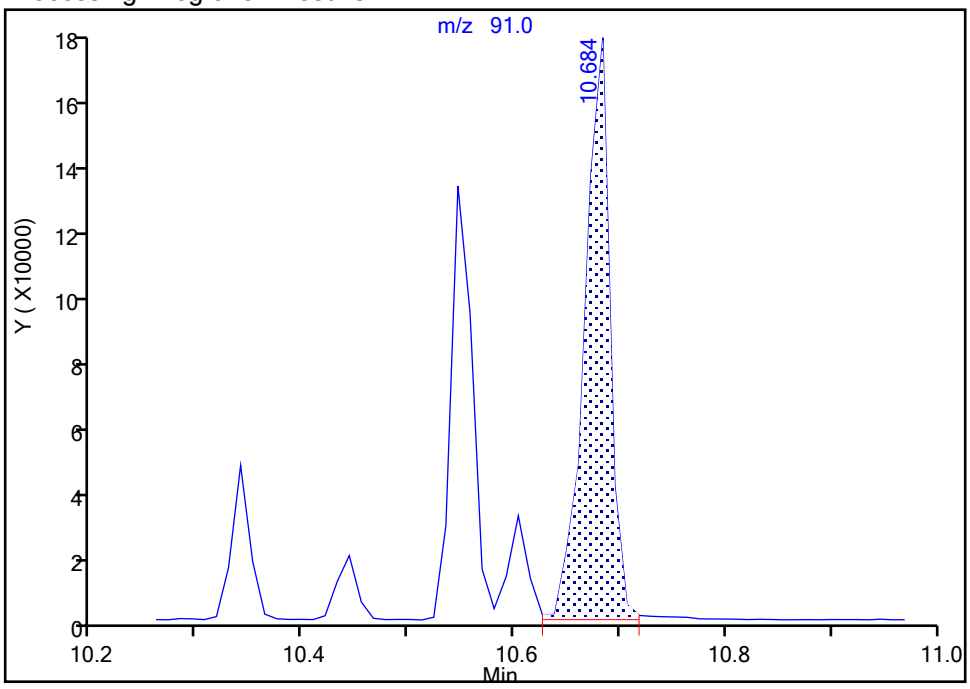
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42032.D
Injection Date: 14-Aug-2023 08:21:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

125 Benzyl chloride, CAS: 100-44-7

Signal: 1

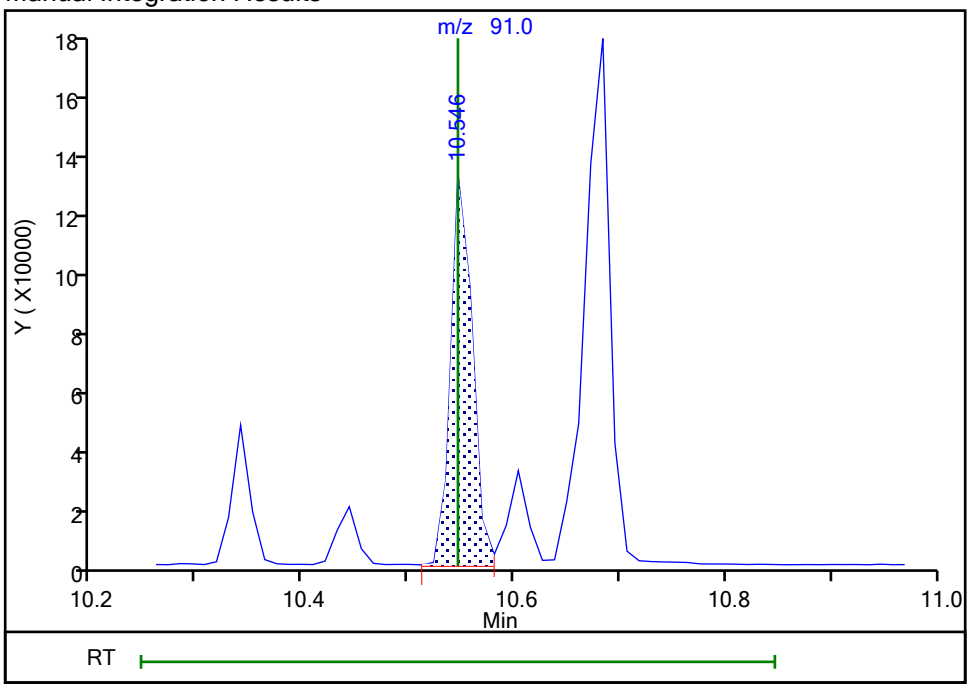
Processing Integration Results

RT: 10.68
Area: 294033
Amount: 40.359154
Amount Units: ug/l



Manual Integration Results

RT: 10.55
Area: 187045
Amount: 25.673914
Amount Units: ug/l



Reviewer: W9CM, 15-Aug-2023 18:34:17 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926520/2 Calibration Date: 08/14/2023 20:03

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42063.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0209		18.1	20.0	-9.6	20.0
Chlorotrifluoroethene	QuaF		0.0692		9.57	20.0	-52.1*	20.0
1,1-Difluoroethane	Ave	0.2580	0.2170		16.8	20.0	-15.9	20.0
Dichlorodifluoromethane	Ave	0.5642	0.5232	0.1000	18.5	20.0	-7.3	20.0
Chlorodifluoromethane	QuaF		0.0624		17.4	20.0	-13.2	20.0
Chloromethane	Ave	0.6178	0.7089	0.1000	22.9	20.0	14.7	20.0
Vinyl chloride	Ave	0.6875	0.7389	0.1000	21.5	20.0	7.5	20.0
Butadiene	Ave	0.6591	0.7343		22.3	20.0	11.4	20.0
Bromomethane	Ave	0.2327	0.2372	0.1000	20.4	20.0	1.9	50.0
Chloroethane	Ave	0.3755	0.4716	0.1000	25.1	20.0	25.6	50.0
Dichlorofluoromethane	Ave	0.7826	0.8843		22.6	20.0	13.0	20.0
Trichlorofluoromethane	Ave	0.6087	0.5872	0.1000	19.3	20.0	-3.5	20.0
Pentane	Ave	0.0911	0.0989		43.4	40.0	8.6	20.0
Ethanol	Ave	0.7794	1.097		1130	800	40.7	50.0
Ethyl ether	Ave	0.3329	0.3379		20.3	20.0	1.5	20.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.4798		21.8	20.0	8.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3493		17.9	20.0	-10.7	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.6761		17.8	20.0	-10.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.4179	0.1000	18.4	20.0	-8.1	20.0
Acrolein	Ave	0.0958	0.0898		37.5	40.0	-6.3	50.0
1,1-Dichloroethene	Ave	0.4748	0.4249	0.1000	17.9	20.0	-10.5	20.0
Acetone	Ave	1.529	1.300	0.0500	85.0	100	-15.0	50.0
Iodomethane	QuaF		0.2199		11.8	20.0	-41.2*	20.0
Isopropyl alcohol	Ave	8.111	10.69		264	200	31.9	50.0
Carbon disulfide	Ave	1.671	1.453	0.1000	17.4	20.0	-13.0	50.0
3-Chloro-1-propene	Ave	0.3775	0.3516		18.6	20.0	-6.9	20.0
Methyl acetate	Ave	0.3923	0.4682	0.1000	47.7	40.0	19.3	20.0
Cyclopentene	Ave	1.185	1.178		19.9	20.0	-0.6	20.0
Acetonitrile	Ave	0.5952	0.6448		217	200	8.3	20.0
Methylene Chloride	Ave	0.5484	0.5097	0.1000	18.6	20.0	-7.1	20.0
2-Methyl-2-propanol	QuaF		16.58		261	200	30.4	50.0
Methyl tert-butyl ether	Ave	1.482	1.455	0.1000	19.6	20.0	-1.8	20.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4871	0.1000	17.9	20.0	-10.6	20.0
Acrylonitrile	Ave	0.2209	0.2619		237	200	18.5	20.0
Hexane	Ave	0.6891	0.7240		21.0	20.0	5.1	20.0
Vinyl acetate	Ave	1.096	0.5013		18.3	40.0	-54.2*	20.0
Isopropyl ether	Ave	1.486	1.871		25.2	20.0	25.9*	20.0
1,1-Dichloroethane	Ave	0.9240	0.9637	0.2000	20.9	20.0	4.3	20.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4618		18.1	20.0	-9.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926520/2 Calibration Date: 08/14/2023 20:03

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42063.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.481	1.605		21.7	20.0	8.3	20.0
2,2-Dichloropropane	Ave	0.1774	0.1732		19.5	20.0	-2.3	20.0
cis-1,2-Dichloroethene	Ave	0.5919	0.5468	0.1000	18.5	20.0	-7.6	20.0
Methyl Ethyl Ketone	Ave	0.7747	0.6037	0.0500	77.9	100	-22.1	50.0
Ethyl acetate	Ave	0.6691	0.5124		30.6	40.0	-23.4*	20.0
Methyl acrylate	Ave	0.4508	0.4998		22.2	20.0	10.9	20.0
Propionitrile	Ave	0.0828	0.0981		237	200	18.5	20.0
Chlorobromomethane	Ave	0.2352	0.2251		19.1	20.0	-4.3	20.0
Tetrahydrofuran	Ave	0.0798	0.0844		42.3	40.0	5.7	20.0
Methacrylonitrile	Ave	0.2588	0.2790		216	200	7.8	20.0
Chloroform	Ave	0.8092	0.7759	0.2000	19.2	20.0	-4.1	20.0
1,1,1-Trichloroethane	Ave	0.6226	0.6083	0.1000	19.5	20.0	-2.3	20.0
Cyclohexane	Ave	0.8499	0.7746	0.1000	18.2	20.0	-8.9	50.0
Carbon tetrachloride	Ave	0.4605	0.4675	0.1000	20.3	20.0	1.5	20.0
1,1-Dichloropropene	Ave	0.7149	0.6817		19.1	20.0	-4.6	20.0
Isobutyl alcohol	Ave	8.075	12.15		752	500	50.5*	50.0
Isooctane	Ave	1.300	1.498		23.1	20.0	15.3	20.0
Benzene	Ave	3.218	3.287	0.5000	20.4	20.0	2.2	20.0
Isopropyl acetate	Ave	0.4690	0.4244		18.1	20.0	-9.5	20.0
Tert-amyl methyl ether	Ave	1.566	1.559		19.9	20.0	-0.4	20.0
1,2-Dichloroethane	Ave	0.5325	0.5575	0.1000	20.9	20.0	4.7	20.0
n-Heptane	Ave	0.2999	0.3094		20.6	20.0	3.2	20.0
n-Butanol	Ave	2.766	3.445		623	500	24.5	50.0
Trichloroethene	Ave	0.5422	0.4795	0.2000	17.7	20.0	-11.6	20.0
Methylcyclohexane	Ave	0.8719	0.8120	0.1000	18.6	20.0	-6.9	50.0
Ethyl acrylate	Ave	0.0805	0.0767		19.1	20.0	-4.7	20.0
1,2-Dichloropropane	Ave	0.5374	0.5898	0.1000	21.9	20.0	9.7	20.0
Methyl methacrylate	Ave	0.1593	0.1407		35.3	40.0	-11.7	20.0
1,4-Dioxane	Ave	2.251	2.659		473	400	18.1	50.0
Dibromomethane	Ave	0.3017	0.2769		18.4	20.0	-8.2	20.0
n-Propyl acetate	Ave	0.7093	0.9003		25.4	20.0	26.9*	20.0
Bromodichloromethane	Ave	0.5828	0.5927	0.2000	20.3	20.0	1.7	20.0
2-Nitropropane	Ave	0.0811	0.1301		64.2	40.0	60.5*	20.0
2-Chloroethyl vinyl ether	Ave	0.3504	0.3646		20.9	20.0	4.0	20.0
Epichlorohydrin	Ave	0.6519	0.5823		357	400	-10.7	20.0
cis-1,3-Dichloropropene	Ave	1.163	1.277	0.2000	22.0	20.0	9.8	50.0
methyl isobutyl ketone	Ave	4.909	4.897	0.0500	99.8	100	-0.2	50.0
Toluene	Ave	3.321	3.214	0.4000	19.4	20.0	-3.2	20.0
trans-1,3-Dichloropropene	Ave	0.9651	1.045	0.1000	21.7	20.0	8.3	50.0
Ethyl methacrylate	Ave	0.8620	0.9585		22.2	20.0	11.2	20.0
1,1,2-Trichloroethane	Ave	0.5559	0.6066	0.1000	21.8	20.0	9.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926520/2 Calibration Date: 08/14/2023 20:03

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42063.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.5780	0.2000	20.1	20.0	0.7	20.0
1,3-Dichloropropane	Ave	1.130	1.216		21.5	20.0	7.6	20.0
2-Hexanone	Ave	3.245	3.137	0.0500	96.7	100	-3.3	50.0
n-Butyl acetate	Ave	0.9451	1.270		26.9	20.0	34.4*	20.0
Dibromochloromethane	Ave	0.5009	0.5340	0.1000	21.3	20.0	6.6	50.0
Ethylene Dibromide	Ave	0.6138	0.6028	0.1000	19.6	20.0	-1.8	20.0
Chlorobenzene	Ave	1.863	1.801	0.5000	19.3	20.0	-3.3	20.0
Ethylbenzene	Ave	1.046	1.044	0.1000	20.0	20.0	-0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.5381		21.7	20.0	8.5	20.0
m-Xylene & p-Xylene	Ave	1.293	1.245	0.1000	19.3	20.0	-3.7	20.0
o-Xylene	Ave	1.254	1.213	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.4953	0.5465		22.1	20.0	10.3	20.0
Styrene	Ave	1.977	2.022	0.3000	20.5	20.0	2.3	20.0
Amyl acetate (mixed isomers)	Ave	2.377	3.474		29.2	20.0	46.2*	20.0
Bromoform	Ave	0.2578	0.3337	0.1000	25.9	20.0	29.4*	20.0
Isopropylbenzene	Ave	3.034	2.995	0.1000	19.7	20.0	-1.3	20.0
Bromobenzene	Ave	1.418	1.514		21.4	20.0	6.8	20.0
1,1,2,2-Tetrachloroethane	Ave	2.047	2.272	0.3000	22.2	20.0	11.0	20.0
N-Propylbenzene	Ave	8.568	8.812		20.6	20.0	2.9	20.0
1,2,3-Trichloropropane	Ave	0.5228	0.5441		20.8	20.0	4.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.5497		23.1	20.0	15.4	20.0
2-Chlorotoluene	Ave	5.560	5.787		20.8	20.0	4.1	20.0
4-Ethyltoluene	Ave	6.834	6.941		20.3	20.0	1.6	20.0
1,3,5-Trimethylbenzene	Ave	5.575	5.467		19.6	20.0	-1.9	20.0
4-Chlorotoluene	Ave	5.326	5.413		20.3	20.0	1.6	20.0
Butyl Methacrylate	Ave	1.871	1.883		20.1	20.0	0.6	20.0
tert-Butylbenzene	Ave	4.553	4.481		19.7	20.0	-1.6	20.0
1,2,4-Trimethylbenzene	Ave	5.541	5.623		20.3	20.0	1.5	20.0
sec-Butylbenzene	Ave	6.869	6.968		20.3	20.0	1.4	20.0
1,3-Dichlorobenzene	Ave	2.710	2.863	0.6000	21.1	20.0	5.7	20.0
4-Isopropyltoluene	Ave	5.265	5.437		20.7	20.0	3.3	20.0
1,4-Dichlorobenzene	Ave	2.792	2.918	0.5000	20.9	20.0	4.5	20.0
1,2,3-Trimethylbenzene	Ave	5.496	5.838		21.2	20.0	6.2	20.0
Benzyl chloride	Ave	3.289	3.955		24.1	20.0	20.3	50.0
Indan	Ave	5.680	5.612		19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	3.111	3.196		20.5	20.0	2.7	20.0
n-Butylbenzene	Ave	2.609	2.892		22.2	20.0	10.9	20.0
1,2-Dichlorobenzene	Ave	2.559	2.653	0.4000	20.7	20.0	3.7	20.0
1,2,4,5-Tetramethylbenzene	Qua2		3.460		20.8	20.0	4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.3334	0.0500	20.9	20.0	4.3	50.0
1,3,5-Trichlorobenzene	Ave	1.358	1.515		22.3	20.0	11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926520/2 Calibration Date: 08/14/2023 20:03

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42063.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.146	1.328	0.2000	23.2	20.0	15.9	20.0
Hexachlorobutadiene	Ave	0.4325	0.4550		21.0	20.0	5.2	20.0
Naphthalene	QuaF		3.455		16.3	20.0	-18.5	50.0
1,2,3-Trichlorobenzene	Ave	1.083	1.191		22.0	20.0	9.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2428	0.2377		49.0	50.0	-2.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2411	0.2677		55.5	50.0	11.0	20.0
Toluene-d8 (Surr)	Ave	1.680	1.763		52.5	50.0	5.0	20.0
4-Bromofluorobenzene	Ave	0.3310	0.3900		58.9	50.0	17.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42063.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 14-Aug-2023 20:03:30 ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0164661-002
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:39:18 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 14-Aug-2023 23:12:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	69	3162	20.0	18.1	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	90	10452	20.0	9.57	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	72	32787	20.0	16.8	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	79063	20.0	18.5	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	9426	20.0	17.4	
6 Chloromethane	50	1.414	1.414	0.000	99	107132	20.0	22.9	
7 Vinyl chloride	62	1.460	1.460	0.000	98	111664	20.0	21.5	
8 Butadiene	54	1.471	1.471	0.000	98	110962	20.0	22.3	
9 Bromomethane	94	1.677	1.677	0.000	99	35840	20.0	20.4	
10 Chloroethane	64	1.734	1.734	0.000	99	71274	20.0	25.1	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	133640	20.0	22.6	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	88732	20.0	19.3	
13 Pentane	72	1.894	1.894	0.000	96	29885	40.0	43.4	
17 Ethanol	46	1.997	1.997	0.000	99	21286	800.0	1125.9	
14 Ethyl ether	74	2.031	2.031	0.000	98	51063	20.0	20.3	
15 2-Methyl-1,3-butadiene	53	2.054	2.054	0.000	96	72513	20.0	21.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.066	0.000	96	52786	20.0	17.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	102168	20.0	17.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	63151	20.0	18.4	
52 Acrolein	56	2.168	2.168	0.000	93	27146	40.0	37.5	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	98	64212	20.0	17.9	
23 Acetone	43	2.260	2.260	0.000	90	118777	100.0	85.0	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	51881	200.0	263.7	
21 Iodomethane	142	2.317	2.317	0.000	93	33228	20.0	11.8	
22 Carbon disulfide	76	2.351	2.351	0.000	99	219602	20.0	17.4	
30 Methyl acetate	43	2.443	2.443	0.000	99	141525	40.0	47.7	
26 3-Chloro-1-propene	76	2.443	2.443	0.000	93	53141	20.0	18.6	
25 Cyclopentene	67	2.466	2.466	0.000	97	178012	20.0	19.9	
27 Acetonitrile	41	2.488	2.488	0.000	95	117862	200.0	216.6	a
* 28 TBA-d9 (IS)	66	2.523	2.523	0.000	100	24256	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.546	2.546	0.000	97	77028	20.0	18.6	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	80432	200.0	260.9	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	99	219939	20.0	19.6	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	94	73607	20.0	17.9	
35 Acrylonitrile	53	2.740	2.740	0.000	97	395803	200.0	237.1	
40 Vinyl acetate	86	2.820	2.820	0.000	68	18327	40.0	18.3	
36 Hexane	57	2.820	2.820	0.000	95	109411	20.0	21.0	
37 Isopropyl ether	45	2.980	2.980	0.000	98	282766	20.0	25.2	
38 1,1-Dichloroethane	63	3.026	3.026	0.000	60	145639	20.0	20.9	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	89	69790	20.0	18.1	
41 Tert-butyl ethyl ether	59	3.254	3.254	0.000	90	242530	20.0	21.7	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	228496	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.449	0.000	97	26179	20.0	19.5	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	95	82638	20.0	18.5	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	55180	100.0	77.9	
47 Ethyl acetate	70	3.483	3.483	0.000	95	18732	40.0	30.6	
46 Methyl acrylate	55	3.529	3.529	0.000	99	75528	20.0	22.2	
48 Propionitrile	54	3.597	3.597	0.000	100	148230	200.0	236.9	
49 Chlorobromomethane	128	3.677	3.677	0.000	98	34017	20.0	19.1	
50 Tetrahydrofuran	72	3.677	3.677	0.000	76	25504	40.0	42.3	
54 Methacrylonitrile	67	3.689	3.689	0.000	93	421698	200.0	215.7	
51 Chloroform	83	3.723	3.723	0.000	98	117261	20.0	19.2	
53 Cyclohexane	84	3.849	3.849	0.000	94	117053	20.0	18.2	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	99	91925	20.0	19.5	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	95	89819	50.0	49.0	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	70651	20.0	20.3	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	96	103023	20.0	19.1	
61 Isobutyl alcohol	43	4.123	4.123	0.000	90	147363	500.0	752.3	
64 Isooctane	57	4.146	4.146	0.000	98	226442	20.0	23.1	
59 Benzene	78	4.180	4.180	0.000	96	341002	20.0	20.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.203	0.000	93	101134	50.0	55.5	
66 Isopropyl acetate	87	4.226	4.226	0.000	95	64141	20.0	18.1	
62 Tert-amyl methyl ether	73	4.237	4.237	0.000	94	235662	20.0	19.9	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	94	84244	20.0	20.9	
65 n-Heptane	57	4.329	4.329	0.000	93	46751	20.0	20.6	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	377807	50.0	50.0	
70 n-Butanol	56	4.797	4.797	0.000	84	41776	500.0	622.7	
69 Trichloroethene	95	4.809	4.809	0.000	98	72457	20.0	17.7	
72 Methylcyclohexane	83	4.923	4.923	0.000	79	122709	20.0	18.6	
71 Ethyl acrylate	99	4.934	4.934	0.000	95	11584	20.0	19.1	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	89126	20.0	21.9	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	53	19355	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	93	42512	40.0	35.3	
78 1,4-Dioxane	88	5.220	5.220	0.000	85	20585	400.0	472.5	
75 Dibromomethane	93	5.232	5.232	0.000	94	41851	20.0	18.4	
77 n-Propyl acetate	43	5.232	5.232	0.000	98	136056	20.0	25.4	
76 Dichlorobromomethane	83	5.392	5.392	0.000	98	89563	20.0	20.3	
34 2-Nitropropane	41	5.723	5.723	0.000	98	39337	40.0	64.2	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	96	55235	20.0	20.9	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	212871	400.0	357.3	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	91	132518	20.0	22.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	97	447596	100.0	99.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	457312	50.0	52.5	
83 Toluene	91	6.249	6.249	0.000	94	333376	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	98	108451	20.0	21.7	
86 Ethyl methacrylate	69	6.672	6.672	0.000	91	99434	20.0	22.2	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	62930	20.0	21.8	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	59961	20.0	20.1	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	95	126180	20.0	21.5	
91 2-Hexanone	43	7.175	7.175	0.000	99	286694	100.0	96.7	
92 n-Butyl acetate	43	7.323	7.323	0.000	98	131720	20.0	26.9	
90 Chlorodibromomethane	129	7.357	7.357	0.000	99	55402	20.0	21.3	
93 Ethylene Dibromide	107	7.518	7.518	0.000	99	62534	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	259350	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	186790	20.0	19.3	
97 Ethylbenzene	106	8.215	8.215	0.000	98	108345	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	97	55820	20.0	21.7	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	129172	20.0	19.3	
100 o-Xylene	106	8.798	8.798	0.000	94	125816	20.0	19.3	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	56699	20.0	22.1	
101 Styrene	104	8.843	8.843	0.000	97	209801	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	151470	20.0	29.2	
103 Bromoform	173	9.049	9.049	0.000	52	34616	20.0	25.9	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	310662	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	101148	50.0	58.9	
107 Bromobenzene	156	9.495	9.495	0.000	94	66009	20.0	21.4	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	99070	20.0	22.2	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	384253	20.0	20.6	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	23724	20.0	20.8	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	87	23970	20.0	23.1	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	252341	20.0	20.8	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	302643	20.0	20.3	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	238399	20.0	19.6	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	236048	20.0	20.3	
117 Butyl Methacrylate	87	9.861	9.861	0.000	91	82088	20.0	20.1	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	195411	20.0	19.7	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	245205	20.0	20.3	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	303820	20.0	20.3	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	237099	20.0	20.7	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	70	124859	20.0	21.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	109012	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	127224	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	99	254565	20.0	21.2	
125 Benzyl chloride	91	10.546	10.546	0.000	98	172463	20.0	24.1	a
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	244705	20.0	19.8	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	139371	20.0	20.5	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	126098	20.0	22.2	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	94	115667	20.0	20.7	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	150879	20.0	20.8	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	96	14538	20.0	20.9	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	66058	20.0	22.3	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	57922	20.0	23.2	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	19842	20.0	21.0	
134 Naphthalene	128	12.124	12.124	0.000	99	150652	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	51912	20.0	22.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 137 Xylenes, Total	100				0		40.0	38.6	
S 138 1,3-Dichloropropene, Total	1				0		40.0	43.6	
S 139 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 09:39:19 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42063.D

Injection Date: 14-Aug-2023 20:03:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

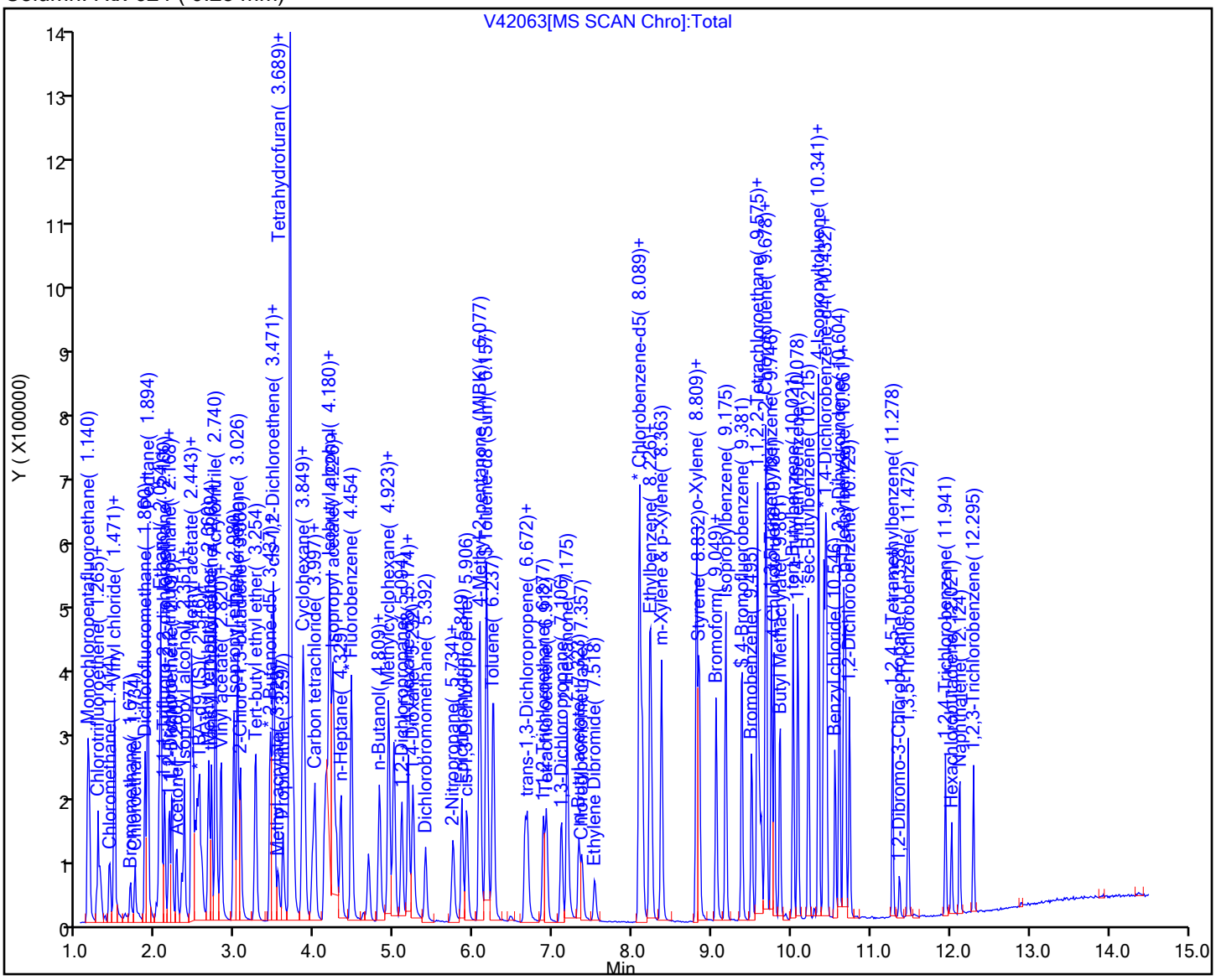
Client ID:

Operator ID: ALS Bottle#: 51 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

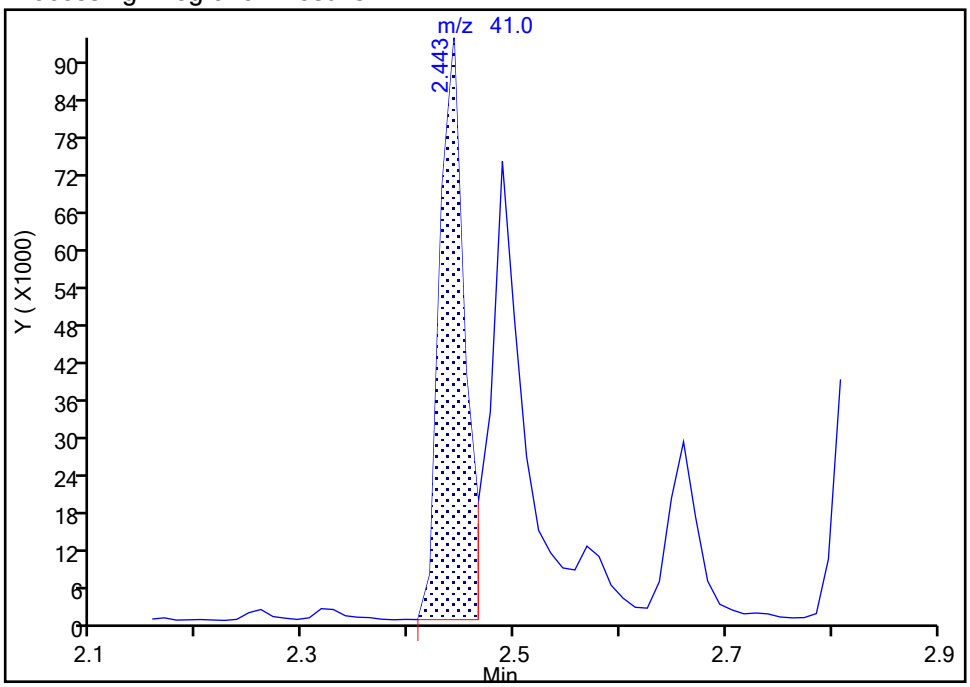
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42063.D
Injection Date: 14-Aug-2023 20:03:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

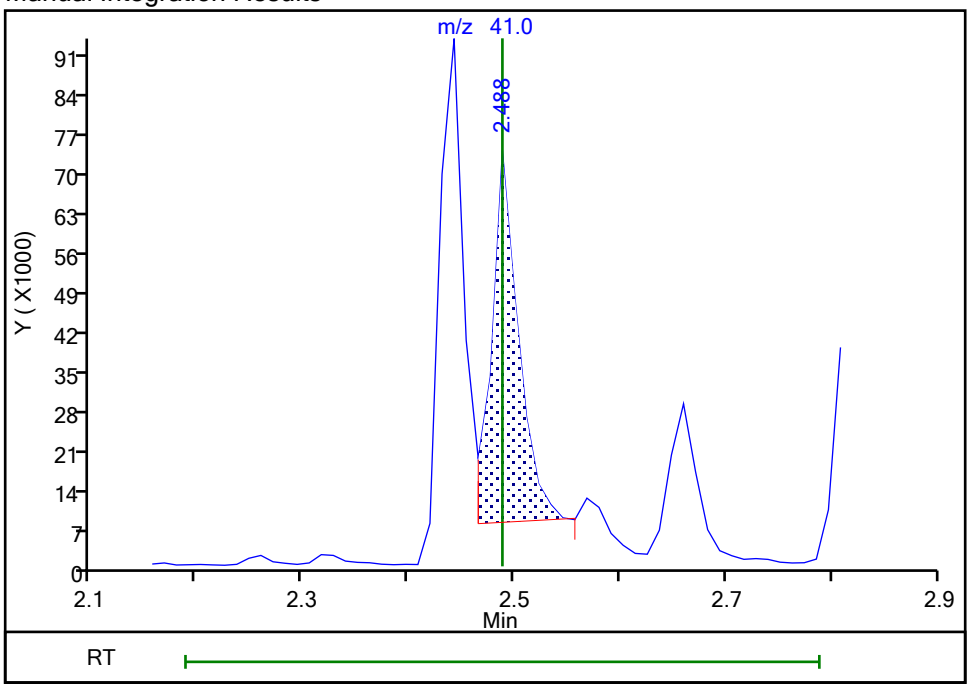
Processing Integration Results

RT: 2.44
Area: 156577
Amount: 287.8022
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 117862
Amount: 216.6406
Amount Units: ug/l



Reviewer: HVW2, 14-Aug-2023 20:35:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

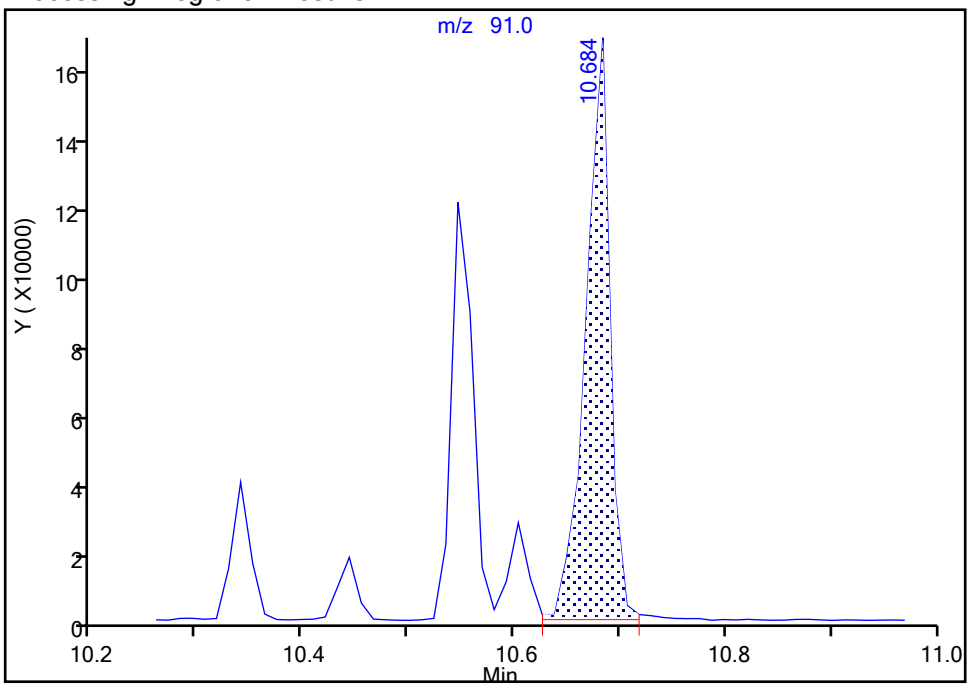
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42063.D
Injection Date: 14-Aug-2023 20:03:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

125 Benzyl chloride, CAS: 100-44-7

Signal: 1

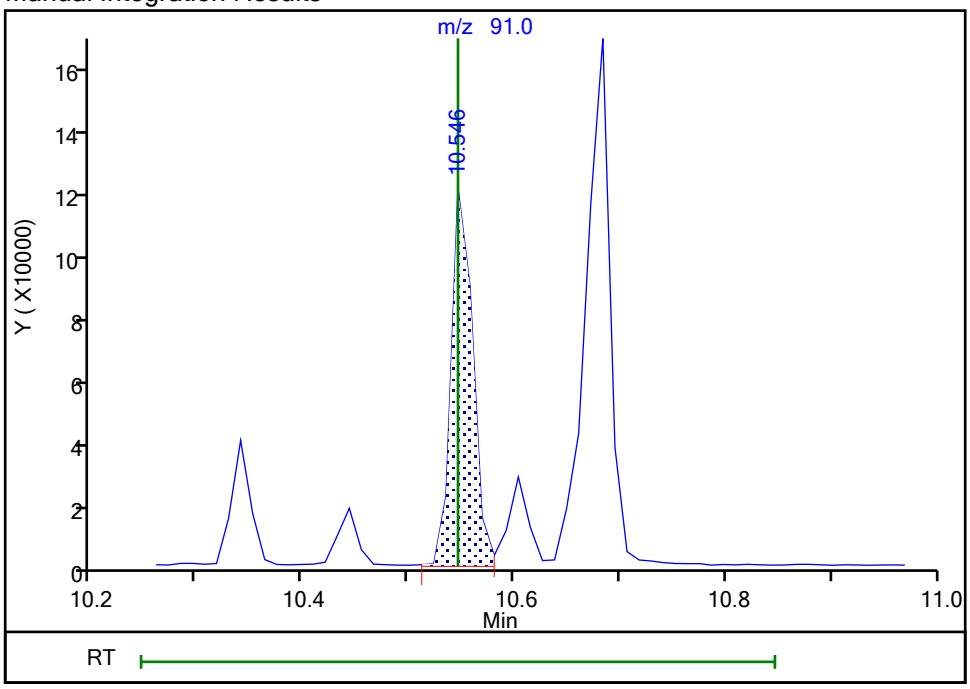
Processing Integration Results

RT: 10.68
Area: 268890
Amount: 37.500504
Amount Units: ug/l



Manual Integration Results

RT: 10.55
Area: 172463
Amount: 24.052399
Amount Units: ug/l



Reviewer: HVW2, 14-Aug-2023 20:36:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0132		11.4	20.0	-42.9*	20.0
Chlorotrifluoroethene	QuaF		0.0567		7.85	20.0	-60.7*	20.0
1,1-Difluoroethane	Ave	0.2580	0.2012		15.6	20.0	-22.0*	20.0
Dichlorodifluoromethane	Ave	0.5642	0.4448	0.1000	15.8	20.0	-21.2*	20.0
Chlorodifluoromethane	QuaF		0.0616		17.1	20.0	-14.3	20.0
Chloromethane	Ave	0.6178	0.6278	0.1000	20.3	20.0	1.6	20.0
Vinyl chloride	Ave	0.6875	0.6216	0.1000	18.1	20.0	-9.6	20.0
Butadiene	Ave	0.6591	0.6710		20.4	20.0	1.8	20.0
Bromomethane	Ave	0.2327	0.2107	0.1000	18.1	20.0	-9.5	50.0
Chloroethane	Ave	0.3755	0.4513	0.1000	24.0	20.0	20.2	50.0
Dichlorofluoromethane	Ave	0.7826	0.8155		20.8	20.0	4.2	20.0
Trichlorofluoromethane	Ave	0.6087	0.5229	0.1000	17.2	20.0	-14.1	20.0
Pentane	Ave	0.0911	0.0816		35.8	40.0	-10.4	20.0
Ethanol	Ave	0.7794	0.8896		913	800	14.1	50.0
Ethyl ether	Ave	0.3329	0.3002		18.0	20.0	-9.8	20.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.4347		19.7	20.0	-1.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3187		16.3	20.0	-18.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.6469		17.0	20.0	-14.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.3919	0.1000	17.2	20.0	-13.9	20.0
Acrolein	Ave	0.0958	0.0797		33.3	40.0	-16.8	50.0
1,1-Dichloroethene	Ave	0.4748	0.3834	0.1000	16.1	20.0	-19.3	20.0
Acetone	Ave	1.529	1.133	0.0500	74.1	100	-25.9	50.0
Iodomethane	QuaF		0.2000		10.7	20.0	-46.6*	20.0
Isopropyl alcohol	Ave	8.111	9.573		236	200	18.0	50.0
Carbon disulfide	Ave	1.671	1.193	0.1000	14.3	20.0	-28.6	50.0
3-Chloro-1-propene	Ave	0.3775	0.2929		15.5	20.0	-22.4*	20.0
Methyl acetate	Ave	0.3923	0.4281	0.1000	43.6	40.0	9.1	20.0
Cyclopentene	Ave	1.185	1.034		17.5	20.0	-12.7	20.0
Acetonitrile	Ave	0.5952	0.5438		183	200	-8.6	20.0
Methylene Chloride	Ave	0.5484	0.4514	0.1000	16.5	20.0	-17.7	20.0
2-Methyl-2-propanol	QuaF		13.38		210	200	5.1	50.0
Methyl tert-butyl ether	Ave	1.482	1.363	0.1000	18.4	20.0	-8.1	20.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4324	0.1000	15.9	20.0	-20.6*	20.0
Acrylonitrile	Ave	0.2209	0.2356		213	200	6.7	20.0
Hexane	Ave	0.6891	0.6328		18.4	20.0	-8.2	20.0
Isopropyl ether	Ave	1.486	1.717		23.1	20.0	15.5	20.0
1,1-Dichloroethane	Ave	0.9240	0.8884	0.2000	19.2	20.0	-3.9	20.0
Vinyl acetate	Ave	1.096	0.7104		25.9	40.0	-35.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4094		16.0	20.0	-19.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.481	1.462		19.7	20.0	-1.3	20.0
2,2-Dichloropropane	Ave	0.1774	0.1567		17.7	20.0	-11.7	20.0
cis-1,2-Dichloroethene	Ave	0.5919	0.4896	0.1000	16.5	20.0	-17.3	20.0
Ethyl acetate	Ave	0.6691	0.4333		25.9	40.0	-35.2*	20.0
Methyl Ethyl Ketone	Ave	0.7747	0.4861	0.0500	62.8	100	-37.2	50.0
Methyl acrylate	Ave	0.4508	0.4714		20.9	20.0	4.6	20.0
Propionitrile	Ave	0.0828	0.0896		217	200	8.3	20.0
Chlorobromomethane	Ave	0.2352	0.1889		16.1	20.0	-19.7	20.0
Methacrylonitrile	Ave	0.2588	0.2477		191	200	-4.3	20.0
Tetrahydrofuran	Ave	0.0798	0.0738		37.0	40.0	-7.5	20.0
Chloroform	Ave	0.8092	0.7133	0.2000	17.6	20.0	-11.9	20.0
Cyclohexane	Ave	0.8499	0.6899	0.1000	16.2	20.0	-18.8	50.0
1,1,1-Trichloroethane	Ave	0.6226	0.5643	0.1000	18.1	20.0	-9.4	20.0
Carbon tetrachloride	Ave	0.4605	0.4045	0.1000	17.6	20.0	-12.2	20.0
1,1-Dichloropropene	Ave	0.7149	0.6217		17.4	20.0	-13.0	20.0
Isobutyl alcohol	Ave	8.075	10.19		631	500	26.2	50.0
Isooctane	Ave	1.300	1.356		20.9	20.0	4.3	20.0
Benzene	Ave	3.218	2.931	0.5000	18.2	20.0	-8.9	20.0
Isopropyl acetate	Ave	0.4690	0.3912		16.7	20.0	-16.6	20.0
Tert-amyl methyl ether	Ave	1.566	1.416		18.1	20.0	-9.6	20.0
1,2-Dichloroethane	Ave	0.5325	0.5100	0.1000	19.2	20.0	-4.2	20.0
n-Heptane	Ave	0.2999	0.2629		17.5	20.0	-12.3	20.0
n-Butanol	Ave	2.766	2.923		528	500	5.7	50.0
Trichloroethene	Ave	0.5422	0.4249	0.2000	15.7	20.0	-21.6*	20.0
Ethyl acrylate	Ave	0.0805	0.0697		17.3	20.0	-13.4	20.0
Methylcyclohexane	Ave	0.8719	0.7292	0.1000	16.7	20.0	-16.4	50.0
1,2-Dichloropropane	Ave	0.5374	0.5386	0.1000	20.0	20.0	0.2	20.0
Methyl methacrylate	Ave	0.1593	0.1241		31.2	40.0	-22.1*	20.0
1,4-Dioxane	Ave	2.251	2.119		377	400	-5.9	50.0
Dibromomethane	Ave	0.3017	0.2459		16.3	20.0	-18.5	20.0
n-Propyl acetate	Ave	0.7093	0.7937		22.4	20.0	11.9	20.0
Bromodichloromethane	Ave	0.5828	0.5329	0.2000	18.3	20.0	-8.6	20.0
2-Nitropropane	Ave	0.0811	0.1200		59.2	40.0	48.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.3504	0.3121		17.9	20.0	-10.9	20.0
Epichlorohydrin	Ave	0.6519	0.4715		289	400	-27.7*	20.0
cis-1,3-Dichloropropene	Ave	1.163	1.155	0.2000	19.9	20.0	-0.7	50.0
methyl isobutyl ketone	Ave	4.909	4.183	0.0500	85.2	100	-14.8	50.0
Toluene	Ave	3.321	2.942	0.4000	17.7	20.0	-11.4	20.0
trans-1,3-Dichloropropene	Ave	0.9651	0.9570	0.1000	19.8	20.0	-0.8	50.0
Ethyl methacrylate	Ave	0.8620	0.8816		20.5	20.0	2.3	20.0
1,1,2-Trichloroethane	Ave	0.5559	0.5383	0.1000	19.4	20.0	-3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.5082	0.2000	17.7	20.0	-11.4	20.0
1,3-Dichloropropane	Ave	1.130	1.114		19.7	20.0	-1.4	20.0
2-Hexanone	Ave	3.245	2.701	0.0500	83.2	100	-16.8	50.0
n-Butyl acetate	Ave	0.9451	1.237		26.2	20.0	30.9*	20.0
Dibromochloromethane	Ave	0.5009	0.5083	0.1000	20.3	20.0	1.5	50.0
Ethylene Dibromide	Ave	0.6138	0.5611	0.1000	18.3	20.0	-8.6	20.0
Chlorobenzene	Ave	1.863	1.638	0.5000	17.6	20.0	-12.0	20.0
Ethylbenzene	Ave	1.046	0.9388	0.1000	17.9	20.0	-10.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.5005		20.2	20.0	0.9	20.0
m-Xylene & p-Xylene	Ave	1.293	1.164	0.1000	18.0	20.0	-9.9	20.0
o-Xylene	Ave	1.254	1.121	0.3000	17.9	20.0	-10.6	20.0
n-Butyl acrylate	Ave	0.4953	0.5062		20.4	20.0	2.2	20.0
Styrene	Ave	1.977	1.848	0.3000	18.7	20.0	-6.5	20.0
Amyl acetate (mixed isomers)	Ave	2.377	3.433		28.9	20.0	44.4*	20.0
Bromoform	Ave	0.2578	0.3009	0.1000	23.3	20.0	16.7	20.0
Isopropylbenzene	Ave	3.034	2.799	0.1000	18.5	20.0	-7.7	20.0
Bromobenzene	Ave	1.418	1.429		20.1	20.0	0.7	20.0
1,1,2,2-Tetrachloroethane	Ave	2.047	2.154	0.3000	21.0	20.0	5.2	20.0
N-Propylbenzene	Ave	8.568	8.682		20.3	20.0	1.3	20.0
1,2,3-Trichloropropane	Ave	0.5228	0.5311		20.3	20.0	1.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.5211		21.9	20.0	9.4	20.0
2-Chlorotoluene	Ave	5.560	5.564		20.0	20.0	0.0	20.0
4-Ethyltoluene	Ave	6.834	6.772		19.8	20.0	-0.9	20.0
1,3,5-Trimethylbenzene	Ave	5.575	5.337		19.1	20.0	-4.3	20.0
4-Chlorotoluene	Ave	5.326	5.230		19.6	20.0	-1.8	20.0
Butyl Methacrylate	Ave	1.871	1.869		20.0	20.0	-0.1	20.0
tert-Butylbenzene	Ave	4.553	4.315		19.0	20.0	-5.2	20.0
1,2,4-Trimethylbenzene	Ave	5.541	5.267		19.0	20.0	-4.9	20.0
sec-Butylbenzene	Ave	6.869	6.898		20.1	20.0	0.4	20.0
1,3-Dichlorobenzene	Ave	2.710	2.759	0.6000	20.4	20.0	1.8	20.0
4-Isopropyltoluene	Ave	5.265	5.310		20.2	20.0	0.9	20.0
1,4-Dichlorobenzene	Ave	2.792	2.800	0.5000	20.1	20.0	0.3	20.0
1,2,3-Trimethylbenzene	Ave	5.496	5.519		20.1	20.0	0.4	20.0
Benzyl chloride	Ave	3.289	3.768		22.9	20.0	14.6	50.0
Indan	Ave	5.680	5.426		19.1	20.0	-4.5	20.0
p-Diethylbenzene	Ave	3.111	3.058		19.7	20.0	-1.7	20.0
n-Butylbenzene	Ave	2.609	2.796		21.4	20.0	7.2	20.0
1,2-Dichlorobenzene	Ave	2.559	2.619	0.4000	20.5	20.0	2.4	20.0
1,2,4,5-Tetramethylbenzene	Qua2		3.232		19.5	20.0	-2.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.3219	0.0500	20.1	20.0	0.7	50.0
1,3,5-Trichlorobenzene	Ave	1.358	1.443		21.3	20.0	6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.146	1.236	0.2000	21.6	20.0	7.8	20.0
Hexachlorobutadiene	Ave	0.4325	0.4529		20.9	20.0	4.7	20.0
Naphthalene	QuaF		3.482		16.4	20.0	-17.9	50.0
1,2,3-Trichlorobenzene	Ave	1.083	1.165		21.5	20.0	7.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2428	0.2049		42.2	50.0	-15.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2411	0.2317		48.0	50.0	-3.9	20.0
Toluene-d8 (Surr)	Ave	1.680	1.588		47.3	50.0	-5.4	20.0
4-Bromofluorobenzene	Ave	0.3310	0.3476		52.5	50.0	5.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42132.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 15-Aug-2023 20:39:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164717-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 23:11:04 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: HVW2 Date: 15-Aug-2023 23:11:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.197	1.197	0.000	69	2550	20.0	11.4	a
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	92	10944	20.0	7.85	
4 1,1-Difluoroethane	65	1.254	1.254	0.000	83	38821	20.0	15.6	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	85814	20.0	15.8	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	11875	20.0	17.1	
6 Chloromethane	50	1.403	1.403	0.000	98	121116	20.0	20.3	
7 Vinyl chloride	62	1.448	1.448	0.000	97	119907	20.0	18.1	
8 Butadiene	54	1.471	1.471	0.000	96	129443	20.0	20.4	
9 Bromomethane	94	1.665	1.665	0.000	99	40638	20.0	18.1	
10 Chloroethane	64	1.723	1.723	0.000	98	87069	20.0	24.0	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	157325	20.0	20.8	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	98	100879	20.0	17.2	
13 Pentane	72	1.883	1.883	0.000	97	31485	40.0	35.8	
17 Ethanol	46	1.997	1.997	0.000	99	23906	800.0	913.1	
14 Ethyl ether	74	2.031	2.031	0.000	95	57920	20.0	18.0	
15 2-Methyl-1,3-butadiene	53	2.043	2.043	0.000	96	83852	20.0	19.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	97	61472	20.0	16.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	124797	20.0	17.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	92	75601	20.0	17.2	
52 Acrolein	56	2.168	2.168	0.000	96	30740	40.0	33.3	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	98	73954	20.0	16.1	
23 Acetone	43	2.248	2.248	0.000	87	143602	100.0	74.1	
24 Isopropyl alcohol	45	2.317	2.317	0.000	99	64313	200.0	236.1	
21 Iodomethane	142	2.317	2.317	0.000	96	38575	20.0	10.7	
22 Carbon disulfide	76	2.351	2.351	0.000	98	230231	20.0	14.3	
30 Methyl acetate	43	2.431	2.431	0.000	99	165152	40.0	43.6	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	94	56498	20.0	15.5	
25 Cyclopentene	67	2.454	2.454	0.000	95	199435	20.0	17.5	
27 Acetonitrile	41	2.477	2.477	0.000	96	137813	200.0	182.7	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	33592	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.534	2.534	0.000	97	87079	20.0	16.5	
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	100	89898	200.0	210.3	
32 Methyl tert-butyl ether	73	2.648	2.648	0.000	99	262894	20.0	18.4	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	95	83408	20.0	15.9	M
35 Acrylonitrile	53	2.740	2.740	0.000	96	454552	200.0	213.3	
36 Hexane	57	2.808	2.808	0.000	95	122064	20.0	18.4	
37 Isopropyl ether	45	2.968	2.968	0.000	98	331264	20.0	23.1	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	98	171381	20.0	19.2	
40 Vinyl acetate	86	3.014	3.014	0.000	100	36002	40.0	25.9	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	78971	20.0	16.0	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	282033	20.0	19.7	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	316755	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.437	0.000	97	30221	20.0	17.7	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	88	94451	20.0	16.5	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	61595	100.0	62.8	
47 Ethyl acetate	70	3.471	3.471	0.000	92	21959	40.0	25.9	
46 Methyl acrylate	55	3.528	3.528	0.000	99	90940	20.0	20.9	
48 Propionitrile	54	3.586	3.586	0.000	100	172933	200.0	216.5	
50 Tetrahydrofuran	72	3.677	3.677	0.000	93	28492	40.0	37.0	
54 Methacrylonitrile	67	3.677	3.677	0.000	93	477882	200.0	191.5	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	36444	20.0	16.1	
51 Chloroform	83	3.723	3.723	0.000	99	137596	20.0	17.6	
53 Cyclohexane	84	3.837	3.837	0.000	94	133080	20.0	16.2	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	98	108855	20.0	18.1	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	98841	50.0	42.2	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	78030	20.0	17.6	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	96	119928	20.0	17.4	
61 Isobutyl alcohol	43	4.111	4.111	0.000	93	171193	500.0	631.1	
64 Isooctane	57	4.146	4.146	0.000	99	261641	20.0	20.9	
59 Benzene	78	4.180	4.180	0.000	97	382462	20.0	18.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	91	111752	50.0	48.0	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	75460	20.0	16.7	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	273112	20.0	18.1	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	95	98392	20.0	19.2	
65 n-Heptane	57	4.317	4.317	0.000	95	50720	20.0	17.5	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	482271	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	90	49092	500.0	528.4	
69 Trichloroethene	95	4.809	4.809	0.000	98	81967	20.0	15.7	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	13446	20.0	17.3	
72 Methylcyclohexane	83	4.923	4.923	0.000	79	140676	20.0	16.7	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	93	103892	20.0	20.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	27406	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	93	47889	40.0	31.2	
78 1,4-Dioxane	88	5.220	5.220	0.000	28	23230	400.0	376.6	
75 Dibromomethane	93	5.232	5.232	0.000	47	47428	20.0	16.3	
77 n-Propyl acetate	43	5.232	5.232	0.000	98	153113	20.0	22.4	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	102810	20.0	18.3	
34 2-Nitropropane	41	5.723	5.723	0.000	89	46317	40.0	59.2	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	96	60349	20.0	17.9	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	238953	400.0	289.3	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	91	150661	20.0	19.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.066	6.066	0.000	97	529955	100.0	85.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	518125	50.0	47.3	
83 Toluene	91	6.237	6.237	0.000	93	383972	20.0	17.7	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	99	124880	20.0	19.8	
86 Ethyl methacrylate	69	6.672	6.672	0.000	92	115049	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	70247	20.0	19.4	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	66311	20.0	17.7	
89 1,3-Dichloropropane	76	7.095	7.095	0.000	94	145373	20.0	19.7	
91 2-Hexanone	43	7.175	7.175	0.000	97	342231	100.0	83.2	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	161403	20.0	26.2	
90 Chlorodibromomethane	129	7.357	7.357	0.000	98	66331	20.0	20.3	
93 Ethylene Dibromide	107	7.517	7.517	0.000	97	73218	20.0	18.3	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	326237	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	213807	20.0	17.6	
97 Ethylbenzene	106	8.215	8.215	0.000	98	122509	20.0	17.9	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	65317	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	96	151953	20.0	18.0	
100 o-Xylene	106	8.798	8.798	0.000	93	146337	20.0	17.9	
99 n-Butyl acrylate	73	8.809	8.809	0.000	98	66051	20.0	20.4	
101 Styrene	104	8.832	8.832	0.000	96	241167	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	91	178832	20.0	28.9	
103 Bromoform	173	9.049	9.049	0.000	52	39260	20.0	23.3	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	365291	20.0	18.5	
$ 105 4-Bromofluorobenzene	174	9.380	9.380	0.000	0	113402	50.0	52.5	
107 Bromobenzene	156	9.506	9.506	0.000	96	74423	20.0	20.1	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	98	112202	20.0	21.0	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	452280	20.0	20.3	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	97	27671	20.0	20.3	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	90	27148	20.0	21.9	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	289887	20.0	20.0	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	352821	20.0	19.8	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	92	278062	20.0	19.1	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	272468	20.0	19.6	
117 Butyl Methacrylate	87	9.861	9.861	0.000	91	97345	20.0	20.0	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	224795	20.0	19.0	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	97	274406	20.0	19.0	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	359359	20.0	20.1	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	276617	20.0	20.2	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	72	143712	20.0	20.4	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	130242	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	145847	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.443	10.443	0.000	99	287543	20.0	20.1	
125 Benzyl chloride	91	10.546	10.546	0.000	98	196310	20.0	22.9	
111 2,3-Dihydroindene	117	10.603	10.603	0.000	95	282657	20.0	19.1	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	159318	20.0	19.7	
127 n-Butylbenzene	92	10.683	10.683	0.000	97	145663	20.0	21.4	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	136453	20.0	20.5	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	98	168360	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.358	0.000	93	16769	20.0	20.1	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	97	75191	20.0	21.3	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	64387	20.0	21.6	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	93	23593	20.0	20.9	
134 Naphthalene	128	12.124	12.124	0.000	99	181393	20.0	16.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	60681	20.0	21.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	32.4	
S 137 Xylenes, Total	100				0		40.0	35.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	39.7	
S 139 Total BTEX	1				0		100.0	89.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00174	Amount Added:	20.00	Units: uL	
524FREONS_00005	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 23:11:05 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42132.D

Injection Date: 15-Aug-2023 20:39:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

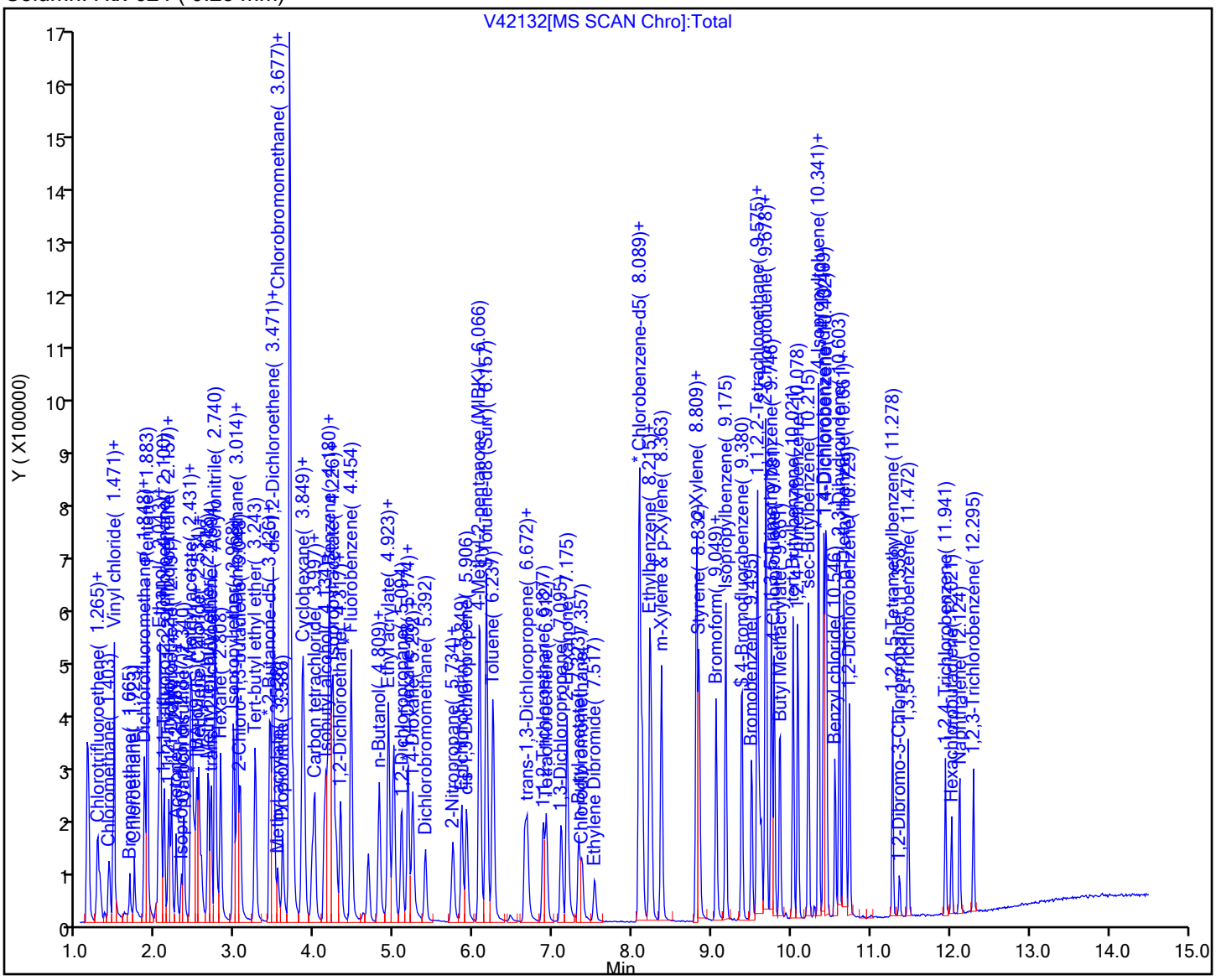
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

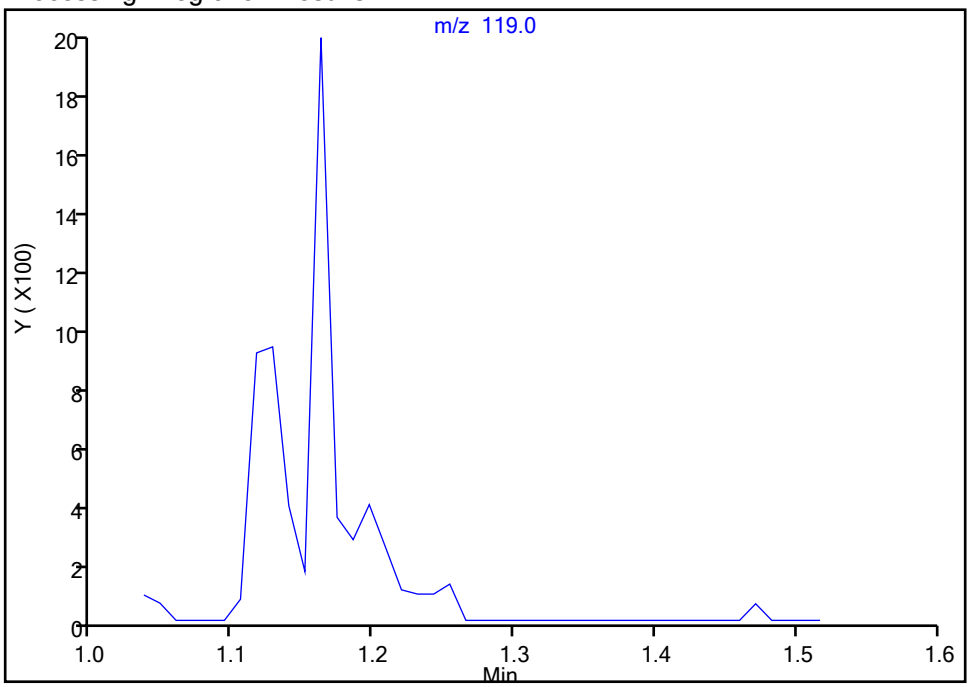
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42132.D
Injection Date: 15-Aug-2023 20:39:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

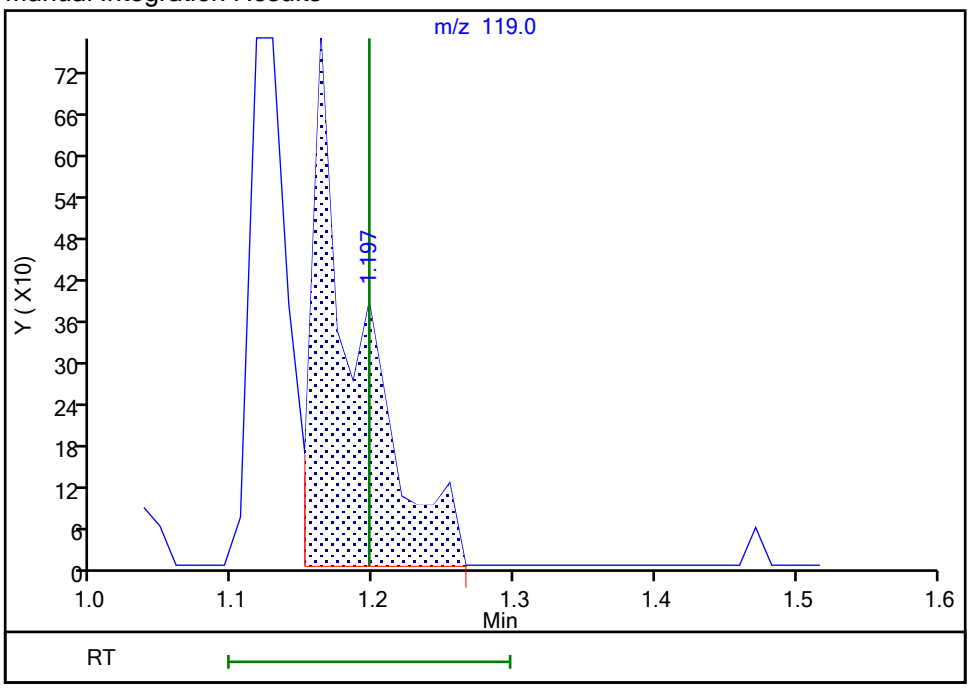
Not Detected
Expected RT: 1.20

Processing Integration Results



Manual Integration Results

RT: 1.20
Area: 2550
Amount: 11.420070
Amount Units: ug/l



Reviewer: HVW2, 15-Aug-2023 21:26:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

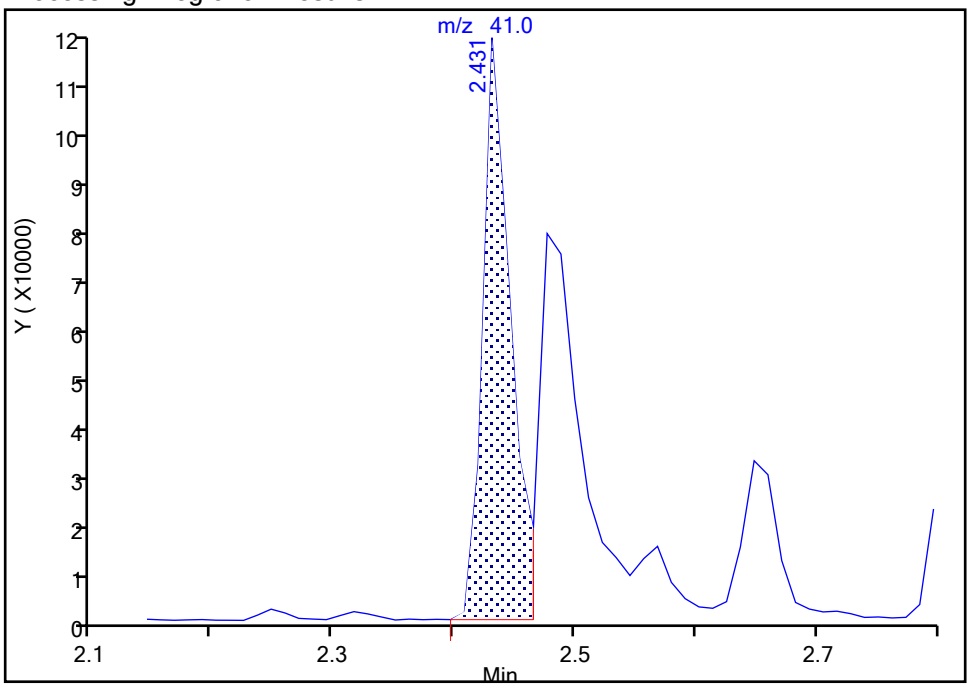
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42132.D
Injection Date: 15-Aug-2023 20:39:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

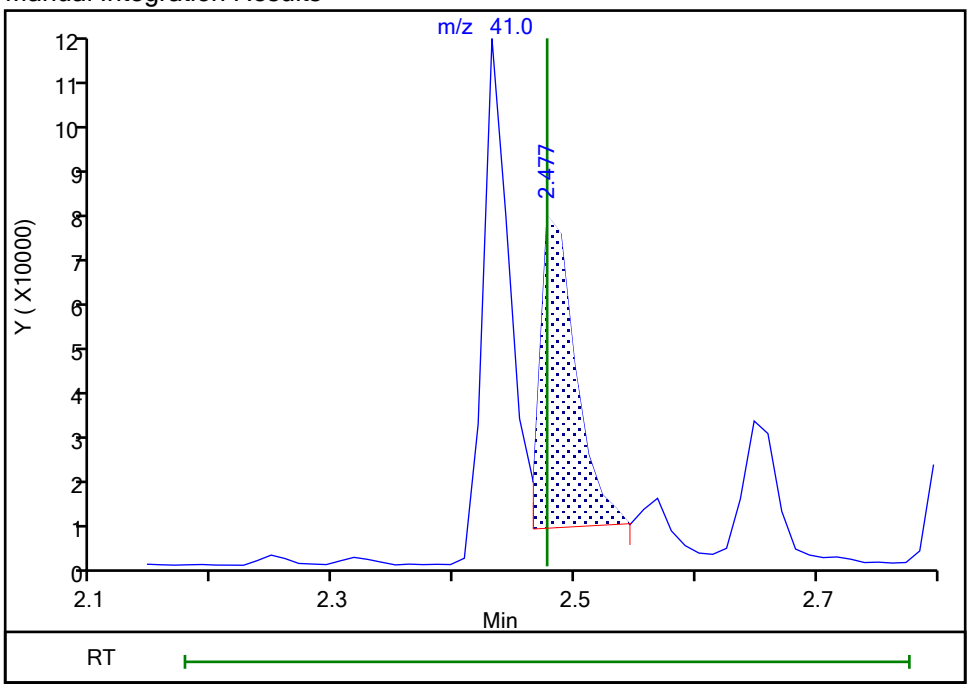
Processing Integration Results

RT: 2.43
Area: 184244
Amount: 244.2950
Amount Units: ug/l



Manual Integration Results

RT: 2.48
Area: 137813
Amount: 182.7307
Amount Units: ug/l



Reviewer: HVW2, 15-Aug-2023 23:09:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

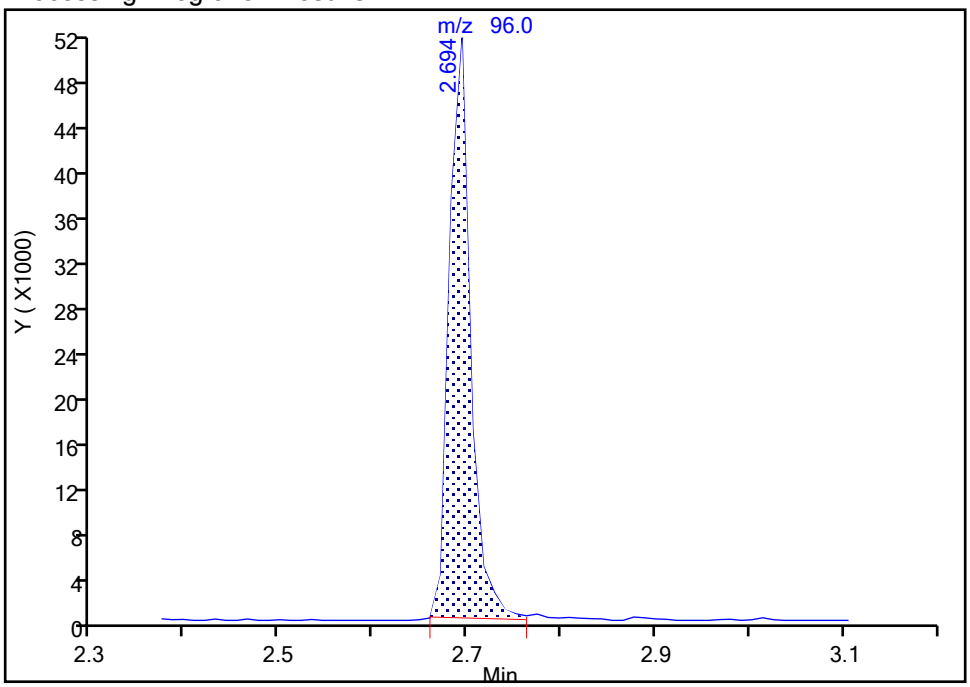
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42132.D
Injection Date: 15-Aug-2023 20:39:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

33 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

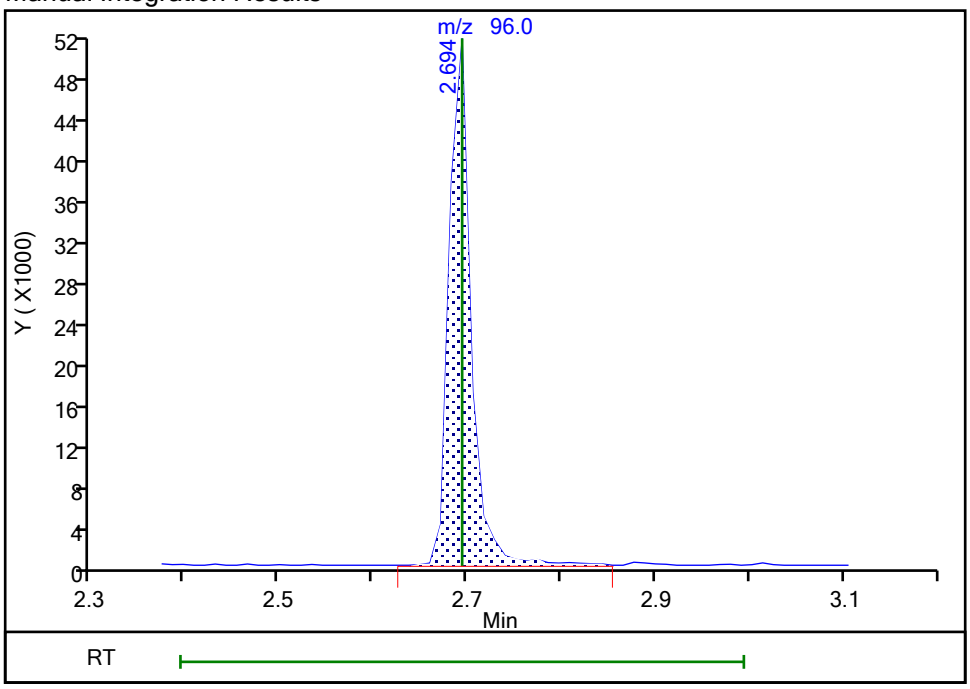
Processing Integration Results

RT: 2.69
Area: 80887
Amount: 15.394886
Amount Units: ug/l



Manual Integration Results

RT: 2.69
Area: 83408
Amount: 15.874698
Amount Units: ug/l



Reviewer: HVW2, 15-Aug-2023 21:27:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41111.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	23-Jul-2023 14:59:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0163741-001				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	25-Jul-2023 12:00:28	Calib Date:	23-Jul-2023 18:27:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1613				
First Level Reviewer: HVW2		Date:	23-Jul-2023 15:05:52		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

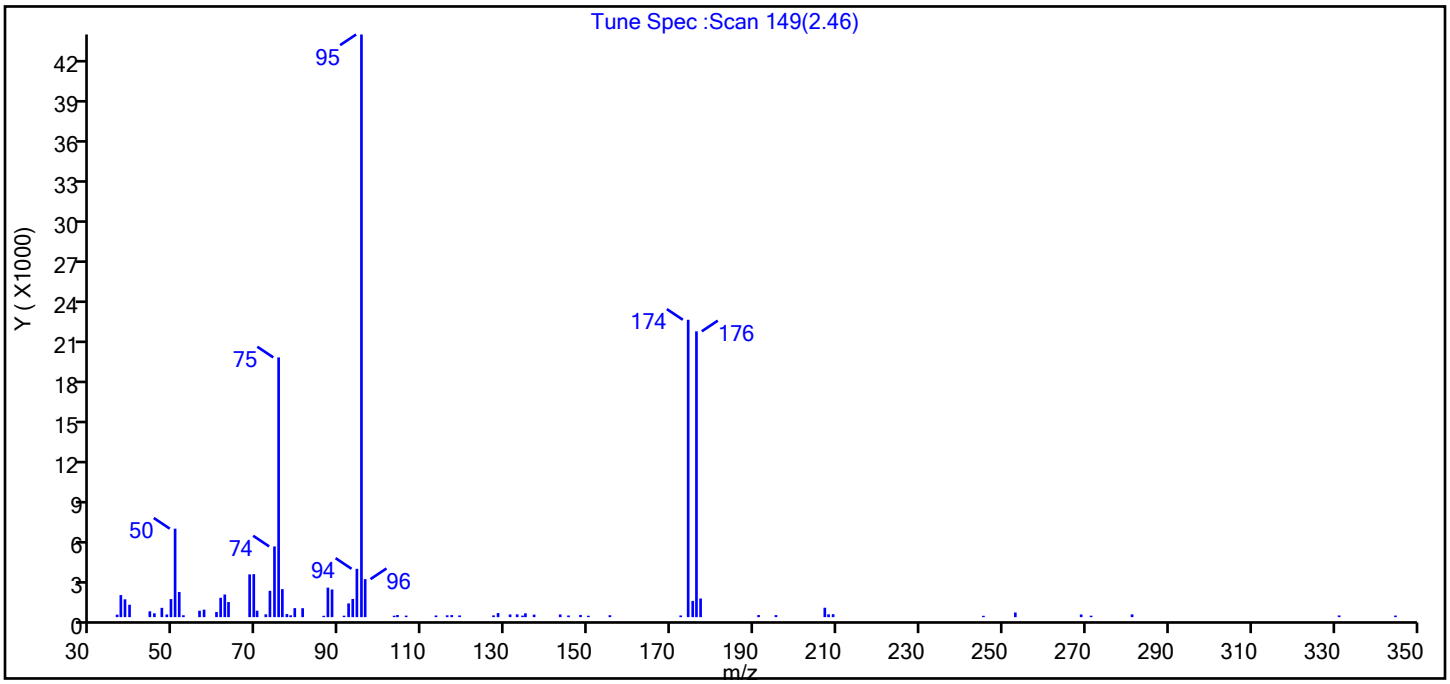
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41111.D
Injection Date: 23-Jul-2023 14:59:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (195.9)
96	5 to 9% of m/z 95	6.5
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	51.0
175	5 to 9% of m/z 174	2.8 (5.5)
176	95 to 105% of m/z 174	49.1 (96.1)
177	5 to 10% of m/z 176	3.2 (6.5)

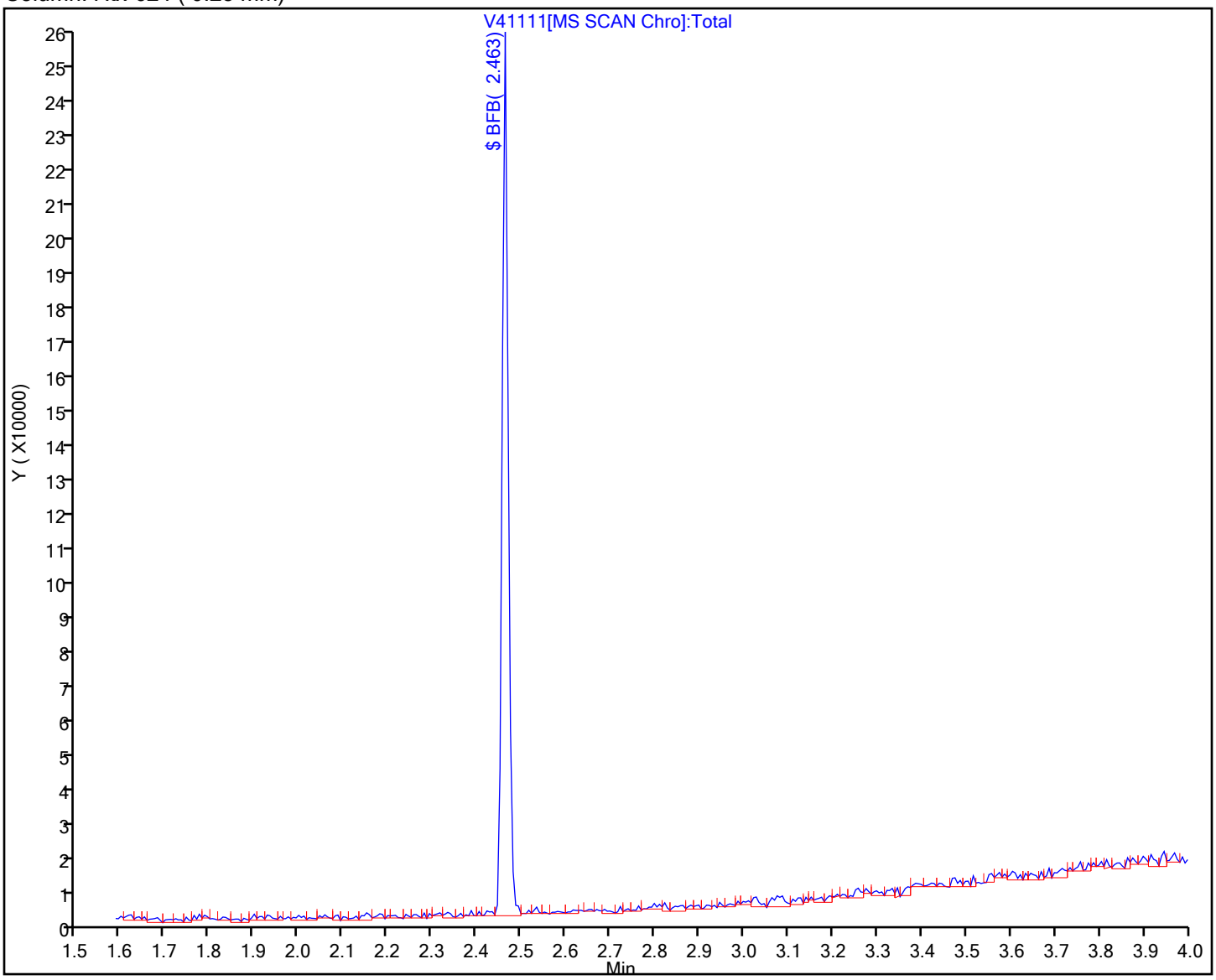
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41111.D\8260W_7.rslt\spectra.d
Injection Date: 23-Jul-2023 14:59:30
Spectrum: Tune Spec :Scan 149(2.46)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	189	69.00	3247	96.00	2870	155.00	145
37.00	1664	70.00	485	103.00	109	172.00	127
38.00	1347	72.00	211	104.00	160	174.00	22448
39.00	936	73.00	1987	106.00	117	175.00	1227
44.00	439	74.00	5338	113.00	125	176.00	21576
45.00	289	75.00	19608	116.00	139	177.00	1407
47.00	702	76.00	2114	117.00	154	191.00	157
48.00	202	77.00	234	119.00	131	195.00	155
49.00	1363	78.00	138	127.00	135	207.00	709
50.00	6680	79.00	682	128.00	308	208.00	211
51.00	1900	81.00	676	131.00	203	209.00	224
52.00	141	86.00	102	133.00	212	245.00	102
56.00	484	87.00	2226	134.00	117	253.00	350
57.00	566	88.00	2086	135.00	290	269.00	202
60.00	387	91.00	111	137.00	191	271.00	111
61.00	1460	92.00	1038	143.00	204	281.00	210
62.00	1708	93.00	1369	145.00	125	331.00	129
63.00	1138	94.00	3648	148.00	167	345.00	120
68.00	3226	95.00	43984	150.00	108		

Report Date: 25-Jul-2023 12:00:28 Chrom Revision: 2.3 19-Jul-2023 18:28:48

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41111.D
Injection Date: 23-Jul-2023 14:59:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-926363/11

Matrix: Water | Lab File ID: V42038.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 10:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-926363/11

Matrix: Water Lab File ID: V42038.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 10:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42038.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2023 10:40:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164631-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 11:07:32 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: FK2C Date: 14-Aug-2023 11:05:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	24982	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	251992	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	95	89566	50.0	44.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	107504	50.0	53.8	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	414392	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	22111	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	435836	50.0	47.4	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	88	273487	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	92746	50.0	51.2	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	111416	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 14-Aug-2023 11:08:07 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42038.D

Injection Date: 14-Aug-2023 10:40:30 Instrument ID: CVOAMS7

Lims ID: MB

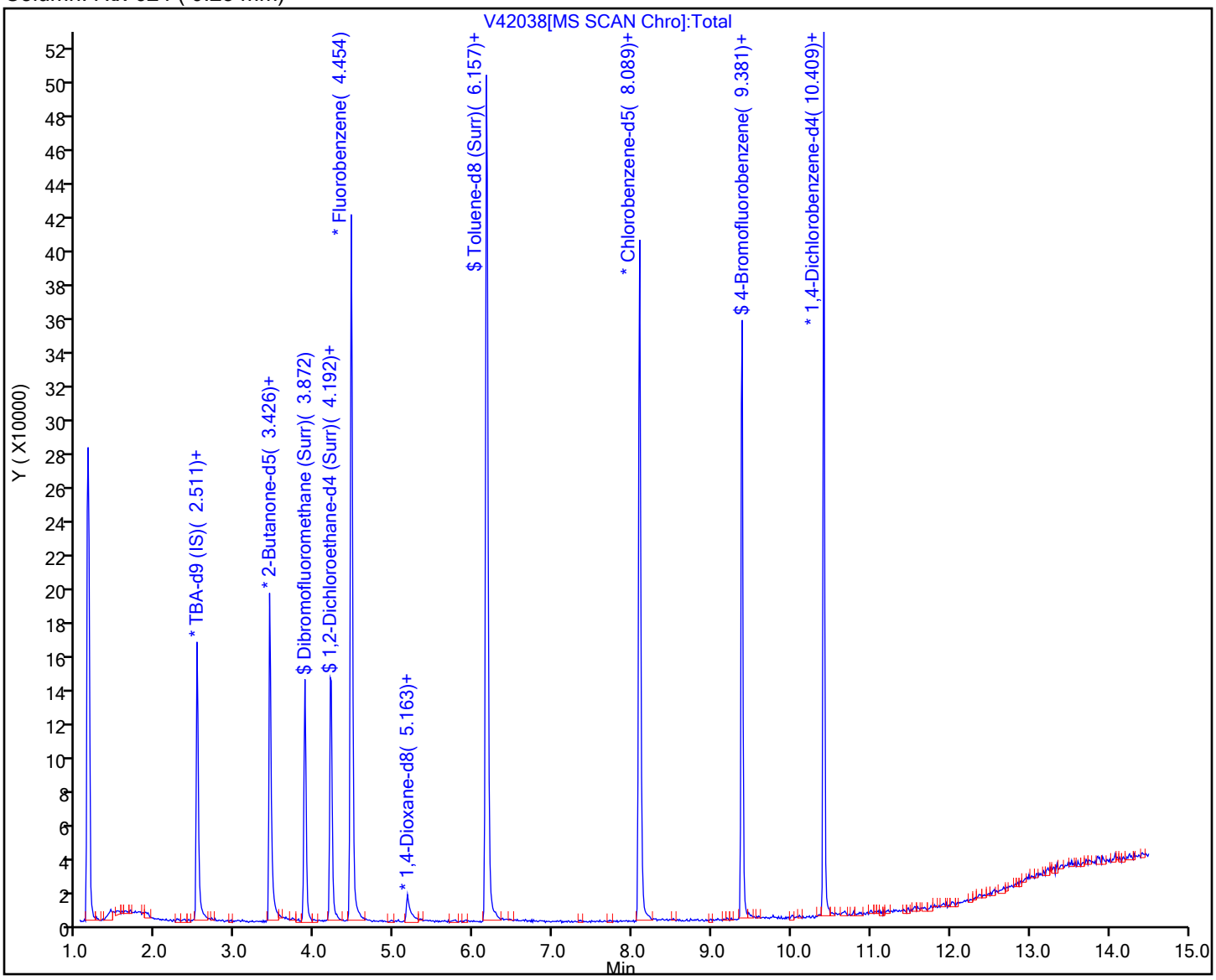
Client ID:

Operator ID: ALS Bottle#: 60 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42038.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2023 10:40:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164631-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Aug-2023 11:07:32 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1618

First Level Reviewer: FK2C Date: 14-Aug-2023 11:05:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	44.5	89.01
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.8	107.58
$ 82 Toluene-d8 (Surr)	50.0	47.4	94.88
$ 105 4-Bromofluorobenzene	50.0	51.2	102.44

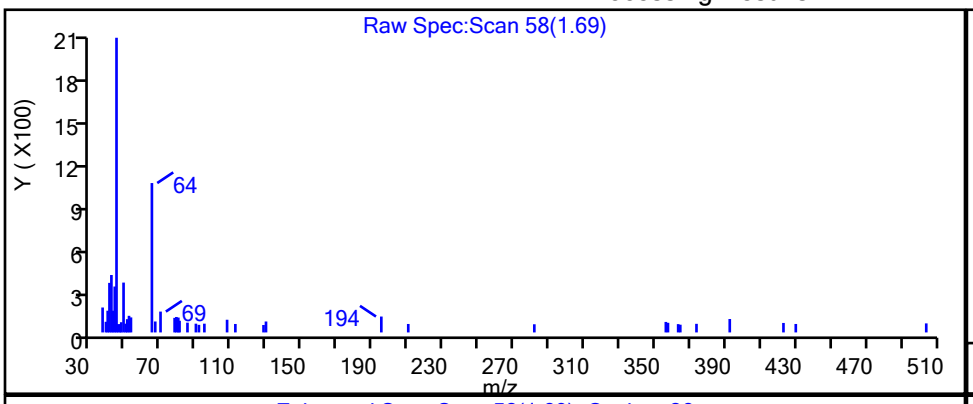
User Disabled Compound Report

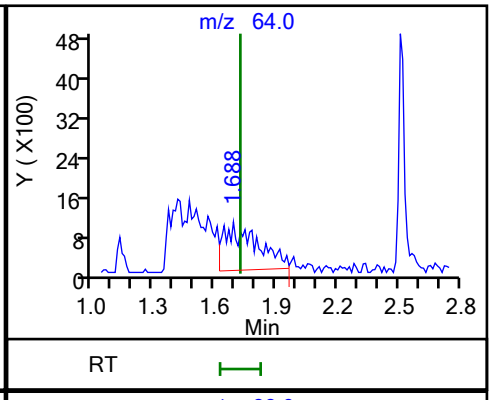
Eurofins Edison

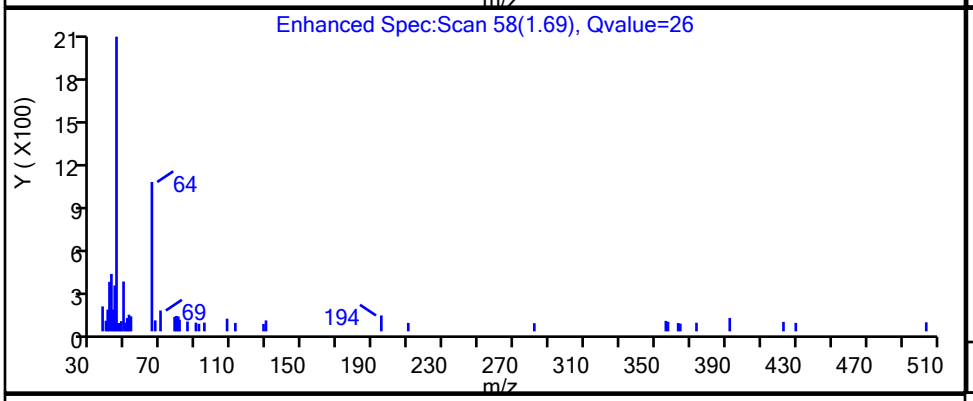
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42038.D
Injection Date: 14-Aug-2023 10:40:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

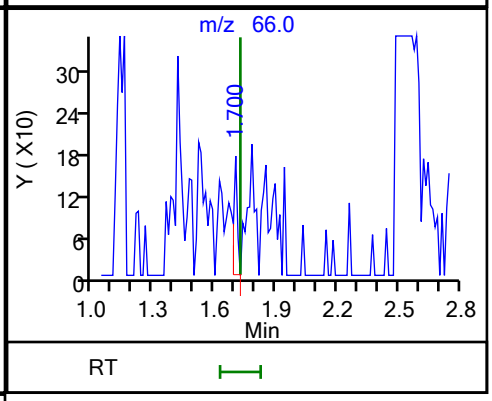
10 Chloroethane, CAS: 75-00-3

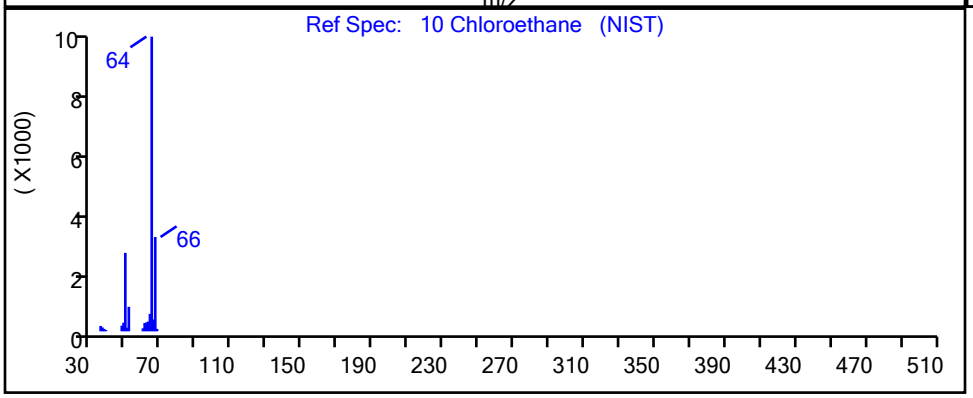
Processing Results











RT	Mass	Response	Amount
1.69	64.00	10982	3.529111
1.70	66.00	207	

Reviewer: FK2C, 14-Aug-2023 11:05:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-926520/8

Matrix: Water | Lab File ID: V42069.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 22:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-926520/8

Matrix: Water Lab File ID: V42069.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 22:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926520 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	89		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42069.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2023 22:11:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164661-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:41:34 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:41:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	26190	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	248453	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	96	87133	50.0	44.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	97576	50.0	50.1	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	403767	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	92	21952	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	433720	50.0	49.0	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	263539	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	93453	50.0	53.6	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	107804	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 15-Aug-2023 09:41:53 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42069.D

Injection Date: 14-Aug-2023 22:11:30 Instrument ID: CVOAMS7

Lims ID: MB

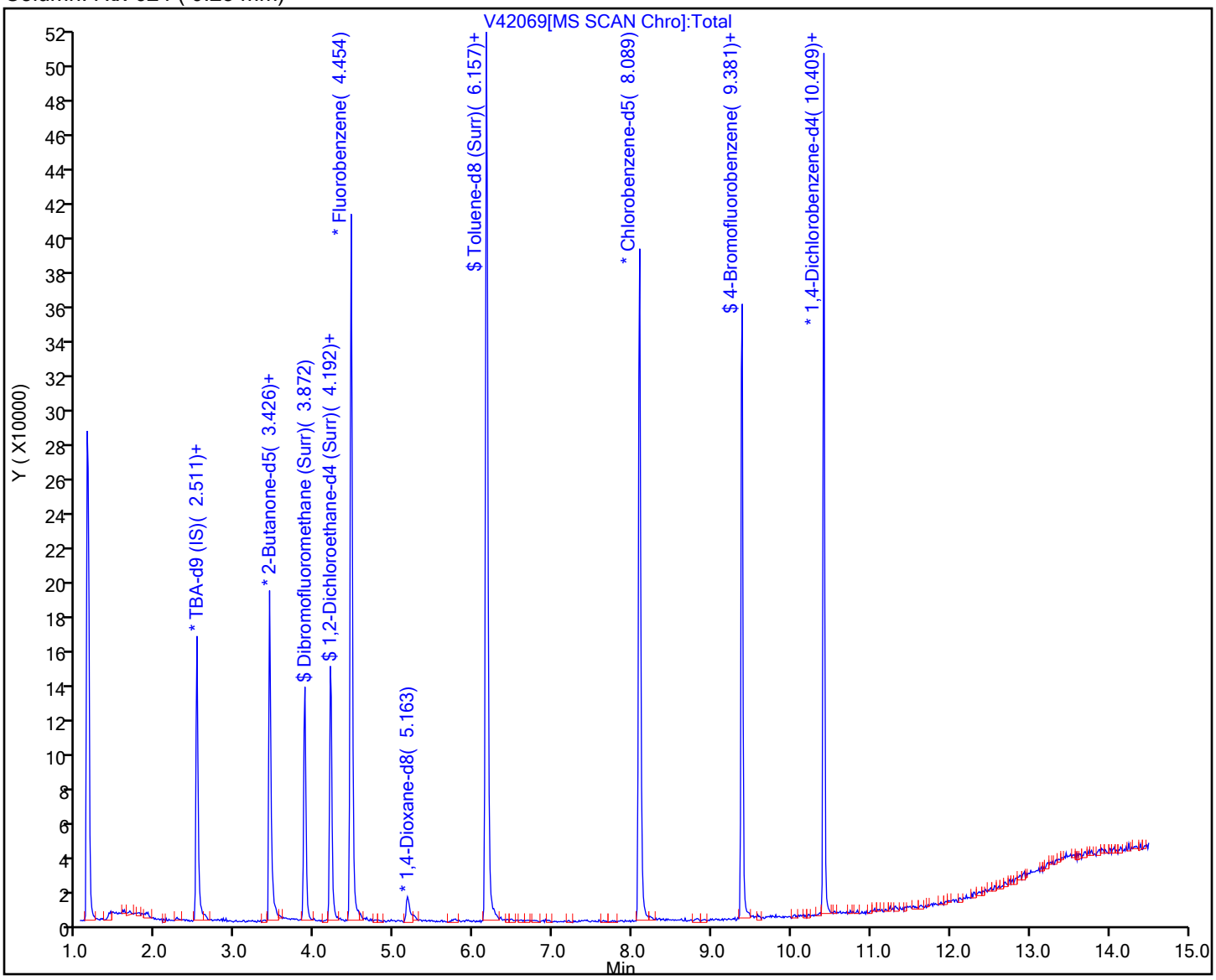
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42069.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 14-Aug-2023 22:11:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164661-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:41:34 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:41:53

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	44.4	88.88
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.22
$ 82 Toluene-d8 (Surr)	50.0	49.0	97.98
$ 105 4-Bromofluorobenzene	50.0	53.6	107.12

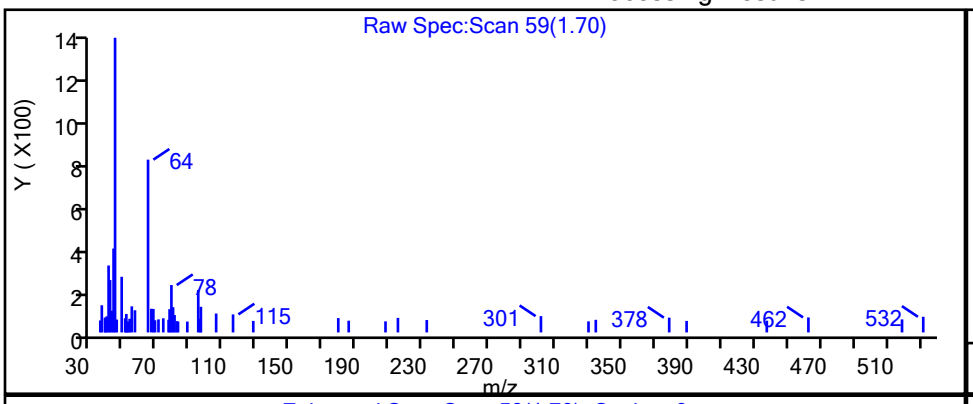
User Disabled Compound Report

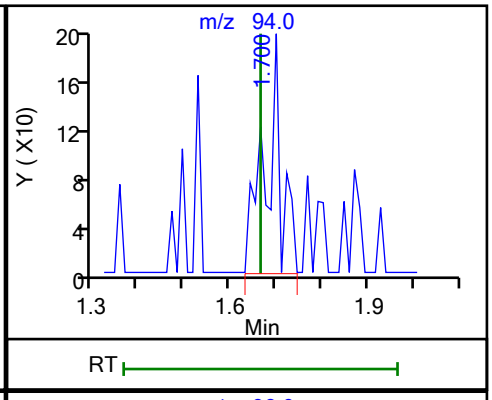
Eurofins Edison

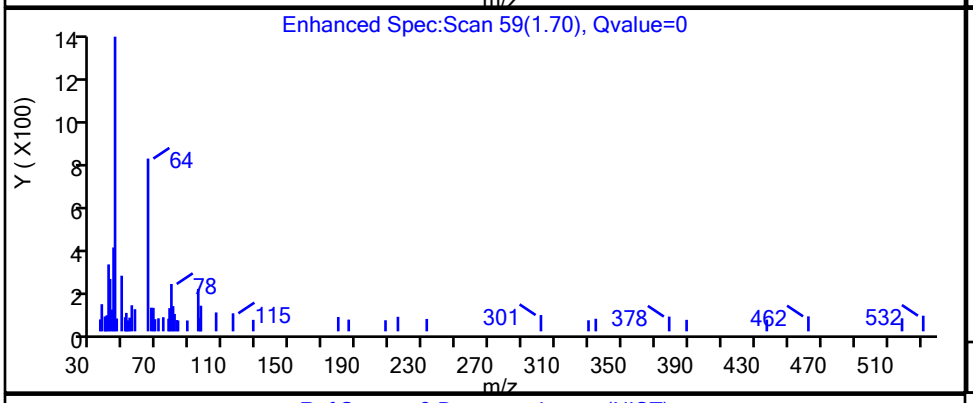
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42069.D
Injection Date: 14-Aug-2023 22:11:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

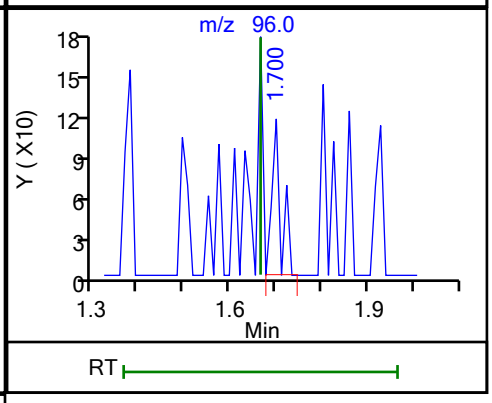
9 Bromomethane, CAS: 74-83-9

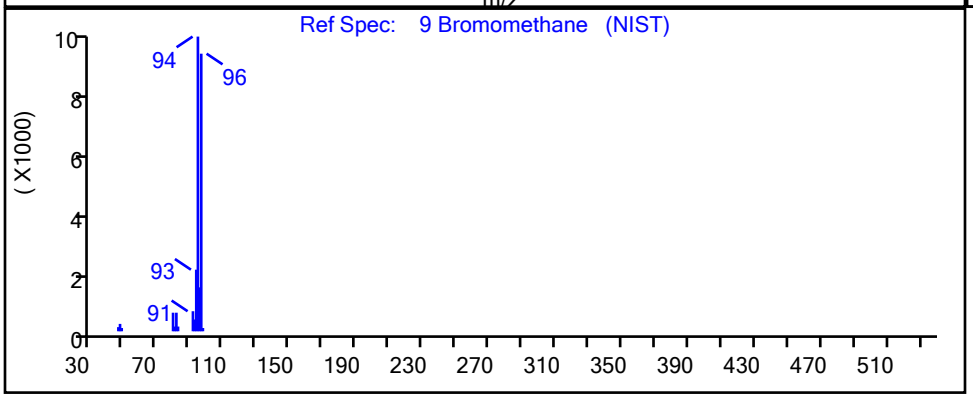
Processing Results











RT	Mass	Response	Amount
1.70	94.00	474	0.252282
1.70	96.00	163	

Reviewer: HVW2, 14-Aug-2023 23:14:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-926740/8

Matrix: Water | Lab File ID: V42137.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 22:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926740 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-926740/8

Matrix: Water Lab File ID: V42137.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/15/2023 22:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926740 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	86		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42137.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Aug-2023 22:25:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164717-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2023 10:12:35 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 16-Aug-2023 00:00:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	26838	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	252304	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	97120	50.0	43.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	93	109198	50.0	48.8	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	463649	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	91	20961	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	486211	50.0	50.0	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	289280	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.380	0.001	0	105292	50.0	55.0	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	119951	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00239 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 16-Aug-2023 10:13:18 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42137.D

Injection Date: 15-Aug-2023 22:25:30 Instrument ID: CVOAMS7

Lims ID: MB

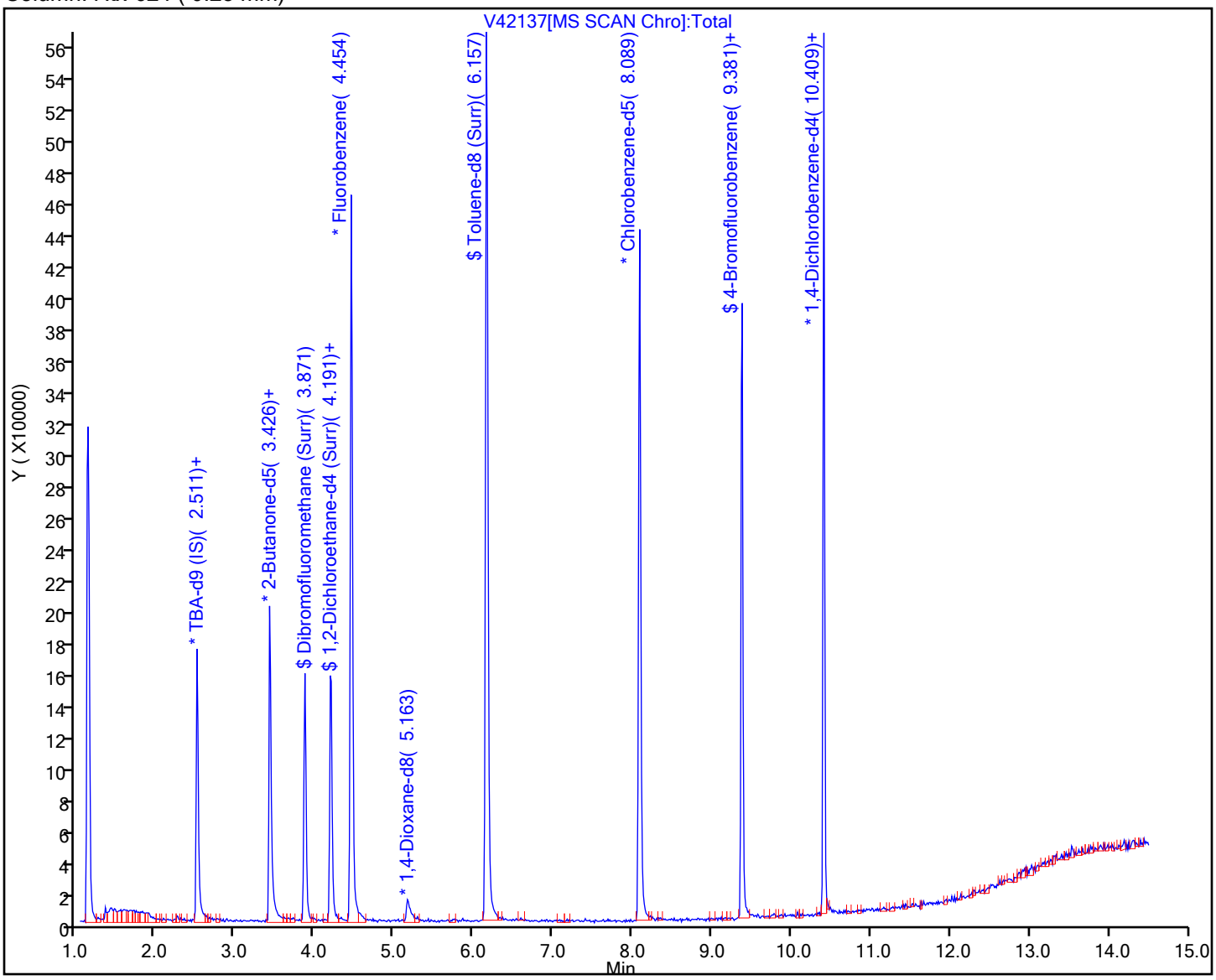
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42137.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 15-Aug-2023 22:25:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0164717-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 16-Aug-2023 10:12:35 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: HVW2 Date: 16-Aug-2023 00:00:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	43.1	86.27
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.8	97.67
$ 82 Toluene-d8 (Surr)	50.0	50.0	100.07
$ 105 4-Bromofluorobenzene	50.0	55.0	109.95

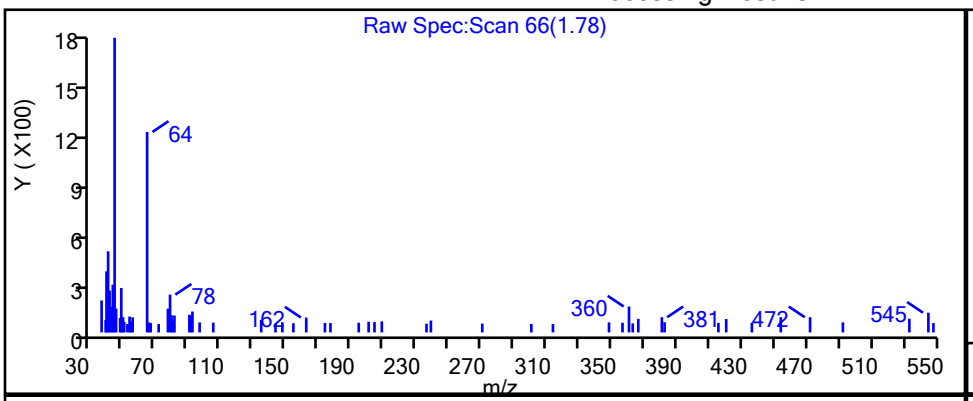
User Disabled Compound Report

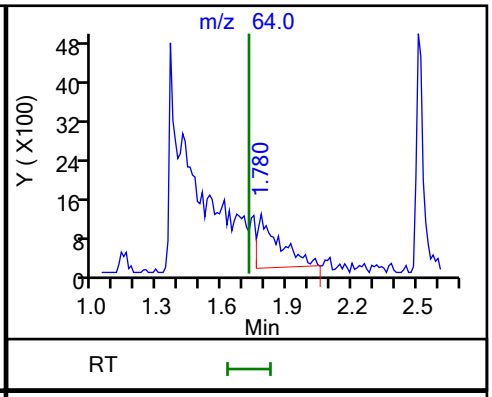
Eurofins Edison

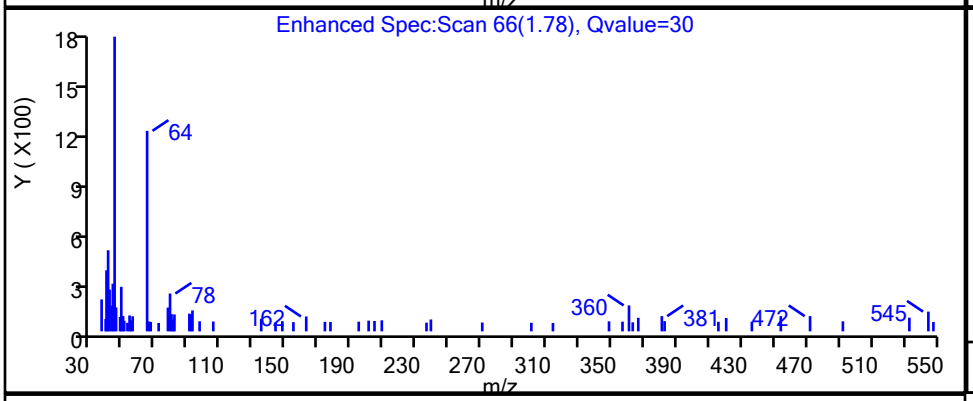
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42137.D
Injection Date: 15-Aug-2023 22:25:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

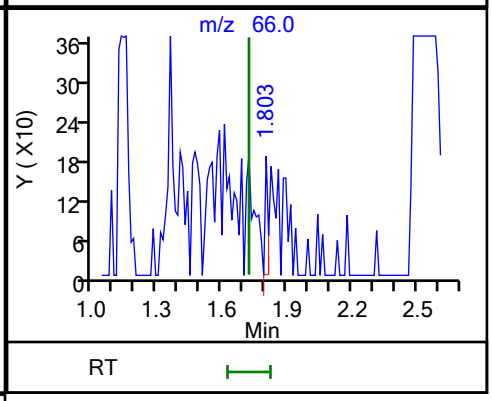
10 Chloroethane, CAS: 75-00-3

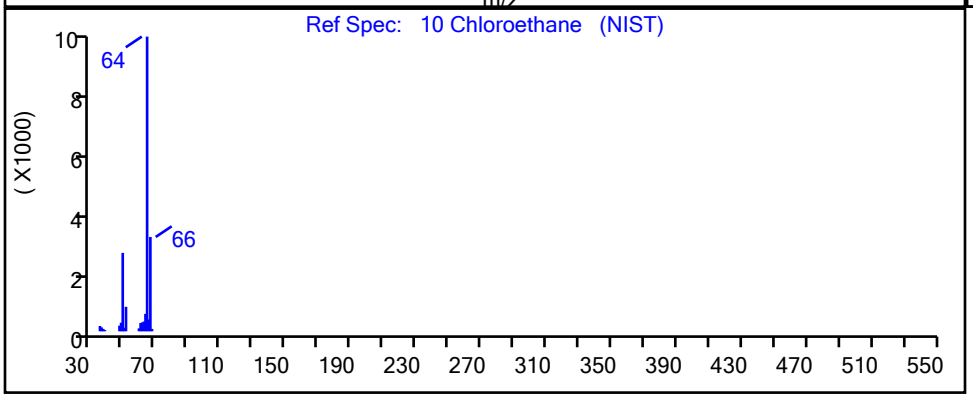
Processing Results











RT	Mass	Response	Amount
1.78	64.00	7659	2.199774
1.80	66.00	168	

Reviewer: HVW2, 15-Aug-2023 23:59:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-926363/6

Matrix: Water | Lab File ID: V42033.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 08:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	23.7		1.0	0.20
75-34-3	1,1-Dichloroethane	22.4		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
107-06-2	1,2-Dichloroethane	22.2		1.0	0.43
78-87-5	1,2-Dichloropropane	23.5		1.0	0.35
591-78-6	2-Hexanone	94.1		5.0	1.1
67-64-1	Acetone	87.0		5.0	4.4
71-43-2	Benzene	22.2		1.0	0.20
75-27-4	Bromodichloromethane	21.1		1.0	0.34
75-25-2	Bromoform	25.6		1.0	0.54
74-83-9	Bromomethane	26.1		1.0	0.55
75-15-0	Carbon disulfide	19.6		1.0	0.82
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	21.7		1.0	0.38
75-00-3	Chloroethane	28.7		1.0	0.32
67-66-3	Chloroform	20.7		1.0	0.33
74-87-3	Chloromethane	27.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	23.2		1.0	0.22
124-48-1	Dibromochloromethane	23.0		1.0	0.28
100-41-4	Ethylbenzene	20.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	72.5		5.0	1.9
108-10-1	methyl isobutyl ketone	96.0		5.0	1.3
75-09-2	Methylene Chloride	19.4		1.0	0.32
100-42-5	Styrene	21.9		1.0	0.42
127-18-4	Tetrachloroethene	20.6		1.0	0.25
108-88-3	Toluene	21.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	24.0		1.0	0.22
79-01-6	Trichloroethene	18.9		1.0	0.31
75-01-4	Vinyl chloride	24.1		1.0	0.17
1330-20-7	Xylenes, Total	41.9		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-926363/6

Matrix: Water Lab File ID: V42033.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 08:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	116		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42033.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2023 08:54:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164631-006
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:54:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 14-Aug-2023 10:01:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.163	0.011	71	2254	20.0	11.5	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	89	24993	20.0	20.3	
4 1,1-Difluoroethane	65	1.265	1.254	0.011	84	52790	20.0	24.1	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	98	93269	20.0	19.5	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	13027	20.0	21.4	
6 Chloromethane	50	1.403	1.403	0.000	99	141731	20.0	27.0	
7 Vinyl chloride	62	1.460	1.460	0.000	98	140764	20.0	24.1	
8 Butadiene	54	1.471	1.471	0.000	96	142137	20.0	25.4	
9 Bromomethane	94	1.665	1.665	0.000	99	51592	20.0	26.1	
10 Chloroethane	64	1.723	1.723	0.000	99	91591	20.0	28.7	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	165261	20.0	24.9	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	98	102275	20.0	19.8	
13 Pentane	72	1.894	1.894	0.000	97	33557	40.0	43.4	
17 Ethanol	46	1.997	1.997	0.000	99	21728	800.0	1026.6	
14 Ethyl ether	74	2.031	2.031	0.000	95	59230	20.0	21.0	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	96	84135	20.0	22.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	95	68489	20.0	20.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	129515	20.0	20.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	92	65445	20.0	16.9	
52 Acrolein	56	2.168	2.168	0.000	94	33981	40.0	41.8	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	75793	20.0	18.8	
23 Acetone	43	2.248	2.248	0.000	88	144820	100.0	87.0	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	59630	200.0	270.7	
21 Iodomethane	142	2.317	2.317	0.000	95	42784	20.0	13.5	
22 Carbon disulfide	76	2.351	2.351	0.000	99	277683	20.0	19.6	
30 Methyl acetate	43	2.443	2.431	0.012	99	173617	40.0	52.1	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	94	61401	20.0	19.2	
25 Cyclopentene	67	2.454	2.454	0.000	93	210303	20.0	20.9	
27 Acetonitrile	41	2.488	2.488	0.000	96	136171	200.0	210.2	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	99	27156	1000.0	1000.0	
29 Methylene Chloride	84	2.546	2.534	0.012	95	90530	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	87038	200.0	252.1	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	99	264750	20.0	21.0	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	95	87976	20.0	19.0	
35 Acrylonitrile	53	2.740	2.740	0.000	97	468354	200.0	249.7	
36 Hexane	57	2.808	2.808	0.000	94	117430	20.0	20.1	
37 Isopropyl ether	45	2.980	2.968	0.012	99	332324	20.0	26.3	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	66	175572	20.0	22.4	
40 Vinyl acetate	86	3.026	3.026	0.000	100	36520	40.0	30.6	a
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	89	82676	20.0	19.1	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	287186	20.0	22.8	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	272094	250.0	250.0	
43 2,2-Dichloropropane	97	3.448	3.437	0.011	97	29796	20.0	19.8	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	95	98788	20.0	19.7	
47 Ethyl acetate	70	3.483	3.471	0.012	94	23020	40.0	31.6	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	61097	100.0	72.5	
46 Methyl acrylate	55	3.528	3.529	-0.001	99	90294	20.0	23.6	
48 Propionitrile	54	3.597	3.586	0.011	99	167422	200.0	238.2	
49 Chlorobromomethane	128	3.677	3.677	0.000	95	37825	20.0	18.9	
50 Tetrahydrofuran	72	3.677	3.677	0.000	71	29801	40.0	44.0	
54 Methacrylonitrile	67	3.689	3.677	0.011	93	482686	200.0	219.7	
51 Chloroform	83	3.723	3.723	0.000	99	142328	20.0	20.7	
53 Cyclohexane	84	3.837	3.837	0.000	94	127840	20.0	17.7	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	99	106920	20.0	20.2	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	100665	50.0	48.8	
57 Carbon tetrachloride	117	3.963	3.963	0.000	96	80944	20.0	20.7	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	121664	20.0	20.0	
61 Isobutyl alcohol	43	4.111	4.111	0.000	93	158007	500.0	720.5	
64 Isooctane	57	4.146	4.146	0.000	98	233932	20.0	21.2	a
59 Benzene	78	4.180	4.180	0.000	97	405445	20.0	22.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	92	113437	50.0	55.4	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	90	272573	20.0	20.5	
66 Isopropyl acetate	87	4.226	4.226	0.000	97	77373	20.0	19.4	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	94	100513	20.0	22.2	
65 n-Heptane	57	4.329	4.317	0.012	93	50707	20.0	19.9	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	424450	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	89	47858	500.0	637.2	
69 Trichloroethene	95	4.809	4.809	0.000	97	87189	20.0	18.9	
72 Methylcyclohexane	83	4.923	4.923	0.000	78	130777	20.0	17.7	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	12319	20.0	18.0	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	107404	20.0	23.5	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	21818	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.163	0.011	93	47396	40.0	35.1	
78 1,4-Dioxane	88	5.220	5.220	0.000	28	22814	400.0	464.5	
75 Dibromomethane	93	5.232	5.232	0.000	47	50108	20.0	19.6	
77 n-Propyl acetate	43	5.232	5.232	0.000	99	155455	20.0	25.8	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	104570	20.0	21.1	
34 2-Nitropropane	41	5.723	5.723	0.000	96	43262	40.0	62.9	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	98	63021	20.0	21.2	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	243965	400.0	343.9	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	91	152791	20.0	23.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.066	6.066	0.000	97	512815	100.0	96.0	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	519741	50.0	54.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.237	6.237	0.000	95	401643	20.0	21.3	
85 trans-1,3-Dichloropropene	75	6.649	6.637	0.012	98	131163	20.0	24.0	
86 Ethyl methacrylate	69	6.672	6.672	0.000	91	118998	20.0	24.3	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	98	74666	20.0	23.7	
88 Tetrachloroethene	166	6.912	6.912	0.000	94	67127	20.0	20.6	
89 1,3-Dichloropropane	76	7.095	7.095	0.000	95	143918	20.0	22.5	
91 2-Hexanone	43	7.175	7.175	0.000	98	332457	100.0	94.1	
92 n-Butyl acetate	43	7.323	7.323	0.000	100	153109	20.0	28.6	
90 Chlorodibromomethane	129	7.357	7.357	0.000	98	65313	20.0	23.0	
93 Ethylene Dibromide	107	7.517	7.517	0.000	97	73808	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	283465	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	94	229433	20.0	21.7	
97 Ethylbenzene	106	8.215	8.215	0.000	98	123914	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	65382	20.0	23.2	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	153419	20.0	20.9	
100 o-Xylene	106	8.798	8.798	0.000	93	149292	20.0	21.0	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	68515	20.0	24.4	
101 Styrene	104	8.843	8.843	0.000	95	245829	20.0	21.9	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	179087	20.0	32.2	
103 Bromoform	173	9.049	9.061	-0.011	51	37484	20.0	25.6	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	362138	20.0	21.1	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	108747	50.0	57.9	
107 Bromobenzene	156	9.495	9.495	0.000	93	75191	20.0	22.6	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	109123	20.0	22.8	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	453765	20.0	22.6	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	27039	20.0	22.1	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	86	28792	20.0	25.8	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	292421	20.0	22.5	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	354436	20.0	22.1	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	278981	20.0	21.4	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	280389	20.0	22.5	
117 Butyl Methacrylate	87	9.849	9.861	-0.012	91	104768	20.0	23.9	
118 tert-Butylbenzene	119	10.021	10.021	0.000	93	226560	20.0	21.2	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	284671	20.0	21.9	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	356751	20.0	22.2	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	276687	20.0	22.4	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	70	139881	20.0	22.0	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	117125	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	143884	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	10.443	10.443	0.000	99	290494	20.0	22.6	
125 Benzyl chloride	91	10.546	10.546	0.000	98	189221	20.0	24.6	a
111 2,3-Dihydroindene	117	10.603	10.604	-0.001	94	289724	20.0	21.8	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	161138	20.0	22.1	
127 n-Butylbenzene	92	10.683	10.684	-0.001	99	145075	20.0	23.7	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	133659	20.0	22.3	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	172975	20.0	22.2	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.369	-0.011	93	15816	20.0	21.1	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	72664	20.0	22.8	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	66221	20.0	24.7	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	22286	20.0	22.0	
134 Naphthalene	128	12.124	12.124	0.000	99	181544	20.0	18.3	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	61732	20.0	24.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	41.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	47.1	
S 139 Total BTEX	1				0		100.0	106.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00174	Amount Added:	20.00	Units: uL	
524FREONS_00005	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 18:54:20 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42033.D

Injection Date: 14-Aug-2023 08:54:30 Instrument ID: CVOAMS7

Lims ID: LCS

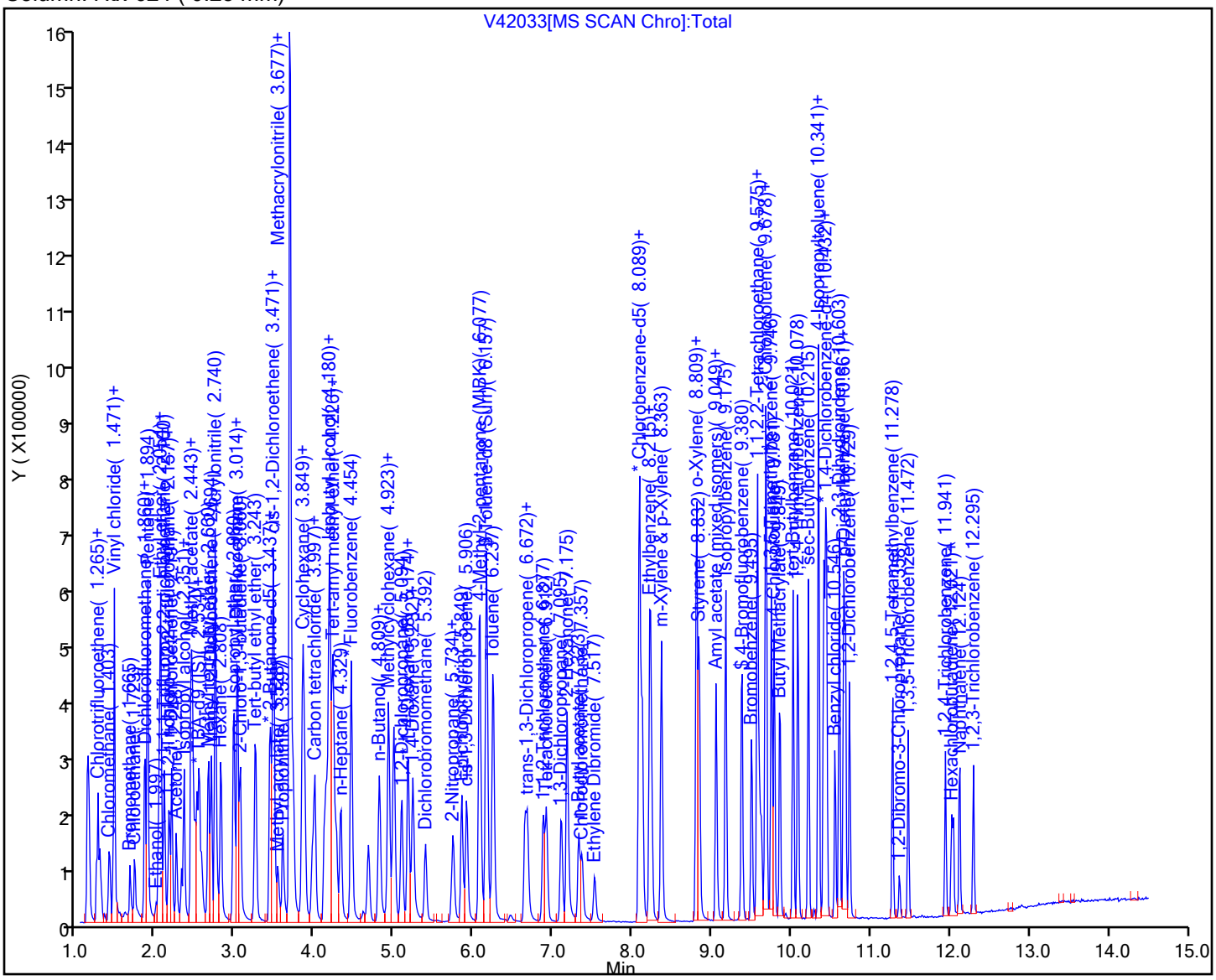
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42033.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2023 08:54:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164631-006
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:54:19 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 14-Aug-2023 10:01:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.8	97.67
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.4	110.83
$ 82 Toluene-d8 (Surr)	50.0	54.6	109.16
$ 105 4-Bromofluorobenzene	50.0	57.9	115.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-926520/3

Matrix: Water | Lab File ID: V42064.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 20:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.20
75-34-3	1,1-Dichloroethane	19.5		1.0	0.26
75-35-4	1,1-Dichloroethene	16.5		1.0	0.26
107-06-2	1,2-Dichloroethane	18.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
591-78-6	2-Hexanone	82.7		5.0	1.1
67-64-1	Acetone	73.0		5.0	4.4
71-43-2	Benzene	19.3		1.0	0.20
75-27-4	Bromodichloromethane	18.2		1.0	0.34
75-25-2	Bromoform	24.0		1.0	0.54
74-83-9	Bromomethane	20.3		1.0	0.55
75-15-0	Carbon disulfide	15.9		1.0	0.82
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
108-90-7	Chlorobenzene	18.3		1.0	0.38
75-00-3	Chloroethane	23.8		1.0	0.32
67-66-3	Chloroform	17.8		1.0	0.33
74-87-3	Chloromethane	21.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.22
124-48-1	Dibromochloromethane	21.2		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	64.4		5.0	1.9
108-10-1	methyl isobutyl ketone	82.9		5.0	1.3
75-09-2	Methylene Chloride	16.8		1.0	0.32
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	18.8		1.0	0.25
108-88-3	Toluene	18.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.8		1.0	0.22
79-01-6	Trichloroethene	16.2		1.0	0.31
75-01-4	Vinyl chloride	19.3		1.0	0.17
1330-20-7	Xylenes, Total	36.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-926520/3

Matrix: Water Lab File ID: V42064.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 20:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926520 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42064.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2023 20:25:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164661-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:39:18 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 14-Aug-2023 23:13:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.174	-0.011	71	3354	20.0	16.9	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	90	11543	20.0	9.30	
4 1,1-Difluoroethane	65	1.254	1.265	-0.011	86	35394	20.0	16.0	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	98	80039	20.0	16.5	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	10429	20.0	16.9	
6 Chloromethane	50	1.403	1.414	-0.011	99	112029	20.0	21.1	
7 Vinyl chloride	62	1.448	1.460	-0.012	97	113713	20.0	19.3	
8 Butadiene	54	1.471	1.471	0.000	98	117466	20.0	20.7	
9 Bromomethane	94	1.665	1.677	-0.012	99	40478	20.0	20.3	
10 Chloroethane	64	1.723	1.734	-0.011	98	76710	20.0	23.8	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	140976	20.0	21.0	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	99	92045	20.0	17.6	
13 Pentane	72	1.883	1.894	-0.011	98	29877	40.0	38.2	
17 Ethanol	46	1.997	1.997	0.000	98	23492	800.0	994.5	
14 Ethyl ether	74	2.031	2.031	0.000	96	50800	20.0	17.8	
15 2-Methyl-1,3-butadiene	53	2.043	2.054	-0.011	92	77141	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.066	-0.012	95	54179	20.0	16.1	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	111011	20.0	17.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	66871	20.0	17.1	
52 Acrolein	56	2.157	2.168	-0.011	96	27509	40.0	33.4	
20 1,1-Dichloroethene	96	2.191	2.203	-0.012	97	67099	20.0	16.5	
23 Acetone	43	2.248	2.260	-0.012	89	127557	100.0	73.0	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	57520	200.0	234.0	
21 Iodomethane	142	2.317	2.317	0.000	96	37929	20.0	11.8	
22 Carbon disulfide	76	2.340	2.351	-0.011	99	228531	20.0	15.9	
30 Methyl acetate	43	2.431	2.443	-0.012	99	147745	40.0	43.8	
26 3-Chloro-1-propene	76	2.431	2.443	-0.012	96	54593	20.0	16.8	
25 Cyclopentene	67	2.454	2.466	-0.012	95	187524	20.0	18.4	
27 Acetonitrile	41	2.477	2.488	-0.011	99	121860	200.0	179.3	
* 28 TBA-d9 (IS)	66	2.511	2.523	-0.012	100	30309	1000.0	1000.0	
29 Methylene Chloride	84	2.534	2.546	-0.012	96	79071	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	82814	200.0	214.7	a
32 Methyl tert-butyl ether	73	2.648	2.660	-0.012	99	229878	20.0	18.0	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	96	76571	20.0	16.4	
35 Acrylonitrile	53	2.740	2.740	0.000	95	415000	200.0	218.6	
40 Vinyl acetate	86	2.808	2.820	-0.012	67	19178	40.0	15.3	
36 Hexane	57	2.808	2.820	-0.012	95	116297	20.0	19.6	
37 Isopropyl ether	45	2.968	2.980	-0.012	99	301049	20.0	23.6	
38 1,1-Dichloroethane	63	3.014	3.026	-0.012	98	154612	20.0	19.5	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	73045	20.0	16.6	
41 Tert-butyl ethyl ether	59	3.243	3.254	-0.011	90	247728	20.0	19.5	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	285520	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.449	-0.012	96	26076	20.0	17.1	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	47	84788	20.0	16.7	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	56963	100.0	64.4	
47 Ethyl acetate	70	3.471	3.483	-0.012	92	20583	40.0	26.9	
46 Methyl acrylate	55	3.528	3.529	-0.001	99	73700	20.0	19.0	
48 Propionitrile	54	3.586	3.597	-0.011	99	153741	200.0	216.1	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	33824	20.0	16.7	
50 Tetrahydrofuran	72	3.677	3.677	0.000	75	23924	40.0	34.9	
54 Methacrylonitrile	67	3.677	3.689	-0.012	93	435511	200.0	195.9	
51 Chloroform	83	3.723	3.723	0.000	99	123911	20.0	17.8	
53 Cyclohexane	84	3.837	3.849	-0.012	94	121876	20.0	16.7	
55 1,1,1-Trichloroethane	97	3.849	3.849	-0.001	99	94729	20.0	17.7	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	97	93996	50.0	45.1	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	72969	20.0	18.4	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	110043	20.0	17.9	
61 Isobutyl alcohol	43	4.111	4.123	-0.012	93	151709	500.0	619.8	
64 Isooctane	57	4.146	4.146	0.000	99	236316	20.0	21.2	
59 Benzene	78	4.180	4.180	0.000	97	355518	20.0	19.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.203	-0.012	93	107121	50.0	51.7	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	69802	20.0	17.3	
62 Tert-amyl methyl ether	73	4.226	4.237	-0.011	91	240842	20.0	17.9	
63 1,2-Dichloroethane	62	4.260	4.271	-0.011	94	86505	20.0	18.9	
65 n-Heptane	57	4.317	4.329	-0.012	95	48135	20.0	18.7	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	429561	50.0	50.0	
70 n-Butanol	56	4.786	4.797	-0.011	92	45074	500.0	537.7	
69 Trichloroethene	95	4.809	4.809	0.000	98	75650	20.0	16.2	
72 Methylcyclohexane	83	4.923	4.923	0.000	78	129803	20.0	17.3	
71 Ethyl acrylate	99	4.923	4.934	-0.011	95	10847	20.0	15.7	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	91631	20.0	19.8	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	25085	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	95	42699	40.0	31.2	
78 1,4-Dioxane	88	5.220	5.220	0.000	29	21910	400.0	388.0	
75 Dibromomethane	93	5.231	5.232	-0.001	49	43977	20.0	17.0	
77 n-Propyl acetate	43	5.231	5.232	-0.001	98	140946	20.0	23.1	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	91156	20.0	18.2	
34 2-Nitropropane	41	5.723	5.723	0.000	98	39497	40.0	56.7	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	98	56617	20.0	18.8	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	218652	400.0	293.7	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	93	134811	20.0	20.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.066	6.077	-0.011	97	465021	100.0	82.9	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	462443	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.237	6.249	-0.012	94	349814	20.0	18.4	
85 trans-1,3-Dichloropropene	75	6.637	6.649	-0.012	97	114871	20.0	20.8	
86 Ethyl methacrylate	69	6.672	6.672	0.000	91	103956	20.0	21.1	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	64281	20.0	20.2	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	61852	20.0	18.8	
89 1,3-Dichloropropane	76	7.095	7.106	-0.011	94	131041	20.0	20.2	
91 2-Hexanone	43	7.175	7.175	0.000	98	306527	100.0	82.7	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	140604	20.0	26.0	
90 Chlorodibromomethane	129	7.357	7.357	0.000	98	60953	20.0	21.2	
93 Ethylene Dibromide	107	7.517	7.518	-0.001	97	65630	20.0	18.7	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	88	286409	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	195372	20.0	18.3	
97 Ethylbenzene	106	8.215	8.215	0.000	98	114765	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	95	58335	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	134539	20.0	18.2	
100 o-Xylene	106	8.809	8.798	0.011	94	130545	20.0	18.2	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	60201	20.0	21.2	
101 Styrene	104	8.832	8.843	-0.011	96	219773	20.0	19.4	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	155132	20.0	26.6	
103 Bromoform	173	9.049	9.049	0.000	52	35462	20.0	24.0	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	322428	20.0	18.6	
$ 105 4-Bromofluorobenzene	174	9.380	9.381	-0.001	0	100168	50.0	52.8	
107 Bromobenzene	156	9.495	9.495	0.000	94	69231	20.0	19.9	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	101923	20.0	20.3	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	410666	20.0	19.5	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	24492	20.0	19.1	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	-0.001	87	25687	20.0	21.9	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	260937	20.0	19.1	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	313712	20.0	18.7	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	92	249081	20.0	18.2	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	261631	20.0	20.0	
117 Butyl Methacrylate	87	9.861	9.861	0.000	89	93227	20.0	20.3	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	202184	20.0	18.1	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	253689	20.0	18.6	
120 sec-Butylbenzene	105	10.215	10.215	0.000	99	317974	20.0	18.8	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	252675	20.0	19.5	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	71	127044	20.0	19.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	95	122888	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	129886	20.0	18.9	
123 1,2,3-Trimethylbenzene	105	10.443	10.444	-0.001	99	262056	20.0	19.4	
125 Benzyl chloride	91	10.546	10.546	0.000	98	176807	20.0	21.9	
111 2,3-Dihydroindene	117	10.603	10.604	-0.001	95	254527	20.0	18.2	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	144166	20.0	18.9	
127 n-Butylbenzene	92	10.683	10.684	-0.001	98	132474	20.0	20.7	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	94	119694	20.0	19.0	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	158762	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.369	-0.011	96	15318	20.0	19.5	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	97	69476	20.0	20.8	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	95	58555	20.0	20.8	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	92	21537	20.0	20.3	
134 Naphthalene	128	12.124	12.124	0.000	99	156948	20.0	15.1	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	52900	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	33.0	
S 137 Xylenes, Total	100				0		40.0	36.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.0	
S 139 Total BTEX	1				0		100.0	93.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00174	Amount Added:	20.00	Units: uL	
524FREONS_00005	Amount Added:	20.00	Units: uL	
ACROLEIN W_00157	Amount Added:	4.00	Units: uL	
GASES Li_00542	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00239	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-Aug-2023 09:40:20 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42064.D

Injection Date: 14-Aug-2023 20:25:30 Instrument ID: CVOAMS7

Lims ID: LCS

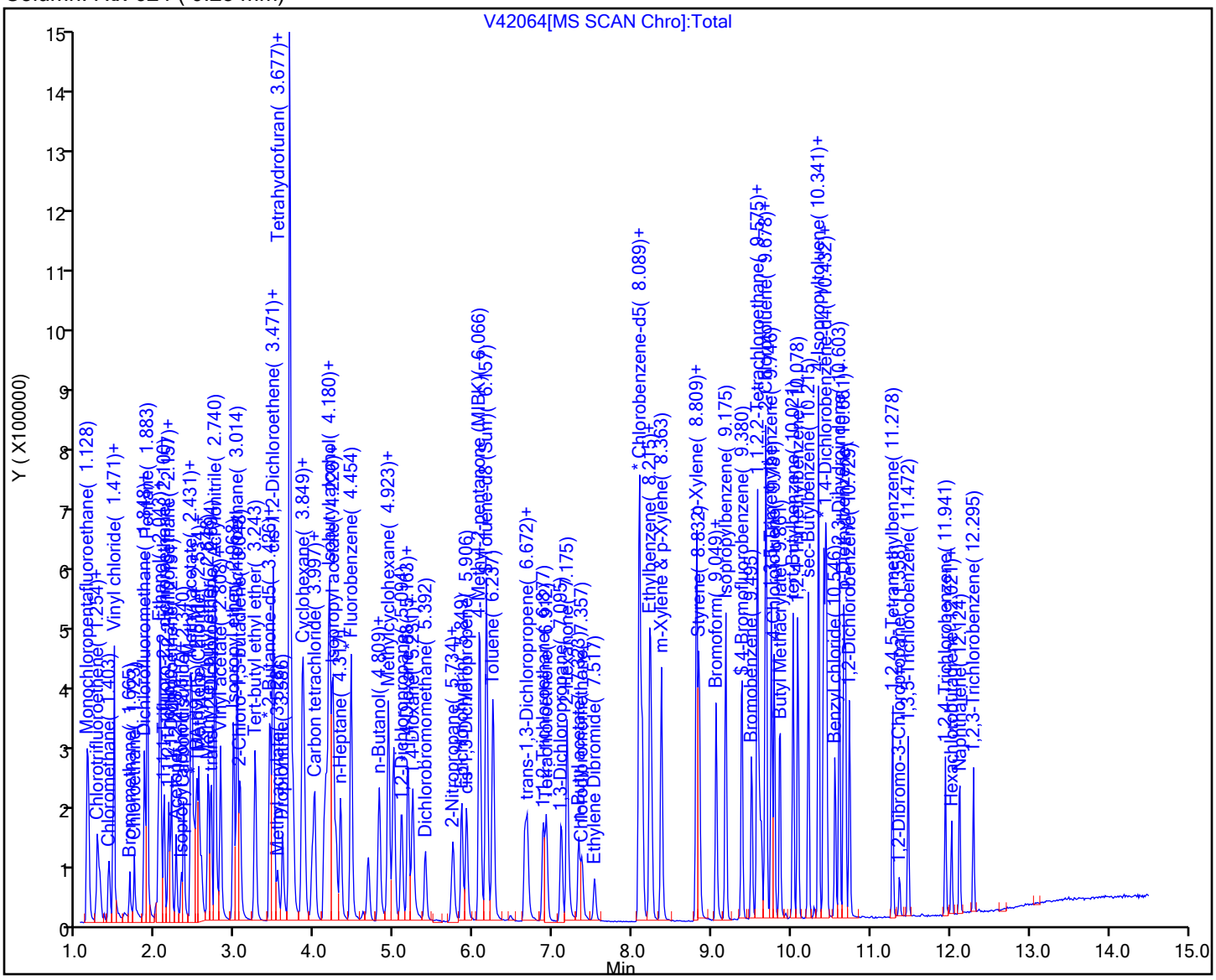
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42064.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 14-Aug-2023 20:25:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164661-003
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:39:18 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: HVW2 Date: 14-Aug-2023 23:13:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	45.1	90.12
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.41
$ 82 Toluene-d8 (Surr)	50.0	48.1	96.13
$ 105 4-Bromofluorobenzene	50.0	52.8	105.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-926740/4

Matrix: Water | Lab File ID: V42133.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 21:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926740 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	15.9		1.0	0.26
107-06-2	1,2-Dichloroethane	20.0		1.0	0.43
78-87-5	1,2-Dichloropropane	20.1		1.0	0.35
591-78-6	2-Hexanone	87.6		5.0	1.1
67-64-1	Acetone	79.0		5.0	4.4
71-43-2	Benzene	18.5		1.0	0.20
75-27-4	Bromodichloromethane	19.3		1.0	0.34
75-25-2	Bromoform	25.0		1.0	0.54
74-83-9	Bromomethane	19.2		1.0	0.55
75-15-0	Carbon disulfide	14.2		1.0	0.82
56-23-5	Carbon tetrachloride	17.7		1.0	0.21
108-90-7	Chlorobenzene	17.9		1.0	0.38
75-00-3	Chloroethane	24.7		1.0	0.32
67-66-3	Chloroform	18.1		1.0	0.33
74-87-3	Chloromethane	20.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	20.7		1.0	0.28
100-41-4	Ethylbenzene	17.7		1.0	0.30
78-93-3	Methyl Ethyl Ketone	67.5		5.0	1.9
108-10-1	methyl isobutyl ketone	88.1		5.0	1.3
75-09-2	Methylene Chloride	17.0		1.0	0.32
100-42-5	Styrene	18.7		1.0	0.42
127-18-4	Tetrachloroethene	17.6		1.0	0.25
108-88-3	Toluene	17.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	15.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.22
79-01-6	Trichloroethene	16.3		1.0	0.31
75-01-4	Vinyl chloride	18.8		1.0	0.17
1330-20-7	Xylenes, Total	36.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-926740/4

Matrix: Water Lab File ID: V42133.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/15/2023 21:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926740 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42133.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 15-Aug-2023 21:00:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164717-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 23:58:33 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: HVW2 Date: 15-Aug-2023 23:58:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.197	-0.023	71	2370	20.0	10.7	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	86	12740	20.0	9.22	
4 1,1-Difluoroethane	65	1.266	1.254	0.012	72	37611	20.0	15.2	
5 Dichlorodifluoromethane	85	1.266	1.265	0.001	99	89409	20.0	16.6	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	11017	20.0	16.0	
6 Chloromethane	50	1.403	1.403	0.000	99	120786	20.0	20.4	
7 Vinyl chloride	62	1.460	1.448	0.012	98	123603	20.0	18.8	
8 Butadiene	54	1.471	1.471	0.000	99	127041	20.0	20.2	
9 Bromomethane	94	1.666	1.665	0.001	99	42616	20.0	19.2	
10 Chloroethane	64	1.723	1.723	0.000	99	88847	20.0	24.7	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	157458	20.0	21.0	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	98	98081	20.0	16.8	
13 Pentane	72	1.894	1.883	0.011	97	31710	40.0	36.4	
17 Ethanol	46	1.997	1.997	0.000	100	23121	800.0	823.5	
14 Ethyl ether	74	2.031	2.031	0.000	95	59331	20.0	18.6	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	96	83422	20.0	19.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.054	0.012	95	58855	20.0	15.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	121539	20.0	16.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	70500	20.0	16.2	
52 Acrolein	56	2.168	2.168	0.000	93	32241	40.0	35.2	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	72000	20.0	15.9	
23 Acetone	43	2.248	2.248	0.000	88	154969	100.0	79.0	
24 Isopropyl alcohol	45	2.317	2.317	0.000	98	64947	200.0	222.3	
21 Iodomethane	142	2.317	2.317	0.000	96	42500	20.0	11.9	
22 Carbon disulfide	76	2.351	2.351	0.000	99	226493	20.0	14.2	
30 Methyl acetate	43	2.443	2.431	0.012	99	175130	40.0	46.7	
26 3-Chloro-1-propene	76	2.431	2.431	0.000	94	58429	20.0	16.2	
25 Cyclopentene	67	2.454	2.454	0.000	93	194520	20.0	17.2	
27 Acetonitrile	41	2.431	2.477	-0.046	75	181018	200.0	237.1	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	36025	1000.0	1000.0	
29 Methylene Chloride	84	2.534	2.534	0.000	96	89418	20.0	17.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.569	2.568	0.001	99	98925	200.0	215.8	
32 Methyl tert-butyl ether	73	2.660	2.648	0.012	98	263702	20.0	18.6	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	96	81022	20.0	15.6	
35 Acrylonitrile	53	2.740	2.740	0.000	96	483223	200.0	228.7	
36 Hexane	57	2.809	2.808	0.001	93	118531	20.0	18.0	
37 Isopropyl ether	45	2.980	2.968	0.012	100	343047	20.0	24.1	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	61	173648	20.0	19.7	
40 Vinyl acetate	86	3.026	3.014	0.012	100	42283	40.0	30.1	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	80182	20.0	16.4	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	88	291182	20.0	20.6	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	320717	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.437	0.012	96	27899	20.0	16.4	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	91	95712	20.0	16.9	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	67052	100.0	67.5	
47 Ethyl acetate	70	3.471	3.471	0.000	94	23860	40.0	27.8	
46 Methyl acrylate	55	3.529	3.528	0.001	99	94731	20.0	22.0	
48 Propionitrile	54	3.597	3.586	0.011	99	181112	200.0	228.7	
50 Tetrahydrofuran	72	3.677	3.677	0.000	79	26305	40.0	34.4	
54 Methacrylonitrile	67	3.689	3.677	0.012	93	514127	200.0	207.8	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	38155	20.0	17.0	
51 Chloroform	83	3.723	3.723	0.000	98	140092	20.0	18.1	
53 Cyclohexane	84	3.837	3.837	0.000	94	130617	20.0	16.1	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	98	105431	20.0	17.7	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	96	105373	50.0	45.4	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	78098	20.0	17.7	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	120732	20.0	17.7	
61 Isobutyl alcohol	43	4.112	4.111	0.001	94	176025	500.0	605.1	
64 Isooctane	57	4.146	4.146	0.000	98	258924	20.0	20.8	
59 Benzene	78	4.180	4.180	0.000	97	394126	20.0	18.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	91	118474	50.0	51.4	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	79969	20.0	17.8	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	91	280552	20.0	18.7	
63 1,2-Dichloroethane	62	4.272	4.271	0.001	95	101687	20.0	20.0	
65 n-Heptane	57	4.329	4.317	0.012	94	54036	20.0	18.8	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	478157	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	91	58757	500.0	589.7	
69 Trichloroethene	95	4.809	4.809	0.000	97	84627	20.0	16.3	a
71 Ethyl acrylate	99	4.923	4.923	0.000	94	12974	20.0	16.9	a
72 Methylcyclohexane	83	4.923	4.923	0.000	77	139398	20.0	16.7	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	93	103244	20.0	20.1	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	25716	1000.0	1000.0	
74 Methyl methacrylate	100	5.175	5.174	0.000	94	51317	40.0	33.7	
78 1,4-Dioxane	88	5.220	5.220	0.000	29	25450	400.0	439.7	
75 Dibromomethane	93	5.232	5.232	0.000	45	49663	20.0	17.2	
77 n-Propyl acetate	43	5.232	5.232	0.000	99	169656	20.0	25.0	
76 Dichlorobromomethane	83	5.392	5.392	0.000	98	107422	20.0	19.3	
34 2-Nitropropane	41	5.723	5.723	0.000	87	46651	40.0	60.2	
79 2-Chloroethyl vinyl ether	63	5.735	5.746	-0.011	96	68359	20.0	20.4	
80 Epichlorohydrin	57	5.849	5.849	0.000	98	256973	400.0	307.3	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	92	157893	20.0	20.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.066	0.011	97	554627	100.0	88.1	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	100	538638	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.237	6.237	0.000	93	382324	20.0	17.4	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	98	134136	20.0	21.0	
86 Ethyl methacrylate	69	6.672	6.672	0.000	90	125593	20.0	22.1	
87 1,1,2-Trichloroethane	83	6.878	6.877	0.001	97	74007	20.0	20.1	
88 Tetrachloroethene	166	6.912	6.912	0.000	93	66837	20.0	17.6	
89 1,3-Dichloropropane	76	7.106	7.095	0.011	95	148340	20.0	19.9	
91 2-Hexanone	43	7.175	7.175	0.000	97	364719	100.0	87.6	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	177278	20.0	28.4	
90 Chlorodibromomethane	129	7.358	7.357	0.001	98	68480	20.0	20.7	
93 Ethylene Dibromide	107	7.518	7.517	0.001	99	75125	20.0	18.5	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	86	330371	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	219843	20.0	17.9	
97 Ethylbenzene	106	8.215	8.215	0.000	98	122421	20.0	17.7	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	64058	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	96	151563	20.0	17.7	
100 o-Xylene	106	8.798	8.798	0.000	94	153781	20.0	18.6	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	72175	20.0	22.1	
101 Styrene	104	8.843	8.832	0.011	97	244234	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	185546	20.0	27.9	
103 Bromoform	173	9.049	9.049	0.000	51	42585	20.0	25.0	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	364001	20.0	18.2	
$ 105 4-Bromofluorobenzene	174	9.381	9.380	0.001	0	116035	50.0	53.1	
107 Bromobenzene	156	9.495	9.506	-0.011	93	74588	20.0	18.8	
108 1,1,2,2-Tetrachloroethane	83	9.564	9.563	0.001	99	119157	20.0	20.8	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	458530	20.0	19.1	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	97	27447	20.0	18.7	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	89	29642	20.0	22.2	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	294027	20.0	18.9	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	343467	20.0	17.9	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	281032	20.0	18.0	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	276689	20.0	18.5	
117 Butyl Methacrylate	87	9.861	9.861	0.000	90	109525	20.0	20.9	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	229190	20.0	18.0	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	284976	20.0	18.3	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	364158	20.0	18.9	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	274369	20.0	18.6	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	72	145153	20.0	19.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	140136	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	94	145799	20.0	18.6	
123 1,2,3-Trimethylbenzene	105	10.444	10.443	0.001	99	295711	20.0	19.2	
125 Benzyl chloride	91	10.546	10.546	0.000	98	207745	20.0	22.5	
111 2,3-Dihydroindene	117	10.604	10.603	0.001	95	293922	20.0	18.5	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	160463	20.0	18.4	
127 n-Butylbenzene	92	10.684	10.683	0.001	98	148937	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	137985	20.0	19.2	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	98	172473	20.0	18.6	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.358	0.000	94	17069	20.0	19.1	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	77271	20.0	20.3	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	92	67675	20.0	21.1	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	93	25431	20.0	21.0	
134 Naphthalene	128	12.124	12.124	0.000	99	182509	20.0	15.4	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	62739	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	32.5	
S 137 Xylenes, Total	100				0		40.0	36.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.6	
S 139 Total BTEX	1				0		100.0	90.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 23:58:33 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42133.D

Injection Date: 15-Aug-2023 21:00:30 Instrument ID: CVOAMS7

Lims ID: LCS

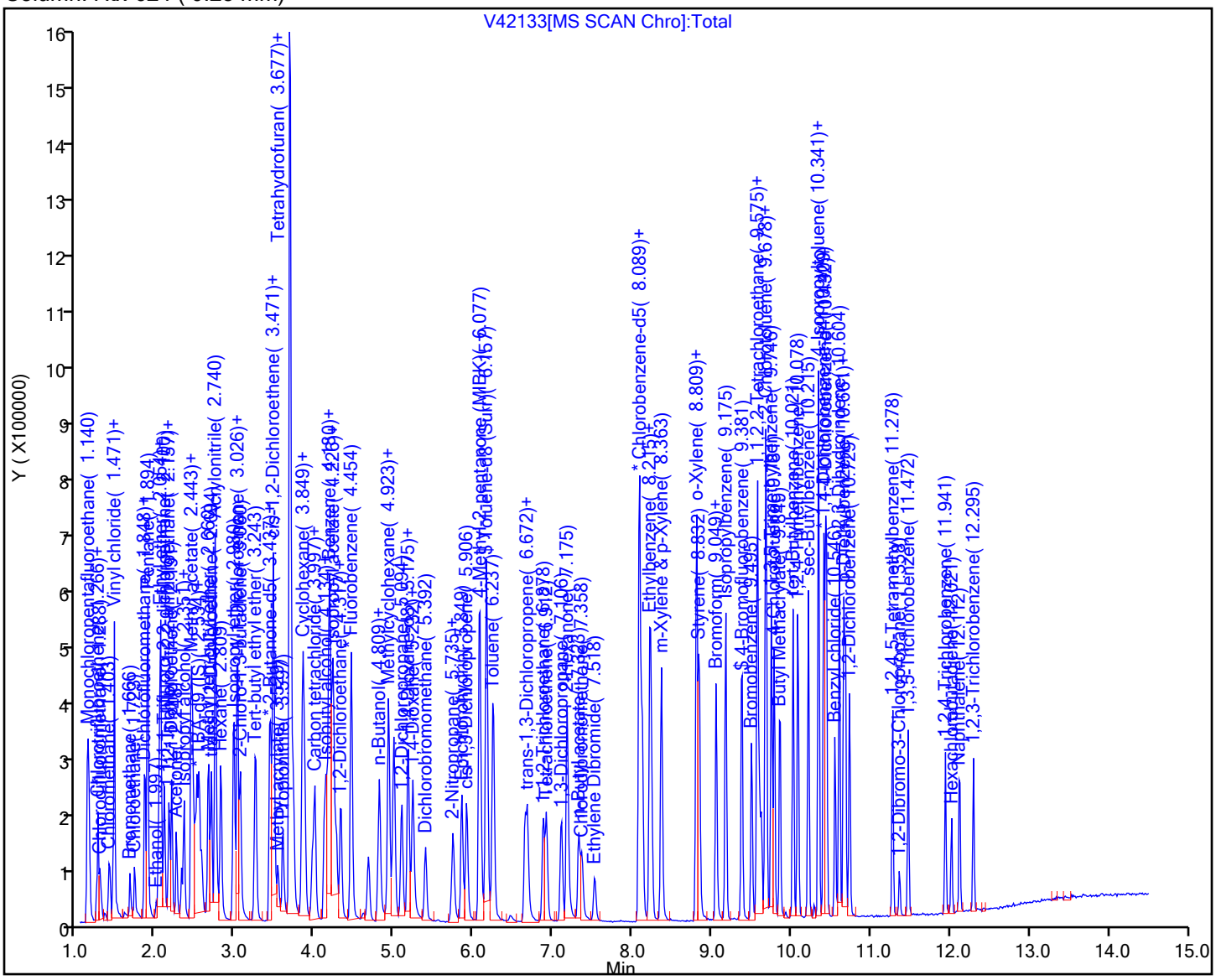
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42133.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 15-Aug-2023 21:00:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0164717-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 23:58:33 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: HVW2 Date: 15-Aug-2023 23:58:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	45.4	90.76
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.4	102.75
$ 82 Toluene-d8 (Surr)	50.0	48.5	97.07
$ 105 4-Bromofluorobenzene	50.0	53.1	106.10

Eurofins Edison

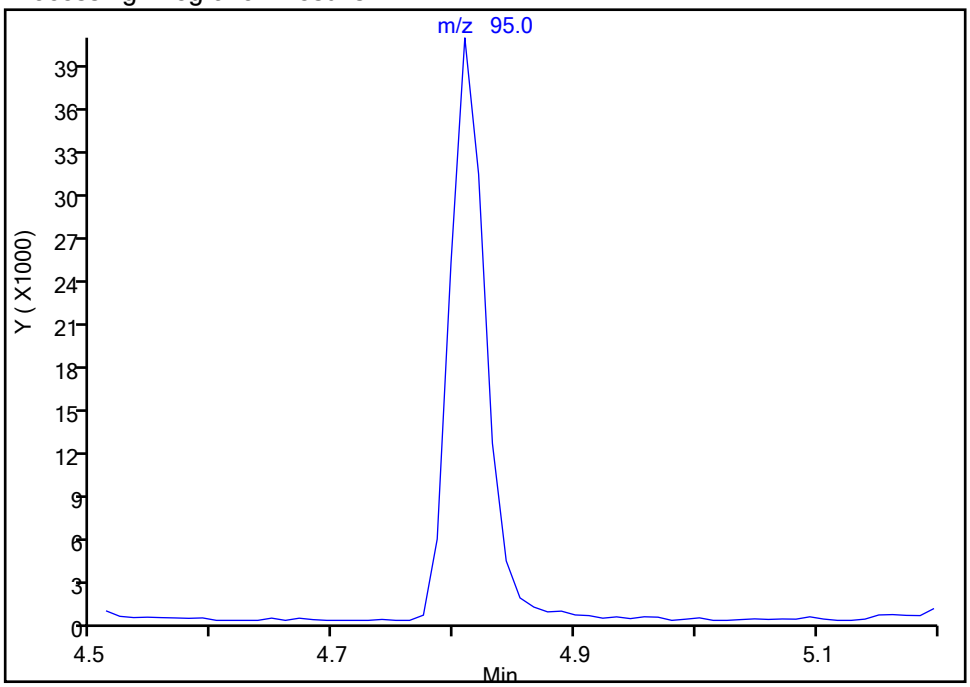
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42133.D
Injection Date: 15-Aug-2023 21:00:30 Instrument ID: CVOAMS7
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

69 Trichloroethene, CAS: 79-01-6

Signal: 1

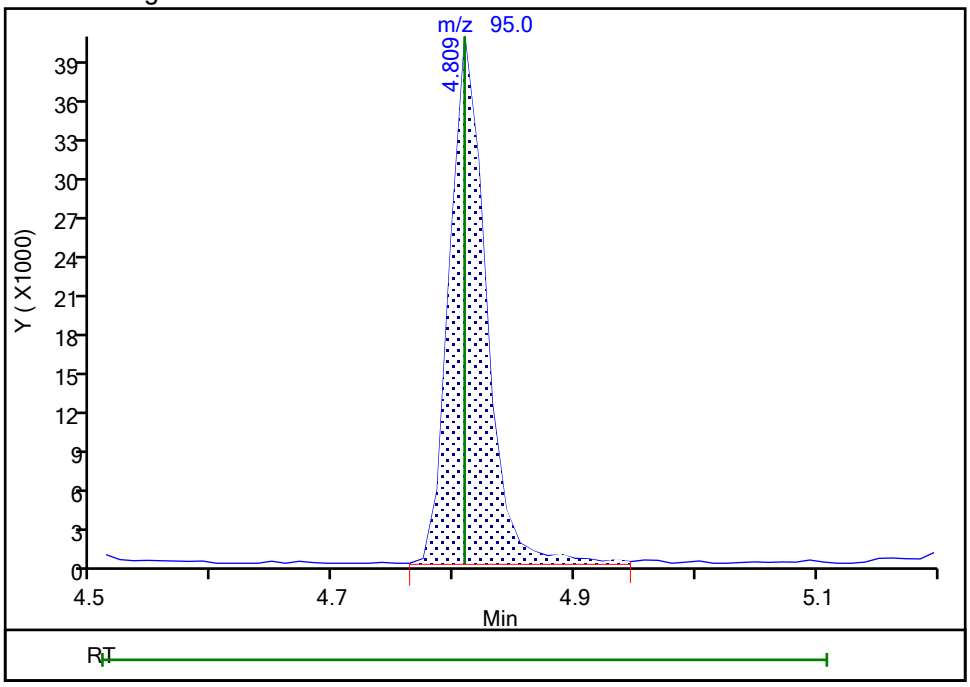
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 84627
Amount: 16.320301
Amount Units: ug/l



Reviewer: HVW2, 15-Aug-2023 23:58:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-926520/5

Matrix: Water | Lab File ID: V42066.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 21:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926520 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.0		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.20
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	16.9		1.0	0.26
107-06-2	1,2-Dichloroethane	19.8		1.0	0.43
78-87-5	1,2-Dichloropropane	20.9		1.0	0.35
591-78-6	2-Hexanone	89.2		5.0	1.1
67-64-1	Acetone	79.5		5.0	4.4
71-43-2	Benzene	20.1		1.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.34
75-25-2	Bromoform	24.2		1.0	0.54
74-83-9	Bromomethane	21.3		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.4		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
75-00-3	Chloroethane	24.6		1.0	0.32
67-66-3	Chloroform	18.5		1.0	0.33
74-87-3	Chloromethane	22.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
124-48-1	Dibromochloromethane	21.2		1.0	0.28
100-41-4	Ethylbenzene	19.4		1.0	0.30
78-93-3	Methyl Ethyl Ketone	67.5		5.0	1.9
108-10-1	methyl isobutyl ketone	88.9		5.0	1.3
75-09-2	Methylene Chloride	17.4		1.0	0.32
100-42-5	Styrene	20.1		1.0	0.42
127-18-4	Tetrachloroethene	19.1		1.0	0.25
108-88-3	Toluene	19.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.8		1.0	0.22
79-01-6	Trichloroethene	16.8		1.0	0.31
75-01-4	Vinyl chloride	20.8		1.0	0.17
1330-20-7	Xylenes, Total	38.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-926520/5

Matrix: Water Lab File ID: V42066.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926520 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42066.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2023 21:07:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0164661-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:41:34 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:41:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	66	2650	20.0	13.2	a
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	92	12722	20.0	10.2	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	70	37197	20.0	16.6	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	87771	20.0	17.9	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	10675	20.0	17.1	
6 Chloromethane	50	1.403	1.403	0.000	99	121686	20.0	22.7	
7 Vinyl chloride	62	1.460	1.460	0.000	98	124239	20.0	20.8	
8 Butadiene	54	1.471	1.471	0.000	98	125396	20.0	21.9	
9 Bromomethane	94	1.665	1.665	0.000	99	42961	20.0	21.3	
10 Chloroethane	64	1.734	1.734	0.000	99	79998	20.0	24.6	
11 Dichlorofluoromethane	67	1.848	1.848	0.000	99	145624	20.0	21.5	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	97	96773	20.0	18.3	
13 Pentane	72	1.894	1.894	0.000	97	31037	40.0	39.3	
17 Ethanol	46	1.997	1.997	0.000	99	23247	800.0	1003.1	
14 Ethyl ether	74	2.031	2.031	0.000	94	54410	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	2.054	2.054	0.000	96	79361	20.0	20.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.066	0.000	96	52153	20.0	15.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	115267	20.0	17.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	92	66389	20.0	16.8	
52 Acrolein	56	2.168	2.168	0.000	95	32779	40.0	39.5	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	69760	20.0	16.9	
23 Acetone	43	2.248	2.248	0.000	88	135355	100.0	79.5	
24 Isopropyl alcohol	45	2.317	2.317	0.000	99	58597	200.0	243.0	
21 Iodomethane	142	2.317	2.317	0.000	95	40194	20.0	12.4	
22 Carbon disulfide	76	2.351	2.351	0.000	99	237579	20.0	16.4	
30 Methyl acetate	43	2.443	2.443	0.000	99	156070	40.0	45.9	
26 3-Chloro-1-propene	76	2.443	2.443	0.000	95	56184	20.0	17.2	
25 Cyclopentene	67	2.454	2.454	0.000	93	192512	20.0	18.7	
27 Acetonitrile	41	2.488	2.488	0.000	97	130376	200.0	196.8	a
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	29734	1000.0	1000.0	
29 Methylene Chloride	84	2.546	2.546	0.000	97	82756	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	98	88884	200.0	235.0	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	98	243293	20.0	18.9	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	95	80149	20.0	17.0	
35 Acrylonitrile	53	2.740	2.740	0.000	96	430738	200.0	224.9	
40 Vinyl acetate	86	2.808	2.808	0.000	69	19184	40.0	15.7	
36 Hexane	57	2.820	2.820	0.000	93	118200	20.0	19.8	
37 Isopropyl ether	45	2.980	2.980	0.000	98	307780	20.0	23.9	
38 1,1-Dichloroethane	63	3.026	3.026	0.000	61	160799	20.0	20.1	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	75855	20.0	17.1	
41 Tert-butyl ethyl ether	59	3.254	3.254	0.000	88	266039	20.0	20.7	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	278250	250.0	250.0	
43 2,2-Dichloropropane	97	3.437	3.437	0.000	97	26598	20.0	17.3	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	89	88862	20.0	17.3	
44 2-Butanone (MEK)	72	3.471	3.471	0.000	96	58244	100.0	67.5	
47 Ethyl acetate	70	3.471	3.471	0.000	93	21034	40.0	28.2	
46 Methyl acrylate	55	3.529	3.529	0.000	99	83582	20.0	21.4	
48 Propionitrile	54	3.597	3.597	0.000	100	162071	200.0	225.8	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	34453	20.0	16.9	
50 Tetrahydrofuran	72	3.677	3.677	0.000	74	27003	40.0	39.0	
54 Methacrylonitrile	67	3.689	3.689	0.000	93	457140	200.0	203.8	
51 Chloroform	83	3.723	3.723	0.000	98	130057	20.0	18.5	
53 Cyclohexane	84	3.849	3.849	0.000	94	125054	20.0	17.0	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	97	97233	20.0	18.0	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	95094	50.0	45.2	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	73617	20.0	18.4	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	96	112258	20.0	18.1	
61 Isobutyl alcohol	43	4.111	4.111	0.000	94	156443	500.0	651.5	
64 Isooctane	57	4.146	4.146	0.000	99	237543	20.0	21.1	
59 Benzene	78	4.180	4.180	0.000	97	368508	20.0	20.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.191	4.191	0.000	92	105370	50.0	50.4	
66 Isopropyl acetate	87	4.226	4.226	0.000	95	71864	20.0	17.7	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	93	255360	20.0	18.8	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	98	91418	20.0	19.8	
65 n-Heptane	57	4.329	4.329	0.000	94	49700	20.0	19.1	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	433487	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	92	49462	500.0	601.5	
69 Trichloroethene	95	4.809	4.809	0.000	97	78785	20.0	16.8	a
72 Methylcyclohexane	83	4.923	4.923	0.000	79	131894	20.0	17.4	
71 Ethyl acrylate	99	4.923	4.923	0.000	94	11435	20.0	16.4	a
73 1,2-Dichloropropane	63	5.094	5.094	0.000	94	97420	20.0	20.9	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	25239	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.174	0.000	95	46148	40.0	33.4	
78 1,4-Dioxane	88	5.220	5.220	0.000	30	22677	400.0	399.2	
75 Dibromomethane	93	5.232	5.232	0.000	47	44809	20.0	17.1	
77 n-Propyl acetate	43	5.232	5.232	0.000	99	148788	20.0	24.2	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	94979	20.0	18.8	
34 2-Nitropropane	41	5.723	5.723	0.000	98	42131	40.0	59.9	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	99	59029	20.0	19.4	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	227793	400.0	314.0	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	91	142141	20.0	21.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.077	0.000	97	486000	100.0	88.9	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	483579	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.249	6.249	0.000	93	363331	20.0	19.2	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	98	120006	20.0	21.8	
86 Ethyl methacrylate	69	6.672	6.672	0.000	92	109627	20.0	22.3	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	97	68537	20.0	21.6	
88 Tetrachloroethene	166	6.912	6.912	0.000	94	62552	20.0	19.1	
89 1,3-Dichloropropane	76	7.106	7.106	0.000	94	134830	20.0	20.9	
91 2-Hexanone	43	7.175	7.175	0.000	97	322278	100.0	89.2	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	151045	20.0	28.0	
90 Chlorodibromomethane	129	7.369	7.369	0.000	98	60480	20.0	21.2	
93 Ethylene Dibromide	107	7.517	7.517	0.000	98	67162	20.0	19.2	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	88	284989	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	92	203328	20.0	19.2	
97 Ethylbenzene	106	8.215	8.215	0.000	98	115471	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	59390	20.0	21.0	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	142828	20.0	19.4	
100 o-Xylene	106	8.798	8.798	0.000	93	135967	20.0	19.0	
99 n-Butyl acrylate	73	8.809	8.809	0.000	98	65434	20.0	23.2	
101 Styrene	104	8.843	8.843	0.000	96	226243	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	164407	20.0	29.0	
103 Bromoform	173	9.061	9.061	0.000	57	35630	20.0	24.2	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	334490	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	103266	50.0	54.7	
107 Bromobenzene	156	9.495	9.495	0.000	94	69380	20.0	20.5	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	106003	20.0	21.7	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	413815	20.0	20.2	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	25416	20.0	20.4	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	87	28411	20.0	25.0	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	266530	20.0	20.1	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	325347	20.0	19.9	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	257363	20.0	19.3	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	259367	20.0	20.4	
117 Butyl Methacrylate	87	9.861	9.861	0.000	90	93157	20.0	20.9	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	208286	20.0	19.2	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	259839	20.0	19.6	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	330901	20.0	20.2	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	254101	20.0	20.2	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	73	132725	20.0	20.5	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	97	119344	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	134080	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.444	10.444	0.000	99	271354	20.0	20.7	
125 Benzyl chloride	91	10.546	10.546	0.000	98	179630	20.0	22.9	
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	263066	20.0	19.4	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	149357	20.0	20.1	
127 n-Butylbenzene	92	10.684	10.684	0.000	97	133587	20.0	21.5	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	123081	20.0	20.2	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	161763	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.358	0.000	93	14244	20.0	18.7	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	95	70578	20.0	21.8	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	61709	20.0	22.6	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	92	22292	20.0	21.6	
134 Naphthalene	128	12.124	12.124	0.000	99	164857	20.0	16.3	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	56215	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	34.3	
S 137 Xylenes, Total	100				0		40.0	38.4	
S 138 1,3-Dichloropropene, Total	1				0		40.0	43.3	
S 139 Total BTEX	1				0		100.0	97.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 09:41:35 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42066.D

Injection Date: 14-Aug-2023 21:07:30 Instrument ID: CVOAMS7

Lims ID: LCSD

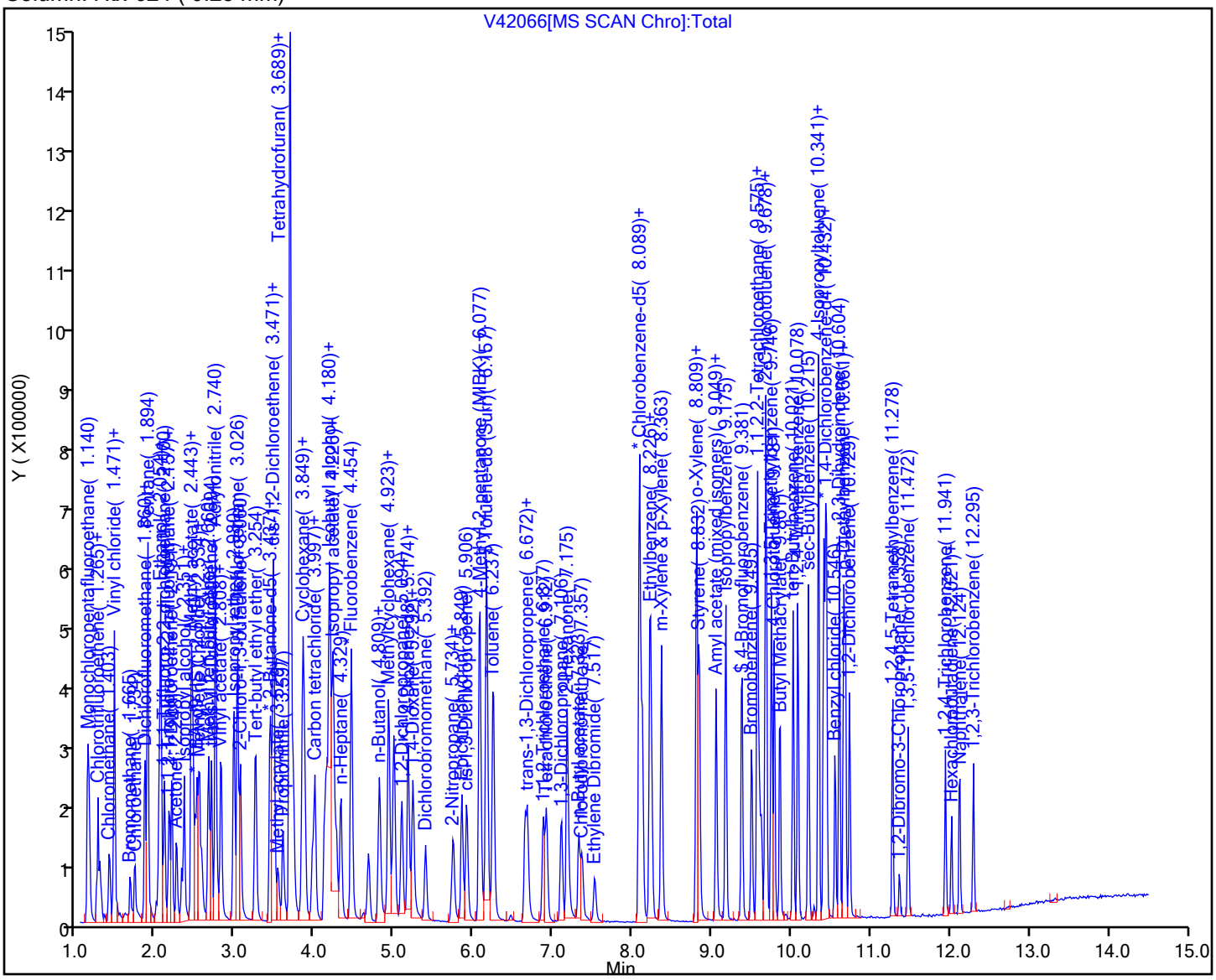
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42066.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 14-Aug-2023 21:07:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0164661-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 09:41:34 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1672

First Level Reviewer: K0HS Date: 15-Aug-2023 09:41:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	45.2	90.35
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.80
$ 82 Toluene-d8 (Surr)	50.0	50.5	101.02
$ 105 4-Bromofluorobenzene	50.0	54.7	109.46

Manual Integration/User Assign Peak Report

Eurofins Edison

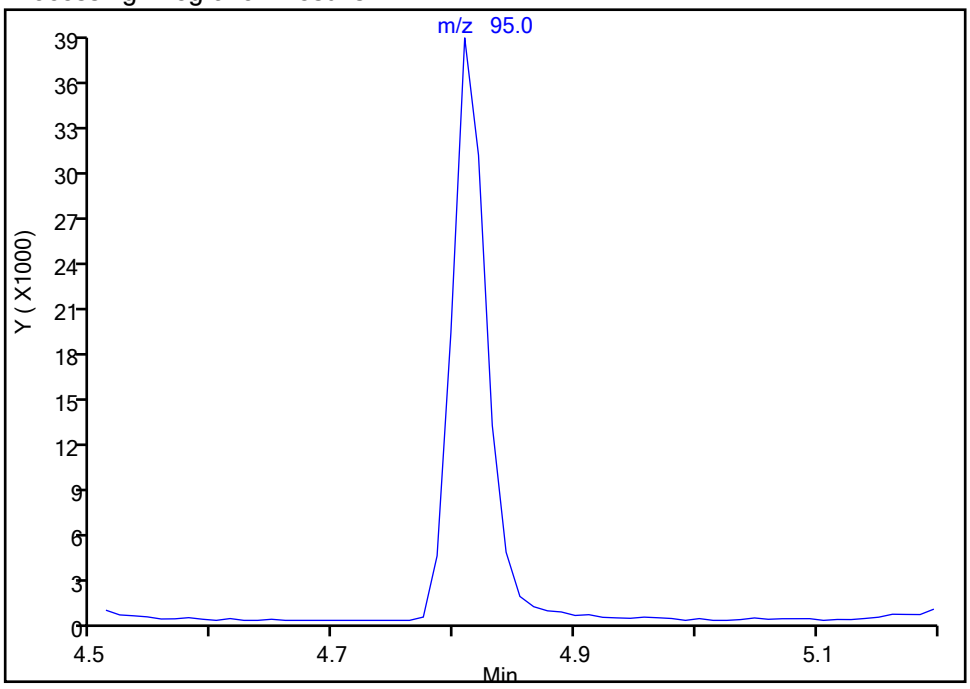
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164661.b\V42066.D
Injection Date: 14-Aug-2023 21:07:30 Instrument ID: CVOAMS7
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

69 Trichloroethene, CAS: 79-01-6

Signal: 1

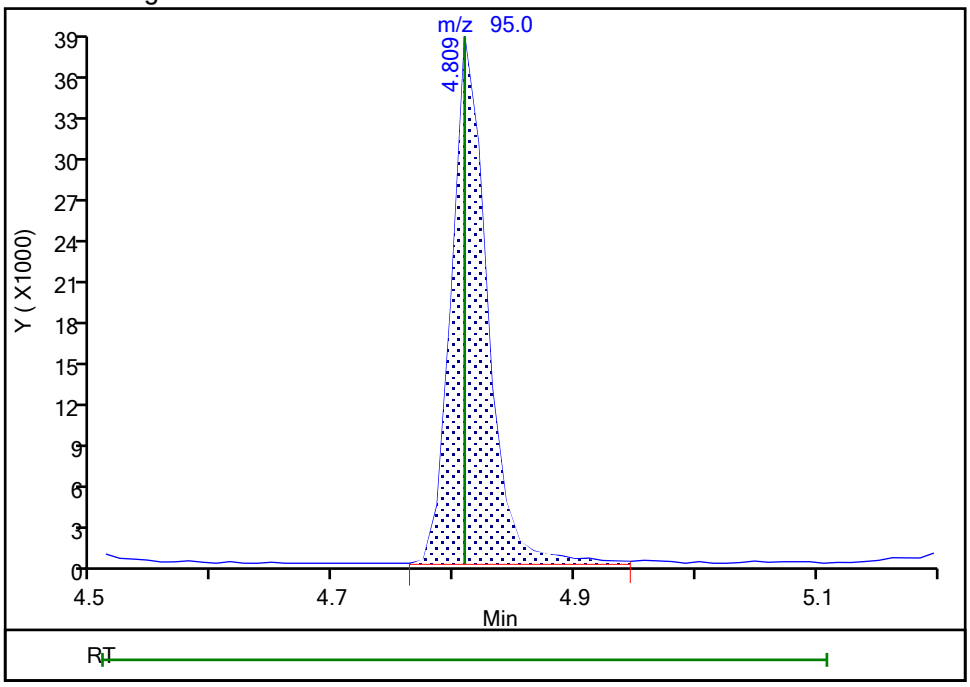
Not Detected
Expected RT: 4.81

Processing Integration Results



Manual Integration Results

RT: 4.81
Area: 78785
Amount: 16.759351
Amount Units: ug/l



Reviewer: K0HS, 15-Aug-2023 09:41:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-926740/5

Matrix: Water | Lab File ID: V42134.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/15/2023 21:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926740 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.20
75-34-3	1,1-Dichloroethane	19.0		1.0	0.26
75-35-4	1,1-Dichloroethene	16.3		1.0	0.26
107-06-2	1,2-Dichloroethane	19.6		1.0	0.43
78-87-5	1,2-Dichloropropane	19.9		1.0	0.35
591-78-6	2-Hexanone	89.0		5.0	1.1
67-64-1	Acetone	79.0		5.0	4.4
71-43-2	Benzene	19.0		1.0	0.20
75-27-4	Bromodichloromethane	18.0		1.0	0.34
75-25-2	Bromoform	23.9		1.0	0.54
74-83-9	Bromomethane	18.8		1.0	0.55
75-15-0	Carbon disulfide	14.3		1.0	0.82
56-23-5	Carbon tetrachloride	17.9		1.0	0.21
108-90-7	Chlorobenzene	18.2		1.0	0.38
75-00-3	Chloroethane	23.7		1.0	0.32
67-66-3	Chloroform	17.4		1.0	0.33
74-87-3	Chloromethane	19.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	16.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	19.9		1.0	0.28
100-41-4	Ethylbenzene	17.7		1.0	0.30
78-93-3	Methyl Ethyl Ketone	69.2		5.0	1.9
108-10-1	methyl isobutyl ketone	90.5		5.0	1.3
75-09-2	Methylene Chloride	16.6		1.0	0.32
100-42-5	Styrene	19.0		1.0	0.42
127-18-4	Tetrachloroethene	17.6		1.0	0.25
108-88-3	Toluene	17.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	15.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.22
79-01-6	Trichloroethene	16.2		1.0	0.31
75-01-4	Vinyl chloride	18.7		1.0	0.17
1330-20-7	Xylenes, Total	35.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-926740/5

Matrix: Water Lab File ID: V42134.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 08/15/2023 21:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926740 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42134.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 15-Aug-2023 21:21:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0164717-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 23:59:41 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: HVW2 Date: 15-Aug-2023 23:59:40

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.174	1.197	-0.023	69	2415	20.0	10.2	
3	Chlorotrifluoroethene	116	1.243	1.243	0.000	89	12333	20.0	8.33	
4	1,1-Difluoroethane	65	1.254	1.254	0.000	90	38835	20.0	14.7	
5	Dichlorodifluoromethane	85	1.266	1.265	0.001	99	95787	20.0	16.6	
2	Chlorodifluoromethane	67	1.288	1.288	0.000	98	11734	20.0	15.9	
6	Chloromethane	50	1.403	1.403	0.000	100	125552	20.0	19.8	
7	Vinyl chloride	62	1.460	1.448	0.012	98	132080	20.0	18.7	
8	Butadiene	54	1.471	1.471	0.000	97	139751	20.0	20.7	
9	Bromomethane	94	1.666	1.665	0.001	99	44763	20.0	18.8	
10	Chloroethane	64	1.723	1.723	0.000	98	91091	20.0	23.7	
11	Dichlorofluoromethane	67	1.849	1.848	0.001	99	167343	20.0	20.9	
12	Trichlorofluoromethane	101	1.860	1.860	0.000	99	108023	20.0	17.3	
13	Pentane	72	1.894	1.883	0.011	98	36366	40.0	38.9	
17	Ethanol	46	1.997	1.997	0.000	99	26363	800.0	954.2	
14	Ethyl ether	74	2.031	2.031	0.000	95	60356	20.0	17.7	
15	2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	95	90780	20.0	20.1	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.054	2.054	0.000	90	67597	20.0	16.9	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	127457	20.0	16.4	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	77208	20.0	16.6	
52	Acrolein	56	2.169	2.168	0.001	92	39577	40.0	40.3	
20	1,1-Dichloroethene	96	2.191	2.191	0.000	98	79398	20.0	16.3	
23	Acetone	43	2.249	2.248	0.001	87	152690	100.0	79.0	
24	Isopropyl alcohol	45	2.317	2.317	0.000	98	66876	200.0	232.6	a
21	Iodomethane	142	2.317	2.317	0.000	95	44204	20.0	11.5	
22	Carbon disulfide	76	2.351	2.351	0.000	99	244662	20.0	14.3	
30	Methyl acetate	43	2.443	2.431	0.012	99	173428	40.0	43.1	
26	3-Chloro-1-propene	76	2.431	2.431	0.000	96	61170	20.0	15.8	
25	Cyclopentene	67	2.454	2.454	0.000	94	215611	20.0	17.8	
27	Acetonitrile	41	2.489	2.477	0.012	96	147150	200.0	195.7	a
* 28	TBA-d9 (IS)	66	2.511	2.511	0.000	100	35447	1000.0	1000.0	
29	Methylene Chloride	84	2.546	2.534	0.012	96	93334	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.569	2.568	0.001	99	96777	200.0	214.5	
32 Methyl tert-butyl ether	73	2.660	2.648	0.012	98	276532	20.0	18.2	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	96	87670	20.0	15.7	
35 Acrylonitrile	53	2.740	2.740	0.000	96	483255	200.0	213.4	
36 Hexane	57	2.809	2.808	0.001	95	129393	20.0	18.3	
37 Isopropyl ether	45	2.980	2.968	0.012	100	359456	20.0	23.6	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	99	180334	20.0	19.0	
40 Vinyl acetate	86	3.026	3.014	0.012	100	37896	40.0	27.4	
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	89	86024	20.0	16.4	
41 Tert-butyl ethyl ether	59	3.243	3.243	0.000	89	298199	20.0	19.6	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	315867	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.437	0.012	96	30693	20.0	16.9	
45 cis-1,2-Dichloroethene	96	3.472	3.471	0.001	95	99388	20.0	16.4	
44 2-Butanone (MEK)	72	3.472	3.471	0.001	96	67776	100.0	69.2	
47 Ethyl acetate	70	3.472	3.471	0.001	95	25004	40.0	29.6	
46 Methyl acrylate	55	3.529	3.528	0.001	99	94474	20.0	20.4	
48 Propionitrile	54	3.586	3.586	0.000	99	179488	200.0	211.4	
50 Tetrahydrofuran	72	3.677	3.677	0.000	71	29561	40.0	36.1	
54 Methacrylonitrile	67	3.689	3.677	0.012	93	515953	200.0	194.5	
49 Chlorobromomethane	128	3.677	3.677	0.000	95	40487	20.0	16.8	
51 Chloroform	83	3.723	3.723	0.000	99	144738	20.0	17.4	
53 Cyclohexane	84	3.837	3.837	0.000	94	142767	20.0	16.4	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	98	109717	20.0	17.2	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	95	106211	50.0	42.7	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	84336	20.0	17.9	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	96	131004	20.0	17.9	
61 Isobutyl alcohol	43	4.112	4.111	0.001	92	183296	500.0	640.3	
64 Isooctane	57	4.146	4.146	0.000	99	281379	20.0	21.1	
59 Benzene	78	4.180	4.180	0.000	97	418378	20.0	19.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	92	120929	50.0	48.9	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	81510	20.0	17.0	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	96	293389	20.0	18.3	
63 1,2-Dichloroethane	62	4.272	4.271	0.001	95	106882	20.0	19.6	
65 n-Heptane	57	4.329	4.317	0.012	95	54118	20.0	17.6	
* 67 Fluorobenzene	96	4.454	4.454	0.000	98	512589	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	93	61671	500.0	629.1	
69 Trichloroethene	95	4.809	4.809	0.000	96	90162	20.0	16.2	
71 Ethyl acrylate	99	4.923	4.923	0.000	95	14371	20.0	17.4	
72 Methylcyclohexane	83	4.923	4.923	0.000	77	144661	20.0	16.2	
73 1,2-Dichloropropane	63	5.095	5.094	0.001	95	109707	20.0	19.9	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	25816	1000.0	1000.0	
74 Methyl methacrylate	100	5.175	5.174	0.001	92	50155	40.0	30.7	
78 1,4-Dioxane	88	5.220	5.220	0.000	29	24505	400.0	421.7	
75 Dibromomethane	93	5.232	5.232	0.000	46	50195	20.0	16.2	
77 n-Propyl acetate	43	5.232	5.232	0.000	99	165094	20.0	22.7	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	107665	20.0	18.0	
34 2-Nitropropane	41	5.723	5.723	0.000	97	50624	40.0	60.9	
79 2-Chloroethyl vinyl ether	63	5.746	5.746	0.000	97	67694	20.0	18.8	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	258463	400.0	313.8	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	92	162502	20.0	20.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.066	6.066	0.000	97	561270	100.0	90.5	
$ 82 Toluene-d8 (Surr)	98	6.158	6.157	0.001	99	552898	50.0	48.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.238	6.237	0.001	93	404122	20.0	17.8	
85 trans-1,3-Dichloropropene	75	6.649	6.649	0.000	96	137383	20.0	20.9	
86 Ethyl methacrylate	69	6.672	6.672	0.000	90	123129	20.0	20.9	
87 1,1,2-Trichloroethane	83	6.878	6.877	0.001	98	73869	20.0	19.5	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	68756	20.0	17.6	
89 1,3-Dichloropropane	76	7.106	7.095	0.011	94	150460	20.0	19.5	
91 2-Hexanone	43	7.175	7.175	0.000	98	364721	100.0	89.0	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	166883	20.0	25.9	
90 Chlorodibromomethane	129	7.358	7.357	0.001	97	68121	20.0	19.9	
93 Ethylene Dibromide	107	7.518	7.517	0.001	98	76858	20.0	18.3	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	91	341342	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	231441	20.0	18.2	
97 Ethylbenzene	106	8.215	8.215	0.000	98	126297	20.0	17.7	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	97	67507	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	156836	20.0	17.8	
100 o-Xylene	106	8.798	8.798	0.000	94	154151	20.0	18.0	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	72605	20.0	21.5	
101 Styrene	104	8.844	8.832	0.012	96	256153	20.0	19.0	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	89	194075	20.0	28.7	
103 Bromoform	173	9.049	9.049	0.000	51	42089	20.0	23.9	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	376963	20.0	18.2	
$ 105 4-Bromofluorobenzene	174	9.381	9.380	0.001	0	118823	50.0	52.6	
107 Bromobenzene	156	9.495	9.506	-0.011	93	76947	20.0	19.1	
108 1,1,2,2-Tetrachloroethane	83	9.564	9.563	0.001	99	120600	20.0	20.7	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	479034	20.0	19.7	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	97	28844	20.0	19.4	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	87	29523	20.0	21.8	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	306471	20.0	19.4	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	362066	20.0	18.6	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	297357	20.0	18.8	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	293072	20.0	19.4	
117 Butyl Methacrylate	87	9.861	9.861	0.000	90	107836	20.0	20.3	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	238044	20.0	18.4	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	298989	20.0	19.0	
120 sec-Butylbenzene	105	10.215	10.215	0.000	99	371591	20.0	19.0	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	293153	20.0	19.6	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	72	152883	20.0	19.9	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	142109	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	153732	20.0	19.4	
123 1,2,3-Trimethylbenzene	105	10.444	10.443	0.001	99	302513	20.0	19.4	
125 Benzyl chloride	91	10.547	10.546	0.001	98	209041	20.0	22.4	
111 2,3-Dihydroindene	117	10.604	10.603	0.001	94	298997	20.0	18.5	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	170874	20.0	19.3	
127 n-Butylbenzene	92	10.684	10.683	0.001	99	161723	20.0	21.8	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	145493	20.0	20.0	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	179364	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.358	0.000	93	17478	20.0	19.2	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	79076	20.0	20.5	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	95	67977	20.0	20.9	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	25348	20.0	20.6	
134 Naphthalene	128	12.124	12.124	0.000	100	203922	20.0	16.9	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	65651	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	32.1	
S 137 Xylenes, Total	100				0		40.0	35.8	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.3	
S 139 Total BTEX	1				0		100.0	90.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 23:59:41 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42134.D

Injection Date: 15-Aug-2023 21:21:30 Instrument ID: CVOAMS7

Lims ID: LCSD

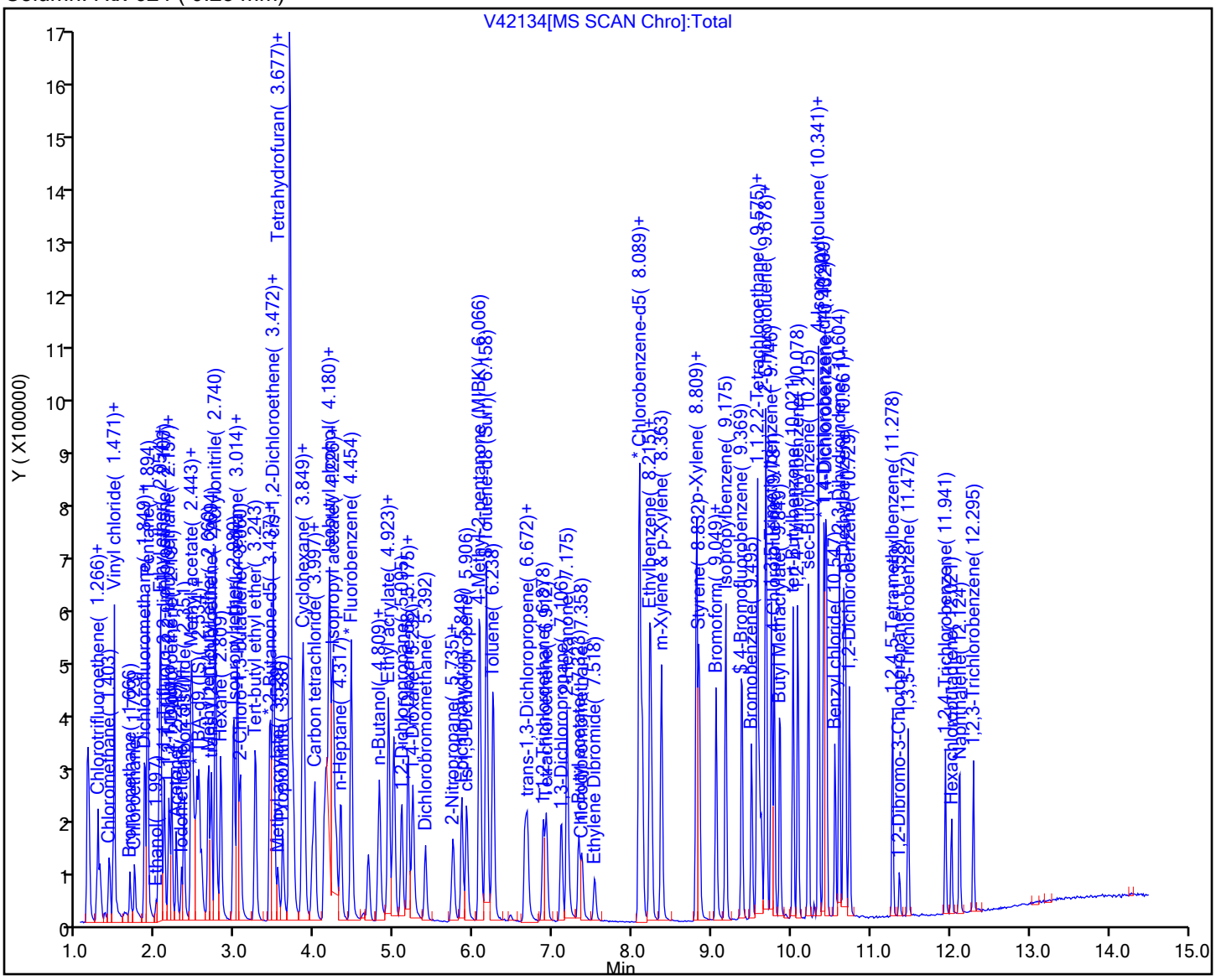
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\V42134.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 15-Aug-2023 21:21:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0164717-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230815-164717.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 23:59:41 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1645

First Level Reviewer: HVW2 Date: 15-Aug-2023 23:59:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	42.7	85.34
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.83
$ 82 Toluene-d8 (Surr)	50.0	48.2	96.44
$ 105 4-Bromofluorobenzene	50.0	52.6	105.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-285954-4 MS

Matrix: Water | Lab File ID: V42059.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 18:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.1		1.0	0.20
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.4		1.0	0.26
107-06-2	1,2-Dichloroethane	21.0		1.0	0.43
78-87-5	1,2-Dichloropropane	21.3		1.0	0.35
591-78-6	2-Hexanone	90.5		5.0	1.1
67-64-1	Acetone	79.6		5.0	4.4
71-43-2	Benzene	20.2		1.0	0.20
75-27-4	Bromodichloromethane	20.1		1.0	0.34
75-25-2	Bromoform	26.3		1.0	0.54
74-83-9	Bromomethane	18.5		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	19.5		1.0	0.21
108-90-7	Chlorobenzene	19.5		1.0	0.38
75-00-3	Chloroethane	26.0		1.0	0.32
67-66-3	Chloroform	19.5		1.0	0.33
74-87-3	Chloromethane	24.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
124-48-1	Dibromochloromethane	21.7		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	74.1		5.0	1.9
108-10-1	methyl isobutyl ketone	92.1		5.0	1.3
75-09-2	Methylene Chloride	18.8		1.0	0.32
100-42-5	Styrene	19.6		1.0	0.42
127-18-4	Tetrachloroethene	39.2		1.0	0.25
108-88-3	Toluene	18.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.6		1.0	0.22
79-01-6	Trichloroethene	18.1		1.0	0.31
75-01-4	Vinyl chloride	22.4		1.0	0.17
1330-20-7	Xylenes, Total	38.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 MS Lab Sample ID: 460-285954-4 MS

Matrix: Water Lab File ID: V42059.D

Analysis Method: 8260D Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 18:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	115		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42059.D
Lims ID: 460-285954-A-4 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 14-Aug-2023 18:09:30 ALS Bottle#: 81 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-4 MS
Misc. Info.: 460-0164631-032
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:54:50 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: W9CM Date: 15-Aug-2023 18:54:50

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.174	1.163	0.011	72	3596	20.0	21.3	
3	Chlorotrifluoroethene	116	1.243	1.243	0.000	96	17828	20.0	16.9	
4	1,1-Difluoroethane	65	1.265	1.254	0.011	84	40670	20.0	21.6	
5	Dichlorodifluoromethane	85	1.265	1.265	0.000	98	73816	20.0	17.9	
2	Chlorodifluoromethane	67	1.288	1.288	0.000	97	11136	20.0	21.2	
6	Chloromethane	50	1.414	1.403	0.011	100	111371	20.0	24.7	
7	Vinyl chloride	62	1.460	1.460	0.000	97	112661	20.0	22.4	
8	Butadiene	54	1.471	1.471	0.000	97	105552	20.0	21.9	
9	Bromomethane	94	1.665	1.665	0.000	99	31384	20.0	18.5	
10	Chloroethane	64	1.734	1.723	0.011	99	71388	20.0	26.0	
11	Dichlorofluoromethane	67	1.848	1.848	0.000	98	129866	20.0	22.7	
12	Trichlorofluoromethane	101	1.860	1.860	0.000	97	81321	20.0	18.3	
13	Pentane	72	1.894	1.894	0.000	96	24362	40.0	36.6	
17	Ethanol	46	1.997	1.997	0.000	99	19973	800.0	936.4	
14	Ethyl ether	74	2.031	2.031	0.000	94	47470	20.0	19.5	
15	2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	96	66708	20.0	20.7	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.054	0.012	94	52470	20.0	18.4	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	97	109157	20.0	19.7	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	94	56827	20.0	17.1	
52	Acrolein	56	2.168	2.168	0.000	94	31107	40.0	44.5	
20	1,1-Dichloroethene	96	2.203	2.191	0.012	97	63774	20.0	18.4	
23	Acetone	43	2.260	2.248	0.012	88	117567	100.0	79.6	
24	Isopropyl alcohol	45	2.317	2.317	0.000	98	55105	200.0	248.3	
21	Iodomethane	142	2.317	2.317	0.000	97	23202	20.0	8.49	
22	Carbon disulfide	76	2.351	2.351	0.000	99	207949	20.0	17.0	
30	Methyl acetate	43	2.443	2.431	0.012	98	137329	40.0	47.9	
26	3-Chloro-1-propene	76	2.443	2.431	0.012	93	49005	20.0	17.8	
25	Cyclopentene	67	2.466	2.454	0.012	97	164843	20.0	19.1	
27	Acetonitrile	41	2.488	2.488	0.000	96	121203	200.0	210.9	a
* 28	TBA-d9 (IS)	66	2.523	2.511	0.012	99	27366	1000.0	1000.0	
29	Methylene Chloride	84	2.546	2.534	0.012	96	75132	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.568	2.568	0.000	99	81634	200.0	234.5	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	98	217796	20.0	20.1	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	96	71701	20.0	18.0	
35 Acrylonitrile	53	2.740	2.740	0.000	96	385323	200.0	238.9	
36 Hexane	57	2.820	2.808	0.012	93	85980	20.0	17.1	
37 Isopropyl ether	45	2.980	2.968	0.012	98	273080	20.0	25.2	
38 1,1-Dichloroethane	63	3.026	3.014	0.012	59	136861	20.0	20.3	
40 Vinyl acetate	86	3.026	3.026	0.000	100	31569	40.0	29.8	a
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	90	63622	20.0	17.0	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	89	231606	20.0	21.4	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	99	241383	250.0	250.0	
43 2,2-Dichloropropane	97	3.448	3.437	0.011	96	21614	20.0	16.7	
45 cis-1,2-Dichloroethene	96	3.471	3.471	0.000	60	75535	20.0	17.5	
47 Ethyl acetate	70	3.483	3.471	0.012	95	19534	40.0	30.2	
44 2-Butanone (MEK)	72	3.483	3.471	0.012	96	55454	100.0	74.1	
46 Methyl acrylate	55	3.540	3.529	0.011	99	73911	20.0	22.5	
48 Propionitrile	54	3.597	3.586	0.011	99	147564	200.0	244.1	
49 Chlorobromomethane	128	3.677	3.677	0.000	96	32087	20.0	18.7	
50 Tetrahydrofuran	72	3.677	3.677	0.000	77	25295	40.0	43.4	
54 Methacrylonitrile	67	3.689	3.677	0.012	93	420577	200.0	222.6	
51 Chloroform	83	3.723	3.723	0.000	98	115322	20.0	19.5	
53 Cyclohexane	84	3.849	3.837	0.012	93	106393	20.0	17.1	
55 1,1,1-Trichloroethane	97	3.860	3.849	0.011	97	86830	20.0	19.1	
$ 56 Dibromofluoromethane (Surr)	113	3.871	3.871	0.000	96	85742	50.0	48.4	
57 Carbon tetrachloride	117	3.974	3.963	0.011	97	65576	20.0	19.5	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	99208	20.0	19.0	
61 Isobutyl alcohol	43	4.123	4.111	0.012	92	140641	500.0	636.4	
64 Isooctane	57	4.146	4.146	0.000	98	171552	20.0	18.1	
59 Benzene	78	4.180	4.180	0.000	97	328363	20.0	20.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.203	4.191	0.012	91	102138	50.0	58.0	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	94	227616	20.0	19.9	
66 Isopropyl acetate	87	4.226	4.226	0.000	96	64043	20.0	18.7	
63 1,2-Dichloroethane	62	4.271	4.271	0.000	95	81764	20.0	21.0	
65 n-Heptane	57	4.329	4.317	0.012	95	34080	20.0	15.6	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	365083	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	90	44030	500.0	581.7	
69 Trichloroethene	95	4.809	4.809	0.000	97	71849	20.0	18.1	
72 Methylcyclohexane	83	4.923	4.923	0.000	77	105309	20.0	16.5	
71 Ethyl acrylate	99	4.934	4.923	0.011	95	10669	20.0	18.2	
73 1,2-Dichloropropane	63	5.094	5.094	0.000	93	83754	20.0	21.3	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	21852	1000.0	1000.0	
74 Methyl methacrylate	100	5.174	5.163	0.011	94	42809	40.0	36.8	
78 1,4-Dioxane	88	5.220	5.220	0.000	32	21023	400.0	427.4	
75 Dibromomethane	93	5.232	5.232	0.000	49	41034	20.0	18.6	
77 n-Propyl acetate	43	5.232	5.232	0.000	99	127130	20.0	24.5	
76 Dichlorobromomethane	83	5.392	5.392	0.000	100	85699	20.0	20.1	
34 2-Nitropropane	41	5.723	5.723	0.000	98	37502	40.0	63.4	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	137351	400.0	218.2	
81 cis-1,3-Dichloropropene	75	5.917	5.906	0.011	91	121478	20.0	20.6	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.066	0.011	96	436388	100.0	92.1	
$ 82 Toluene-d8 (Surr)	98	6.157	6.157	0.000	99	432360	50.0	50.9	
83 Toluene	91	6.237	6.237	0.000	94	318094	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.649	6.637	0.012	97	105315	20.0	21.6	
86 Ethyl methacrylate	69	6.672	6.672	0.000	92	94423	20.0	21.6	
87 1,1,2-Trichloroethane	83	6.877	6.877	0.000	98	62207	20.0	22.1	
88 Tetrachloroethene	166	6.912	6.912	0.000	97	113894	20.0	39.2	
89 1,3-Dichloropropane	76	7.106	7.095	0.011	93	121618	20.0	21.3	
91 2-Hexanone	43	7.175	7.175	0.000	96	283455	100.0	90.5	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	127207	20.0	26.6	
90 Chlorodibromomethane	129	7.357	7.357	0.000	98	54896	20.0	21.7	
93 Ethylene Dibromide	107	7.517	7.517	0.000	97	59998	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	252994	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	183349	20.0	19.5	
97 Ethylbenzene	106	8.215	8.215	0.000	98	101594	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	96	54018	20.0	21.5	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	97	123222	20.0	18.8	
100 o-Xylene	106	8.809	8.798	0.011	94	121496	20.0	19.2	
99 n-Butyl acrylate	73	8.809	8.809	0.000	98	57653	20.0	23.0	
101 Styrene	104	8.843	8.843	0.000	96	196164	20.0	19.6	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	138780	20.0	27.0	
103 Bromoform	173	9.049	9.061	-0.011	53	34303	20.0	26.3	
104 Isopropylbenzene	105	9.175	9.175	0.000	96	296169	20.0	19.3	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	-0.001	0	95944	50.0	57.3	
107 Bromobenzene	156	9.506	9.495	0.011	98	62748	20.0	20.4	
108 1,1,2,2-Tetrachloroethane	83	9.563	9.563	0.000	99	97916	20.0	22.1	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	373604	20.0	20.2	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	97	24263	20.0	21.4	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	86	23168	20.0	22.5	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	242821	20.0	20.2	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	291957	20.0	19.7	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	93	230413	20.0	19.1	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	244461	20.0	21.2	
117 Butyl Methacrylate	87	9.861	9.861	0.000	90	84342	20.0	20.8	
118 tert-Butylbenzene	119	10.021	10.021	0.000	94	184954	20.0	18.8	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	232827	20.0	19.4	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	290052	20.0	19.5	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	223635	20.0	19.6	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	74	120751	20.0	20.6	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	108200	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	95	125986	20.0	20.9	
123 1,2,3-Trimethylbenzene	105	10.443	10.443	0.000	99	244308	20.0	20.5	
125 Benzyl chloride	91	10.546	10.546	0.000	98	136949	20.0	19.2	a
111 2,3-Dihydroindene	117	10.603	10.604	-0.001	95	241394	20.0	19.6	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	129470	20.0	19.2	
127 n-Butylbenzene	92	10.683	10.684	-0.001	98	119549	20.0	21.2	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	115567	20.0	20.9	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	97	144980	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	11.358	11.369	-0.011	94	14479	20.0	20.9	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	62071	20.0	21.1	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	94	54640	20.0	22.0	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	93	18910	20.0	20.2	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	94	32712		26.0	
134 Naphthalene	128	12.124	12.124	0.000	99	149414	20.0	16.3	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	96	50717	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.5	
S 137 Xylenes, Total	100				0		40.0	38.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	42.2	
S 139 Total BTEX	1				0		100.0	96.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 18:54:51 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42059.D

Injection Date: 14-Aug-2023 18:09:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-4 MS

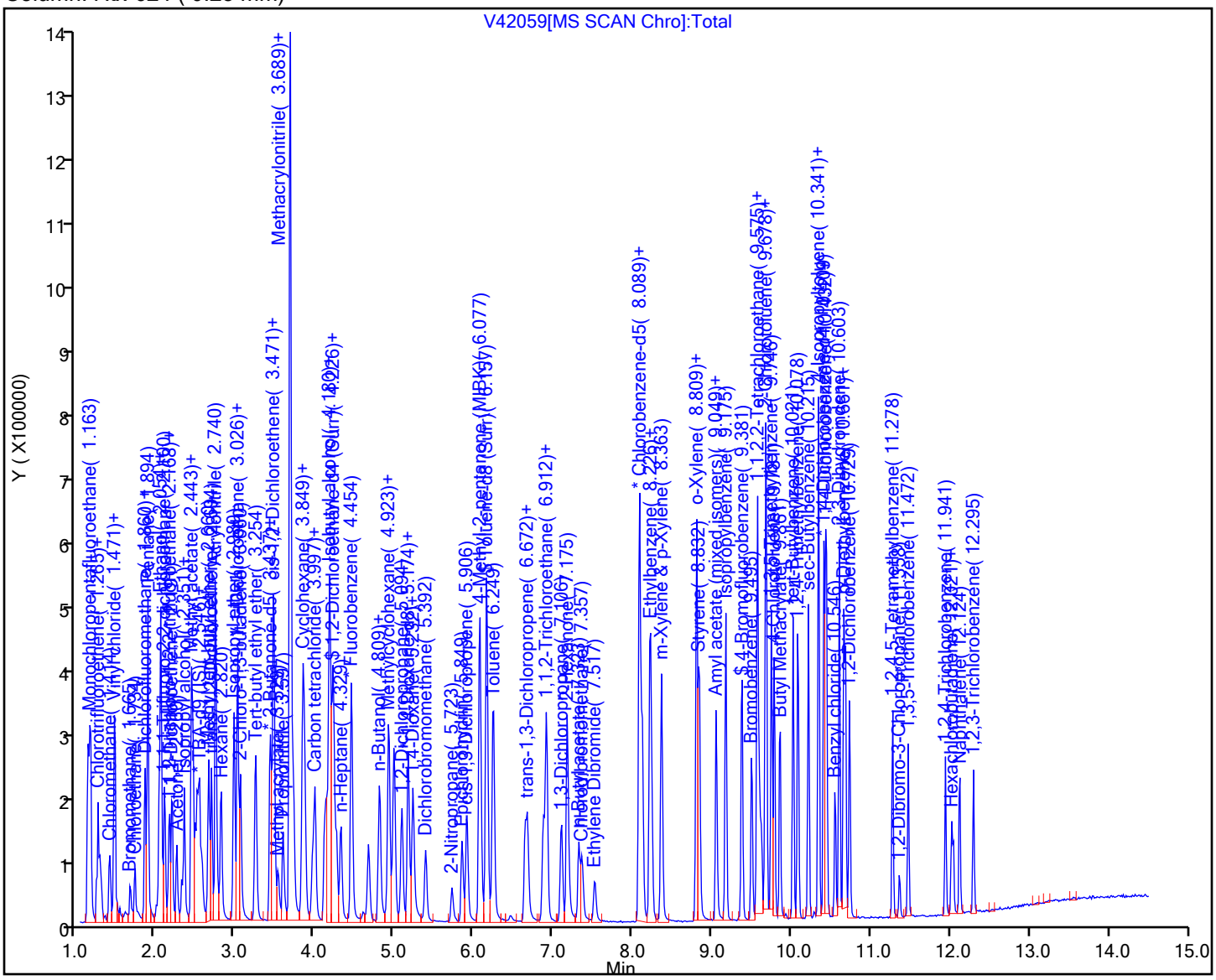
Client ID: A-02

Operator ID: ALS Bottle#: 81 Worklist Smp#: 32

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42059.D
Lims ID: 460-285954-A-4 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 14-Aug-2023 18:09:30 ALS Bottle#: 81 Worklist Smp#: 32
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-4 MS
Misc. Info.: 460-0164631-032
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:54:50 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: W9CM Date: 15-Aug-2023 18:54:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.4	96.72
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	58.0	116.02
$ 82 Toluene-d8 (Surr)	50.0	50.9	101.75
$ 105 4-Bromofluorobenzene	50.0	57.3	114.56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-285954-4 MSD

Matrix: Water | Lab File ID: V42060.D

Analysis Method: 8260D | Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/14/2023 18:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 926363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.4		1.0	0.20
75-34-3	1,1-Dichloroethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.26
107-06-2	1,2-Dichloroethane	21.9		1.0	0.43
78-87-5	1,2-Dichloropropane	22.2		1.0	0.35
591-78-6	2-Hexanone	92.4		5.0	1.1
67-64-1	Acetone	80.6		5.0	4.4
71-43-2	Benzene	21.0		1.0	0.20
75-27-4	Bromodichloromethane	21.0		1.0	0.34
75-25-2	Bromoform	26.0		1.0	0.54
74-83-9	Bromomethane	21.8		1.0	0.55
75-15-0	Carbon disulfide	17.8		1.0	0.82
56-23-5	Carbon tetrachloride	19.5		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
75-00-3	Chloroethane	27.6		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	25.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	22.6		1.0	0.28
100-41-4	Ethylbenzene	19.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	69.4		5.0	1.9
108-10-1	methyl isobutyl ketone	94.3		5.0	1.3
75-09-2	Methylene Chloride	19.1		1.0	0.32
100-42-5	Styrene	20.7		1.0	0.42
127-18-4	Tetrachloroethene	37.8		1.0	0.25
108-88-3	Toluene	19.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.9		1.0	0.22
79-01-6	Trichloroethene	17.9		1.0	0.31
75-01-4	Vinyl chloride	22.7		1.0	0.17
1330-20-7	Xylenes, Total	39.3		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Client Sample ID: A-02 MSD Lab Sample ID: 460-285954-4 MSD

Matrix: Water Lab File ID: V42060.D

Analysis Method: 8260D Date Collected: 08/09/2023 10:10

Sample wt/vol: 5(mL) Date Analyzed: 08/14/2023 18:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 926363 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-128
460-00-4	4-Bromofluorobenzene	120		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42060.D
Lims ID: 460-285954-A-4 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 14-Aug-2023 18:30:30 ALS Bottle#: 82 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-4 MSD
Misc. Info.: 460-0164631-033
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:55:01 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:34:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.163	0.011	64	4010	20.0	23.4	a
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	93	21011	20.0	19.6	
4 1,1-Difluoroethane	65	1.266	1.254	0.012	76	44529	20.0	23.4	
5 Dichlorodifluoromethane	85	1.266	1.265	0.001	99	83896	20.0	20.1	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	98	12414	20.0	23.4	
6 Chloromethane	50	1.403	1.403	0.000	98	115532	20.0	25.3	
7 Vinyl chloride	62	1.460	1.460	0.000	97	115177	20.0	22.7	
8 Butadiene	54	1.471	1.471	0.000	99	115712	20.0	23.8	
9 Bromomethane	94	1.666	1.665	0.001	97	37453	20.0	21.8	
10 Chloroethane	64	1.723	1.723	0.000	99	76455	20.0	27.6	
11 Dichlorofluoromethane	67	1.849	1.848	0.000	99	137914	20.0	23.8	
12 Trichlorofluoromethane	101	1.860	1.860	0.000	98	87626	20.0	19.5	
13 Pentane	72	1.894	1.894	0.000	97	24691	40.0	36.7	
17 Ethanol	46	1.997	1.997	0.000	100	21047	800.0	954.8	
14 Ethyl ether	74	2.031	2.031	0.000	96	49467	20.0	20.1	
15 2-Methyl-1,3-butadiene	53	2.054	2.043	0.011	97	71192	20.0	21.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.054	0.012	96	54081	20.0	18.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.100	2.100	0.000	98	114412	20.0	20.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.157	2.157	0.000	93	59844	20.0	17.8	
52 Acrolein	56	2.169	2.168	0.001	94	32854	40.0	46.4	
20 1,1-Dichloroethene	96	2.191	2.191	0.000	96	65593	20.0	18.7	
23 Acetone	43	2.249	2.248	0.001	88	127007	100.0	80.6	
24 Isopropyl alcohol	45	2.317	2.317	0.000	99	62621	200.0	273.0	
21 Iodomethane	142	2.317	2.317	0.000	97	31427	20.0	11.4	
22 Carbon disulfide	76	2.351	2.351	0.000	99	219974	20.0	17.8	
30 Methyl acetate	43	2.443	2.431	0.012	99	146233	40.0	50.4	
26 3-Chloro-1-propene	76	2.443	2.431	0.012	93	50456	20.0	18.1	
25 Cyclopentene	67	2.454	2.454	0.000	94	173002	20.0	19.8	
27 Acetonitrile	41	2.489	2.488	0.001	99	120533	200.0	196.5	
* 28 TBA-d9 (IS)	66	2.511	2.511	0.000	100	28284	1000.0	1000.0	
29 Methylene Chloride	84	2.546	2.534	0.012	95	77596	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.569	2.568	0.001	98	85050	200.0	236.4	
32 Methyl tert-butyl ether	73	2.660	2.660	0.000	98	227419	20.0	20.8	
33 trans-1,2-Dichloroethene	96	2.694	2.694	0.000	95	73292	20.0	18.2	
35 Acrylonitrile	53	2.740	2.740	0.000	95	410999	200.0	251.8	
36 Hexane	57	2.809	2.808	0.001	94	90089	20.0	17.7	
37 Isopropyl ether	45	2.980	2.968	0.012	99	285106	20.0	26.0	
38 1,1-Dichloroethane	63	3.014	3.014	0.000	98	148879	20.0	21.8	
40 Vinyl acetate	86	3.026	3.026	0.000	100	32475	40.0	28.8	a
39 2-Chloro-1,3-butadiene	88	3.060	3.060	0.000	89	68650	20.0	18.2	
41 Tert-butyl ethyl ether	59	3.254	3.243	0.011	89	240595	20.0	22.0	
* 42 2-Butanone-d5	46	3.426	3.426	0.000	100	257591	250.0	250.0	
43 2,2-Dichloropropane	97	3.449	3.437	0.012	96	22571	20.0	17.2	
45 cis-1,2-Dichloroethene	96	3.472	3.471	0.001	98	81169	20.0	18.6	
47 Ethyl acetate	70	3.472	3.471	0.001	95	19462	40.0	28.2	
44 2-Butanone (MEK)	72	3.472	3.471	0.001	96	55383	100.0	69.4	
46 Methyl acrylate	55	3.529	3.529	0.000	99	80624	20.0	24.2	
48 Propionitrile	54	3.597	3.586	0.011	100	158725	200.0	259.4	
49 Chlorobromomethane	128	3.677	3.677	0.000	97	33256	20.0	19.1	
50 Tetrahydrofuran	72	3.677	3.677	0.000	74	25725	40.0	43.6	
54 Methacrylonitrile	67	3.689	3.677	0.012	92	437100	200.0	228.6	
51 Chloroform	83	3.723	3.723	0.000	99	119054	20.0	19.9	
53 Cyclohexane	84	3.849	3.837	0.012	93	111230	20.0	17.7	
55 1,1,1-Trichloroethane	97	3.849	3.849	0.000	97	91127	20.0	19.8	
$ 56 Dibromofluoromethane (Surr)	113	3.872	3.871	0.001	96	91257	50.0	50.9	
57 Carbon tetrachloride	117	3.963	3.963	0.000	97	66180	20.0	19.5	
58 1,1-Dichloropropene	75	3.997	3.997	0.000	97	102304	20.0	19.4	
61 Isobutyl alcohol	43	4.112	4.111	0.001	93	147248	500.0	644.7	
64 Isooctane	57	4.146	4.146	0.000	99	189757	20.0	19.8	
59 Benzene	78	4.180	4.180	0.000	97	352499	20.0	21.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.192	4.191	0.001	89	106734	50.0	59.9	
62 Tert-amyl methyl ether	73	4.226	4.226	0.000	92	246156	20.0	21.3	
66 Isopropyl acetate	87	4.226	4.226	0.000	95	67526	20.0	19.5	
63 1,2-Dichloroethane	62	4.272	4.271	0.001	95	86038	20.0	21.9	
65 n-Heptane	57	4.329	4.317	0.012	94	37297	20.0	16.8	
* 67 Fluorobenzene	96	4.454	4.454	0.000	99	369445	50.0	50.0	
70 n-Butanol	56	4.786	4.786	0.000	92	50150	500.0	641.1	
69 Trichloroethene	95	4.809	4.809	0.000	97	71740	20.0	17.9	
72 Methylcyclohexane	83	4.923	4.923	0.000	76	110504	20.0	17.2	
71 Ethyl acrylate	99	4.935	4.923	0.012	95	11493	20.0	19.3	
73 1,2-Dichloropropane	63	5.095	5.094	0.001	95	88122	20.0	22.2	
* 68 1,4-Dioxane-d8	96	5.163	5.163	0.000	45	22635	1000.0	1000.0	
74 Methyl methacrylate	100	5.175	5.163	0.012	95	45012	40.0	38.2	
78 1,4-Dioxane	88	5.220	5.220	0.000	45	20909	400.0	410.4	
75 Dibromomethane	93	5.232	5.232	0.000	94	43424	20.0	19.5	
77 n-Propyl acetate	43	5.232	5.232	0.000	98	134671	20.0	25.7	
76 Dichlorobromomethane	83	5.392	5.392	0.000	99	90339	20.0	21.0	
34 2-Nitropropane	41	5.723	5.723	0.000	98	37804	40.0	63.1	
80 Epichlorohydrin	57	5.849	5.849	0.000	99	146946	400.0	218.8	
81 cis-1,3-Dichloropropene	75	5.906	5.906	0.000	92	124242	20.0	20.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.077	6.066	0.011	97	476869	100.0	94.3	
$ 82 Toluene-d8 (Surr)	98	6.158	6.157	0.001	99	447082	50.0	51.0	
83 Toluene	91	6.238	6.237	0.001	93	337327	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.649	6.637	0.012	96	110229	20.0	21.9	
86 Ethyl methacrylate	69	6.672	6.672	0.000	91	103364	20.0	23.0	
87 1,1,2-Trichloroethane	83	6.878	6.877	0.001	98	65075	20.0	22.4	
88 Tetrachloroethene	166	6.912	6.912	0.000	95	113144	20.0	37.8	
89 1,3-Dichloropropane	76	7.106	7.095	0.011	94	130379	20.0	22.1	
91 2-Hexanone	43	7.175	7.175	0.000	97	308868	100.0	92.4	
92 n-Butyl acetate	43	7.323	7.323	0.000	99	134888	20.0	27.3	
90 Chlorodibromomethane	129	7.358	7.357	0.001	98	59086	20.0	22.6	
93 Ethylene Dibromide	107	7.518	7.517	0.001	100	64309	20.0	20.1	
* 94 Chlorobenzene-d5	117	8.089	8.089	0.000	87	261023	50.0	50.0	
95 Chlorobenzene	112	8.123	8.123	0.000	93	192592	20.0	19.8	
97 Ethylbenzene	106	8.215	8.215	0.000	99	108590	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	8.238	8.238	0.000	97	56304	20.0	21.7	
98 m-Xylene & p-Xylene	106	8.363	8.363	0.000	96	131958	20.0	19.6	
100 o-Xylene	106	8.809	8.798	0.011	94	129251	20.0	19.7	
99 n-Butyl acrylate	73	8.809	8.809	0.000	97	59679	20.0	23.1	
101 Styrene	104	8.843	8.843	0.000	96	213508	20.0	20.7	
102 Amyl acetate (mixed isomers)	43	9.049	9.049	0.000	90	148735	20.0	27.5	
103 Bromoform	173	9.049	9.061	-0.011	53	34933	20.0	26.0	
104 Isopropylbenzene	105	9.175	9.175	0.000	95	315997	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.381	9.381	0.000	0	103396	50.0	59.8	
107 Bromobenzene	156	9.495	9.495	0.000	95	67551	20.0	20.9	
108 1,1,2,2-Tetrachloroethane	83	9.564	9.563	0.001	99	104689	20.0	22.5	
109 N-Propylbenzene	91	9.575	9.575	0.000	99	390574	20.0	20.0	
115 1,2,3-Trichloropropane	110	9.598	9.598	0.000	98	25336	20.0	21.3	
112 trans-1,4-Dichloro-2-butene	53	9.621	9.621	0.000	87	25044	20.0	23.1	
114 2-Chlorotoluene	91	9.678	9.678	0.000	96	251954	20.0	19.9	
113 4-Ethyltoluene	105	9.689	9.689	0.000	98	302741	20.0	19.5	
116 1,3,5-Trimethylbenzene	105	9.746	9.746	0.000	92	244956	20.0	19.3	
110 4-Chlorotoluene	91	9.781	9.781	0.000	98	237319	20.0	19.6	
117 Butyl Methacrylate	87	9.861	9.861	0.000	90	87073	20.0	20.4	
118 tert-Butylbenzene	119	10.021	10.021	0.000	93	194267	20.0	18.8	
119 1,2,4-Trimethylbenzene	105	10.078	10.078	0.000	98	246362	20.0	19.5	
120 sec-Butylbenzene	105	10.215	10.215	0.000	100	305581	20.0	19.5	
121 4-Isopropyltoluene	119	10.341	10.341	0.000	98	239919	20.0	20.0	
122 1,3-Dichlorobenzene	146	10.341	10.341	0.000	73	124106	20.0	20.1	
* 106 1,4-Dichlorobenzene-d4	152	10.409	10.409	0.000	96	113781	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.432	10.432	0.000	93	129688	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	10.444	10.443	0.001	99	256926	20.0	20.5	
125 Benzyl chloride	91	10.547	10.546	0.000	98	143275	20.0	19.1	a
111 2,3-Dihydroindene	117	10.604	10.604	0.000	95	246153	20.0	19.0	
126 p-Diethylbenzene	119	10.661	10.661	0.000	92	138713	20.0	19.6	
127 n-Butylbenzene	92	10.684	10.684	0.000	98	127163	20.0	21.4	
128 1,2-Dichlorobenzene	146	10.729	10.729	0.000	95	119249	20.0	20.5	
130 1,2,4,5-Tetramethylbenzene	119	11.278	11.278	0.000	98	154247	20.0	20.4	
129 1,2-Dibromo-3-Chloropropane	157	11.369	11.369	0.000	97	15956	20.0	21.9	
132 1,3,5-Trichlorobenzene	180	11.472	11.472	0.000	96	66604	20.0	21.5	
131 1,2,4-Trichlorobenzene	180	11.941	11.941	0.000	93	59598	20.0	22.9	
133 Hexachlorobutadiene	225	12.021	12.021	0.000	91	19435	20.0	19.7	
168 2-Ethylhexyl acrylate	55	12.044	12.044	0.000	93	35705		27.0	
134 Naphthalene	128	12.124	12.124	0.000	99	174976	20.0	18.1	
135 1,2,3-Trichlorobenzene	180	12.295	12.295	0.000	95	54319	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	36.8	
S 137 Xylenes, Total	100				0		40.0	39.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	42.3	
S 139 Total BTEX	1				0		100.0	99.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

GASES Li_00542	Amount Added: 20.00	Units: uL		
8260MIX1COMB_00174	Amount Added: 20.00	Units: uL		
524FREONS_00005	Amount Added: 20.00	Units: uL		
ACROLEIN W_00157	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00239	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 15-Aug-2023 18:55:02 Chrom Revision: 2.3 01-Aug-2023 10:44:40

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42060.D

Injection Date: 14-Aug-2023 18:30:30 Instrument ID: CVOAMS7

Lims ID: 460-285954-A-4 MSD

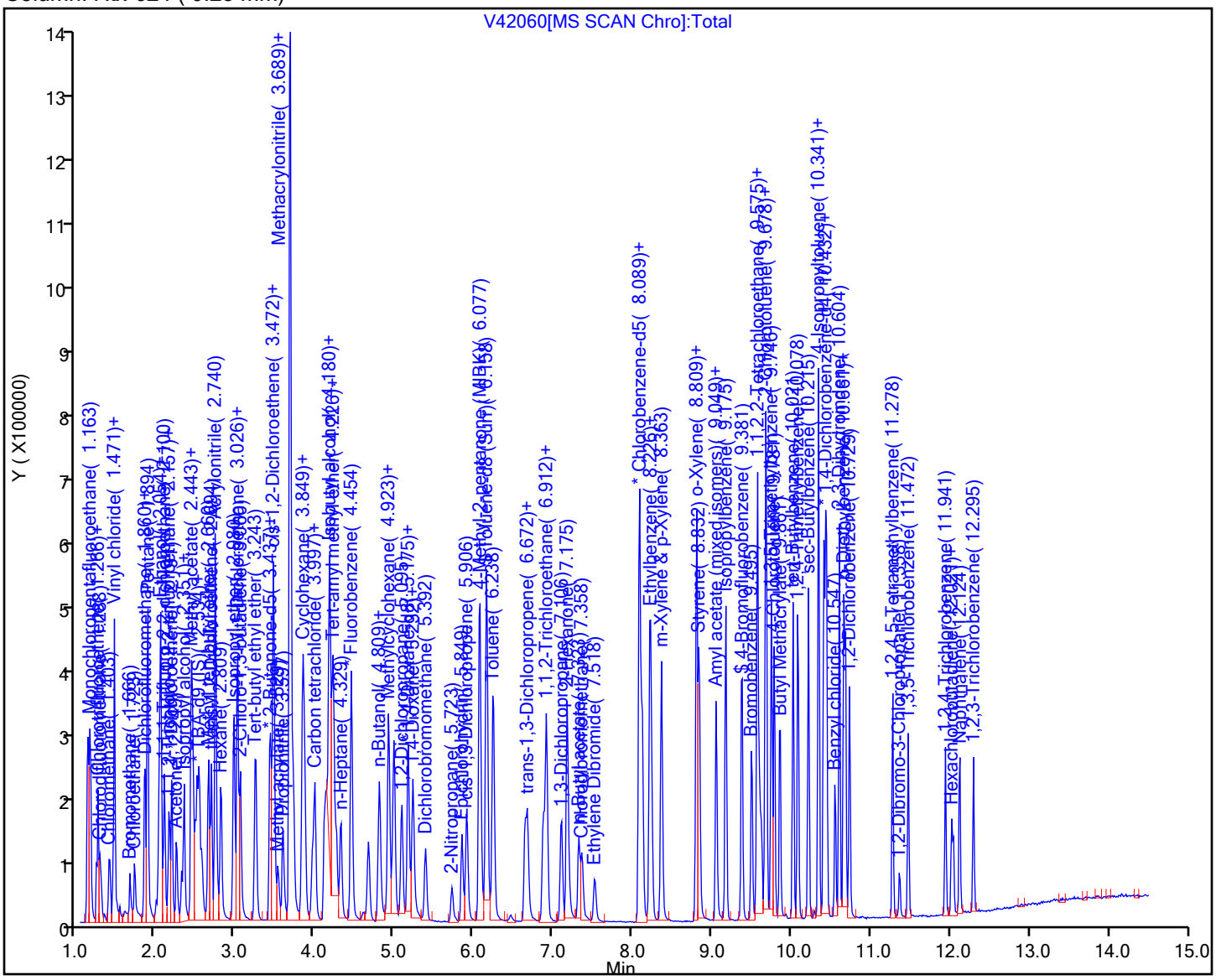
Client ID: A-02

Operator ID: ALS Bottle#: 82 Worklist Smp#: 33

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



8/17/2023 3:03 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\V42060.D
Lims ID: 460-285954-A-4 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 14-Aug-2023 18:30:30 ALS Bottle#: 82 Worklist Smp#: 33
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-285954-A-4 MSD
Misc. Info.: 460-0164631-033
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230814-164631.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 15-Aug-2023 18:55:01 Calib Date: 23-Jul-2023 18:27:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230723-163741.b\V41120.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: HVW2 Date: 14-Aug-2023 20:34:55

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.9	101.73
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	59.9	119.81
$ 82 Toluene-d8 (Surr)	50.0	51.0	101.97
$ 105 4-Bromofluorobenzene	50.0	59.8	119.66

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 07/23/2023 14:59

Analysis Batch Number: 922541 End Date: 07/23/2023 22:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-922541/1		07/23/2023 14:59	1	V41111.D	Rtx-624 0.25(mm)
STD8 460-922541/3 IC		07/23/2023 15:58	1	V41113.D	Rtx-624 0.25(mm)
STD1 460-922541/5 IC		07/23/2023 16:40	1	V41115.D	Rtx-624 0.25(mm)
STD5 460-922541/6 IC		07/23/2023 17:02	1	V41116.D	Rtx-624 0.25(mm)
STD20 460-922541/7 ICIS		07/23/2023 17:23	1	V41117.D	Rtx-624 0.25(mm)
STD50 460-922541/8 IC		07/23/2023 17:44	1	V41118.D	Rtx-624 0.25(mm)
STD200 460-922541/9 IC		07/23/2023 18:06	1	V41119.D	Rtx-624 0.25(mm)
STD500 460-922541/10 IC		07/23/2023 18:27	1	V41120.D	Rtx-624 0.25(mm)
ICV 460-922541/21		07/23/2023 22:20	1	V41131.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 08/14/2023 08:21

Analysis Batch Number: 926363 End Date: 08/14/2023 18:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-926363/5		08/14/2023 08:21	1	V42032.D	Rtx-624 0.25(mm)
LCS 460-926363/6		08/14/2023 08:54	1	V42033.D	Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 09:15	1		Rtx-624 0.25(mm)
MB 460-926363/11		08/14/2023 10:40	1	V42038.D	Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 11:01	1		Rtx-624 0.25(mm)
460-285954-12	FB0809	08/14/2023 11:22	1	V42040.D	Rtx-624 0.25(mm)
460-285954-13	Trip Blank	08/14/2023 11:44	1	V42041.D	Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 12:05	1		Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 12:26	1		Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 12:48	1		Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 13:09	1		Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 13:31	1		Rtx-624 0.25(mm)
460-285954-4	A-02	08/14/2023 13:52	1	V42047.D	Rtx-624 0.25(mm)
460-285954-1	A-15	08/14/2023 14:13	1	V42048.D	Rtx-624 0.25(mm)
460-285954-2	ME-8	08/14/2023 14:35	1	V42049.D	Rtx-624 0.25(mm)
460-285954-3	ME-113	08/14/2023 14:56	1	V42050.D	Rtx-624 0.25(mm)
460-285954-8	A-07	08/14/2023 15:18	1	V42051.D	Rtx-624 0.25(mm)
460-285954-9	A-05	08/14/2023 15:39	1	V42052.D	Rtx-624 0.25(mm)
460-285954-10	A-09	08/14/2023 16:01	1	V42053.D	Rtx-624 0.25(mm)
460-285954-7	A-08	08/14/2023 17:26	2	V42057.D	Rtx-624 0.25(mm)
460-285954-14	MW-13	08/14/2023 17:47	2	V42058.D	Rtx-624 0.25(mm)
460-285954-4 MS	A-02 MS	08/14/2023 18:09	1	V42059.D	Rtx-624 0.25(mm)
460-285954-4 MSD	A-02 MSD	08/14/2023 18:30	1	V42060.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 08/14/2023 20:03

Analysis Batch Number: 926520 End Date: 08/15/2023 07:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-926520/2		08/14/2023 20:03	1	V42063.D	Rtx-624 0.25(mm)
LCS 460-926520/3		08/14/2023 20:25	1	V42064.D	Rtx-624 0.25(mm)
LCSD 460-926520/5		08/14/2023 21:07	1	V42066.D	Rtx-624 0.25(mm)
MB 460-926520/8		08/14/2023 22:11	1	V42069.D	Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 22:53	1		Rtx-624 0.25(mm)
ZZZZZ		08/14/2023 23:57	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 00:19	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 00:40	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 01:01	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 01:22	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 01:43	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 02:05	1		Rtx-624 0.25(mm)
460-285954-11	A-10	08/15/2023 02:47	1	V42082.D	Rtx-624 0.25(mm)
460-285954-6	A-066	08/15/2023 03:09	1	V42083.D	Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 04:34	2		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 04:55	2		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 05:16	5		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 05:37	25		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 05:59	20		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 06:20	50		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 07:24	25		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 08/15/2023 20:39

Analysis Batch Number: 926740 End Date: 08/16/2023 06:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-926740/3		08/15/2023 20:39	1	V42132.D	Rtx-624 0.25(mm)
LCS 460-926740/4		08/15/2023 21:00	1	V42133.D	Rtx-624 0.25(mm)
LCSD 460-926740/5		08/15/2023 21:21	1	V42134.D	Rtx-624 0.25(mm)
MB 460-926740/8		08/15/2023 22:25	1	V42137.D	Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 22:46	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 23:08	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 23:29	1		Rtx-624 0.25(mm)
ZZZZZ		08/15/2023 23:50	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 00:11	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 00:33	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 00:54	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 01:15	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 01:36	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 01:57	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 02:18	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 02:40	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 03:01	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 03:22	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 03:43	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 04:04	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 04:25	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 05:29	1		Rtx-624 0.25(mm)
460-285954-5	A-06	08/16/2023 05:50	1	V42158.D	Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 06:32	1		Rtx-624 0.25(mm)
ZZZZZ		08/16/2023 06:53	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 922541 Batch Start Date: 07/23/23 14:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00158	524FREONS 00005	7 Freons Hi 00004	7 Freons SS 00003
BFB 460-922541/1		8260D		5 mL	5 mL				
STD8 460-922541/3 IC		8260D		5 mL	5 mL				
STD1 460-922541/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-922541/6 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-922541/7 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-922541/8 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-922541/9 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-922541/10 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-922541/21		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00168	8260ISNEW 00171	8260MIX1COMB 00173	8260SURR250 00239	ACROLEIN SP 00154	ACROLEIN W 00157
BFB 460-922541/1		8260D							
STD8 460-922541/3 IC		8260D			1 uL		1 uL		
STD1 460-922541/5 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD5 460-922541/6 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD20 460-922541/7 ICIS		8260D			1 uL	20 uL	1 uL		4 uL
STD50 460-922541/8 IC		8260D			1 uL	50 uL	1 uL		10 uL
STD200 460-922541/9 IC		8260D			1 uL		1 uL		20 uL
STD500 460-922541/10 IC		8260D			1 uL		1 uL		40 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 922541 Batch Start Date: 07/23/23 14:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00168	8260ISNEW 00171	8260MIX1COMB 00173	8260SURR250 00239	ACROLEIN SP 00154	ACROLEIN W 00157
ICV 460-922541/21		8260D		20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00114	BFB 00034	Ethanol mix 00079	EthhexAcr_SS 00001	EthyhexAcr_Hi 00001	EthyhexAcr_Li 00001
BFB 460-922541/1		8260D			1 uL				
STD8 460-922541/3 IC		8260D		20 uL					
STD1 460-922541/5 IC		8260D							10 uL
STD5 460-922541/6 IC		8260D							10 uL
STD20 460-922541/7 ICIS		8260D							20 uL
STD50 460-922541/8 IC		8260D							50 uL
STD200 460-922541/9 IC		8260D				20 uL		20 uL	
STD500 460-922541/10 IC		8260D				50 uL		50 uL	
ICV 460-922541/21		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00524	GAS Hi 00447	GASES Li 00539	MIX 2 Hi 00138	MIX I Hi 00165	VMTBA500 00036
BFB 460-922541/1		8260D							
STD8 460-922541/3 IC		8260D				2.5 uL			2 uL
STD1 460-922541/5 IC		8260D				10 uL			
STD5 460-922541/6 IC		8260D				10 uL			
STD20 460-922541/7 ICIS		8260D				20 uL			
STD50 460-922541/8 IC		8260D				50 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 922541 Batch Start Date: 07/23/23 14:59 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00524	GAS Hi 00447	GASES Li 00539	MIX 2 Hi 00138	MIX I Hi 00165	VMTBA500 00036
STD200 460-922541/9 IC		8260D			20 uL		20 uL	20 uL	
STD500 460-922541/10 IC		8260D			50 uL		50 uL	50 uL	
ICV 460-922541/21		8260D		20 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 926363 Batch Start Date: 08/14/23 08:21 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00005	8260ISNEW 00171	8260MIX1COMB 00174
CCVIS 460-926363/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-926363/6		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-926363/11		8260D		5 mL	5 mL			1 uL	
460-285954-A-12	FB0809	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-13	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-4	A-02	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-1	A-15	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-2	ME-8	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-3	ME-113	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-8	A-07	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-9	A-05	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-10	A-09	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-7	A-08	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-14	ME-13	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-A-4 MS	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-285954-A-4 MSD	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00239	ACROLEIN W 00157	GASES Li 00542			
CCVIS 460-926363/5		8260D		1 uL	4 uL	20 uL			
LCS 460-926363/6		8260D		1 uL	4 uL	20 uL			
MB 460-926363/11		8260D		1 uL					
460-285954-A-12	FB0809	8260D	T	1 uL					
460-285954-A-13	Trip Blank	8260D	T	1 uL					
460-285954-A-4	A-02	8260D	T	1 uL					
460-285954-A-1	A-15	8260D	T	1 uL					
460-285954-A-2	ME-8	8260D	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 926363 Batch Start Date: 08/14/23 08:21 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00239	ACROLEIN W 00157	GASES Li 00542			
460-285954-A-3	ME-113	8260D	T	1 uL					
460-285954-A-8	A-07	8260D	T	1 uL					
460-285954-A-9	A-05	8260D	T	1 uL					
460-285954-A-10	A-09	8260D	T	1 uL					
460-285954-A-7	A-08	8260D	T	1 uL					
460-285954-A-14	ME-13	8260D	T	1 uL					
460-285954-A-4 MS	A-02	8260D	T	1 uL	4 uL	20 uL			
460-285954-A-4 MSD	A-02	8260D	T	1 uL	4 uL	20 uL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 926520 Batch Start Date: 08/14/23 20:03 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00005	8260ISNEW 00171	8260MIX1COMB 00174
CCVIS 460-926520/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-926520/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-926520/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-926520/8		8260D		5 mL	5 mL			1 uL	
460-285954-B-11	A-10	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-285954-B-6	A-066	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00239	ACROLEIN W 00157	GASES Li 00542			
CCVIS 460-926520/2		8260D		1 uL	4 uL	20 uL			
LCS 460-926520/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-926520/5		8260D		1 uL	4 uL	20 uL			
MB 460-926520/8		8260D		1 uL					
460-285954-B-11	A-10	8260D	T	1 uL					
460-285954-B-6	A-066	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Batch Number: 926740 Batch Start Date: 08/15/23 20:39 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00005	8260ISNEW 00171	8260MIX1COMB 00174
CCVIS 460-926740/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-926740/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-926740/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-926740/8		8260D		5 mL	5 mL			1 uL	
460-285954-C-5	A-06	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00239	ACROLEIN W 00157	GASES Li 00542			
CCVIS 460-926740/3		8260D		1 uL	4 uL	20 uL			
LCS 460-926740/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-926740/5		8260D		1 uL	4 uL	20 uL			
MB 460-926740/8		8260D		1 uL					
460-285954-C-5	A-06	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

678745

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265952

TAL-8210

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Ben Cancemi	Site Contact: Jake Stamm	Date:	COC No:
Company Name: FPM Group	Tel/Email: bcancemi@fpm-group.com	Lab Contact: Carin Ferris	Carrier:	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 631-737-6200	TAT if different from Below STD			
Fax:	☐ 2 weeks			
Project Name: Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
PO# 10669-19-07	☐ 1 day			

460-285954 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
A-15	8/9/23	7 40	G	GW	3	N	N	X	1
ME-8		8 20							2
MW-113		9 25							3
A-02		10 10			9		Y		* MS/MSD 4
A-06		10 45			3				5
A-066		10 47							6
A-08		11 10							7
A-07		11 50							8
A-05		12 45							9
A-09		13 10							10
~~A-100~~ A-10		13 45							11
FB0809		15 30		AQ					12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
* MS/MSD on A-02, Trip Blank on second Chain

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

	Company	Date/Time	Received by	Company	Date/Time
Relinquished by:	FPM Group	8/9/23			8/10/23 12:40
Relinquished by:					8/10/23 1700
Relinquished by:		8/10/23 1900		EETN	8/10/23 1900

15 16 29

8/17/2023 PM 03

Chain of Custody Record

673108

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265954

TAL-8210

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Ben Canem	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b.canem@fpm-group.com	Lab Contact: Conn Ferris	Carrier:	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling
Project Name: Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			Job / SDG No.
PO# 10166g-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
Trip Blank	8/9/23	15 00		~~AQ~~	3	N	N	X	13

Preservation Used: 1= Ice, 2= HCl, 3= H_2SO_4, 4=HNO_3, 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

* Chain 2 of 2 *

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	FPM Group	8/09/23	Received by:		8/10/23 12:40
Relinquished by:	Company	Date/Time:	Received by:	Company	Date/Time:
Relinquished by:	Company	Date/Time:	Received in Laboratory by:	Company: FEDEX	Date/Time: 8/10/23 1900

1-5 16 2024

Page 579 of 584

8/11/2023 3:03 PM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 265954

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	18 °C	16 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted _____

Preservative Name/Conc.. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials _____ Date _____

Chain of Custody Record

678745

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265952

TAL-8210

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Ben Concemi	Site Contact: Jake Stamm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b concemi@fpm-group.com	Lab Contact: Carin Ferris	Carrier:	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 631-737-6200	TAT if different from Below 5TD			
Fax:	☐ 2 weeks			
Project Name: Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
PO # 10669-19-07	☐ 1 day			

460-285954 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes:
A-15	8/9/23	7 40	G	GW	3	N	N	X	1
ME-8		8 20							2
MW-113		9 25							3
A-02		10 10			9		Y		* MS/MSD 4
A-06		10 45			3				5
A-066		10 47							6
A-08		11 10							7
A-07		11 50							8
A-05		12 45							9
A-09		13 10							10
~~A-05~~ A-10		13 45							11
FB0809		15 30		AQ					12

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments.

* MS/MSD on A-02, Trip Blank on second Chain

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd._____ Corr'd:_____ Therm ID No._____

	Company	Date/Time		Company	Date/Time
Relinquished by:	FPM Group	8/9/23	Received by:		8/10/23 12:40
Relinquished by:			Received by:		8/10/23 1700
Relinquished by:		8/10/23 1900	Received in Laboratory by:	EETN	8/10/23 1900

15 1628 Rq

8/17/2023 3:03 PM

Chain of Custody Record

673108

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265954

TAL-8210

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Ben Caremi	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b.caremi@fpm-group.com	Lab Contact: Conn Ferris	Carrier:	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			Job / SDG No.
PO # 10166g-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
Trip Blank	8/9/23	15 00		~~AQ~~	3	N	N	X	13

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

* Chain 2 of 2 *

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd. _____ Corr'd: _____ | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	FPM Group	8/09/23	Received by:		8/10/23 1240
Relinquished by:	Company	Date/Time:	Received by:	Company	Date/Time: 8/10/23 1240
Relinquished by:	Company	Date/Time: 8/10/23 1900	Received in Laboratory by:	Company: EETN	Date/Time: 8/10/23 1900

1-5 16 2024

8/11/2023 3:08 PM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 265954

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	15 °C	16 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials _____ Date _____

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-285954-1

Login Number: 285954
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 11/28/2023 7:43 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-292871-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

Generated
11/28/2023 7:43 PM

Authorized for release by
Warleny M Infante, Project Management Assistant I
Warleny.Infante@et.eurofinsus.com
Designee for
Carin A Ferris, Senior Project Manager
carin.ferris@et.eurofinsus.com

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-292871-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 11/13/2023 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.9º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-292871-1), ME-8 (460-292871-2), ME-13 (460-292871-3), MW-113 (460-292871-4), A-02 (460-292871-5), A-06 (460-292871-6), A-066 (460-292871-7), A-08 (460-292871-8), A-07 (460-292871-9), A-05 (460-292871-10), A-09 (460-292871-11), A-10 (460-292871-12), FB1108 (460-292871-13) and Trip Blank (460-292871-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/20/2023, 11/21/2023 and 11/22/2023.

Sample A-08 (460-292871-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-946046 recovered above the upper control limit for 1,2-Dichloroethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: A-08 (460-292871-8). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-945897 was outside the method criteria for Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-946160 recovered above the upper control limits for Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-946160 recovered outside control limits for Chloromethane. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Trichloroethene failed the recovery criteria low for the MSD of sample 460-292722-12 in batch 460-945897.

Trichloroethene failed the recovery criteria low for the MS of sample 460-292722-12 in batch 460-945897.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-292871-1	A-15	Water	11/08/23 08:10	11/13/23 18:00
460-292871-2	ME-8	Water	11/08/23 08:50	11/13/23 18:00
460-292871-3	ME-13	Water	11/08/23 09:30	11/13/23 18:00
460-292871-4	MW-113	Water	11/08/23 10:10	11/13/23 18:00
460-292871-5	A-02	Water	11/08/23 10:35	11/13/23 18:00
460-292871-6	A-06	Water	11/08/23 11:10	11/13/23 18:00
460-292871-7	A-066	Water	11/08/23 11:12	11/13/23 18:00
460-292871-8	A-08	Water	11/08/23 11:30	11/13/23 18:00
460-292871-9	A-07	Water	11/08/23 12:15	11/13/23 18:00
460-292871-10	A-05	Water	11/08/23 12:30	11/13/23 18:00
460-292871-11	A-09	Water	11/08/23 12:55	11/13/23 18:00
460-292871-12	A-10	Water	11/08/23 13:20	11/13/23 18:00
460-292871-13	FB1108	Water	11/08/23 13:45	11/13/23 18:00
460-292871-14	Trip Blank	Water	11/08/23 13:50	11/13/23 18:00

Detection Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15 — Lab Sample ID: 460-292871-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.5		1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	13		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-292871-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	240		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-292871-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	330		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.44	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 460-292871-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.9		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-292871-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	14		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-292871-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.41	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	0.98	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	380		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.74	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-292871-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.42	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	1.2		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	390		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.61	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-292871-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	690		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	1.2	J	2.0	0.63	ug/L	2		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-292871-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	15		1.0	0.25	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-05
Lab Sample ID: 460-292871-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	140		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.39	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-09
Lab Sample ID: 460-292871-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-10
Lab Sample ID: 460-292871-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	20		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.70	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB1108
Lab Sample ID: 460-292871-13

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 460-292871-14

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: A-15
Lab Sample ID: 460-292871-1

Date Collected: 11/08/23 08:10
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 03:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 03:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 03:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 03:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 03:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 03:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 03:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 03:12	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 03:12	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 03:12	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 03:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 03:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 03:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 03:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 03:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 03:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 03:12	1
Chloroform	**1.5**		1.0	0.33	ug/L			11/21/23 03:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 03:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 03:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 03:12	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 03:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 03:12	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 03:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 03:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 03:12	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 03:12	1
Tetrachloroethene	**13**		1.0	0.25	ug/L			11/21/23 03:12	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 03:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 03:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 03:12	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 03:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 03:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*11/21/23 03:12*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*11/21/23 03:12*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*11/21/23 03:12*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/21/23 03:12*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-292871-2

Date Collected: 11/08/23 08:50
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 03:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 03:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 03:36	1

Client Sample ID: ME-8
Lab Sample ID: 460-292871-2

Date Collected: 11/08/23 08:50
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 03:36	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 03:36	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 03:36	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 03:36	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 03:36	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 03:36	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 03:36	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 03:36	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 03:36	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 03:36	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 03:36	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 03:36	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 03:36	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 03:36	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 03:36	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 03:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 03:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 03:36	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 03:36	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 03:36	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 03:36	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 03:36	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 03:36	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 03:36	1
Tetrachloroethene	**240**		1.0	0.25	ug/L			11/21/23 03:36	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 03:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 03:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 03:36	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 03:36	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 03:36	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*11/21/23 03:36*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*11/21/23 03:36*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*11/21/23 03:36*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/21/23 03:36*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-292871-3

Date Collected: 11/08/23 09:30
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/22/23 12:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/22/23 12:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/22/23 12:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/22/23 12:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/22/23 12:20	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/22/23 12:20	1

Client Sample ID: ME-13
Lab Sample ID: 460-292871-3

Date Collected: 11/08/23 09:30
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/22/23 12:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/22/23 12:20	1
Acetone	5.0	U	5.0	4.4	ug/L			11/22/23 12:20	1
Benzene	1.0	U	1.0	0.20	ug/L			11/22/23 12:20	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/22/23 12:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/22/23 12:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/22/23 12:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/22/23 12:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/22/23 12:20	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/22/23 12:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/22/23 12:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/22/23 12:20	1
Chloromethane	1.0	U *	1.0	0.40	ug/L			11/22/23 12:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/22/23 12:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/22/23 12:20	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/22/23 12:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/22/23 12:20	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/22/23 12:20	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/22/23 12:20	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/22/23 12:20	1
Styrene	1.0	U	1.0	0.42	ug/L			11/22/23 12:20	1
Tetrachloroethene	**330**		1.0	0.25	ug/L			11/22/23 12:20	1
Toluene	1.0	U	1.0	0.38	ug/L			11/22/23 12:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/22/23 12:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/22/23 12:20	1
Trichloroethene	**0.44**	**J**	1.0	0.31	ug/L			11/22/23 12:20	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/22/23 12:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/22/23 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*11/22/23 12:20*	*1*
4-Bromofluorobenzene	*90*		*76 - 120*		*11/22/23 12:20*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 132*		*11/22/23 12:20*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/22/23 12:20*	*1*

Client Sample ID: MW-113
Lab Sample ID: 460-292871-4

Date Collected: 11/08/23 10:10
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 16:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 16:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 16:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 16:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 16:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 16:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 16:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 16:12	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 16:12	1

Client Sample ID: MW-113
Lab Sample ID: 460-292871-4
Date Collected: 11/08/23 10:10
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 16:12	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 16:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 16:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 16:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 16:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 16:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 16:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 16:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 16:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 16:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 16:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 16:12	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 16:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 16:12	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 16:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 16:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 16:12	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 16:12	1
Tetrachloroethene	**1.9**		1.0	0.25	ug/L			11/21/23 16:12	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 16:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 16:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 16:12	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 16:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 16:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*11/21/23 16:12*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*11/21/23 16:12*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 132*		*11/21/23 16:12*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/21/23 16:12*	*1*

Client Sample ID: A-02
Lab Sample ID: 460-292871-5
Date Collected: 11/08/23 10:35
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 02:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 02:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 02:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 02:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 02:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 02:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 02:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 02:49	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 02:49	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 02:49	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 02:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 02:49	1

Client Sample ID: A-02
Date Collected: 11/08/23 10:35
Date Received: 11/13/23 18:00

Lab Sample ID: 460-292871-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 02:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 02:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 02:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 02:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 02:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 02:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 02:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 02:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 02:49	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 02:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 02:49	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 02:49	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 02:49	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 02:49	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 02:49	1
Tetrachloroethene	**14**		1.0	0.25	ug/L			11/21/23 02:49	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 02:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 02:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 02:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 02:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 02:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*		*11/21/23 02:49*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*11/21/23 02:49*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*11/21/23 02:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/21/23 02:49*	*1*

Client Sample ID: A-06
Date Collected: 11/08/23 11:10
Date Received: 11/13/23 18:00

Lab Sample ID: 460-292871-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 23:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 23:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 23:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 23:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 23:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 23:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 23:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 23:26	1
Acetone	**17**		5.0	4.4	ug/L			11/21/23 23:26	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 23:26	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 23:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 23:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 23:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 23:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 23:26	1

Client Sample ID: A-06
Lab Sample ID: 460-292871-6

Date Collected: 11/08/23 11:10
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 23:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 23:26	1
Chloroform	**0.41**	**J**	1.0	0.33	ug/L			11/21/23 23:26	1
Chloromethane	**0.98**	**J**	1.0	0.40	ug/L			11/21/23 23:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 23:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 23:26	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 23:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 23:26	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 23:26	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 23:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 23:26	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 23:26	1
Tetrachloroethene	**380**		1.0	0.25	ug/L			11/21/23 23:26	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 23:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 23:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 23:26	1
Trichloroethene	**0.74**	**J**	1.0	0.31	ug/L			11/21/23 23:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 23:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*		*11/21/23 23:26*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*11/21/23 23:26*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*11/21/23 23:26*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*11/21/23 23:26*	*1*

Client Sample ID: A-066
Lab Sample ID: 460-292871-7

Date Collected: 11/08/23 11:12
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 23:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 23:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 23:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 23:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 23:52	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 23:52	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 23:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 23:52	1
Acetone	**20**		5.0	4.4	ug/L			11/21/23 23:52	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 23:52	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 23:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 23:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 23:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 23:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 23:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 23:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 23:52	1
Chloroform	**0.42**	**J**	1.0	0.33	ug/L			11/21/23 23:52	1

Client Sample ID: A-066
Lab Sample ID: 460-292871-7

Date Collected: 11/08/23 11:12
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.2**		1.0	0.40	ug/L			11/21/23 23:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 23:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 23:52	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 23:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 23:52	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 23:52	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 23:52	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 23:52	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 23:52	1
Tetrachloroethene	**390**		1.0	0.25	ug/L			11/21/23 23:52	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 23:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 23:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 23:52	1
Trichloroethene	**0.61**	**J**	1.0	0.31	ug/L			11/21/23 23:52	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 23:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 128*		*11/21/23 23:52*	*1*
4-Bromofluorobenzene	*93*		*76 - 120*		*11/21/23 23:52*	*1*
Dibromofluoromethane (Surr)	*108*		*77 - 132*		*11/21/23 23:52*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*11/21/23 23:52*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-292871-8

Date Collected: 11/08/23 11:30
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			11/22/23 00:18	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			11/22/23 00:18	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			11/22/23 00:18	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			11/22/23 00:18	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			11/22/23 00:18	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			11/22/23 00:18	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			11/22/23 00:18	2
2-Hexanone	10	U	10	2.3	ug/L			11/22/23 00:18	2
Acetone	10	U	10	8.8	ug/L			11/22/23 00:18	2
Benzene	2.0	U	2.0	0.41	ug/L			11/22/23 00:18	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			11/22/23 00:18	2
Bromoform	2.0	U	2.0	1.1	ug/L			11/22/23 00:18	2
Bromomethane	2.0	U	2.0	1.1	ug/L			11/22/23 00:18	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			11/22/23 00:18	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			11/22/23 00:18	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			11/22/23 00:18	2
Chloroethane	2.0	U	2.0	0.64	ug/L			11/22/23 00:18	2
Chloroform	2.0	U	2.0	0.65	ug/L			11/22/23 00:18	2
Chloromethane	2.0	U	2.0	0.80	ug/L			11/22/23 00:18	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			11/22/23 00:18	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			11/22/23 00:18	2

Client Sample ID: A-08
Date Collected: 11/08/23 11:30
Date Received: 11/13/23 18:00

Lab Sample ID: 460-292871-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			11/22/23 00:18	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			11/22/23 00:18	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			11/22/23 00:18	2
methyl isobutyl ketone	10	U	10	2.6	ug/L			11/22/23 00:18	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			11/22/23 00:18	2
Styrene	2.0	U	2.0	0.83	ug/L			11/22/23 00:18	2
Tetrachloroethene	**690**		2.0	0.50	ug/L			11/22/23 00:18	2
Toluene	2.0	U	2.0	0.76	ug/L			11/22/23 00:18	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			11/22/23 00:18	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			11/22/23 00:18	2
Trichloroethene	**1.2**	**J**	2.0	0.63	ug/L			11/22/23 00:18	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			11/22/23 00:18	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			11/22/23 00:18	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*70 - 128*		*11/22/23 00:18*	*2*
4-Bromofluorobenzene	*96*		*76 - 120*		*11/22/23 00:18*	*2*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*11/22/23 00:18*	*2*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/22/23 00:18*	*2*

Client Sample ID: A-07
Date Collected: 11/08/23 12:15
Date Received: 11/13/23 18:00

Lab Sample ID: 460-292871-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 17:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 17:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 17:40	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 17:40	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 17:40	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 17:40	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 17:40	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 17:40	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 17:40	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 17:40	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 17:40	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 17:40	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 17:40	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 17:40	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 17:40	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 17:40	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 17:40	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 17:40	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 17:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 17:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 17:40	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 17:40	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 17:40	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 17:40	1

Client Sample ID: A-07
Lab Sample ID: 460-292871-9

Date Collected: 11/08/23 12:15
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 17:40	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 17:40	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 17:40	1
Tetrachloroethene	**15**		1.0	0.25	ug/L			11/21/23 17:40	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 17:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 17:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 17:40	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 17:40	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 17:40	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*11/21/23 17:40*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*11/21/23 17:40*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*11/21/23 17:40*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/21/23 17:40*	*1*

Client Sample ID: A-05
Lab Sample ID: 460-292871-10

Date Collected: 11/08/23 12:30
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 18:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 18:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 18:04	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 18:04	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 18:04	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 18:04	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 18:04	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 18:04	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 18:04	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 18:04	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 18:04	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 18:04	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 18:04	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 18:04	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 18:04	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 18:04	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 18:04	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 18:04	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 18:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 18:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 18:04	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 18:04	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 18:04	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 18:04	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 18:04	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 18:04	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 18:04	1

Client Sample ID: A-05
Lab Sample ID: 460-292871-10

Date Collected: 11/08/23 12:30
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**140**		1.0	0.25	ug/L			11/21/23 18:04	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 18:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 18:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 18:04	1
Trichloroethene	**0.39**	**J**	1.0	0.31	ug/L			11/21/23 18:04	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 18:04	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*11/21/23 18:04*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*11/21/23 18:04*	*1*
Dibromofluoromethane (Surr)	*102*		*77 - 132*		*11/21/23 18:04*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/21/23 18:04*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-292871-11

Date Collected: 11/08/23 12:55
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 18:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 18:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 18:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 18:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 18:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 18:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 18:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 18:28	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 18:28	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 18:28	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 18:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 18:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 18:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 18:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 18:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 18:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 18:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 18:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 18:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 18:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 18:28	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 18:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 18:28	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 18:28	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 18:28	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 18:28	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 18:28	1
Tetrachloroethene	**11**		1.0	0.25	ug/L			11/21/23 18:28	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 18:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 18:28	1

Client Sample ID: A-09
Lab Sample ID: 460-292871-11
Date Collected: 11/08/23 12:55
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 18:28	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 18:28	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 18:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*11/21/23 18:28*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*11/21/23 18:28*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*11/21/23 18:28*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/21/23 18:28*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-292871-12
Date Collected: 11/08/23 13:20
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 22:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 22:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 22:33	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 22:33	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 22:33	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 22:33	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 22:33	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 22:33	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 22:33	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 22:33	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 22:33	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 22:33	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 22:33	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 22:33	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 22:33	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 22:33	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 22:33	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 22:33	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 22:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 22:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 22:33	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 22:33	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 22:33	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 22:33	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 22:33	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 22:33	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 22:33	1
Tetrachloroethene	**20**		1.0	0.25	ug/L			11/21/23 22:33	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 22:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 22:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 22:33	1
Trichloroethene	**0.70**	**J**	1.0	0.31	ug/L			11/21/23 22:33	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 22:33	1

Client Sample ID: A-10
Lab Sample ID: 460-292871-12

Date Collected: 11/08/23 13:20
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 128*		*11/21/23 22:33*	*1*
4-Bromofluorobenzene	*94*		*76 - 120*		*11/21/23 22:33*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*11/21/23 22:33*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/21/23 22:33*	*1*

Client Sample ID: FB1108
Lab Sample ID: 460-292871-13

Date Collected: 11/08/23 13:45
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/20/23 22:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/20/23 22:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/20/23 22:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/20/23 22:52	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/20/23 22:52	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/20/23 22:52	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/20/23 22:52	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/20/23 22:52	1
Acetone	5.0	U	5.0	4.4	ug/L			11/20/23 22:52	1
Benzene	1.0	U	1.0	0.20	ug/L			11/20/23 22:52	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/20/23 22:52	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/20/23 22:52	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/20/23 22:52	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/20/23 22:52	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/20/23 22:52	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/20/23 22:52	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/20/23 22:52	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/20/23 22:52	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/20/23 22:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/20/23 22:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 22:52	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/20/23 22:52	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/20/23 22:52	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/20/23 22:52	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/20/23 22:52	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/20/23 22:52	1
Styrene	1.0	U	1.0	0.42	ug/L			11/20/23 22:52	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/20/23 22:52	1
Toluene	1.0	U	1.0	0.38	ug/L			11/20/23 22:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/20/23 22:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 22:52	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/20/23 22:52	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/20/23 22:52	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/20/23 22:52	1

Client Sample ID: FB1108
Lab Sample ID: 460-292871-13

Date Collected: 11/08/23 13:45
Matrix: Water
Date Received: 11/13/23 18:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*11/20/23 22:52*	*1*
4-Bromofluorobenzene	*95*		*76 - 120*		*11/20/23 22:52*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*11/20/23 22:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/20/23 22:52*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-292871-14

Date Collected: 11/08/23 13:50
Matrix: Water
Date Received: 11/13/23 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/20/23 23:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/20/23 23:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/20/23 23:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/20/23 23:15	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/20/23 23:15	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/20/23 23:15	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/20/23 23:15	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/20/23 23:15	1
Acetone	5.0	U	5.0	4.4	ug/L			11/20/23 23:15	1
Benzene	1.0	U	1.0	0.20	ug/L			11/20/23 23:15	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/20/23 23:15	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/20/23 23:15	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/20/23 23:15	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/20/23 23:15	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/20/23 23:15	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/20/23 23:15	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/20/23 23:15	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/20/23 23:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/20/23 23:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/20/23 23:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 23:15	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/20/23 23:15	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/20/23 23:15	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/20/23 23:15	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/20/23 23:15	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/20/23 23:15	1
Styrene	1.0	U	1.0	0.42	ug/L			11/20/23 23:15	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/20/23 23:15	1
Toluene	1.0	U	1.0	0.38	ug/L			11/20/23 23:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/20/23 23:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 23:15	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/20/23 23:15	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/20/23 23:15	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/20/23 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*11/20/23 23:15*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*11/20/23 23:15*	*1*
Dibromofluoromethane (Surr)	*112*		*77 - 132*		*11/20/23 23:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/20/23 23:15*	*1*

Surrogate Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-292722-A-12 MSD	Matrix Spike Duplicate	84	110	88	99
460-292722-D-12 MS	Matrix Spike	91	118	97	106
460-292871-1	A-15	95	95	103	95
460-292871-2	ME-8	95	95	102	93
460-292871-3	ME-13	107	90	109	103
460-292871-4	MW-113	91	97	103	94
460-292871-5	A-02	99	98	105	98
460-292871-5 MS	A-02	89	110	92	105
460-292871-5 MSD	A-02	89	111	94	103
460-292871-6	A-06	117	93	106	89
460-292871-7	A-066	120	93	108	88
460-292871-8	A-08	120	96	107	90
460-292871-9	A-07	95	96	106	91
460-292871-10	A-05	95	97	102	92
460-292871-11	A-09	94	96	99	92
460-292871-12	A-10	112	94	106	91
460-292871-13	FB1108	92	95	97	97
460-292871-14	Trip Blank	100	100	112	100
LCS 460-945808/4	Lab Control Sample	88	111	92	103
LCS 460-945897/6	Lab Control Sample	91	115	95	105
LCS 460-946046/3	Lab Control Sample	114	99	106	92
LCS 460-946160/5	Lab Control Sample	92	101	94	107
LCSD 460-945808/5	Lab Control Sample Dup	89	114	95	105
LCSD 460-946046/4	Lab Control Sample Dup	117	97	108	91
LCSD 460-946160/6	Lab Control Sample Dup	92	103	96	111
MB 460-945808/9	Method Blank	97	99	101	98
MB 460-945897/10	Method Blank	100	104	105	101
MB 460-946046/9	Method Blank	116	92	106	90
MB 460-946160/9	Method Blank	103	91	107	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-945808/9
Matrix: Water
Analysis Batch: 945808

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/20/23 22:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/20/23 22:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/20/23 22:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/20/23 22:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/20/23 22:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/20/23 22:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/20/23 22:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/20/23 22:29	1
Acetone	5.0	U	5.0	4.4	ug/L			11/20/23 22:29	1
Benzene	1.0	U	1.0	0.20	ug/L			11/20/23 22:29	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/20/23 22:29	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/20/23 22:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/20/23 22:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/20/23 22:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/20/23 22:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/20/23 22:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/20/23 22:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/20/23 22:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/20/23 22:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/20/23 22:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 22:29	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/20/23 22:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/20/23 22:29	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/20/23 22:29	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/20/23 22:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/20/23 22:29	1
Styrene	1.0	U	1.0	0.42	ug/L			11/20/23 22:29	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/20/23 22:29	1
Toluene	1.0	U	1.0	0.38	ug/L			11/20/23 22:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/20/23 22:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/20/23 22:29	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/20/23 22:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/20/23 22:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/20/23 22:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*11/20/23 22:29*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*11/20/23 22:29*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*11/20/23 22:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/20/23 22:29*	*1*

Lab Sample ID: LCS 460-945808/4
Matrix: Water
Analysis Batch: 945808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	16.9		ug/L		85	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	21.2		ug/L		106	63 - 139		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-945808/4
Matrix: Water
Analysis Batch: 945808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125
1,1-Dichloroethane	20.0	18.2		ug/L		91	73 - 130
1,1-Dichloroethene	20.0	15.6		ug/L		78	68 - 133
1,2-Dichloroethane	20.0	17.5		ug/L		87	66 - 129
1,2-Dichloropropane	20.0	18.6		ug/L		93	68 - 128
2-Hexanone	100	85.6		ug/L		86	61 - 134
Acetone	100	86.5		ug/L		86	49 - 149
Benzene	20.0	18.3		ug/L		92	71 - 126
Bromodichloromethane	20.0	18.1		ug/L		91	76 - 121
Bromoform	20.0	19.5		ug/L		97	58 - 136
Bromomethane	20.0	19.3		ug/L		96	10 - 120
Carbon disulfide	20.0	13.8		ug/L		69	68 - 138
Carbon tetrachloride	20.0	15.6		ug/L		78	65 - 142
Chlorobenzene	20.0	17.8		ug/L		89	80 - 120
Chloroethane	20.0	19.1		ug/L		95	48 - 150
Chloroform	20.0	18.1		ug/L		91	78 - 125
Chloromethane	20.0	18.9		ug/L		95	43 - 140
cis-1,2-Dichloroethene	20.0	17.6		ug/L		88	78 - 121
cis-1,3-Dichloropropene	20.0	18.4		ug/L		92	74 - 125
Dibromochloromethane	20.0	19.2		ug/L		96	69 - 130
Ethylbenzene	20.0	17.3		ug/L		87	78 - 120
Methyl Ethyl Ketone	100	86.2		ug/L		86	61 - 142
methyl isobutyl ketone	100	88.2		ug/L		88	69 - 139
Methylene Chloride	20.0	18.2		ug/L		91	74 - 127
Styrene	20.0	17.5		ug/L		87	82 - 127
Tetrachloroethene	20.0	16.8		ug/L		84	70 - 127
Toluene	20.0	17.6		ug/L		88	78 - 120
trans-1,2-Dichloroethene	20.0	16.3		ug/L		81	74 - 126
trans-1,3-Dichloropropene	20.0	18.6		ug/L		93	66 - 127
Trichloroethene	20.0	15.9		ug/L		80	51 - 121
Vinyl chloride	20.0	22.2		ug/L		111	55 - 144
Xylenes, Total	40.0	32.2		ug/L		80	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 460-945808/5
Matrix: Water
Analysis Batch: 945808

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	16.9		ug/L		85	72 - 128	0	30
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/L		107	63 - 139	1	30
1,1,2-Trichloroethane	20.0	21.3		ug/L		107	74 - 125	2	30
1,1-Dichloroethane	20.0	18.8		ug/L		94	73 - 130	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-945808/5
Matrix: Water
Analysis Batch: 945808

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	16.4		ug/L		82	68 - 133	5	30
1,2-Dichloroethane			20.0	17.3		ug/L		87	66 - 129	1	30
1,2-Dichloropropane			20.0	18.0		ug/L		90	68 - 128	4	30
2-Hexanone			100	89.5		ug/L		90	61 - 134	4	30
Acetone			100	89.1		ug/L		89	49 - 149	3	30
Benzene			20.0	19.6		ug/L		98	71 - 126	7	30
Bromodichloromethane			20.0	17.9		ug/L		89	76 - 121	2	30
Bromoform			20.0	18.6		ug/L		93	58 - 136	5	30
Bromomethane			20.0	19.0		ug/L		95	10 - 120	2	30
Carbon disulfide			20.0	13.8		ug/L		69	68 - 138	1	30
Carbon tetrachloride			20.0	16.2		ug/L		81	65 - 142	4	30
Chlorobenzene			20.0	18.5		ug/L		92	80 - 120	4	30
Chloroethane			20.0	19.5		ug/L		98	48 - 150	2	30
Chloroform			20.0	19.0		ug/L		95	78 - 125	5	30
Chloromethane			20.0	21.7		ug/L		109	43 - 140	14	30
cis-1,2-Dichloroethene			20.0	18.6		ug/L		93	78 - 121	5	30
cis-1,3-Dichloropropene			20.0	18.9		ug/L		95	74 - 125	3	30
Dibromochloromethane			20.0	19.5		ug/L		97	69 - 130	1	30
Ethylbenzene			20.0	19.0		ug/L		95	78 - 120	9	30
Methyl Ethyl Ketone			100	89.2		ug/L		89	61 - 142	3	30
methyl isobutyl ketone			100	90.7		ug/L		91	69 - 139	3	30
Methylene Chloride			20.0	18.3		ug/L		92	74 - 127	1	30
Styrene			20.0	18.6		ug/L		93	82 - 127	6	30
Tetrachloroethene			20.0	17.0		ug/L		85	70 - 127	2	30
Toluene			20.0	18.5		ug/L		93	78 - 120	5	30
trans-1,2-Dichloroethene			20.0	17.1		ug/L		85	74 - 126	5	30
trans-1,3-Dichloropropene			20.0	18.6		ug/L		93	66 - 127	0	30
Trichloroethene			20.0	17.1		ug/L		85	51 - 121	7	30
Vinyl chloride			20.0	22.5		ug/L		112	55 - 144	1	30
Xylenes, Total			40.0	34.1		ug/L		85	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*114*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292871-5 MS
Matrix: Water
Analysis Batch: 945808

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	1.0	U	20.0	17.9		ug/L		89	72 - 128		
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.7		ug/L		113	63 - 139		
1,1,2-Trichloroethane	1.0	U	20.0	22.4		ug/L		112	74 - 125		
1,1-Dichloroethane	1.0	U	20.0	18.7		ug/L		94	73 - 130		
1,1-Dichloroethene	1.0	U	20.0	16.8		ug/L		84	68 - 133		
1,2-Dichloroethane	1.0	U	20.0	18.0		ug/L		90	66 - 129		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292871-5 MS
Matrix: Water
Analysis Batch: 945808

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	1.0	U	20.0	20.5		ug/L		103	68 - 128
2-Hexanone	5.0	U	100	87.0		ug/L		87	61 - 134
Acetone	5.0	U	100	83.3		ug/L		83	49 - 149
Benzene	1.0	U	20.0	20.6		ug/L		103	71 - 126
Bromodichloromethane	1.0	U	20.0	18.9		ug/L		95	76 - 121
Bromoform	1.0	U	20.0	20.5		ug/L		103	58 - 136
Bromomethane	1.0	U	20.0	19.9		ug/L		100	10 - 120
Carbon disulfide	1.0	U	20.0	14.6		ug/L		73	68 - 138
Carbon tetrachloride	1.0	U	20.0	16.4		ug/L		82	65 - 142
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
Chloroethane	1.0	U	20.0	20.7		ug/L		103	48 - 150
Chloroform	1.0	U	20.0	20.0		ug/L		100	78 - 125
Chloromethane	1.0	U	20.0	22.5		ug/L		113	43 - 140
cis-1,2-Dichloroethene	1.0	U	20.0	18.6		ug/L		93	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.4		ug/L		97	74 - 125
Dibromochloromethane	1.0	U	20.0	21.1		ug/L		105	69 - 130
Ethylbenzene	1.0	U	20.0	18.9		ug/L		95	78 - 120
Methyl Ethyl Ketone	5.0	U	100	81.6		ug/L		82	61 - 142
methyl isobutyl ketone	5.0	U	100	89.3		ug/L		89	69 - 139
Methylene Chloride	1.0	U	20.0	18.6		ug/L		93	74 - 127
Styrene	1.0	U	20.0	18.3		ug/L		92	82 - 127
Tetrachloroethene	14		20.0	30.9		ug/L		83	70 - 127
Toluene	1.0	U	20.0	19.7		ug/L		98	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	16.4		ug/L		82	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	20.1		ug/L		100	66 - 127
Trichloroethene	1.0	U	20.0	17.1		ug/L		86	51 - 121
Vinyl chloride	1.0	U	20.0	22.5		ug/L		112	55 - 144
Xylenes, Total	2.0	U	40.0	34.8		ug/L		87	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*110*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292871-5 MSD
Matrix: Water
Analysis Batch: 945808

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	17.4		ug/L		87	72 - 128	3	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	23.0		ug/L		115	63 - 139	1	30
1,1,2-Trichloroethane	1.0	U	20.0	21.4		ug/L		107	74 - 125	5	30
1,1-Dichloroethane	1.0	U	20.0	18.8		ug/L		94	73 - 130	0	30
1,1-Dichloroethene	1.0	U	20.0	16.9		ug/L		84	68 - 133	1	30
1,2-Dichloroethane	1.0	U	20.0	18.2		ug/L		91	66 - 129	1	30
1,2-Dichloropropane	1.0	U	20.0	19.3		ug/L		96	68 - 128	6	30
2-Hexanone	5.0	U	100	89.3		ug/L		89	61 - 134	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292871-5 MSD
Matrix: Water
Analysis Batch: 945808

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	5.0	U	100	84.5		ug/L		85	49 - 149	1	30
Benzene	1.0	U	20.0	19.8		ug/L		99	71 - 126	4	30
Bromodichloromethane	1.0	U	20.0	18.7		ug/L		93	76 - 121	1	30
Bromoform	1.0	U	20.0	21.0		ug/L		105	58 - 136	2	30
Bromomethane	1.0	U	20.0	19.5		ug/L		98	10 - 120	2	30
Carbon disulfide	1.0	U	20.0	14.4		ug/L		72	68 - 138	2	30
Carbon tetrachloride	1.0	U	20.0	16.4		ug/L		82	65 - 142	0	30
Chlorobenzene	1.0	U	20.0	18.9		ug/L		95	80 - 120	3	30
Chloroethane	1.0	U	20.0	20.9		ug/L		104	48 - 150	1	30
Chloroform	1.0	U	20.0	20.4		ug/L		102	78 - 125	2	30
Chloromethane	1.0	U	20.0	21.7		ug/L		109	43 - 140	3	30
cis-1,2-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	78 - 121	1	30
cis-1,3-Dichloropropene	1.0	U	20.0	18.6		ug/L		93	74 - 125	4	30
Dibromochloromethane	1.0	U	20.0	19.9		ug/L		99	69 - 130	6	30
Ethylbenzene	1.0	U	20.0	18.2		ug/L		91	78 - 120	4	30
Methyl Ethyl Ketone	5.0	U	100	87.6		ug/L		88	61 - 142	7	30
methyl isobutyl ketone	5.0	U	100	91.3		ug/L		91	69 - 139	2	30
Methylene Chloride	1.0	U	20.0	19.8		ug/L		99	74 - 127	6	30
Styrene	1.0	U	20.0	18.6		ug/L		93	82 - 127	2	30
Tetrachloroethene	14		20.0	29.6		ug/L		77	70 - 127	4	30
Toluene	1.0	U	20.0	19.0		ug/L		95	78 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	74 - 126	6	30
trans-1,3-Dichloropropene	1.0	U	20.0	19.5		ug/L		98	66 - 127	3	30
Trichloroethene	1.0	U	20.0	16.5		ug/L		83	51 - 121	4	30
Vinyl chloride	1.0	U	20.0	22.2		ug/L		111	55 - 144	1	30
Xylenes, Total	2.0	U	40.0	34.2		ug/L		86	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*111*		*76 - 120*
Dibromofluoromethane (Surr)	*94*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 460-945897/10
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 09:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 09:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 09:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 09:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 09:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 09:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 09:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 09:29	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 09:29	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 09:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-945897/10
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 09:29	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 09:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 09:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 09:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 09:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 09:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 09:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 09:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 09:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 09:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 09:29	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 09:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 09:29	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 09:29	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 09:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 09:29	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 09:29	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/21/23 09:29	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 09:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 09:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 09:29	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 09:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 09:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*11/21/23 09:29*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*11/21/23 09:29*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*11/21/23 09:29*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/21/23 09:29*	*1*

Lab Sample ID: LCS 460-945897/6
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	72 - 128
1,1,2,2-Tetrachloroethane	20.0	25.9		ug/L		129	63 - 139
1,1,2-Trichloroethane	20.0	24.9		ug/L		124	74 - 125
1,1-Dichloroethane	20.0	21.8		ug/L		109	73 - 130
1,1-Dichloroethene	20.0	20.9		ug/L		105	68 - 133
1,2-Dichloroethane	20.0	20.8		ug/L		104	66 - 129
1,2-Dichloropropane	20.0	21.5		ug/L		108	68 - 128
2-Hexanone	100	95.6		ug/L		96	61 - 134
Acetone	100	108		ug/L		108	49 - 149
Benzene	20.0	23.8		ug/L		119	71 - 126
Bromodichloromethane	20.0	21.3		ug/L		106	76 - 121
Bromoform	20.0	23.5		ug/L		117	58 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-945897/6
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	15.1		ug/L		76	10 - 120
Carbon disulfide	20.0	20.4		ug/L		102	68 - 138
Carbon tetrachloride	20.0	19.8		ug/L		99	65 - 142
Chlorobenzene	20.0	22.2		ug/L		111	80 - 120
Chloroethane	20.0	17.0		ug/L		85	48 - 150
Chloroform	20.0	22.1		ug/L		110	78 - 125
Chloromethane	20.0	14.9		ug/L		75	43 - 140
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	78 - 121
cis-1,3-Dichloropropene	20.0	22.3		ug/L		112	74 - 125
Dibromochloromethane	20.0	22.1		ug/L		110	69 - 130
Ethylbenzene	20.0	23.0		ug/L		115	78 - 120
Methyl Ethyl Ketone	100	94.5		ug/L		94	61 - 142
methyl isobutyl ketone	100	99.7		ug/L		100	69 - 139
Methylene Chloride	20.0	21.8		ug/L		109	74 - 127
Styrene	20.0	22.3		ug/L		111	82 - 127
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127
Toluene	20.0	22.2		ug/L		111	78 - 120
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	74 - 126
trans-1,3-Dichloropropene	20.0	21.8		ug/L		109	66 - 127
Trichloroethene	20.0	20.3		ug/L		101	51 - 121
Vinyl chloride	20.0	17.9		ug/L		89	55 - 144
Xylenes, Total	40.0	43.1		ug/L		108	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
4-Bromofluorobenzene	*115*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 460-292722-A-12 MSD
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.1		ug/L		95	72 - 128	6	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.7		ug/L		108	63 - 139	9	30
1,1,2-Trichloroethane	1.0	U	20.0	21.9		ug/L		109	74 - 125	7	30
1,1-Dichloroethane	1.0	U	20.0	20.1		ug/L		101	73 - 130	12	30
1,1-Dichloroethene	1.0	U	20.0	19.5		ug/L		97	68 - 133	0	30
1,2-Dichloroethane	1.0	U	20.0	18.9		ug/L		95	66 - 129	3	30
1,2-Dichloropropane	1.0	U	20.0	19.5		ug/L		97	68 - 128	5	30
2-Hexanone	5.0	U	100	89.9		ug/L		90	61 - 134	7	30
Acetone	5.0	U	100	83.5		ug/L		83	49 - 149	13	30
Benzene	1.0	U	20.0	21.1		ug/L		106	71 - 126	10	30
Bromodichloromethane	1.0	U	20.0	18.6		ug/L		93	76 - 121	6	30
Bromoform	1.0	U	20.0	19.3		ug/L		96	58 - 136	1	30
Bromomethane	1.0	U	20.0	13.4		ug/L		67	10 - 120	1	30
Carbon disulfide	1.0	U	20.0	18.8		ug/L		94	68 - 138	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292722-A-12 MSD
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	1.0	U	20.0	18.7		ug/L		94	65 - 142	3	30
Chlorobenzene	1.0	U	20.0	19.7		ug/L		98	80 - 120	3	30
Chloroethane	1.0	U	20.0	15.5		ug/L		78	48 - 150	2	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	10	30
Chloromethane	1.0	U	20.0	14.9		ug/L		74	43 - 140	4	30
cis-1,2-Dichloroethene	3.2		20.0	21.2		ug/L		90	78 - 121	11	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	74 - 125	0	30
Dibromochloromethane	1.0	U	20.0	19.1		ug/L		96	69 - 130	11	30
Ethylbenzene	1.0	U	20.0	19.6		ug/L		98	78 - 120	2	30
Methyl Ethyl Ketone	5.0	U	100	94.7		ug/L		95	61 - 142	9	30
methyl isobutyl ketone	5.0	U	100	94.4		ug/L		94	69 - 139	5	30
Methylene Chloride	1.0	U	20.0	20.2		ug/L		101	74 - 127	4	30
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127	5	30
Tetrachloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 127	8	30
Toluene	1.0	U	20.0	19.9		ug/L		100	78 - 120	6	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	74 - 126	4	30
trans-1,3-Dichloropropene	1.0	U	20.0	20.0		ug/L		100	66 - 127	4	30
Trichloroethene	44		20.0	49.9	*	ug/L		31	51 - 121	2	30
Vinyl chloride	0.30	J	20.0	15.6		ug/L		76	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	35.6		ug/L		89	80 - 120	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*110*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-292722-D-12 MS
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.3		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	23.6		ug/L		118	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	23.4		ug/L		117	74 - 125
1,1-Dichloroethane	1.0	U	20.0	22.6		ug/L		113	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.5		ug/L		97	68 - 133
1,2-Dichloroethane	1.0	U	20.0	19.5		ug/L		98	66 - 129
1,2-Dichloropropane	1.0	U	20.0	20.5		ug/L		103	68 - 128
2-Hexanone	5.0	U	100	83.8		ug/L		84	61 - 134
Acetone	5.0	U	100	95.4		ug/L		95	49 - 149
Benzene	1.0	U	20.0	23.4		ug/L		117	71 - 126
Bromodichloromethane	1.0	U	20.0	19.7		ug/L		98	76 - 121
Bromoform	1.0	U	20.0	19.5		ug/L		97	58 - 136
Bromomethane	1.0	U	20.0	13.3		ug/L		66	10 - 120
Carbon disulfide	1.0	U	20.0	20.0		ug/L		100	68 - 138
Carbon tetrachloride	1.0	U	20.0	19.2		ug/L		96	65 - 142
Chlorobenzene	1.0	U	20.0	20.3		ug/L		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292722-D-12 MS
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	1.0	U	20.0	15.8		ug/L		79	48 - 150
Chloroform	1.0	U	20.0	22.3		ug/L		112	78 - 125
Chloromethane	1.0	U	20.0	14.3		ug/L		71	43 - 140
cis-1,2-Dichloroethene	3.2		20.0	23.7		ug/L		102	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	74 - 125
Dibromochloromethane	1.0	U	20.0	21.4		ug/L		107	69 - 130
Ethylbenzene	1.0	U	20.0	19.9		ug/L		99	78 - 120
Methyl Ethyl Ketone	5.0	U	100	86.3		ug/L		86	61 - 142
methyl isobutyl ketone	5.0	U	100	89.9		ug/L		90	69 - 139
Methylene Chloride	1.0	U	20.0	21.0		ug/L		105	74 - 127
Styrene	1.0	U	20.0	19.9		ug/L		99	82 - 127
Tetrachloroethene	1.0	U	20.0	20.7		ug/L		104	70 - 127
Toluene	1.0	U	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	66 - 127
Trichloroethene	44		20.0	51.0	*	ug/L		37	51 - 121
Vinyl chloride	0.30	J	20.0	15.6		ug/L		77	55 - 144
Xylenes, Total	2.0	U	40.0	39.4		ug/L		98	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
4-Bromofluorobenzene	*118*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 460-946046/9
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 22:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 22:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 22:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 22:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 22:07	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 22:07	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 22:07	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 22:07	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 22:07	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 22:07	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 22:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 22:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 22:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 22:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 22:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 22:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 22:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 22:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-946046/9
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	1.0	U	1.0	0.40	ug/L			11/21/23 22:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/21/23 22:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 22:07	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/21/23 22:07	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/21/23 22:07	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/21/23 22:07	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/21/23 22:07	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/21/23 22:07	1
Styrene	1.0	U	1.0	0.42	ug/L			11/21/23 22:07	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/21/23 22:07	1
Toluene	1.0	U	1.0	0.38	ug/L			11/21/23 22:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/21/23 22:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/21/23 22:07	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/21/23 22:07	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/21/23 22:07	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/21/23 22:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 128*		*11/21/23 22:07*	*1*
4-Bromofluorobenzene	*92*		*76 - 120*		*11/21/23 22:07*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*11/21/23 22:07*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*11/21/23 22:07*	*1*

Lab Sample ID: LCS 460-946046/3
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.4		ug/L		112	72 - 128
1,1,2,2-Tetrachloroethane	20.0	22.0		ug/L		110	63 - 139
1,1,2-Trichloroethane	20.0	23.0		ug/L		115	74 - 125
1,1-Dichloroethane	20.0	22.5		ug/L		113	73 - 130
1,1-Dichloroethene	20.0	20.1		ug/L		101	68 - 133
1,2-Dichloroethane	20.0	25.2		ug/L		126	66 - 129
1,2-Dichloropropane	20.0	22.7		ug/L		113	68 - 128
2-Hexanone	100	85.8		ug/L		86	61 - 134
Acetone	100	89.7		ug/L		90	49 - 149
Benzene	20.0	20.7		ug/L		103	71 - 126
Bromodichloromethane	20.0	23.2		ug/L		116	76 - 121
Bromoform	20.0	23.2		ug/L		116	58 - 136
Bromomethane	20.0	10.9		ug/L		54	10 - 120
Carbon disulfide	20.0	23.0		ug/L		115	68 - 138
Carbon tetrachloride	20.0	22.4		ug/L		112	65 - 142
Chlorobenzene	20.0	21.5		ug/L		107	80 - 120
Chloroethane	20.0	20.5		ug/L		103	48 - 150
Chloroform	20.0	22.6		ug/L		113	78 - 125
Chloromethane	20.0	18.8		ug/L		94	43 - 140
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	78 - 121

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-946046/3
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,3-Dichloropropene			20.0	20.6		ug/L		103	74 - 125		
Dibromochloromethane			20.0	22.2		ug/L		111	69 - 130		
Ethylbenzene			20.0	20.5		ug/L		102	78 - 120		
Methyl Ethyl Ketone			100	84.9		ug/L		85	61 - 142		
methyl isobutyl ketone			100	91.1		ug/L		91	69 - 139		
Methylene Chloride			20.0	22.8		ug/L		114	74 - 127		
Styrene			20.0	20.0		ug/L		100	82 - 127		
Tetrachloroethene			20.0	22.4		ug/L		112	70 - 127		
Toluene			20.0	20.0		ug/L		100	78 - 120		
trans-1,2-Dichloroethene			20.0	22.0		ug/L		110	74 - 126		
trans-1,3-Dichloropropene			20.0	21.2		ug/L		106	66 - 127		
Trichloroethene			20.0	22.1		ug/L		111	51 - 121		
Vinyl chloride			20.0	18.3		ug/L		91	55 - 144		
Xylenes, Total			40.0	41.0		ug/L		102	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*77 - 132*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: LCSD 460-946046/4
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.5		ug/L		103	72 - 128	9	30
1,1,2,2-Tetrachloroethane			20.0	21.1		ug/L		105	63 - 139	4	30
1,1,2-Trichloroethane			20.0	21.5		ug/L		108	74 - 125	7	30
1,1-Dichloroethane			20.0	21.1		ug/L		105	73 - 130	7	30
1,1-Dichloroethene			20.0	18.8		ug/L		94	68 - 133	7	30
1,2-Dichloroethane			20.0	24.7		ug/L		123	66 - 129	2	30
1,2-Dichloropropane			20.0	21.6		ug/L		108	68 - 128	5	30
2-Hexanone			100	89.2		ug/L		89	61 - 134	4	30
Acetone			100	89.1		ug/L		89	49 - 149	1	30
Benzene			20.0	19.0		ug/L		95	71 - 126	8	30
Bromodichloromethane			20.0	22.5		ug/L		112	76 - 121	3	30
Bromoform			20.0	23.0		ug/L		115	58 - 136	1	30
Bromomethane			20.0	11.3		ug/L		57	10 - 120	4	30
Carbon disulfide			20.0	20.3		ug/L		102	68 - 138	12	30
Carbon tetrachloride			20.0	21.1		ug/L		105	65 - 142	6	30
Chlorobenzene			20.0	19.7		ug/L		98	80 - 120	9	30
Chloroethane			20.0	18.1		ug/L		90	48 - 150	13	30
Chloroform			20.0	21.5		ug/L		107	78 - 125	5	30
Chloromethane			20.0	16.9		ug/L		85	43 - 140	10	30
cis-1,2-Dichloroethene			20.0	21.0		ug/L		105	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	19.6		ug/L		98	74 - 125	5	30
Dibromochloromethane			20.0	21.6		ug/L		108	69 - 130	3	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-946046/4
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			20.0	18.8		ug/L		94	78 - 120	9	30
Methyl Ethyl Ketone			100	84.4		ug/L		84	61 - 142	1	30
methyl isobutyl ketone			100	90.4		ug/L		90	69 - 139	1	30
Methylene Chloride			20.0	20.9		ug/L		104	74 - 127	9	30
Styrene			20.0	18.7		ug/L		93	82 - 127	7	30
Tetrachloroethene			20.0	19.7		ug/L		98	70 - 127	13	30
Toluene			20.0	18.7		ug/L		93	78 - 120	7	30
trans-1,2-Dichloroethene			20.0	20.5		ug/L		103	74 - 126	7	30
trans-1,3-Dichloropropene			20.0	20.8		ug/L		104	66 - 127	2	30
Trichloroethene			20.0	20.1		ug/L		100	51 - 121	10	30
Vinyl chloride			20.0	16.9		ug/L		84	55 - 144	8	30
Xylenes, Total			40.0	37.6		ug/L		94	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 128*
4-Bromofluorobenzene	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*77 - 132*
Toluene-d8 (Surr)	*91*		*80 - 120*

Lab Sample ID: MB 460-946160/9
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/22/23 09:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/22/23 09:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/22/23 09:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/22/23 09:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/22/23 09:39	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/22/23 09:39	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/22/23 09:39	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/22/23 09:39	1
Acetone	5.0	U	5.0	4.4	ug/L			11/22/23 09:39	1
Benzene	1.0	U	1.0	0.20	ug/L			11/22/23 09:39	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/22/23 09:39	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/22/23 09:39	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/22/23 09:39	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/22/23 09:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/22/23 09:39	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/22/23 09:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/22/23 09:39	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/22/23 09:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/22/23 09:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/22/23 09:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/22/23 09:39	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			11/22/23 09:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/22/23 09:39	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			11/22/23 09:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-946160/9
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/22/23 09:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/22/23 09:39	1
Styrene	1.0	U	1.0	0.42	ug/L			11/22/23 09:39	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/22/23 09:39	1
Toluene	1.0	U	1.0	0.38	ug/L			11/22/23 09:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/22/23 09:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/22/23 09:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/22/23 09:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/22/23 09:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/22/23 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*11/22/23 09:39*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*11/22/23 09:39*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*11/22/23 09:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/22/23 09:39*	*1*

Lab Sample ID: LCS 460-946160/5
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.5		ug/L		88	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		108	63 - 139
1,1,2-Trichloroethane	20.0	21.1		ug/L		105	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	16.8		ug/L		84	68 - 133
1,2-Dichloroethane	20.0	16.5		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	17.9		ug/L		90	68 - 128
2-Hexanone	100	96.9		ug/L		97	61 - 134
Acetone	100	108		ug/L		108	49 - 149
Benzene	20.0	20.2		ug/L		101	71 - 126
Bromodichloromethane	20.0	17.6		ug/L		88	76 - 121
Bromoform	20.0	20.1		ug/L		101	58 - 136
Bromomethane	20.0	20.9		ug/L		105	10 - 120
Carbon disulfide	20.0	15.7		ug/L		79	68 - 138
Carbon tetrachloride	20.0	17.0		ug/L		85	65 - 142
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120
Chloroethane	20.0	20.7		ug/L		103	48 - 150
Chloroform	20.0	19.0		ug/L		95	78 - 125
Chloromethane	20.0	32.8	*	ug/L		164	43 - 140
cis-1,2-Dichloroethene	20.0	17.9		ug/L		90	78 - 121
cis-1,3-Dichloropropene	20.0	20.1		ug/L		101	74 - 125
Dibromochloromethane	20.0	19.1		ug/L		96	69 - 130
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120
Methyl Ethyl Ketone	100	97.2		ug/L		97	61 - 142
methyl isobutyl ketone	100	98.8		ug/L		99	69 - 139
Methylene Chloride	20.0	18.6		ug/L		93	74 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-946160/5
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	19.4		ug/L		97	82 - 127		
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 127		
Toluene			20.0	19.8		ug/L		99	78 - 120		
trans-1,2-Dichloroethene			20.0	18.3		ug/L		91	74 - 126		
trans-1,3-Dichloropropene			20.0	19.5		ug/L		97	66 - 127		
Trichloroethene			20.0	16.6		ug/L		83	51 - 121		
Vinyl chloride			20.0	25.8		ug/L		129	55 - 144		
Xylenes, Total			40.0	36.8		ug/L		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*94*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: LCSD 460-946160/6
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.8		ug/L		94	72 - 128	7	30
1,1,2,2-Tetrachloroethane			20.0	23.1		ug/L		116	63 - 139	6	30
1,1,2-Trichloroethane			20.0	22.5		ug/L		113	74 - 125	7	30
1,1-Dichloroethane			20.0	19.3		ug/L		96	73 - 130	4	30
1,1-Dichloroethene			20.0	18.5		ug/L		93	68 - 133	10	30
1,2-Dichloroethane			20.0	17.9		ug/L		90	66 - 129	8	30
1,2-Dichloropropane			20.0	18.7		ug/L		94	68 - 128	4	30
2-Hexanone			100	101		ug/L		101	61 - 134	4	30
Acetone			100	116		ug/L		116	49 - 149	7	30
Benzene			20.0	22.0		ug/L		110	71 - 126	9	30
Bromodichloromethane			20.0	18.5		ug/L		92	76 - 121	5	30
Bromoform			20.0	20.9		ug/L		104	58 - 136	4	30
Bromomethane			20.0	22.1		ug/L		110	10 - 120	5	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	4	30
Carbon tetrachloride			20.0	18.1		ug/L		91	65 - 142	7	30
Chlorobenzene			20.0	20.9		ug/L		104	80 - 120	6	30
Chloroethane			20.0	22.1		ug/L		110	48 - 150	7	30
Chloroform			20.0	19.9		ug/L		99	78 - 125	4	30
Chloromethane			20.0	28.5	*	ug/L		143	43 - 140	14	30
cis-1,2-Dichloroethene			20.0	20.0		ug/L		100	78 - 121	11	30
cis-1,3-Dichloropropene			20.0	21.1		ug/L		105	74 - 125	5	30
Dibromochloromethane			20.0	20.9		ug/L		105	69 - 130	9	30
Ethylbenzene			20.0	20.8		ug/L		104	78 - 120	4	30
Methyl Ethyl Ketone			100	97.2		ug/L		97	61 - 142	0	30
methyl isobutyl ketone			100	102		ug/L		102	69 - 139	3	30
Methylene Chloride			20.0	19.7		ug/L		98	74 - 127	5	30
Styrene			20.0	20.7		ug/L		104	82 - 127	6	30
Tetrachloroethene			20.0	19.9		ug/L		99	70 - 127	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-946160/6
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			20.0	21.0		ug/L		105	78 - 120	6	30
trans-1,2-Dichloroethene			20.0	19.1		ug/L		96	74 - 126	5	30
trans-1,3-Dichloropropene			20.0	20.9		ug/L		105	66 - 127	7	30
Trichloroethene			20.0	17.8		ug/L		89	51 - 121	7	30
Vinyl chloride			20.0	25.3		ug/L		127	55 - 144	2	30
Xylenes, Total			40.0	40.4		ug/L		101	80 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 132*
Toluene-d8 (Surr)	*111*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

GC/MS VOA

Analysis Batch: 945808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292871-1	A-15	Total/NA	Water	8260D	
460-292871-2	ME-8	Total/NA	Water	8260D	
460-292871-5	A-02	Total/NA	Water	8260D	
460-292871-13	FB1108	Total/NA	Water	8260D	
460-292871-14	Trip Blank	Total/NA	Water	8260D	
MB 460-945808/9	Method Blank	Total/NA	Water	8260D	
LCS 460-945808/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-945808/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-292871-5 MS	A-02	Total/NA	Water	8260D	
460-292871-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 945897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292871-4	MW-113	Total/NA	Water	8260D	
460-292871-9	A-07	Total/NA	Water	8260D	
460-292871-10	A-05	Total/NA	Water	8260D	
460-292871-11	A-09	Total/NA	Water	8260D	
MB 460-945897/10	Method Blank	Total/NA	Water	8260D	
LCS 460-945897/6	Lab Control Sample	Total/NA	Water	8260D	
460-292722-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	
460-292722-D-12 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 946046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292871-6	A-06	Total/NA	Water	8260D	
460-292871-7	A-066	Total/NA	Water	8260D	
460-292871-8	A-08	Total/NA	Water	8260D	
460-292871-12	A-10	Total/NA	Water	8260D	
MB 460-946046/9	Method Blank	Total/NA	Water	8260D	
LCS 460-946046/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-946046/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 946160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-292871-3	ME-13	Total/NA	Water	8260D	
MB 460-946160/9	Method Blank	Total/NA	Water	8260D	
LCS 460-946160/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-946160/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Client Sample ID: A-15
Lab Sample ID: 460-292871-1
Date Collected: 11/08/23 08:10
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/21/23 03:12

Client Sample ID: ME-8
Lab Sample ID: 460-292871-2
Date Collected: 11/08/23 08:50
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/21/23 03:36

Client Sample ID: ME-13
Lab Sample ID: 460-292871-3
Date Collected: 11/08/23 09:30
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	946160	CJM	EET EDI	11/22/23 12:20

Client Sample ID: MW-113
Lab Sample ID: 460-292871-4
Date Collected: 11/08/23 10:10
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 16:12

Client Sample ID: A-02
Lab Sample ID: 460-292871-5
Date Collected: 11/08/23 10:35
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/21/23 02:49

Client Sample ID: A-06
Lab Sample ID: 460-292871-6
Date Collected: 11/08/23 11:10
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	946046	VBP	EET EDI	11/21/23 23:26

Client Sample ID: A-066
Lab Sample ID: 460-292871-7
Date Collected: 11/08/23 11:12
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	946046	VBP	EET EDI	11/21/23 23:52

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-08
Lab Sample ID: 460-292871-8
Date Collected: 11/08/23 11:30
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	946046	VBP	EET EDI	11/22/23 00:18

Client Sample ID: A-07
Lab Sample ID: 460-292871-9
Date Collected: 11/08/23 12:15
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 17:40

Client Sample ID: A-05
Lab Sample ID: 460-292871-10
Date Collected: 11/08/23 12:30
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 18:04

Client Sample ID: A-09
Lab Sample ID: 460-292871-11
Date Collected: 11/08/23 12:55
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 18:28

Client Sample ID: A-10
Lab Sample ID: 460-292871-12
Date Collected: 11/08/23 13:20
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	946046	VBP	EET EDI	11/21/23 22:33

Client Sample ID: FB1108
Lab Sample ID: 460-292871-13
Date Collected: 11/08/23 13:45
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/20/23 22:52

Client Sample ID: Trip Blank
Lab Sample ID: 460-292871-14
Date Collected: 11/08/23 13:50
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/20/23 23:15

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-292871-1	103	95	95	95
ME-8	460-292871-2	102	95	93	95
ME-13	460-292871-3	109	107	103	90
MW-113	460-292871-4	103	91	94	97
A-02	460-292871-5	105	99	98	98
A-06	460-292871-6	106	117	89	93
A-066	460-292871-7	108	120	88	93
A-08	460-292871-8	107	120	90	96
A-07	460-292871-9	106	95	91	96
A-05	460-292871-10	102	95	92	97
A-09	460-292871-11	99	94	92	96
A-10	460-292871-12	106	112	91	94
FB1108	460-292871-13	97	92	97	95
Trip Blank	460-292871-14	112	100	100	100
	MB 460-945808/9	101	97	98	99
	MB 460-945897/10	105	100	101	104
	MB 460-946046/9	106	116	90	92
	MB 460-946160/9	107	103	105	91
	LCS 460-945808/4	92	88	103	111
	LCS 460-945897/6	95	91	105	115
	LCS 460-946046/3	106	114	92	99
	LCS 460-946160/5	94	92	107	101
	LCSD 460-945808/5	95	89	105	114
	LCSD 460-946046/4	108	117	91	97
	LCSD 460-946160/6	96	92	111	103
A-02 MS	460-292871-5 MS	92	89	105	110
	460-292722-D-12 MS	97	91	106	118
A-02 MSD	460-292871-5 MSD	94	89	103	111
	460-292722-A-12 MSD	88	84	99	110

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73640.D

Lab ID: LCS 460-945808/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.9	85	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.2	106	63-139	
1,1,2-Trichloroethane	20.0	21.0	105	74-125	
1,1-Dichloroethane	20.0	18.2	91	73-130	
1,1-Dichloroethene	20.0	15.6	78	68-133	
1,2-Dichloroethane	20.0	17.5	87	66-129	
1,2-Dichloropropane	20.0	18.6	93	68-128	
2-Hexanone	100	85.6	86	61-134	
Acetone	100	86.5	86	49-149	
Benzene	20.0	18.3	92	71-126	
Bromodichloromethane	20.0	18.1	91	76-121	
Bromoform	20.0	19.5	97	58-136	
Bromomethane	20.0	19.3	96	10-120	
Carbon disulfide	20.0	13.8	69	68-138	
Carbon tetrachloride	20.0	15.6	78	65-142	
Chlorobenzene	20.0	17.8	89	80-120	
Chloroethane	20.0	19.1	95	48-150	
Chloroform	20.0	18.1	91	78-125	
Chloromethane	20.0	18.9	95	43-140	
cis-1,2-Dichloroethene	20.0	17.6	88	78-121	
cis-1,3-Dichloropropene	20.0	18.4	92	74-125	
Dibromochloromethane	20.0	19.2	96	69-130	
Ethylbenzene	20.0	17.3	87	78-120	
Methyl Ethyl Ketone	100	86.2	86	61-142	
methyl isobutyl ketone	100	88.2	88	69-139	
Methylene Chloride	20.0	18.2	91	74-127	
Styrene	20.0	17.5	87	82-127	
Tetrachloroethene	20.0	16.8	84	70-127	
Toluene	20.0	17.6	88	78-120	
trans-1,2-Dichloroethene	20.0	16.3	81	74-126	
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	15.9	80	51-121	
Vinyl chloride	20.0	22.2	111	55-144	
Xylenes, Total	40.0	32.2	80	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73665.D

Lab ID: LCS 460-945897/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.4	102	72-128	
1,1,2,2-Tetrachloroethane	20.0	25.9	129	63-139	
1,1,2-Trichloroethane	20.0	24.9	124	74-125	
1,1-Dichloroethane	20.0	21.8	109	73-130	
1,1-Dichloroethene	20.0	20.9	105	68-133	
1,2-Dichloroethane	20.0	20.8	104	66-129	
1,2-Dichloropropane	20.0	21.5	108	68-128	
2-Hexanone	100	95.6	96	61-134	
Acetone	100	108	108	49-149	
Benzene	20.0	23.8	119	71-126	
Bromodichloromethane	20.0	21.3	106	76-121	
Bromoform	20.0	23.5	117	58-136	
Bromomethane	20.0	15.1	76	10-120	
Carbon disulfide	20.0	20.4	102	68-138	
Carbon tetrachloride	20.0	19.8	99	65-142	
Chlorobenzene	20.0	22.2	111	80-120	
Chloroethane	20.0	17.0	85	48-150	
Chloroform	20.0	22.1	110	78-125	
Chloromethane	20.0	14.9	75	43-140	
cis-1,2-Dichloroethene	20.0	21.5	108	78-121	
cis-1,3-Dichloropropene	20.0	22.3	112	74-125	
Dibromochloromethane	20.0	22.1	110	69-130	
Ethylbenzene	20.0	23.0	115	78-120	
Methyl Ethyl Ketone	100	94.5	94	61-142	
methyl isobutyl ketone	100	99.7	100	69-139	
Methylene Chloride	20.0	21.8	109	74-127	
Styrene	20.0	22.3	111	82-127	
Tetrachloroethene	20.0	21.0	105	70-127	
Toluene	20.0	22.2	111	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	74-126	
trans-1,3-Dichloropropene	20.0	21.8	109	66-127	
Trichloroethene	20.0	20.3	101	51-121	
Vinyl chloride	20.0	17.9	89	55-144	
Xylenes, Total	40.0	43.1	108	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P22078.D

Lab ID: LCS 460-946046/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.4	112	72-128	
1,1,2,2-Tetrachloroethane	20.0	22.0	110	63-139	
1,1,2-Trichloroethane	20.0	23.0	115	74-125	
1,1-Dichloroethane	20.0	22.5	113	73-130	
1,1-Dichloroethene	20.0	20.1	101	68-133	
1,2-Dichloroethane	20.0	25.2	126	66-129	
1,2-Dichloropropane	20.0	22.7	113	68-128	
2-Hexanone	100	85.8	86	61-134	
Acetone	100	89.7	90	49-149	
Benzene	20.0	20.7	103	71-126	
Bromodichloromethane	20.0	23.2	116	76-121	
Bromoform	20.0	23.2	116	58-136	
Bromomethane	20.0	10.9	54	10-120	
Carbon disulfide	20.0	23.0	115	68-138	
Carbon tetrachloride	20.0	22.4	112	65-142	
Chlorobenzene	20.0	21.5	107	80-120	
Chloroethane	20.0	20.5	103	48-150	
Chloroform	20.0	22.6	113	78-125	
Chloromethane	20.0	18.8	94	43-140	
cis-1,2-Dichloroethene	20.0	21.8	109	78-121	
cis-1,3-Dichloropropene	20.0	20.6	103	74-125	
Dibromochloromethane	20.0	22.2	111	69-130	
Ethylbenzene	20.0	20.5	102	78-120	
Methyl Ethyl Ketone	100	84.9	85	61-142	
methyl isobutyl ketone	100	91.1	91	69-139	
Methylene Chloride	20.0	22.8	114	74-127	
Styrene	20.0	20.0	100	82-127	
Tetrachloroethene	20.0	22.4	112	70-127	
Toluene	20.0	20.0	100	78-120	
trans-1,2-Dichloroethene	20.0	22.0	110	74-126	
trans-1,3-Dichloropropene	20.0	21.2	106	66-127	
Trichloroethene	20.0	22.1	111	51-121	
Vinyl chloride	20.0	18.3	91	55-144	
Xylenes, Total	40.0	41.0	102	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73717.D

Lab ID: LCS 460-946160/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.5	88	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.7	108	63-139	
1,1,2-Trichloroethane	20.0	21.1	105	74-125	
1,1-Dichloroethane	20.0	18.5	93	73-130	
1,1-Dichloroethene	20.0	16.8	84	68-133	
1,2-Dichloroethane	20.0	16.5	83	66-129	
1,2-Dichloropropane	20.0	17.9	90	68-128	
2-Hexanone	100	96.9	97	61-134	
Acetone	100	108	108	49-149	
Benzene	20.0	20.2	101	71-126	
Bromodichloromethane	20.0	17.6	88	76-121	
Bromoform	20.0	20.1	101	58-136	
Bromomethane	20.0	20.9	105	10-120	
Carbon disulfide	20.0	15.7	79	68-138	
Carbon tetrachloride	20.0	17.0	85	65-142	
Chlorobenzene	20.0	19.7	98	80-120	
Chloroethane	20.0	20.7	103	48-150	
Chloroform	20.0	19.0	95	78-125	
Chloromethane	20.0	32.8	164	43-140	*
cis-1,2-Dichloroethene	20.0	17.9	90	78-121	
cis-1,3-Dichloropropene	20.0	20.1	101	74-125	
Dibromochloromethane	20.0	19.1	96	69-130	
Ethylbenzene	20.0	20.0	100	78-120	
Methyl Ethyl Ketone	100	97.2	97	61-142	
methyl isobutyl ketone	100	98.8	99	69-139	
Methylene Chloride	20.0	18.6	93	74-127	
Styrene	20.0	19.4	97	82-127	
Tetrachloroethene	20.0	18.7	93	70-127	
Toluene	20.0	19.8	99	78-120	
trans-1,2-Dichloroethene	20.0	18.3	91	74-126	
trans-1,3-Dichloropropene	20.0	19.5	97	66-127	
Trichloroethene	20.0	16.6	83	51-121	
Vinyl chloride	20.0	25.8	129	55-144	
Xylenes, Total	40.0	36.8	92	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73641.D

Lab ID: LCSD 460-945808/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	16.9	85	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	1	30	63-139	
1,1,2-Trichloroethane	20.0	21.3	107	2	30	74-125	
1,1-Dichloroethane	20.0	18.8	94	3	30	73-130	
1,1-Dichloroethene	20.0	16.4	82	5	30	68-133	
1,2-Dichloroethane	20.0	17.3	87	1	30	66-129	
1,2-Dichloropropane	20.0	18.0	90	4	30	68-128	
2-Hexanone	100	89.5	90	4	30	61-134	
Acetone	100	89.1	89	3	30	49-149	
Benzene	20.0	19.6	98	7	30	71-126	
Bromodichloromethane	20.0	17.9	89	2	30	76-121	
Bromoform	20.0	18.6	93	5	30	58-136	
Bromomethane	20.0	19.0	95	2	30	10-120	
Carbon disulfide	20.0	13.8	69	1	30	68-138	
Carbon tetrachloride	20.0	16.2	81	4	30	65-142	
Chlorobenzene	20.0	18.5	92	4	30	80-120	
Chloroethane	20.0	19.5	98	2	30	48-150	
Chloroform	20.0	19.0	95	5	30	78-125	
Chloromethane	20.0	21.7	109	14	30	43-140	
cis-1,2-Dichloroethene	20.0	18.6	93	5	30	78-121	
cis-1,3-Dichloropropene	20.0	18.9	95	3	30	74-125	
Dibromochloromethane	20.0	19.5	97	1	30	69-130	
Ethylbenzene	20.0	19.0	95	9	30	78-120	
Methyl Ethyl Ketone	100	89.2	89	3	30	61-142	
methyl isobutyl ketone	100	90.7	91	3	30	69-139	
Methylene Chloride	20.0	18.3	92	1	30	74-127	
Styrene	20.0	18.6	93	6	30	82-127	
Tetrachloroethene	20.0	17.0	85	2	30	70-127	
Toluene	20.0	18.5	93	5	30	78-120	
trans-1,2-Dichloroethene	20.0	17.1	85	5	30	74-126	
trans-1,3-Dichloropropene	20.0	18.6	93	0	30	66-127	
Trichloroethene	20.0	17.1	85	7	30	51-121	
Vinyl chloride	20.0	22.5	112	1	30	55-144	
Xylenes, Total	40.0	34.1	85	6	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P22079.D

Lab ID: LCSD 460-946046/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.5	103	9	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	4	30	63-139	
1,1,2-Trichloroethane	20.0	21.5	108	7	30	74-125	
1,1-Dichloroethane	20.0	21.1	105	7	30	73-130	
1,1-Dichloroethene	20.0	18.8	94	7	30	68-133	
1,2-Dichloroethane	20.0	24.7	123	2	30	66-129	
1,2-Dichloropropane	20.0	21.6	108	5	30	68-128	
2-Hexanone	100	89.2	89	4	30	61-134	
Acetone	100	89.1	89	1	30	49-149	
Benzene	20.0	19.0	95	8	30	71-126	
Bromodichloromethane	20.0	22.5	112	3	30	76-121	
Bromoform	20.0	23.0	115	1	30	58-136	
Bromomethane	20.0	11.3	57	4	30	10-120	
Carbon disulfide	20.0	20.3	102	12	30	68-138	
Carbon tetrachloride	20.0	21.1	105	6	30	65-142	
Chlorobenzene	20.0	19.7	98	9	30	80-120	
Chloroethane	20.0	18.1	90	13	30	48-150	
Chloroform	20.0	21.5	107	5	30	78-125	
Chloromethane	20.0	16.9	85	10	30	43-140	
cis-1,2-Dichloroethene	20.0	21.0	105	4	30	78-121	
cis-1,3-Dichloropropene	20.0	19.6	98	5	30	74-125	
Dibromochloromethane	20.0	21.6	108	3	30	69-130	
Ethylbenzene	20.0	18.8	94	9	30	78-120	
Methyl Ethyl Ketone	100	84.4	84	1	30	61-142	
methyl isobutyl ketone	100	90.4	90	1	30	69-139	
Methylene Chloride	20.0	20.9	104	9	30	74-127	
Styrene	20.0	18.7	93	7	30	82-127	
Tetrachloroethene	20.0	19.7	98	13	30	70-127	
Toluene	20.0	18.7	93	7	30	78-120	
trans-1,2-Dichloroethene	20.0	20.5	103	7	30	74-126	
trans-1,3-Dichloropropene	20.0	20.8	104	2	30	66-127	
Trichloroethene	20.0	20.1	100	10	30	51-121	
Vinyl chloride	20.0	16.9	84	8	30	55-144	
Xylenes, Total	40.0	37.6	94	9	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73718.D

Lab ID: LCSD 460-946160/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.8	94	7	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.1	116	6	30	63-139	
1,1,2-Trichloroethane	20.0	22.5	113	7	30	74-125	
1,1-Dichloroethane	20.0	19.3	96	4	30	73-130	
1,1-Dichloroethene	20.0	18.5	93	10	30	68-133	
1,2-Dichloroethane	20.0	17.9	90	8	30	66-129	
1,2-Dichloropropane	20.0	18.7	94	4	30	68-128	
2-Hexanone	100	101	101	4	30	61-134	
Acetone	100	116	116	7	30	49-149	
Benzene	20.0	22.0	110	9	30	71-126	
Bromodichloromethane	20.0	18.5	92	5	30	76-121	
Bromoform	20.0	20.9	104	4	30	58-136	
Bromomethane	20.0	22.1	110	5	30	10-120	
Carbon disulfide	20.0	16.4	82	4	30	68-138	
Carbon tetrachloride	20.0	18.1	91	7	30	65-142	
Chlorobenzene	20.0	20.9	104	6	30	80-120	
Chloroethane	20.0	22.1	110	7	30	48-150	
Chloroform	20.0	19.9	99	4	30	78-125	
Chloromethane	20.0	28.5	143	14	30	43-140	*
cis-1,2-Dichloroethene	20.0	20.0	100	11	30	78-121	
cis-1,3-Dichloropropene	20.0	21.1	105	5	30	74-125	
Dibromochloromethane	20.0	20.9	105	9	30	69-130	
Ethylbenzene	20.0	20.8	104	4	30	78-120	
Methyl Ethyl Ketone	100	97.2	97	0	30	61-142	
methyl isobutyl ketone	100	102	102	3	30	69-139	
Methylene Chloride	20.0	19.7	98	5	30	74-127	
Styrene	20.0	20.7	104	6	30	82-127	
Tetrachloroethene	20.0	19.9	99	6	30	70-127	
Toluene	20.0	21.0	105	6	30	78-120	
trans-1,2-Dichloroethene	20.0	19.1	96	5	30	74-126	
trans-1,3-Dichloropropene	20.0	20.9	105	7	30	66-127	
Trichloroethene	20.0	17.8	89	7	30	51-121	
Vinyl chloride	20.0	25.3	127	2	30	55-144	
Xylenes, Total	40.0	40.4	101	9	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73652.D

Lab ID: 460-292871-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	17.9	89	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	22.7	113	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	22.4	112	74-125	
1,1-Dichloroethane	20.0	1.0 U	18.7	94	73-130	
1,1-Dichloroethene	20.0	1.0 U	16.8	84	68-133	
1,2-Dichloroethane	20.0	1.0 U	18.0	90	66-129	
1,2-Dichloropropane	20.0	1.0 U	20.5	103	68-128	
2-Hexanone	100	5.0 U	87.0	87	61-134	
Acetone	100	5.0 U	83.3	83	49-149	
Benzene	20.0	1.0 U	20.6	103	71-126	
Bromodichloromethane	20.0	1.0 U	18.9	95	76-121	
Bromoform	20.0	1.0 U	20.5	103	58-136	
Bromomethane	20.0	1.0 U	19.9	100	10-120	
Carbon disulfide	20.0	1.0 U	14.6	73	68-138	
Carbon tetrachloride	20.0	1.0 U	16.4	82	65-142	
Chlorobenzene	20.0	1.0 U	19.4	97	80-120	
Chloroethane	20.0	1.0 U	20.7	103	48-150	
Chloroform	20.0	1.0 U	20.0	100	78-125	
Chloromethane	20.0	1.0 U	22.5	113	43-140	
cis-1,2-Dichloroethene	20.0	1.0 U	18.6	93	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.4	97	74-125	
Dibromochloromethane	20.0	1.0 U	21.1	105	69-130	
Ethylbenzene	20.0	1.0 U	18.9	95	78-120	
Methyl Ethyl Ketone	100	5.0 U	81.6	82	61-142	
methyl isobutyl ketone	100	5.0 U	89.3	89	69-139	
Methylene Chloride	20.0	1.0 U	18.6	93	74-127	
Styrene	20.0	1.0 U	18.3	92	82-127	
Tetrachloroethene	20.0	14	30.9	83	70-127	
Toluene	20.0	1.0 U	19.7	98	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	16.4	82	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	20.1	100	66-127	
Trichloroethene	20.0	1.0 U	17.1	86	51-121	
Vinyl chloride	20.0	1.0 U	22.5	112	55-144	
Xylenes, Total	40.0	2.0 U	34.8	87	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73681.D

Lab ID: 460-292722-D-12 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	20.3	101	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	23.6	118	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	23.4	117	74-125	
1,1-Dichloroethane	20.0	1.0 U	22.6	113	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.5	97	68-133	
1,2-Dichloroethane	20.0	1.0 U	19.5	98	66-129	
1,2-Dichloropropane	20.0	1.0 U	20.5	103	68-128	
2-Hexanone	100	5.0 U	83.8	84	61-134	
Acetone	100	5.0 U	95.4	95	49-149	
Benzene	20.0	1.0 U	23.4	117	71-126	
Bromodichloromethane	20.0	1.0 U	19.7	98	76-121	
Bromoform	20.0	1.0 U	19.5	97	58-136	
Bromomethane	20.0	1.0 U	13.3	66	10-120	
Carbon disulfide	20.0	1.0 U	20.0	100	68-138	
Carbon tetrachloride	20.0	1.0 U	19.2	96	65-142	
Chlorobenzene	20.0	1.0 U	20.3	101	80-120	
Chloroethane	20.0	1.0 U	15.8	79	48-150	
Chloroform	20.0	1.0 U	22.3	112	78-125	
Chloromethane	20.0	1.0 U	14.3	71	43-140	
cis-1,2-Dichloroethene	20.0	3.2	23.7	102	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	19.2	96	74-125	
Dibromochloromethane	20.0	1.0 U	21.4	107	69-130	
Ethylbenzene	20.0	1.0 U	19.9	99	78-120	
Methyl Ethyl Ketone	100	5.0 U	86.3	86	61-142	
methyl isobutyl ketone	100	5.0 U	89.9	90	69-139	
Methylene Chloride	20.0	1.0 U	21.0	105	74-127	
Styrene	20.0	1.0 U	19.9	99	82-127	
Tetrachloroethene	20.0	1.0 U	20.7	104	70-127	
Toluene	20.0	1.0 U	21.2	106	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	20.6	103	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	19.2	96	66-127	
Trichloroethene	20.0	44	51.0	37	51-121	*
Vinyl chloride	20.0	0.30 J	15.6	77	55-144	
Xylenes, Total	40.0	2.0 U	39.4	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73653.D

Lab ID: 460-292871-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	17.4	87	3	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	23.0	115	1	30	63-139	
1,1,2-Trichloroethane	20.0	21.4	107	5	30	74-125	
1,1-Dichloroethane	20.0	18.8	94	0	30	73-130	
1,1-Dichloroethene	20.0	16.9	84	1	30	68-133	
1,2-Dichloroethane	20.0	18.2	91	1	30	66-129	
1,2-Dichloropropane	20.0	19.3	96	6	30	68-128	
2-Hexanone	100	89.3	89	3	30	61-134	
Acetone	100	84.5	85	1	30	49-149	
Benzene	20.0	19.8	99	4	30	71-126	
Bromodichloromethane	20.0	18.7	93	1	30	76-121	
Bromoform	20.0	21.0	105	2	30	58-136	
Bromomethane	20.0	19.5	98	2	30	10-120	
Carbon disulfide	20.0	14.4	72	2	30	68-138	
Carbon tetrachloride	20.0	16.4	82	0	30	65-142	
Chlorobenzene	20.0	18.9	95	3	30	80-120	
Chloroethane	20.0	20.9	104	1	30	48-150	
Chloroform	20.0	20.4	102	2	30	78-125	
Chloromethane	20.0	21.7	109	3	30	43-140	
cis-1,2-Dichloroethene	20.0	18.8	94	1	30	78-121	
cis-1,3-Dichloropropene	20.0	18.6	93	4	30	74-125	
Dibromochloromethane	20.0	19.9	99	6	30	69-130	
Ethylbenzene	20.0	18.2	91	4	30	78-120	
Methyl Ethyl Ketone	100	87.6	88	7	30	61-142	
methyl isobutyl ketone	100	91.3	91	2	30	69-139	
Methylene Chloride	20.0	19.8	99	6	30	74-127	
Styrene	20.0	18.6	93	2	30	82-127	
Tetrachloroethene	20.0	29.6	77	4	30	70-127	
Toluene	20.0	19.0	95	3	30	78-120	
trans-1,2-Dichloroethene	20.0	17.4	87	6	30	74-126	
trans-1,3-Dichloropropene	20.0	19.5	98	3	30	66-127	
Trichloroethene	20.0	16.5	83	4	30	51-121	
Vinyl chloride	20.0	22.2	111	1	30	55-144	
Xylenes, Total	40.0	34.2	86	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N73682.D

Lab ID: 460-292722-A-12 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	95	6	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.7	108	9	30	63-139	
1,1,2-Trichloroethane	20.0	21.9	109	7	30	74-125	
1,1-Dichloroethane	20.0	20.1	101	12	30	73-130	
1,1-Dichloroethene	20.0	19.5	97	0	30	68-133	
1,2-Dichloroethane	20.0	18.9	95	3	30	66-129	
1,2-Dichloropropane	20.0	19.5	97	5	30	68-128	
2-Hexanone	100	89.9	90	7	30	61-134	
Acetone	100	83.5	83	13	30	49-149	
Benzene	20.0	21.1	106	10	30	71-126	
Bromodichloromethane	20.0	18.6	93	6	30	76-121	
Bromoform	20.0	19.3	96	1	30	58-136	
Bromomethane	20.0	13.4	67	1	30	10-120	
Carbon disulfide	20.0	18.8	94	6	30	68-138	
Carbon tetrachloride	20.0	18.7	94	3	30	65-142	
Chlorobenzene	20.0	19.7	98	3	30	80-120	
Chloroethane	20.0	15.5	78	2	30	48-150	
Chloroform	20.0	20.2	101	10	30	78-125	
Chloromethane	20.0	14.9	74	4	30	43-140	
cis-1,2-Dichloroethene	20.0	21.2	90	11	30	78-121	
cis-1,3-Dichloropropene	20.0	19.2	96	0	30	74-125	
Dibromochloromethane	20.0	19.1	96	11	30	69-130	
Ethylbenzene	20.0	19.6	98	2	30	78-120	
Methyl Ethyl Ketone	100	94.7	95	9	30	61-142	
methyl isobutyl ketone	100	94.4	94	5	30	69-139	
Methylene Chloride	20.0	20.2	101	4	30	74-127	
Styrene	20.0	18.8	94	5	30	82-127	
Tetrachloroethene	20.0	19.2	96	8	30	70-127	
Toluene	20.0	19.9	100	6	30	78-120	
trans-1,2-Dichloroethene	20.0	19.9	99	4	30	74-126	
trans-1,3-Dichloropropene	20.0	20.0	100	4	30	66-127	
Trichloroethene	20.0	49.9	31	2	30	51-121	*
Vinyl chloride	20.0	15.6	76	0	30	55-144	
Xylenes, Total	40.0	35.6	89	10	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: N73645.D Lab Sample ID: MB 460-945808/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS11 Date Analyzed: 11/20/2023 22:29

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-945808/4	N73640.D	11/20/2023 20:19
	LCSD 460-945808/5	N73641.D	11/20/2023 20:42
FB1108	460-292871-13	N73646.D	11/20/2023 22:52
Trip Blank	460-292871-14	N73647.D	11/20/2023 23:15
A-02 MS	460-292871-5 MS	N73652.D	11/21/2023 01:14
A-02 MSD	460-292871-5 MSD	N73653.D	11/21/2023 01:38
A-02	460-292871-5	N73656.D	11/21/2023 02:49
A-15	460-292871-1	N73657.D	11/21/2023 03:12
ME-8	460-292871-2	N73658.D	11/21/2023 03:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: N73669.D Lab Sample ID: MB 460-945897/10

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS11 Date Analyzed: 11/21/2023 09:29

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-945897/6	N73665.D	11/21/2023 07:54
	460-292722-D-12 MS	N73681.D	11/21/2023 14:37
	460-292722-A-12 MSD	N73682.D	11/21/2023 15:01
MW-113	460-292871-4	N73685.D	11/21/2023 16:12
A-07	460-292871-9	N73688.D	11/21/2023 17:40
A-05	460-292871-10	N73689.D	11/21/2023 18:04
A-09	460-292871-11	N73690.D	11/21/2023 18:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: P22084.D Lab Sample ID: MB 460-946046/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 11/21/2023 22:07

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-946046/3	P22078.D	11/21/2023 19:30
	LCSD 460-946046/4	P22079.D	11/21/2023 19:56
A-10	460-292871-12	P22085.D	11/21/2023 22:33
A-06	460-292871-6	P22087.D	11/21/2023 23:26
A-066	460-292871-7	P22088.D	11/21/2023 23:52
A-08	460-292871-8	P22089.D	11/22/2023 00:18

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: N73721.D Lab Sample ID: MB 460-946160/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS11 Date Analyzed: 11/22/2023 09:39

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-946160/5	N73717.D	11/22/2023 08:04
	LCSD 460-946160/6	N73718.D	11/22/2023 08:28
ME-13	460-292871-3	N73727.D	11/22/2023 12:20

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: N72802.D BFB Injection Date: 10/31/2023

Instrument ID: CVOAMS11 BFB Injection Time: 02:51

Analysis Batch No.: 941666

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	152.9
96	5 - 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	65.4
175	5 - 9% of m/z 174	7.8
176	95 -105% of m/z 174	96.3
177	5 - 10% of m/z 176	6.1

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-941666/3	N72804.D	10/31/2023	3:38
	STD1 460-941666/4	N72805.D	10/31/2023	4:01
	STD5 460-941666/5	N72806.D	10/31/2023	4:25
	STD20 460-941666/6	N72807.D	10/31/2023	4:48
	STD50 460-941666/7	N72808.D	10/31/2023	5:11
	STD200 460-941666/23	N72824.D	10/31/2023	13:26
	STD500 460-941666/24	N72825.D	10/31/2023	13:49
	ICV 460-941666/31	N72832.D	10/31/2023	18:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab File ID: P198032A.D BFB Injection Date: 09/23/2023

Instrument ID: CVOAMS13 BFB Injection Time: 02:46

Analysis Batch No.: 933881

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	136.4
96	5 - 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	73.3
175	5 - 9% of m/z 174	7.7
176	95 -105% of m/z 174	96.9
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-933881/3	P198034.D	09/23/2023	3:34
	STD1 460-933881/4	P198035.D	09/23/2023	4:00
	STD20 460-933881/6	P198037.D	09/23/2023	4:52
	STD50 460-933881/7	P198038.D	09/23/2023	5:18
	STD200 460-933881/8	P198039.D	09/23/2023	5:44
	STD500 460-933881/9	P198040.D	09/23/2023	6:10
	STD5 460-933881/20	P198051.D	09/23/2023	13:58
	ICV 460-933881/21	P198052.D	09/23/2023	14:24

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: STD20 460-941666/6 Date Analyzed: 10/31/2023 04:48

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N72807.D Heated Purge: (Y/N) N

Calibration ID: 94898

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		92232	1.87	255013	2.61	456892	3.52
UPPER LIMIT		184464	2.37	510026	3.11	913784	4.02
LOWER LIMIT		46116	1.37	127507	2.11	228446	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-941666/31		86713	1.87	298837	2.60	510707	3.51

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: STD20 460-941666/6 Date Analyzed: 10/31/2023 04:48

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N72807.D Heated Purge: (Y/N) N

Calibration ID: 94898

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		28082	4.13	351791	6.60	199206	9.57
UPPER LIMIT		56164	4.63	703582	7.10	398412	10.07
LOWER LIMIT		14041	3.63	175896	6.10	99603	9.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-941666/31		31190	4.12	412901	6.60	213166	9.57

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-945808/2 Date Analyzed: 11/20/2023 19:31

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73638.D Heated Purge: (Y/N) N

Calibration ID: 94898

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		83444	1.88	234746	2.61	397151	3.52
UPPER LIMIT		166888	2.38	469492	3.11	794302	4.02
LOWER LIMIT		41722	1.38	117373	2.11	198576	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-945808/4		79006	1.86	254334	2.60	391669	3.51
LCSD 460-945808/5		81667	1.87	249268	2.60	404512	3.51
MB 460-945808/9		78265	1.88	228479	2.60	358543	3.51
460-292871-13	FB1108	71797	1.87	256890	2.60	373882	3.51
460-292871-14	Trip Blank	79698	1.88	224048	2.60	349888	3.52
460-292871-5 MS	A-02 MS	90294	1.87	250530	2.60	406650	3.51
460-292871-5 MSD	A-02 MSD	80362	1.87	238890	2.60	399136	3.51
460-292871-5	A-02	83914	1.87	216053	2.60	341605	3.51
460-292871-1	A-15	77133	1.86	216293	2.60	350088	3.51
460-292871-2	ME-8	82223	1.87	215624	2.60	355999	3.51

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-945808/2 Date Analyzed: 11/20/2023 19:31

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73638.D Heated Purge: (Y/N) N

Calibration ID: 94898

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		20850	4.12	264696	6.60	144187	9.56
UPPER LIMIT		41700	4.62	529392	7.10	288374	10.06
LOWER LIMIT		10425	3.62	132348	6.10	72094	9.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-945808/4		22596	4.12	281497	6.59	151436	9.57
LCSD 460-945808/5		26127	4.12	277878	6.60	151822	9.56
MB 460-945808/9		18801	4.12	263709	6.59	122170	9.56
460-292871-13	FB1108	16483	4.12	265063	6.59	119921	9.56
460-292871-14	Trip Blank	16504	4.13	238773	6.60	114280	9.57
460-292871-5 MS	A-02 MS	20236	4.12	280641	6.60	151317	9.57
460-292871-5 MSD	A-02 MSD	26627	4.12	283000	6.60	149025	9.56
460-292871-5	A-02	17128	4.12	248233	6.60	119170	9.56
460-292871-1	A-15	19560	4.13	252567	6.60	116620	9.56
460-292871-2	ME-8	18194	4.12	255877	6.60	120180	9.56

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-945897/5 Date Analyzed: 11/21/2023 07:30

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73664.D Heated Purge: (Y/N) N

Calibration ID: 94898

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		77929	1.88	243008	2.60	393637	3.52
UPPER LIMIT		155858	2.38	486016	3.10	787274	4.02
LOWER LIMIT		38965	1.38	121504	2.10	196819	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-945897/6		81480	1.90	269089	2.60	419050	3.52
MB 460-945897/10		81531	1.88	236055	2.60	359170	3.52
460-292722-D-12 MS		76824	1.88	246367	2.60	407980	3.52
460-292722-A-12 MSD		86798	1.87	239052	2.60	423944	3.51
460-292871-4	MW-113	86940	1.89	232351	2.60	368731	3.51
460-292871-9	A-07	78485	1.87	222604	2.60	363125	3.51
460-292871-10	A-05	76209	1.87	197734	2.61	342798	3.51
460-292871-11	A-09	80595	1.87	215733	2.60	359864	3.51

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-945897/5 Date Analyzed: 11/21/2023 07:30

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73664.D Heated Purge: (Y/N) N

Calibration ID: 94898

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21770	4.12	270568	6.60	150358	9.56
UPPER LIMIT		43540	4.62	541136	7.10	300716	10.06
LOWER LIMIT		10885	3.62	135284	6.10	75179	9.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-945897/6		23052	4.12	291565	6.60	153685	9.56
MB 460-945897/10		19411	4.12	246722	6.60	116945	9.56
460-292722-D-12 MS		21657	4.12	274103	6.60	158427	9.56
460-292722-A-12 MSD		26646	4.12	300355	6.60	162875	9.56
460-292871-4	MW-113	18836	4.12	258832	6.60	125042	9.57
460-292871-9	A-07	14755	4.12	272537	6.60	126563	9.57
460-292871-10	A-05	17411	4.13	260483	6.60	114777	9.56
460-292871-11	A-09	17633	4.12	269033	6.59	123228	9.56

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-946160/4 Date Analyzed: 11/22/2023 07:40

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73716.D Heated Purge: (Y/N) N

Calibration ID: 94898

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		70836	1.86	209494	2.61	447756	3.52
UPPER LIMIT		141672	2.36	418988	3.11	895512	4.02
LOWER LIMIT		35418	1.36	104747	2.11	223878	3.02
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-946160/5		72599	1.90	236242	2.61	496241	3.52
LCSD 460-946160/6		76008	1.87	238622	2.61	480790	3.52
MB 460-946160/9		72369	1.90	216468	2.60	412729	3.52
460-292871-3	ME-13	73256	1.86	206656	2.61	380356	3.52

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-946160/4 Date Analyzed: 11/22/2023 07:40

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): N73716.D Heated Purge: (Y/N) N

Calibration ID: 94898

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23196	4.12	312911	6.60	166267	9.56
UPPER LIMIT		46392	4.62	625822	7.10	332534	10.06
LOWER LIMIT		11598	3.62	156456	6.10	83134	9.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-946160/5		26395	4.13	334130	6.60	174682	9.56
LCSD 460-946160/6		26321	4.12	319266	6.60	168100	9.56
MB 460-946160/9		20447	4.13	286102	6.60	134217	9.56
460-292871-3	ME-13	19926	4.12	280626	6.60	125730	9.56

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: STD20 460-933881/6 Date Analyzed: 09/23/2023 04:52

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P198037.D Heated Purge: (Y/N) N

Calibration ID: 94479

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		135741	2.31	223259	3.42	748597	4.05
UPPER LIMIT		271482	2.81	446518	3.92	1497194	4.55
LOWER LIMIT		67871	1.81	111630	2.92	374299	3.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-933881/21		126840	2.31	207644	3.42	614189	4.06

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: STD20 460-933881/6 Date Analyzed: 09/23/2023 04:52

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P198037.D Heated Purge: (Y/N) N

Calibration ID: 94479

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		19405	4.96	544968	7.59	266228	11.17
UPPER LIMIT		38810	5.46	1089936	8.09	532456	11.67
LOWER LIMIT		9703	4.46	272484	7.09	133114	10.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-933881/21		16955	4.96	460981	7.59	238987	11.17

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-946046/2 Date Analyzed: 11/21/2023 19:04

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P22077.D Heated Purge: (Y/N) N

Calibration ID: 94479

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		151783	2.31	274247	3.42	758256	4.05
UPPER LIMIT		303566	2.81	548494	3.92	1516512	4.55
LOWER LIMIT		75892	1.81	137124	2.92	379128	3.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-946046/3		202060	2.31	360612	3.42	808941	4.05
LCSD 460-946046/4		191908	2.31	368086	3.42	809520	4.05
MB 460-946046/9		161891	2.31	313822	3.42	772611	4.05
460-292871-12	A-10	157314	2.31	311623	3.42	779370	4.05
460-292871-6	A-06	175158	2.31	328606	3.42	759423	4.05
460-292871-7	A-066	180005	2.31	339142	3.42	754664	4.05
460-292871-8	A-08	186066	2.31	348904	3.42	754943	4.05

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Sample No.: CCVIS 460-946046/2 Date Analyzed: 11/21/2023 19:04

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P22077.D Heated Purge: (Y/N) N

Calibration ID: 94479

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21702	4.95	594336	7.58	349981	11.16
UPPER LIMIT		43404	5.45	1188672	8.08	699962	11.66
LOWER LIMIT		10851	4.45	297168	7.08	174991	10.66
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-946046/3		27905	4.95	645687	7.58	368785	11.16
LCSD 460-946046/4		30163	4.95	657385	7.58	373586	11.16
MB 460-946046/9		24296	4.95	638587	7.58	347748	11.16
460-292871-12	A-10	22456	4.96	631118	7.58	346279	11.16
460-292871-6	A-06	23993	4.96	629775	7.58	350509	11.16
460-292871-7	A-066	26015	4.96	634182	7.58	343567	11.16
460-292871-8	A-08	27503	4.95	616936	7.58	346049	11.16

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-292871-1

Matrix: Water | Lab File ID: N73657.D

Analysis Method: 8260D | Date Collected: 11/08/2023 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 03:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.5		1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	13		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-292871-1

Matrix: Water | Lab File ID: N73657.D

Analysis Method: 8260D | Date Collected: 11/08/2023 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 03:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73657.D
Lims ID: 460-292871-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 21-Nov-2023 03:12:30 ALS Bottle#: 37 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-1
Misc. Info.: 460-0169153-021
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:57:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.859	1.883	-0.024	100	77133	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	216293	250.0	
53 Chloroform	83	2.869	2.881	-0.012	97	5797	1.51	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	97	113626	51.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	101803	47.3	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	350088	50.0	
* 73 1,4-Dioxane-d8	96	4.128	4.122	0.006	98	19560	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	306069	47.4	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	22992	13.0	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	252567	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	91	86520	47.7	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	116620	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

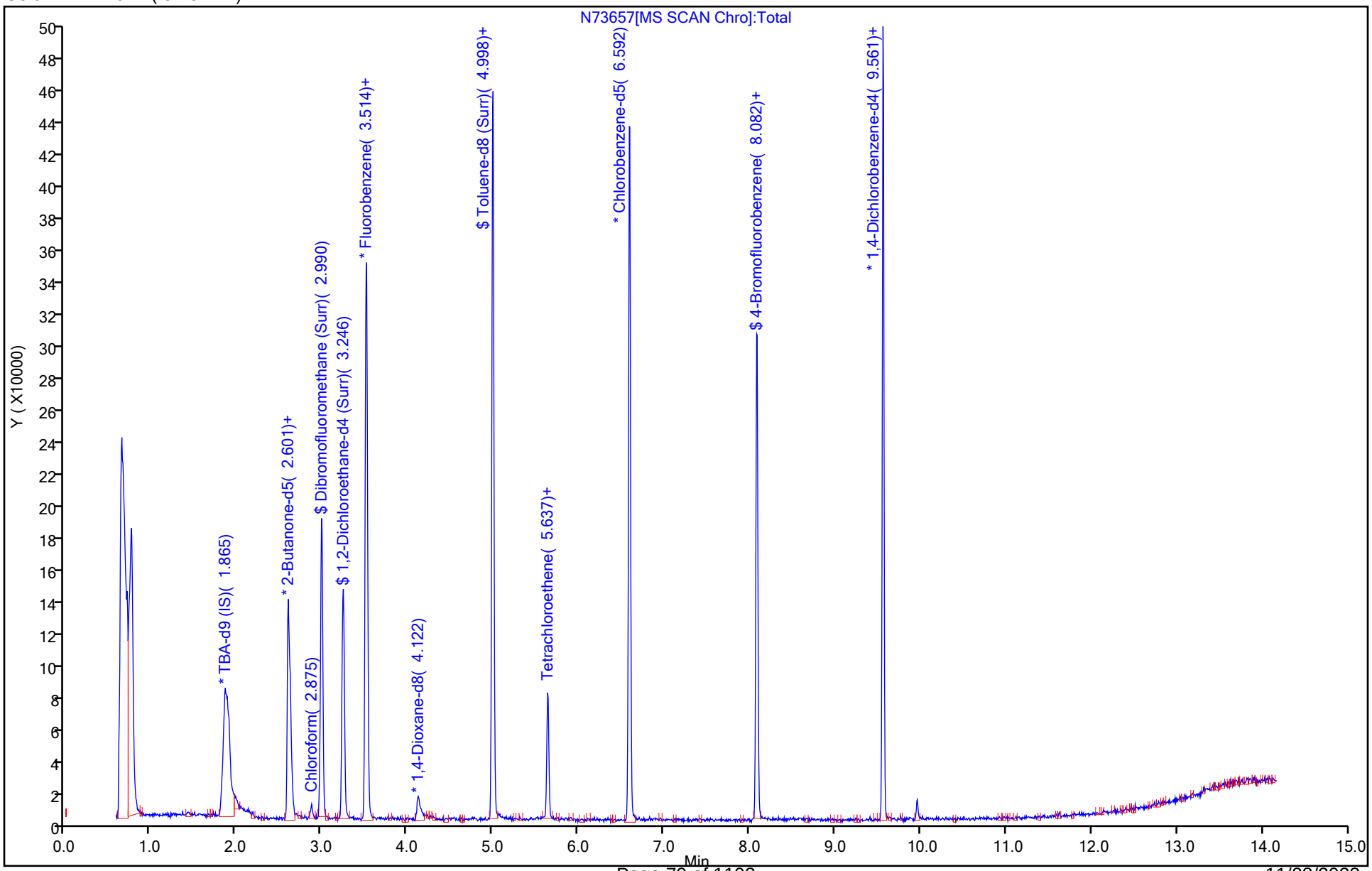
Report Date: 21-Nov-2023 13:57:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73657.D

Injection Date:	21-Nov-2023 03:12:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-1	Lab Sample ID:	460-292871-1	Worklist Smp#:	21
Client ID:	A-15				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73657.D
Lims ID: 460-292871-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 21-Nov-2023 03:12:30 ALS Bottle#: 37 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-1
Misc. Info.: 460-0169153-021
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:57:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.7	103.31
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.69
$ 84 Toluene-d8 (Surr)	50.0	47.4	94.77
$ 106 4-Bromofluorobenzene	50.0	47.7	95.44

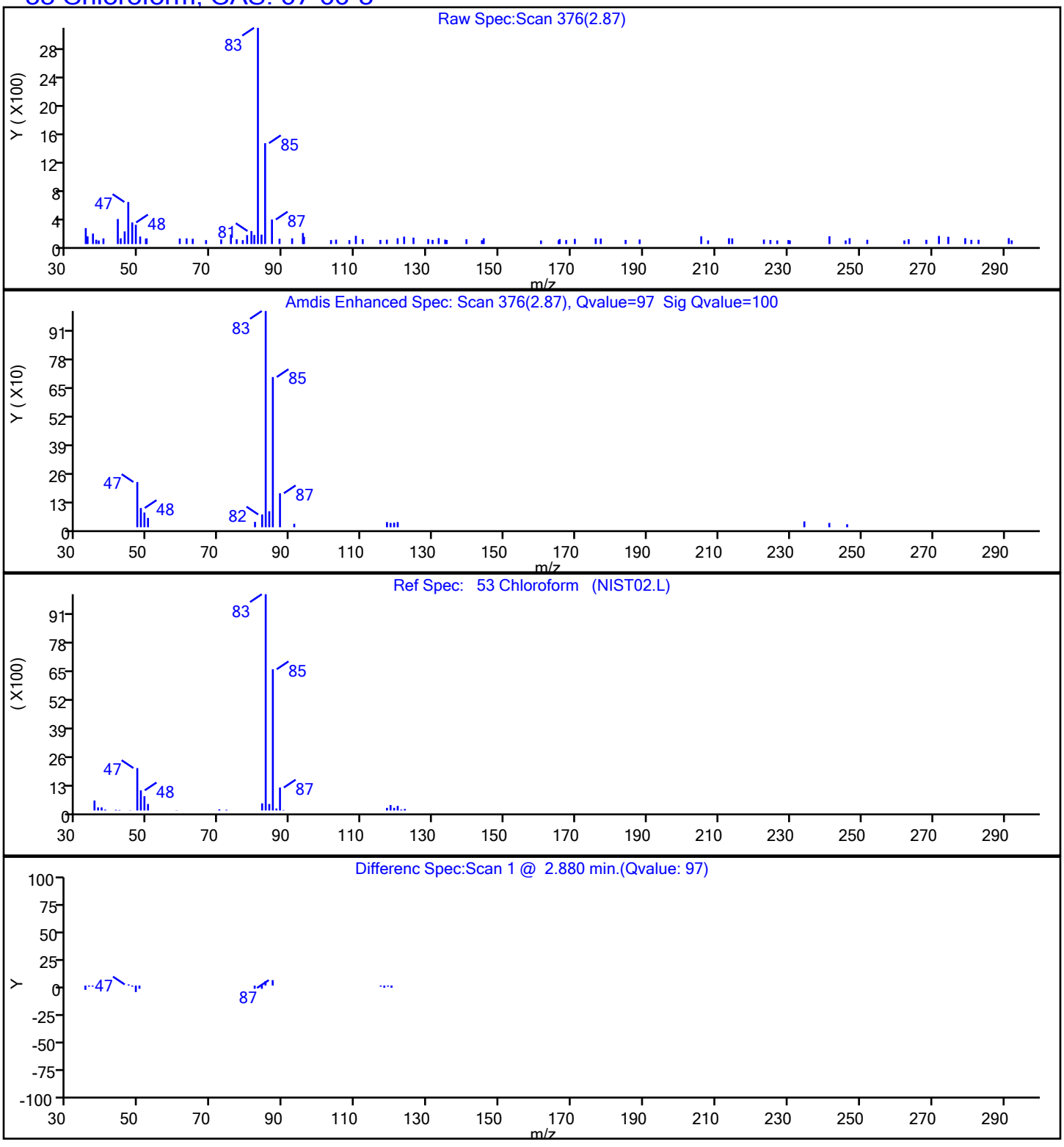
Report Date: 21-Nov-2023 13:57:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73657.D

Injection Date:	21-Nov-2023 03:12:30	Instrument ID:	CVOAMS11
Lims ID:	460-292871-A-1	Lab Sample ID:	460-292871-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	37 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

53 Chloroform, CAS: 67-66-3



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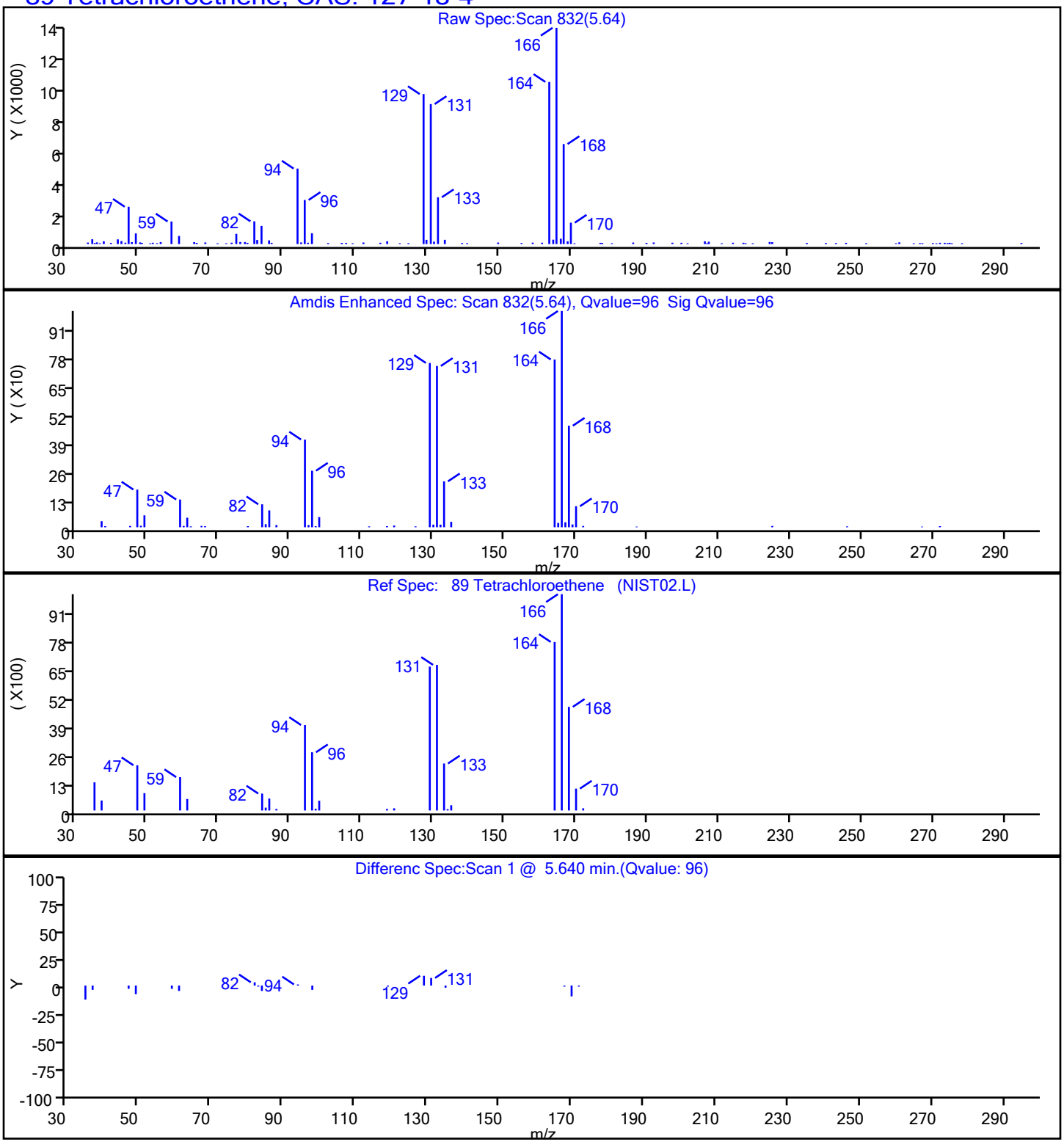
Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73657.D		
Injection Date:	21-Nov-2023 03:12:30	Instrument ID:	CVOAMS11
Lims ID:	460-292871-A-1	Lab Sample ID:	460-292871-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	37 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

89 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-292871-2

Matrix: Water | Lab File ID: N73658.D

Analysis Method: 8260D | Date Collected: 11/08/2023 08:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 03:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	240		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: ME-8 Lab Sample ID: 460-292871-2

Matrix: Water Lab File ID: N73658.D

Analysis Method: 8260D Date Collected: 11/08/2023 08:50

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 03:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945808 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73658.D
Lims ID: 460-292871-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 21-Nov-2023 03:36:30 ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-2
Misc. Info.: 460-0169153-022
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:58:30 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.865	1.883	-0.018	100	82223	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	215624	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.997	3.003	-0.006	95	113821	50.9	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	104148	47.6	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	355999	50.0	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	95	18194	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	305505	46.7	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	428187	238.1	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	255877	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	90	87317	47.5	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	120180	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

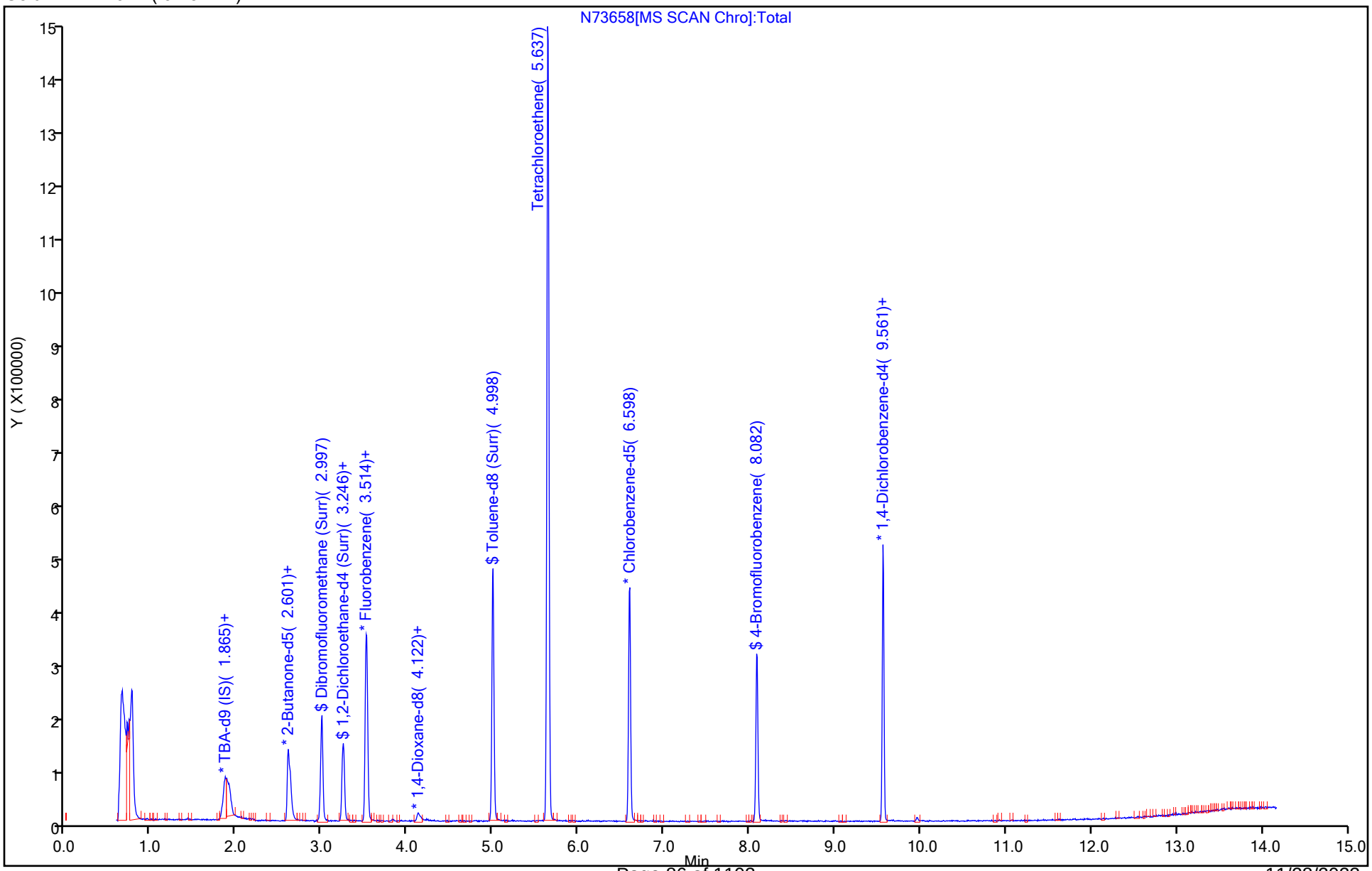
Report Date: 21-Nov-2023 13:58:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73658.D

Injection Date:	21-Nov-2023 03:36:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-2	Lab Sample ID:	460-292871-2	Worklist Smp#:	22
Client ID:	ME-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73658.D
Lims ID: 460-292871-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 21-Nov-2023 03:36:30 ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-2
Misc. Info.: 460-0169153-022
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:58:30 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.9	101.77
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.26
$ 84 Toluene-d8 (Surr)	50.0	46.7	93.38
$ 106 4-Bromofluorobenzene	50.0	47.5	95.08

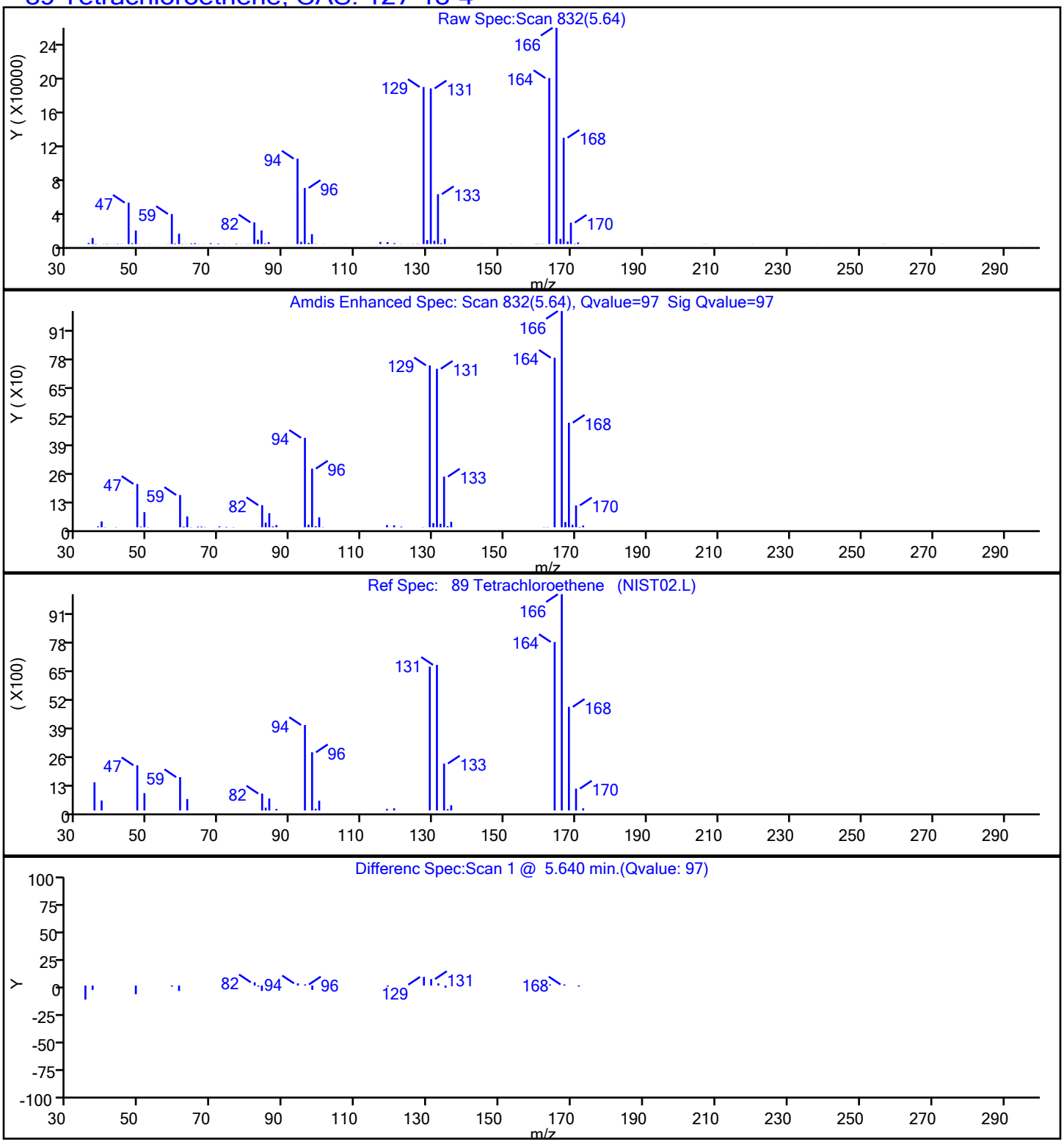
Report Date: 21-Nov-2023 13:58:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73658.D

Injection Date:	21-Nov-2023 03:36:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-2	Lab Sample ID:	460-292871-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Tetrachloroethene, CAS: 127-18-4



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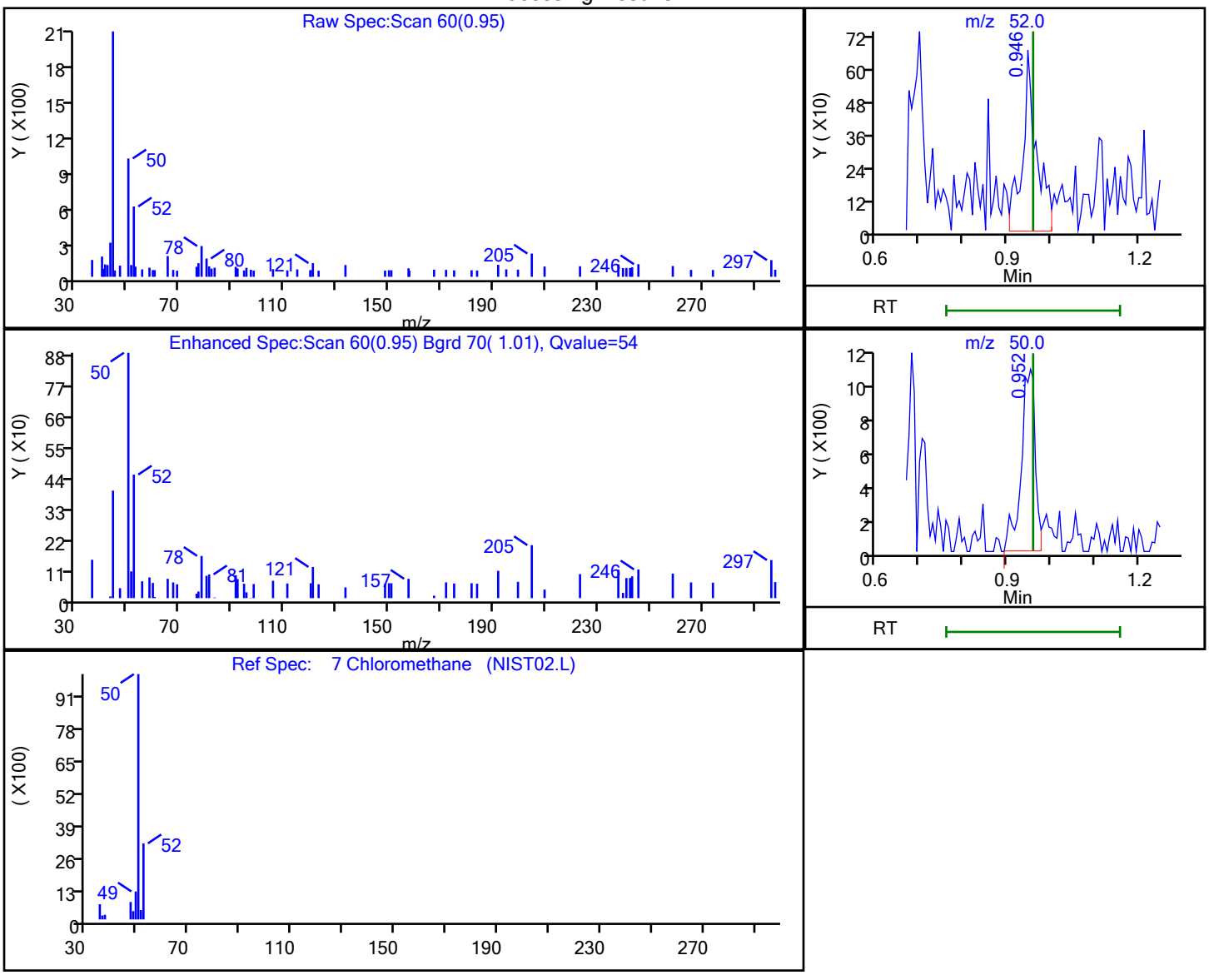
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73658.D				
Injection Date:	21-Nov-2023 03:36:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-2	Lab Sample ID:	460-292871-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	38	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.95	52.00	1491	1.321673
0.95	50.00	2391	

Reviewer: XE5L, 21-Nov-2023 13:58:27 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-292871-3

Matrix: Water | Lab File ID: N73727.D

Analysis Method: 8260D | Date Collected: 11/08/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U *	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	330		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.44	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-292871-3

Matrix: Water | Lab File ID: N73727.D

Analysis Method: 8260D | Date Collected: 11/08/2023 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946160 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	90		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D
Lims ID: 460-292871-C-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 22-Nov-2023 12:20:30 ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-C-3
Misc. Info.: 460-0169233-015
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: W9CM Date: 22-Nov-2023 12:49:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.859	1.859	0.000	100	73256	1000.0	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	96	206656	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.991	2.990	0.001	97	130465	54.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	124646	53.4	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	380356	50.0	
69 Trichloroethene	95	3.836	3.830	0.006	59	960	0.4356	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	96	19926	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	98	369598	51.5	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	643297	326.1	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	280626	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	90	90510	44.9	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	125730	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

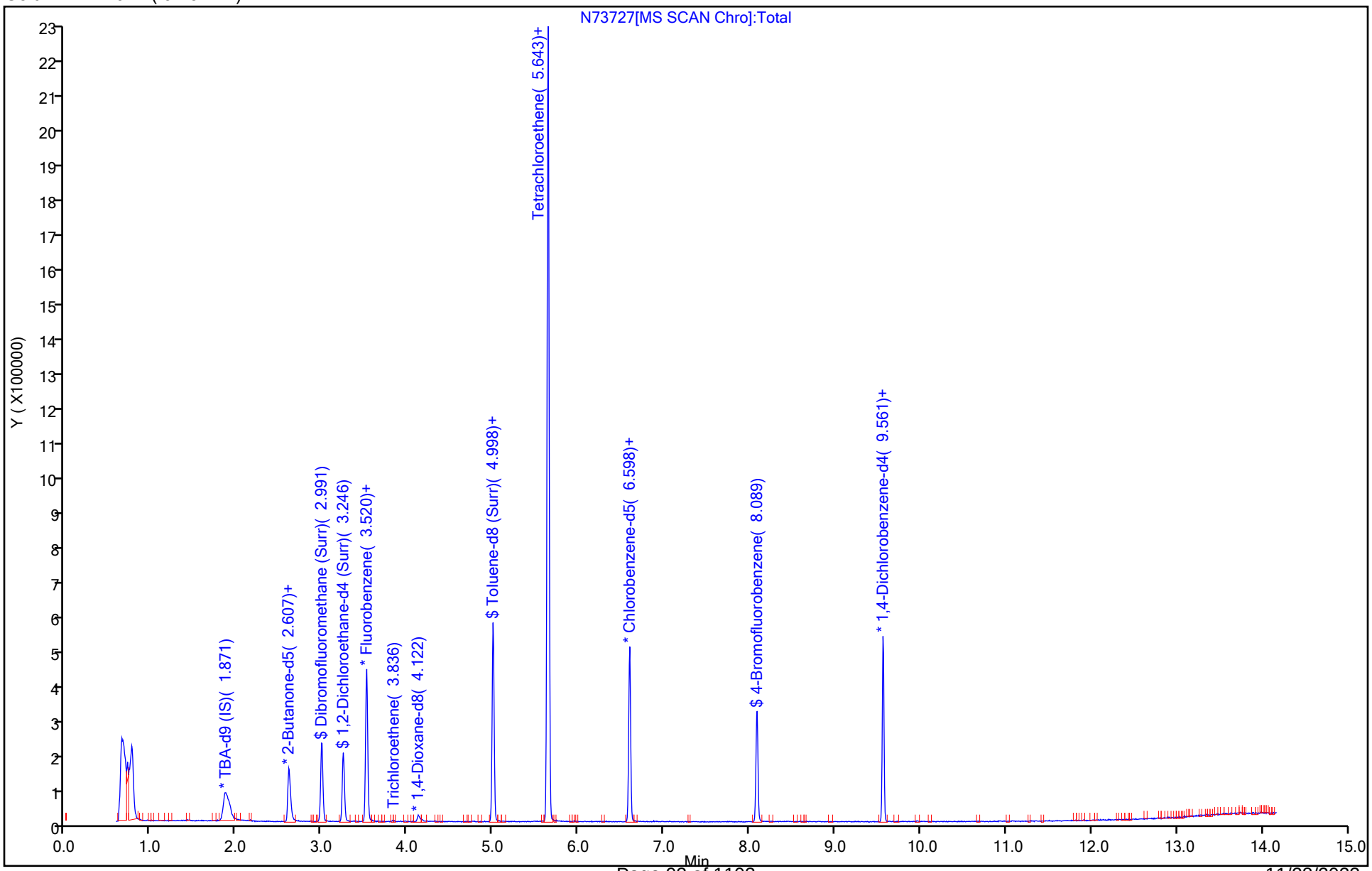
Report Date: 22-Nov-2023 14:22:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D

Injection Date:	22-Nov-2023 12:20:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-C-3	Lab Sample ID:	460-292871-3	Worklist Smp#:	15
Client ID:	ME-13				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	31
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D
Lims ID: 460-292871-C-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 22-Nov-2023 12:20:30 ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-C-3
Misc. Info.: 460-0169233-015
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

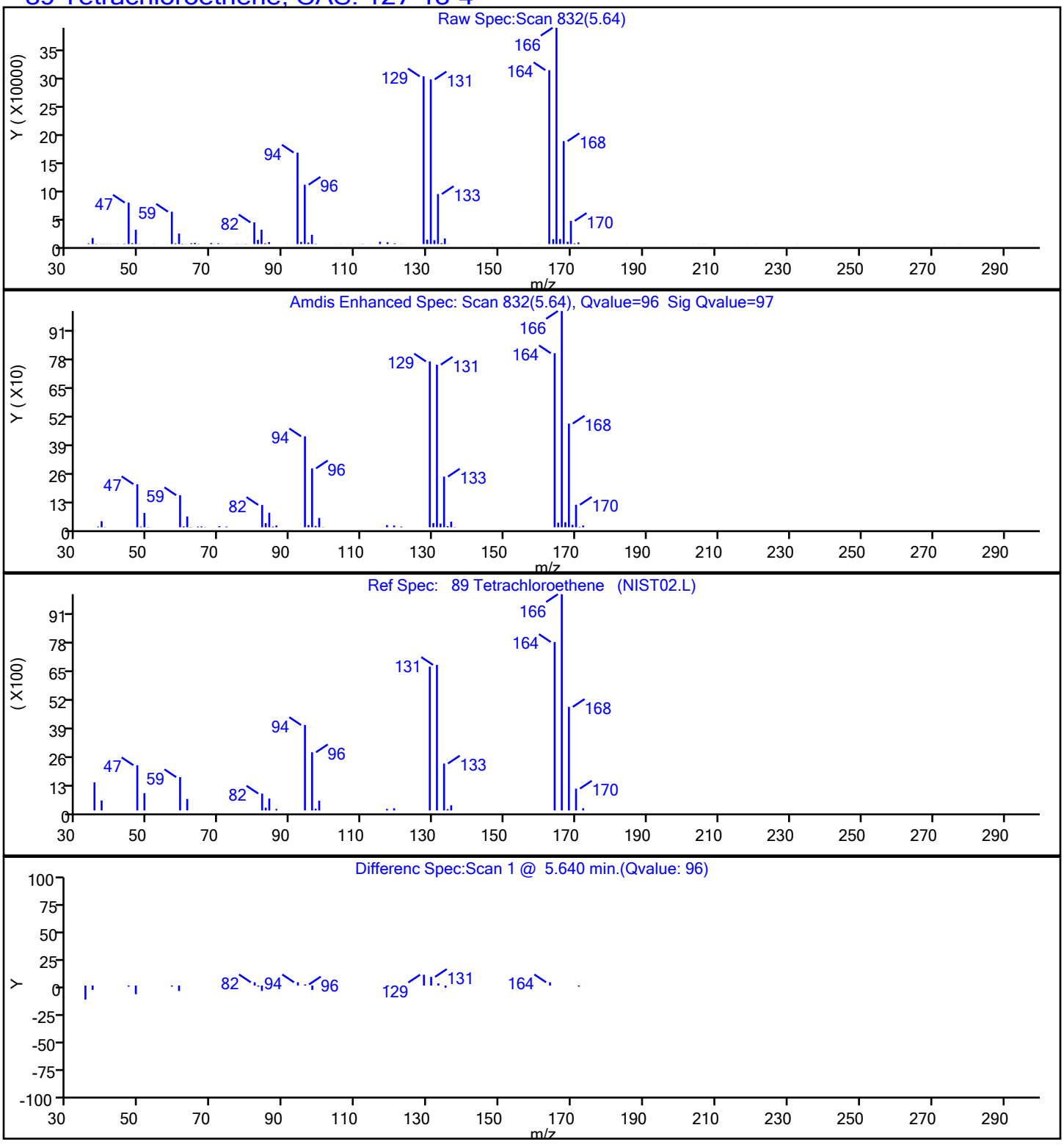
First Level Reviewer: W9CM Date: 22-Nov-2023 12:49:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	54.6	109.18
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.71
$ 84 Toluene-d8 (Surr)	50.0	51.5	103.00
$ 106 4-Bromofluorobenzene	50.0	44.9	89.86

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D
Injection Date: 22-Nov-2023 12:20:30 Instrument ID: CVOAMS11
Lims ID: 460-292871-C-3 Lab Sample ID: 460-292871-3
Client ID: ME-13
Operator ID: ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

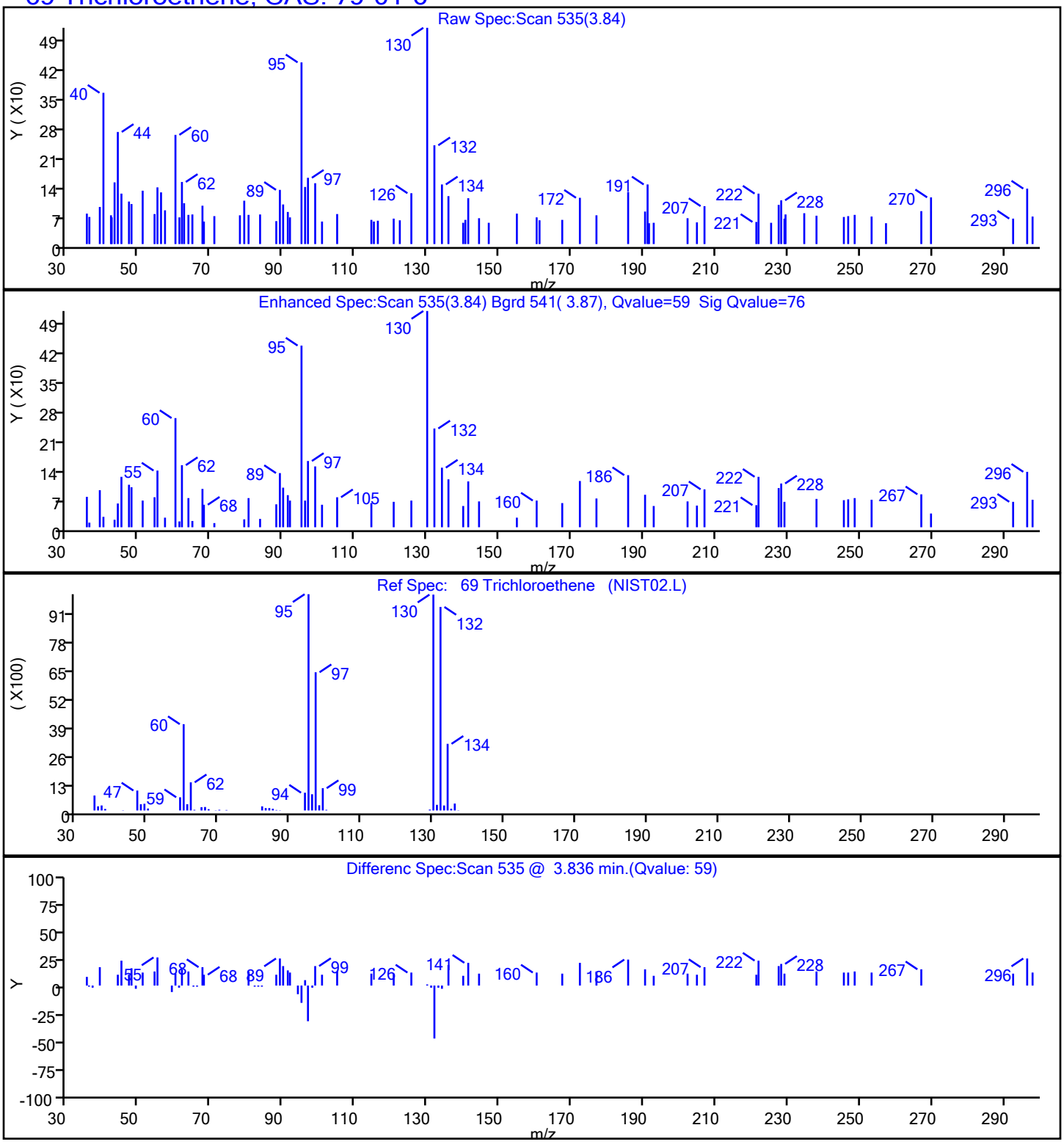
89 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D
Injection Date: 22-Nov-2023 12:20:30 Instrument ID: CVOAMS11
Lims ID: 460-292871-C-3 Lab Sample ID: 460-292871-3
Client ID: ME-13
Operator ID: ALS Bottle#: 31 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Trichloroethene, CAS: 79-01-6



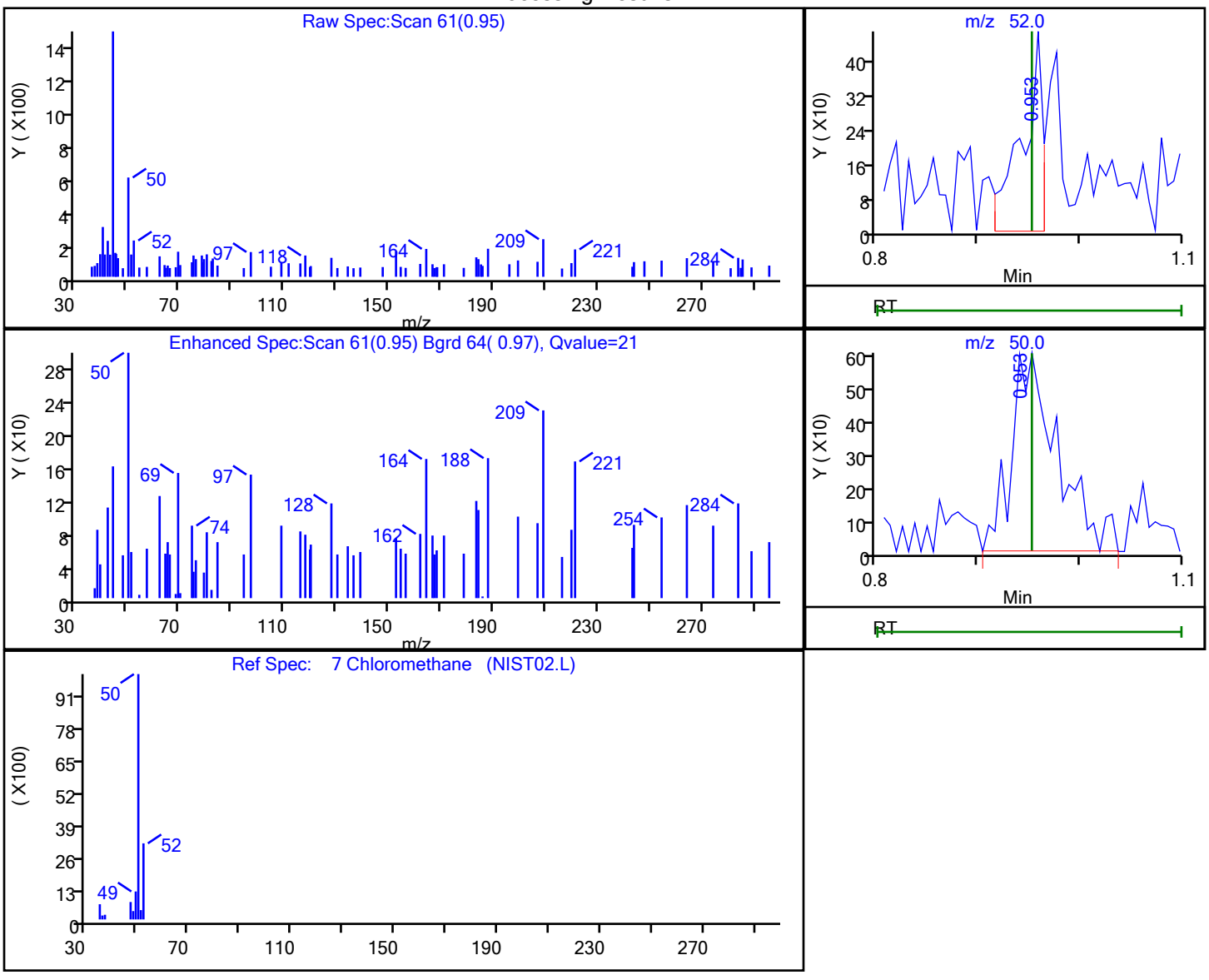
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73727.D				
Injection Date:	22-Nov-2023 12:20:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-C-3	Lab Sample ID:	460-292871-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	31	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.95	52.00	651	0.601975
0.95	50.00	1914	

Reviewer: W9CM, 22-Nov-2023 12:49:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-292871-4

Matrix: Water | Lab File ID: N73685.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.9		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: MW-113 Lab Sample ID: 460-292871-4

Matrix: Water Lab File ID: N73685.D

Analysis Method: 8260D Date Collected: 11/08/2023 10:10

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945897 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-132
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D
Lims ID: 460-292871-A-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 21-Nov-2023 16:12:30 ALS Bottle#: 42 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-4
Misc. Info.: 460-0169172-026
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 13:54:30 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 16:47:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.889	1.877	0.012	100	86940	1000.0	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	98	232351	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.997	2.997	0.000	95	119652	51.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	103065	45.5	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	368731	50.0	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	95	18836	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	310486	46.9	
89 Tetrachloroethene	166	5.643	5.643	0.000	94	3426	1.88	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	85	258832	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.089	-0.001	90	90577	48.7	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.561	0.006	95	125042	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

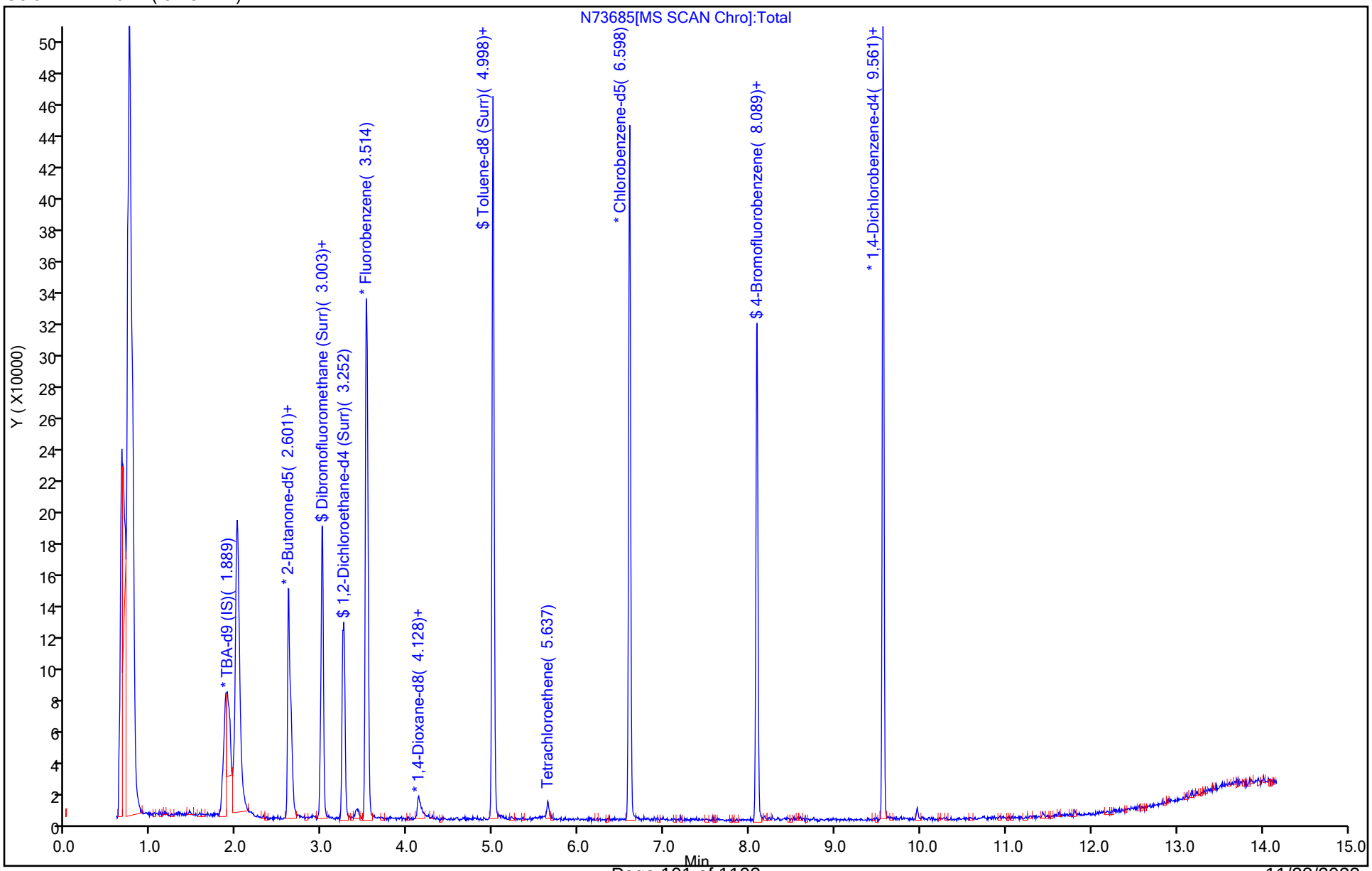
Report Date: 22-Nov-2023 13:54:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D

Injection Date:	21-Nov-2023 16:12:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-4	Lab Sample ID:	460-292871-4	Worklist Smp#:	26
Client ID:	MW-113				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	42
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D
Lims ID: 460-292871-A-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 21-Nov-2023 16:12:30 ALS Bottle#: 42 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-4
Misc. Info.: 460-0169172-026
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 13:54:30 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 16:47:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.6	103.29
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.5	91.02
$ 84 Toluene-d8 (Surr)	50.0	46.9	93.81
$ 106 4-Bromofluorobenzene	50.0	48.7	97.50

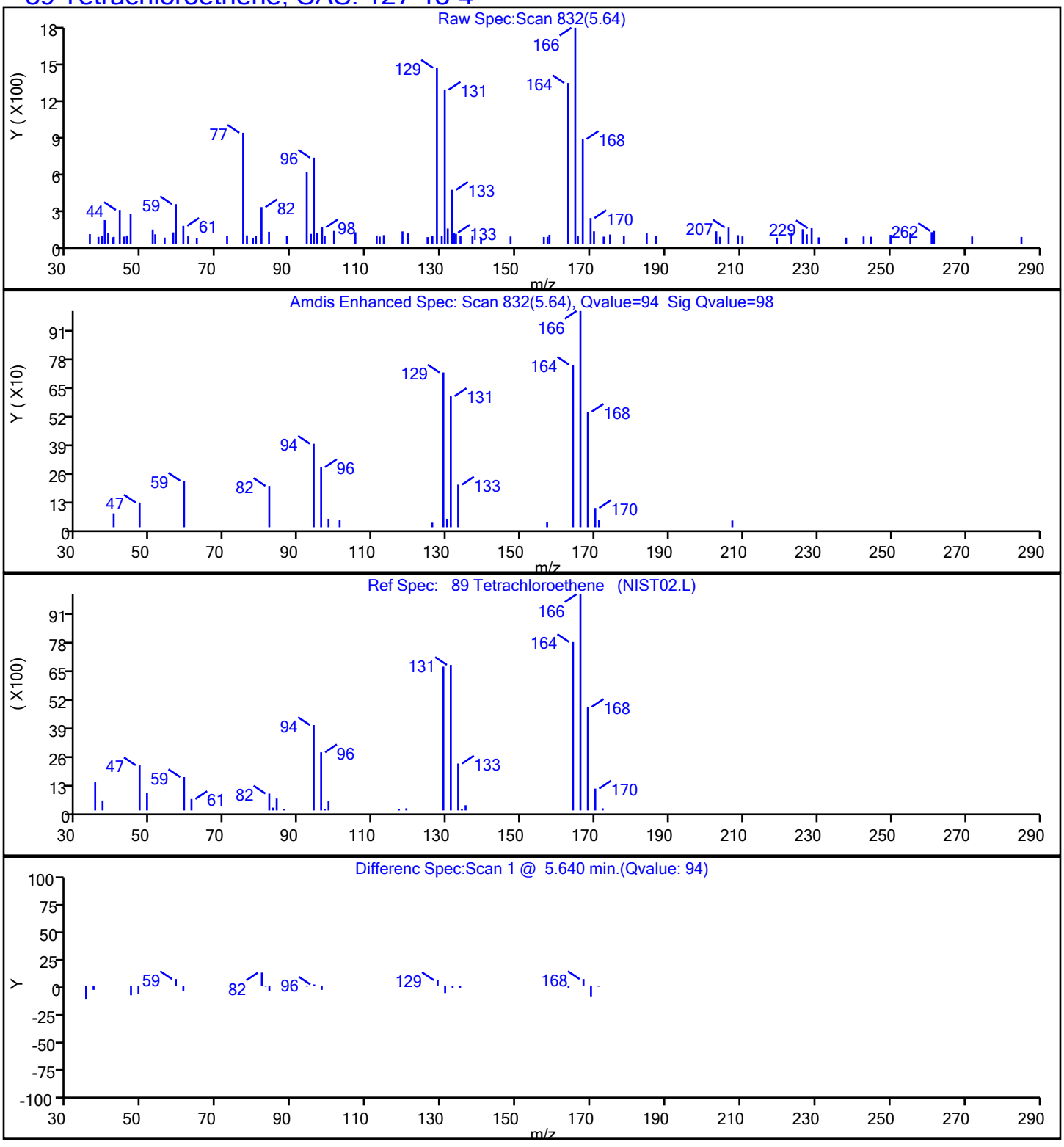
Report Date: 22-Nov-2023 13:54:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D

Injection Date:	21-Nov-2023 16:12:30	Instrument ID:	CVOAMS11
Lims ID:	460-292871-A-4	Lab Sample ID:	460-292871-4
Client ID:	MW-113		
Operator ID:		ALS Bottle#:	42 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

89 Tetrachloroethene, CAS: 127-18-4



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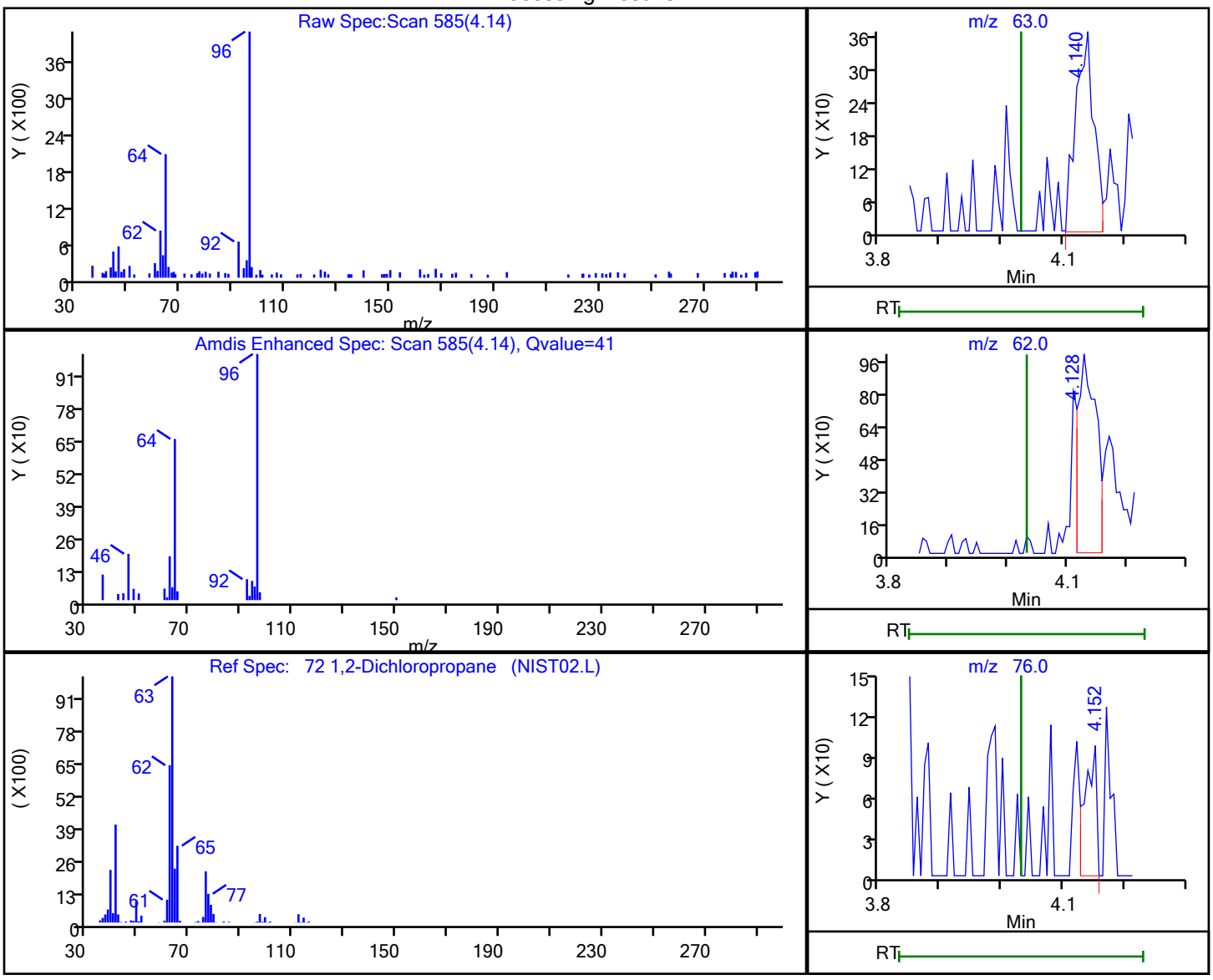
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D				
Injection Date:	21-Nov-2023 16:12:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-4	Lab Sample ID:	460-292871-4		
Client ID:	MW-113				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

72 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.14	63.00	763	0.359711
4.13	62.00	2159	
4.15	76.00	123	
4.02	112.00	0	

Reviewer: C1JX, 21-Nov-2023 16:46:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

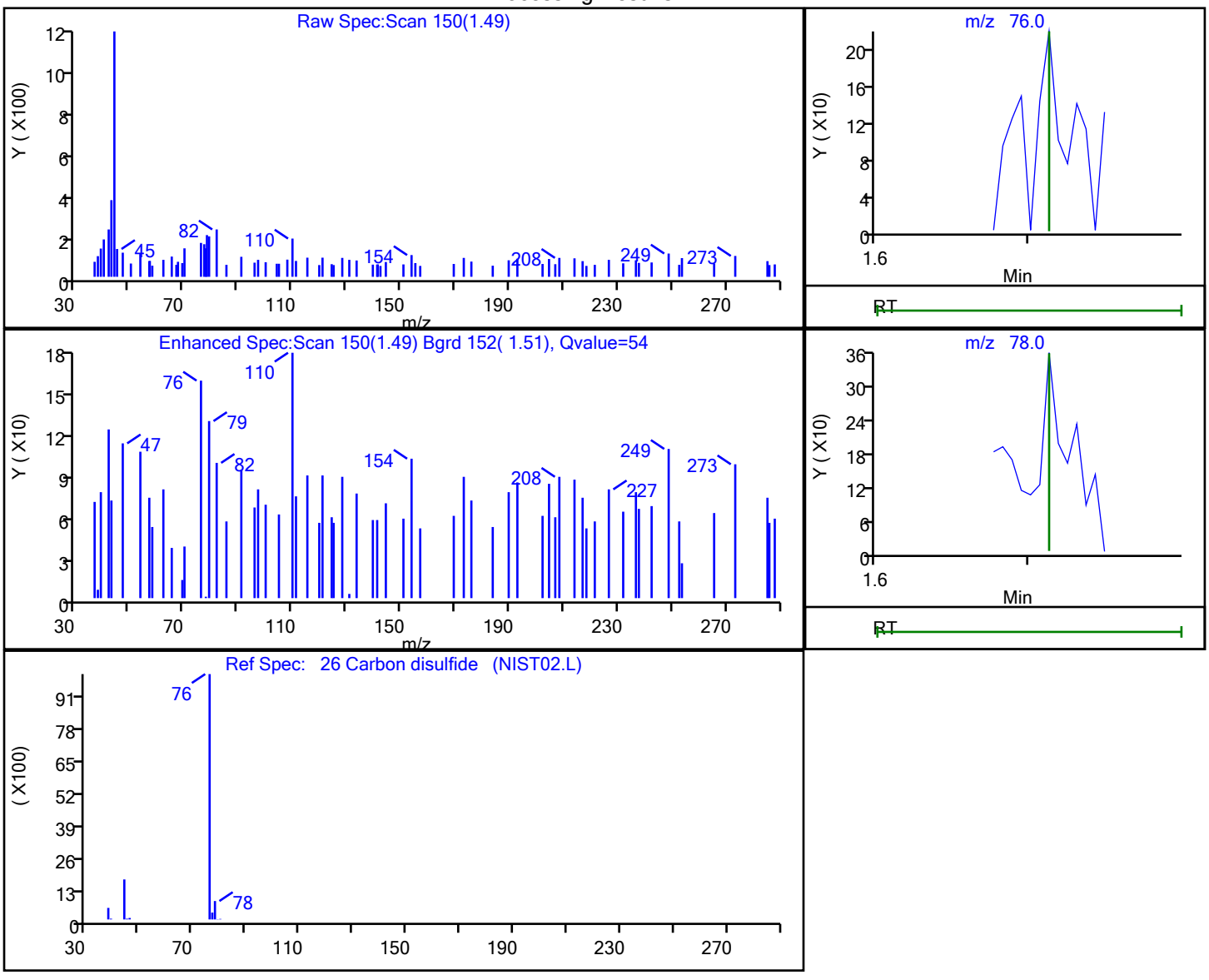
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D				
Injection Date:	21-Nov-2023 16:12:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-4	Lab Sample ID:	460-292871-4		
Client ID:	MW-113				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

26 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.49	76.00	57	0.005917
1.49	78.00	253	

Reviewer: XE5L, 22-Nov-2023 13:54:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

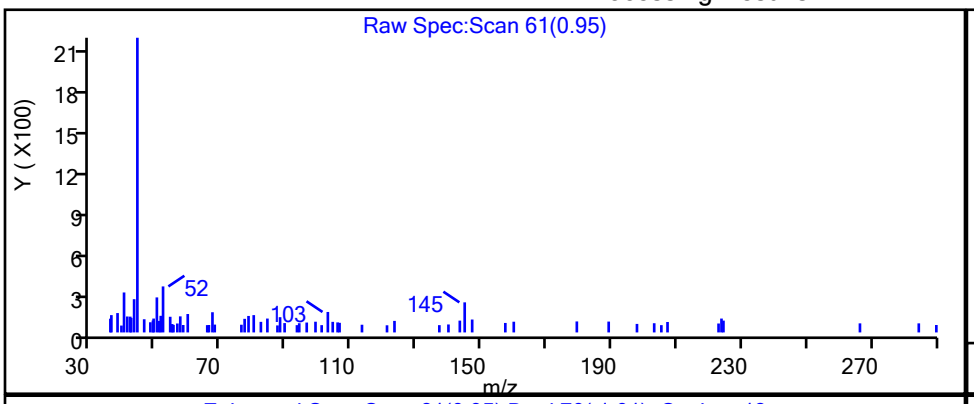
User Disabled Compound Report

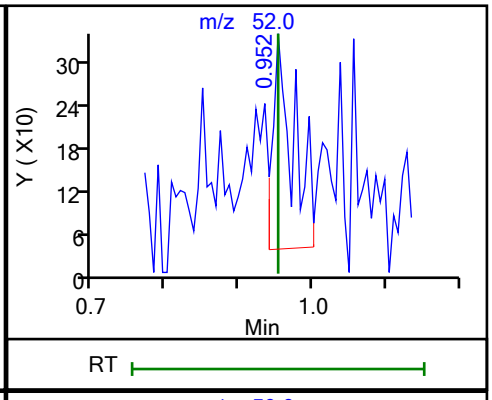
Eurofins Edison

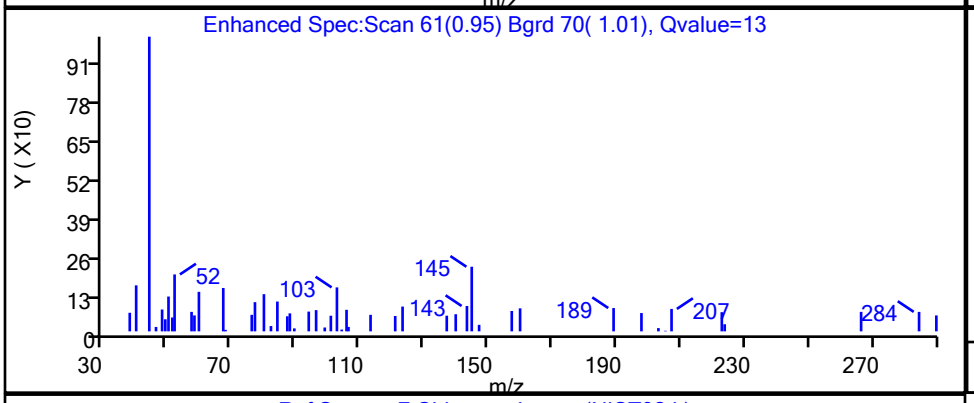
Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73685.D				
Injection Date:	21-Nov-2023 16:12:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-4	Lab Sample ID:	460-292871-4		
Client ID:	MW-113				
Operator ID:		ALS Bottle#:	42	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

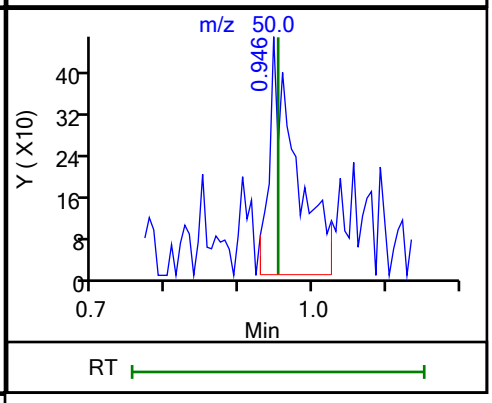
7 Chloromethane, CAS: 74-87-3

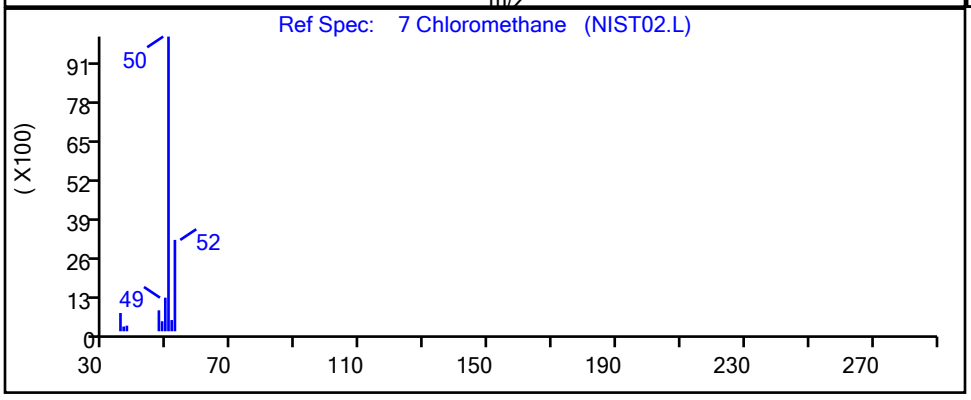
Processing Results











RT	Mass	Response	Amount
0.95	52.00	594	0.488508
0.95	50.00	1199	

Reviewer: C1JX, 21-Nov-2023 16:46:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-292871-5

Matrix: Water | Lab File ID: N73656.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 02:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	14		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 Lab Sample ID: 460-292871-5

Matrix: Water Lab File ID: N73656.D

Analysis Method: 8260D Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 02:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945808 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D
Lims ID: 460-292871-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 21-Nov-2023 02:49:30 ALS Bottle#: 36 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5
Misc. Info.: 460-0169153-020
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:57:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.871	1.883	-0.012	100	83914	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	216053	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.991	3.003	-0.013	96	112248	52.3	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	104096	49.6	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	341605	50.0	
* 73 1,4-Dioxane-d8	96	4.116	4.122	-0.006	95	17128	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.992	4.998	-0.006	99	310938	49.0	
89 Tetrachloroethene	166	5.637	5.643	-0.006	94	24932	14.3	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	248233	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	91	87256	49.0	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	119170	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

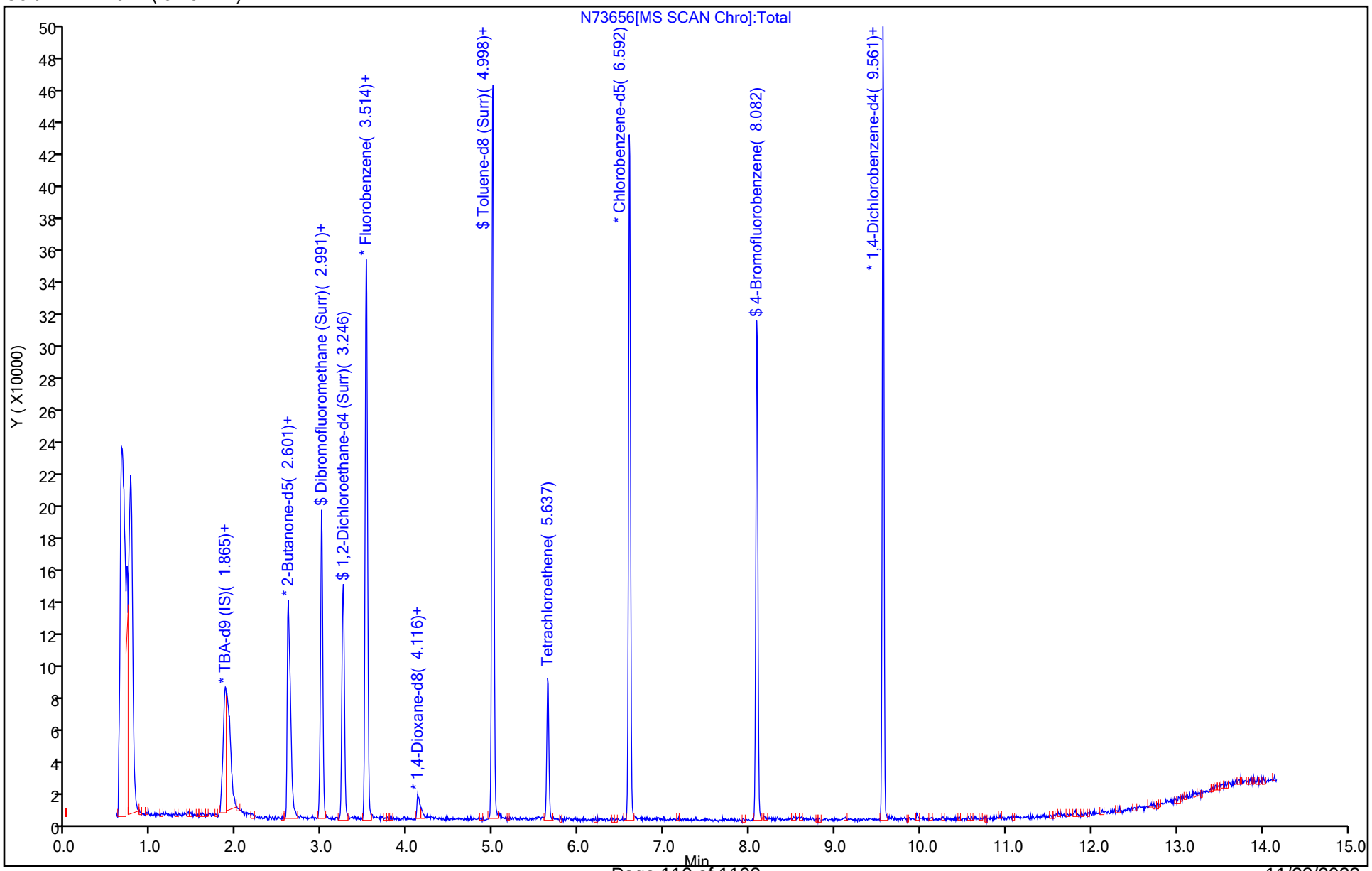
Report Date: 21-Nov-2023 13:57:22 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D

Injection Date:	21-Nov-2023 02:49:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-5	Lab Sample ID:	460-292871-5	Worklist Smp#:	20
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D
Lims ID: 460-292871-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 21-Nov-2023 02:49:30 ALS Bottle#: 36 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5
Misc. Info.: 460-0169153-020
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:57:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:35:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.3	104.60
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.23
$ 84 Toluene-d8 (Surr)	50.0	49.0	97.96
$ 106 4-Bromofluorobenzene	50.0	49.0	97.93

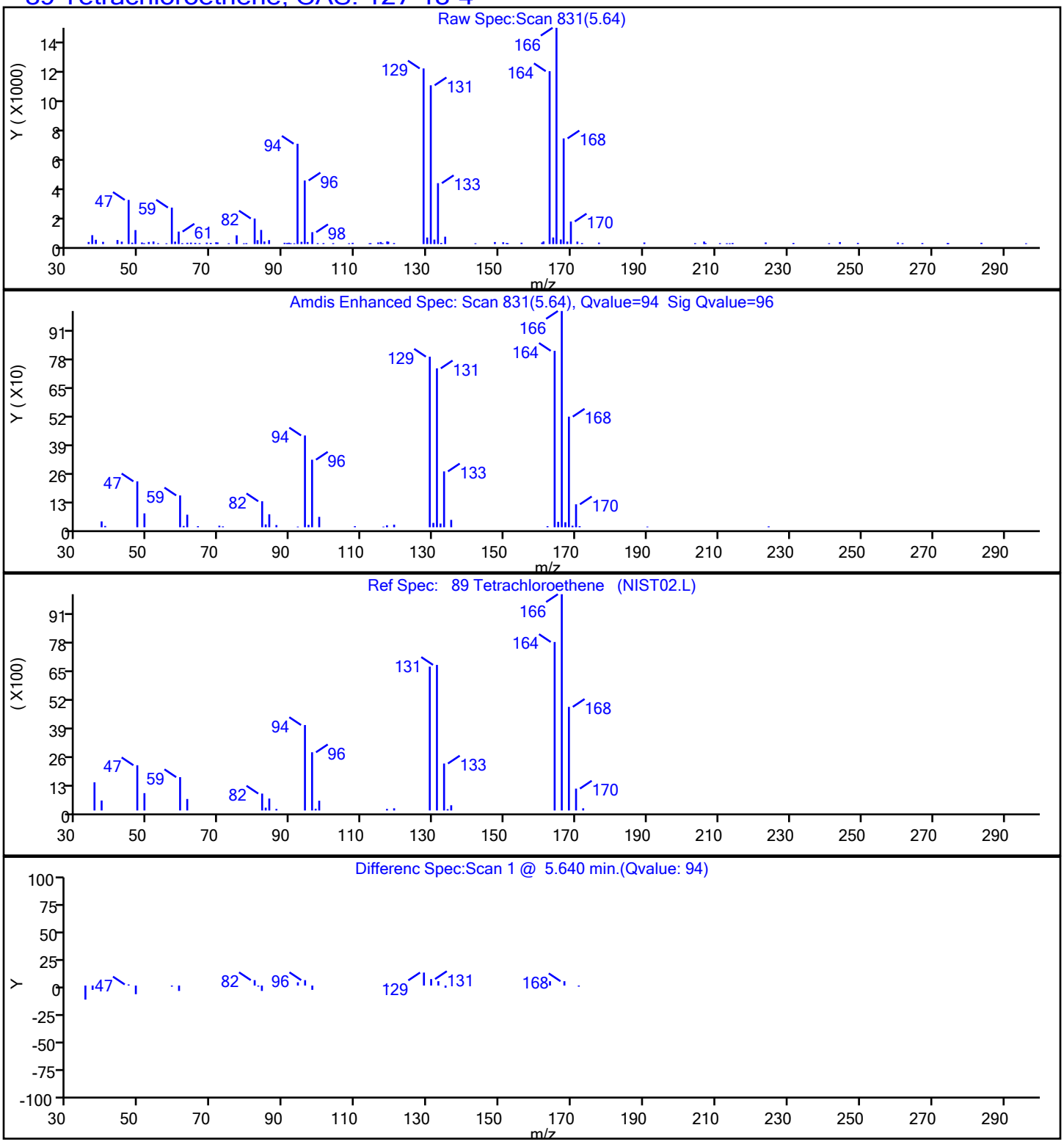
Report Date: 21-Nov-2023 13:57:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D

Injection Date:	21-Nov-2023 02:49:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-5	Lab Sample ID:	460-292871-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Tetrachloroethene, CAS: 127-18-4



11/28/2023
7:43 PM

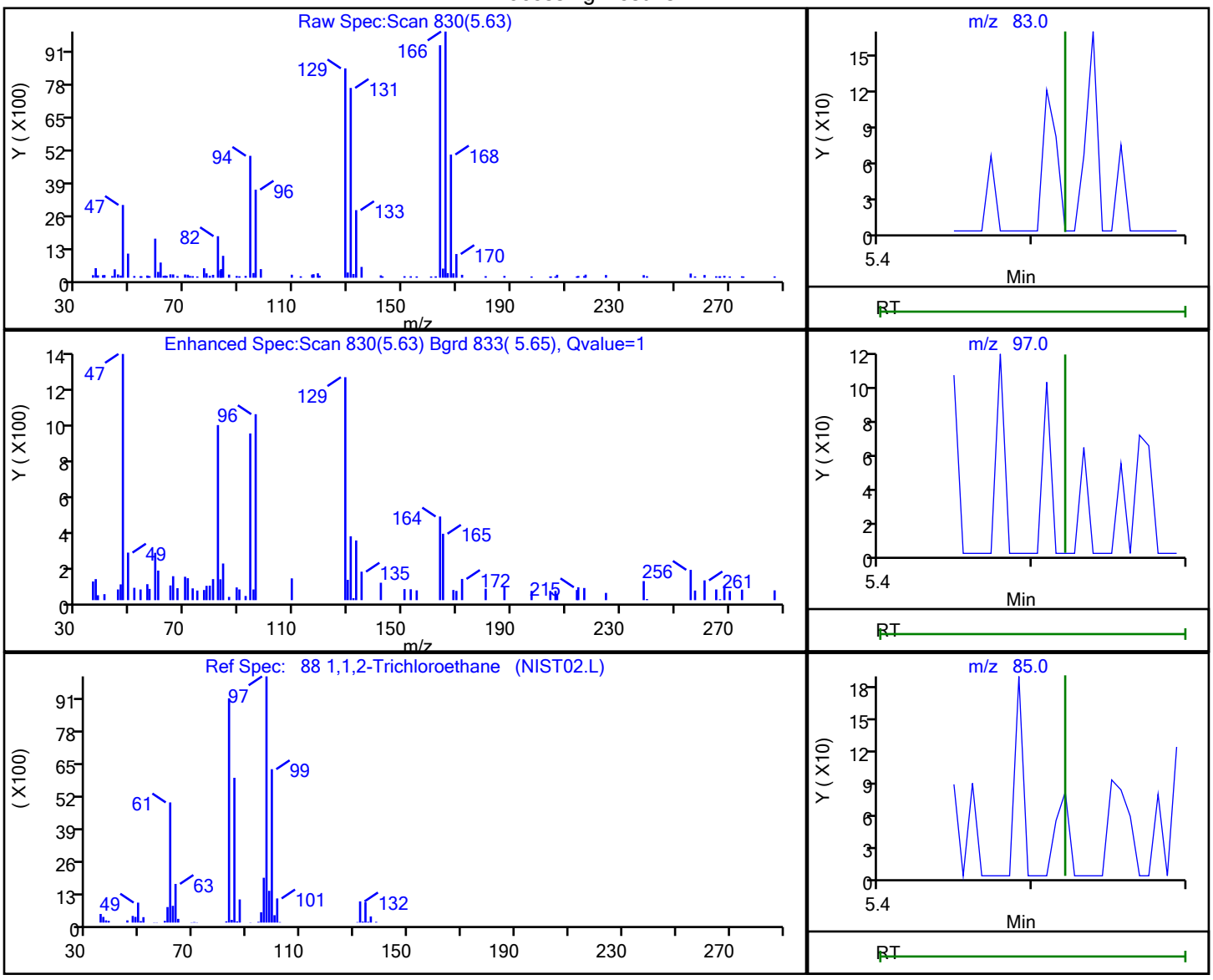
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D				
Injection Date:	21-Nov-2023 02:49:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-5	Lab Sample ID:	460-292871-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.63	83.00	501	0.365212
5.64	97.00	88	
5.64	85.00	61	

Reviewer: KG2Q, 21-Nov-2023 06:35:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

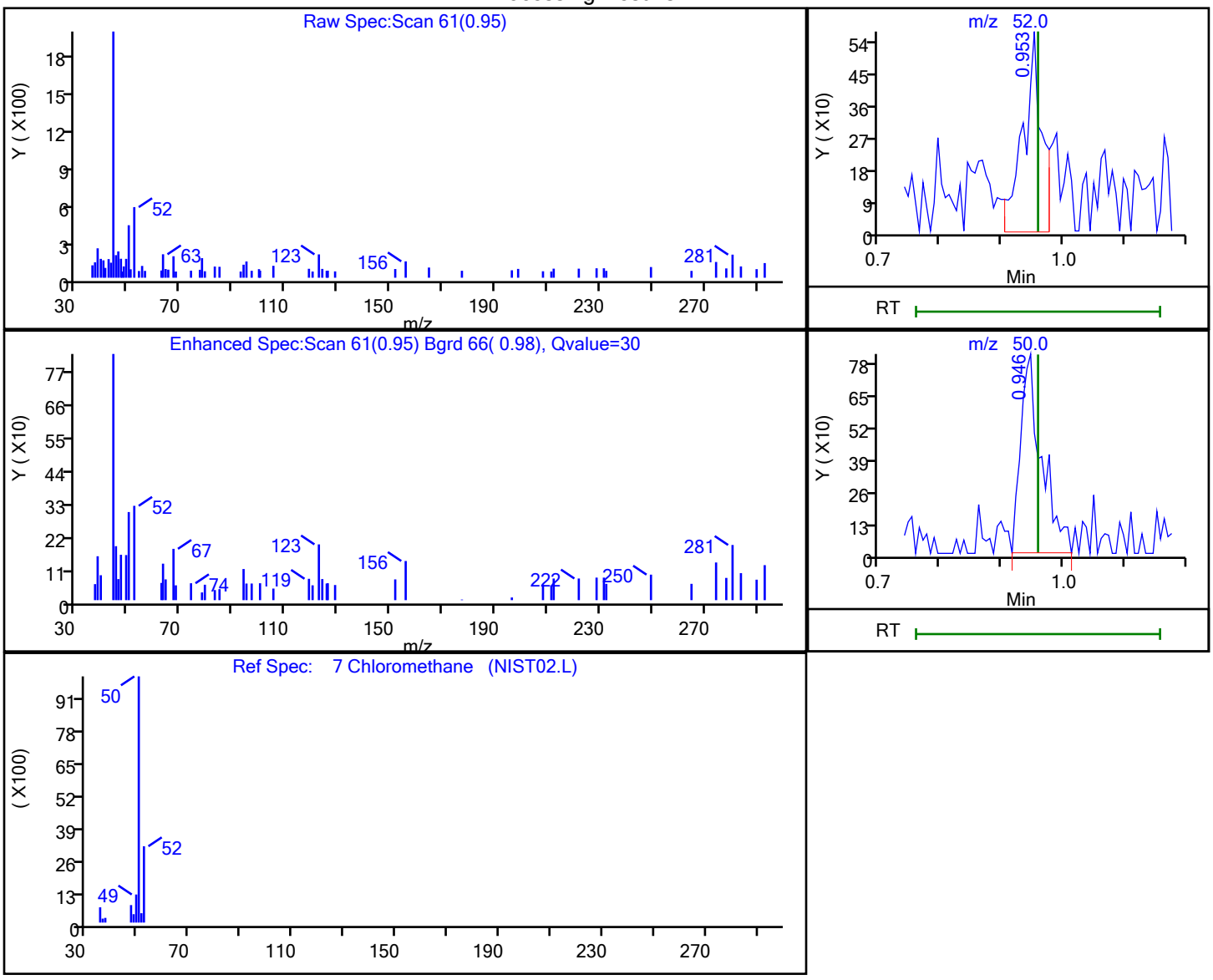
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73656.D				
Injection Date:	21-Nov-2023 02:49:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-5	Lab Sample ID:	460-292871-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	36	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.95	52.00	1196	1.057982
0.95	50.00	1945	

Reviewer: XE5L, 21-Nov-2023 13:56:41 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-292871-6

Matrix: Water | Lab File ID: P22087.D

Analysis Method: 8260D | Date Collected: 11/08/2023 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	17		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.41	J	1.0	0.33
74-87-3	Chloromethane	0.98	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	380		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.74	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-292871-6

Matrix: Water | Lab File ID: P22087.D

Analysis Method: 8260D | Date Collected: 11/08/2023 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	89		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D
Lims ID: 460-292871-B-6
Client ID: A-06
Sample Type: Client
Inject. Date: 21-Nov-2023 23:26:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-6
Misc. Info.: 460-0169207-012
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: XE5L Date: 22-Nov-2023 10:43:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.160	1.153	0.007	98	7653	0.9762	
28 Acetone	43	2.156	2.148	0.008	83	15086	16.5	
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	97	175158	1000.0	
46 Chloroform	83	3.230	3.230	0.000	95	2622	0.4138	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	95	145042	53.2	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	99	328606	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	193934	58.7	
* 66 Fluorobenzene	96	4.054	4.047	0.008	97	759423	50.0	
69 Trichloroethene	130	4.219	4.211	0.008	94	2798	0.7376	
* 76 1,4-Dioxane-d8	96	4.956	4.949	0.007	61	23993	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.651	5.651	0.000	98	608572	44.5	
86 Tetrachloroethene	166	6.160	6.160	0.000	94	1442582	378.9	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	629775	50.0	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	86	192948	46.4	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	97	350509	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

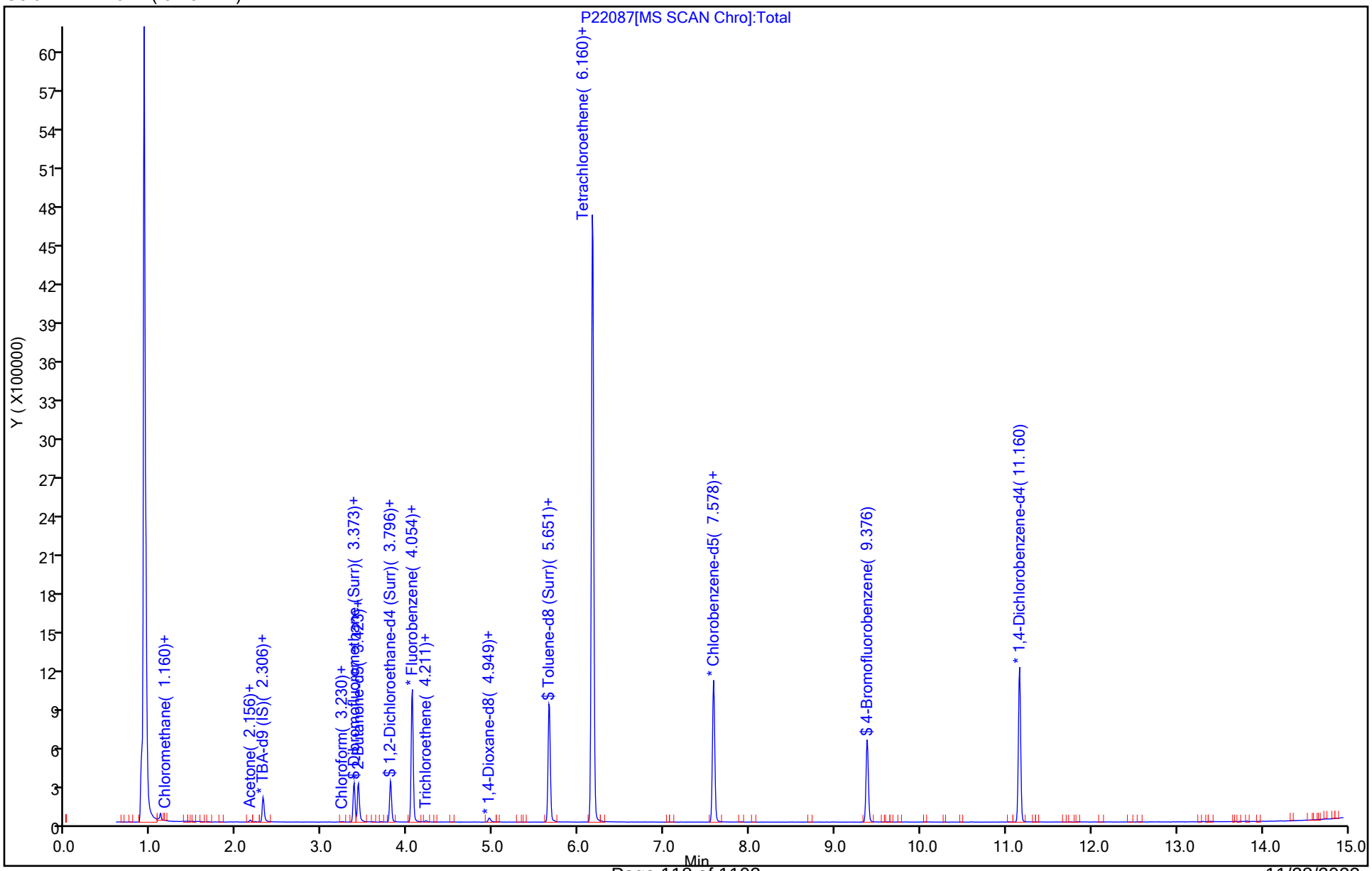
Report Date: 22-Nov-2023 10:43:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D

Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6	Worklist Smp#:	12
Client ID:	A-06				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D
Lims ID: 460-292871-B-6
Client ID: A-06
Sample Type: Client
Inject. Date: 21-Nov-2023 23:26:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-6
Misc. Info.: 460-0169207-012
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: XE5L Date: 22-Nov-2023 10:43:07

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.2	106.32
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.7	117.47
$ 82 Toluene-d8 (Surr)	50.0	44.5	89.08
$ 107 4-Bromofluorobenzene	50.0	46.4	92.79

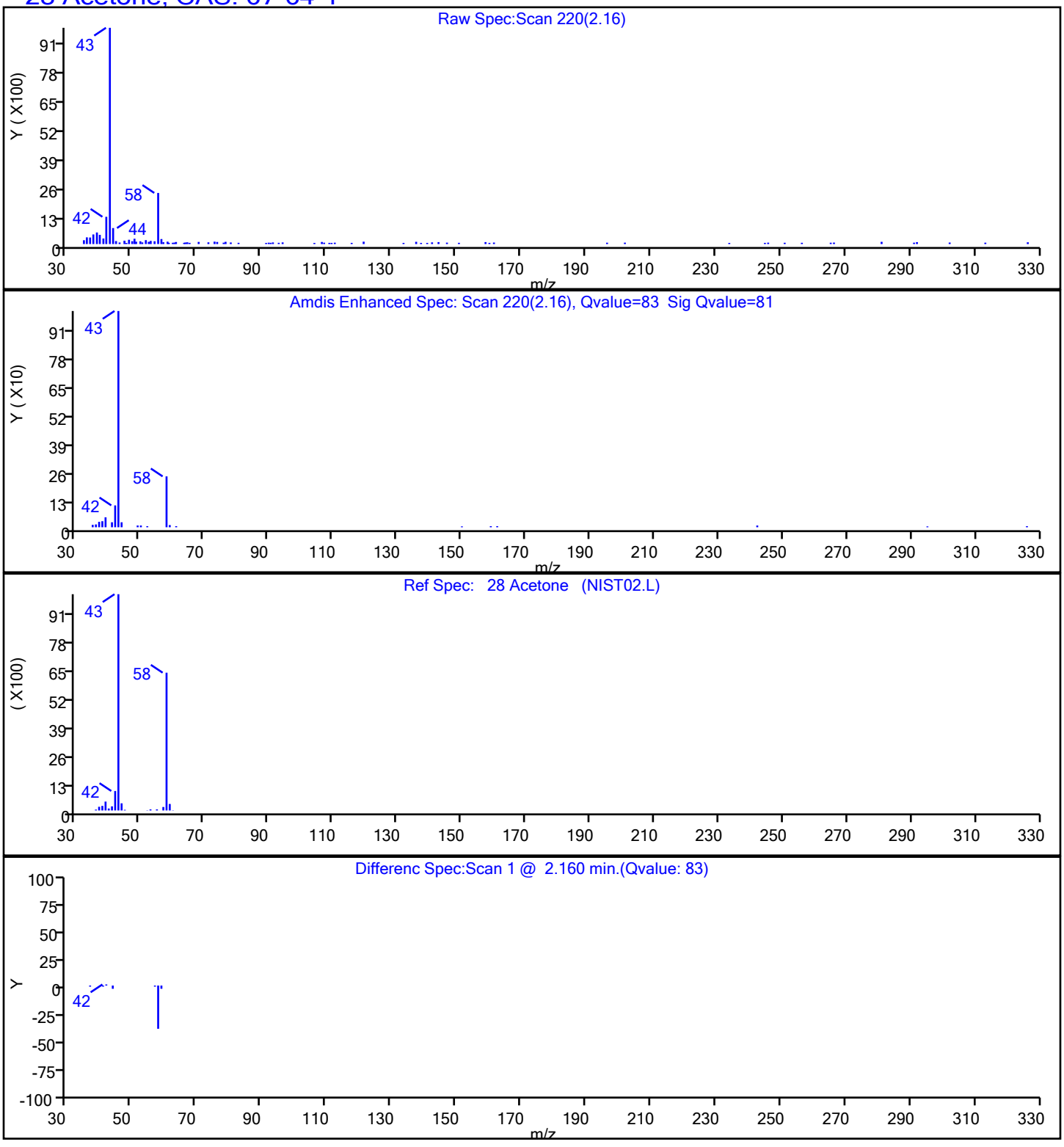
Report Date: 22-Nov-2023 10:43:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D

Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

28 Acetone, CAS: 67-64-1



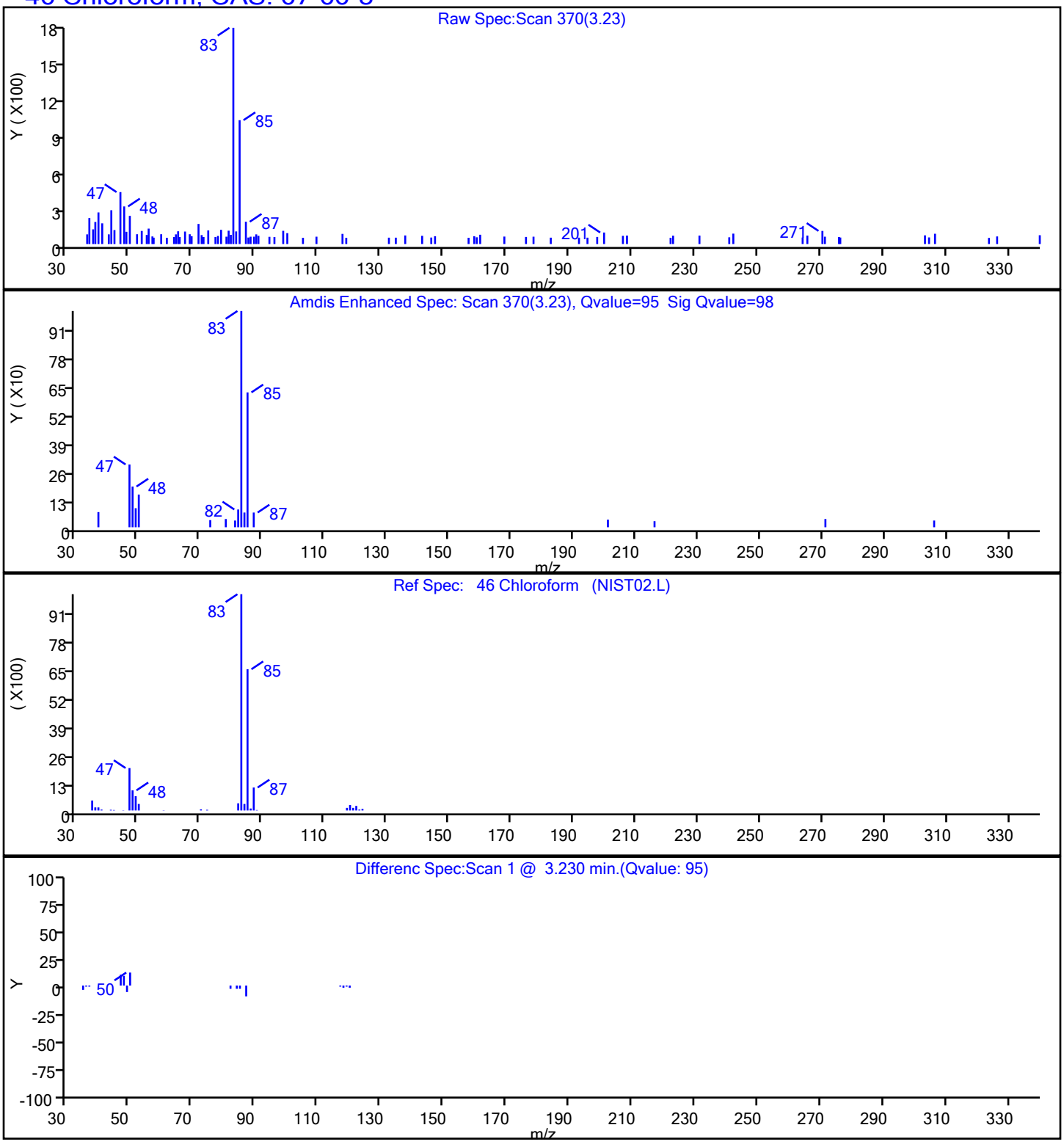
Report Date: 22-Nov-2023 10:43:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D

Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

46 Chloroform, CAS: 67-66-3



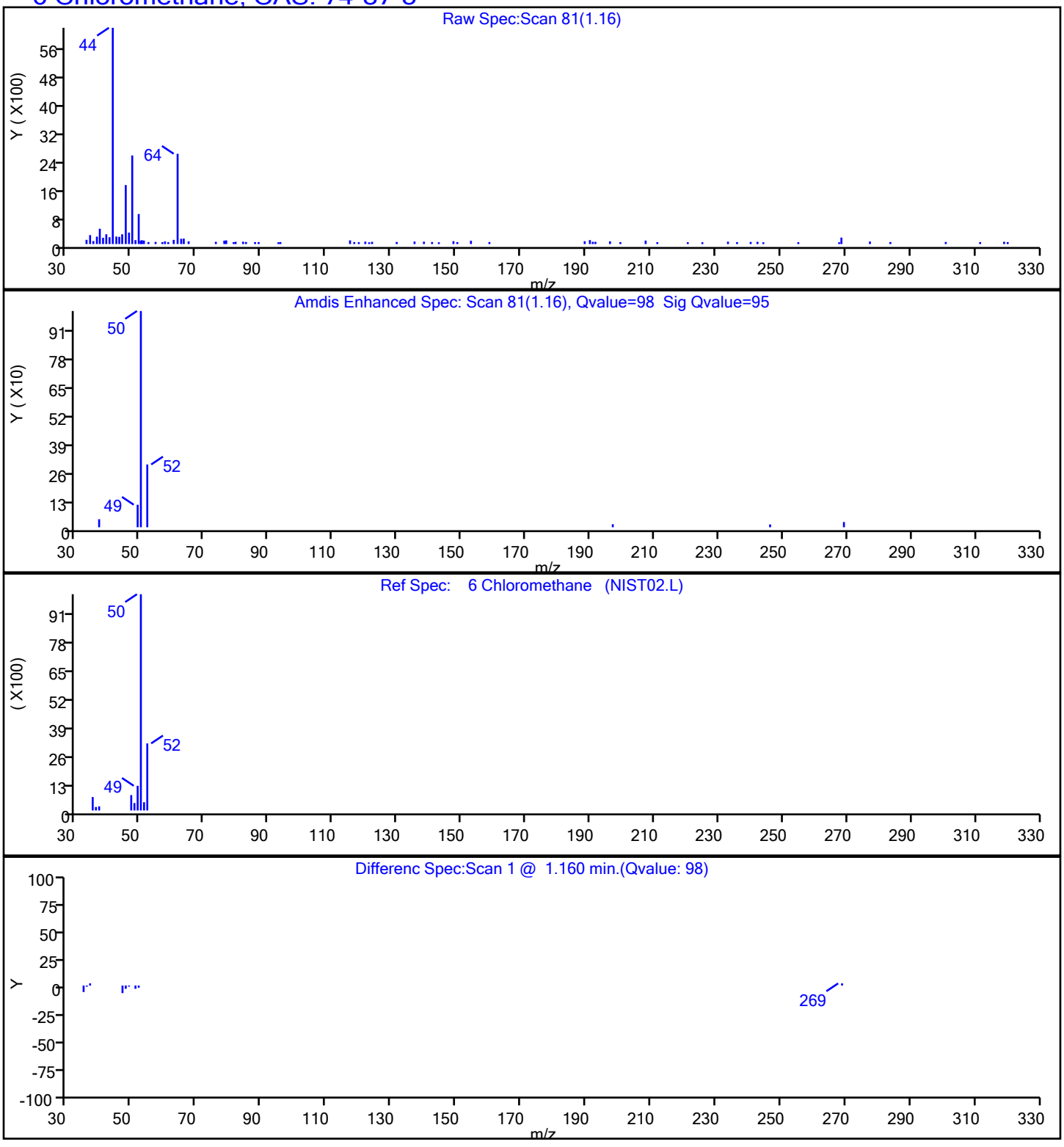
Report Date: 22-Nov-2023 10:43:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D

Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

6 Chloromethane, CAS: 74-87-3

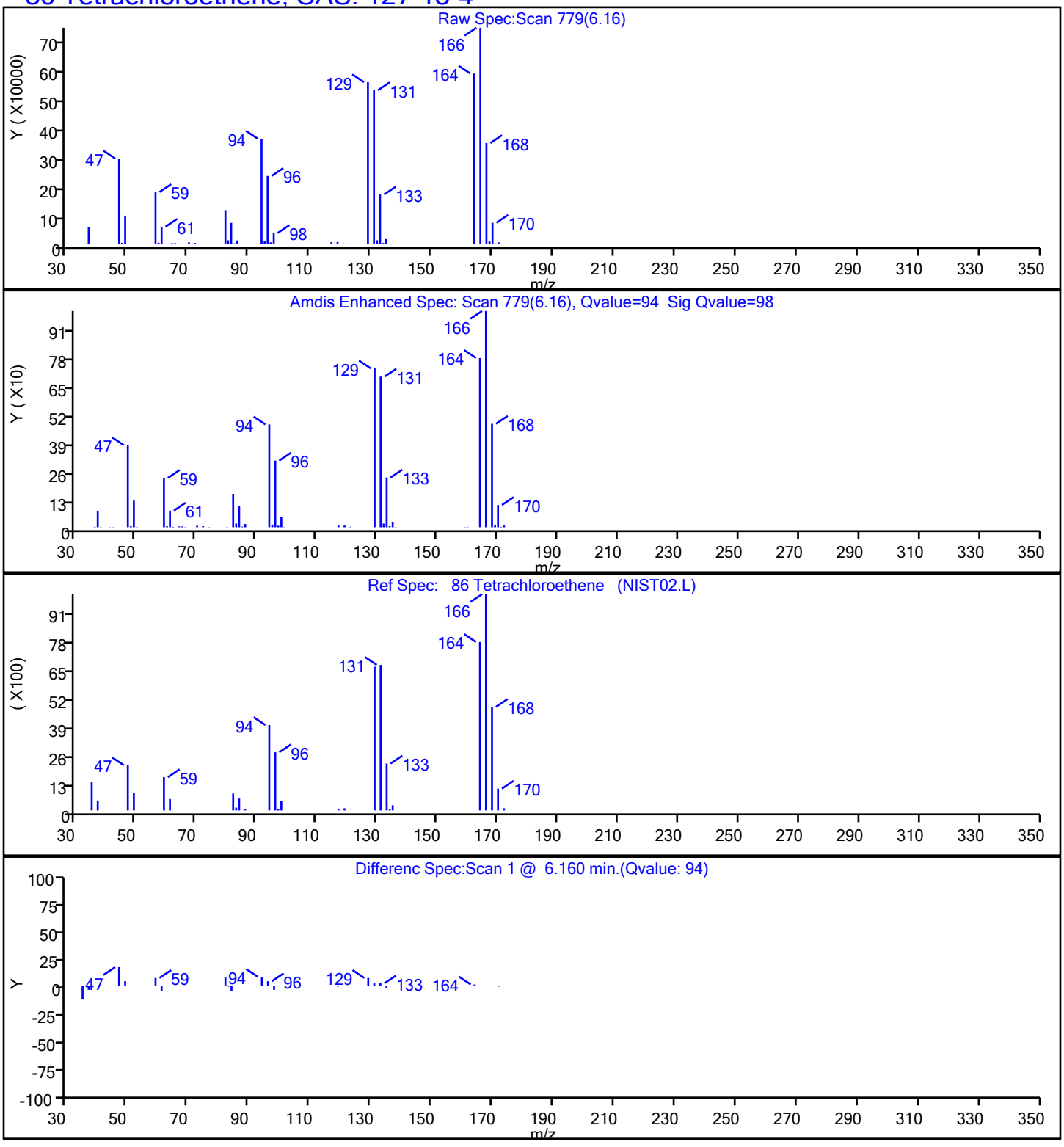


11/28/2023
7:43 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D		
Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



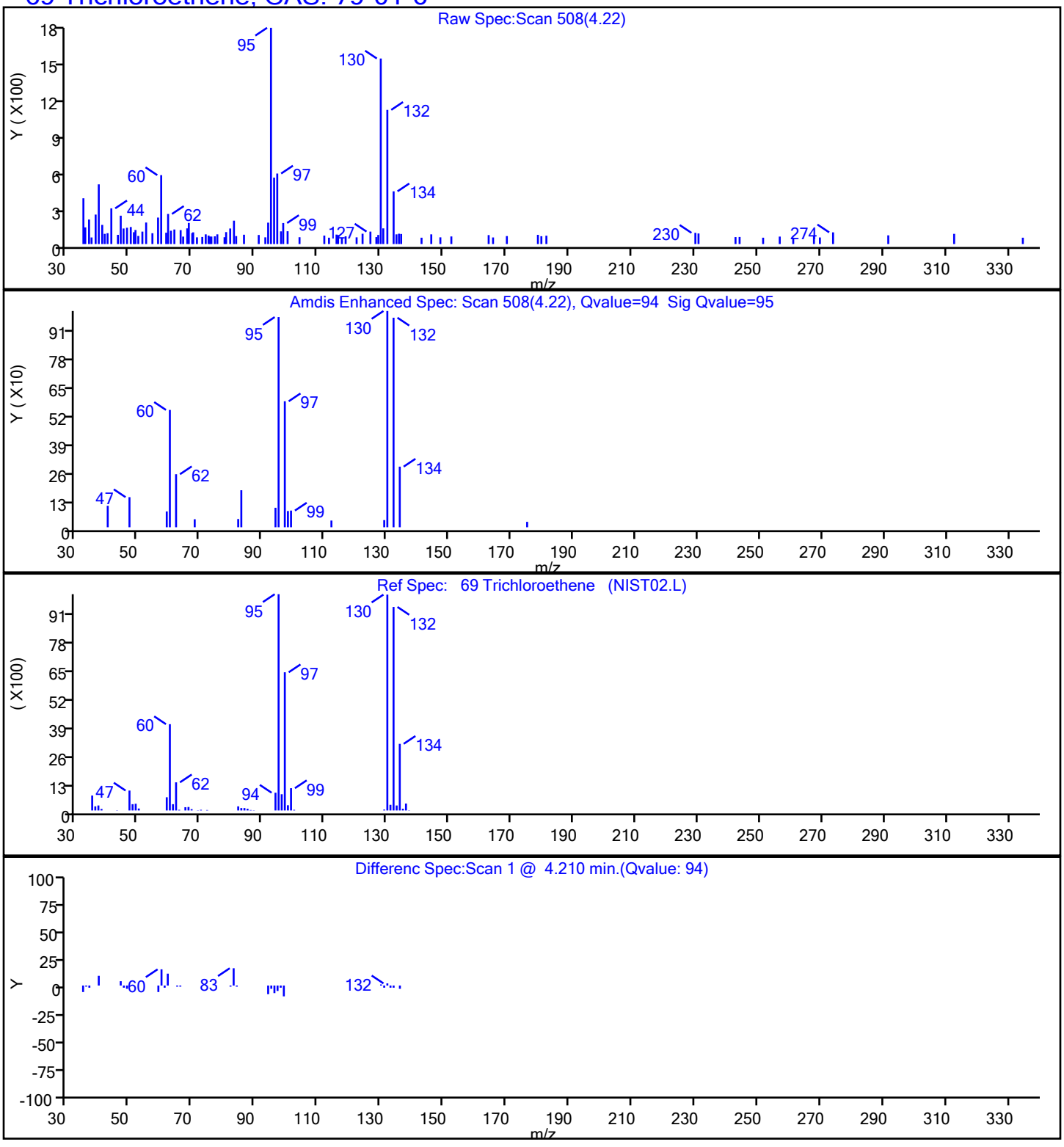
Report Date: 22-Nov-2023 10:43:08 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D

Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



11/28/2023
7:43 PM

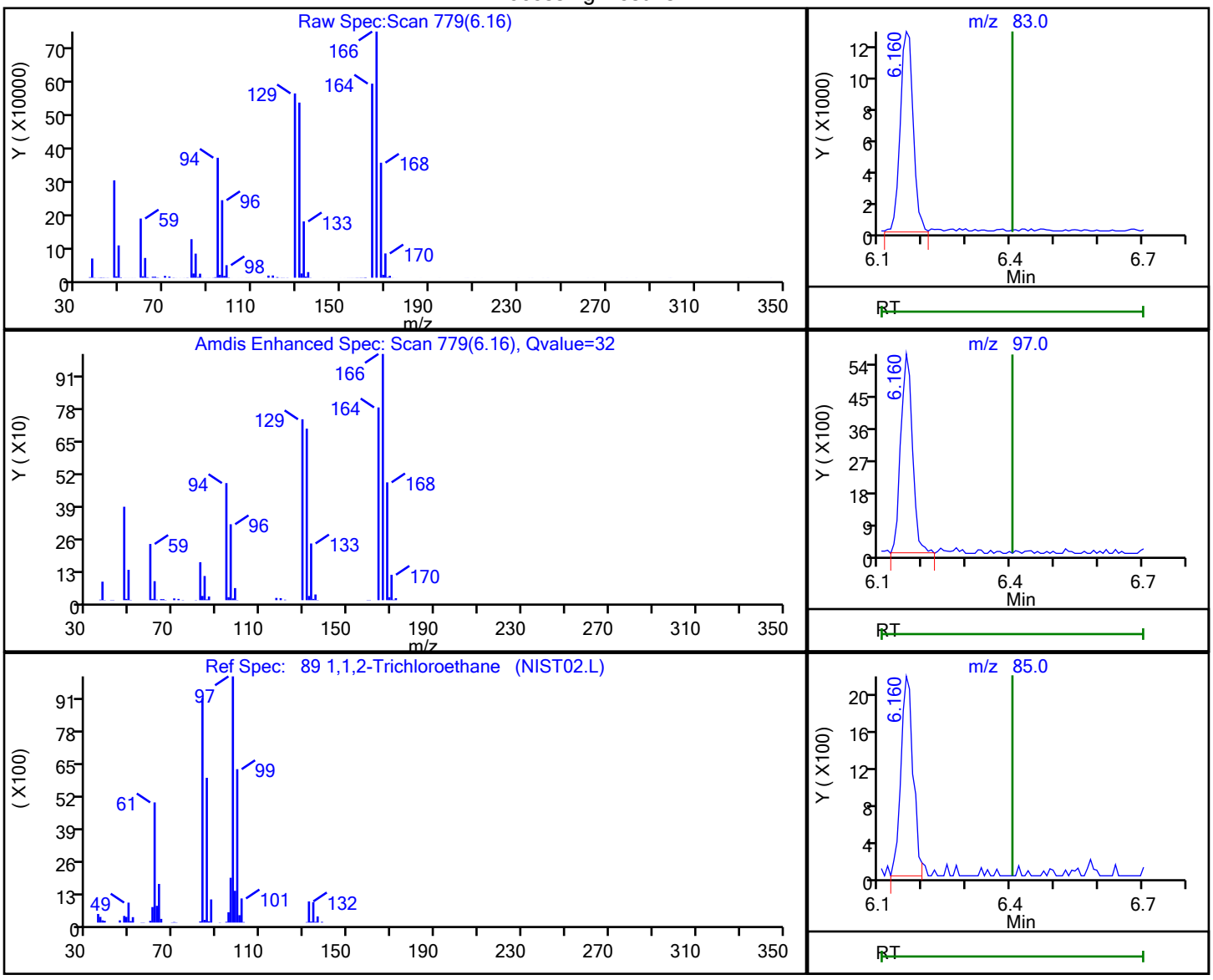
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D				
Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.16	83.00	26002	11.113500
6.16	97.00	10565	
6.16	85.00	4114	

Reviewer: KG2Q, 22-Nov-2023 08:15:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

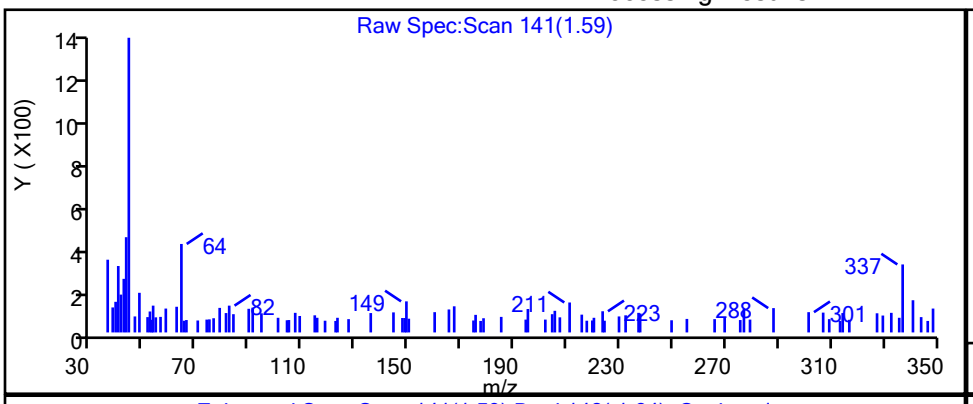
User Disabled Compound Report

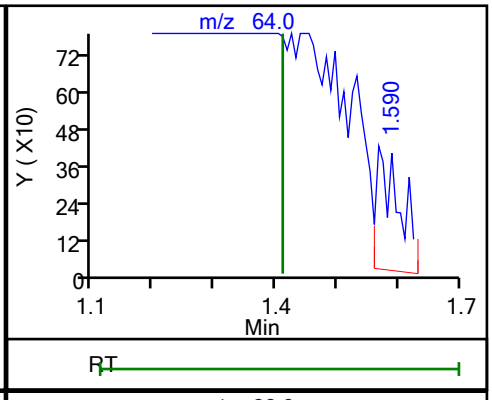
Eurofins Edison

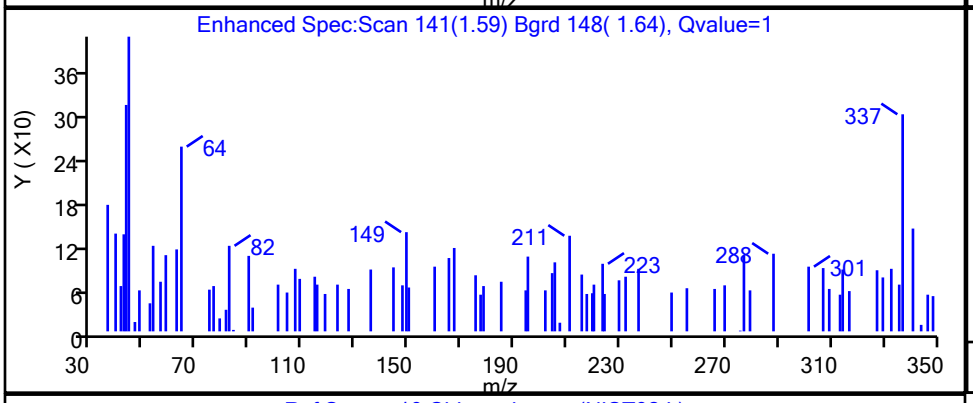
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D				
Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

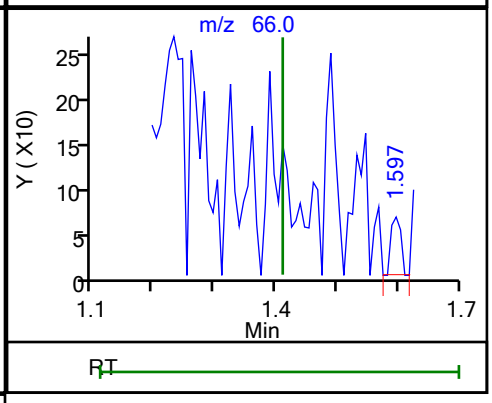
10 Chloroethane, CAS: 75-00-3

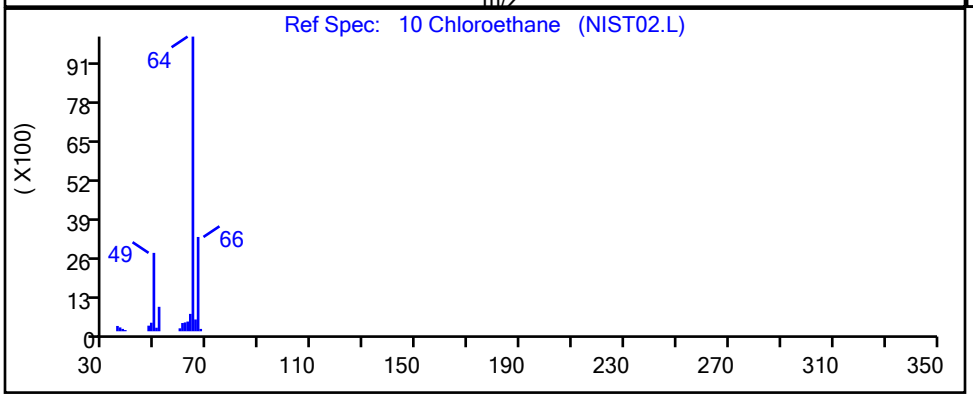
Processing Results











RT	Mass	Response	Amount
1.59	64.00	1079	0.325117
1.60	66.00	73	

Reviewer: KG2Q, 22-Nov-2023 08:15:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

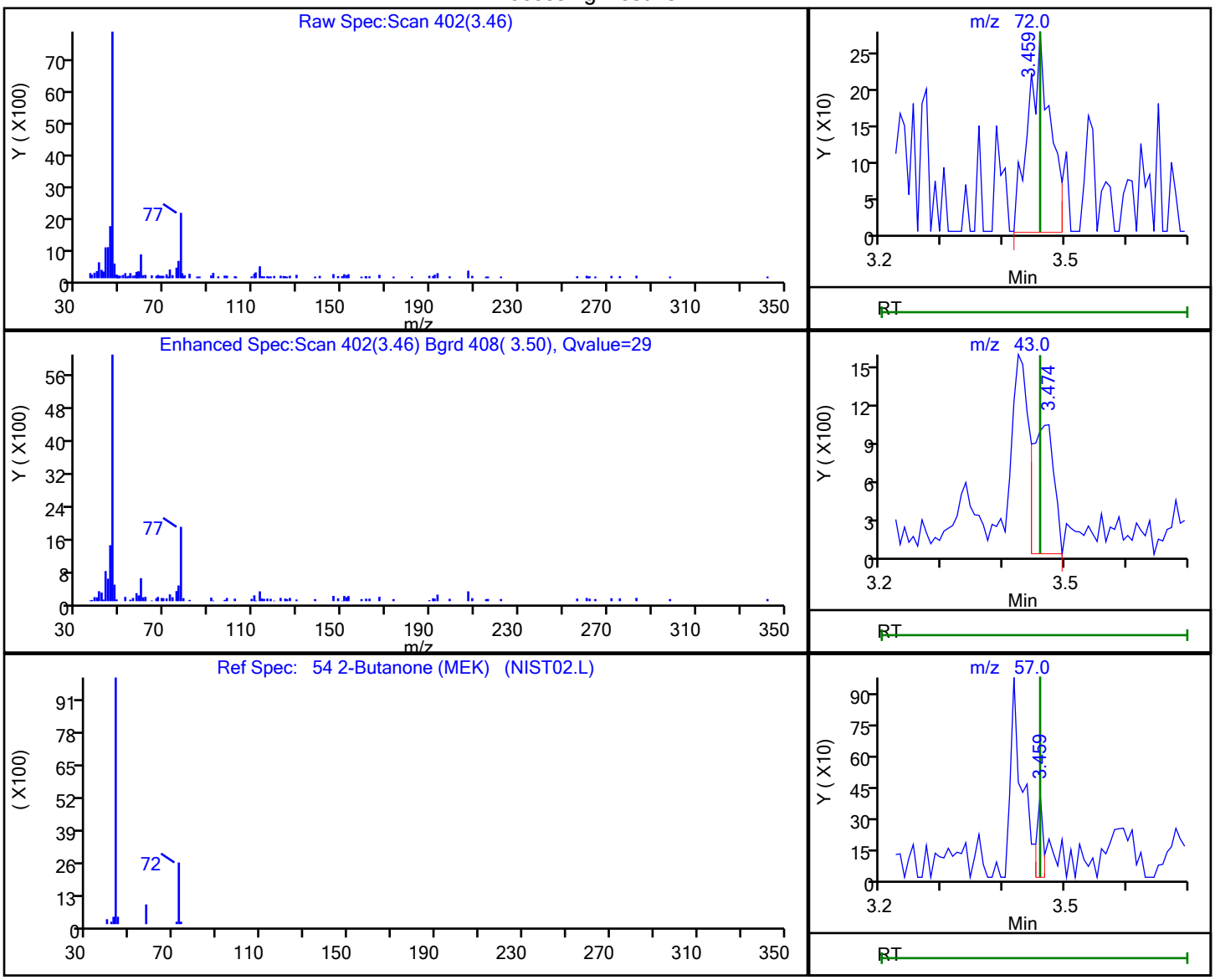
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D				
Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.46	72.00	689	1.850720
3.47	43.00	2517	
3.46	57.00	289	

Reviewer: XE5L, 22-Nov-2023 10:42:56 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

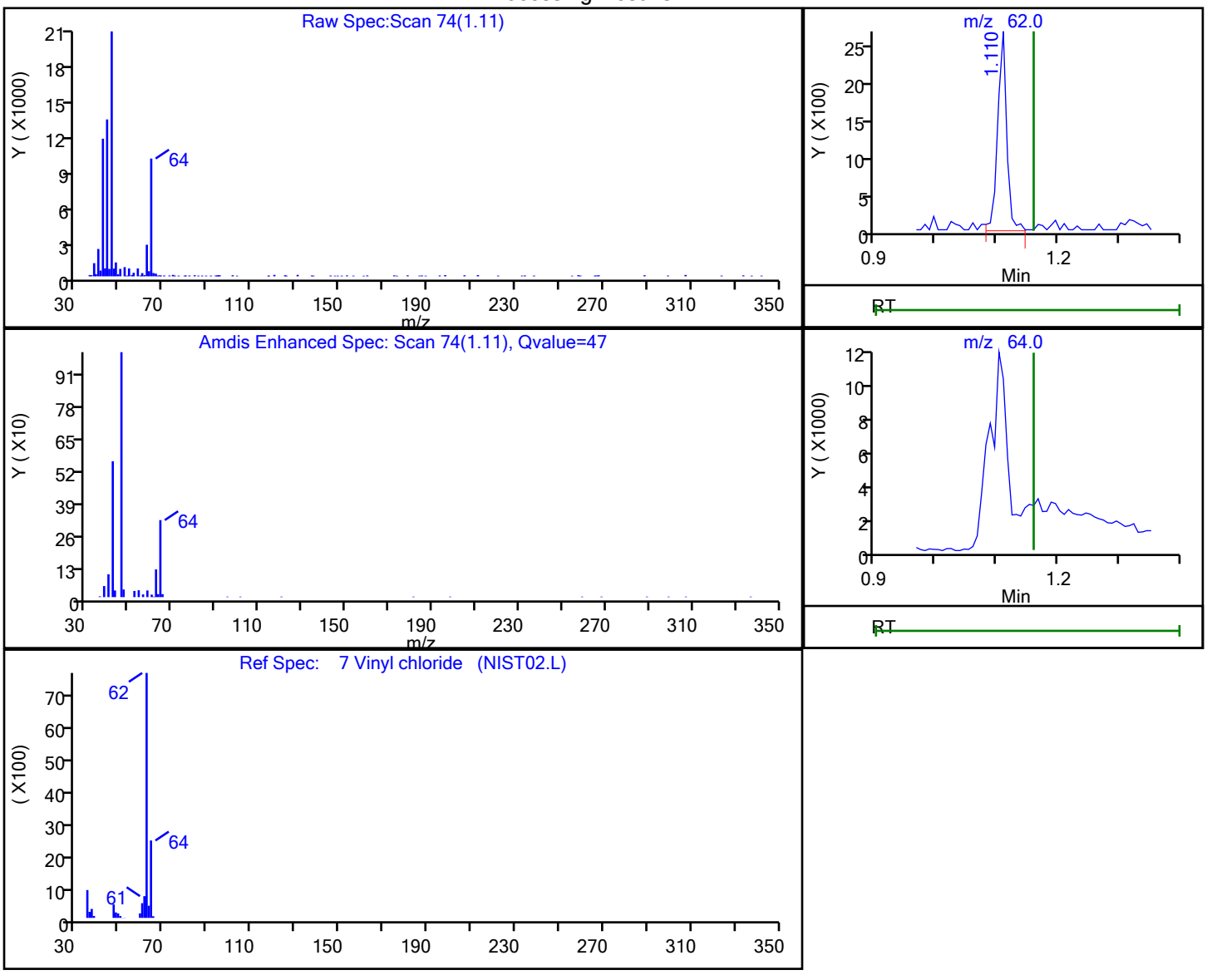
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22087.D				
Injection Date:	21-Nov-2023 23:26:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-6	Lab Sample ID:	460-292871-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.11	62.00	2704	0.500718
1.10	64.00	58500	

Reviewer: KG2Q, 22-Nov-2023 08:15:09 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-292871-7

Matrix: Water | Lab File ID: P22088.D

Analysis Method: 8260D | Date Collected: 11/08/2023 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 23:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	20		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.42	J	1.0	0.33
74-87-3	Chloromethane	1.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	390		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.61	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-292871-7

Matrix: Water | Lab File ID: P22088.D

Analysis Method: 8260D | Date Collected: 11/08/2023 11:12

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 23:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	88		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D
Lims ID: 460-292871-B-7
Client ID: A-066
Sample Type: Client
Inject. Date: 21-Nov-2023 23:52:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-7
Misc. Info.: 460-0169207-013
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:16:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.160	1.153	0.007	93	9648	1.24	
28 Acetone	43	2.156	2.148	0.008	84	19160	20.3	
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	96	180005	1000.0	
46 Chloroform	83	3.230	3.230	0.000	95	2663	0.4229	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	95	146595	54.1	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	100	339142	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.796	0.007	0	196067	59.8	
* 66 Fluorobenzene	96	4.054	4.047	0.008	97	754664	50.0	
69 Trichloroethene	130	4.211	4.211	0.000	91	2317	0.6146	
* 76 1,4-Dioxane-d8	96	4.956	4.949	0.007	61	26015	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.658	5.651	0.007	98	607814	44.2	
86 Tetrachloroethene	166	6.167	6.160	0.007	95	1483087	386.9	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	634182	50.0	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	86	193969	46.3	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	97	343567	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

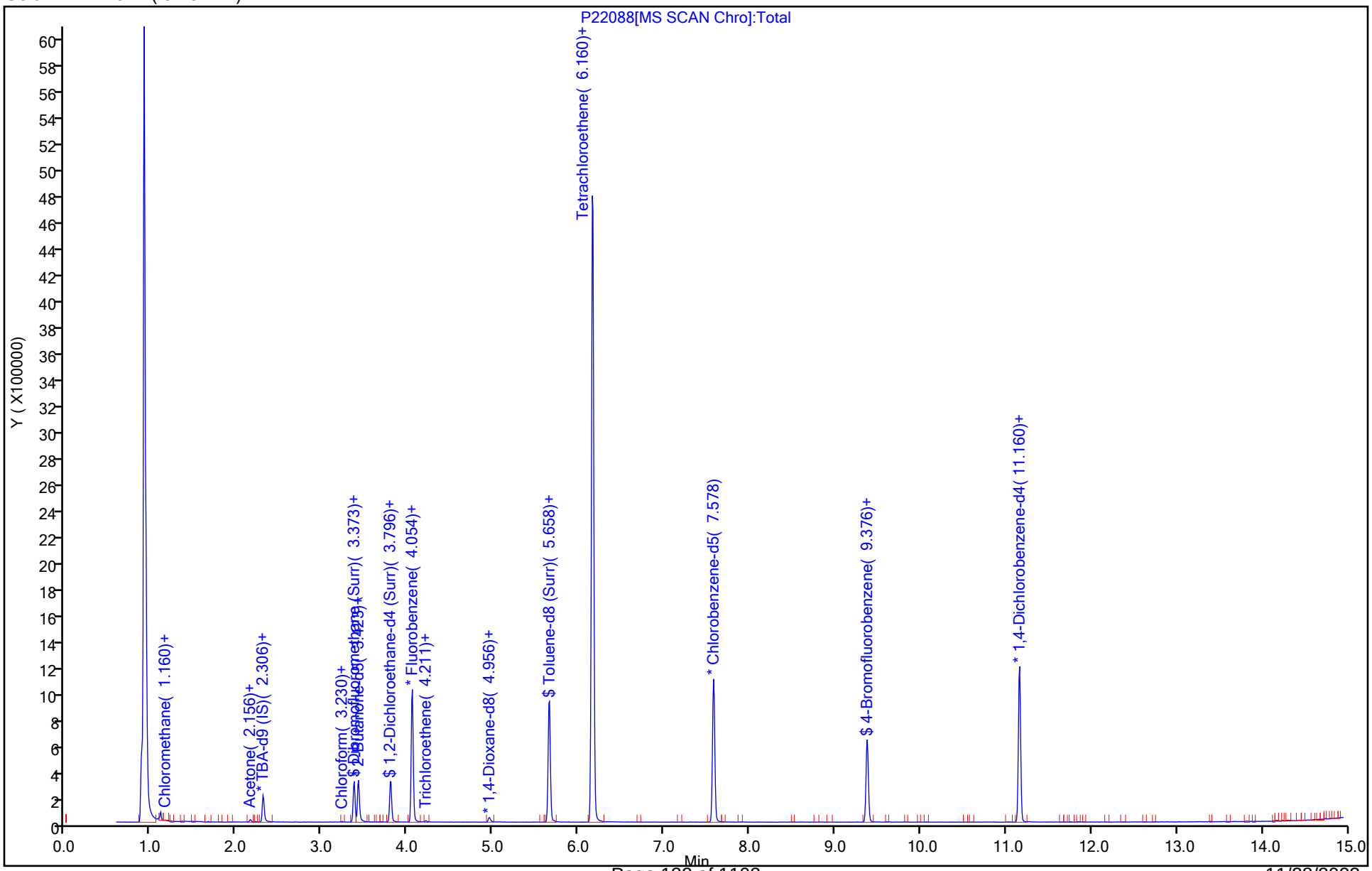
Report Date: 22-Nov-2023 10:43:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D

Injection Date:	21-Nov-2023 23:52:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-292871-B-7	Lab Sample ID:	460-292871-7	Worklist Smp#:	13
Client ID:	A-066				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D
Lims ID: 460-292871-B-7
Client ID: A-066
Sample Type: Client
Inject. Date: 21-Nov-2023 23:52:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-7
Misc. Info.: 460-0169207-013
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

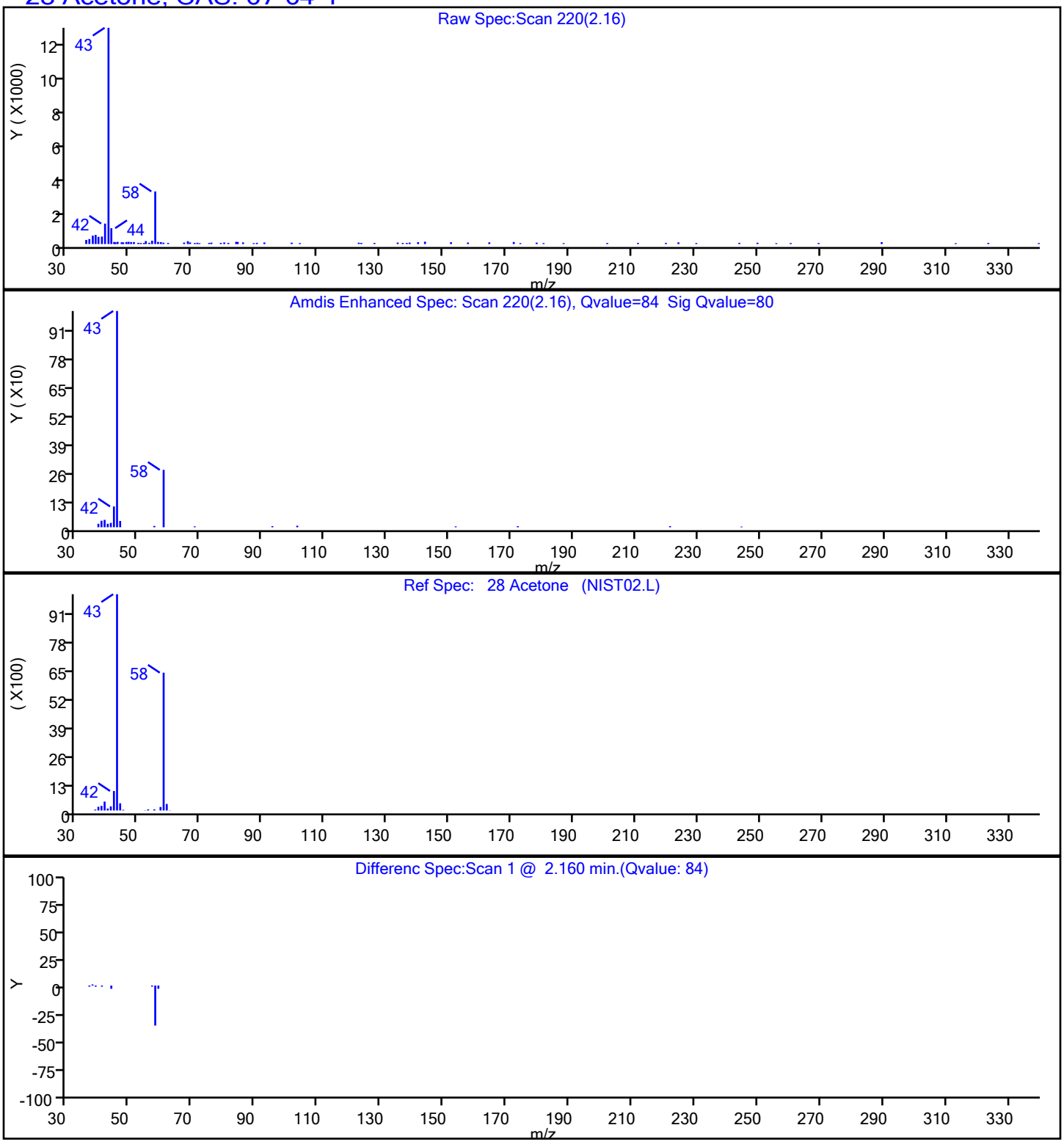
First Level Reviewer: KG2Q Date: 22-Nov-2023 08:16:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	54.1	108.13
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	59.8	119.51
$ 82 Toluene-d8 (Surr)	50.0	44.2	88.35
$ 107 4-Bromofluorobenzene	50.0	46.3	92.63

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D
Injection Date: 21-Nov-2023 23:52:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-7 Lab Sample ID: 460-292871-7
Client ID: A-066
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Acetone, CAS: 67-64-1



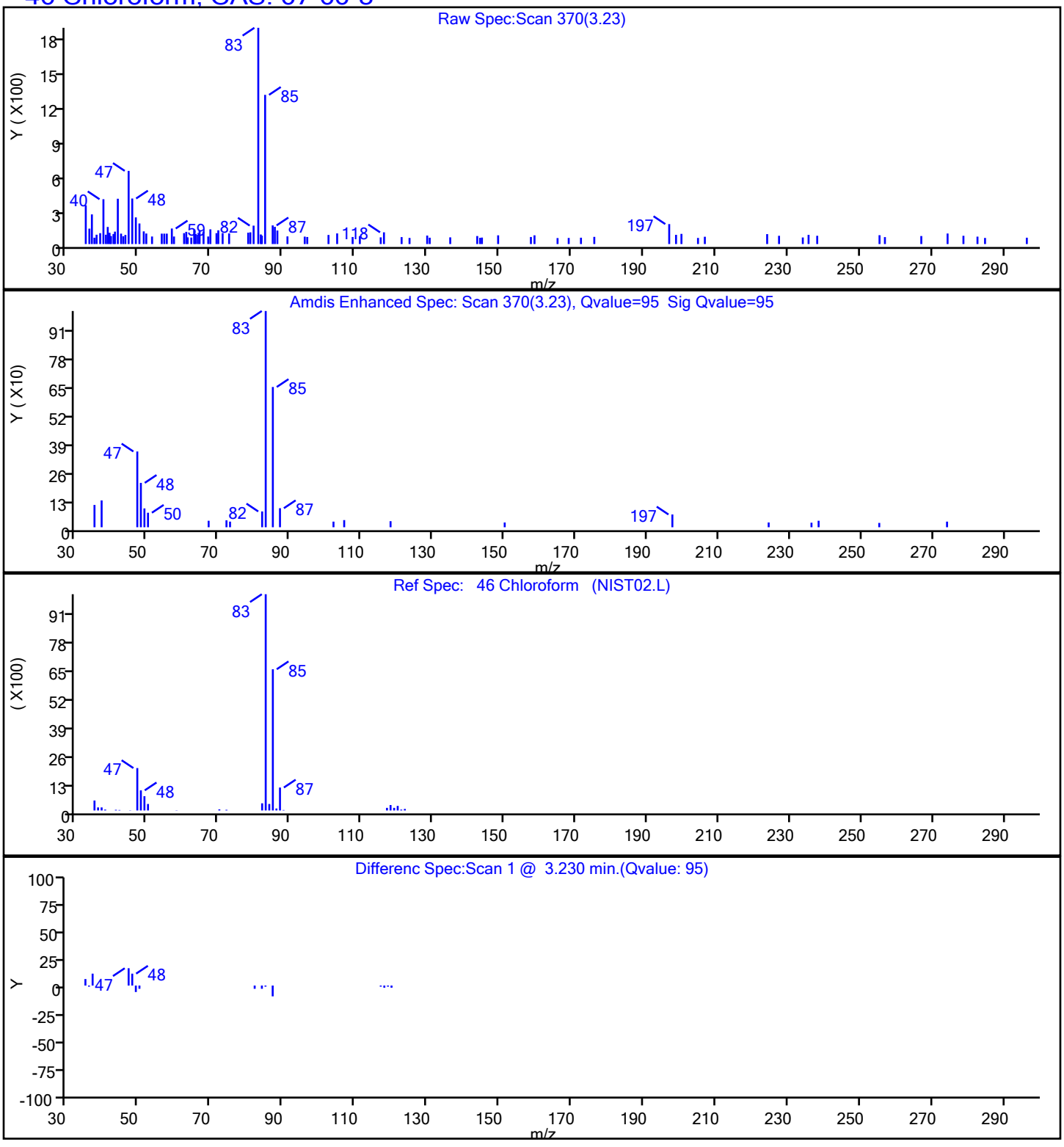
Report Date: 22-Nov-2023 10:43:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D

Injection Date:	21-Nov-2023 23:52:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-7	Lab Sample ID:	460-292871-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

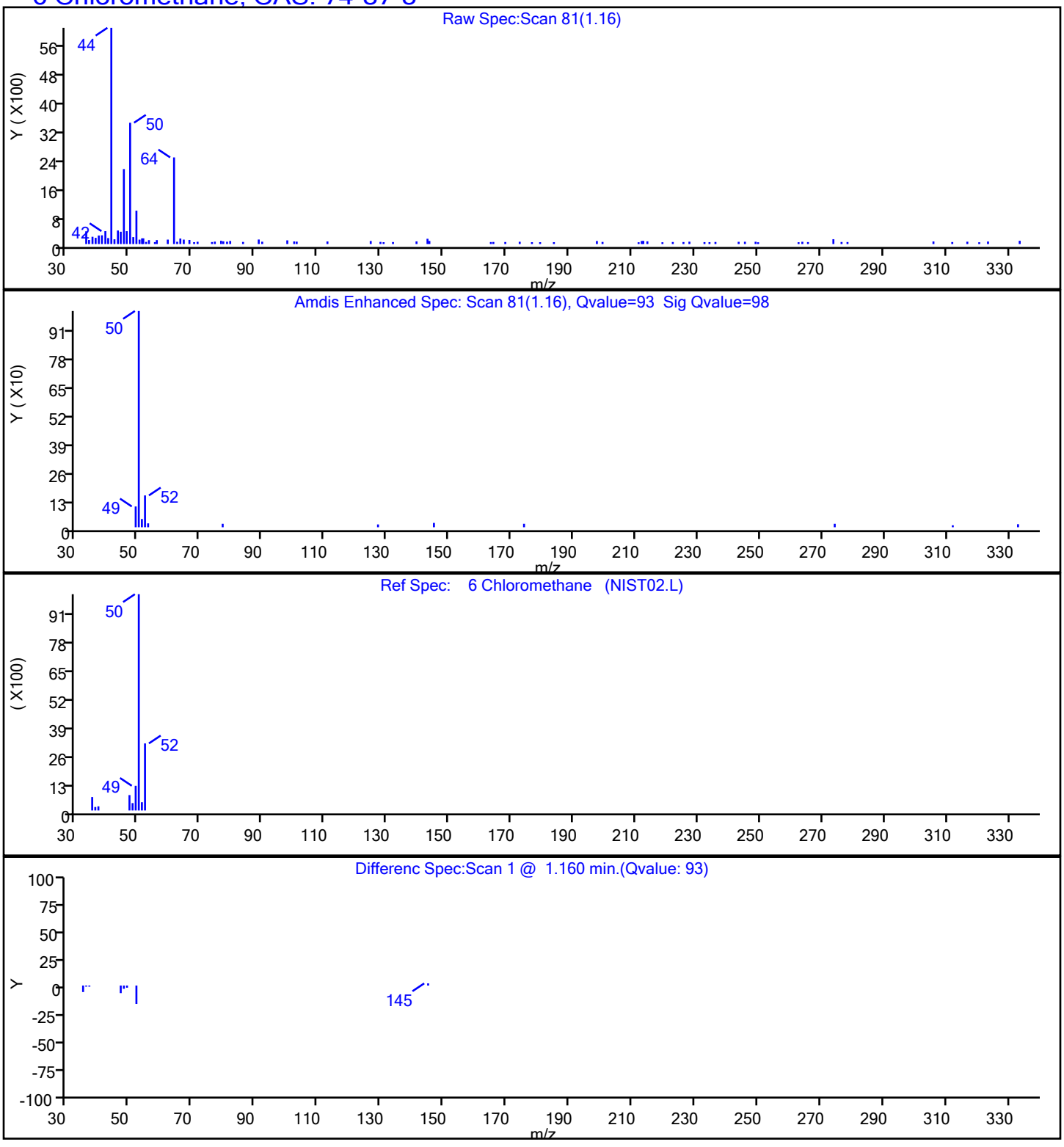
46 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D				
Injection Date:	21-Nov-2023 23:52:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-7	Lab Sample ID:	460-292871-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

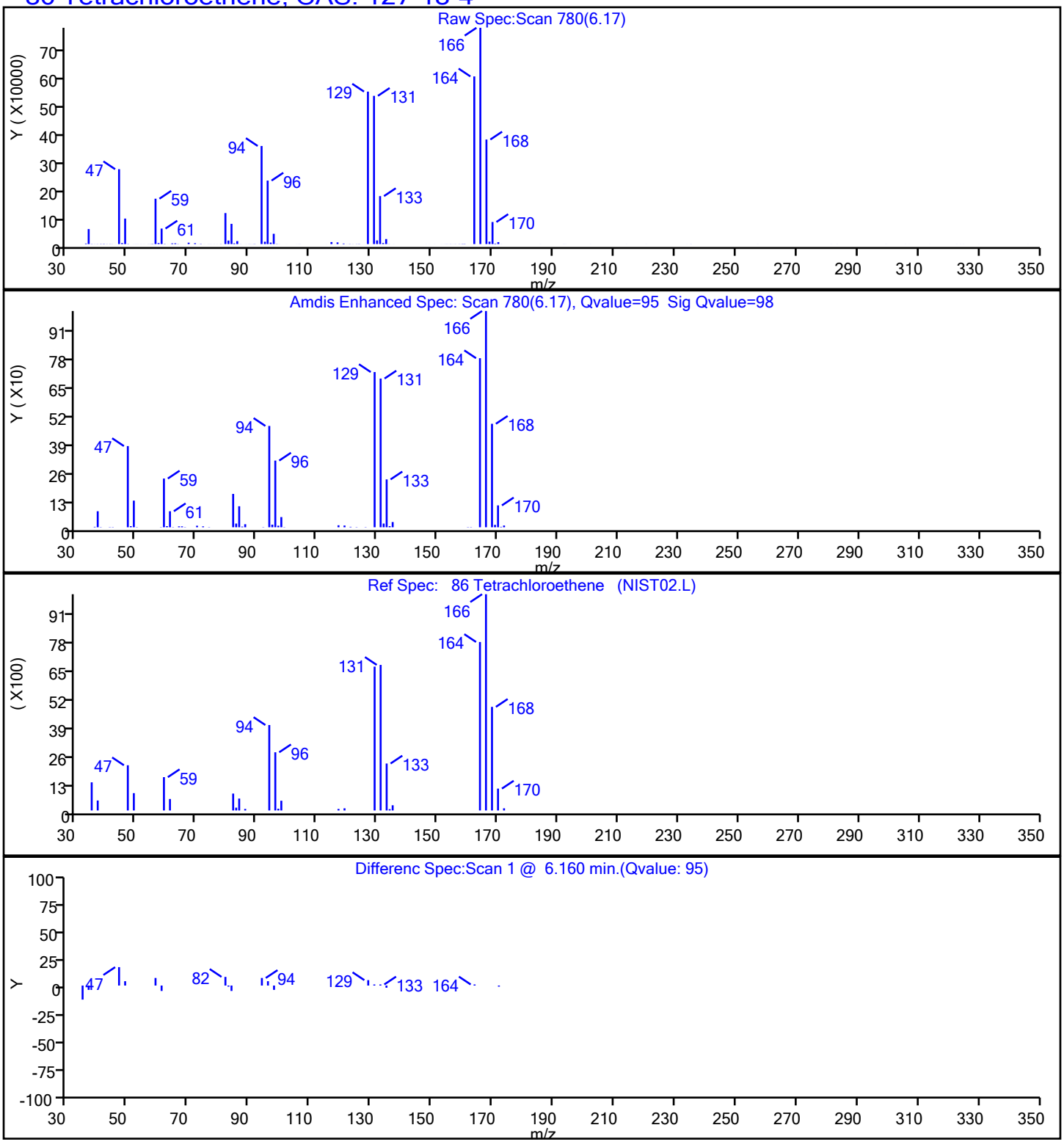
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D
Injection Date: 21-Nov-2023 23:52:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-7 Lab Sample ID: 460-292871-7
Client ID: A-066
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



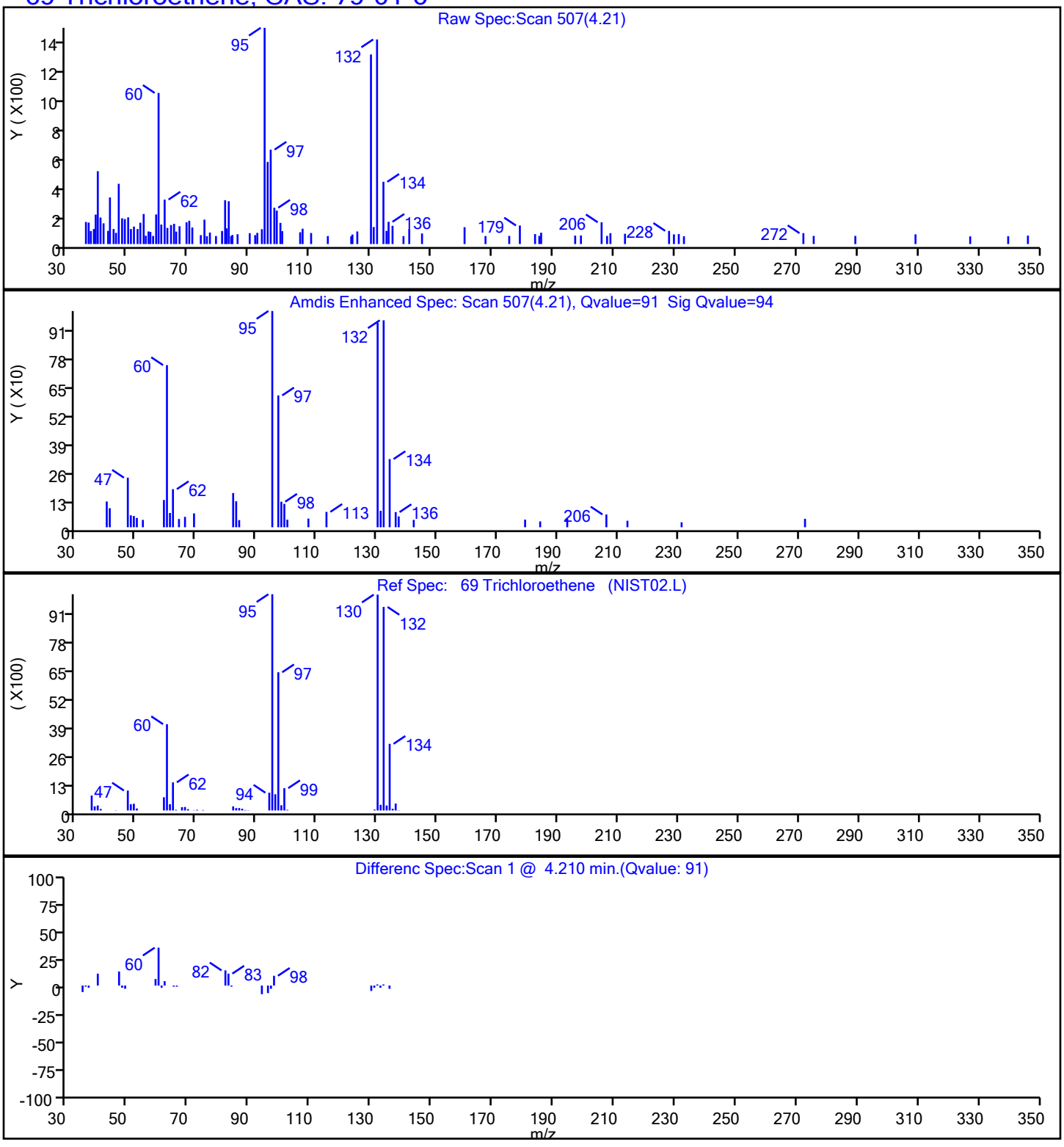
Report Date: 22-Nov-2023 10:43:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D

Injection Date:	21-Nov-2023 23:52:30	Instrument ID:	CVOAMS13
Lims ID:	460-292871-B-7	Lab Sample ID:	460-292871-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

69 Trichloroethene, CAS: 79-01-6



11/28/2023
7:43 PM

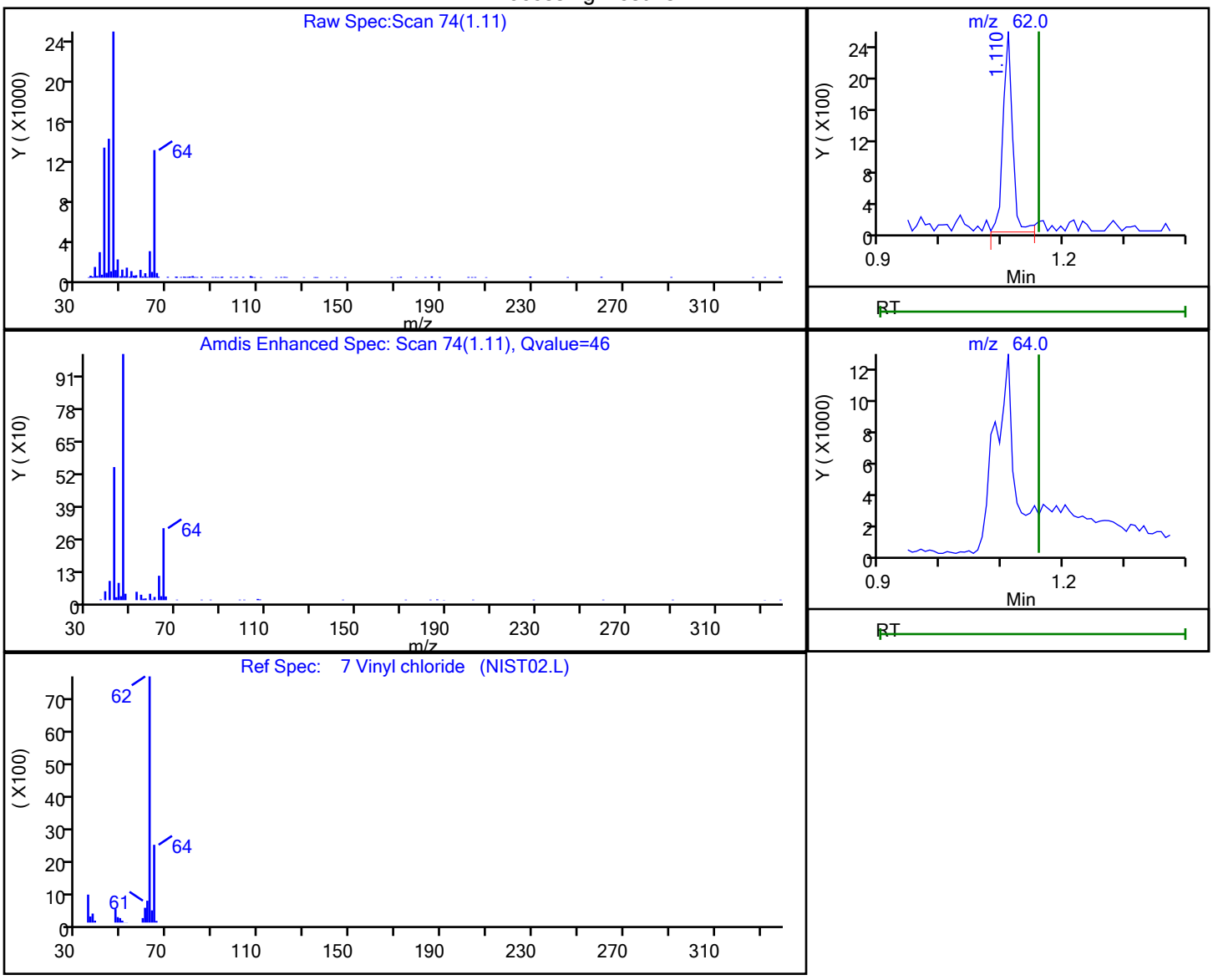
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22088.D				
Injection Date:	21-Nov-2023 23:52:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-7	Lab Sample ID:	460-292871-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.11	62.00	2738	0.510211
1.11	64.00	54203	

Reviewer: KG2Q, 22-Nov-2023 08:15:42 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-292871-8

Matrix: Water | Lab File ID: P22089.D

Analysis Method: 8260D | Date Collected: 11/08/2023 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 00:18

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	690		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	1.2	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-08 Lab Sample ID: 460-292871-8

Matrix: Water Lab File ID: P22089.D

Analysis Method: 8260D Date Collected: 11/08/2023 11:30

Sample wt/vol: 5(mL) Date Analyzed: 11/22/2023 00:18

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946046 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D
Lims ID: 460-292871-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 22-Nov-2023 00:18:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-292871-B-8
Misc. Info.: 460-0169207-014
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:16:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	97	186066	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	96	145087	53.5	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	99	348904	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	197048	60.0	
* 66 Fluorobenzene	96	4.054	4.047	0.008	97	754943	50.0	
69 Trichloroethene	130	4.211	4.211	0.000	92	2337	0.6197	
* 76 1,4-Dioxane-d8	96	4.949	4.949	0.000	62	27503	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.651	5.651	0.000	98	603160	45.1	
86 Tetrachloroethene	166	6.167	6.160	0.007	94	1282480	343.9	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	91	616936	50.0	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	87	196094	48.1	
* 123 1,4-Dichlorobenzene-d4	152	11.159	11.159	0.000	97	346049	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

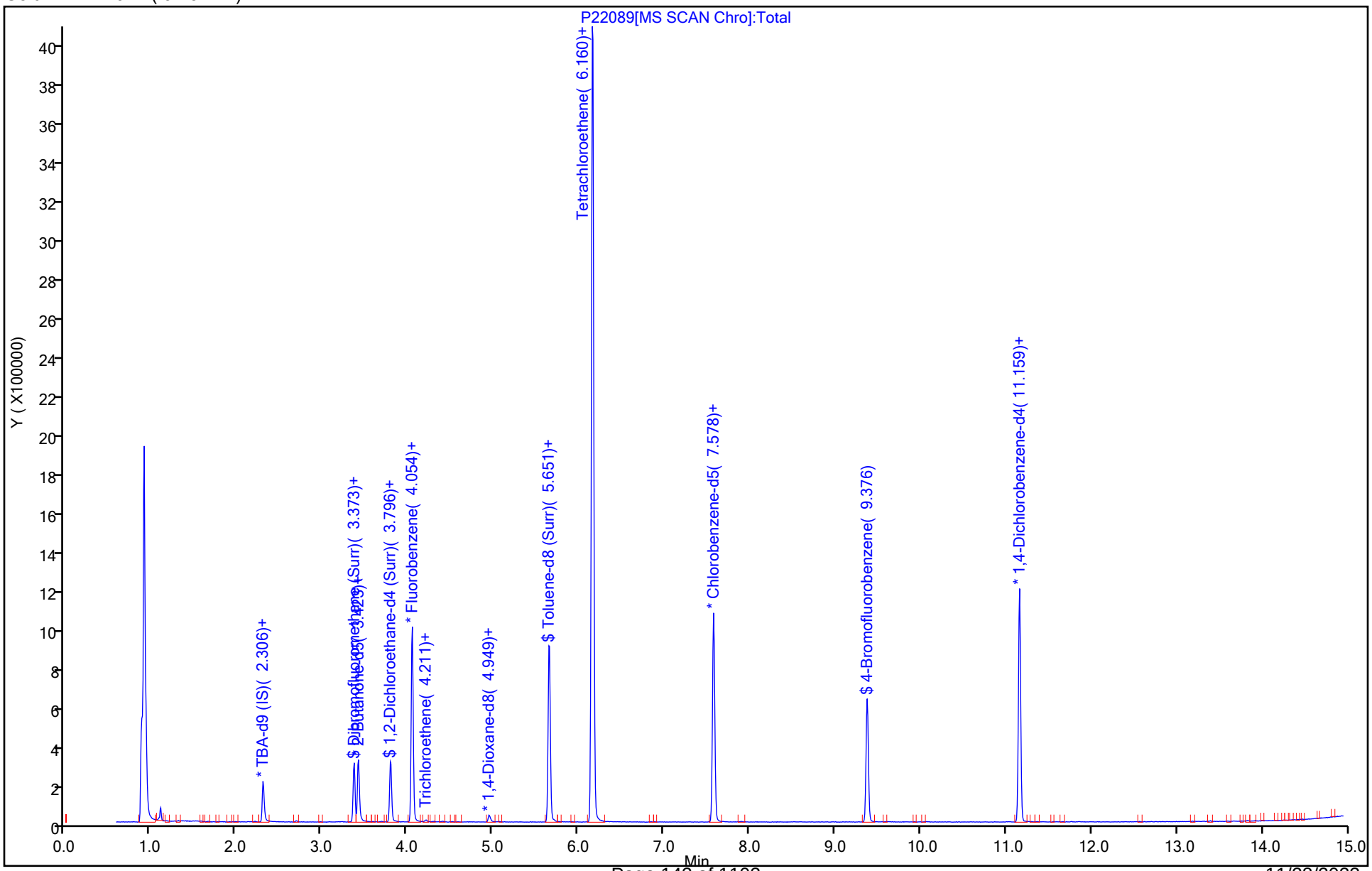
Report Date: 22-Nov-2023 10:48:59 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D

Injection Date:	22-Nov-2023 00:18:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-292871-B-8	Lab Sample ID:	460-292871-8	Worklist Smp#:	14
Client ID:	A-08				
Purge Vol:	5.000 mL	Dil. Factor:	2.0000	ALS Bottle#:	13
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D
Lims ID: 460-292871-B-8
Client ID: A-08
Sample Type: Client
Inject. Date: 22-Nov-2023 00:18:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-292871-B-8
Misc. Info.: 460-0169207-014
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:43:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

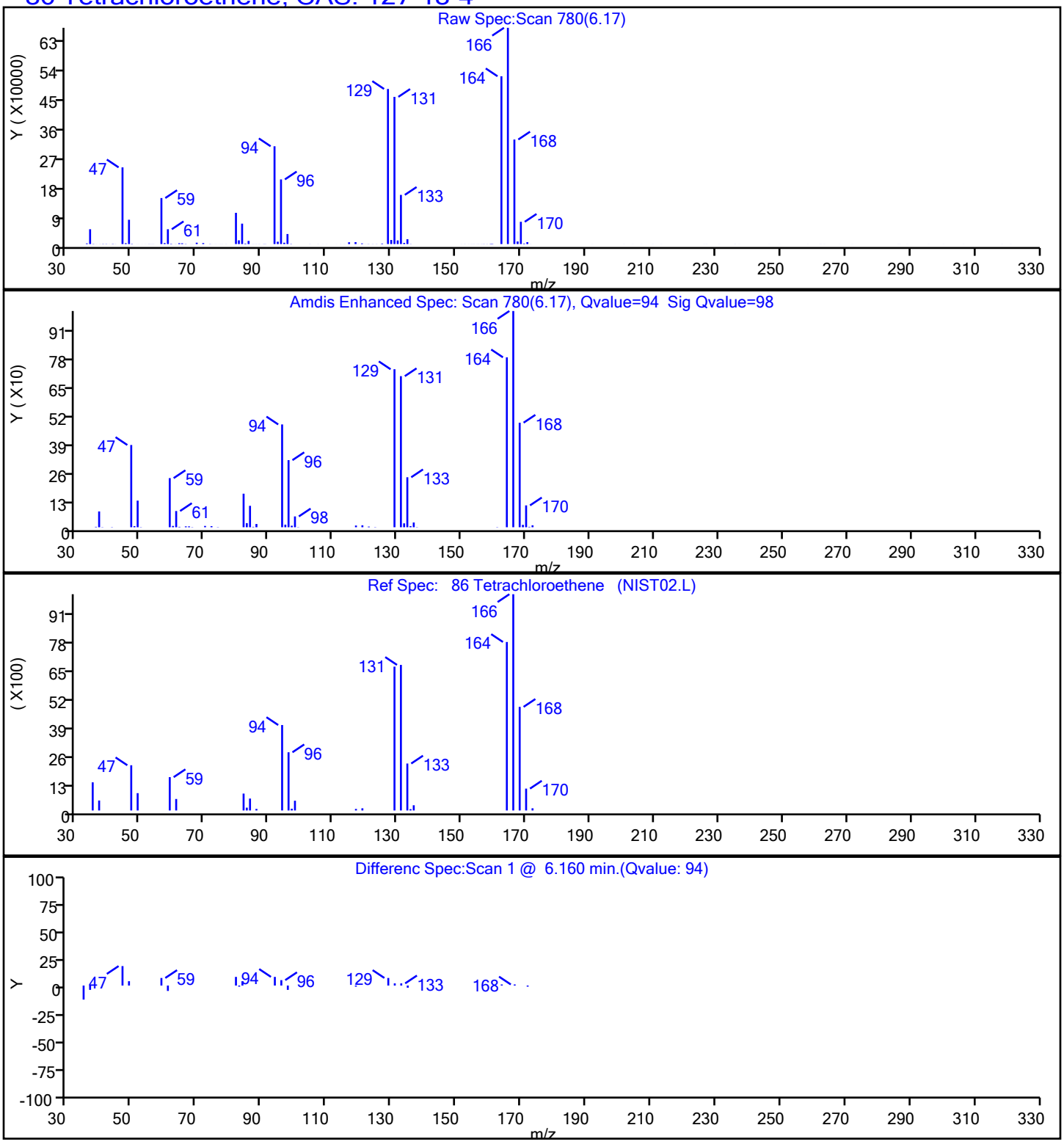
First Level Reviewer: KG2Q Date: 22-Nov-2023 08:16:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.5	106.98
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	60.0	120.07
$ 82 Toluene-d8 (Surr)	50.0	45.1	90.13
$ 107 4-Bromofluorobenzene	50.0	48.1	96.26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D
Injection Date: 22-Nov-2023 00:18:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-8 Lab Sample ID: 460-292871-8
Client ID: A-08
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

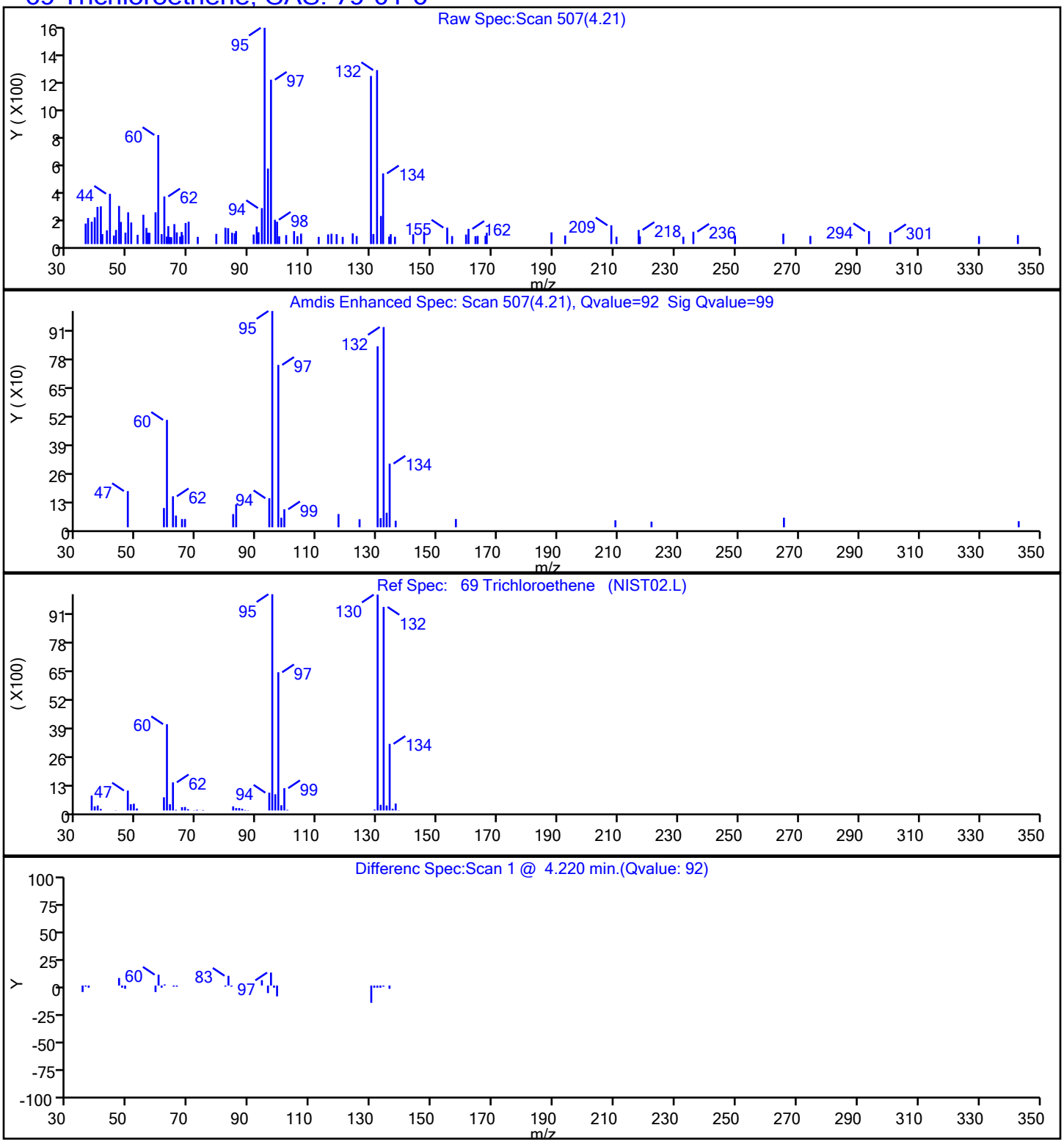
86 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D
Injection Date: 22-Nov-2023 00:18:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-8 Lab Sample ID: 460-292871-8
Client ID: A-08
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Trichloroethene, CAS: 79-01-6



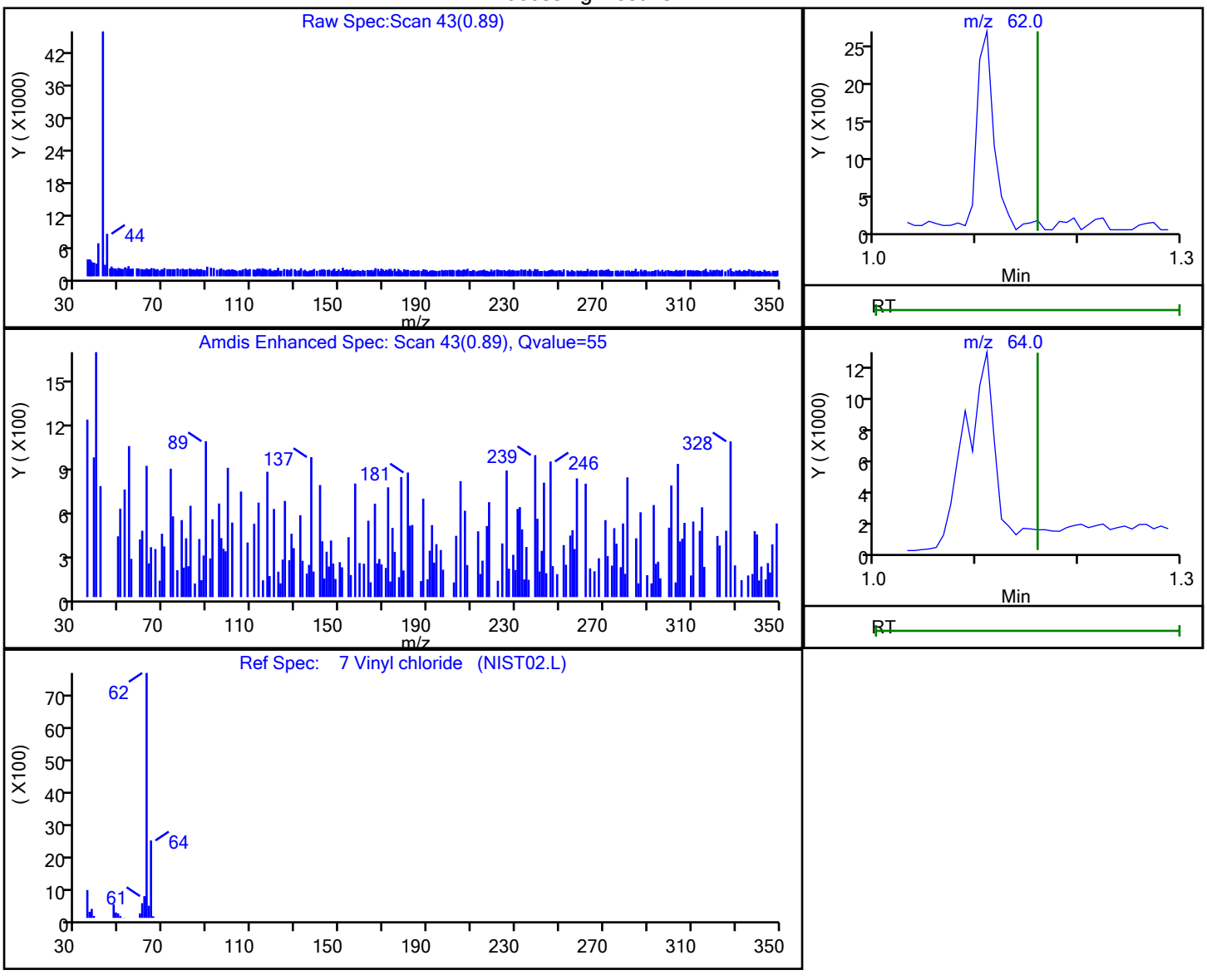
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22089.D				
Injection Date:	22-Nov-2023 00:18:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-8	Lab Sample ID:	460-292871-8		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.89	62.00	3008	0.560317
0.89	64.00	4103	

Reviewer: KG2Q, 22-Nov-2023 08:16:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-292871-9

Matrix: Water | Lab File ID: N73688.D

Analysis Method: 8260D | Date Collected: 11/08/2023 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	15		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-07 Lab Sample ID: 460-292871-9

Matrix: Water Lab File ID: N73688.D

Analysis Method: 8260D Date Collected: 11/08/2023 12:15

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 17:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945897 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73688.D
Lims ID: 460-292871-A-9
Client ID: A-07
Sample Type: Client
Inject. Date: 21-Nov-2023 17:40:30 ALS Bottle#: 45 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-9
Misc. Info.: 460-0169172-029
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: XE5L Date: 22-Nov-2023 12:40:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.865	1.877	-0.012	100	78485	1000.0	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	97	222604	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	2.997	-0.007	96	120775	52.9	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.240	3.246	-0.006	0	105562	47.3	
* 67 Fluorobenzene	96	3.513	3.520	-0.007	99	363125	50.0	
* 73 1,4-Dioxane-d8	96	4.116	4.122	-0.006	97	14755	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	318511	45.7	
89 Tetrachloroethene	166	5.637	5.643	-0.006	97	27926	14.6	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	85	272537	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.089	-0.001	90	94279	48.2	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.561	0.006	95	126563	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

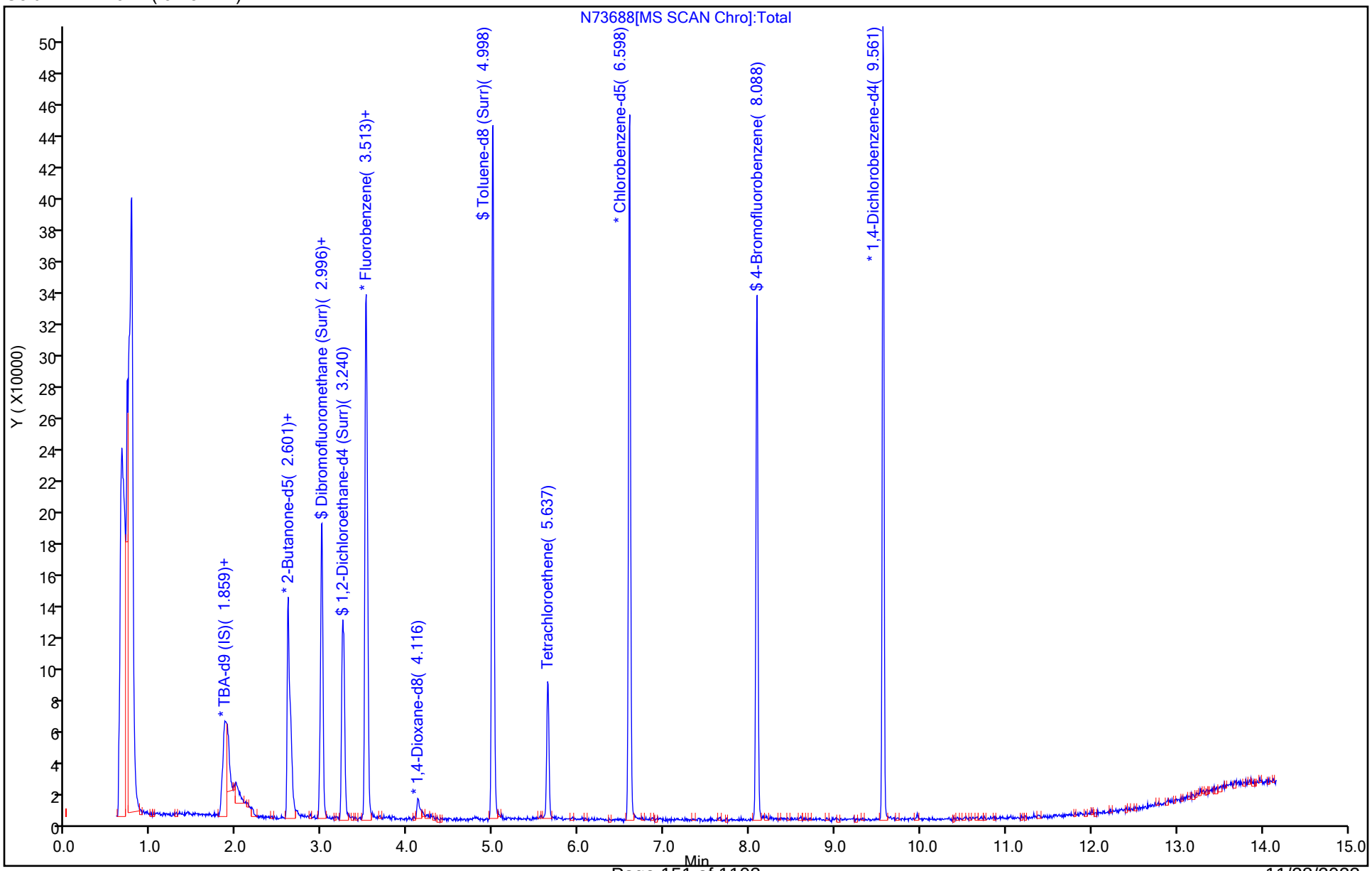
Report Date: 22-Nov-2023 12:40:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73688.D

Injection Date:	21-Nov-2023 17:40:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-9	Lab Sample ID:	460-292871-9	Worklist Smp#:	29
Client ID:	A-07				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	45
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73688.D
Lims ID: 460-292871-A-9
Client ID: A-07
Sample Type: Client
Inject. Date: 21-Nov-2023 17:40:30 ALS Bottle#: 45 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-9
Misc. Info.: 460-0169172-029
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

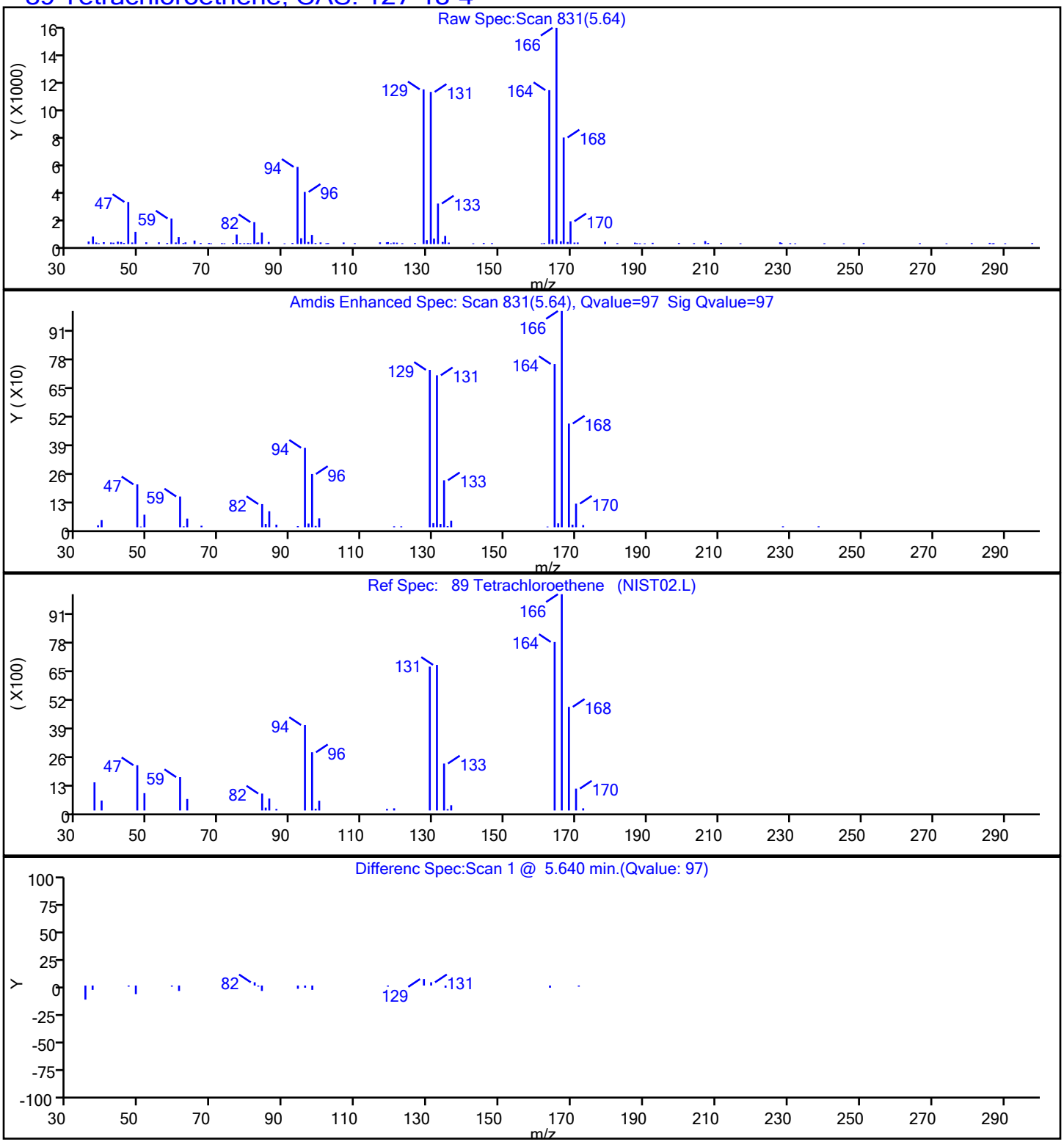
First Level Reviewer: XE5L Date: 22-Nov-2023 12:40:22

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.9	105.87
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.66
$ 84 Toluene-d8 (Surr)	50.0	45.7	91.40
$ 106 4-Bromofluorobenzene	50.0	48.2	96.38

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73688.D		
Injection Date:	21-Nov-2023 17:40:30	Instrument ID:	CVOAMS11
Lims ID:	460-292871-A-9	Lab Sample ID:	460-292871-9
Client ID:	A-07		
Operator ID:		ALS Bottle#:	45 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

89 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-292871-10

Matrix: Water | Lab File ID: N73689.D

Analysis Method: 8260D | Date Collected: 11/08/2023 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 18:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	140		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.39	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-05 Lab Sample ID: 460-292871-10

Matrix: Water Lab File ID: N73689.D

Analysis Method: 8260D Date Collected: 11/08/2023 12:30

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 18:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945897 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D
Lims ID: 460-292871-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 21-Nov-2023 18:04:30 ALS Bottle#: 46 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-10
Misc. Info.: 460-0169172-030
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 18:26:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.865	1.877	-0.012	100	76209	1000.0	
* 43 2-Butanone-d5	46	2.607	2.601	0.006	97	197734	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	2.997	-0.007	97	109426	50.8	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	100327	47.7	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	342798	50.0	
69 Trichloroethene	95	3.836	3.830	0.006	45	778	0.3917	
* 73 1,4-Dioxane-d8	96	4.128	4.122	0.006	95	17411	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	98	307107	46.1	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	255412	139.5	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	260483	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.089	-0.001	90	91014	48.7	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	114777	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

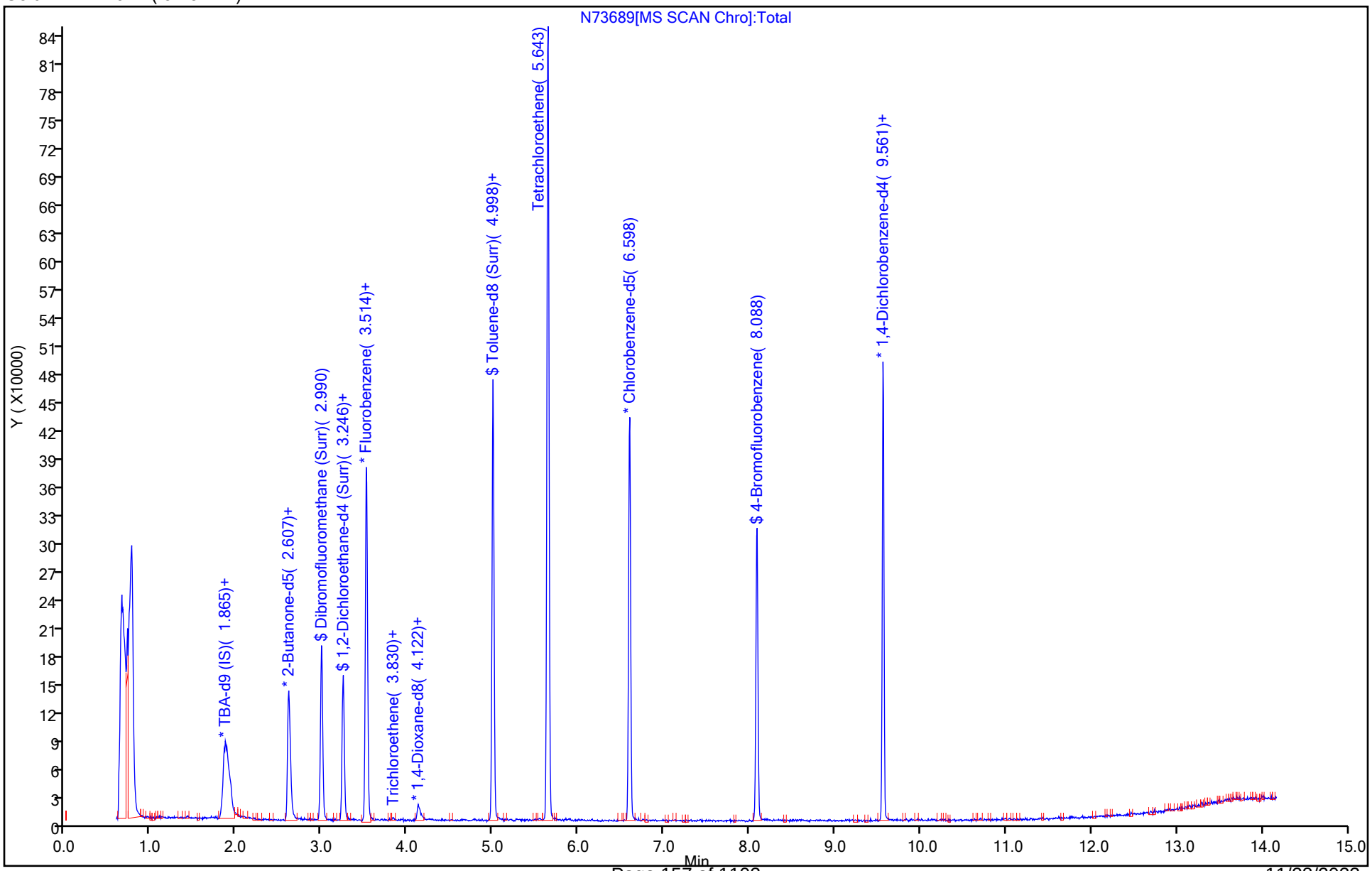
Report Date: 22-Nov-2023 12:40:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D

Injection Date:	21-Nov-2023 18:04:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-10	Lab Sample ID:	460-292871-10	Worklist Smp#:	30
Client ID:	A-05				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	46
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D
Lims ID: 460-292871-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 21-Nov-2023 18:04:30 ALS Bottle#: 46 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-10
Misc. Info.: 460-0169172-030
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 18:26:32

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.8	101.61
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.7	95.30
$ 84 Toluene-d8 (Surr)	50.0	46.1	92.21
$ 106 4-Bromofluorobenzene	50.0	48.7	97.35

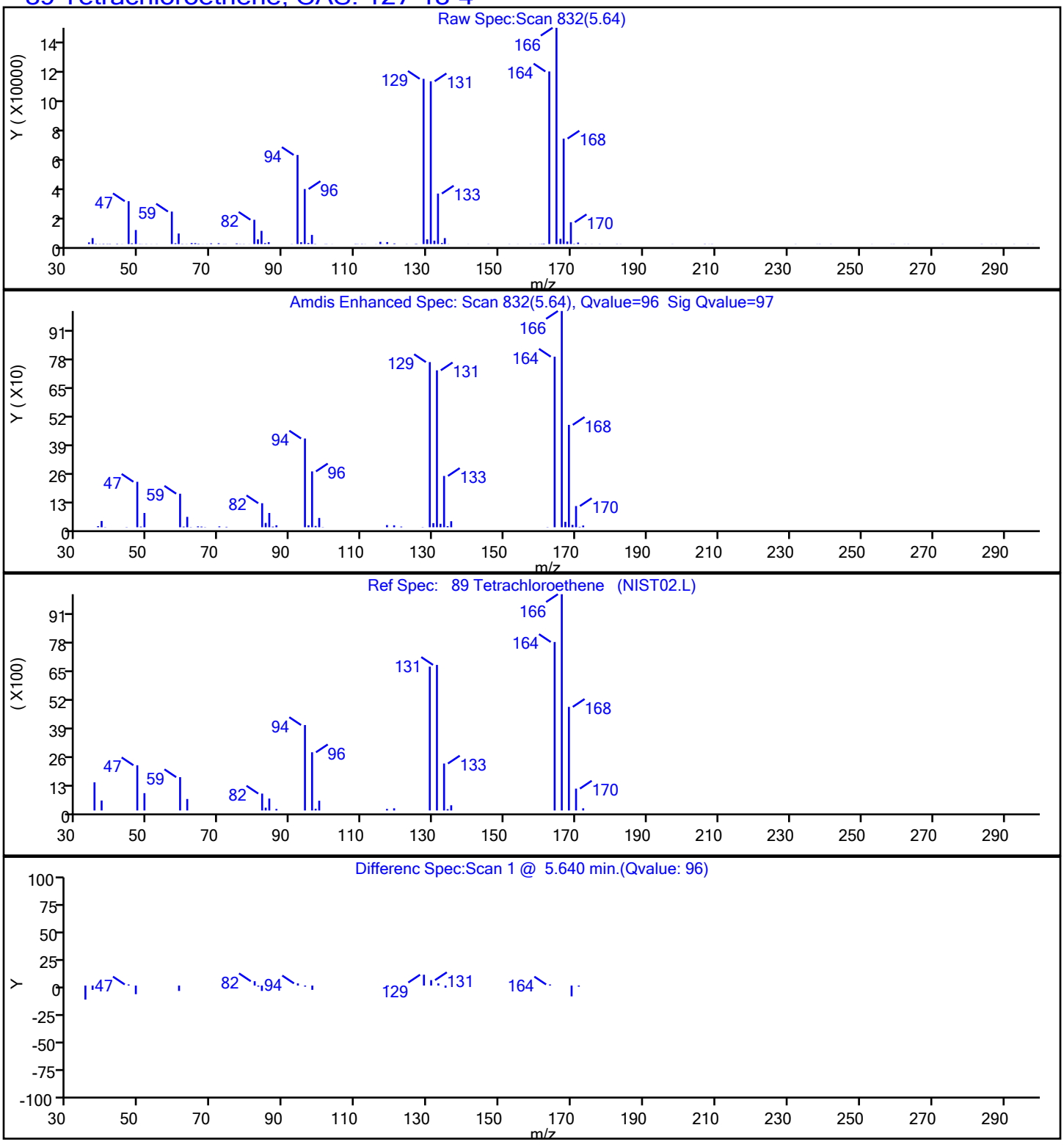
Report Date: 22-Nov-2023 12:40:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D

Injection Date:	21-Nov-2023 18:04:30	Instrument ID:	CVOAMS11
Lims ID:	460-292871-A-10	Lab Sample ID:	460-292871-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	46 Worklist Smp#: 30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

89 Tetrachloroethene, CAS: 127-18-4



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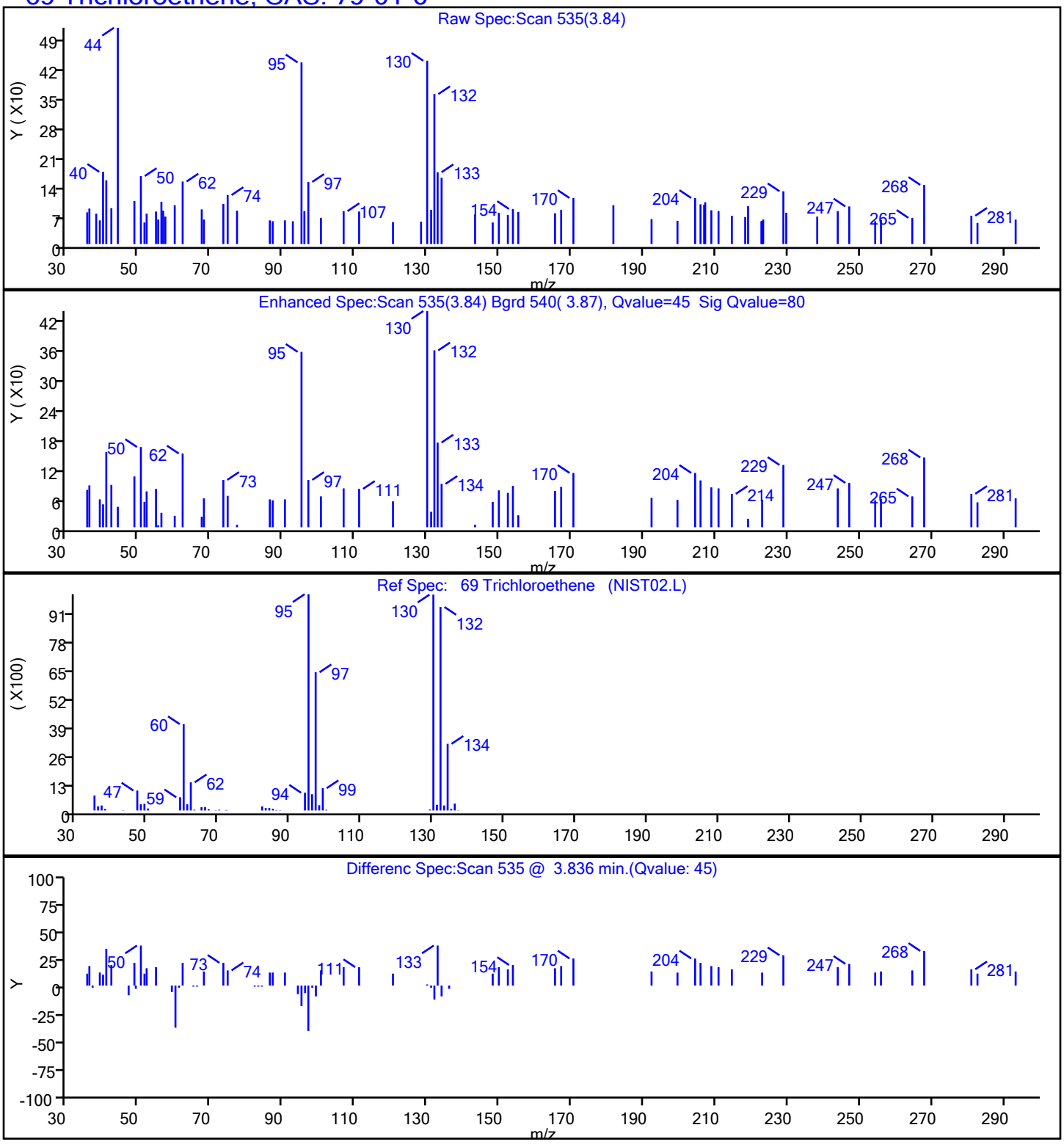
Report Date: 22-Nov-2023 12:40:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D

Injection Date:	21-Nov-2023 18:04:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-10	Lab Sample ID:	460-292871-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

69 Trichloroethene, CAS: 79-01-6



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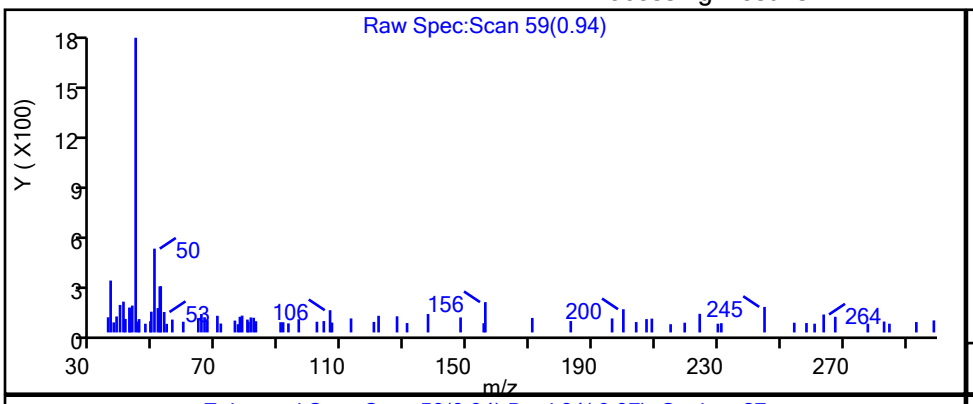
User Disabled Compound Report

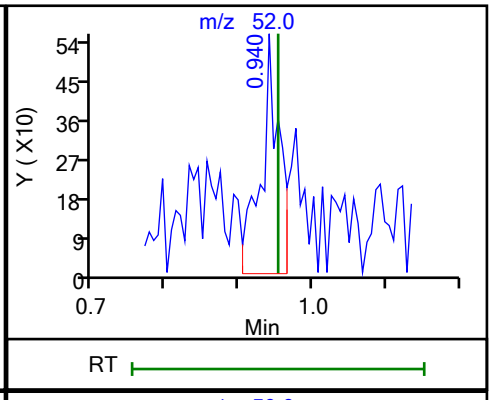
Eurofins Edison

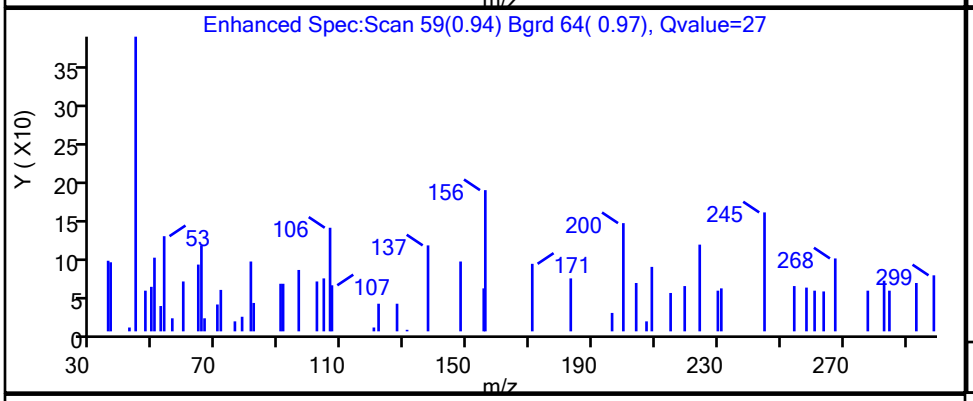
Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73689.D				
Injection Date:	21-Nov-2023 18:04:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-A-10	Lab Sample ID:	460-292871-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	46	Worklist Smp#:	30
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

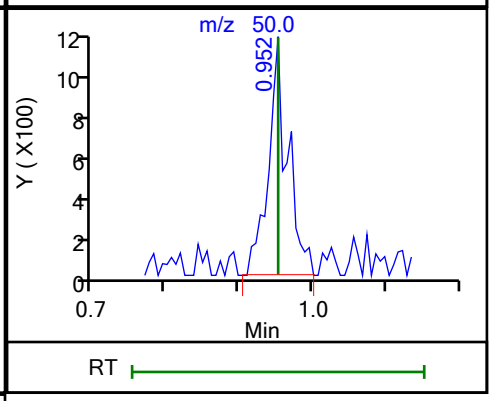
7 Chloromethane, CAS: 74-87-3

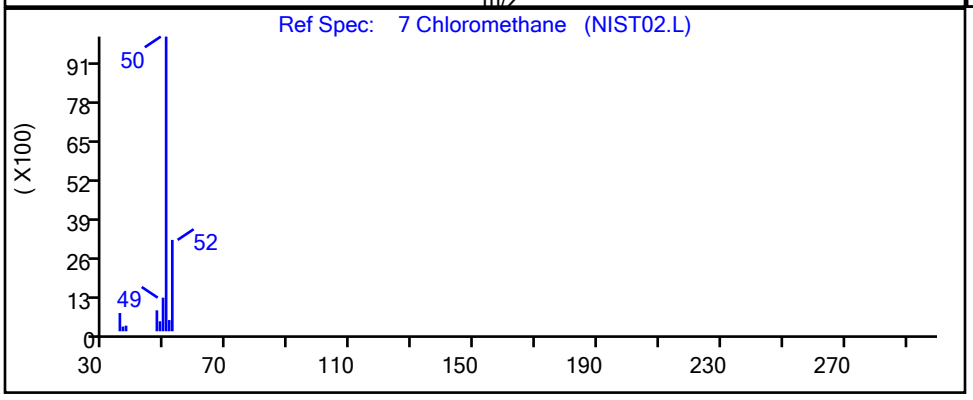
Processing Results











RT	Mass	Response	Amount
0.94	52.00	966	0.933655
0.95	50.00	2094	

Reviewer: C1JX, 21-Nov-2023 18:26:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-292871-11

Matrix: Water | Lab File ID: N73690.D

Analysis Method: 8260D | Date Collected: 11/08/2023 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 18:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	11		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-292871-11

Matrix: Water | Lab File ID: N73690.D

Analysis Method: 8260D | Date Collected: 11/08/2023 12:55

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 18:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73690.D
Lims ID: 460-292871-C-11
Client ID: A-09
Sample Type: Client
Inject. Date: 21-Nov-2023 18:28:30 ALS Bottle#: 47 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-C-11
Misc. Info.: 460-0169172-031
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 19:27:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.871	1.877	-0.006	99	80595	1000.0	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	97	215733	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	2.997	-0.007	97	112169	49.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	104268	47.2	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	359864	50.0	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	97	17633	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	98	317900	46.2	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	20434	10.8	
* 95 Chlorobenzene-d5	117	6.592	6.598	-0.006	85	269033	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.089	-0.001	90	92866	48.1	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	123228	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

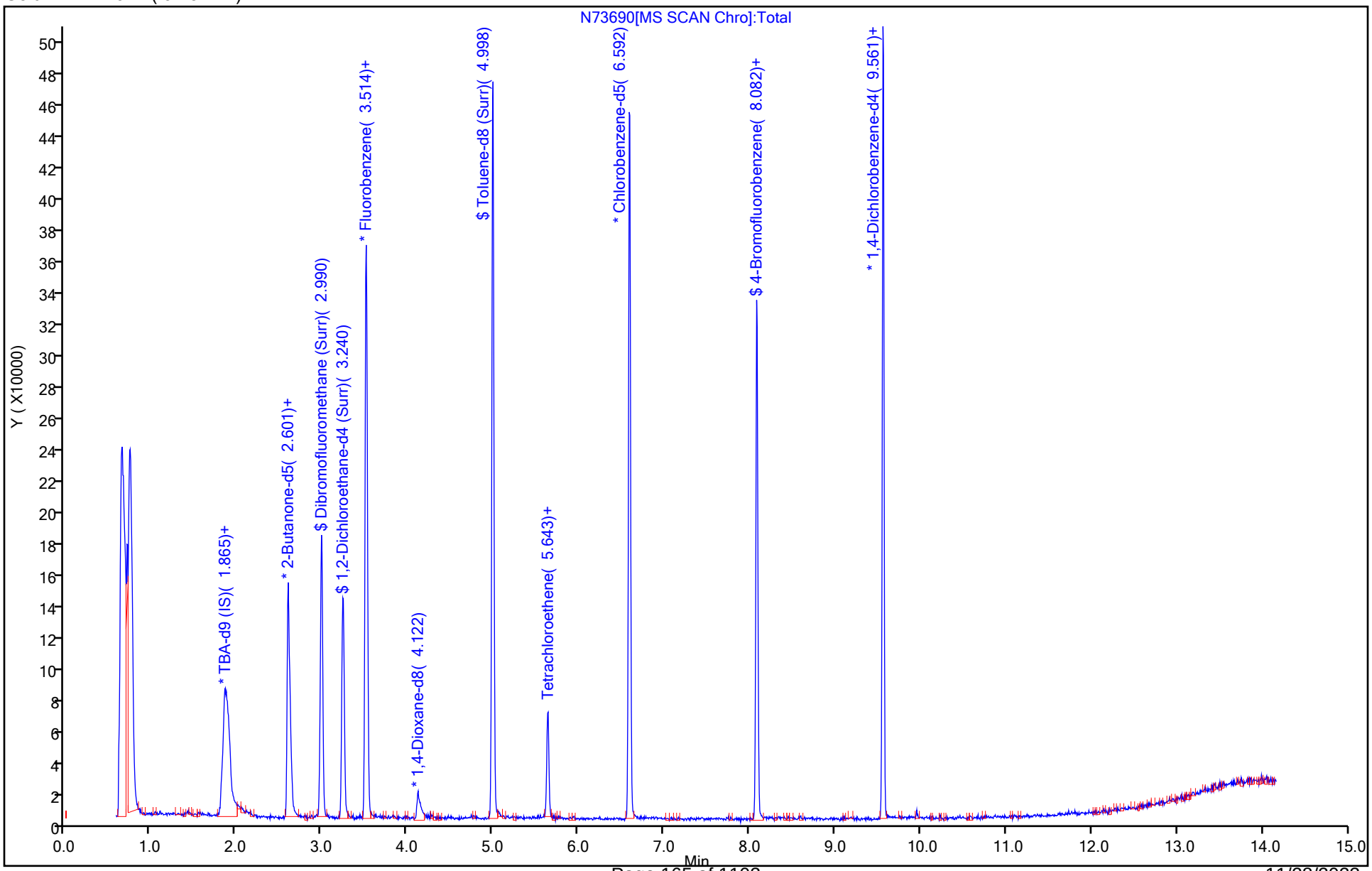
Report Date: 22-Nov-2023 12:41:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73690.D

Injection Date:	21-Nov-2023 18:28:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-C-11	Lab Sample ID:	460-292871-11	Worklist Smp#:	31
Client ID:	A-09				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	47
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73690.D
Lims ID: 460-292871-C-11
Client ID: A-09
Sample Type: Client
Inject. Date: 21-Nov-2023 18:28:30 ALS Bottle#: 47 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-C-11
Misc. Info.: 460-0169172-031
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 19:27:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.6	99.22
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.2	94.35
$ 84 Toluene-d8 (Surr)	50.0	46.2	92.41
$ 106 4-Bromofluorobenzene	50.0	48.1	96.17

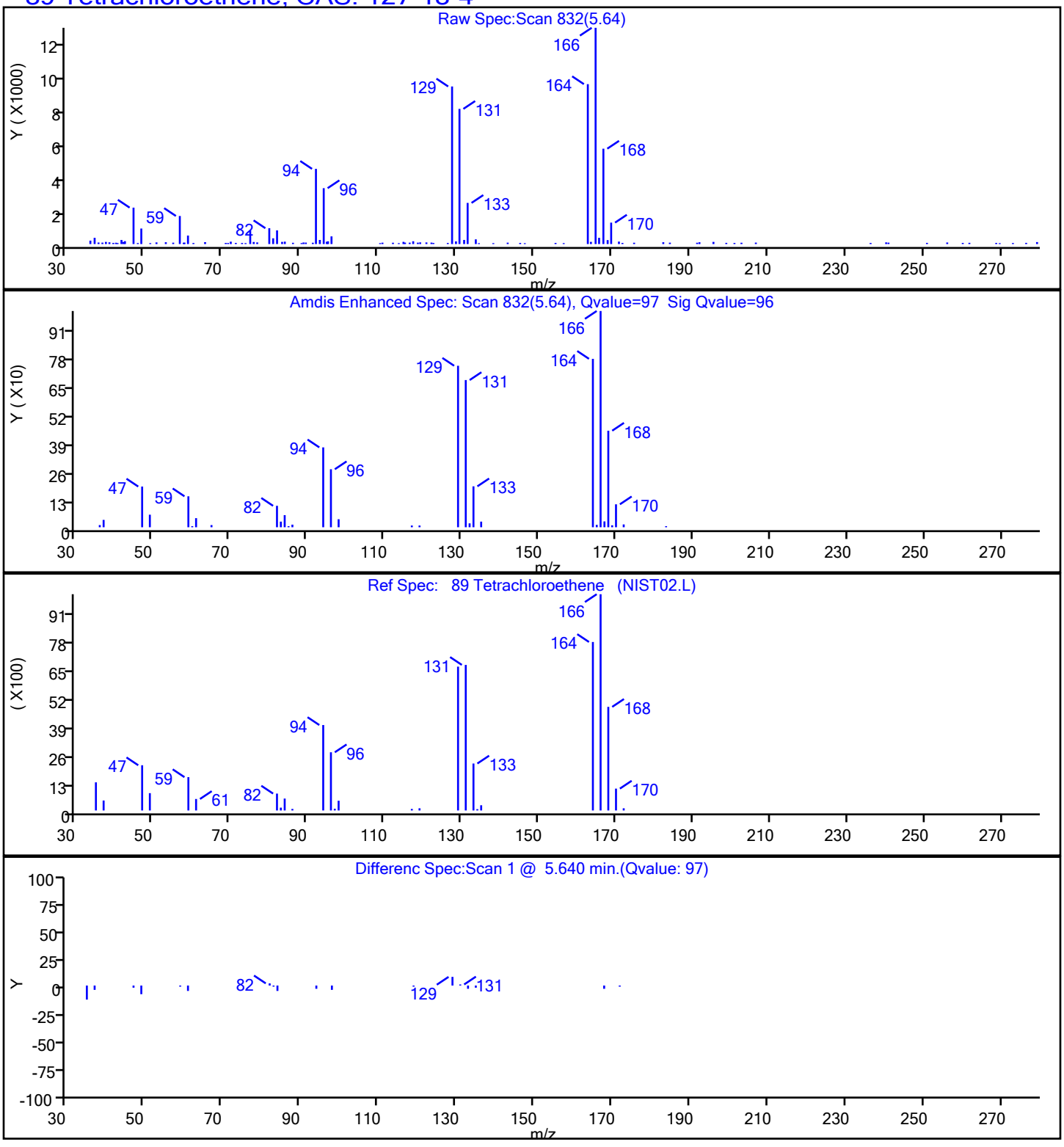
Report Date: 22-Nov-2023 12:41:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73690.D

Injection Date:	21-Nov-2023 18:28:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-C-11	Lab Sample ID:	460-292871-11		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

89 Tetrachloroethene, CAS: 127-18-4



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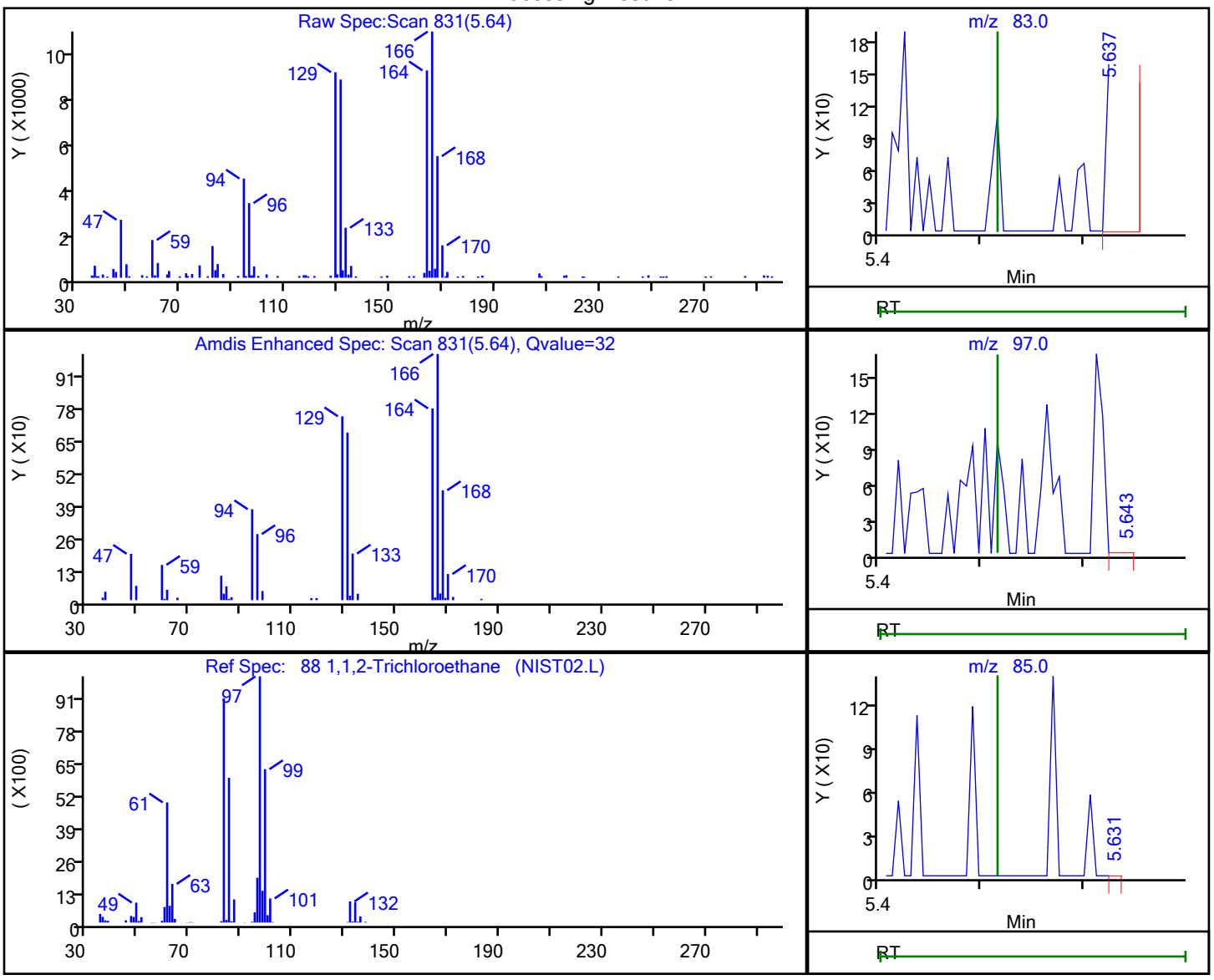
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73690.D				
Injection Date:	21-Nov-2023 18:28:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-C-11	Lab Sample ID:	460-292871-11		
Client ID:	A-09				
Operator ID:		ALS Bottle#:	47	Worklist Smp#:	31
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

88 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.64	83.00	526	0.353791
5.64	97.00	188	
5.63	85.00	45	

Reviewer: C1JX, 21-Nov-2023 19:26:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-292871-12

Matrix: Water | Lab File ID: P22085.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 22:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	20		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.70	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-292871-12

Matrix: Water | Lab File ID: P22085.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:20

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 22:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-128
460-00-4	4-Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D
Lims ID: 460-292871-B-12
Client ID: A-10
Sample Type: Client
Inject. Date: 21-Nov-2023 22:33:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-12
Misc. Info.: 460-0169207-010
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:41:13 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 23:13:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	97	157314	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	95	148875	53.2	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	99	311623	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	189933	56.1	
* 66 Fluorobenzene	96	4.054	4.047	0.008	97	779370	50.0	
69 Trichloroethene	130	4.211	4.211	0.000	94	2719	0.6984	
* 76 1,4-Dioxane-d8	96	4.956	4.949	0.007	60	22456	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.658	5.651	0.007	98	621327	45.4	
86 Tetrachloroethene	166	6.167	6.160	0.007	94	77698	20.4	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	91	631118	50.0	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	87	196249	47.1	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	97	346279	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

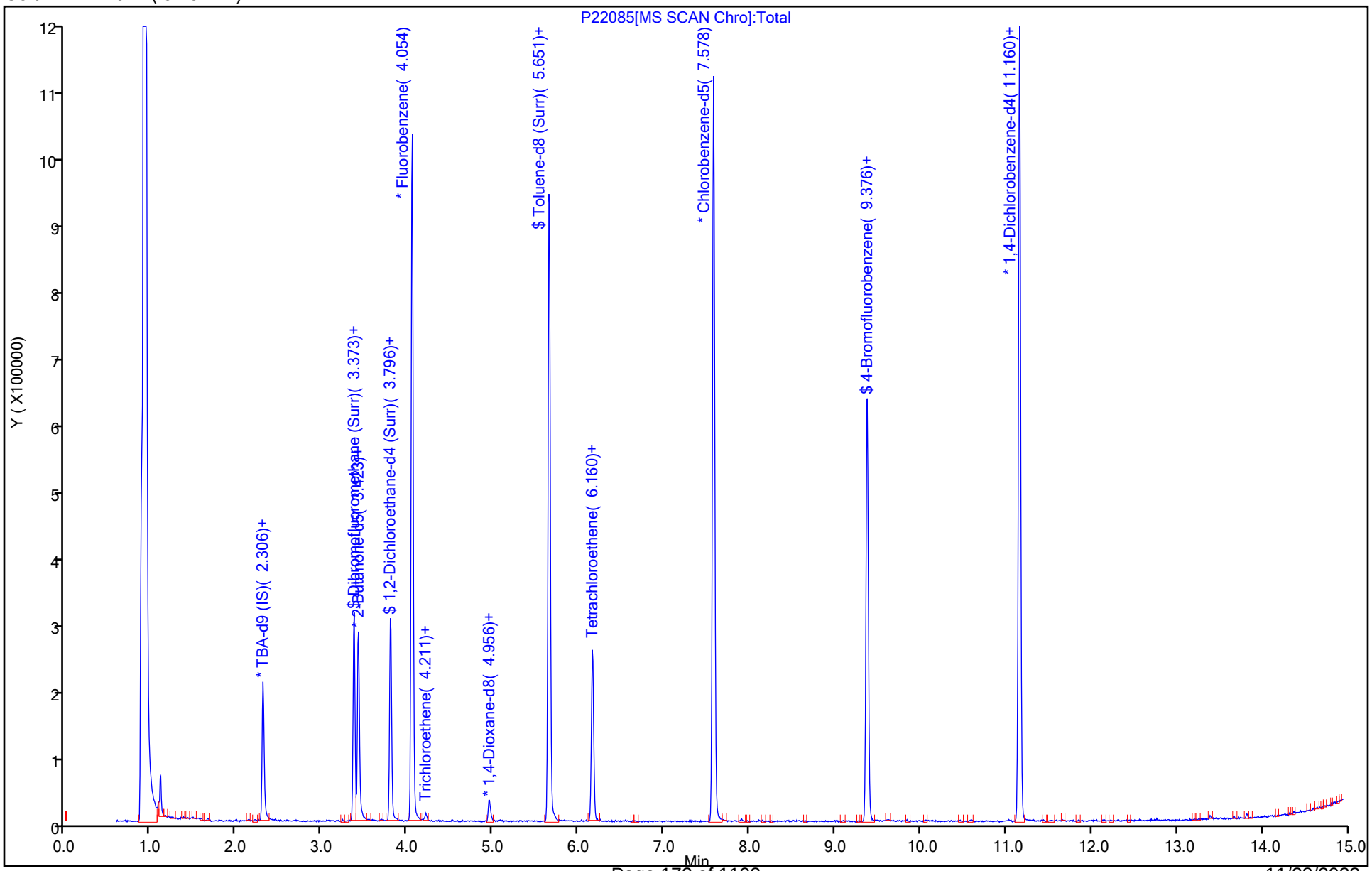
Report Date: 22-Nov-2023 10:42:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D

Injection Date:	21-Nov-2023 22:33:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-292871-B-12	Lab Sample ID:	460-292871-12	Worklist Smp#:	10
Client ID:	A-10				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D
Lims ID: 460-292871-B-12
Client ID: A-10
Sample Type: Client
Inject. Date: 21-Nov-2023 22:33:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-12
Misc. Info.: 460-0169207-010
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:41:13 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

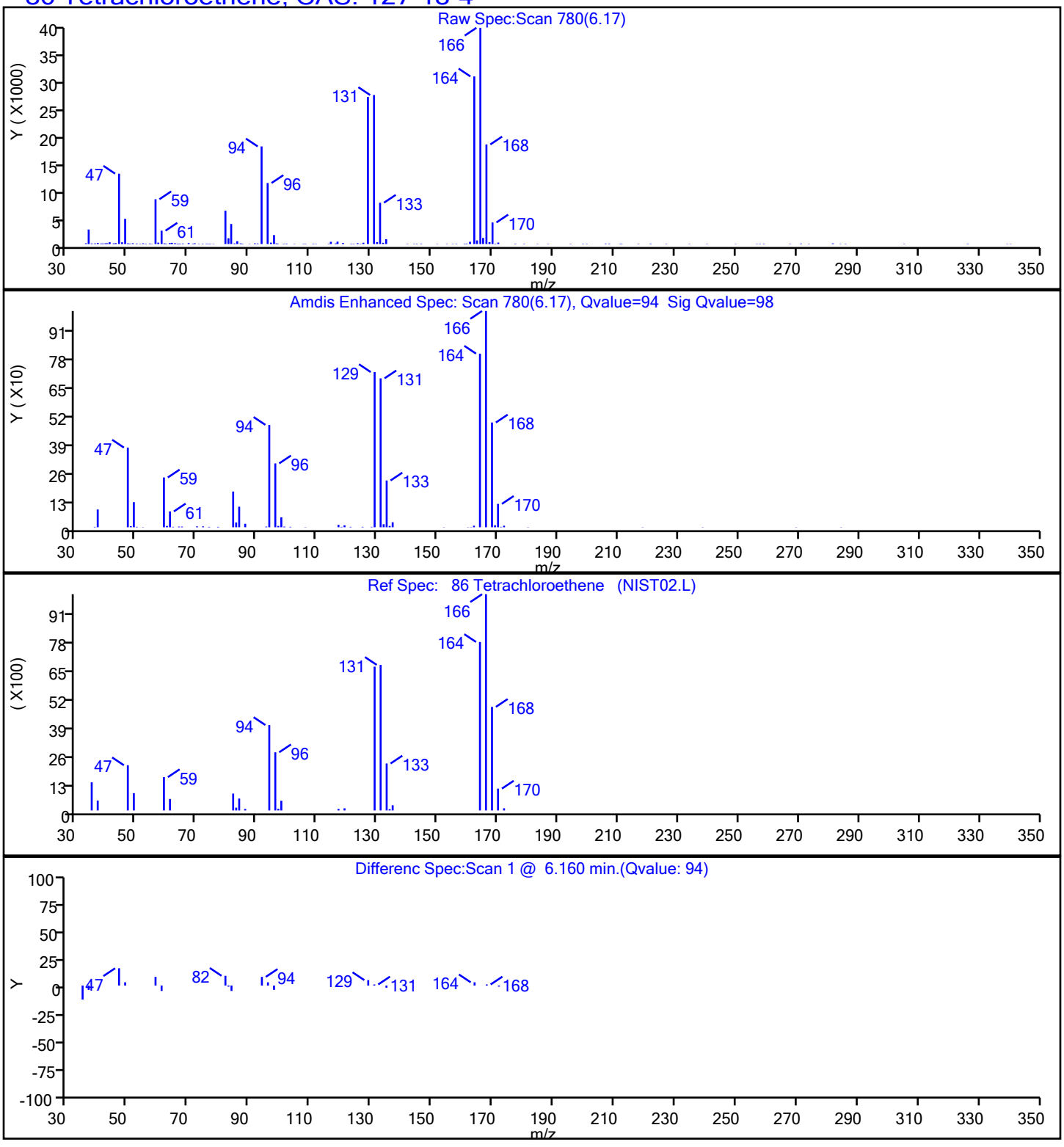
First Level Reviewer: C1JX Date: 21-Nov-2023 23:13:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.2	106.33
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.1	112.10
$ 82 Toluene-d8 (Surr)	50.0	45.4	90.76
$ 107 4-Bromofluorobenzene	50.0	47.1	94.17

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D
Injection Date: 21-Nov-2023 22:33:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-12 Lab Sample ID: 460-292871-12
Client ID: A-10
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

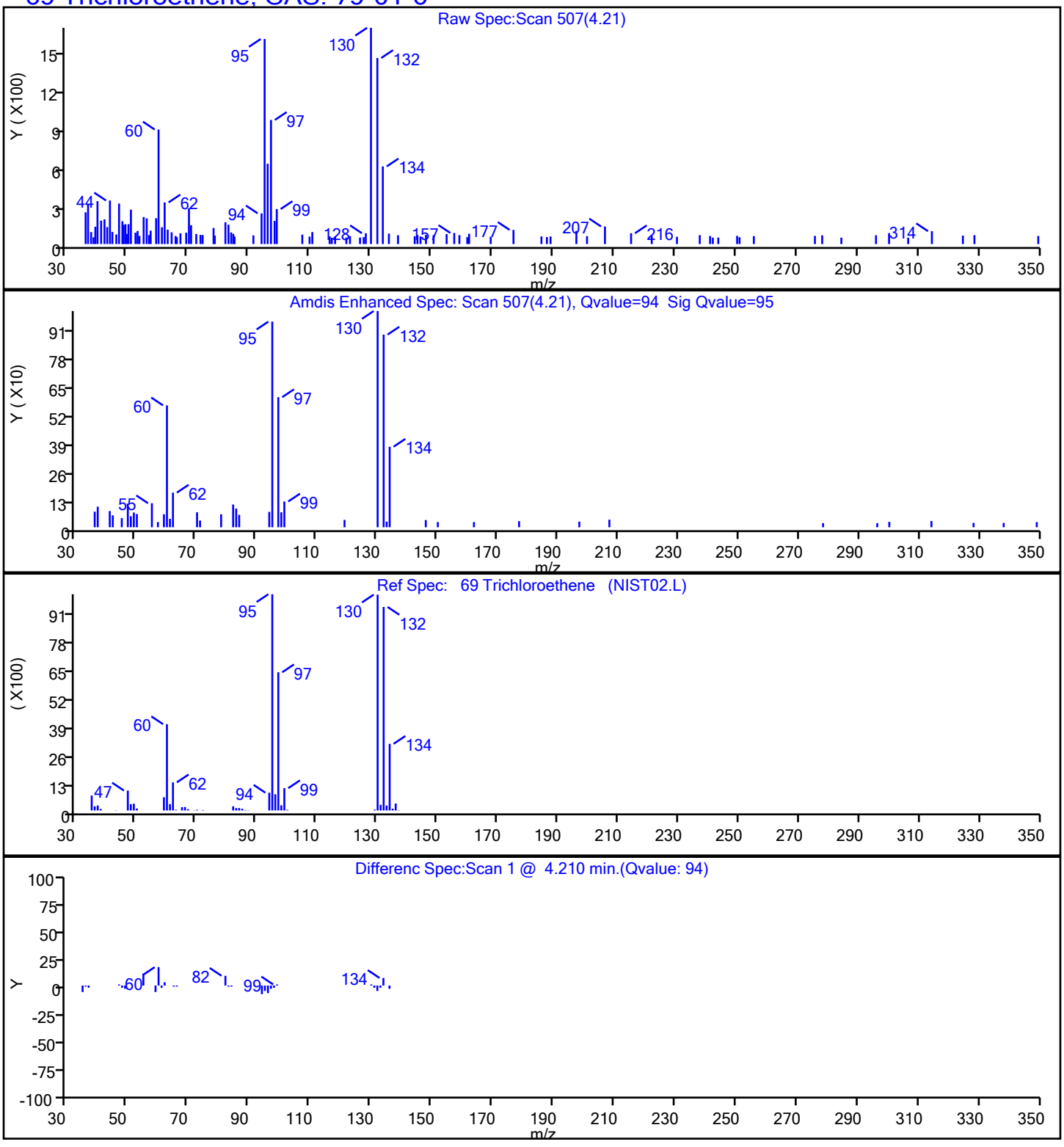
86 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D
Injection Date: 21-Nov-2023 22:33:30 Instrument ID: CVOAMS13
Lims ID: 460-292871-B-12 Lab Sample ID: 460-292871-12
Client ID: A-10
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Trichloroethene, CAS: 79-01-6



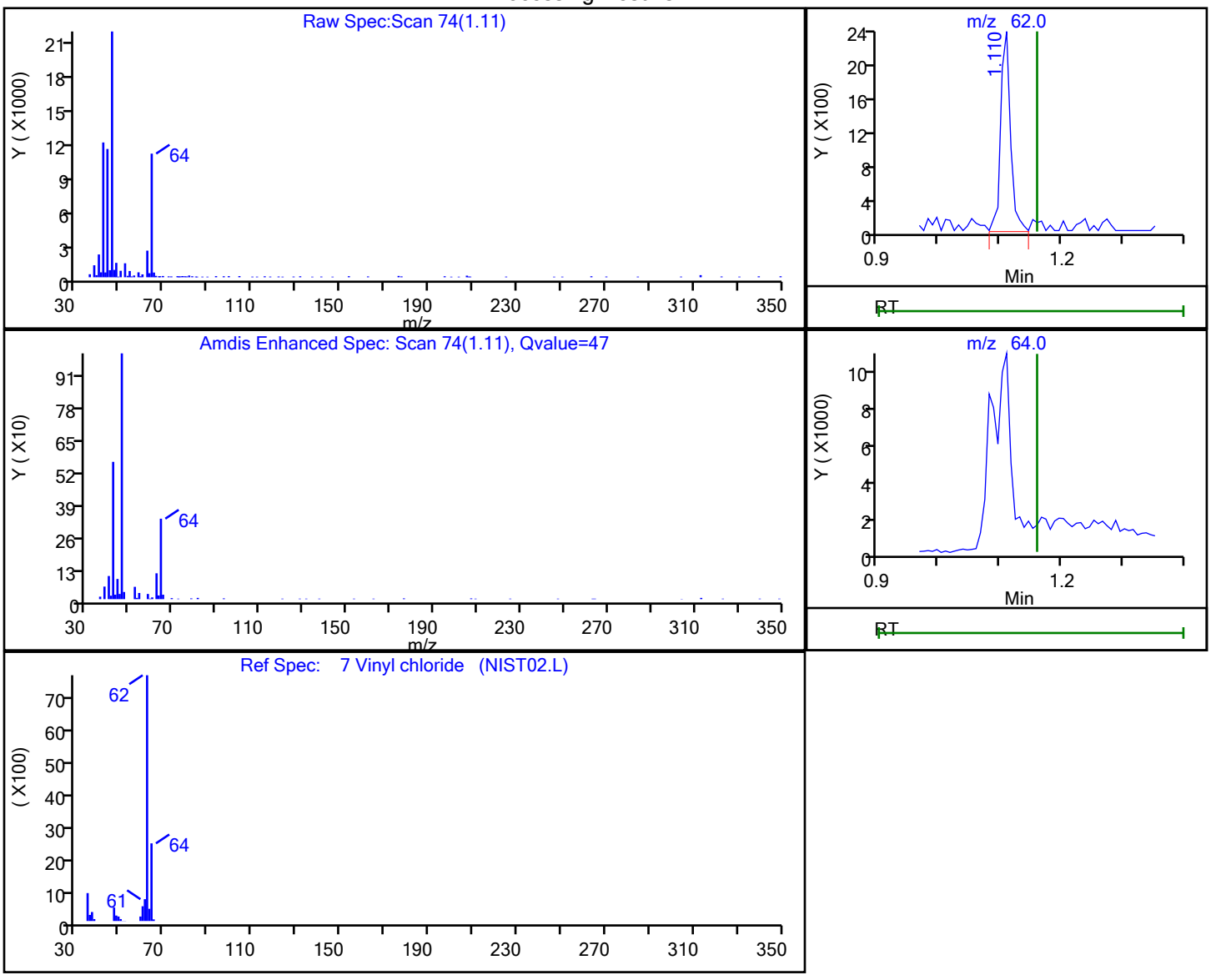
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22085.D				
Injection Date:	21-Nov-2023 22:33:30	Instrument ID:	CVOAMS13		
Lims ID:	460-292871-B-12	Lab Sample ID:	460-292871-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.11	62.00	2594	0.468054
1.11	64.00	41609	

Reviewer: C1JX, 21-Nov-2023 23:12:33 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: FB1108 | Lab Sample ID: 460-292871-13

Matrix: Water | Lab File ID: N73646.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 22:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: FB1108 | Lab Sample ID: 460-292871-13

Matrix: Water | Lab File ID: N73646.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:45

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 22:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73646.D
Lims ID: 460-292871-B-13
Client ID: FB1108
Sample Type: Client
Inject. Date: 20-Nov-2023 22:52:30 ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-13
Misc. Info.: 460-0169153-010
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 06:35:11 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: C1JX Date: 20-Nov-2023 23:11:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.871	1.883	-0.012	100	71797	1000.0	
* 43 2-Butanone-d5	46	2.595	2.607	-0.012	97	256890	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	96	114072	48.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.240	3.252	-0.012	0	105358	45.9	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	373882	50.0	
* 73 1,4-Dioxane-d8	96	4.116	4.122	-0.006	95	16483	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.992	4.998	-0.006	99	330207	48.7	
* 95 Chlorobenzene-d5	117	6.592	6.598	-0.006	84	265063	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	90020	47.3	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	119921	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

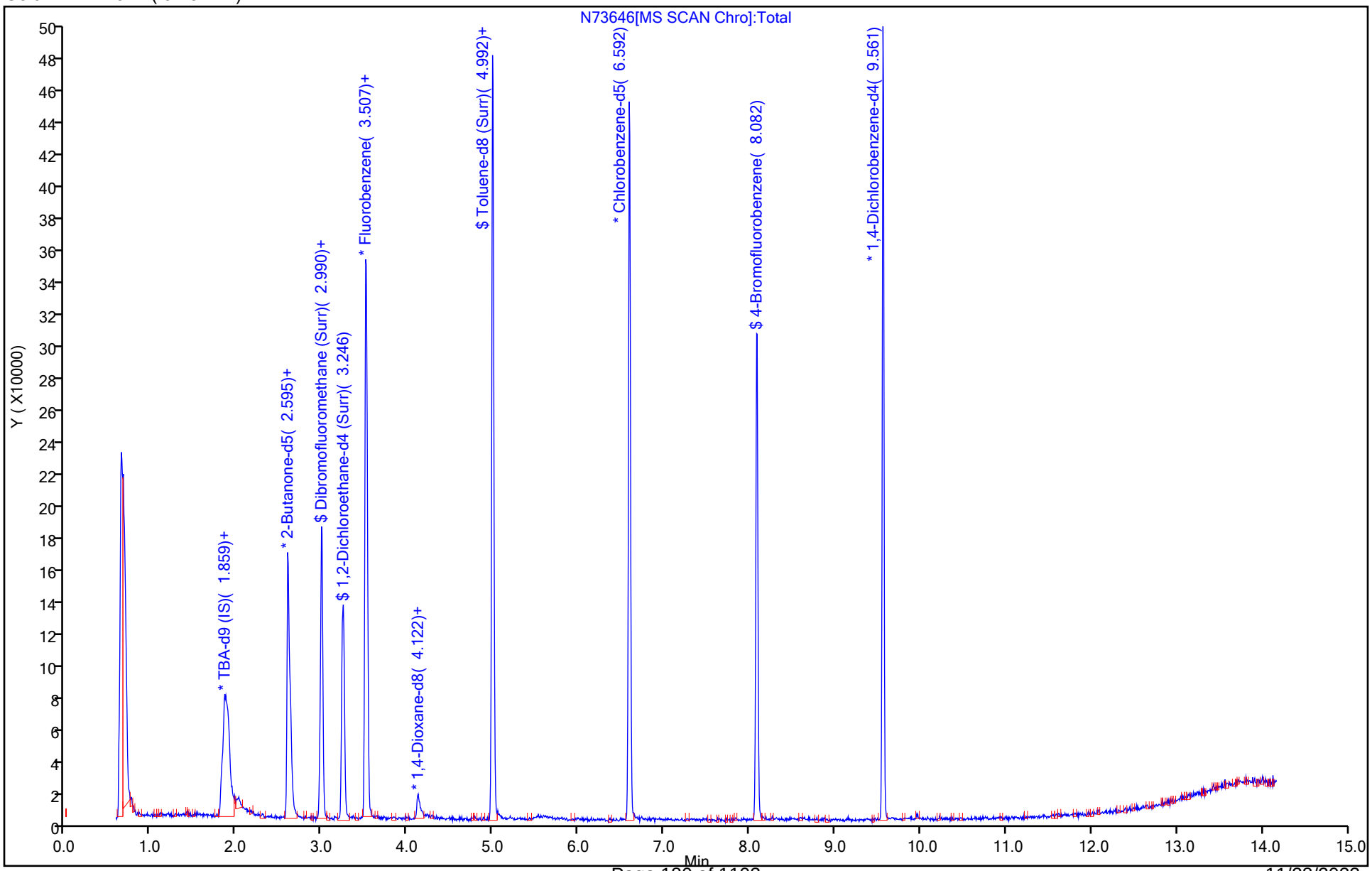
Report Date: 21-Nov-2023 06:36:02 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73646.D

Injection Date:	20-Nov-2023 22:52:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-B-13	Lab Sample ID:	460-292871-13	Worklist Smp#:	10
Client ID:	FB1108				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73646.D				
Lims ID:	460-292871-B-13				
Client ID:	FB1108				
Sample Type:	Client				
Inject. Date:	20-Nov-2023 22:52:30	ALS Bottle#:	26	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-292871-B-13				
Misc. Info.:	460-0169153-010				
Operator ID:		Instrument ID:	CVOAMS11		
Method:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Nov-2023 06:35:11	Calib Date:	31-Oct-2023 13:49:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1605				
First Level Reviewer: C1JX		Date:	20-Nov-2023 23:11:03		

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.6	97.12
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.9	91.76
$ 84 Toluene-d8 (Surr)	50.0	48.7	97.43
$ 106 4-Bromofluorobenzene	50.0	47.3	94.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-292871-14

Matrix: Water | Lab File ID: N73647.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 23:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-292871-14

Matrix: Water | Lab File ID: N73647.D

Analysis Method: 8260D | Date Collected: 11/08/2023 13:50

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 23:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73647.D
Lims ID: 460-292871-B-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 20-Nov-2023 23:15:30 ALS Bottle#: 27 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-14
Misc. Info.: 460-0169153-011
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 06:35:11 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: C1JX Date: 20-Nov-2023 23:33:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.877	1.883	-0.006	100	79698	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	224048	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.003	3.003	0.000	96	122801	55.9	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	107836	50.2	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	349888	50.0	
* 73 1,4-Dioxane-d8	96	4.128	4.122	0.006	95	16504	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	304084	49.8	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	238773	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	88	86070	50.2	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.561	0.006	96	114280	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

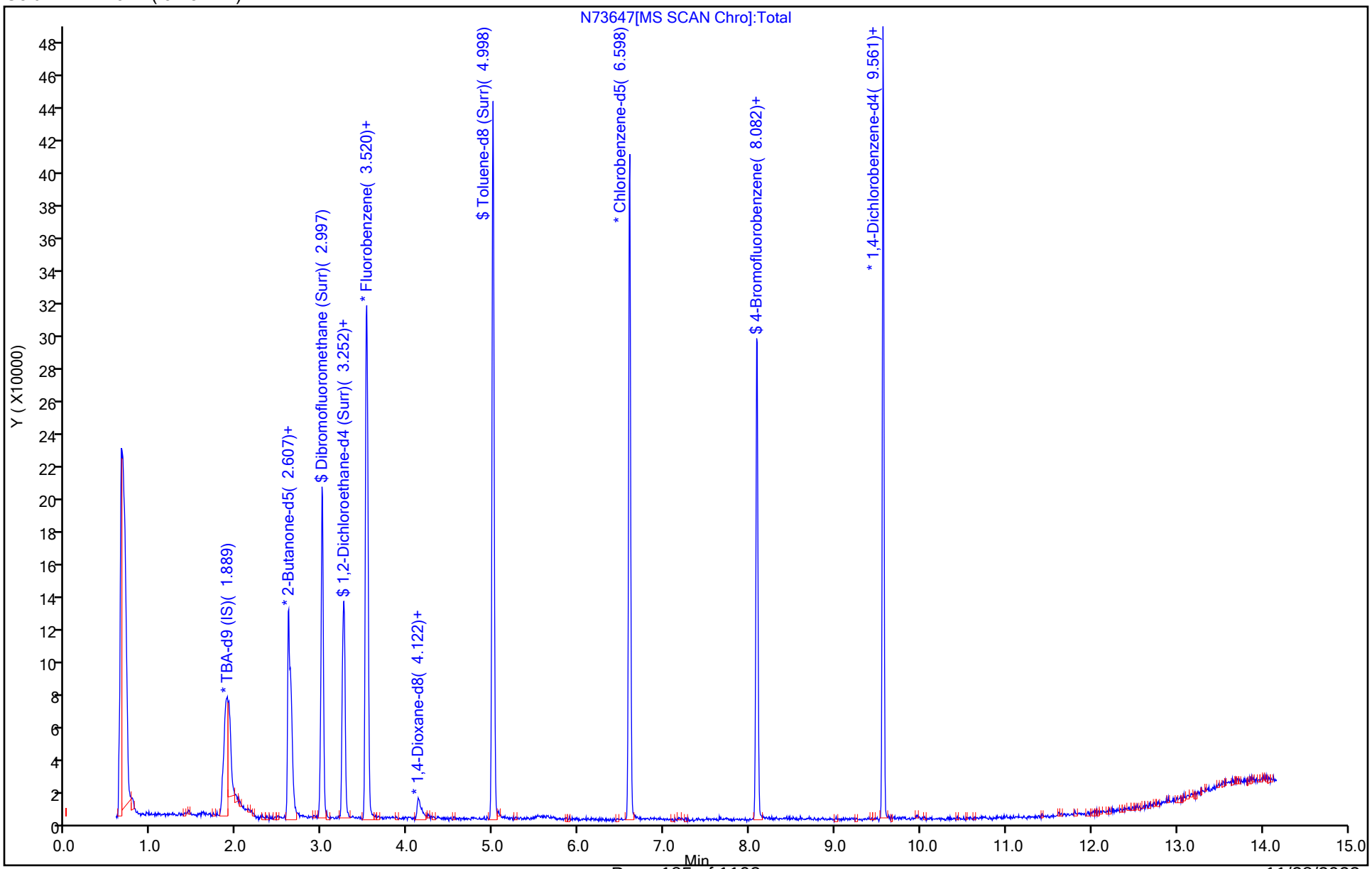
Report Date: 21-Nov-2023 06:36:03 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73647.D

Injection Date:	20-Nov-2023 23:15:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-B-14	Lab Sample ID:	460-292871-14	Worklist Smp#:	11
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73647.D
Lims ID: 460-292871-B-14
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 20-Nov-2023 23:15:30 ALS Bottle#: 27 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-B-14
Misc. Info.: 460-0169153-011
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 06:35:11 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: C1JX Date: 20-Nov-2023 23:33:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.9	111.72
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	50.2	100.36
$ 84 Toluene-d8 (Surr)	50.0	49.8	99.60
$ 106 4-Bromofluorobenzene	50.0	50.2	100.43

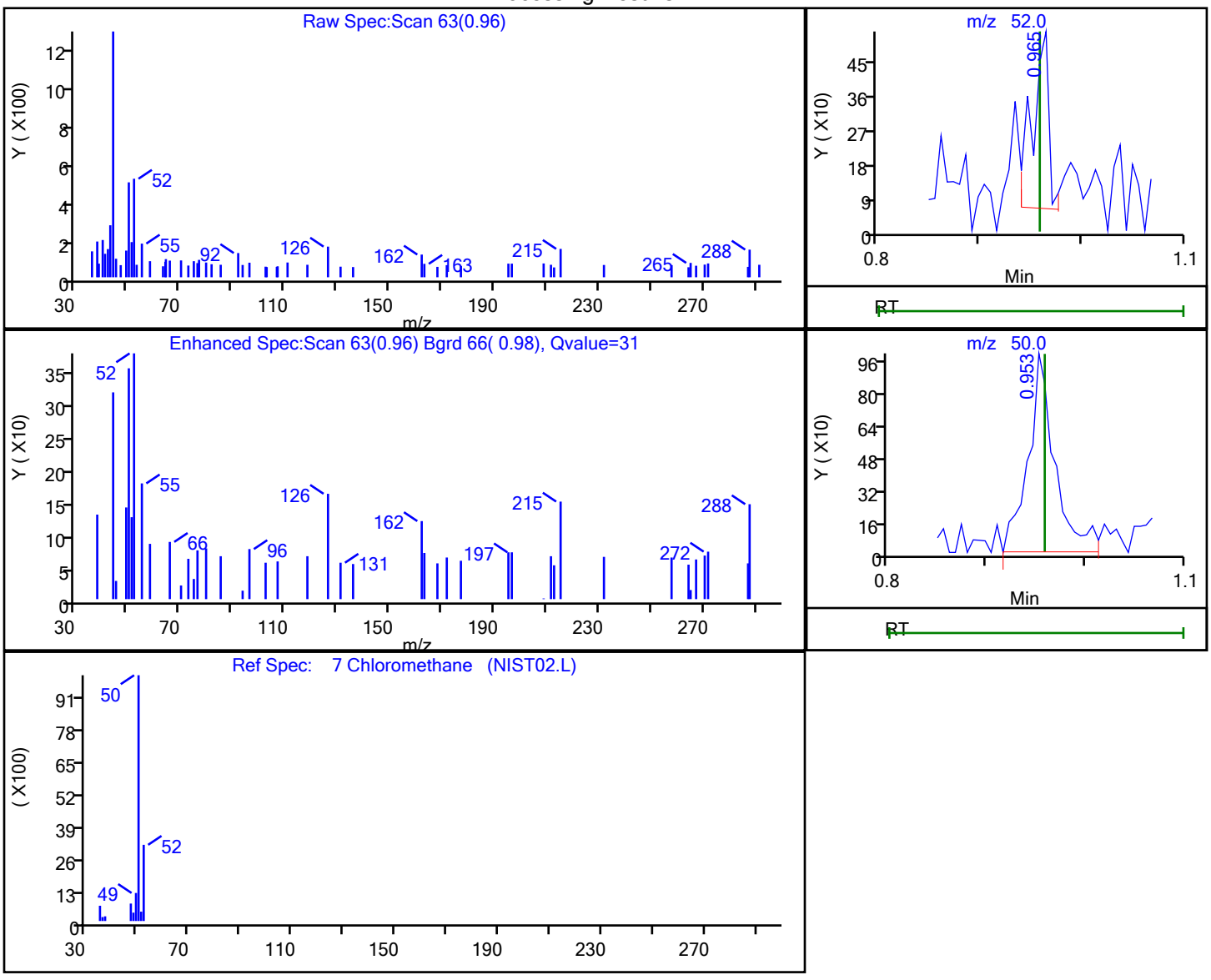
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73647.D				
Injection Date:	20-Nov-2023 23:15:30	Instrument ID:	CVOAMS11		
Lims ID:	460-292871-B-14	Lab Sample ID:	460-292871-14		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.96	52.00	517	0.440933
0.95	50.00	1887	

Reviewer: C1JX, 20-Nov-2023 23:32:44 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-941666/3	N72804.D
Level 2	STD1 460-941666/4	N72805.D
Level 3	STD5 460-941666/5	N72806.D
Level 4	STD20 460-941666/6	N72807.D
Level 5	STD50 460-941666/7	N72808.D
Level 6	STD200 460-941666/23	N72824.D
Level 7	STD500 460-941666/24	N72825.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0862	0.1623 0.0835	0.1707	0.1596	0.1398	QuaF		0.0970	-0.000027						0.9940		0.9900
Chlorodifluoromethane	+++++ 0.5255	0.8415 0.5350	0.8147	0.7665	0.7837	Ave		0.7111				20.0		20.0			
Dichlorodifluoromethane	+++++ 0.4888	0.5137 0.5007	0.5184	0.5058	0.4573	Ave		0.4974			0.1000	4.5		20.0			
Chloromethane	+++++ 1.1611	1.2758 1.1069	1.4541	1.8726	1.8859	QuaF		1.3085	-0.000410		0.1000				0.9950		0.9900
Vinyl chloride	+++++ 0.3767	0.4862 0.3766	0.5209	0.4714	0.4746	Ave		0.4510			0.1000	13.4		20.0			
Butadiene	0.4782 0.3289	0.4330 0.3397	0.4044	0.3926	0.3852	Ave		0.3946				13.1		20.0			
Bromomethane	+++++ 0.2826	0.4483 +++++	0.4825	0.4212	0.3842	Ave		0.4038			0.1000	19.0		20.0			
Chloroethane	+++++ 0.1946	0.3356 +++++	0.2989	0.2939	0.2472	Ave		0.2741			0.1000	19.8		20.0			
Dichlorofluoromethane	+++++ 0.6604	0.8864 0.6566	0.8905	0.8713	0.8365	Ave		0.8003				13.9		20.0			
Pentane	+++++ 6.3224	4.8522 5.2480	6.1833	5.4824	5.0981	Ave		5.5311				10.8		20.0			
Trichlorofluoromethane	+++++ 0.5079	0.6574 0.5156	0.6424	0.6120	0.5685	Ave		0.5839			0.1000	10.9		20.0			
Ethanol	+++++ 0.1209	0.0907 +++++	0.1453	0.1079	0.1333	Ave		0.1196				17.9		20.0			
Ethyl ether	+++++ 0.1514	0.2996 +++++	0.2080	0.2008	0.1903	Lin2	0.1226	0.1788							0.9900		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2426	0.2682 0.2175	0.2847	0.2748	0.2498	Ave		0.2563				9.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2984	0.3761 0.2747	0.3910	0.3621	0.3423	Ave		0.3407				13.4		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4524	0.5686 0.4307	0.6230	0.5761	0.5477	Ave		0.5331				14.1		20.0			
Acrolein	+++++ 5.3618	4.5780 5.1773	5.3903	5.2026	5.9976	Ave		5.2846				8.6		20.0			
1,1-Dichloroethene	+++++ 0.3010	0.3968 0.2861	0.3969	0.3446	0.3334	Ave		0.3431			0.1000	13.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3790	0.4149 0.3419	0.4006	0.3863	0.3334	Ave		0.3760			0.1000	8.6		20.0			
Acetone	+++++ 0.2590	0.3871 0.3057	0.3178	0.3079	0.2829	Ave		0.3101			0.0500	14.0		20.0			
Iodomethane	+++++ 0.6220	0.7409 0.5741	0.7591	0.7259	0.6961	Ave		0.6864				10.6		20.0			
Isopropyl alcohol	+++++ 1.7472	1.3432 1.5953	1.4756	1.7116	2.0225	Ave		1.6492				14.3		20.0			
Carbon disulfide	+++++ 1.1902	1.4863 1.1037	1.4372	1.3475	1.2732	Ave		1.3064			0.1000	11.2		20.0			
3-Chloro-1-propene	+++++ 0.2492	0.2699 0.2932	0.2877	0.2819	0.2566	Ave		0.2731				6.4		20.0			
Acetonitrile	+++++ 3.3424	3.8224 2.9687	3.8957	3.3577	3.5445	Ave		3.4886				9.8		20.0			
Methyl acetate	+++++ 5.5626	6.5983 5.2967	6.5396	8.1032	7.8863	Ave		6.6645			0.1000	17.3		20.0			
Cyclopentene	+++++ 0.6017	0.6920 0.5719	0.7334	0.6727	0.6140	Ave		0.6476				9.5		20.0			
Methylene Chloride	+++++ 0.3416	0.4749 0.3202	0.4423	0.4120	0.3816	Ave		0.3955			0.1000	15.0		20.0			
2-Methyl-2-propanol	+++++ 3.5146	4.7134 3.6284	4.0082	3.7906	4.2880	Ave		3.9905				11.3		20.0			
Acrylonitrile	0.1416 0.0978	0.1219 0.0964	0.1274	0.1267	0.1246	Ave		0.1195				13.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.3005	0.3807 0.2726	0.3696	0.3685	0.3479	Ave		0.3399			0.1000	12.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	+++++ 0.8842	0.9324 0.8634	1.0196	1.0203	1.0154	Ave		0.9559			0.1000	7.5		20.0			
Hexane	+++++ 0.1648	0.1448 0.1635	0.1748	0.1762	0.1367	Ave		0.1601				10.0		20.0			
1,1-Dichloroethane	+++++ 0.5067	0.6134 0.4727	0.6346	0.6191	0.5986	Ave		0.5742			0.2000	11.7		20.0			
Vinyl acetate	+++++ 0.5762	0.5845 0.5124	0.4844	0.4271	0.4184	Ave		0.5005				14.2		20.0			
Isopropyl ether	+++++ 0.8363	0.8846 0.7767	0.8816	0.9219	0.9280	Ave		0.8715				6.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2792	0.2688 0.2490	0.3151	0.3040	0.2933	Ave		0.2849				8.5		20.0			
Tert-butyl ethyl ether	+++++ 0.8797	0.6677 0.8393	0.8370	1.0236	0.9582	Ave		0.8676				14.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.3410	0.4104 0.3151	0.4016	0.4061	0.3733	Ave		0.3746			0.1000	10.5		20.0			
Methyl Ethyl Ketone	+++++ 0.3074	0.3710 0.3267	0.3354	0.3272	0.3200	Ave		0.3313			0.0500	6.5		20.0			
2,2-Dichloropropane	+++++ 0.1668	0.2752 0.1584	0.1874	0.1754	0.1653	Lin2	0.1112	0.1644							0.9990		0.9900
Ethyl acetate	+++++ 0.2594	0.2479 0.2644	0.2672	0.2444	0.2457	Ave		0.2548				3.9		20.0			
Propionitrile	+++++ 4.6926	4.8265 4.6436	4.7577	4.8374	4.9314	Ave		4.7815				2.2		20.0			
Methyl acrylate	+++++ 0.2728	0.3114 0.2934	0.3219	0.3512	0.3348	Ave		0.3142				9.0		20.0			
Methacrylonitrile	+++++ 0.1103	0.1160 0.1097	0.1257	0.1306	0.1249	Ave		0.1195				7.3		20.0			
Chlorobromomethane	+++++ 0.1669	0.2234 0.1520	0.2239	0.2060	0.1917	Ave		0.1940				15.3		20.0			
Tetrahydrofuran	+++++ 0.3492	0.3076 0.3593	0.3868	0.3812	0.3573	Ave		0.3569				7.9		20.0			
Chloroform	+++++ 0.4999	0.5788 0.4700	0.5975	0.6030	0.5469	Ave		0.5493			0.2000	9.9		20.0			
1,1,1-Trichloroethane	+++++ 0.4904	0.5648 0.4713	0.5614	0.5311	0.4937	Ave		0.5188			0.1000	7.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	+++++ 0.5066	0.4551 0.4927	0.4406	0.4652	0.4135	Ave		0.4623			0.1000	7.4		20.0			
1,1-Dichloropropene	+++++ 0.3842	0.4293 0.3721	0.3882	0.3882	0.3683	Ave		0.3884				5.6		20.0			
Carbon tetrachloride	+++++ 0.4140	0.5278 0.4031	0.4533	0.4378	0.4091	Ave		0.4408			0.1000	10.6		20.0			
Isobutyl alcohol	+++++ 1.0828	0.9456 1.1615	0.9631	0.9642	1.1192	Ave		1.0394				9.0		20.0			
Benzene	+++++ 1.5086	1.6481 1.3782	1.5146	1.5777	1.4965	Ave		1.5206			0.5000	5.9		20.0			
1,2-Dichloroethane	+++++ 0.3436	0.4233 0.3452	0.3963	0.3709	0.3627	Ave		0.3737			0.1000	8.3		20.0			
Isooctane	+++++ 0.7619	0.5483 0.6769	0.5677	0.5582	0.5032	Ave		0.6027				16.1		20.0			
Isopropyl acetate	+++++ 0.0953	0.1121 0.1045	0.1059	0.0976	0.1026	Ave		0.1030				5.9		20.0			
Tert-amyl methyl ether	+++++ 0.9123	0.7985 0.9072	0.8774	1.0328	1.0283	Ave		0.9261				9.8		20.0			
n-Heptane	+++++ 0.2313	0.2583 0.2207	0.2048	0.1808	0.1580	Ave		0.2090				17.2		20.0			
n-Butanol	+++++ 0.6636	0.8171 0.7513	0.5895	0.6009	0.6780	Ave		0.6834				12.8		20.0			
Trichloroethene	+++++ 0.2854	0.3058 0.2907	0.2920	0.2833	0.2811	Ave		0.2897			0.2000	3.1		20.0			
Ethyl acrylate	+++++ 0.0254	0.0173 0.0344	0.0222	0.0225	0.0253	QuaF		0.0201	0.0000286						1.0000		0.9900
Methylcyclohexane	+++++ 0.5172	0.4431 0.5002	0.4296	0.4386	0.3963	Ave		0.4542			0.1000	10.0		20.0			
1,2-Dichloropropane	+++++ 0.2718	0.3043 0.2806	0.3020	0.2872	0.2799	Ave		0.2876			0.1000	4.5		20.0			
Dibromomethane	+++++ 0.1720	0.2244 0.1826	0.2124	0.1933	0.1863	Ave		0.1952				10.1		20.0			
1,4-Dioxane	+++++ 0.9511	1.3027 0.9249	1.3565	1.1819	1.1242	Ave		1.1402				15.6		20.0			
Methyl methacrylate	+++++ 0.0635	0.0725 0.0756	0.0679	0.0719	0.0727	Ave		0.0707				6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.2650	0.3224 0.3446	0.2974	0.2632	0.2817	Ave		0.2957				11.0		20.0			
Bromodichloromethane	+++++ 0.3441	0.3619 0.3817	0.3704	0.3607	0.3527	Ave		0.3619			0.2000	3.6		20.0			
2-Nitropropane	+++++ 5.4325	7.8743 6.7146	6.1625	4.7760	5.4727	Ave		6.0721				18.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1222	0.1494 0.1572	0.1143	0.1122	0.1260	Ave		0.1302				14.4		20.0			
Epichlorohydrin	0.1698 0.2215	0.2073 0.2601	0.2033	0.2163	0.2248	Ave		0.2147				12.6		20.0			
cis-1,3-Dichloropropene	+++++ 0.5354	0.5327 0.6002	0.4864	0.5169	0.5188	Ave		0.5317			0.2000	7.1		20.0			
methyl isobutyl ketone	+++++ 2.1045	1.8232 2.3958	1.8760	2.0354	2.1303	Ave		2.0609			0.0500	9.9		20.0			
Toluene	+++++ 1.4430	1.6044 1.4866	1.4550	1.4380	1.4172	Ave		1.4740			0.4000	4.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4537	0.4825 0.5035	0.4512	0.4448	0.4606	Ave		0.4661			0.1000	4.8		20.0			
Ethyl methacrylate	+++++ 0.2926	0.2621 0.3713	0.2657	0.2595	0.3003	Ave		0.2919				14.5		20.0			
1,1,2-Trichloroethane	+++++ 0.2489	0.3208 0.2654	0.2812	0.2760	0.2656	Ave		0.2763			0.1000	8.8		20.0			
Tetrachloroethene	+++++ 0.3377	0.3699 0.3379	0.3640	0.3526	0.3465	Ave		0.3514			0.2000	3.8		20.0			
1,3-Dichloropropane	+++++ 0.4762	0.5963 0.5110	0.5024	0.5196	0.5161	Ave		0.5203				7.8		20.0			
2-Hexanone	+++++ 0.7544	0.6275 0.9221	0.6798	0.7294	0.8060	Ave		0.7532			0.0500	13.7		20.0			
Dibromochloromethane	+++++ 0.3293	0.3747 0.3505	0.3368	0.3547	0.3412	Ave		0.3479			0.1000	4.6		20.0			
n-Butyl acetate	+++++ 0.3829	0.3785 0.4452	0.3814	0.3354	0.3742	Ave		0.3829				9.2		20.0			
Ethylene Dibromide	+++++ 0.3092	0.3331 0.3184	0.3698	0.3470	0.3487	Ave		0.3377			0.1000	6.5		20.0			
Chlorobenzene	+++++ 0.9015	0.9750 0.9032	1.0221	0.9455	0.9246	Ave		0.9453			0.5000	4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	+++++ 0.4002	0.4819 0.3811	0.4080	0.4018	0.4090	Ave		0.4137				8.4		20.0			
Ethylbenzene	+++++ 0.5074	0.4343 0.4928	0.4357	0.4839	0.4945	Ave		0.4748			0.1000	6.7		20.0			
m-Xylene & p-Xylene	+++++ 0.6108	0.5158 0.6098	0.5041	0.5784	0.5993	Ave		0.5697			0.1000	8.4		20.0			
o-Xylene	+++++ 0.6596	0.4674 0.6791	0.5081	0.6158	0.6542	Ave		0.5974			0.3000	14.8		20.0			
Styrene	+++++ 0.9693	0.6839 1.0118	0.7299	0.9484	1.0204	Ave		0.8939			0.3000	16.6		20.0			
n-Butyl acrylate	+++++ 0.2398	0.1926 0.2766	0.1715	0.1905	0.2193	Ave		0.2150				17.9		20.0			
Bromoform	+++++ 0.3971	0.5085 0.4215	0.4009	0.4186	0.4241	Ave		0.4284			0.1000	9.5		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8344	0.7479 1.0105	0.6811	0.6828	0.8161	Ave		0.7955				15.5		20.0			
Isopropylbenzene	+++++ 1.6319	1.1553 1.7162	1.2732	1.5901	1.7145	Ave		1.5135			0.1000	15.8		20.0			
Bromobenzene	+++++ 0.6946	0.7342 0.7002	0.7337	0.7526	0.7557	Ave		0.7285				3.5		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7667	0.9311 0.8598	0.8389	0.8852	0.8868	Ave		0.8614			0.3000	6.5		20.0			
1,2,3-Trichloropropane	+++++ 0.2010	0.2767 0.2171	0.2442	0.2364	0.2414	Ave		0.2361				10.9		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1863	0.2096 0.2163	0.1582	0.1902	0.2081	Ave		0.1948				11.0		20.0			
N-Propylbenzene	+++++ 3.3724	2.7297 3.5293	2.6711	3.1826	3.5134	Ave		3.1664				12.1		20.0			
2-Chlorotoluene	+++++ 1.9914	1.6587 2.0876	1.7435	2.0134	2.0733	Ave		1.9280				9.4		20.0			
4-Ethyltoluene	+++++ 2.6726	1.9575 2.7629	2.0730	2.5514	2.7111	Ave		2.4547				14.2		20.0			
4-Chlorotoluene	+++++ 2.1810	1.6687 2.1407	1.8331	2.0461	2.2816	Ave		2.0252				11.4		20.0			
1,3,5-Trimethylbenzene	+++++ 2.5066	1.7331 2.6430	1.9555	2.3564	2.5167	Ave		2.2852				15.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8111	0.5285 0.9407	0.5450	0.5805	0.7020	QuaF		0.7148	0.0004524						1.0000		0.9900
tert-Butylbenzene	+++++ 2.1757	1.3593 2.2016	1.4841	1.7567	1.9699	Ave		1.8245				19.4		20.0			
1,2,4-Trimethylbenzene	+++++ 2.5539	1.7949 2.6326	1.8401	2.4041	2.5677	Ave		2.2989				16.6		20.0			
sec-Butylbenzene	+++++ 3.1430	2.0866 3.1198	2.2937	2.7415	2.9407	Ave		2.7209				16.2		20.0			
1,3-Dichlorobenzene	+++++ 1.3059	1.2986 1.3001	1.3528	1.4283	1.3885	Ave		1.3457			0.6000	4.0		20.0			
1,4-Dichlorobenzene	+++++ 1.3205	1.5188 1.2945	1.4655	1.4236	1.4089	Ave		1.4053			0.5000	6.1		20.0			
4-Isopropyltoluene	+++++ 2.6474	2.0425 2.6141	2.1058	2.3573	2.5044	Ave		2.3786				10.8		20.0			
1,2,3-Trimethylbenzene	+++++ 2.8745	1.9633 2.8907	2.2611	2.7399	2.7396	Ave		2.5782				14.7		20.0			
Benzyl chloride	+++++ 0.3129	0.2822 0.3521	0.2610	0.2734	0.2854	Ave		0.2945				11.2		20.0			
Indan	+++++ 2.5565	1.9396 2.5952	2.0704	2.5266	2.5651	Ave		2.3756				12.2		20.0			
1,2-Dichlorobenzene	+++++ 1.3273	1.5570 1.3564	1.3740	1.4166	1.3710	Ave		1.4004			0.4000	5.9		20.0			
p-Diethylbenzene	+++++ 1.5235	0.9477 1.5007	1.1416	1.3862	1.4471	Ave		1.3245				17.4		20.0			
n-Butylbenzene	+++++ 1.2720	0.8934 1.2498	1.0203	1.2429	1.2200	Ave		1.1497				13.5		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1641	0.2587 0.2006	0.1795	0.1717	0.1783	Ave		0.1922			0.0500	18.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6236	1.4781 2.7632	1.4971	1.9526	2.3608	QuaF		2.4890	0.0005512						1.0000		0.9900
1,3,5-Trichlorobenzene	+++++ 1.0164	0.9464 1.0238	0.9018	1.0098	1.0088	Ave		0.9845				5.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8882	0.7294 0.9602	0.7587	0.8689	0.8807	Ave		0.8477			0.2000	10.2		20.0			
Hexachlorobutadiene	+++++ 0.2606	0.3139 0.2529	0.2600	0.2437	0.2483	Ave		0.2632				9.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 Calibration End Date: 10/31/2023 13:49 Calibration ID: 94898

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 2.2991	1.5238 2.6783	1.6553	2.0772	2.4559	QuaF		2.0930	0.0011678						1.0000		0.9900
2-Ethylhexyl acrylate	+++++ 0.8493	0.5715 0.9856	0.5093	0.5665	0.7076	QuaF		0.7433	0.0004855						1.0000		0.9900
1,2,3-Trichlorobenzene	+++++ 0.7701	0.8152 0.8153	0.6800	0.8421	0.8660	Ave		0.7981				8.3		20.0			
Dibromofluoromethane (Surr)	0.3311 0.2940	0.3341 0.2818	0.3297	0.3217	0.3067	Ave		0.3142				6.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3163 0.2956	0.3193 0.3015	0.3129	0.3002	0.3038	Ave		0.3071				2.9		20.0			
Toluene-d8 (Surr)	1.2102 1.2953	1.2873 1.3499	1.2484	1.2815	1.2780	Ave		1.2787				3.4		20.0			
4-Bromofluorobenzene	0.3309 0.3558	0.3472 0.3701	0.3514	0.3788	0.3783	Ave		0.3589				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-941666/3	N72804.D
Level 2	STD1 460-941666/4	N72805.D
Level 3	STD5 460-941666/5	N72806.D
Level 4	STD20 460-941666/6	N72807.D
Level 5	STD50 460-941666/7	N72808.D
Level 6	STD200 460-941666/23	N72824.D
Level 7	STD500 460-941666/24	N72825.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	+++++ 185178	1526 471279	7840	29159	62455	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 1128355	7910 3017748	37420	140074	350139	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1049434	4829 2824412	23810	92436	204288	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	QuaF	+++++ 252445	1315 683300	7506	38204	95337	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 808772	4570 2124196	23926	86145	212025	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1126 706080	4070 1916082	18574	71757	172105	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 606729	4214 +++++	22165	76975	171629	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 417908	3155 +++++	13730	53714	110458	+++++ 200	1.00 +++++	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1418010	8332 3703721	40903	159238	373698	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd9	Ave	+++++ 223867	867 507013	5641	20226	41347	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1090396	6179 2908461	29507	111839	253988	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++ 85645	324 +++++	2651	7960	21629	+++++ 8000	40.0 +++++	200	800	2000
Ethyl ether	FB	Lin2	+++++ 325143	2816 +++++	9556	36699	85035	+++++ 200	1.00 +++++	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 520780	2521 1227068	13076	50225	111596	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 640647	3535 1549458	17958	66168	152941	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	5345	28615	105287	244679	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			971277	2429378				200	500			
Acrolein	TBAd9	Ave	+++++ 94927	1636 200072	9835	19194	48642	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 646232	3730 1613984	18232	62972	148952	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 813678	3900 1928788	18403	70605	148970	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 281603	1995 943482	8203	31410	71505	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1335518	6964 3238732	34866	132668	310987	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 309323	1200 770618	6731	31572	82016	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 2555425	13971 6226344	66016	246271	568826	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 534976	2537 1653689	13213	51519	114657	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 591739	3415 1434034	17770	61938	143736	+++++ 2000	10.0 5000	50.0	200	500
Methyl acetate	TBAd9	Ave	+++++ 196963	1179 511722	5966	29895	63960	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1291921	6505 3225974	33687	122934	274298	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 733541	4464 1806276	20318	75292	170504	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 622232	4211 1752733	18283	69923	173883	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	2667 2099480	11456 5436642	58542	231542	556478	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 645112	3578 1537567	16976	67345	155420	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1898533	8764 4870581	46833	186458	453634	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 353776	1361 922487	8031	32196	61057	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1088018	5766 2666346	29149	113143	267442	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	+++++ 250546	1205 632624	5001	17428	42305	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++	8315	40494	168477	414577	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1795500	4381630				200	500			
2-Chloro-1,3-butadiene	FB	Ave	+++++ 599384	2527 1404612	14475	55563	131057	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1888678	6276 4734463	38445	187075	428081	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 732243	3858 1777311	18446	74212	166785	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 334222	1912 1008249	8657	33379	80893	+++++ 1000	5.00 2500	25.0	100	250
2,2-Dichloropropane	FB	Lin2	+++++ 358181	2587 893315	8610	32062	73852	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 112793	511 326389	2758	9973	24846	+++++ 400	2.00 1000	10.0	40.0	100
Propionitrile	TBAd9	Ave	+++++ 830780	4312 2243097	21702	89233	199975	+++++ 2000	10.0 5000	50.0	200	500
Methyl acrylate	FB	Ave	+++++ 585822	2927 1654848	14785	64184	149553	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2368333	10900 6190979	57756	238754	557903	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 358390	2100 857505	10286	37647	85632	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 151845	634 443630	3993	15554	36128	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1073353	5441 2651187	27445	110197	244313	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1052845	5309 2658767	25788	97060	220555	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1087694	4278 2779331	20237	85026	184728	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 824866	4035 2099266	17832	70942	164547	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 888841	4961 2273720	20822	80010	182786	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 479263	2112 1402694	10983	44464	113460	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZd5	Ave	+++++ 2445263	11692 6322882	55099	222004	518314	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 737732	3979 1947066	18202	67788	162053	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++	5154	26075	102011	224808	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1635754	3818676				200	500			
Isopropyl acetate	FB	Ave	+++++ 204613	1054 589575	4863	17838	45852	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1958869	7506 5117371	40304	188754	459395	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 496617	2428 1245181	9409	33038	70604	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 293725	1825 907266	6722	27712	68739	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 612754	2874 1639823	13414	51768	125564	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	QuaF	+++++ 54545	163 194087	1022	4112	11309	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1110531	4165 2821535	19734	80162	177059	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 583532	2860 1583116	13870	52484	125068	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 369333	2109 1029827	9757	35329	83216	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 129766	1711 379945	3553	13276	32892	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 272589	1363 852717	6237	26283	64932	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 568888	3030 1943967	13660	48106	125857	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 738822	3402 2153116	17014	65929	157561	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 192356	1407 648706	5622	17620	44385	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 263096	1408 888760	5261	20559	56434	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	932 963319	4273 3211719	20988	88240	227323	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 867788	3779 2753398	17696	72736	179687	+++++ 200	1.00 500	5.00	20.0	50.0
methyl isobutyl ketone	BUT	Ave	+++++ 2287817	9396 7394588	48417	207620	538481	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 2338880	11382 6820018	52932	202353	490862	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 735448	3423 2310025	16413	62590	159530	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 628216	2464 2094264	12206	47423	134157	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 403507	2276 1217399	10228	38840	91985	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 547313	2624 1550363	13241	49617	120015	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 771803	4230 2344400	18277	73119	178756	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 820150	3234 2845995	17546	74401	203722	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBNZd5	Ave	+++++ 533691	2658 1608146	12252	49907	118185	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZd5	Ave	+++++ 620584	2685 2042581	13875	47195	129604	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 501091	2363 1460892	13452	48832	120772	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 1461109	6917 4143626	37182	133044	320235	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 648639	3419 1748577	14843	56538	141649	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 822355	3081 2260610	15851	68095	171281	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 989926	3659 2797456	18339	81396	207568	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1069045	3316 3115622	18483	86660	226594	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZd5	Ave	+++++ 1571027	4852 4641833	26553	133452	353420	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	+++++ 388675	1366 1268824	6238	26813	75947	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	DCBd4	Ave	+++++ 347079	1926 1071341	8111	33354	82454	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 729352	2833 2568235	13779	54404	158671	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 2645119	8196 7873438	46316	223750	593809	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 607131	2781 1779644	14842	59970	146935	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 670117	3527 2185267	16970	70532	172423	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 175662	1048 551897	4941	18839	46932	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 162810	794 549753	3200	15159	40463	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 2947681	10340 8970051	54035	253594	683089	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 1740653	6283 5305735	35270	160436	403106	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 2336018	7415 7022099	41936	203298	527104	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 1906387	6321 5440792	37082	163035	443598	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 2190976	6565 6717467	39559	187765	489315	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 708985	2002 2390911	11026	46255	136484	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 1901692	5149 5595378	30022	139979	382989	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 2232287	6799 6690791	37225	191568	499220	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 2747209	7904 7929162	46401	218453	571746	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 1141442	4919 3304363	27366	113814	269953	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 1154190	5753 3290136	29646	113437	273919	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++	7737	42600	187834	486924	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2314038	6643859				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 2512506	7437 7346940	45740	218322	532646	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 273534	1069 894916	5279	21783	55487	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 2234577	7347 6595782	41883	201327	498724	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 1160174	5898 3447254	27796	112876	266561	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1331658	3590 3814121	23094	110455	281356	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1111809	3384 3176355	20641	99039	237199	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 143411	980 509800	3632	13681	34667	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	QuaF	+++++ 2293235	5599 7022843	30285	155587	459005	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 888445	3585 2602018	18243	80463	196144	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 776344	2763 2440385	15349	69236	171232	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 227775	1189 642768	5259	19420	48273	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	QuaF	+++++ 2009576	5772 6807147	33486	165517	477489	+++++ 200	1.00 500	5.00	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	QuaF	+++++ 742363	2165 2504985	10303	45140	137571	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 673119	3088 2072056	13757	67099	168370	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	155923 157818	157022 158945	151456	146976	137011	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	148957 158643	150084 170086	143748	137170	135729	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	437875 524876	456621 619291	454148	450817	442646	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	119714 144177	123140 169793	127835	133271	131019	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 941666

SDG No.:

Instrument ID: CVOAMS11 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2023 03:38 | Calibration End Date: 10/31/2023 13:49 | Calibration ID: 94898

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-941666/3	N72804.D
Level 2	STD1 460-941666/4	N72805.D
Level 3	STD5 460-941666/5	N72806.D
Level 4	STD20 460-941666/6	N72807.D
Level 5	STD50 460-941666/7	N72808.D
Level 6	STD200 460-941666/23	N72824.D
Level 7	STD500 460-941666/24	N72825.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++ +++++	-1.0						30				
2,2-Dichloropropane	+++++	-0.2						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 31-Oct-2023 03:38:30 ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0168175-003
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:49:35 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 04:04:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
9 Butadiene	54	1.013	1.013	0.000	45	1126	0.2500	0.3030	M
* 31 TBA-d9 (IS)	46	1.877	1.871	0.006	100	97128	1000.0	1000.0	
36 Acrylonitrile	53	1.975	1.987	-0.012	87	2667	2.00	2.37	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	97	274427	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.997	3.003	-0.006	96	155923	50.0	52.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	148957	50.0	51.5	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	470911	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.128	4.134	-0.006	95	23172	1000.0	1000.0	
81 Epichlorohydrin	57	4.651	4.657	-0.006	62	932	5.00	3.95	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	437875	50.0	47.3	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	85	361817	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	90	119714	50.0	46.1	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	180753	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260MIX1COMB_00178	Amount Added:	0.00	Units: uL	
524FREONS_00009	Amount Added:	0.00	Units: uL	
ACROLEIN W_00161	Amount Added:	0.00	Units: uL	
GASES Li_00554	Amount Added:	2.50	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	0.00	Units: uL	
14DIOXINTER_00162	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00118	Amount Added:	20.00	Units: uL	
Ethanol mix_00082	Amount Added:	0.00	Units: uL	
MIX I Hi_00169	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	0.00	Units: uL	
7 Freons Hi_00007	Amount Added:	0.00	Units: uL	
VMTBA500_00041	Amount Added:	2.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	0.00	Units: uL	
GAS Hi_00454	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

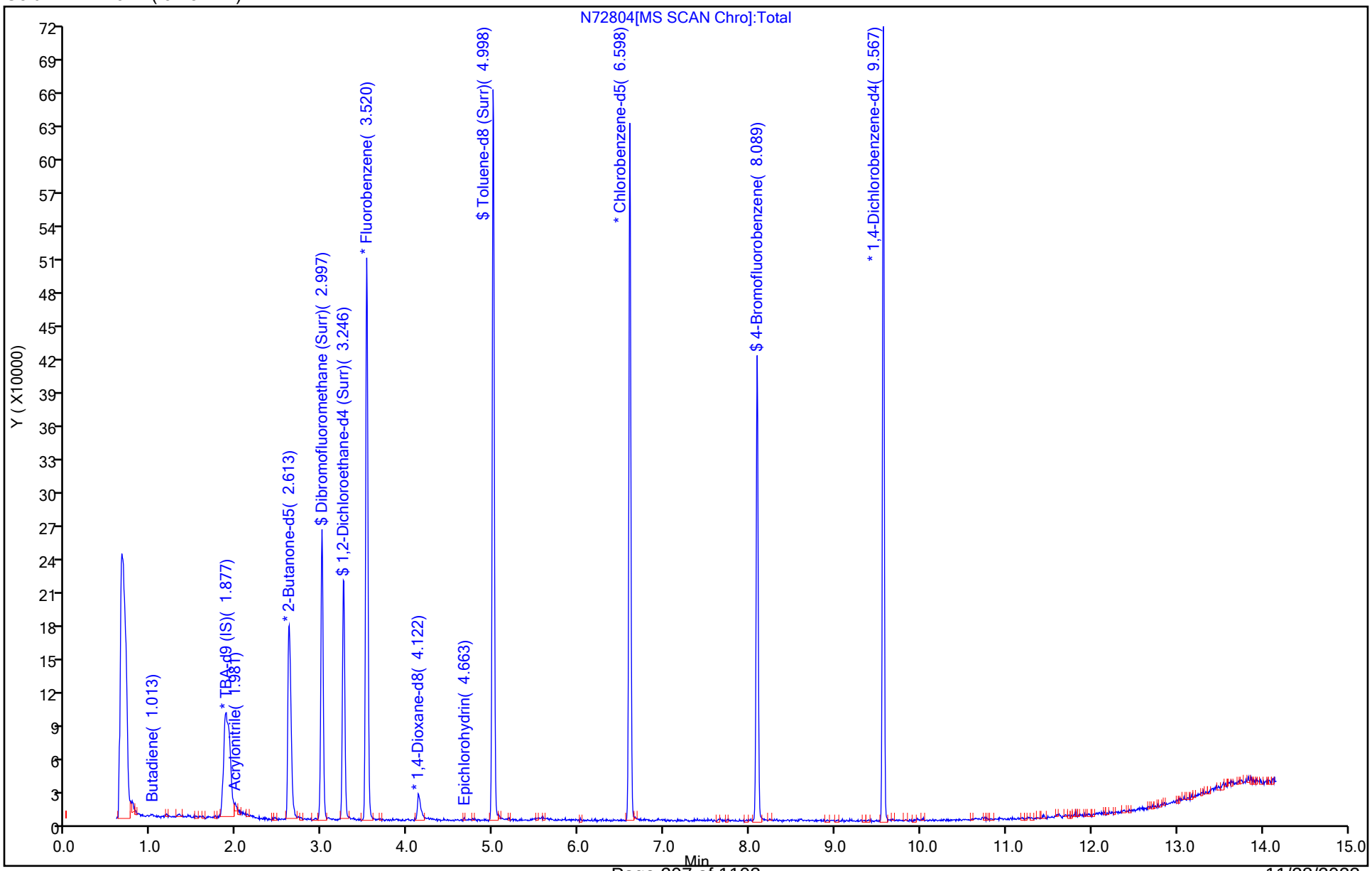
Report Date: 31-Oct-2023 20:49:36 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D

Injection Date:	31-Oct-2023 03:38:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

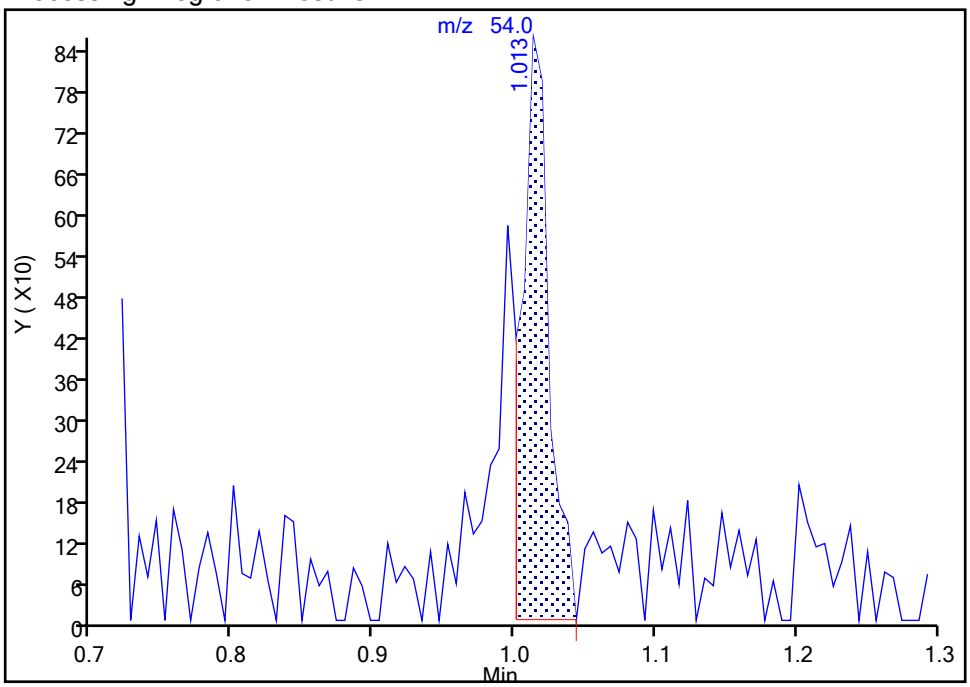
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 1

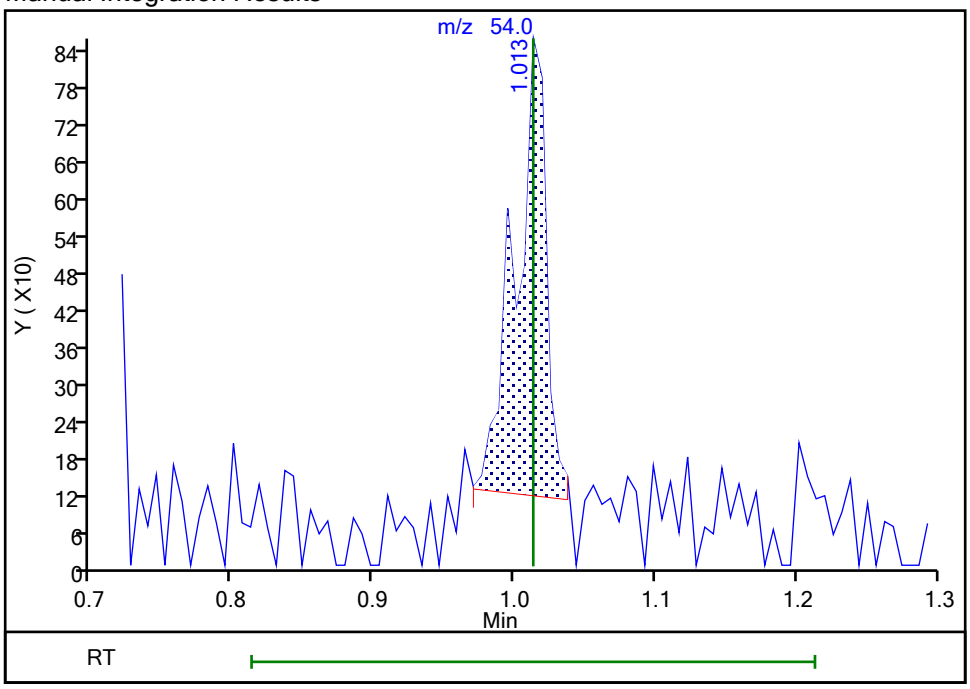
Processing Integration Results

RT: 1.01
Area: 1148
Amount: 0.250000
Amount Units: ug/l



Manual Integration Results

RT: 1.01
Area: 1126
Amount: 0.303004
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:34:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

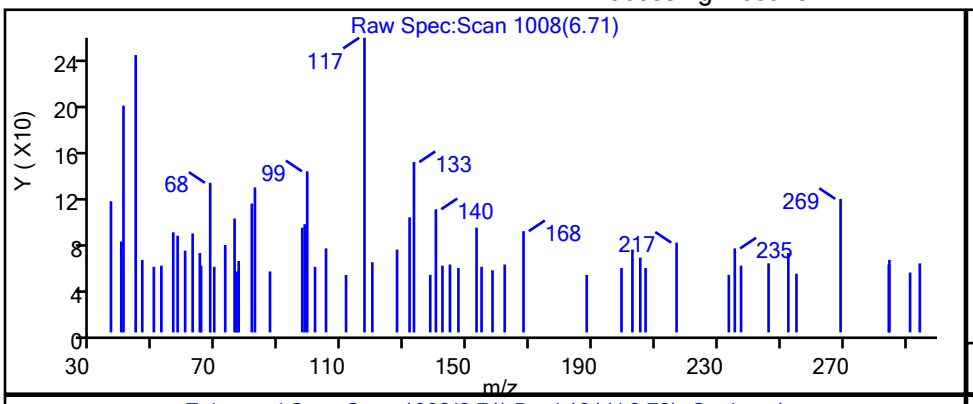
User Disabled Compound Report

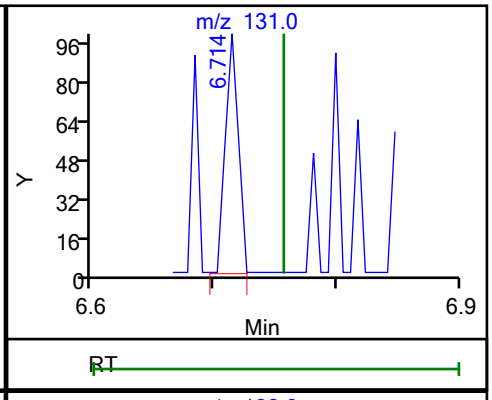
Eurofins Edison

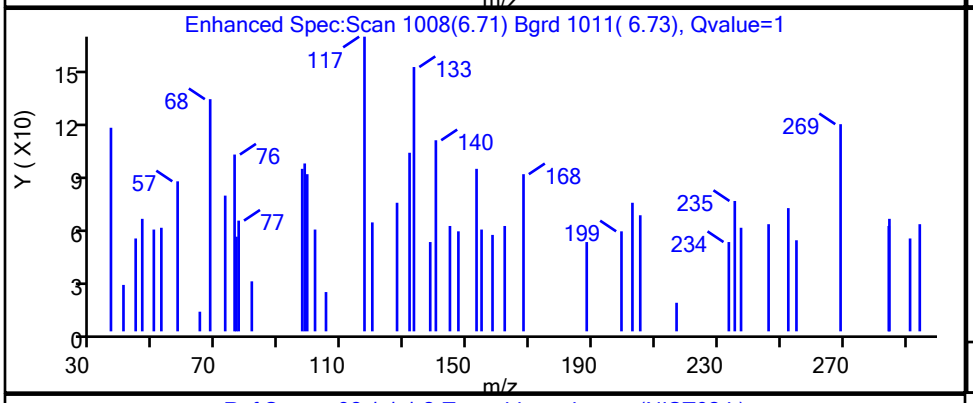
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

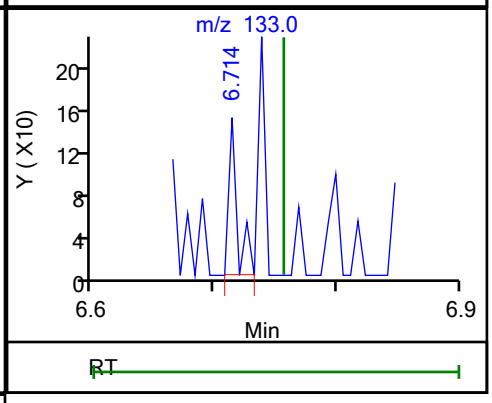
98 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

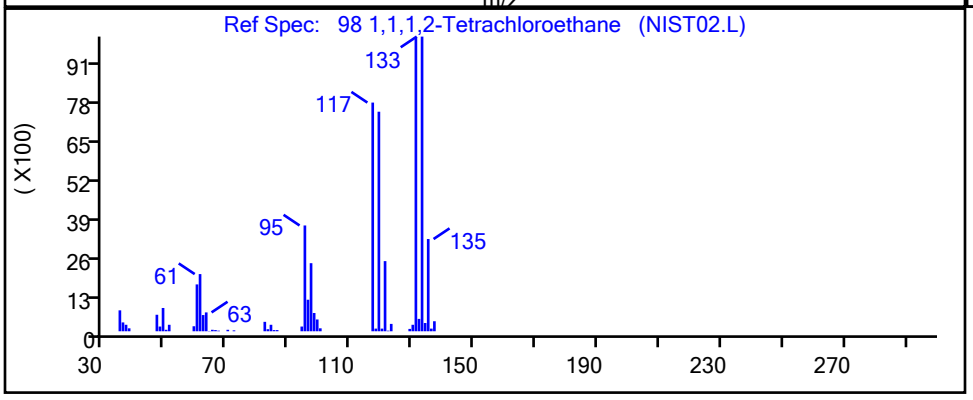
Processing Results











RT	Mass	Response	Amount
6.71	131.00	74	0.022981
6.71	133.00	72	

Reviewer: HVW2, 31-Oct-2023 04:55:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

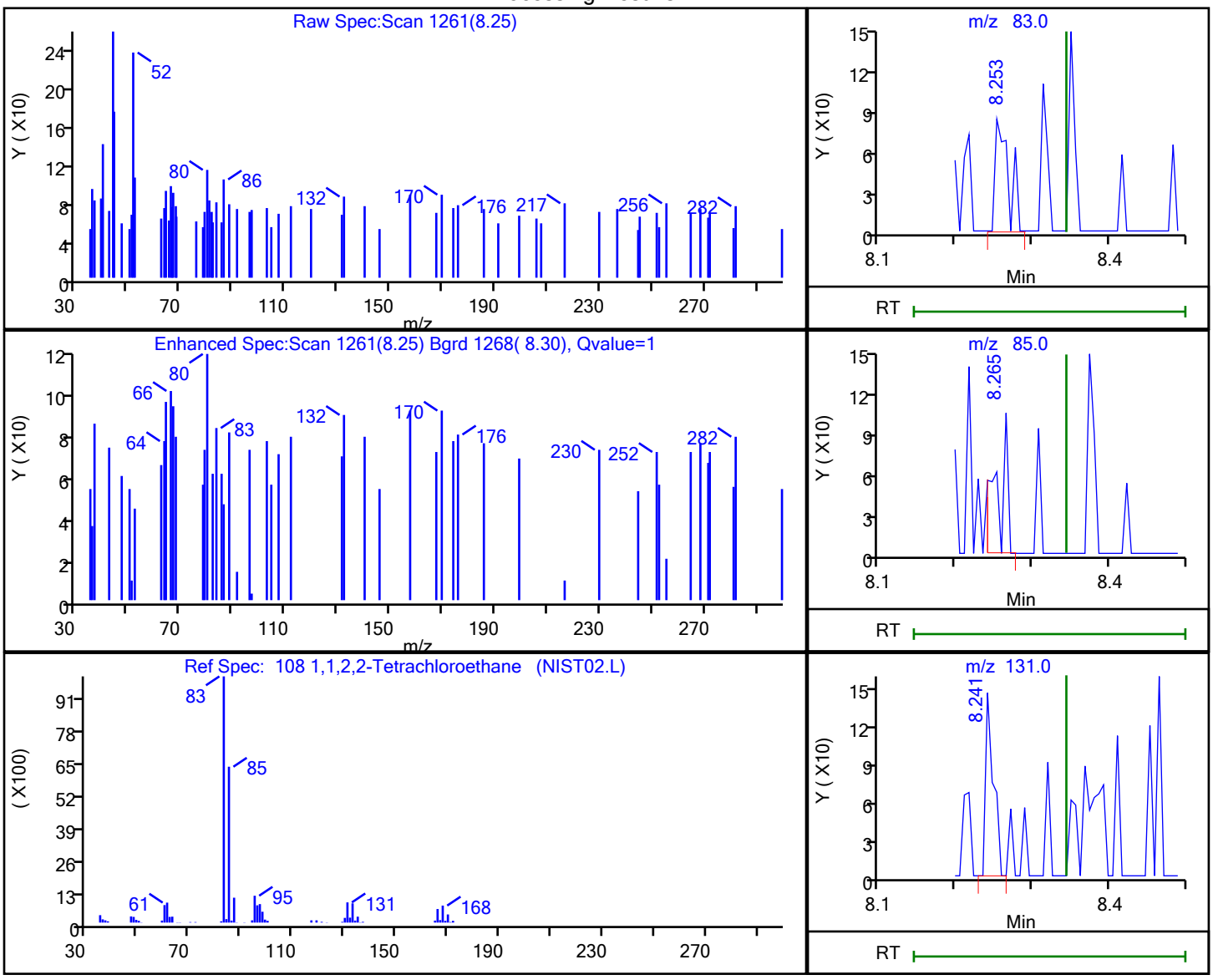
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
8.25	83.00	97	0.030319
8.26	85.00	95	
8.24	131.00	104	

Reviewer: HVW2, 31-Oct-2023 04:55:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

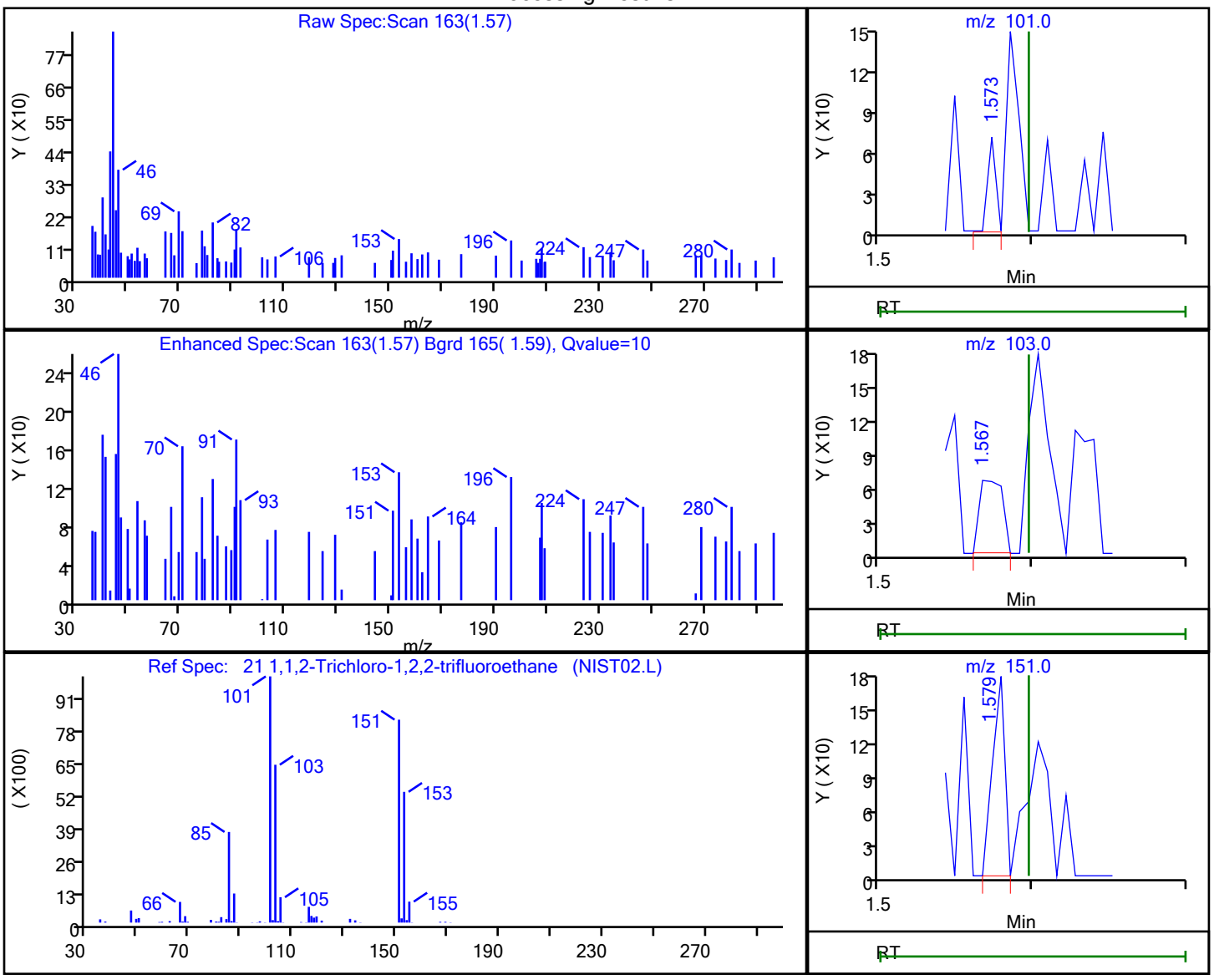
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
1.57	101.00	26	0.006770
1.57	103.00	68	
1.58	151.00	97	
1.58	85.00	35	

Reviewer: HVW2, 31-Oct-2023 04:54:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

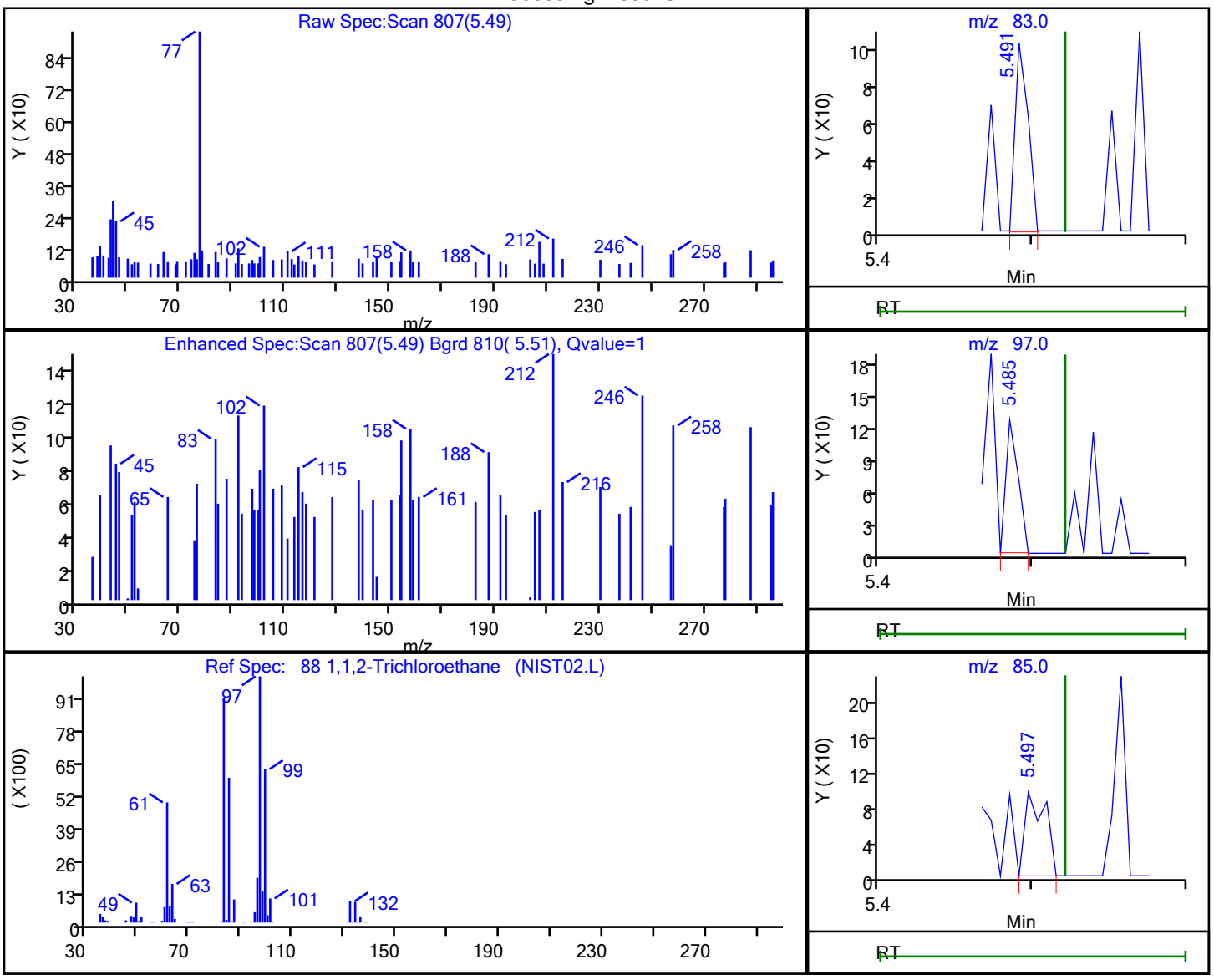
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.49	83.00	57	0.026170
5.48	97.00	69	
5.50	85.00	89	

Reviewer: HVW2, 31-Oct-2023 04:55:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

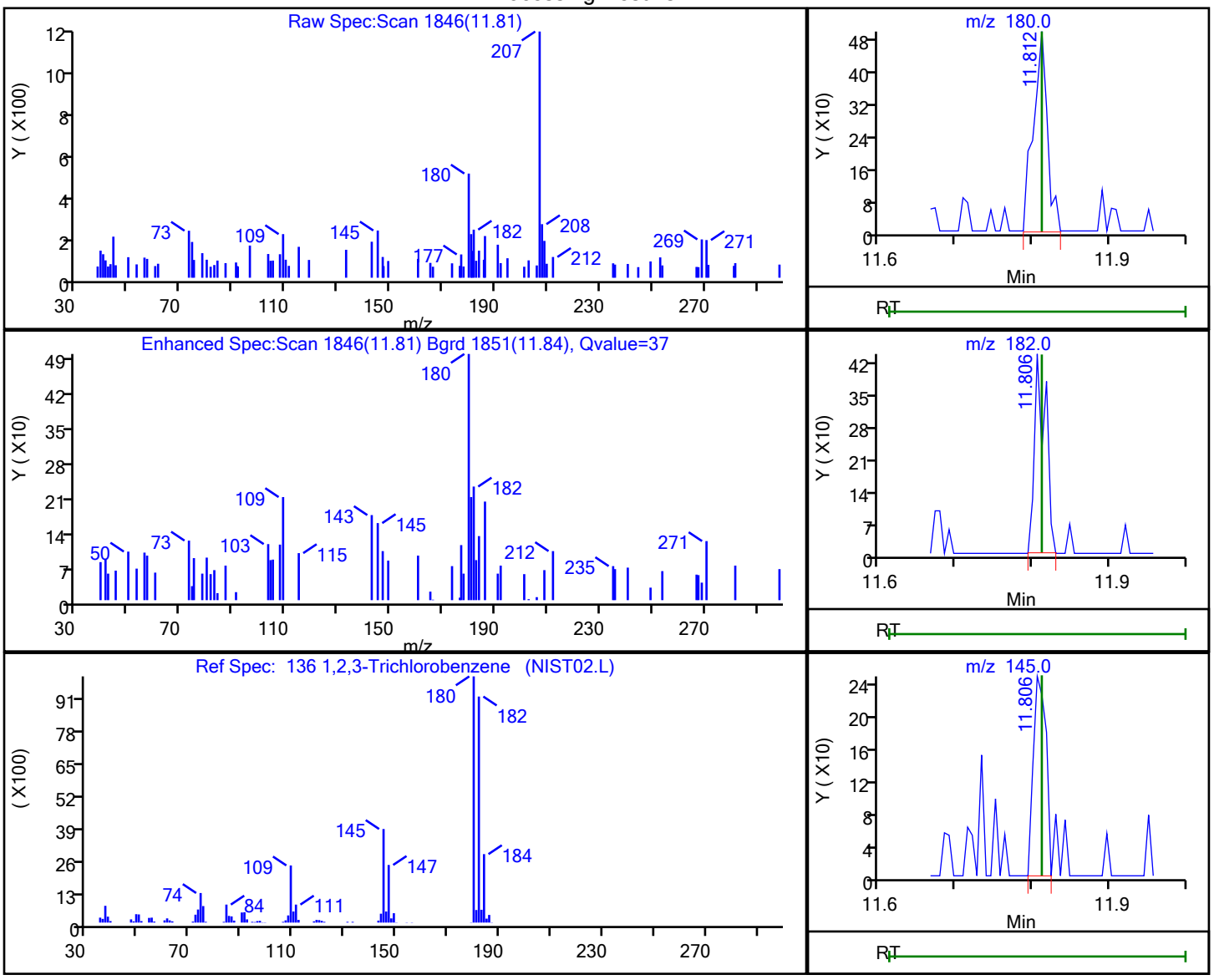
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

136 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.81	180.00	627	0.231988
11.81	182.00	446	
11.81	145.00	284	

Reviewer: HVW2, 31-Oct-2023 04:56:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

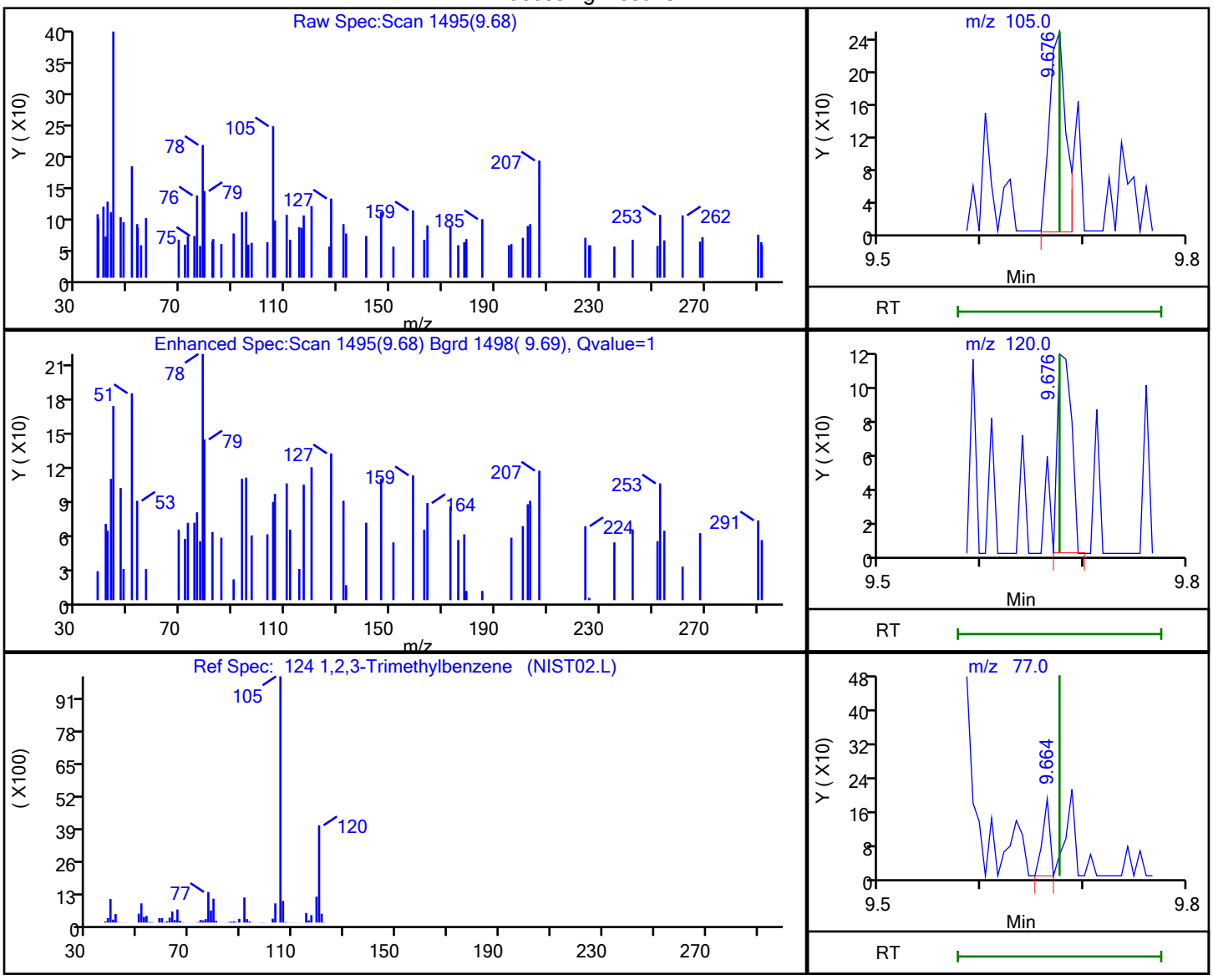
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
9.68	105.00	274	0.035884
9.68	120.00	111	
9.66	77.00	92	

Reviewer: HVW2, 31-Oct-2023 04:56:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

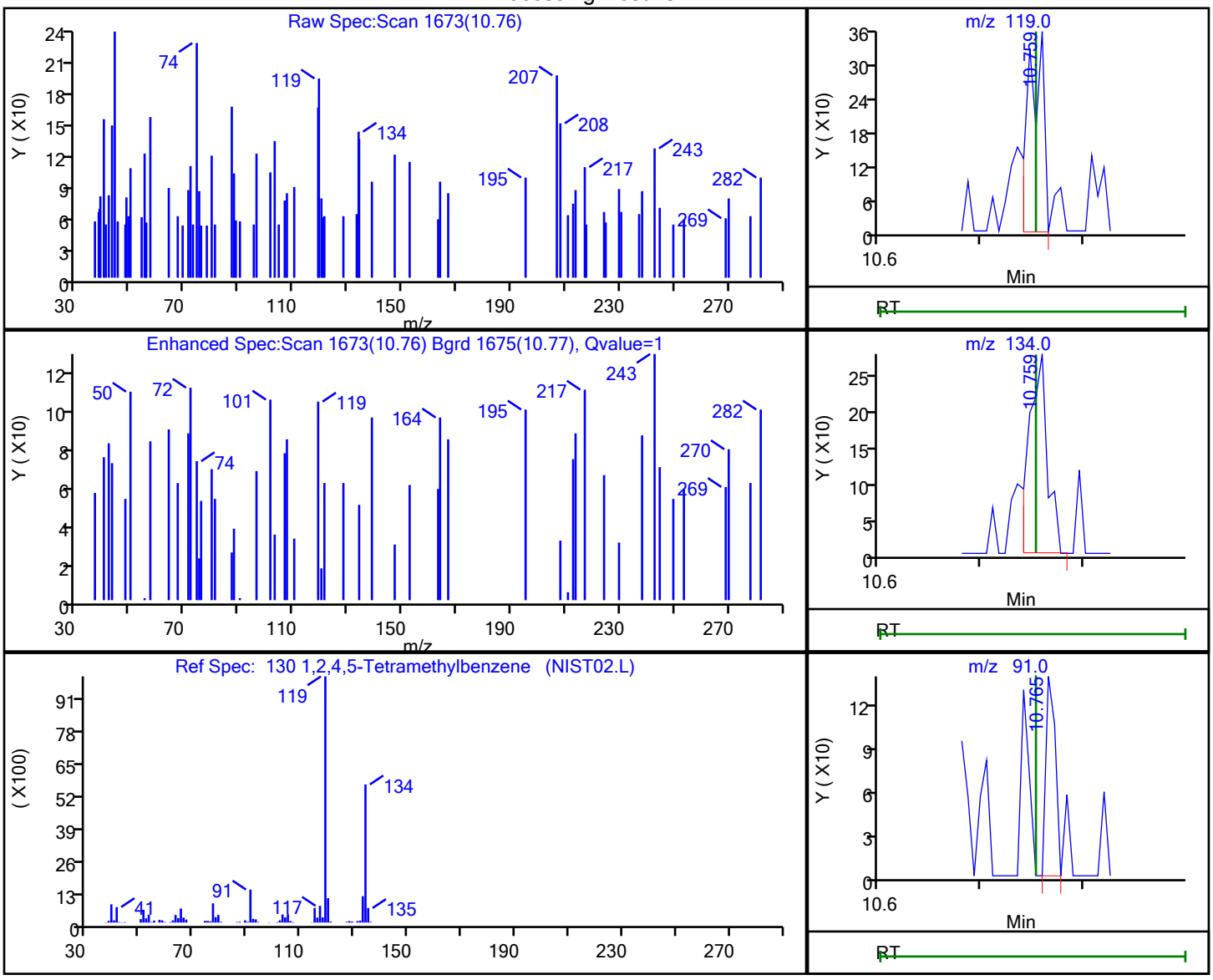
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
10.76	119.00	361	0.067129
10.76	134.00	339	
10.77	91.00	85	

Reviewer: HVW2, 31-Oct-2023 04:56:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

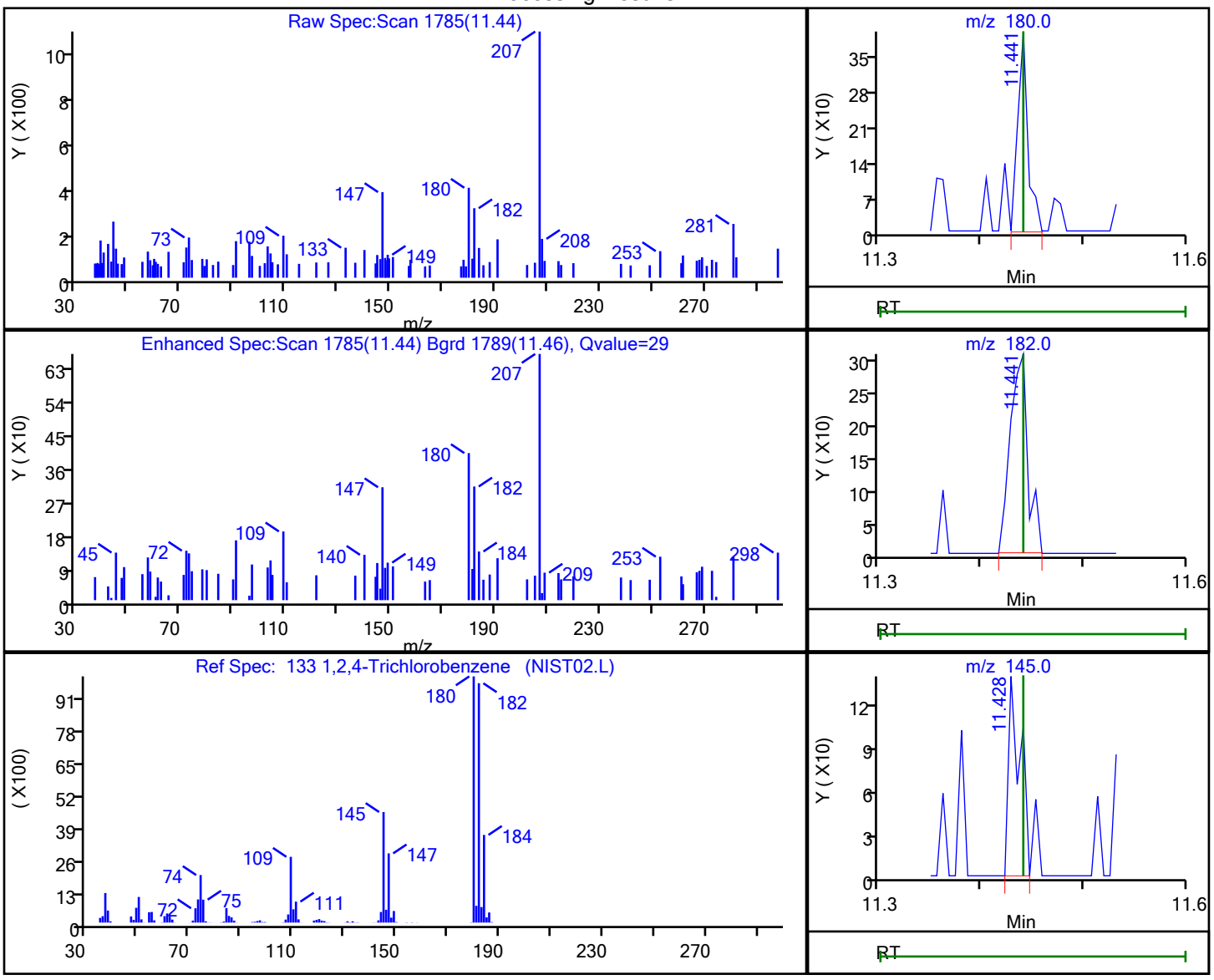
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.44	180.00	276	0.102607
11.44	182.00	372	
11.43	145.00	107	

Reviewer: HVW2, 31-Oct-2023 04:56:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

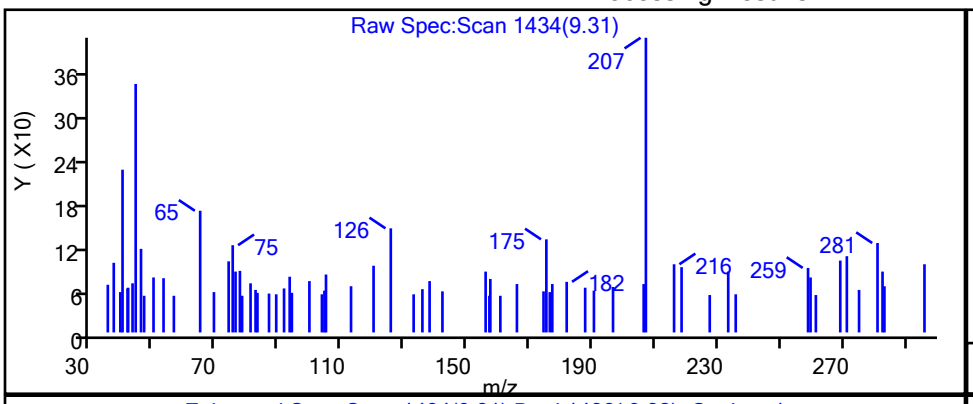
User Disabled Compound Report

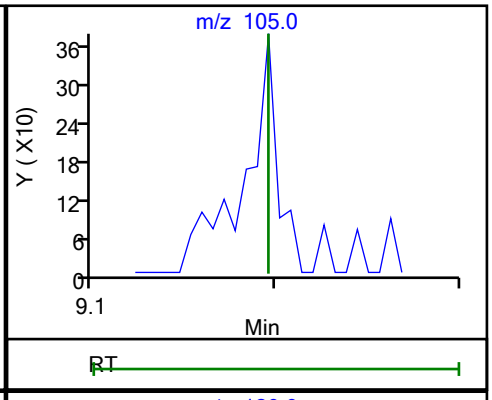
Eurofins Edison

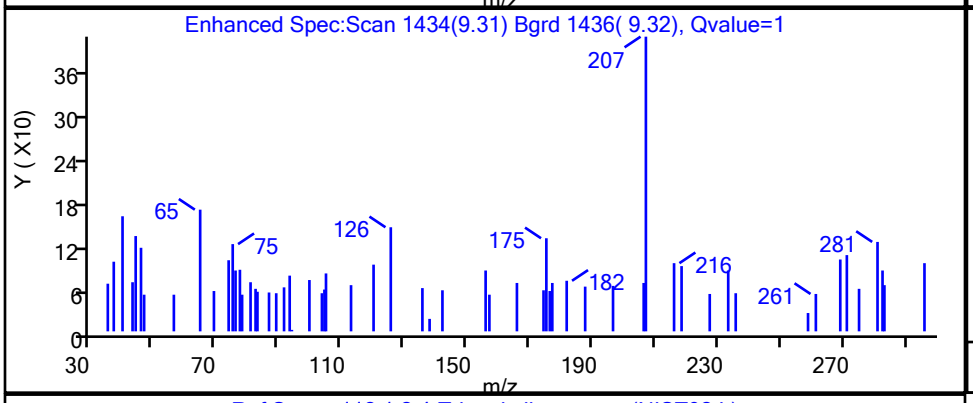
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

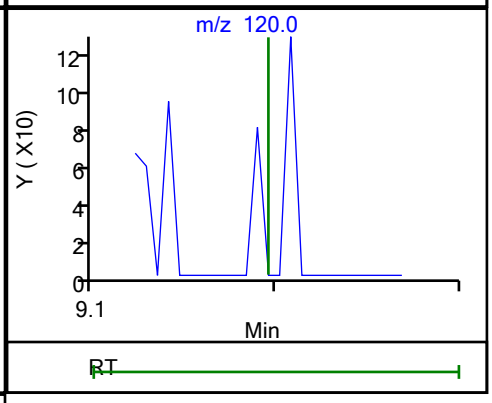
118 1,2,4-Trimethylbenzene, CAS: 95-63-6

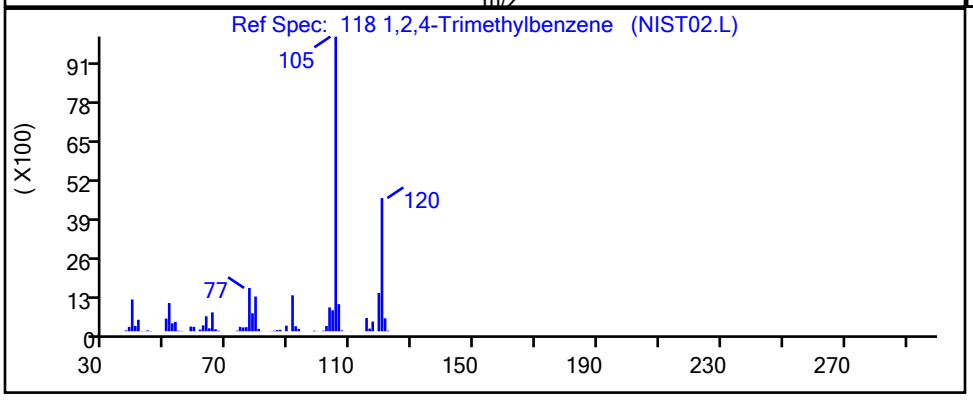
Processing Results











RT	Mass	Response	Amount
9.31	105.00	72	0.010958
9.31	120.00	33	

Reviewer: HVW2, 31-Oct-2023 04:55:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

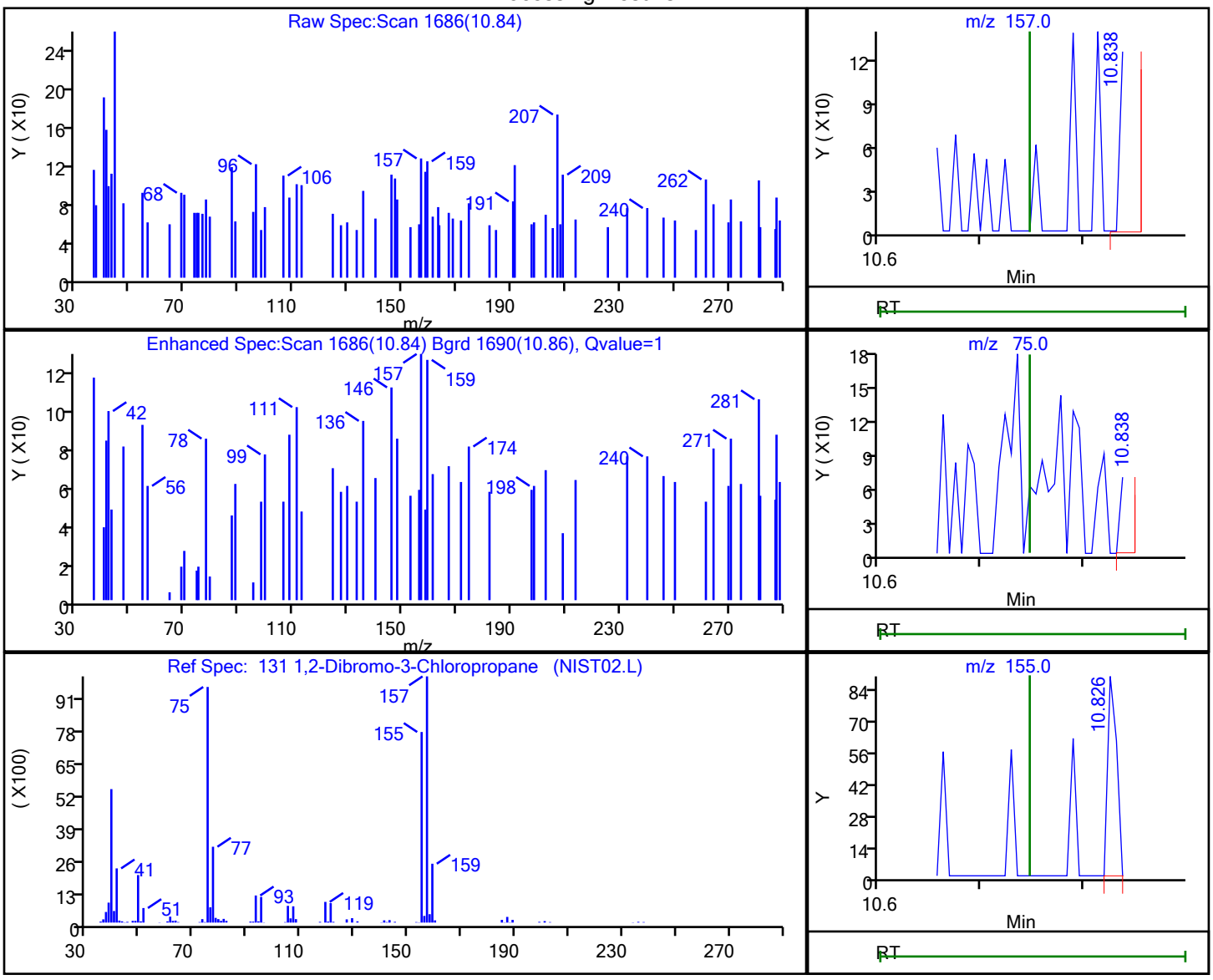
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

131 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
10.84	157.00	105	0.105074
10.84	75.00	49	
10.83	155.00	55	

Reviewer: HVW2, 31-Oct-2023 04:56:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

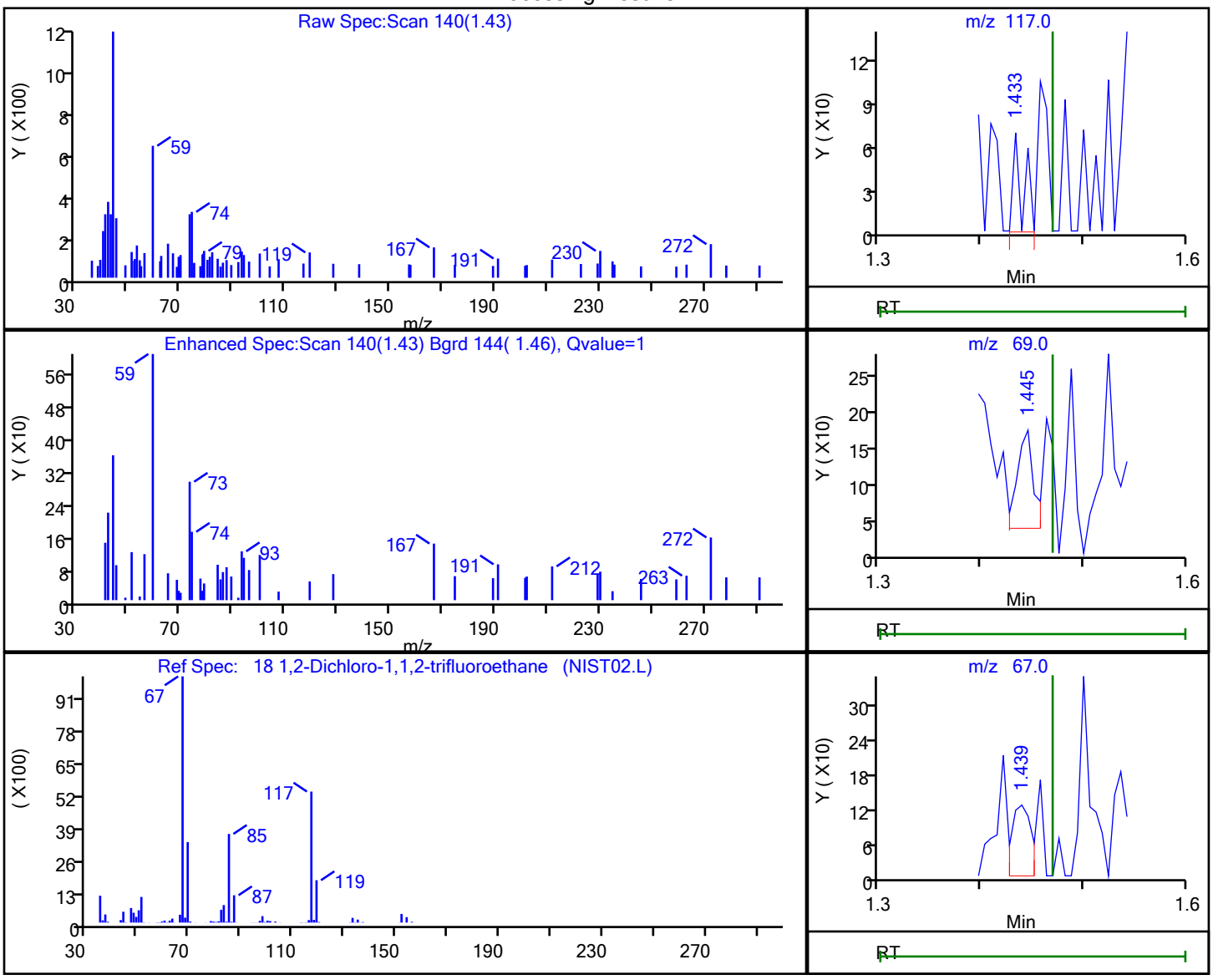
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.43	117.00	44	0.012181
1.45	69.00	156	
1.44	67.00	162	
1.44	119.00	127	

Reviewer: HVW2, 31-Oct-2023 04:54:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

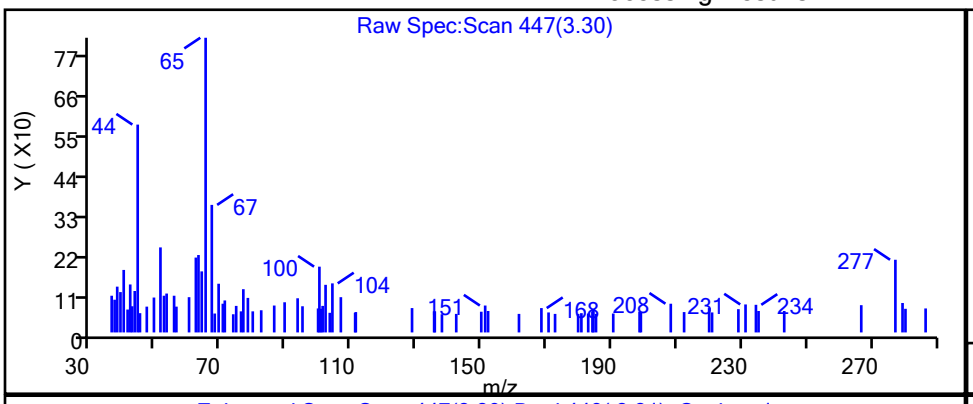
User Disabled Compound Report

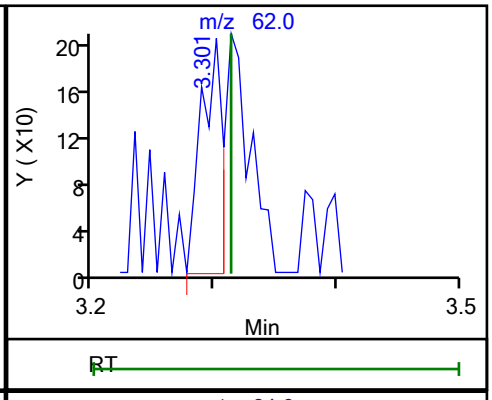
Eurofins Edison

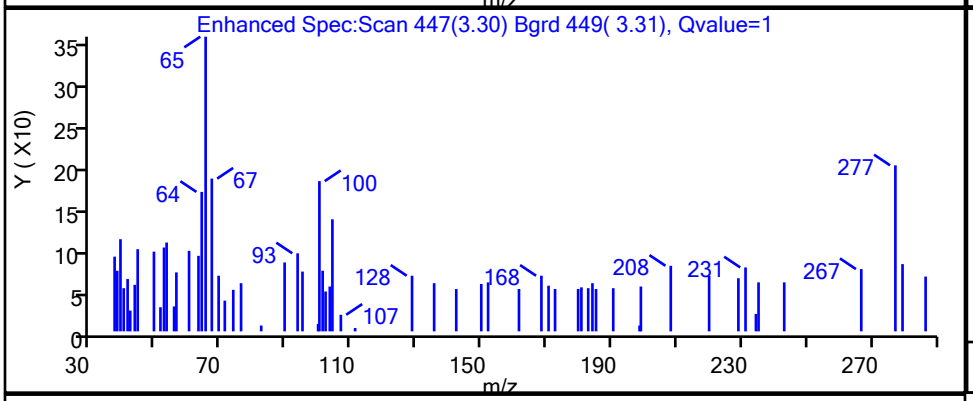
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

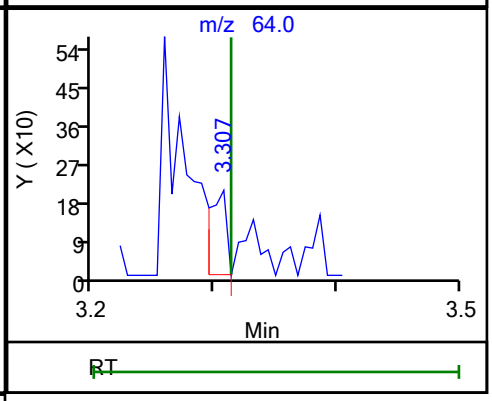
65 1,2-Dichloroethane, CAS: 107-06-2

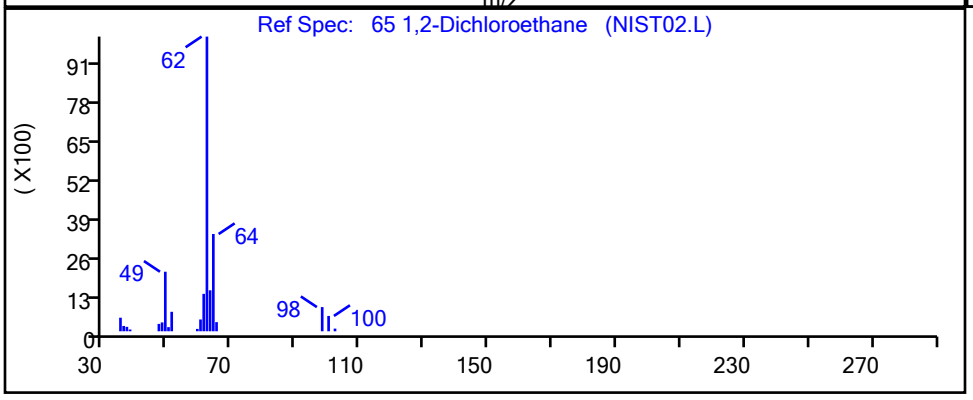
Processing Results











RT	Mass	Response	Amount
3.30	62.00	247	0.063998
3.31	64.00	194	

Reviewer: HVW2, 31-Oct-2023 04:55:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

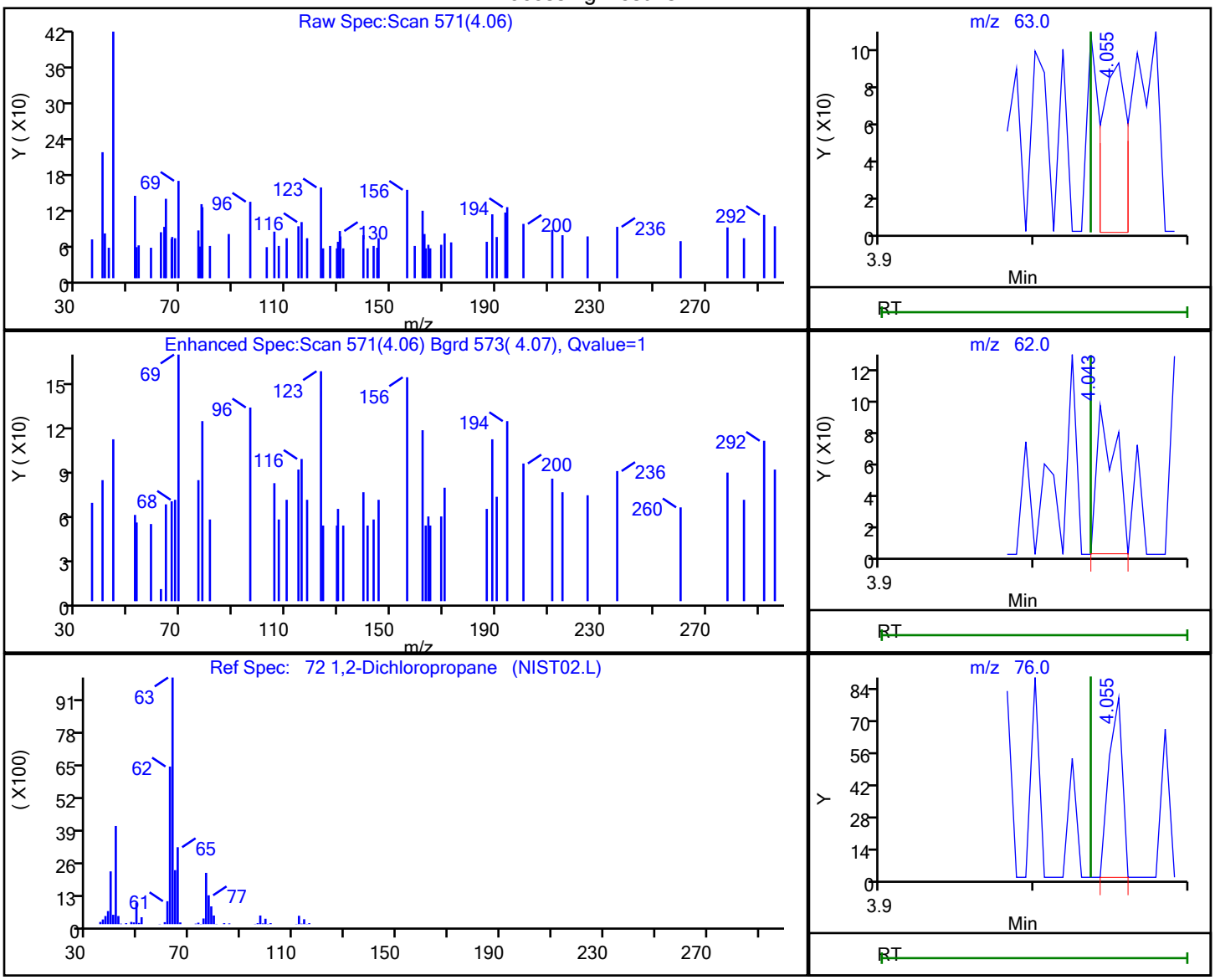
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.06	63.00	100	0.035029
4.04	62.00	82	
4.06	76.00	49	
4.03	112.00	0	

Reviewer: HVW2, 31-Oct-2023 04:55:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

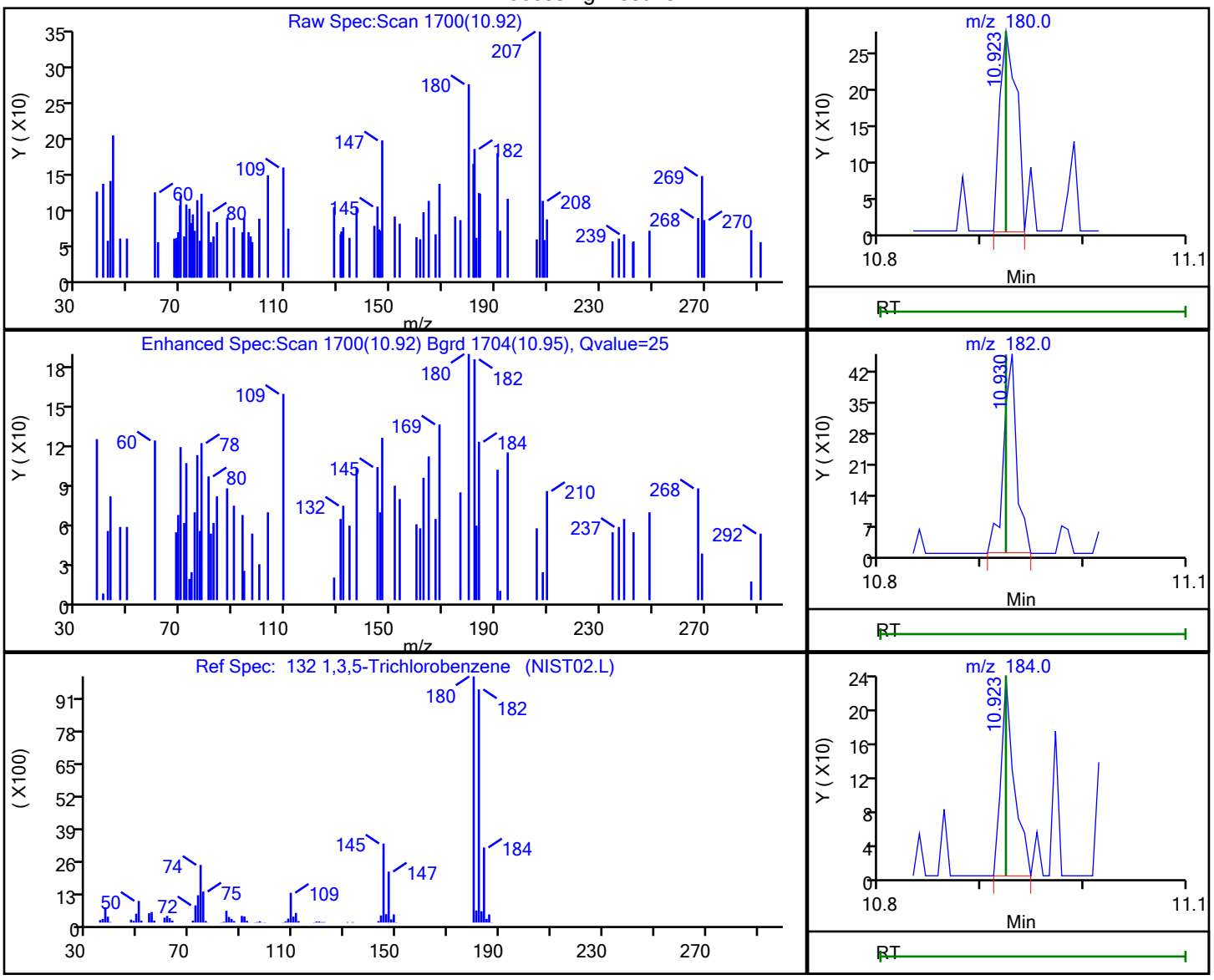
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
10.92	180.00	311	0.093094
10.93	182.00	408	
10.92	184.00	211	

Reviewer: HVW2, 31-Oct-2023 04:56:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

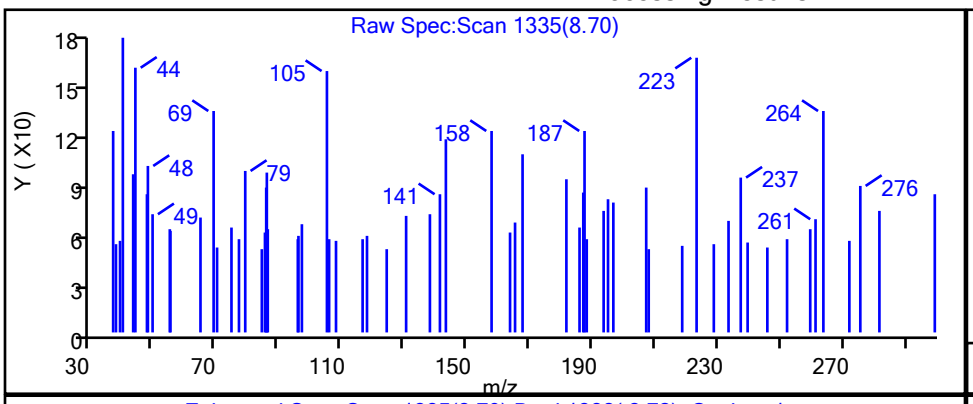
User Disabled Compound Report

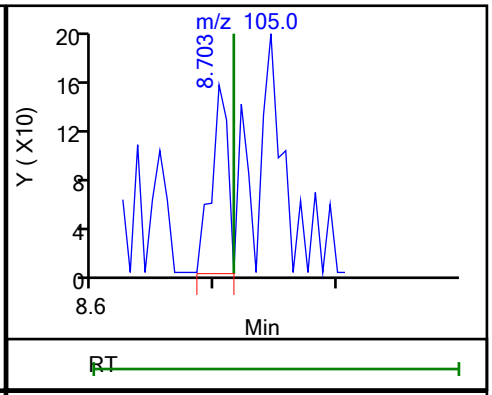
Eurofins Edison

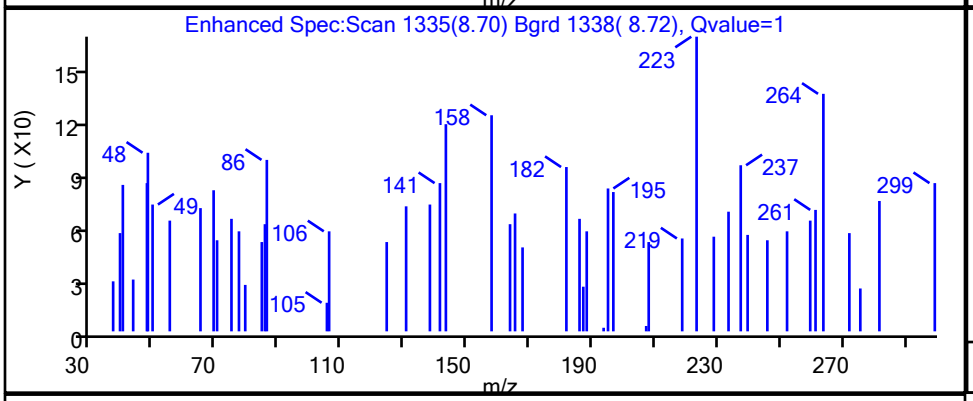
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

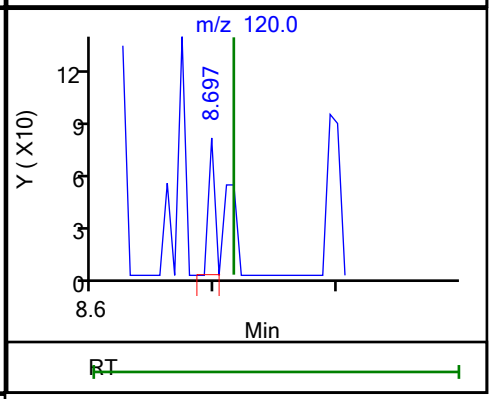
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

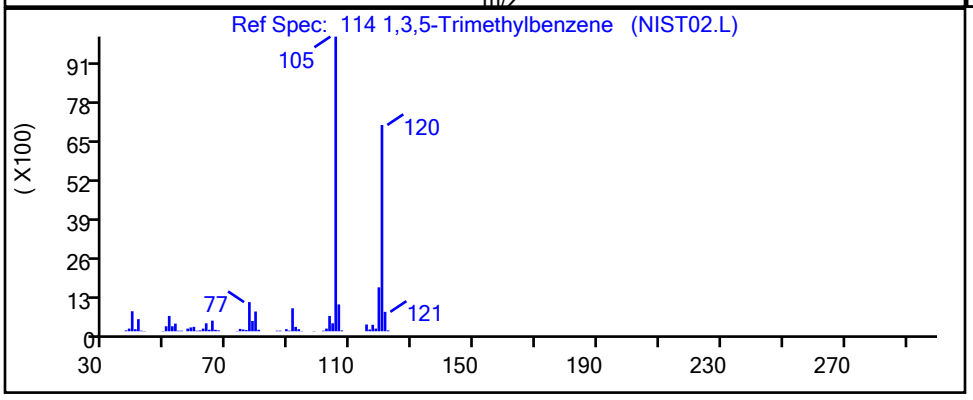
Processing Results











RT	Mass	Response	Amount
8.70	105.00	146	0.021898
8.70	120.00	28	

Reviewer: HVW2, 31-Oct-2023 04:55:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

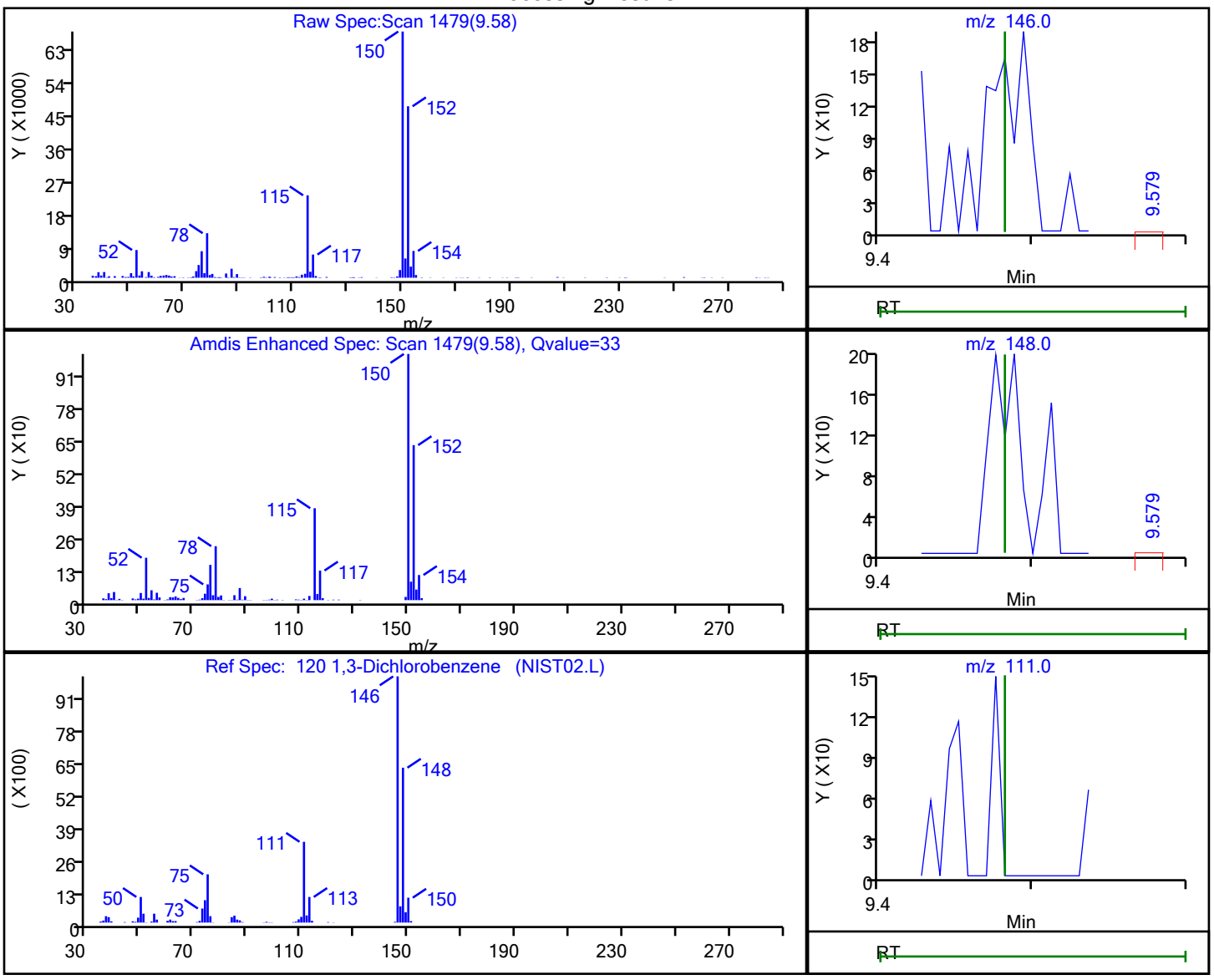
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.58	146.00	89	0.018571
9.58	148.00	282	
9.57	111.00	2111	

Reviewer: HVW2, 31-Oct-2023 04:56:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

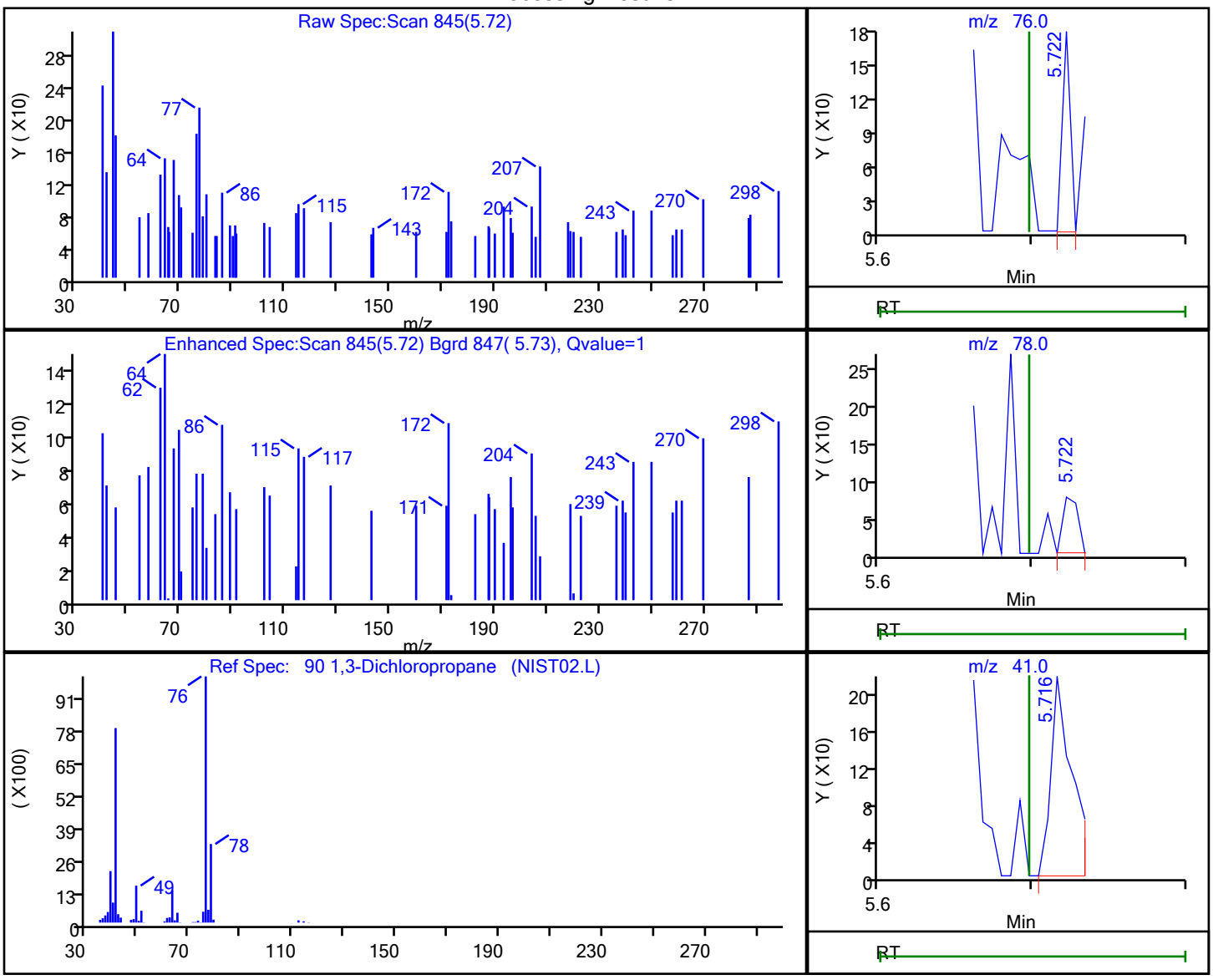
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
5.72	76.00	64	0.016100
5.72	78.00	52	
5.72	41.00	207	

Reviewer: HVW2, 31-Oct-2023 04:55:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

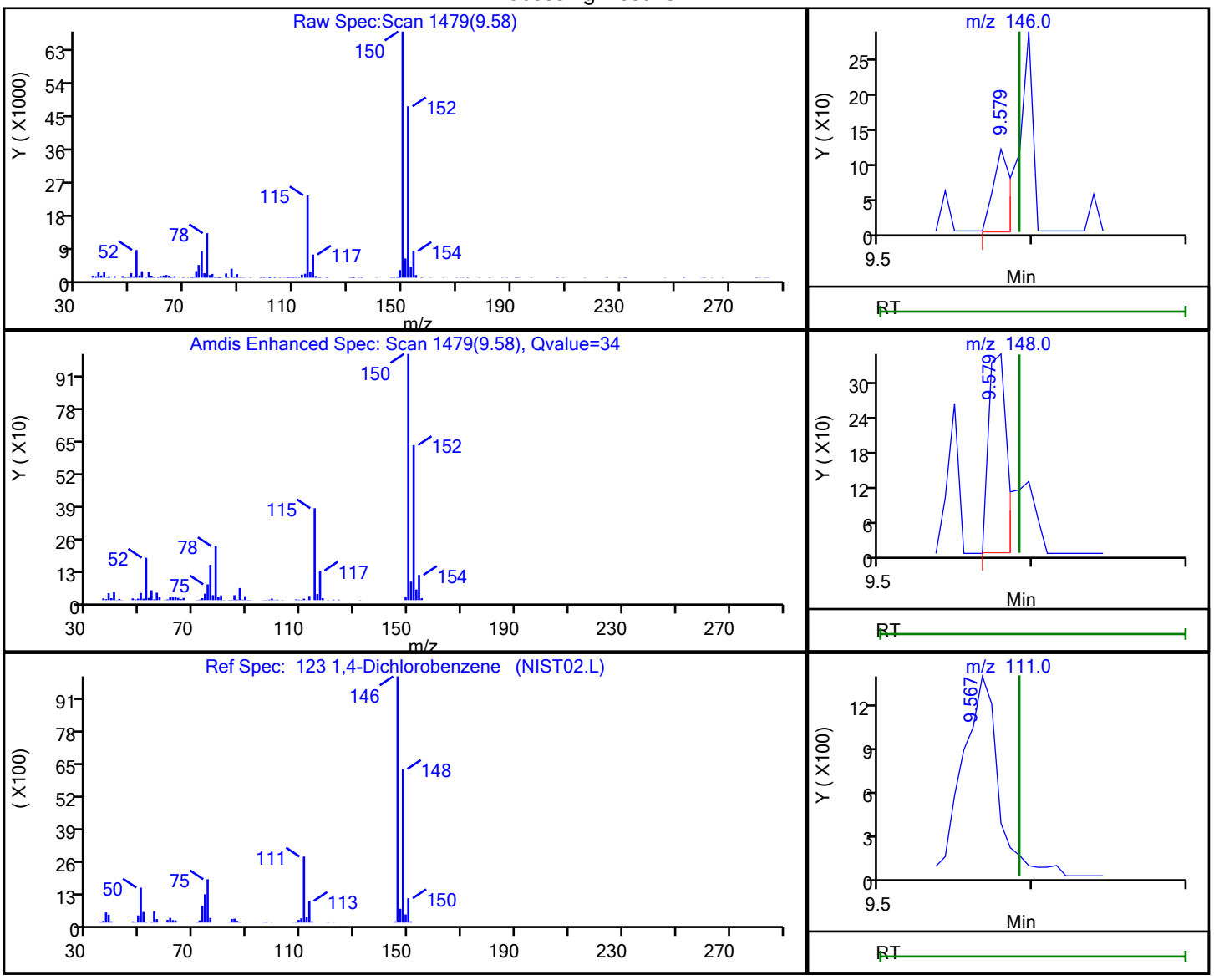
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
9.58	146.00	89	0.016500
9.58	148.00	282	
9.57	111.00	2111	

Reviewer: HVW2, 31-Oct-2023 04:56:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

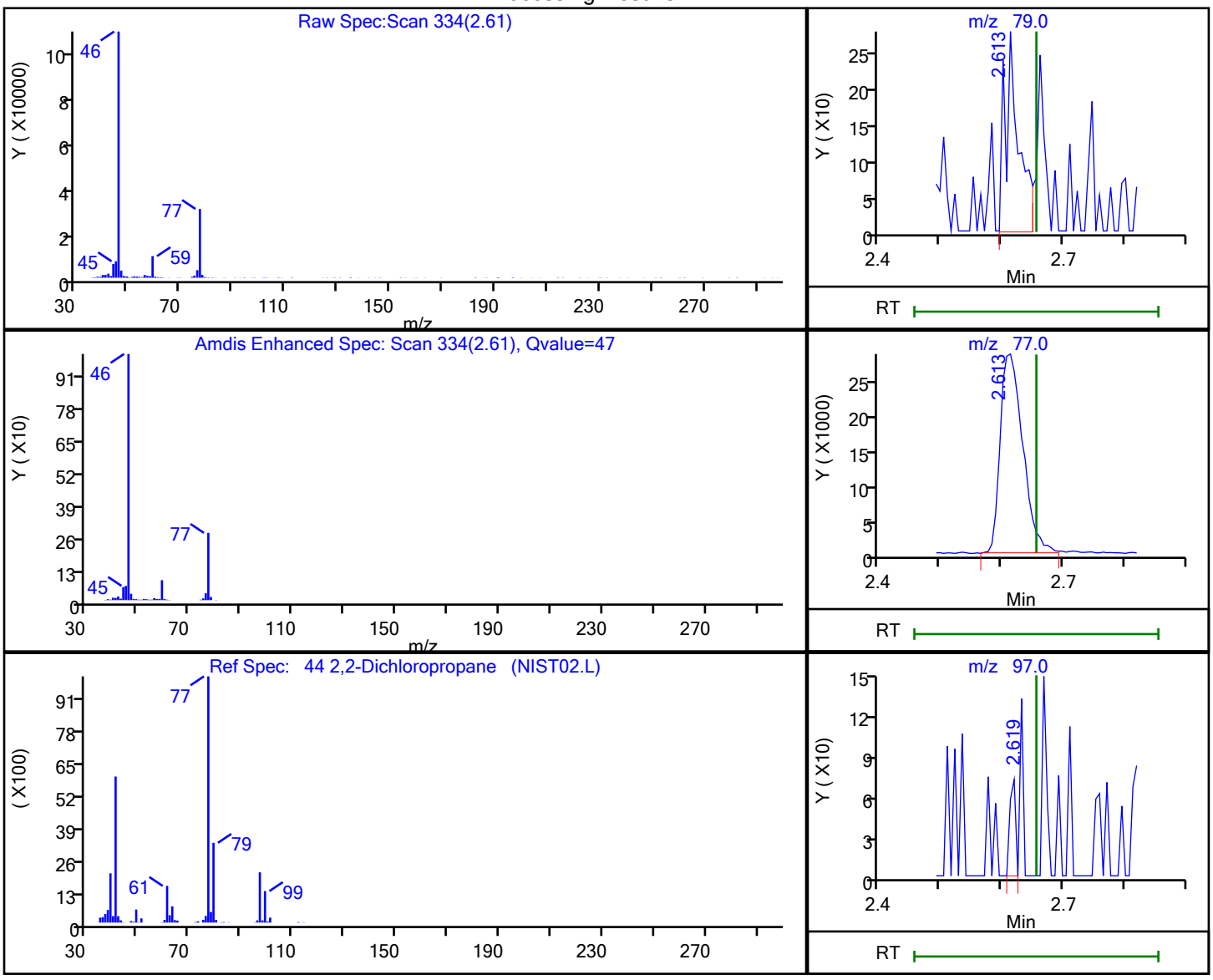
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.61	79.00	440	0.143743
2.61	77.00	73878	
2.62	97.00	45	

Reviewer: HVW2, 31-Oct-2023 04:55:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

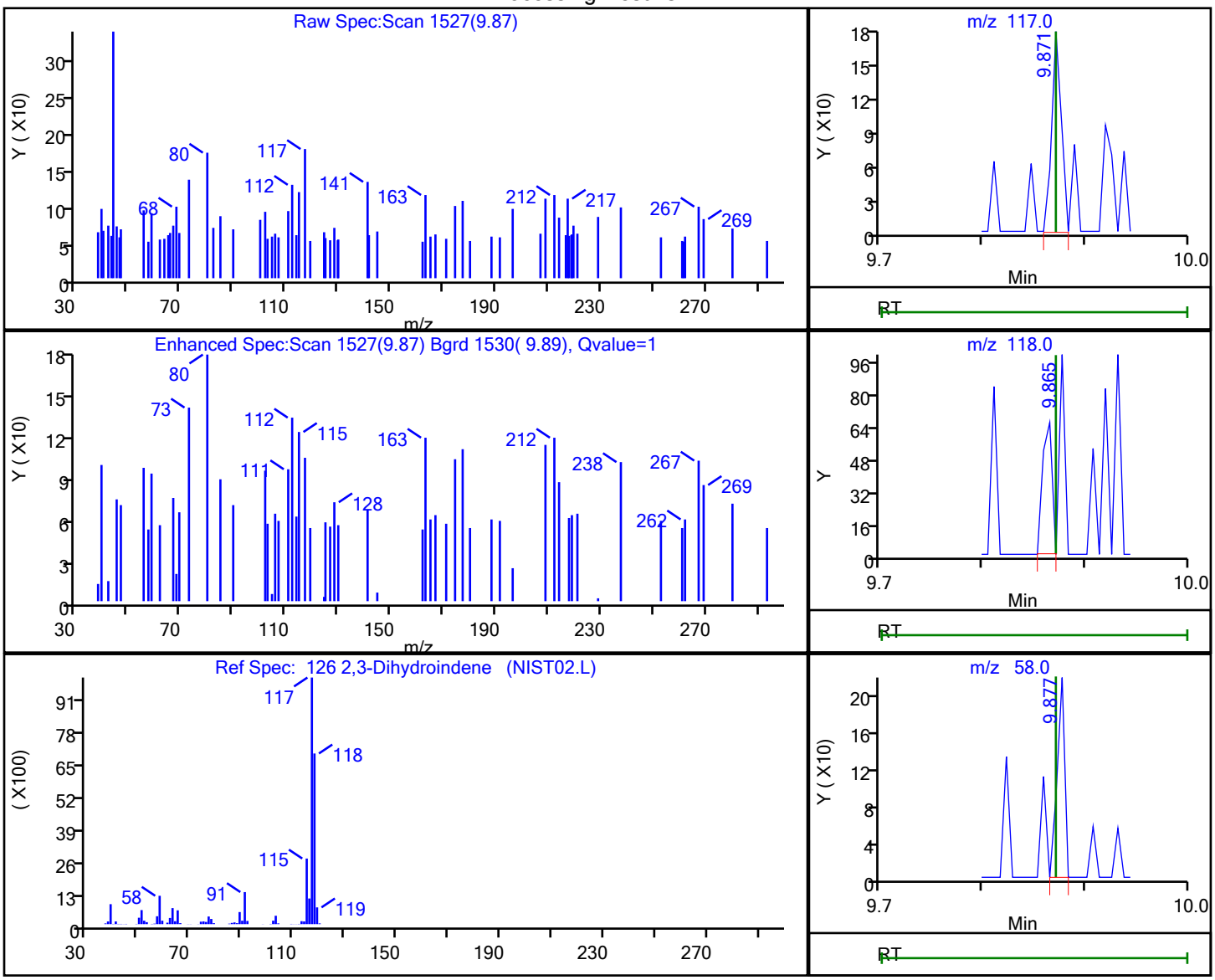
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

126 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
9.87	117.00	117	0.016142
9.86	118.00	43	
9.88	58.00	113	

Reviewer: HVW2, 31-Oct-2023 04:56:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

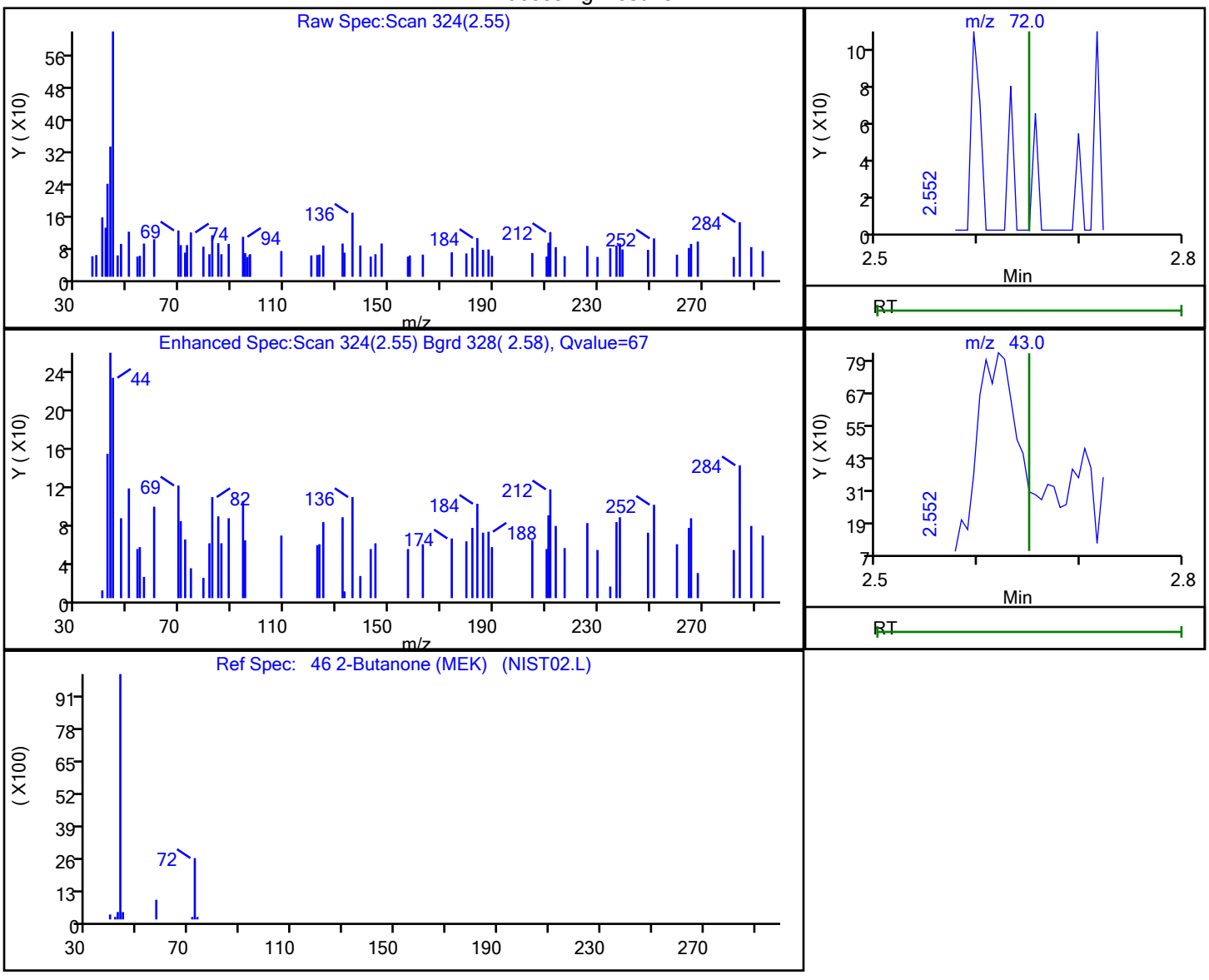
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.55	72.00	74	0.190856
2.55	43.00	291	

Reviewer: HVW2, 31-Oct-2023 04:55:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

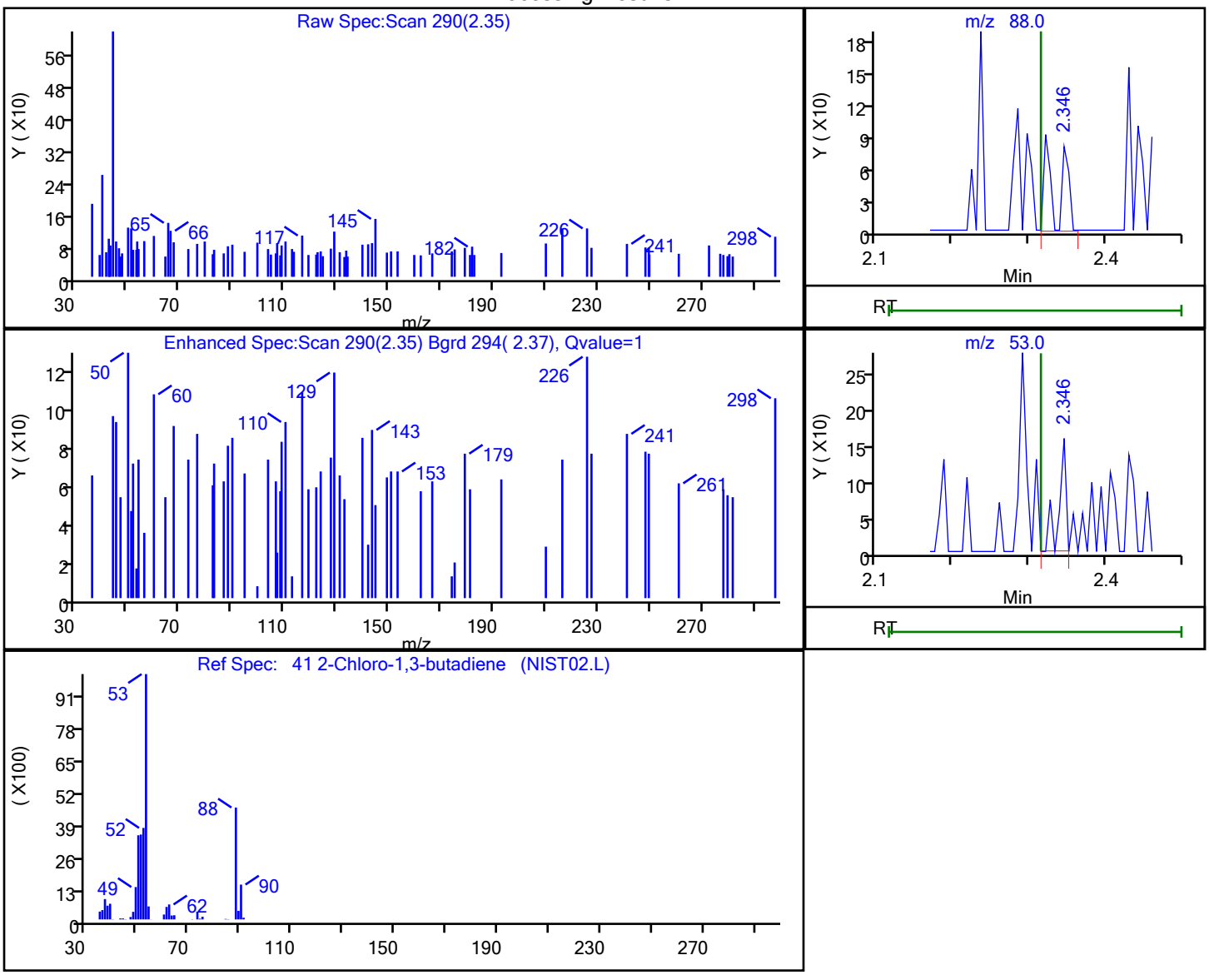
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 2-Chloro-1,3-butadiene, CAS: 126-99-8

Processing Results



RT	Mass	Response	Amount
2.35	88.00	99	0.036000
2.35	53.00	104	

Reviewer: HVW2, 31-Oct-2023 04:55:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

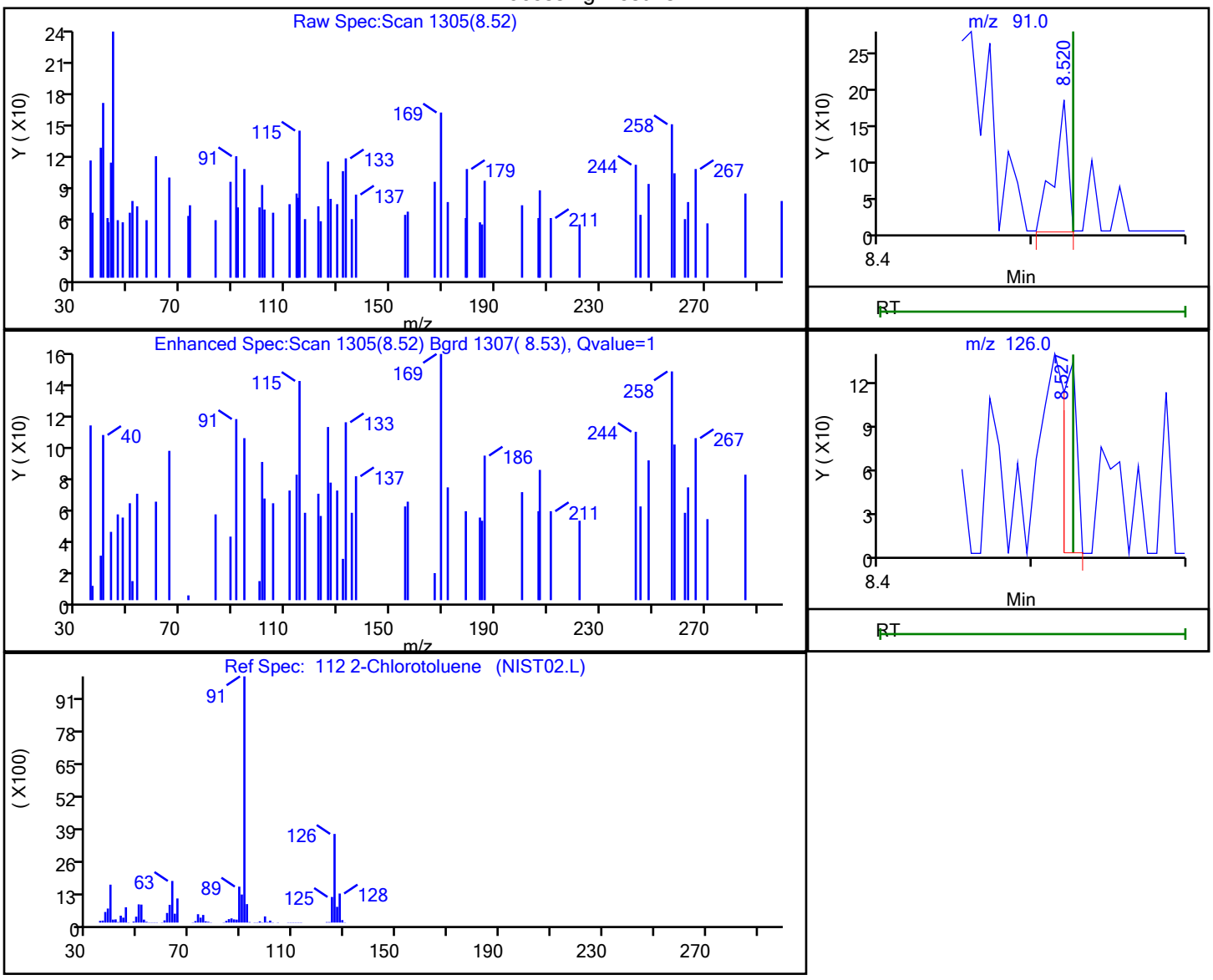
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
8.52	91.00	113	0.018375
8.53	126.00	87	

Reviewer: HVW2, 31-Oct-2023 04:55:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

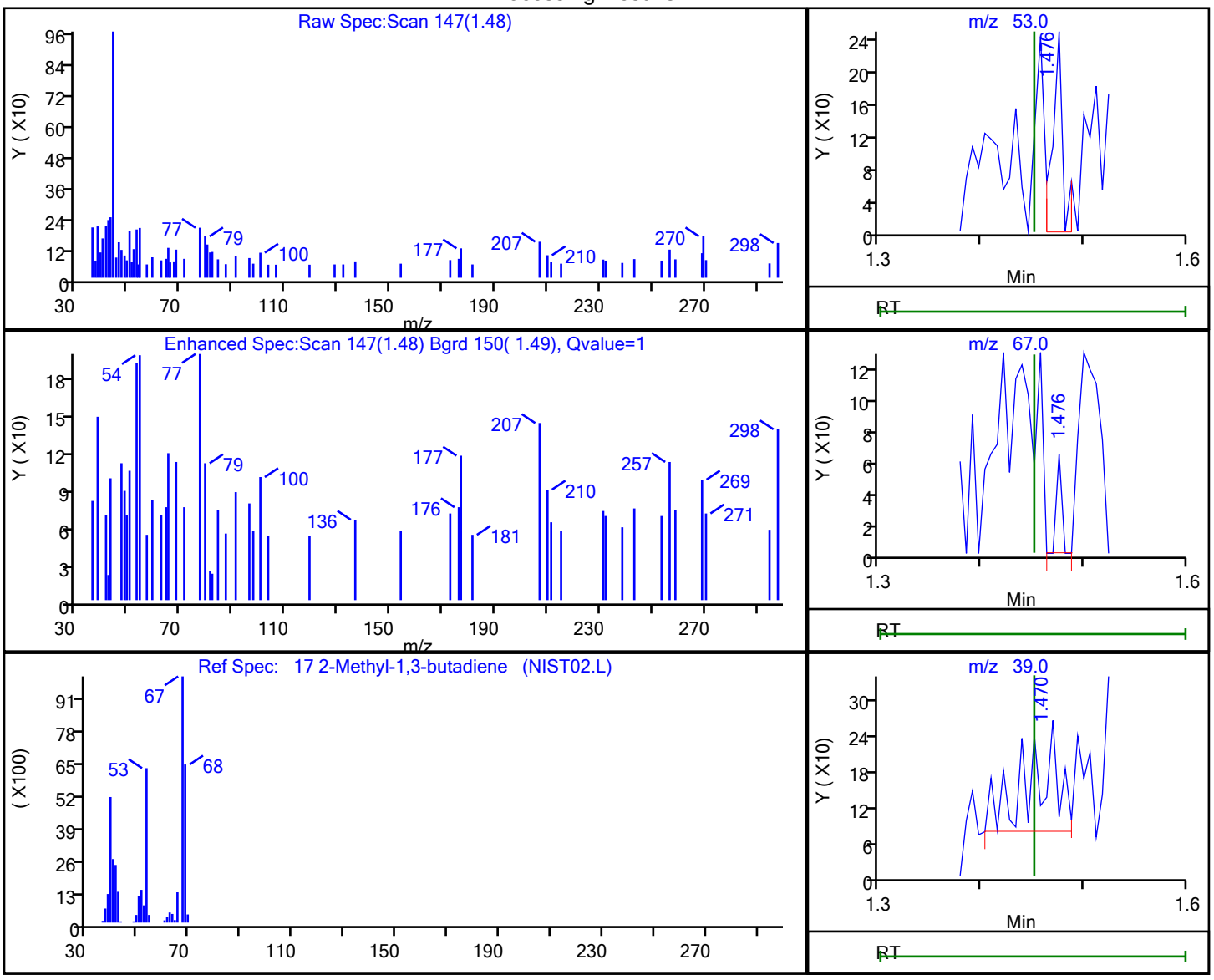
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.48	53.00	169	0.064912
1.48	67.00	23	
1.47	39.00	364	

Reviewer: HVW2, 31-Oct-2023 04:54:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

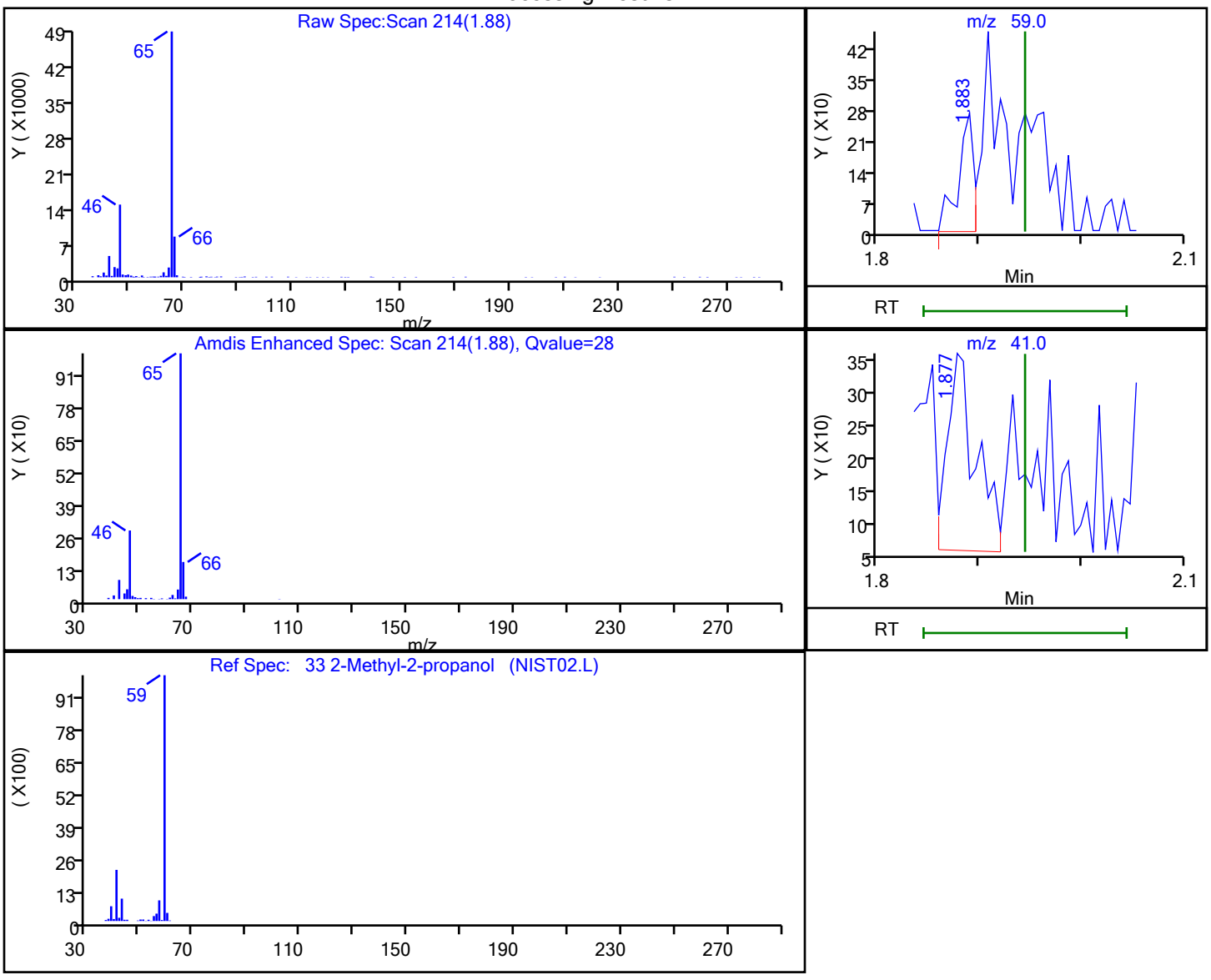
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
1.88	59.00	287	2.000000
1.88	41.00	585	

Reviewer: HVW2, 31-Oct-2023 04:54:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

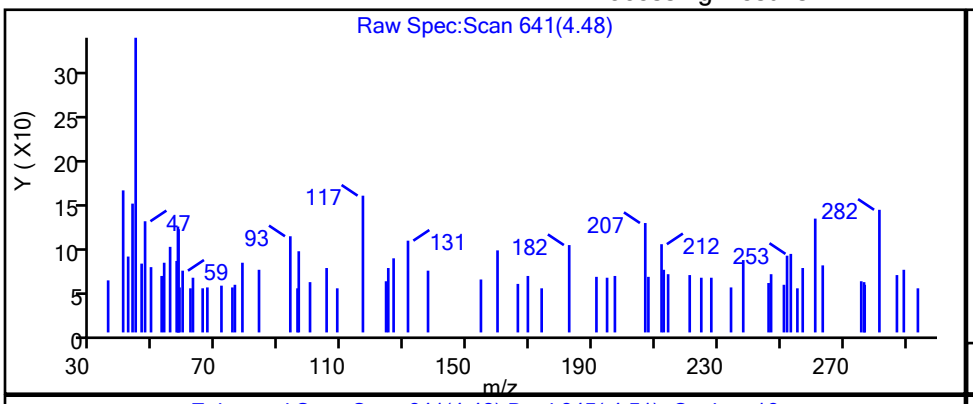
User Disabled Compound Report

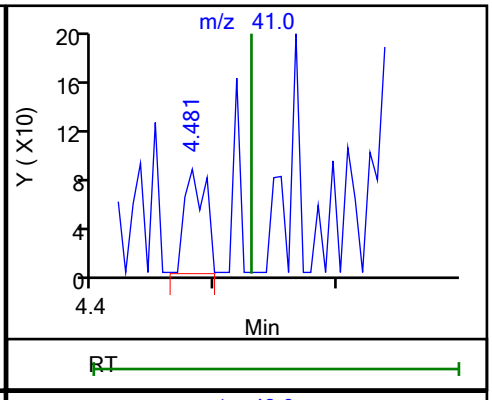
Eurofins Edison

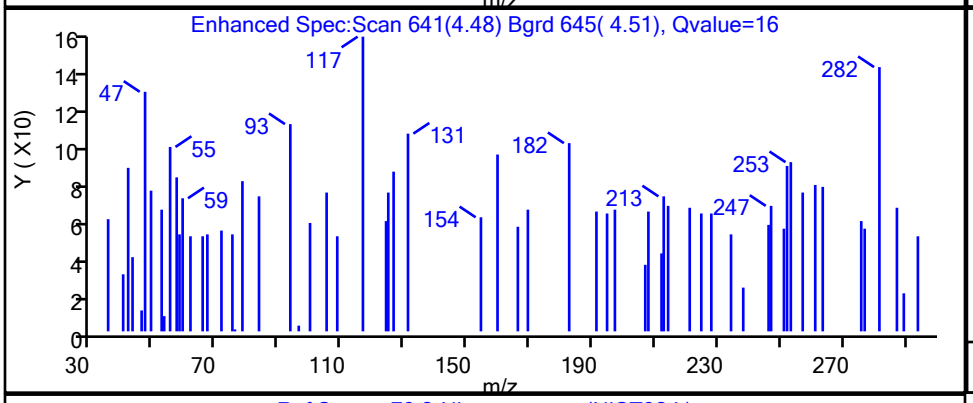
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

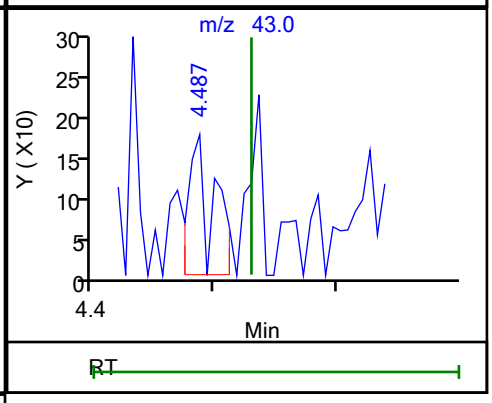
79 2-Nitropropane, CAS: 79-46-9

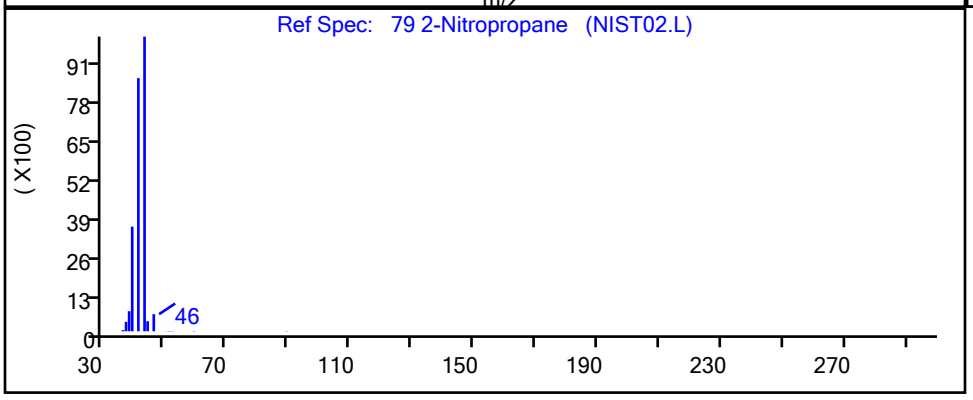
Processing Results











RT	Mass	Response	Amount
4.48	41.00	102	0.119591
4.49	43.00	248	

Reviewer: HVW2, 31-Oct-2023 04:55:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

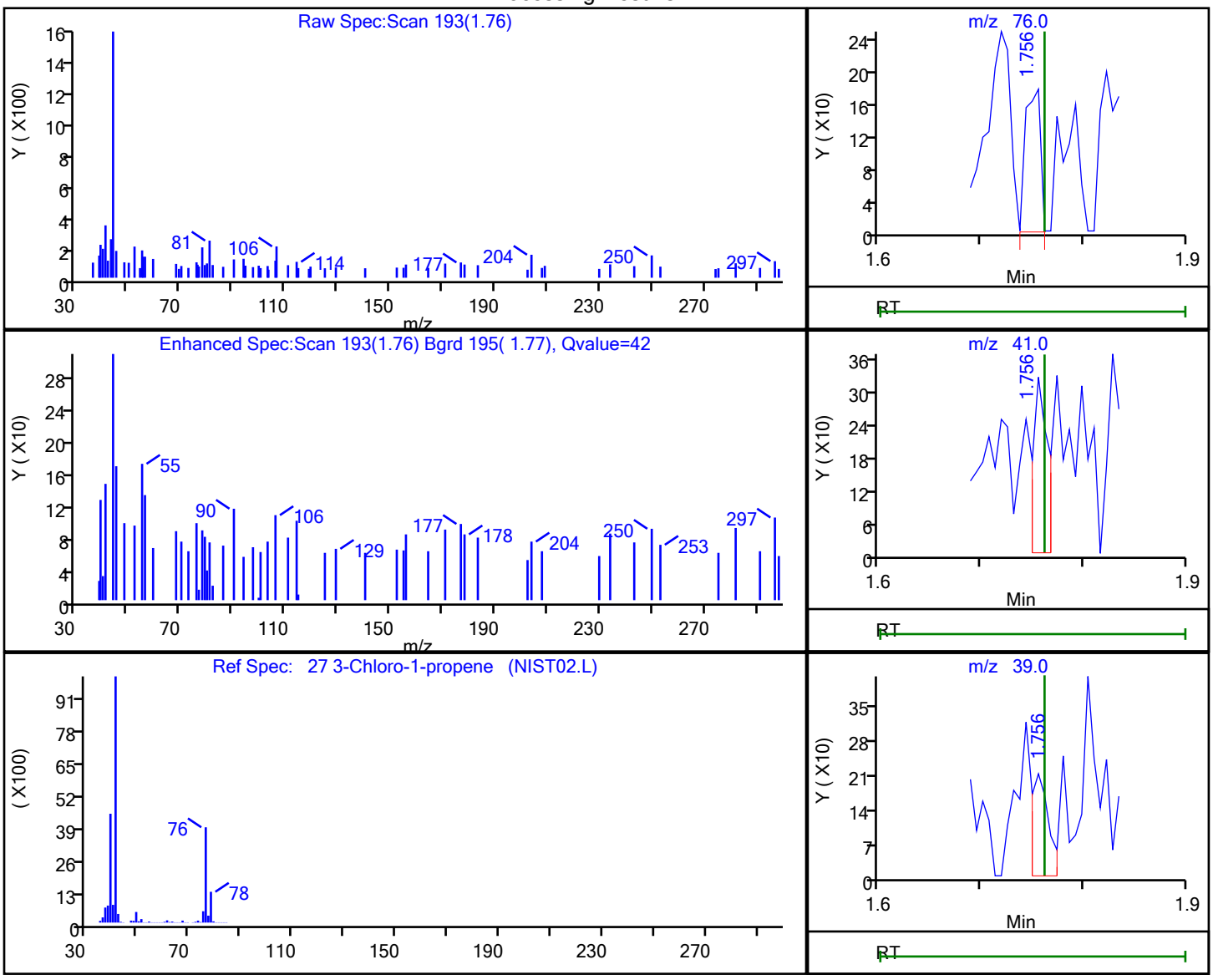
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.76	76.00	180	0.068556
1.76	41.00	332	
1.76	39.00	242	

Reviewer: HVW2, 31-Oct-2023 04:54:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

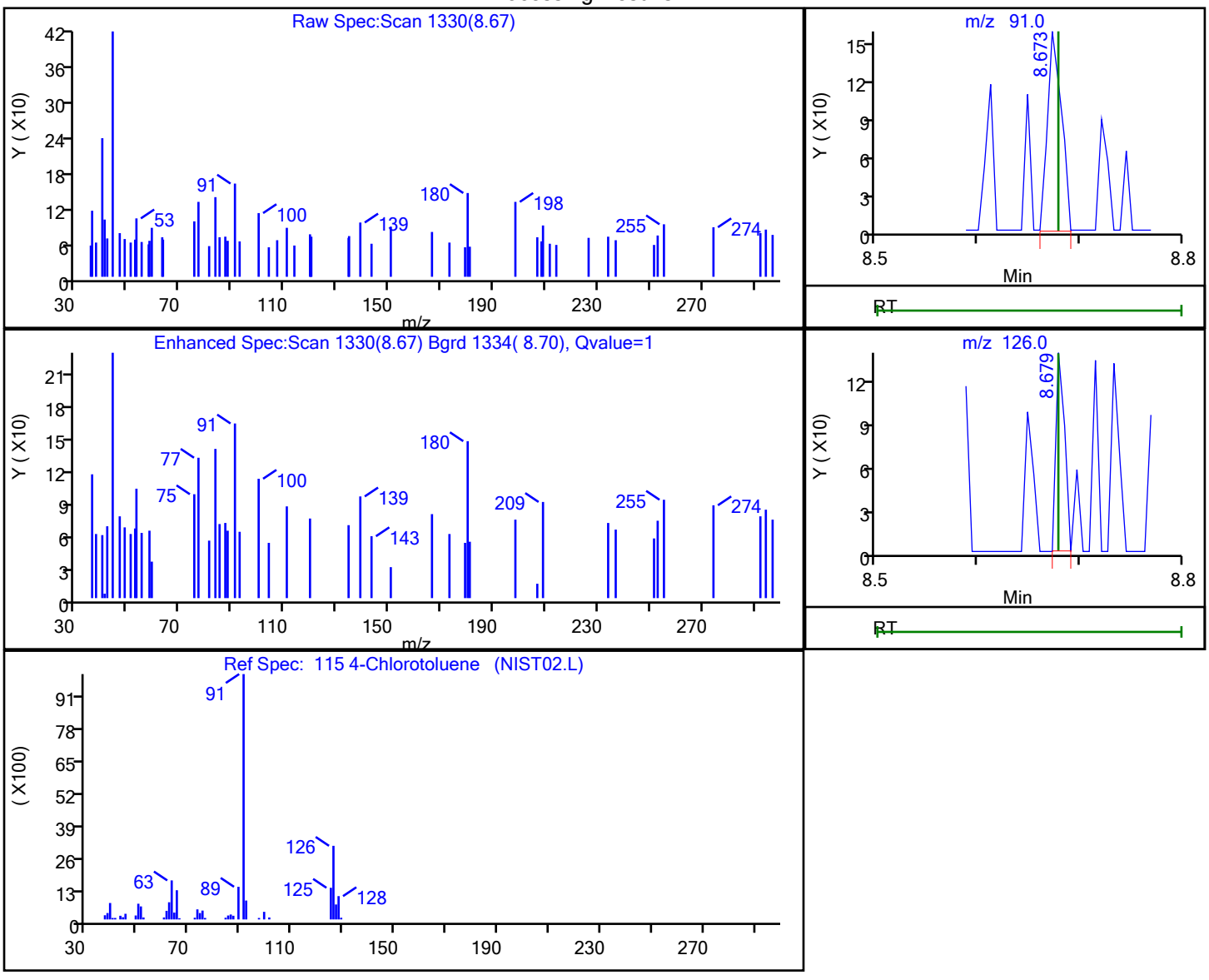
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
8.67	91.00	151	0.023856
8.68	126.00	78	

Reviewer: HVW2, 31-Oct-2023 04:55:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

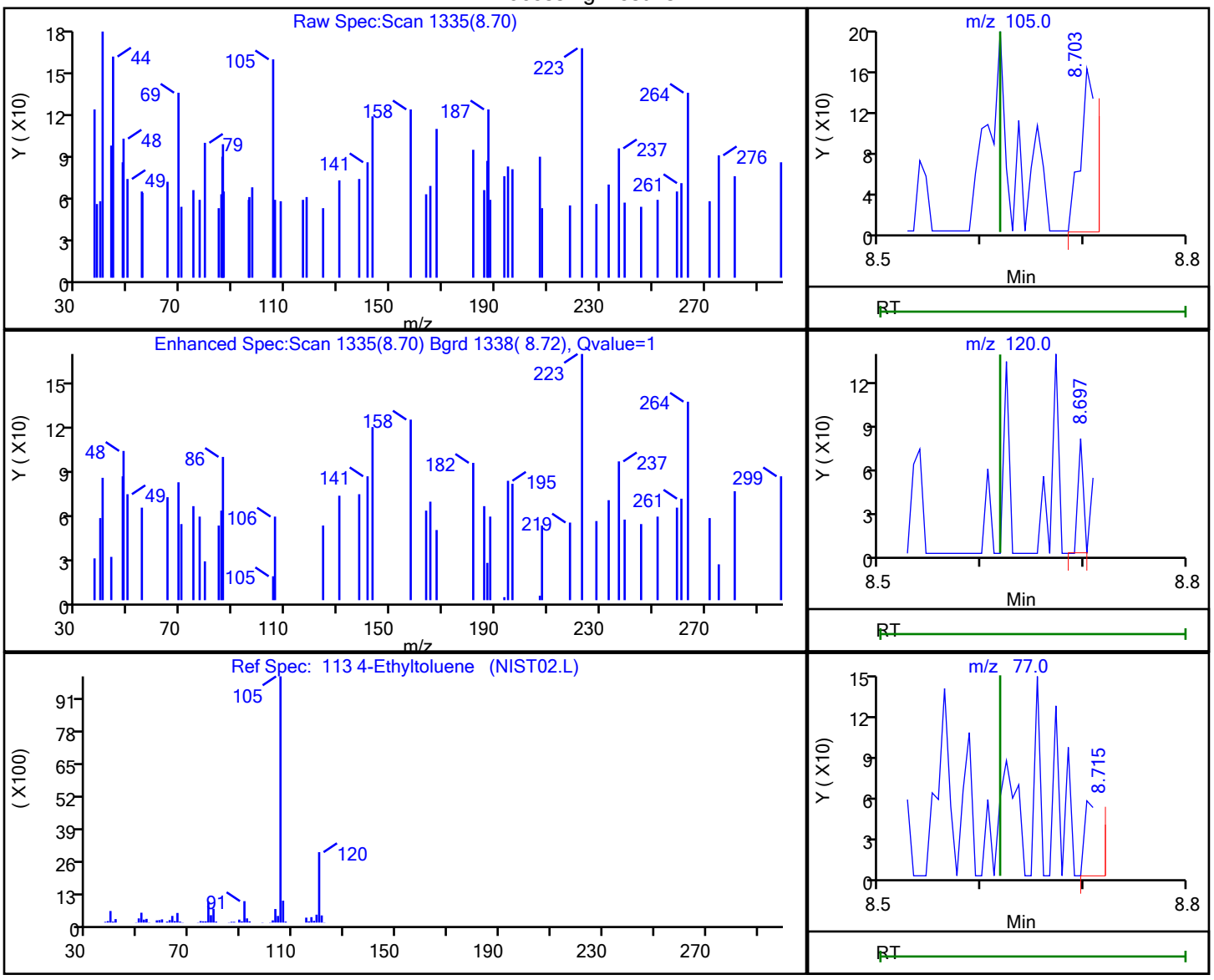
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
8.70	105.00	146	0.020040
8.70	120.00	28	
8.72	77.00	77	

Reviewer: HVW2, 31-Oct-2023 04:55:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

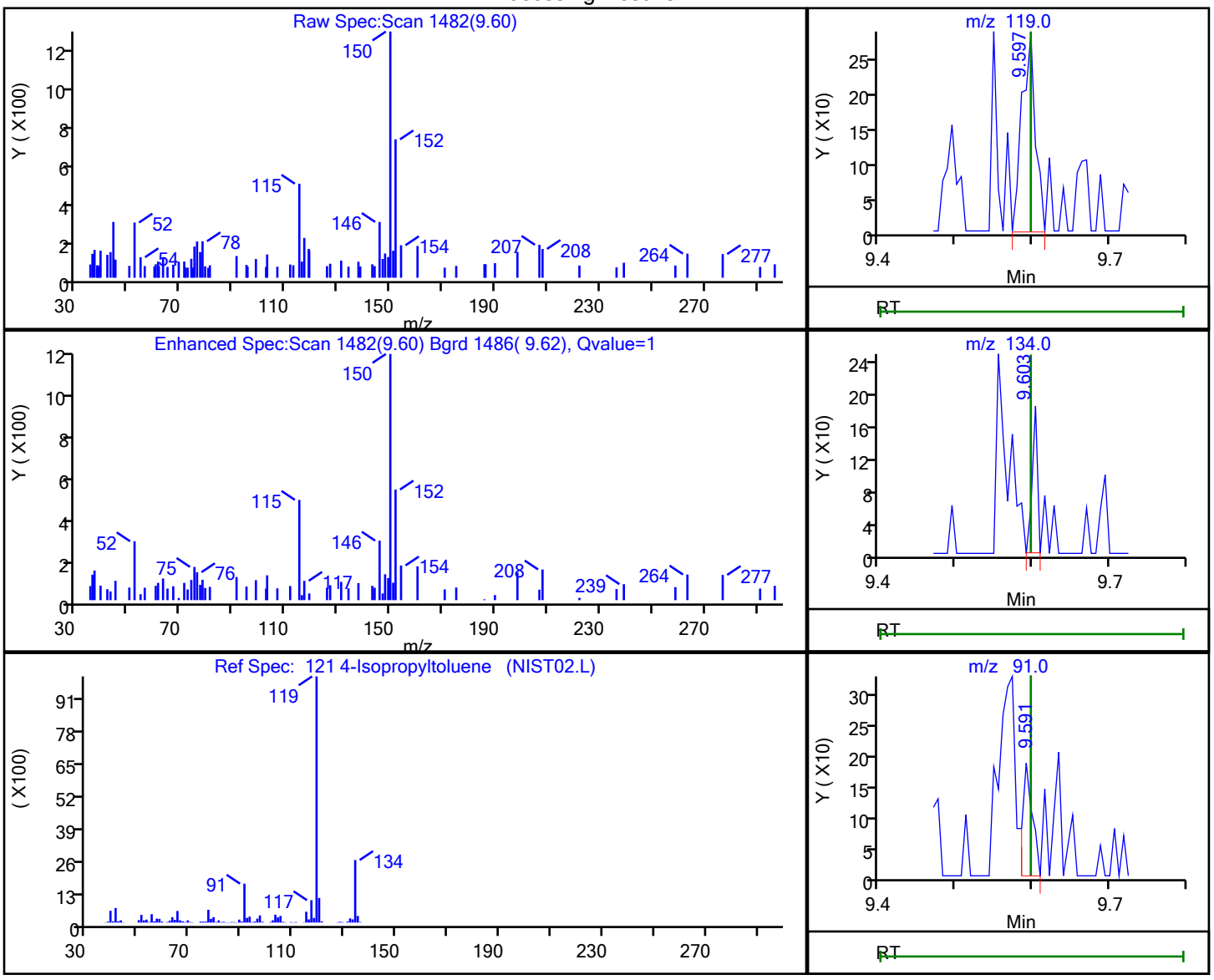
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.60	119.00	347	0.046277
9.60	134.00	85	
9.59	91.00	164	

Reviewer: HVW2, 31-Oct-2023 04:56:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

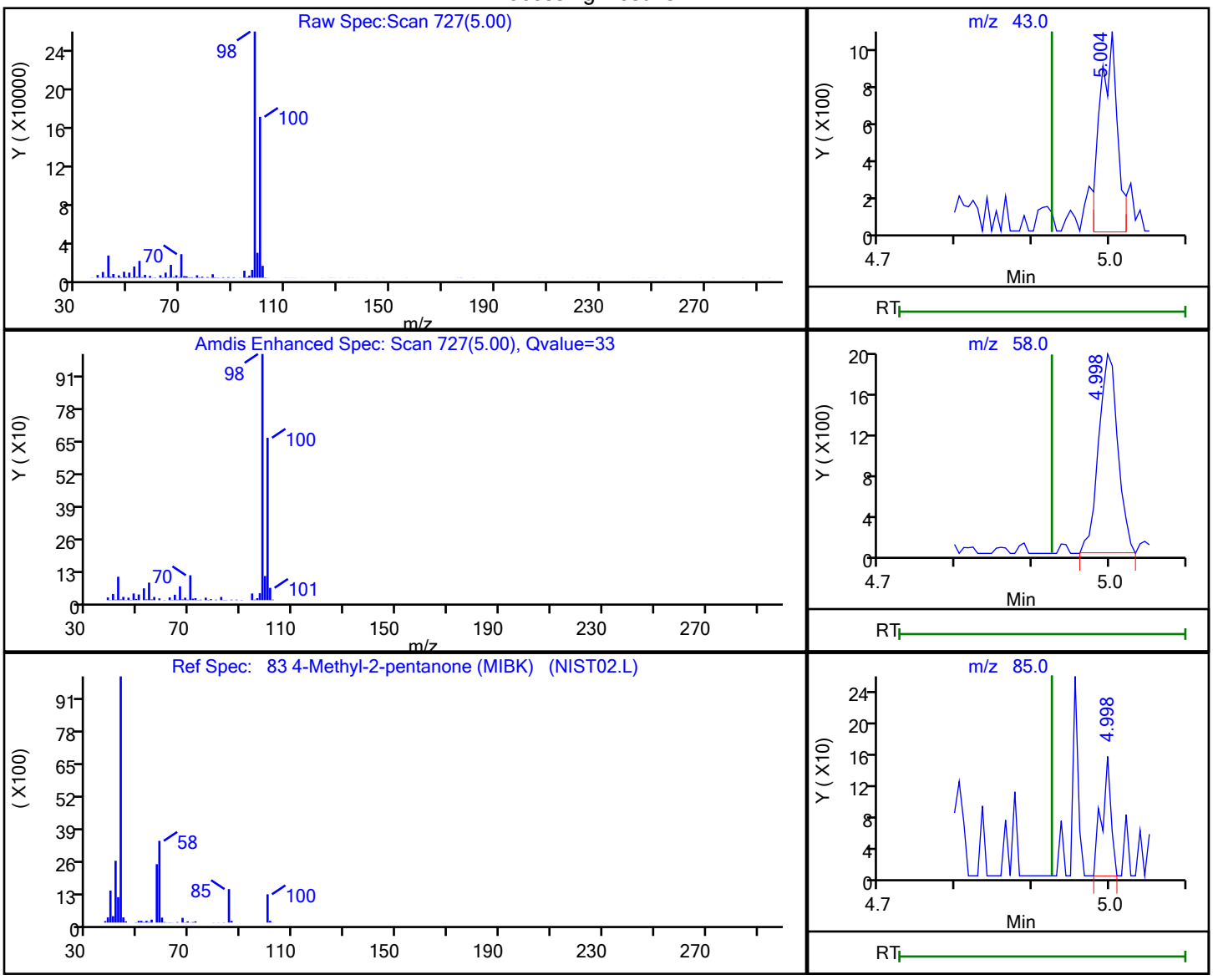
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.00	43.00	1540	0.758505
5.00	58.00	3371	
5.00	85.00	128	
5.00	100.00	290113	

Reviewer: HVW2, 31-Oct-2023 04:55:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

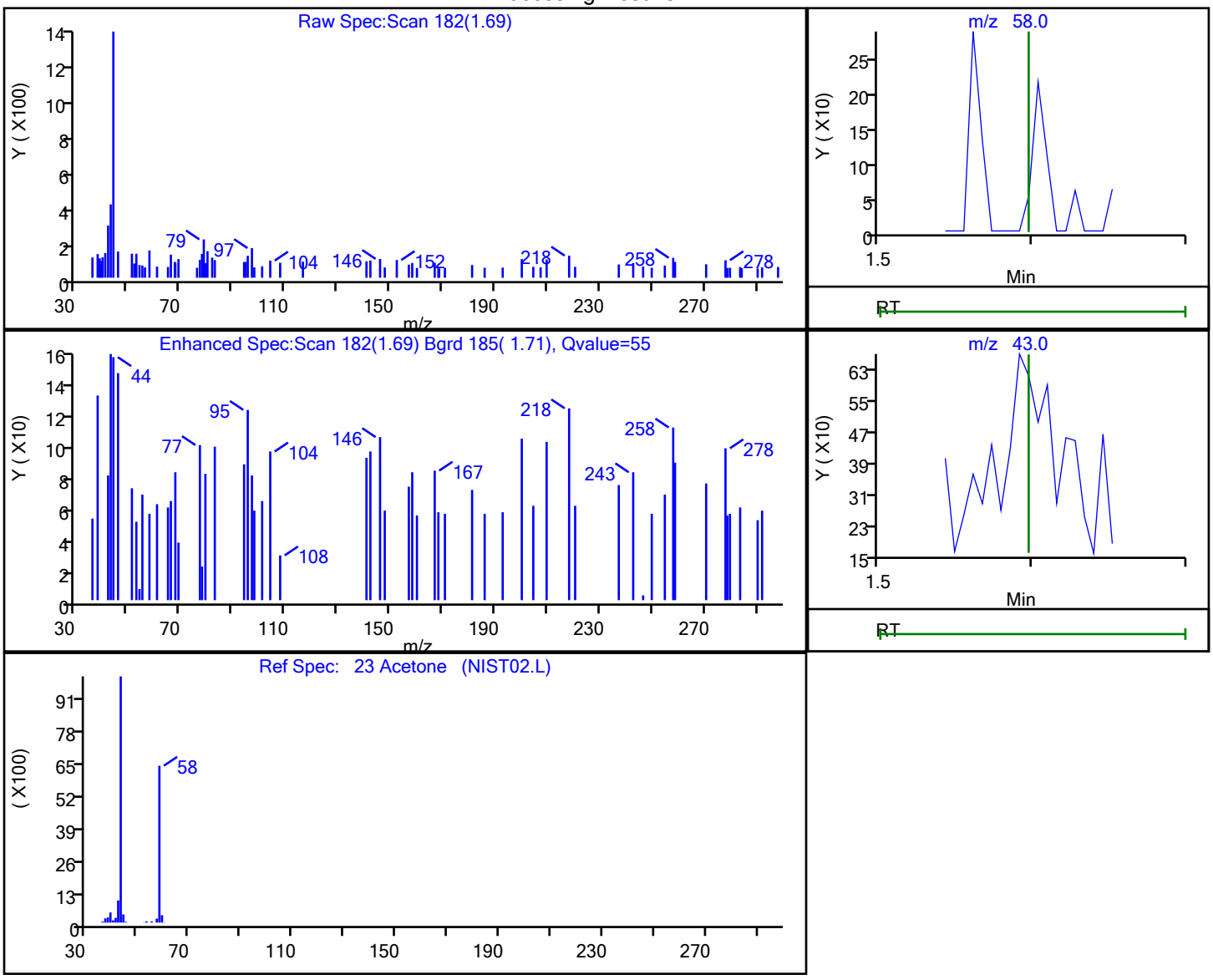
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.69	58.00	98	0.253287
1.69	43.00	449	

Reviewer: HVW2, 31-Oct-2023 04:54:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

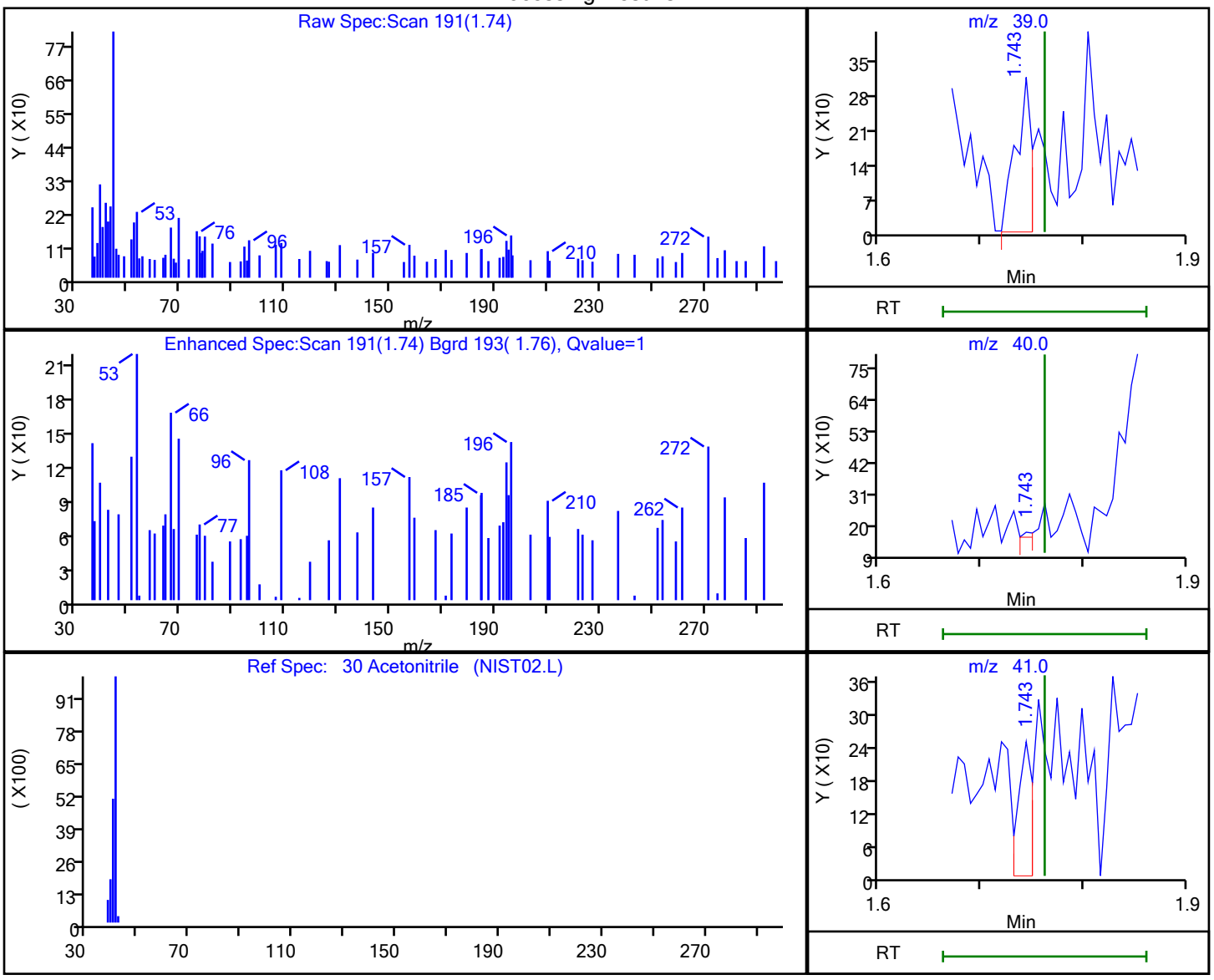
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.74	39.00	329	0.877748
1.74	40.00	11	
1.74	41.00	241	
1.73	38.00	208	

Reviewer: HVW2, 31-Oct-2023 04:54:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

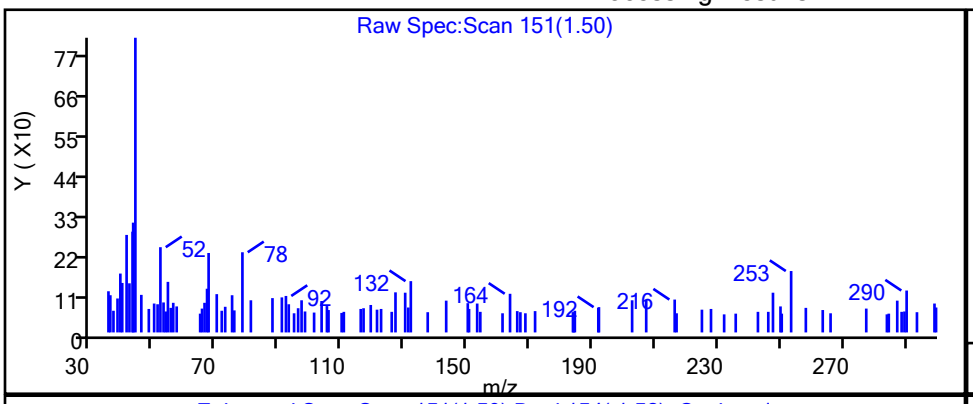
User Disabled Compound Report

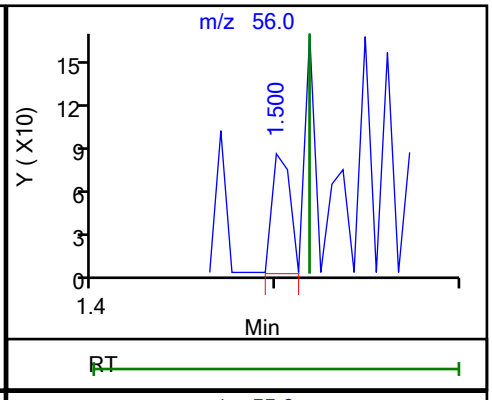
Eurofins Edison

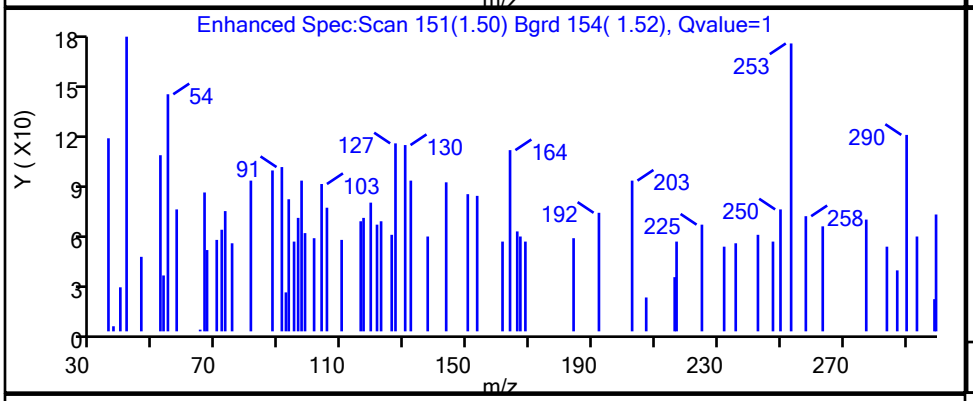
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

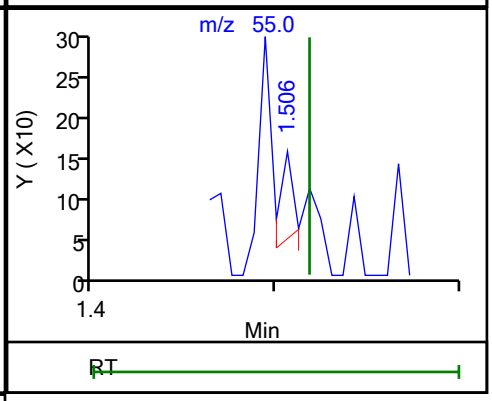
20 Acrolein, CAS: 107-02-8

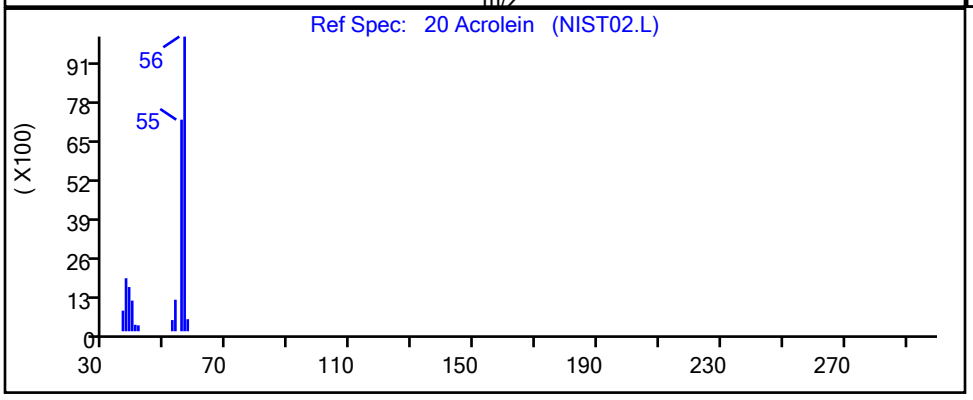
Processing Results











RT	Mass	Response	Amount
1.50	56.00	56	0.133484
1.51	55.00	51	

Reviewer: HVW2, 31-Oct-2023 04:54:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

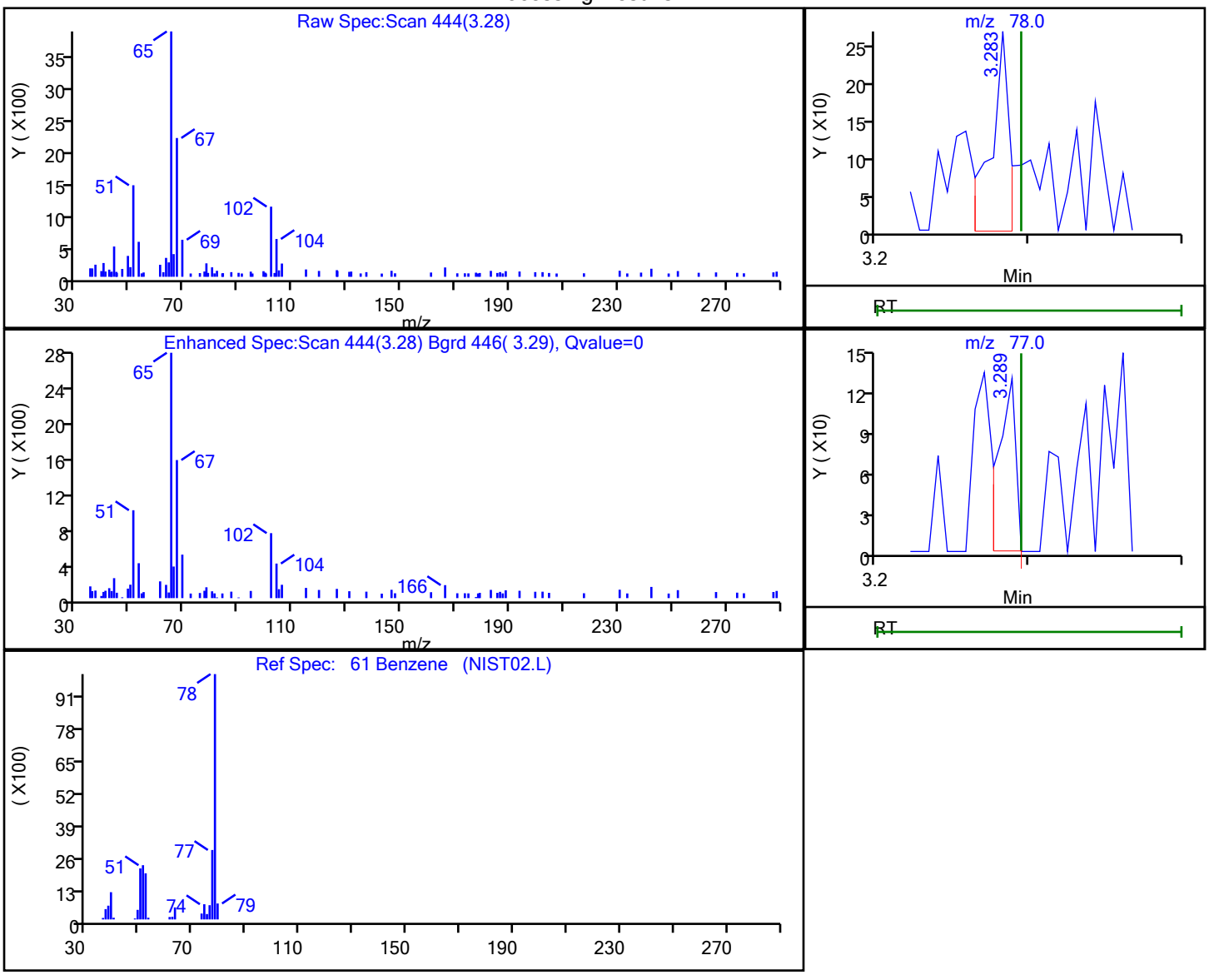
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

61 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.28	78.00	225	0.019662
3.29	77.00	97	

Reviewer: HVW2, 31-Oct-2023 04:55:21 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

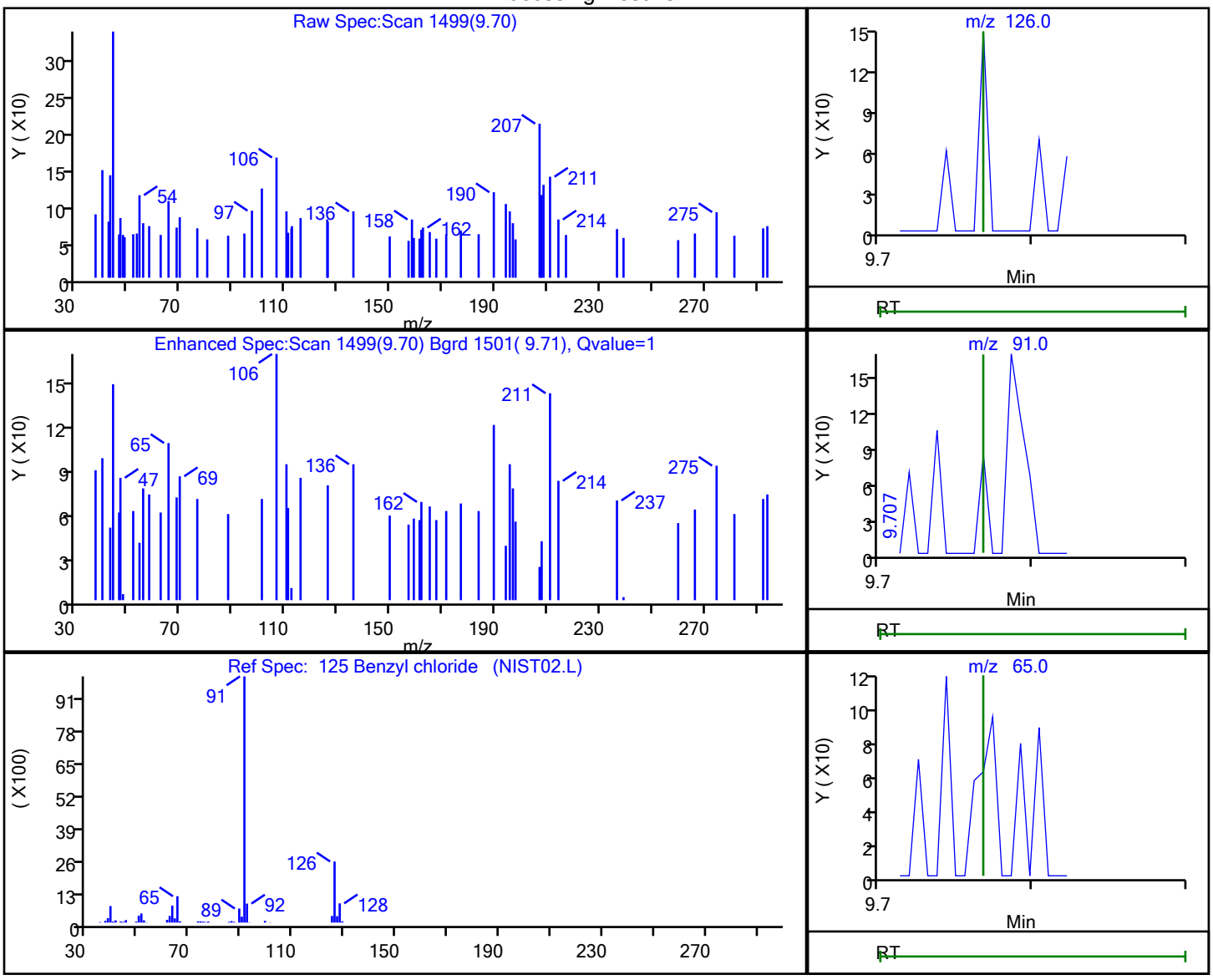
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
9.70	126.00	79	0.080466
9.71	91.00	28	
9.70	65.00	78	

Reviewer: HVW2, 31-Oct-2023 04:56:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

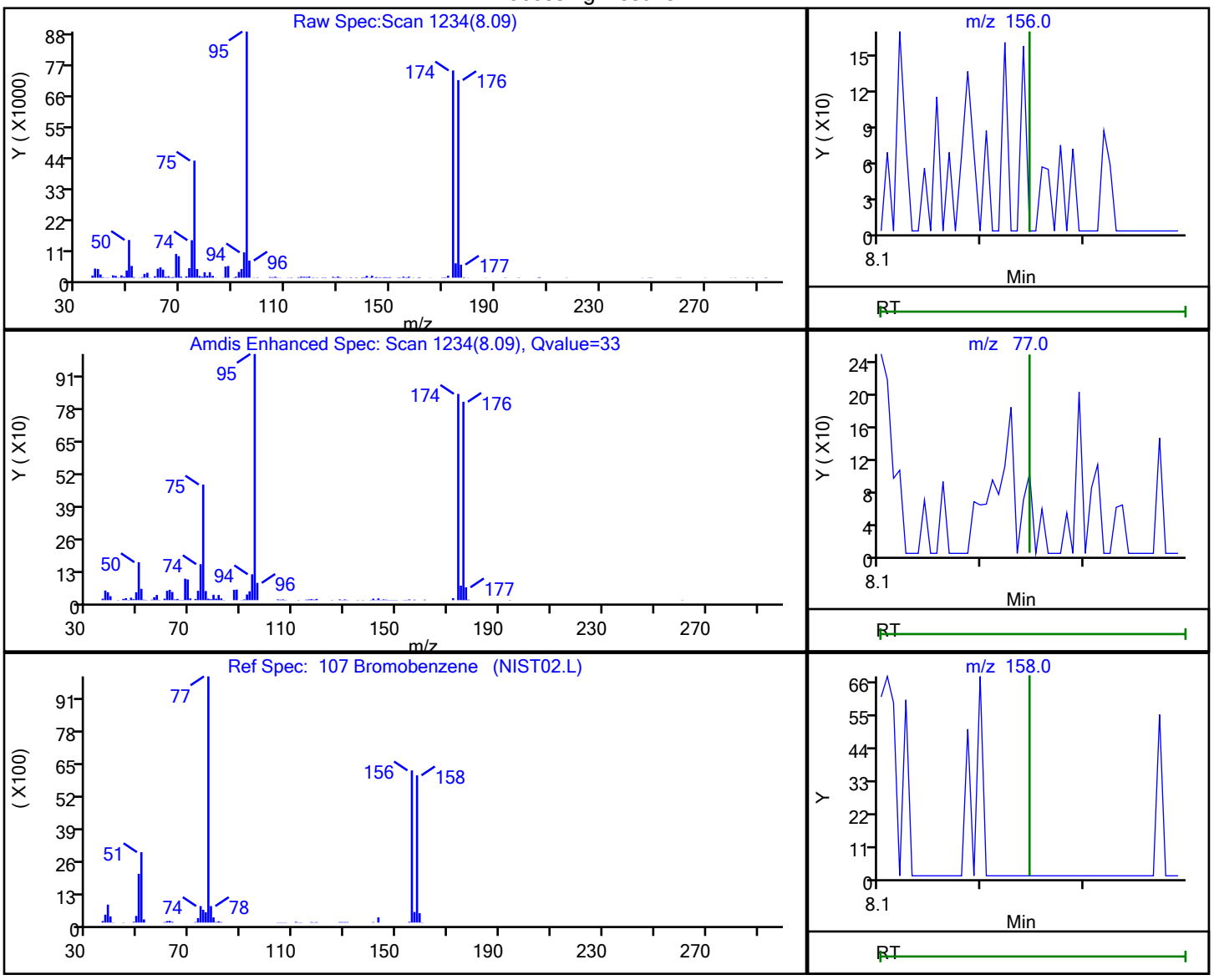
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.09	156.00	218	0.082166
8.09	77.00	1022	
8.09	158.00	134	

Reviewer: HVW2, 31-Oct-2023 04:55:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

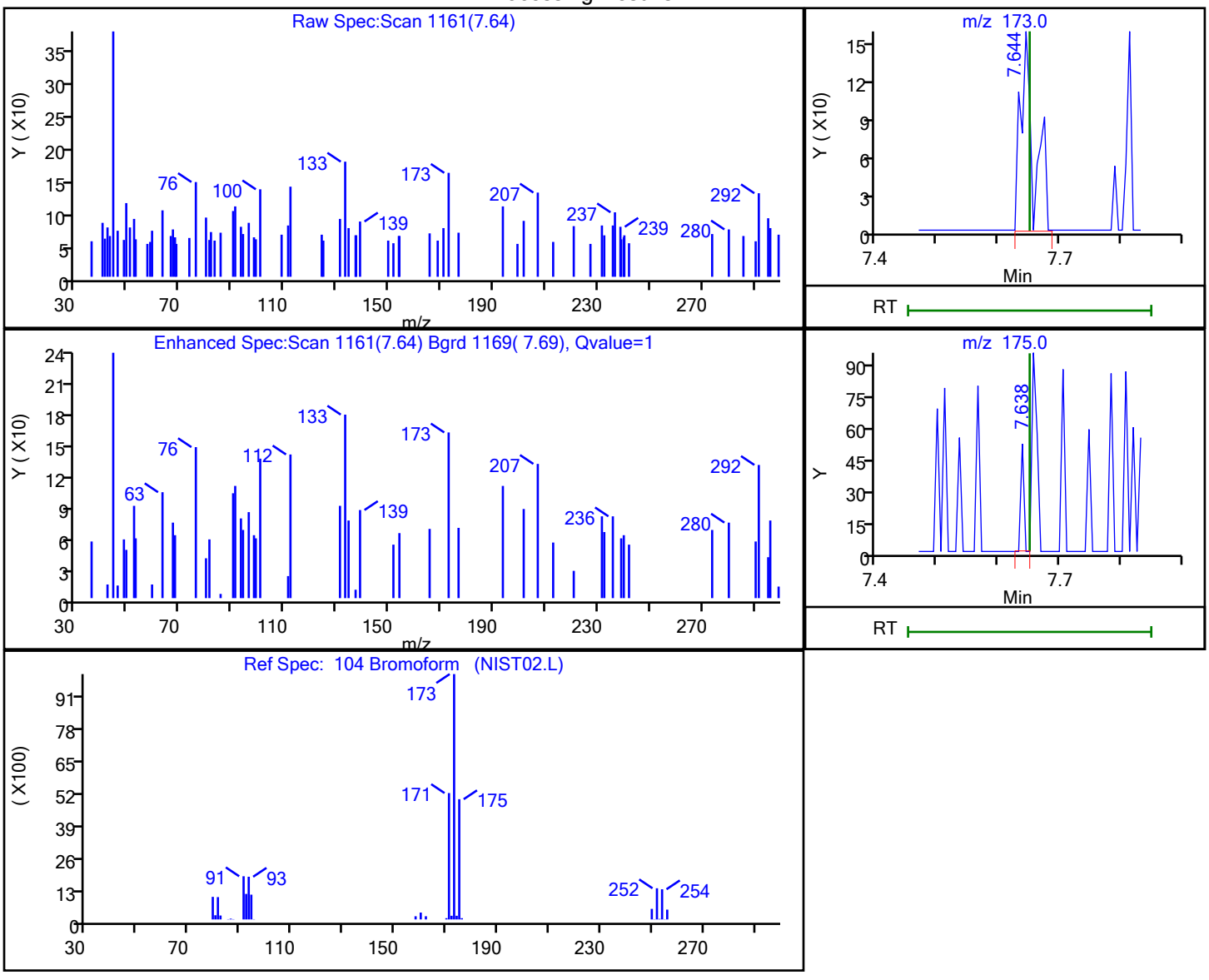
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
7.64	173.00	240	0.146006
7.64	175.00	19	

Reviewer: HVW2, 31-Oct-2023 04:55:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

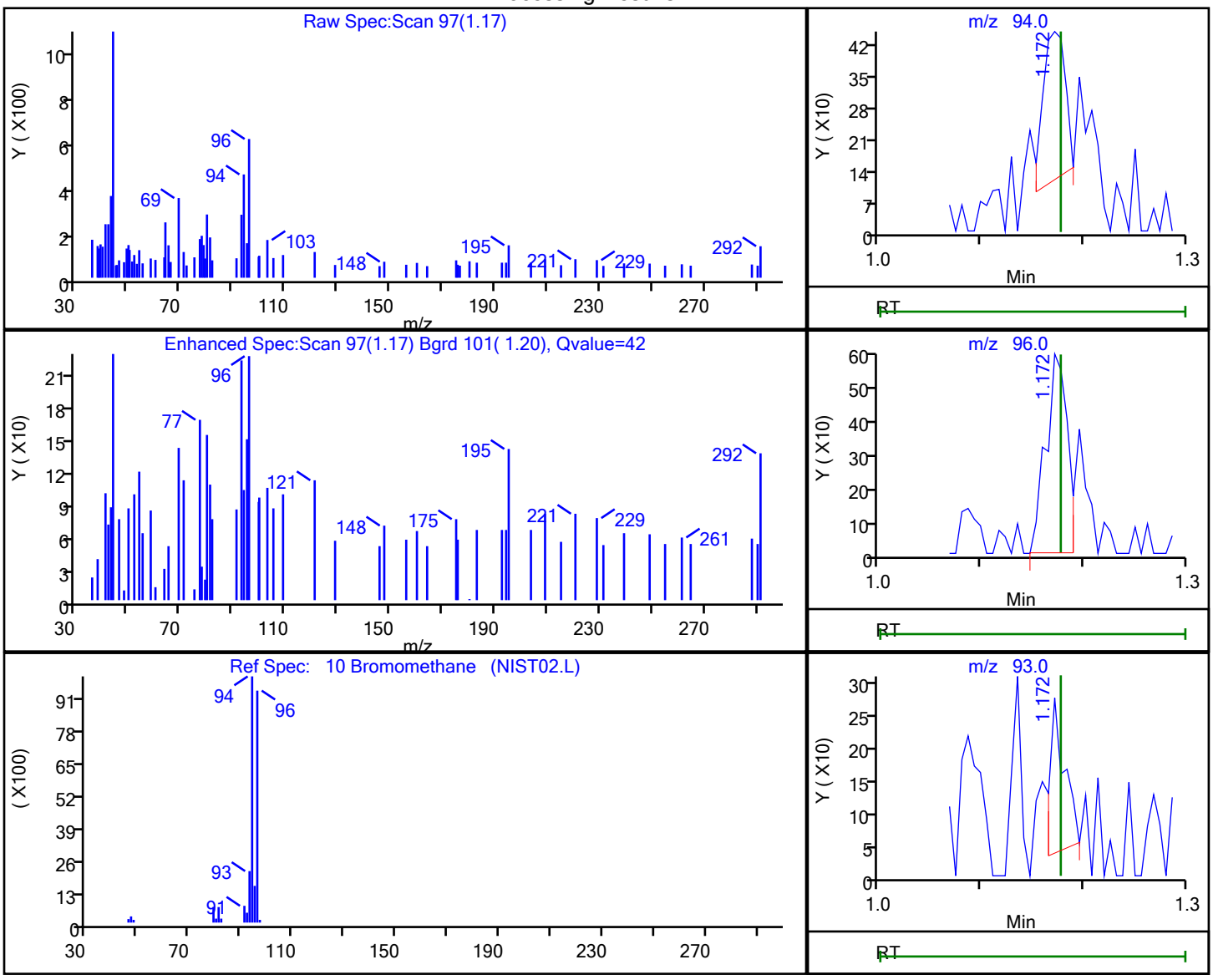
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.17	94.00	508	0.250000
1.17	96.00	892	
1.17	93.00	237	

Reviewer: HVW2, 31-Oct-2023 04:03:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

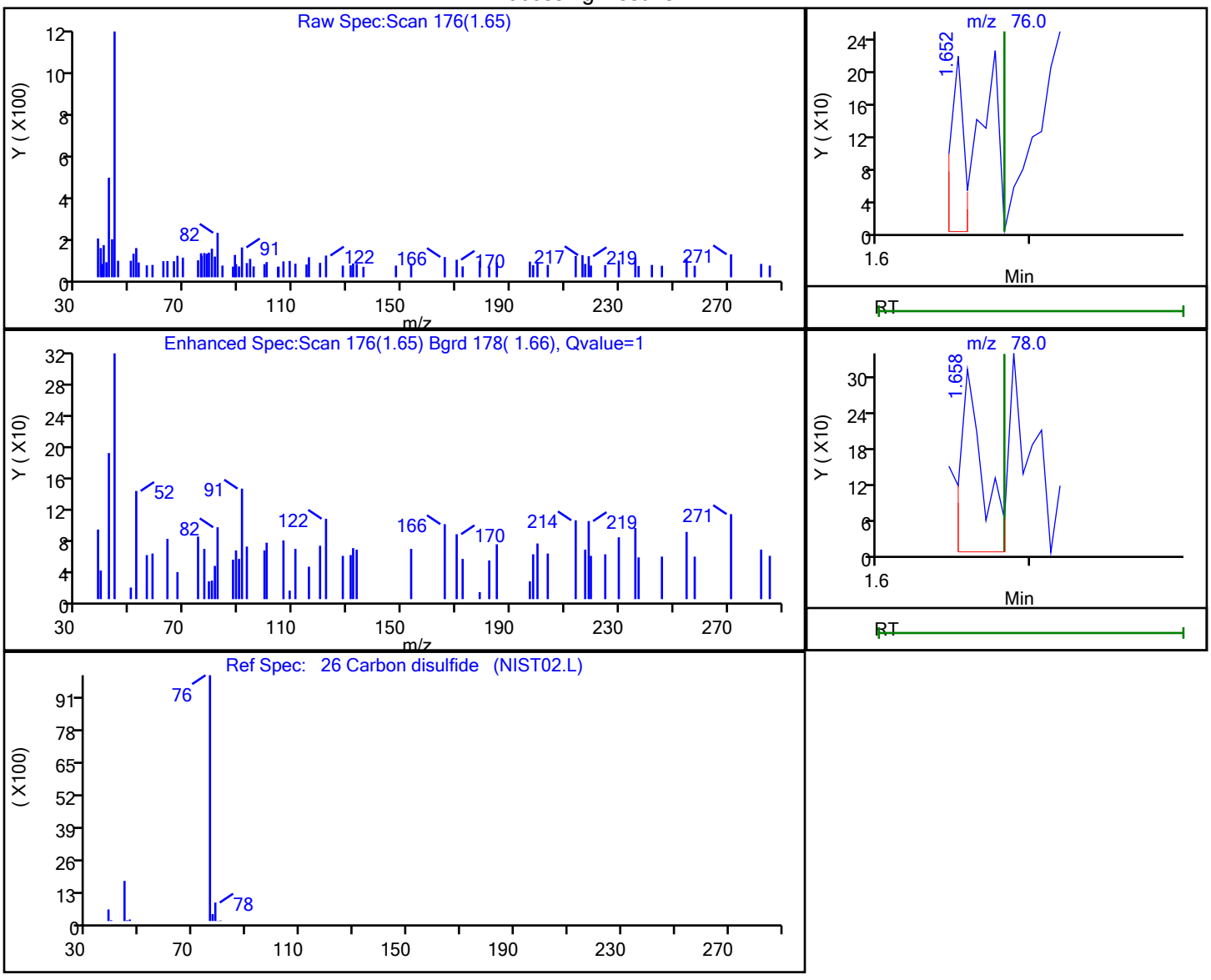
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.65	76.00	133	0.008107
1.66	78.00	315	

Reviewer: HVW2, 31-Oct-2023 04:54:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

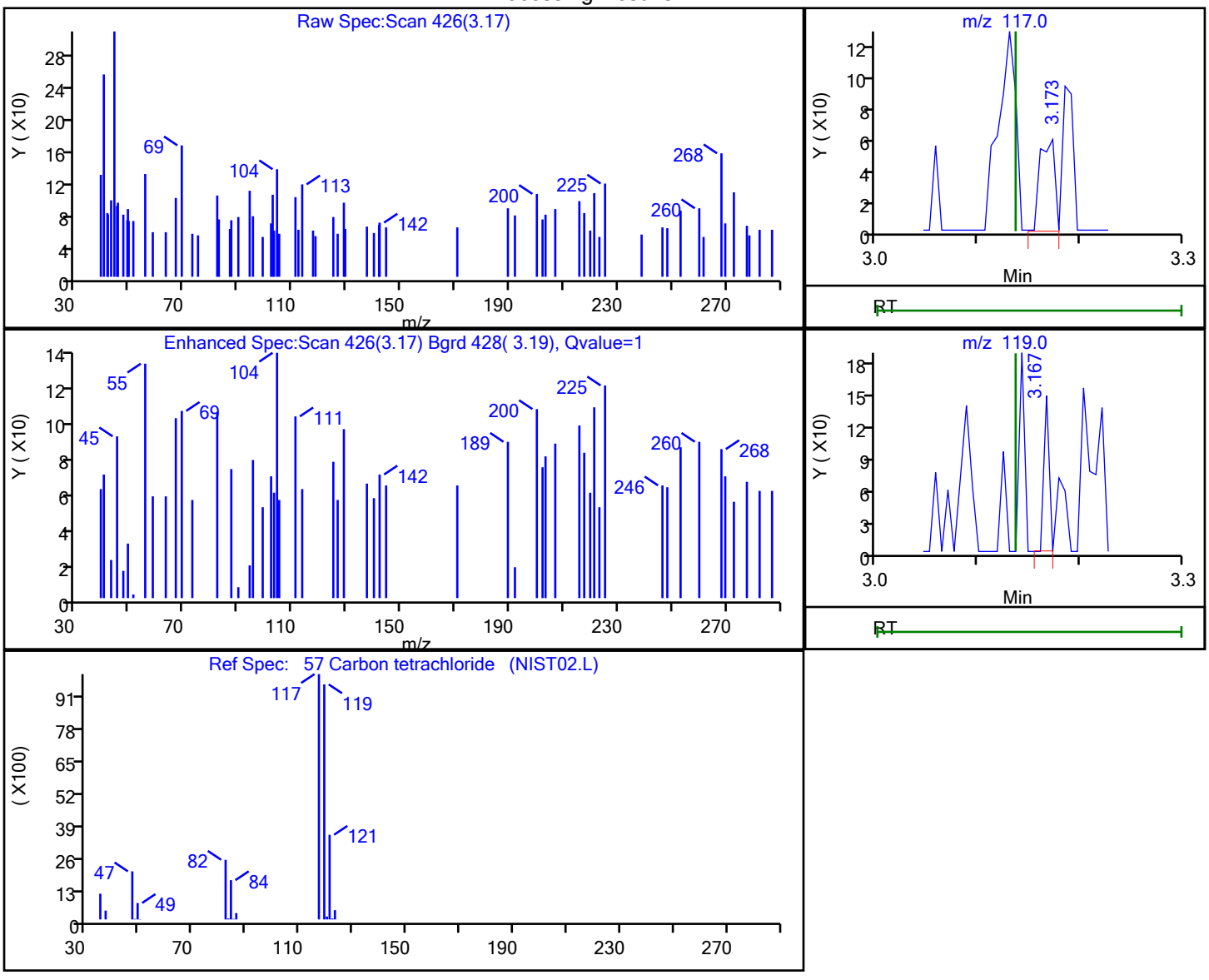
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Carbon tetrachloride, CAS: 56-23-5

Processing Results



RT	Mass	Response	Amount
3.17	117.00	58	0.012554
3.17	119.00	52	

Reviewer: HVW2, 31-Oct-2023 04:55:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

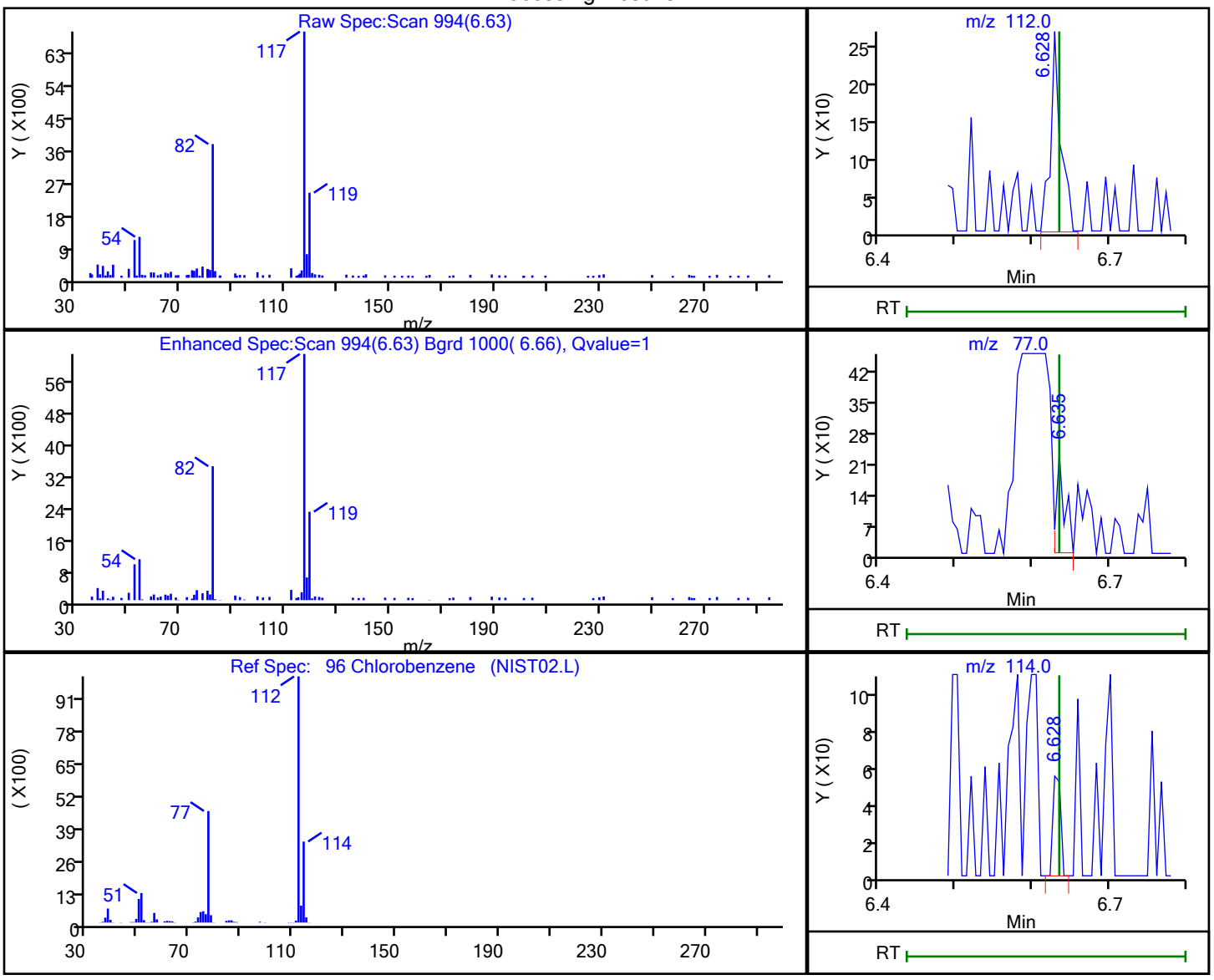
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

96 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
6.63	112.00	242	0.033491
6.63	77.00	174	
6.63	114.00	38	

Reviewer: HVW2, 31-Oct-2023 04:55:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

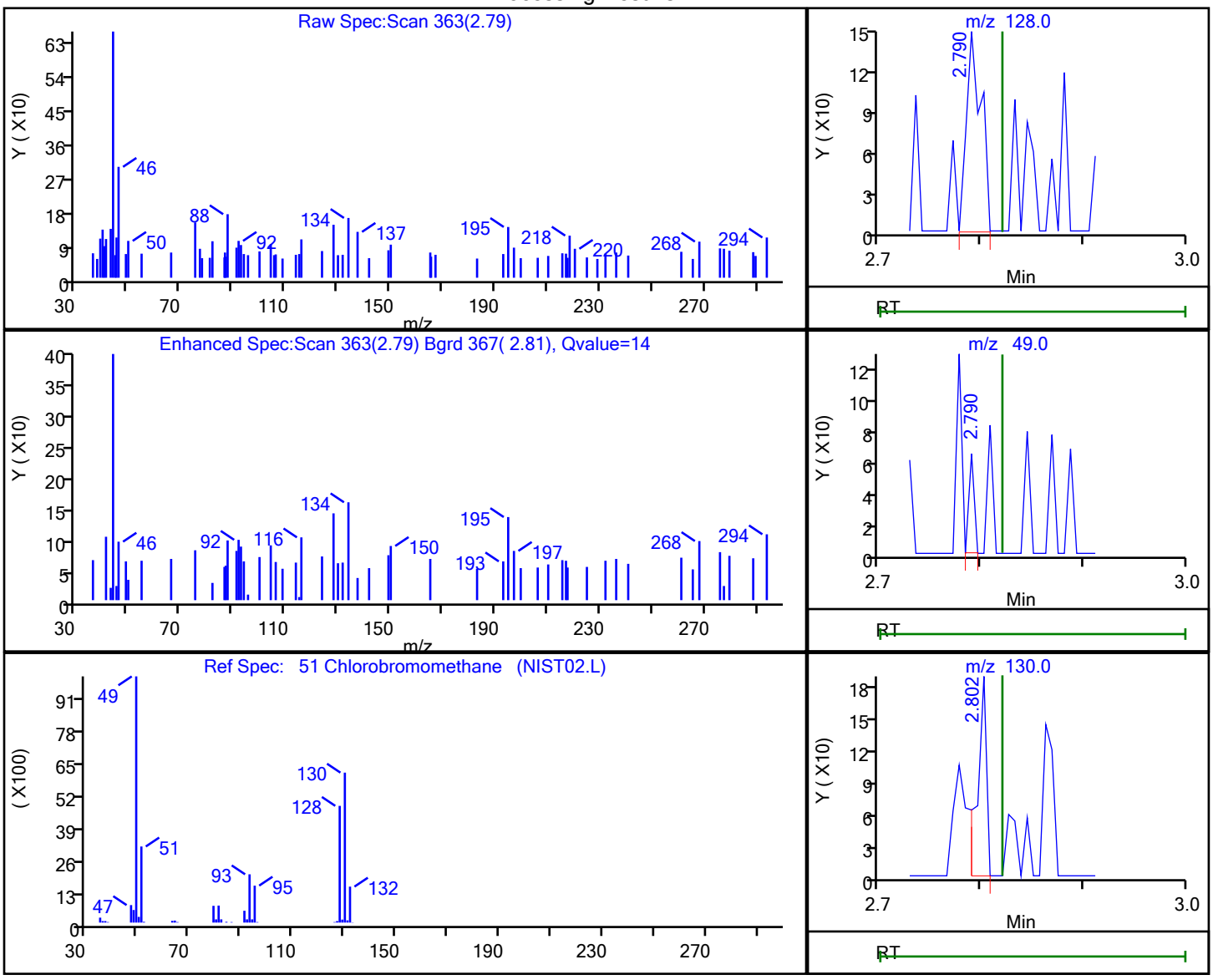
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

51 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
2.79	128.00	142	0.067407
2.79	49.00	23	
2.80	130.00	112	

Reviewer: HVW2, 31-Oct-2023 04:55:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

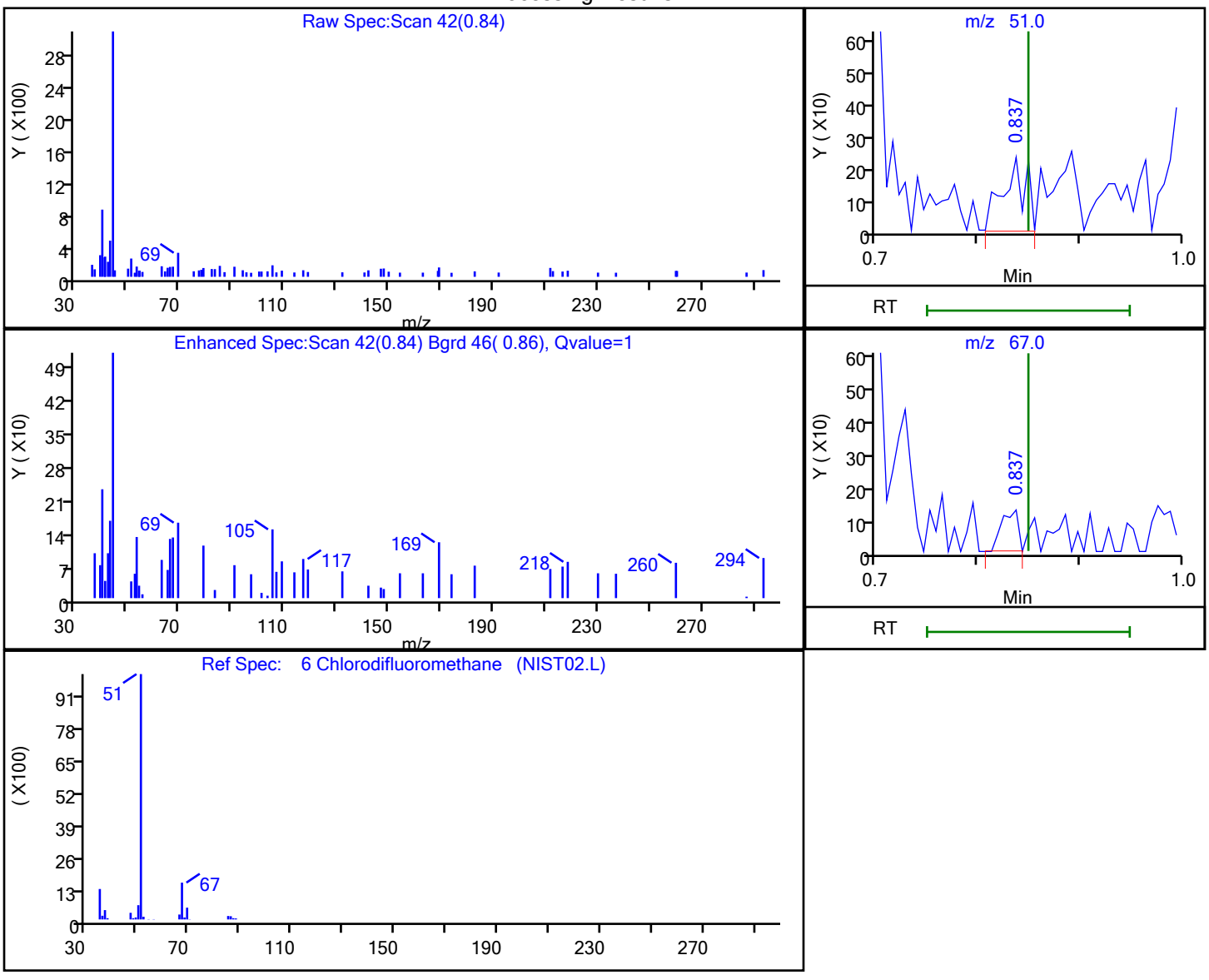
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.84	51.00	354	1.018919
0.84	67.00	144	

Reviewer: HVW2, 31-Oct-2023 04:54:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

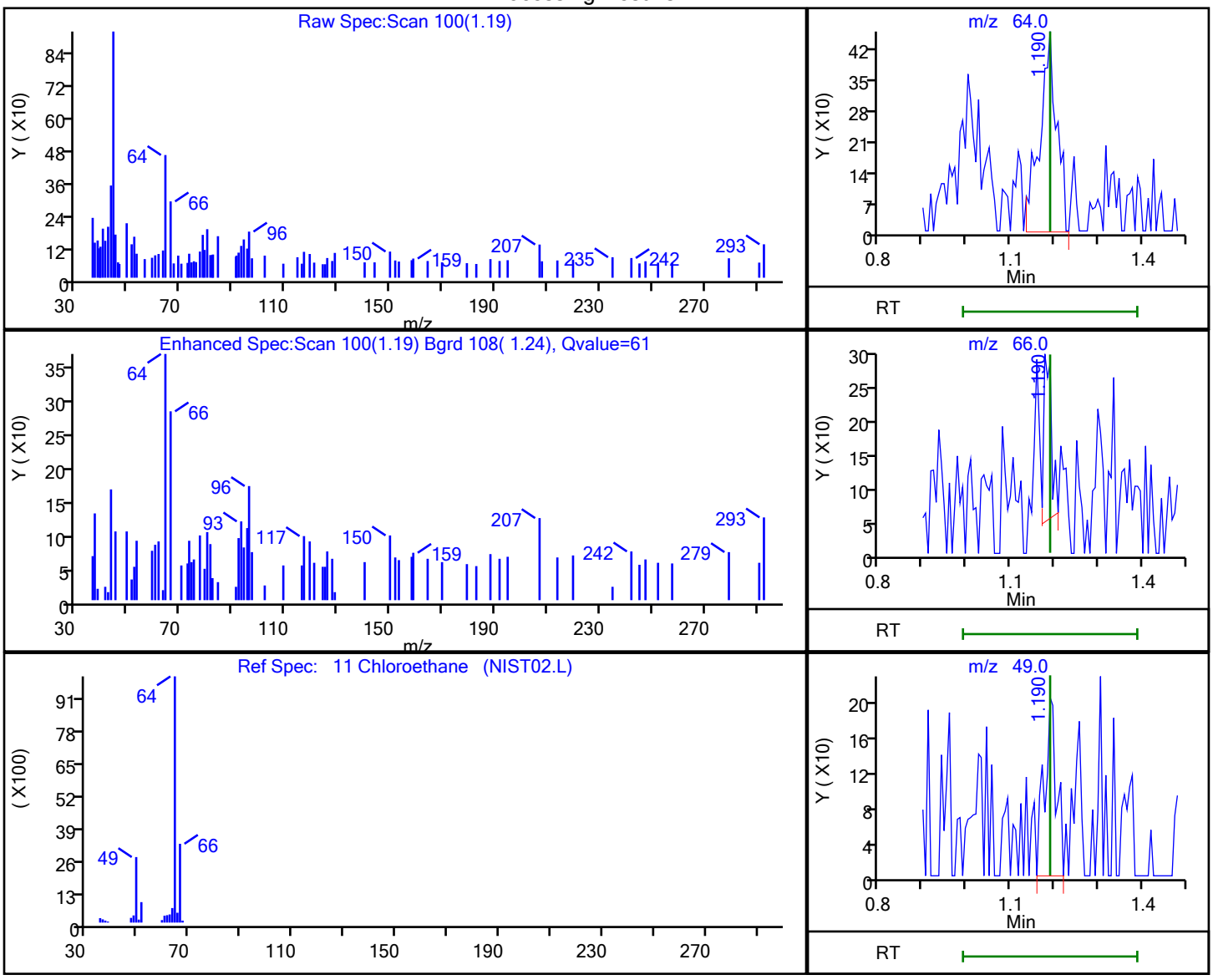
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.19	64.00	1223	0.250000
1.19	66.00	301	
1.19	49.00	387	

Reviewer: HVW2, 31-Oct-2023 04:03:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

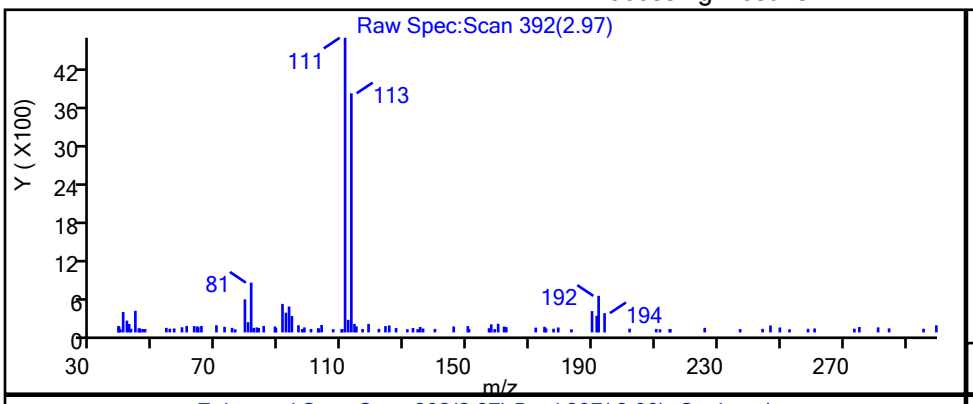
User Disabled Compound Report

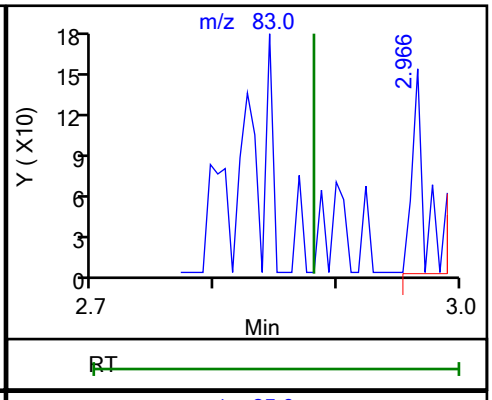
Eurofins Edison

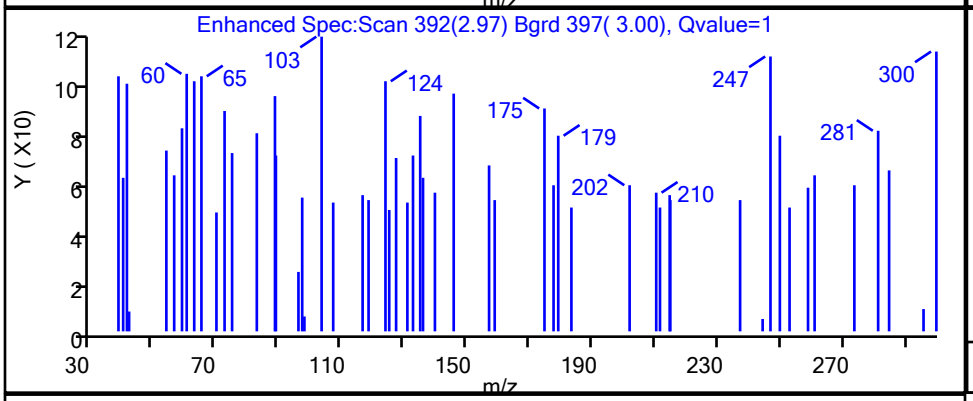
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

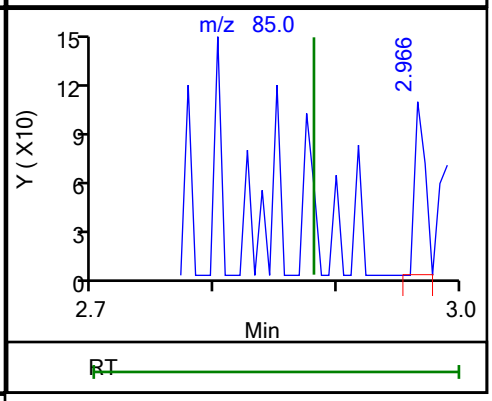
53 Chloroform, CAS: 67-66-3

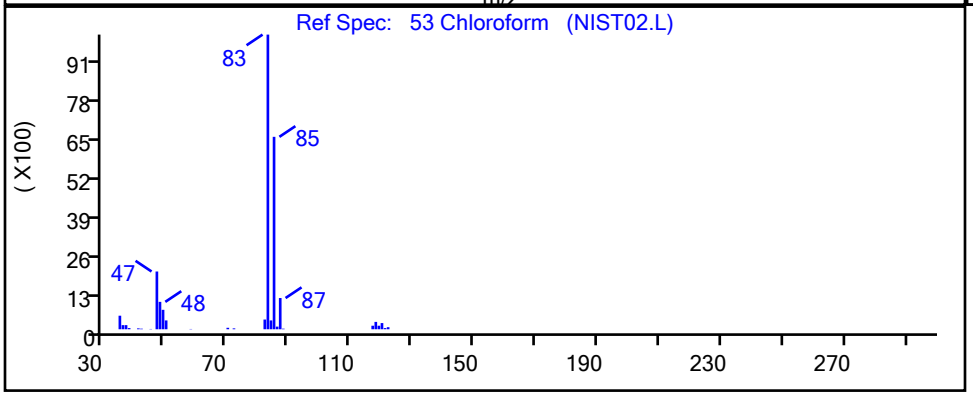
Processing Results











RT	Mass	Response	Amount
2.97	83.00	120	0.021662
2.97	85.00	62	

Reviewer: HVW2, 31-Oct-2023 04:55:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

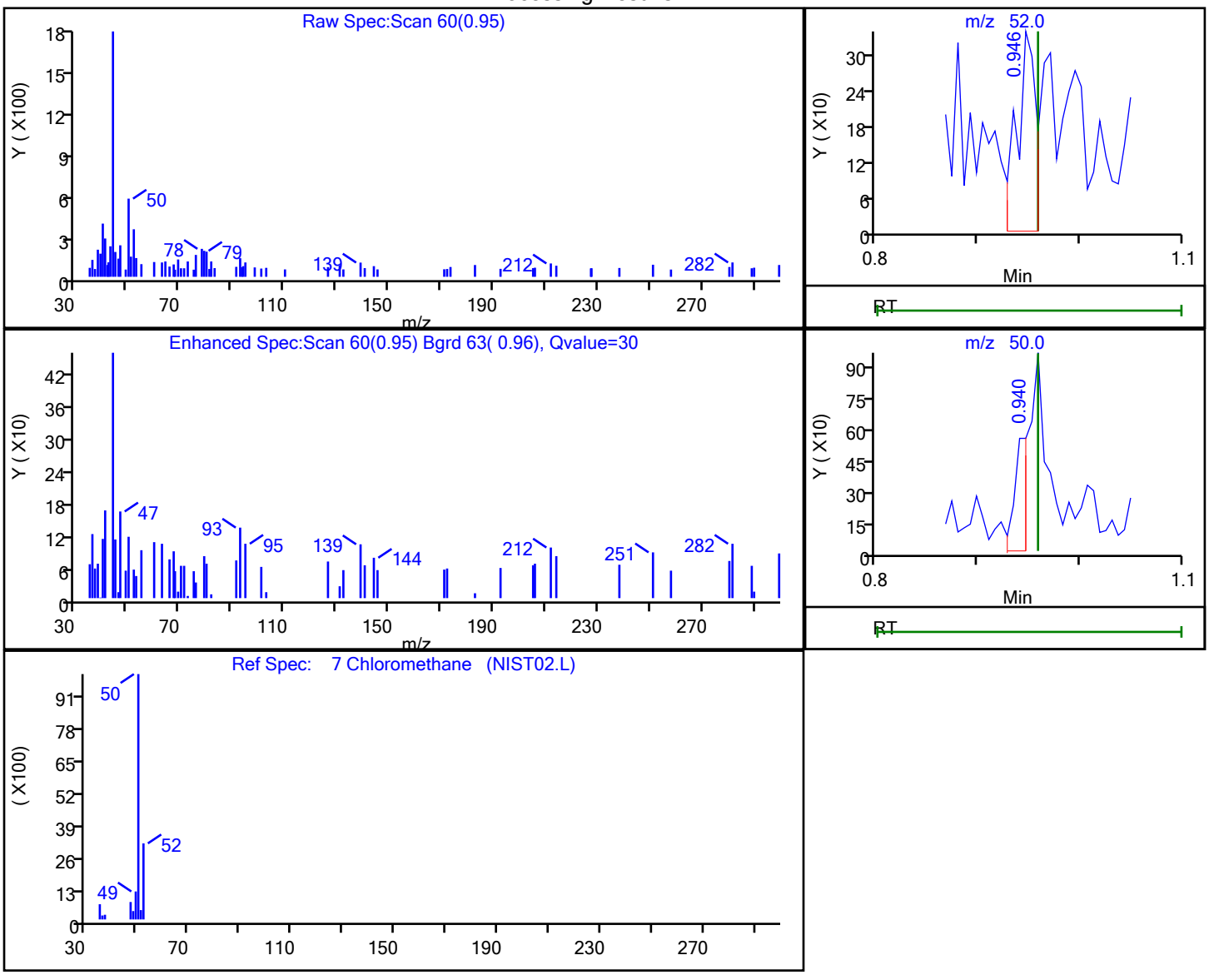
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.95	52.00	438	0.250000
0.94	50.00	512	

Reviewer: HVW2, 31-Oct-2023 04:03:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

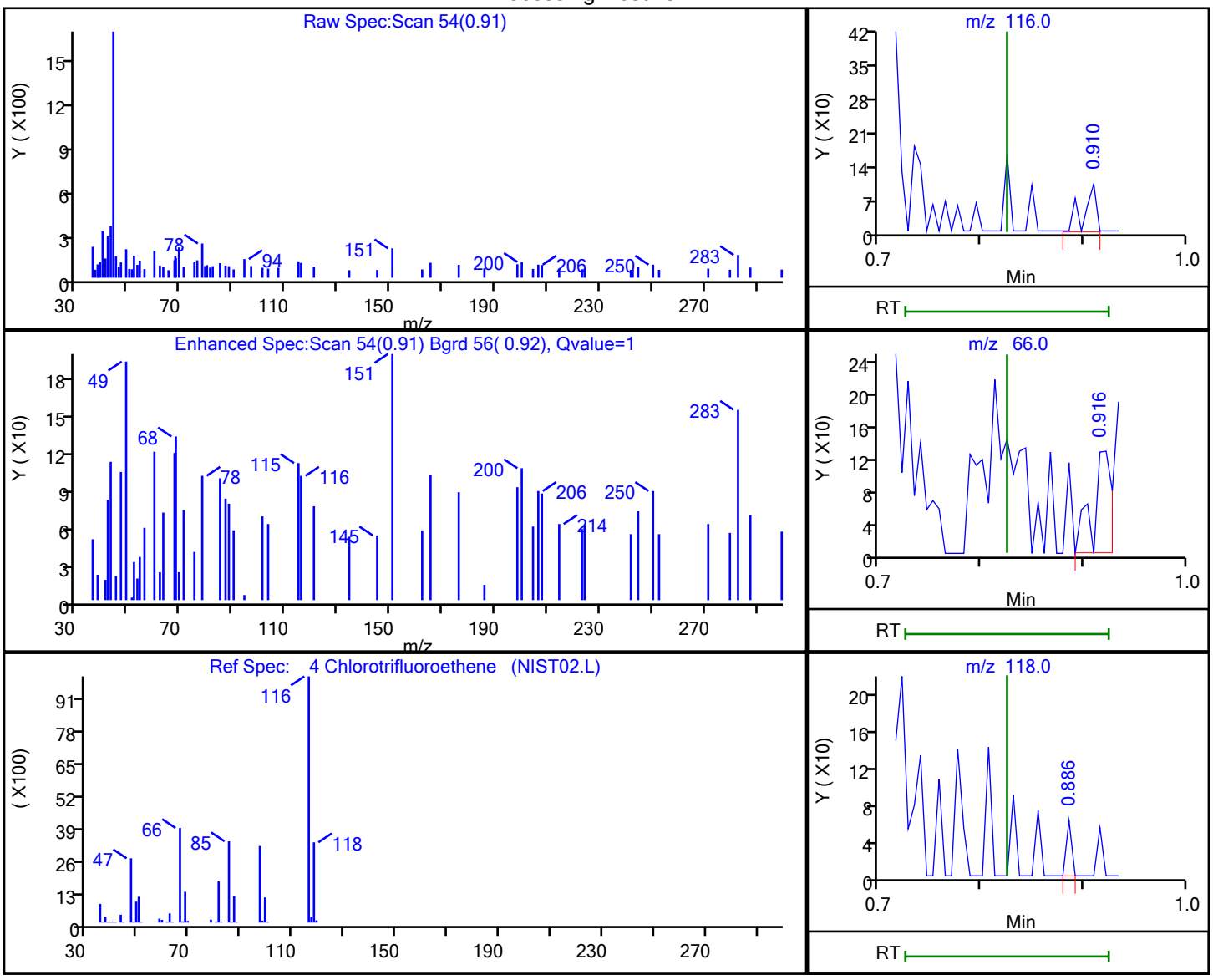
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.91	116.00	80	0.051012
0.92	66.00	159	
0.89	118.00	22	

Reviewer: HVW2, 31-Oct-2023 04:54:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

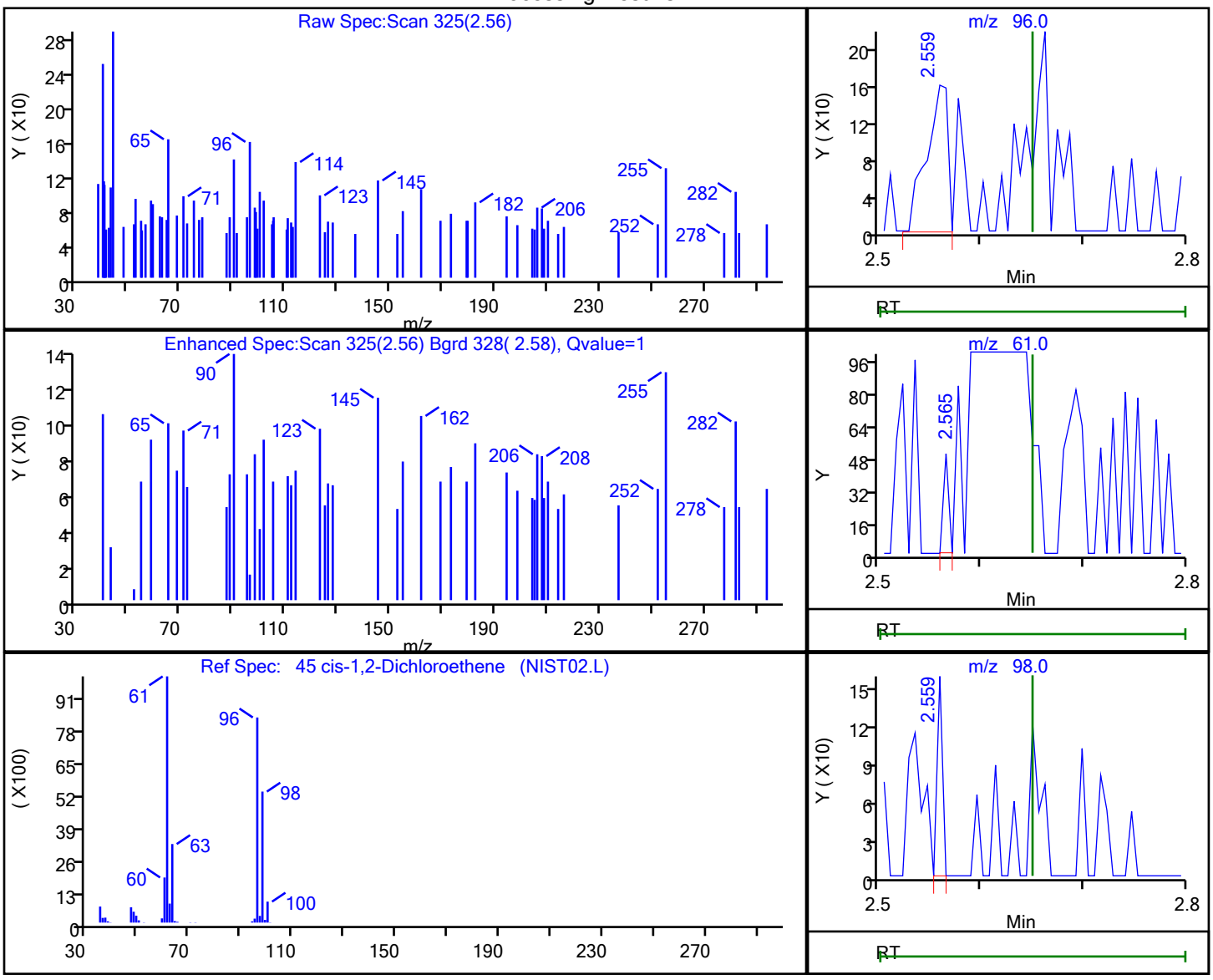
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.56	96.00	224	0.058579
2.56	61.00	18	
2.56	98.00	57	

Reviewer: HVW2, 31-Oct-2023 04:55:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

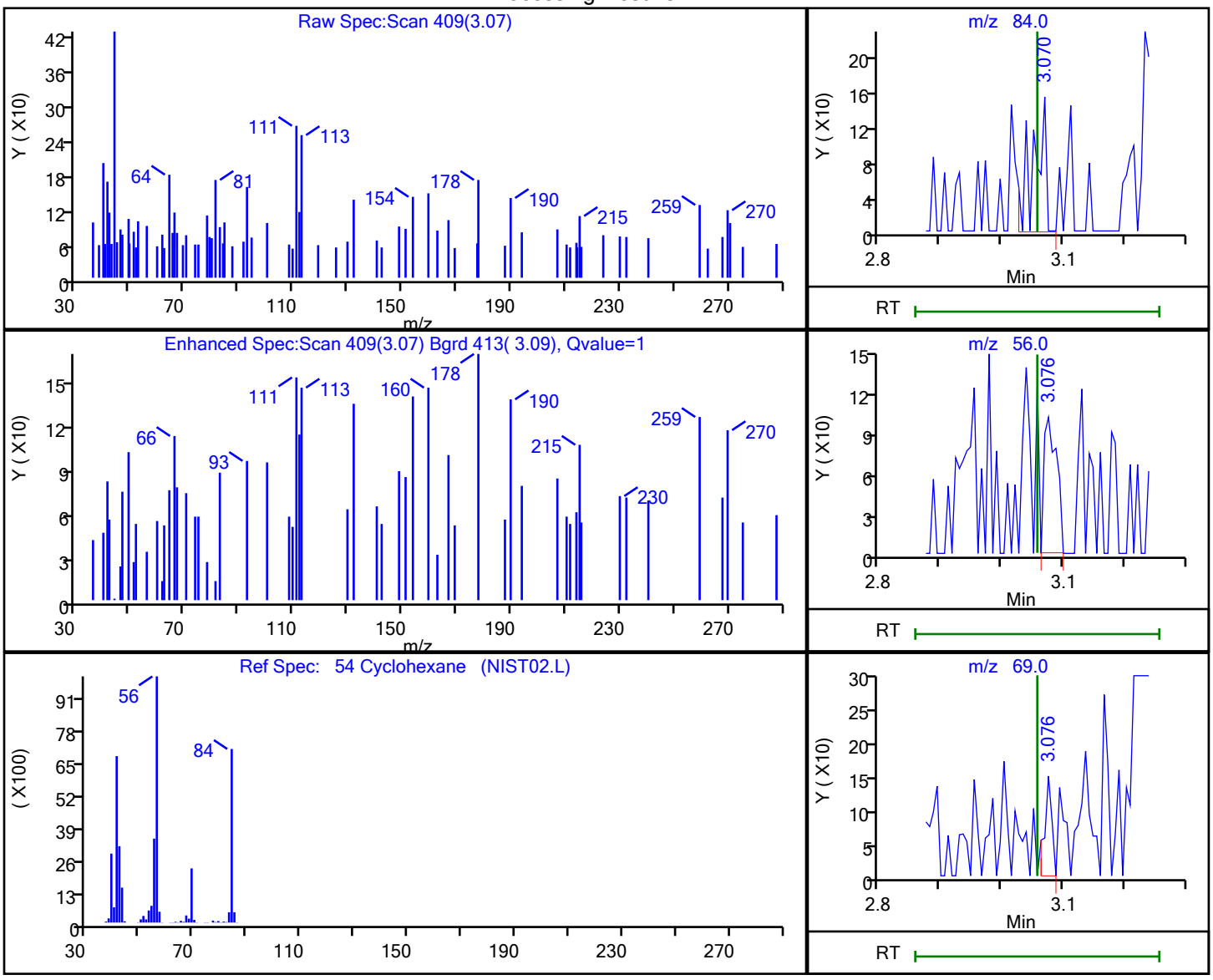
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.07	84.00	214	0.050736
3.08	56.00	146	
3.08	69.00	123	

Reviewer: HVW2, 31-Oct-2023 04:55:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

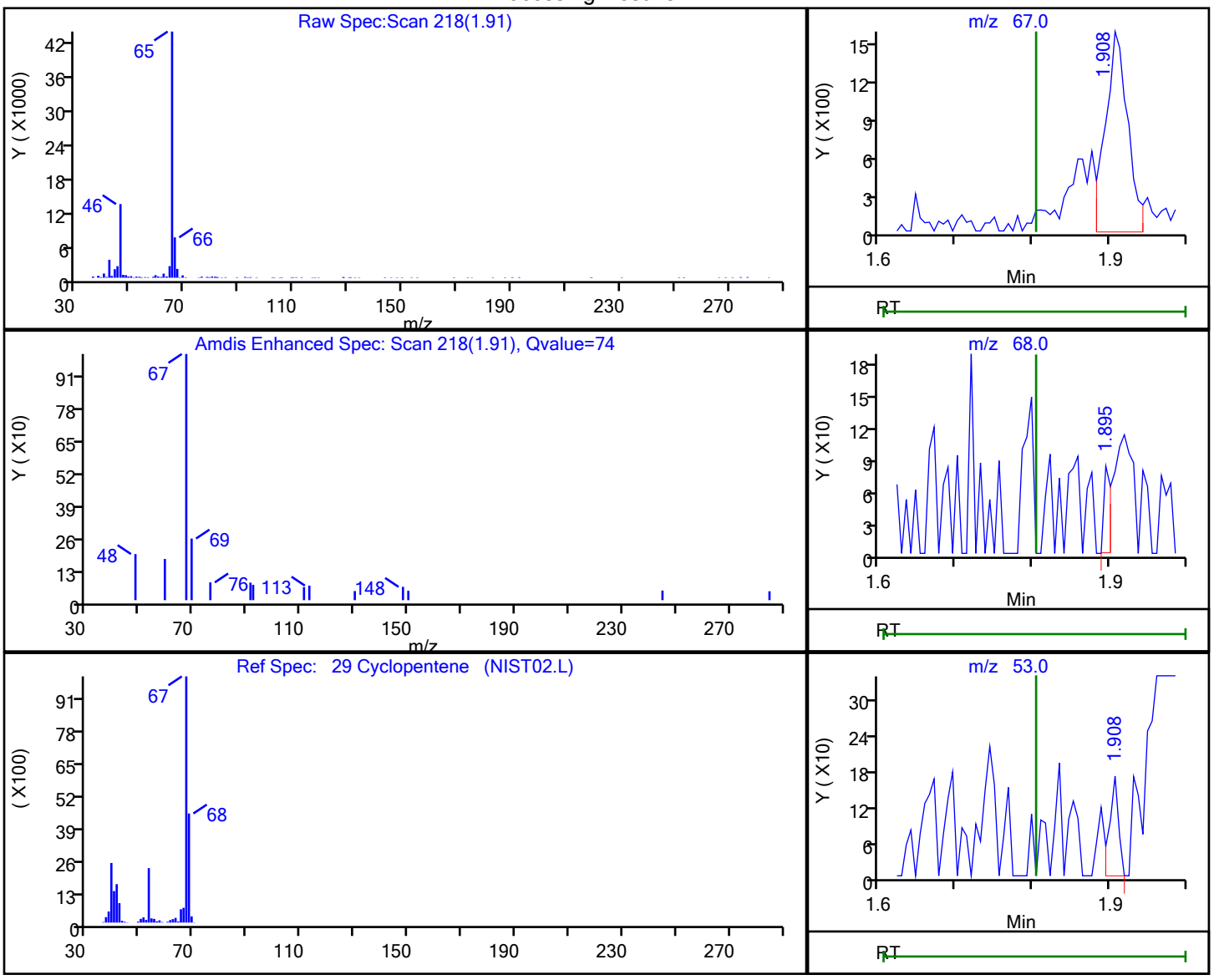
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.91	67.00	3191	0.475381
1.90	68.00	52	
1.91	53.00	138	

Reviewer: HVW2, 31-Oct-2023 04:54:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

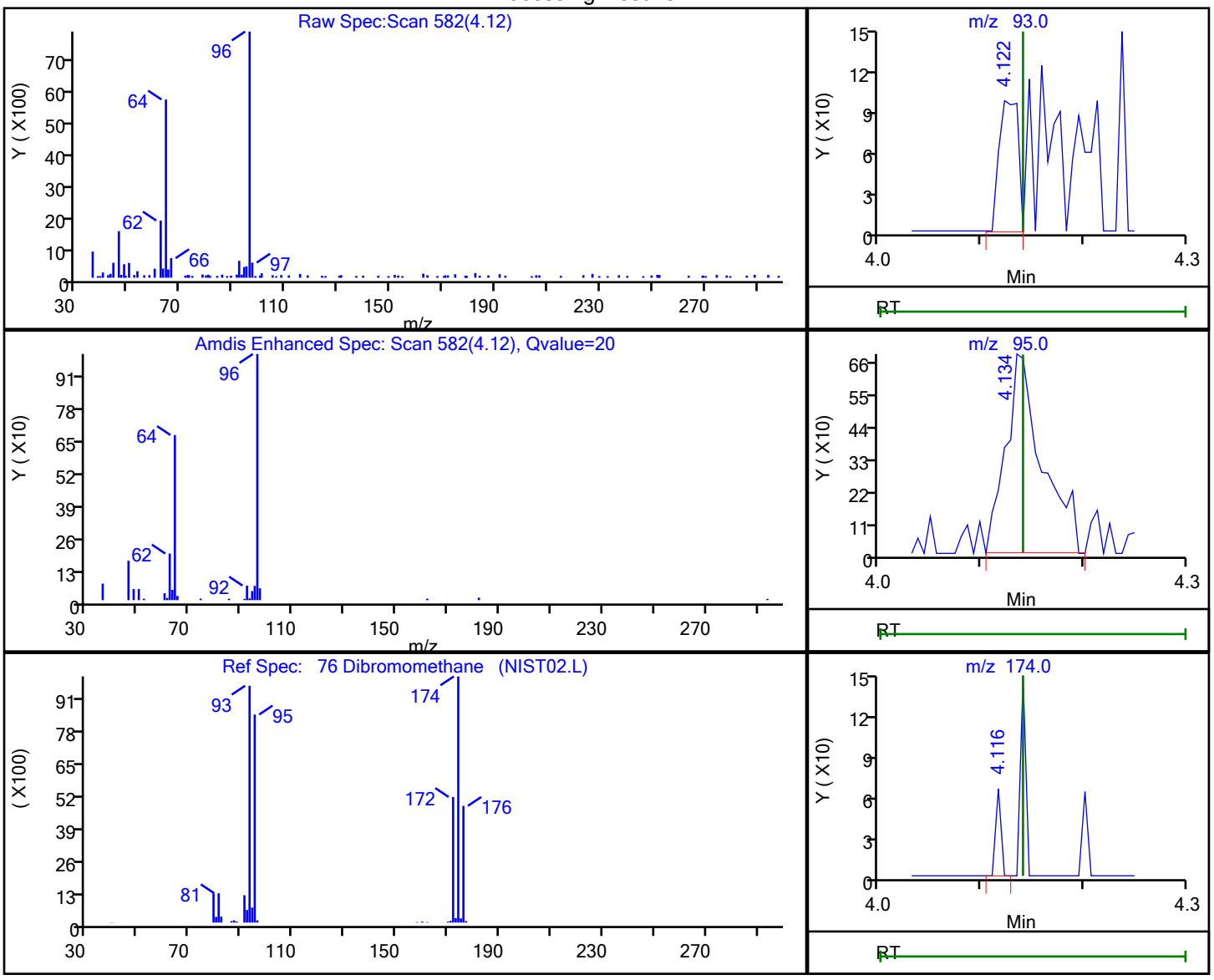
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 Dibromomethane, CAS: 74-95-3

Processing Results



RT	Mass	Response	Amount
4.12	93.00	124	0.060286
4.13	95.00	1694	
4.12	174.00	23	

Reviewer: HVW2, 31-Oct-2023 04:55:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

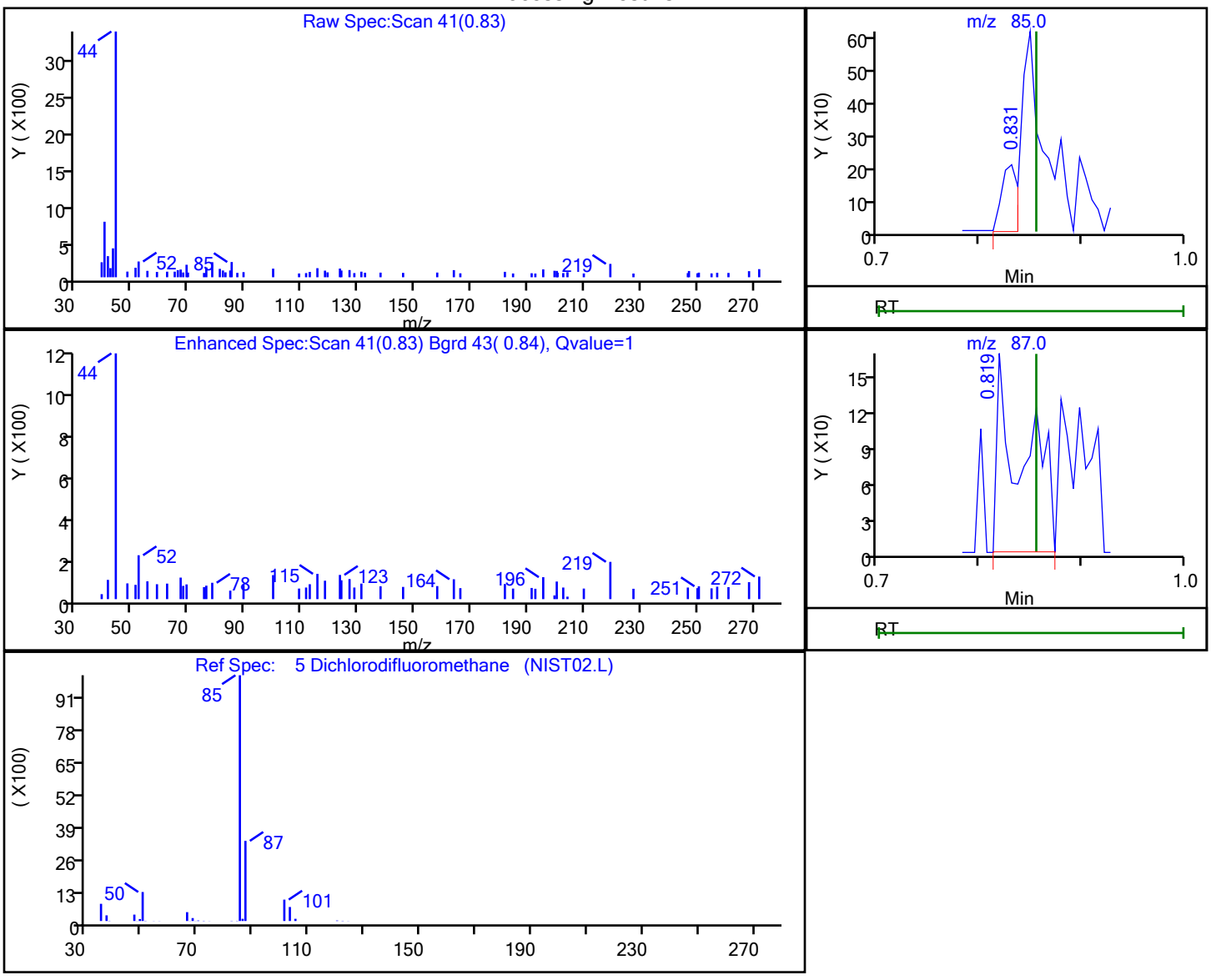
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.83	85.00	223	0.250000
0.82	87.00	304	

Reviewer: HVW2, 31-Oct-2023 04:03:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

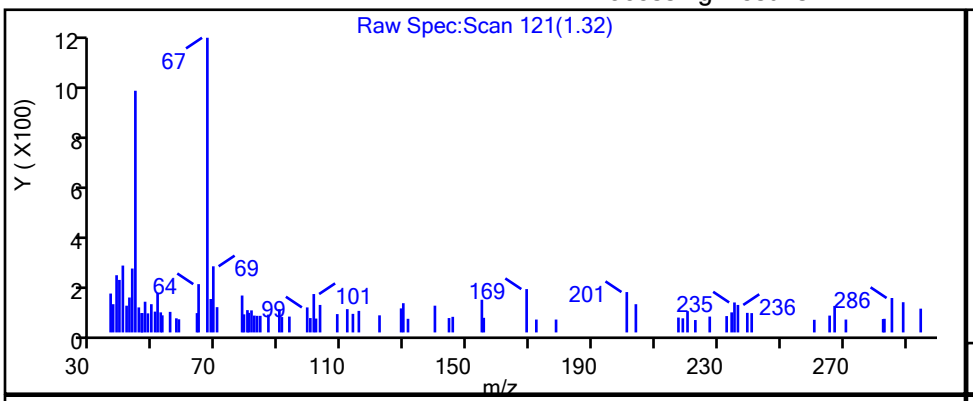
User Disabled Compound Report

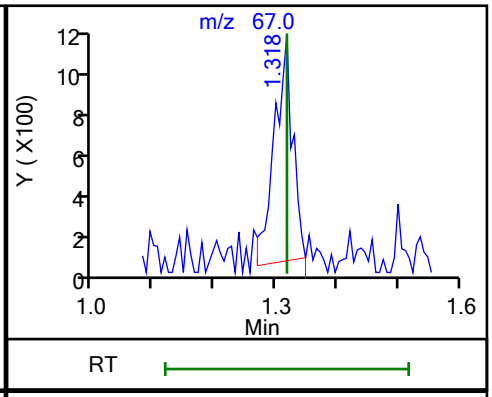
Eurofins Edison

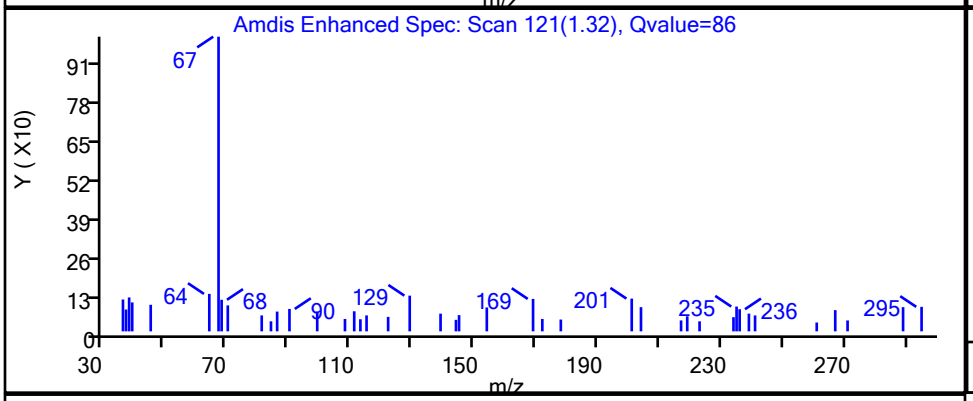
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

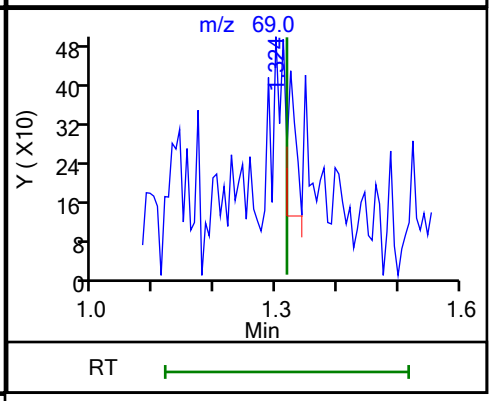
12 Dichlorofluoromethane, CAS: 75-43-4

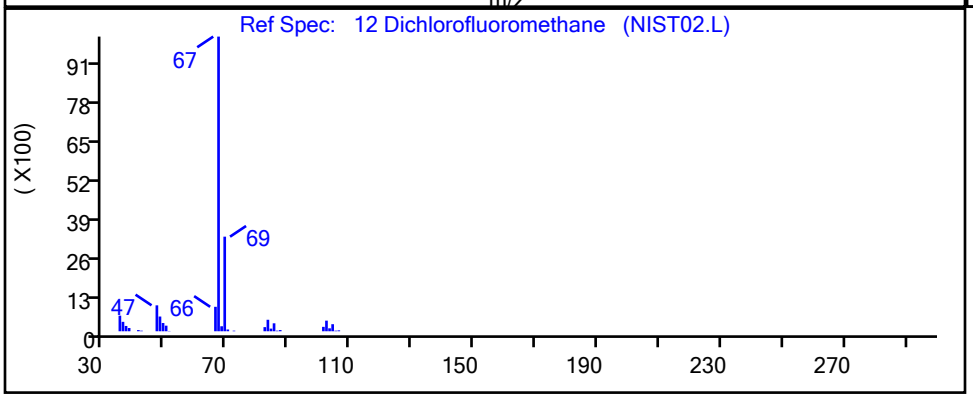
Processing Results











RT	Mass	Response	Amount
1.32	67.00	2339	0.250000
1.32	69.00	273	

Reviewer: HVW2, 31-Oct-2023 04:04:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

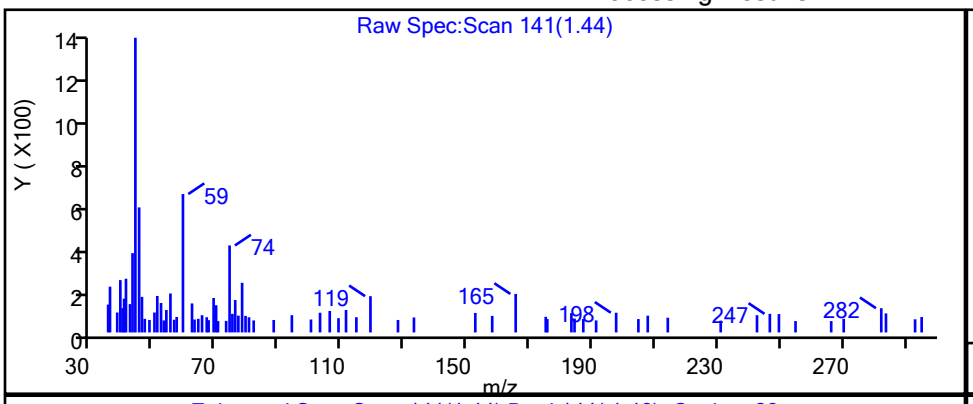
User Disabled Compound Report

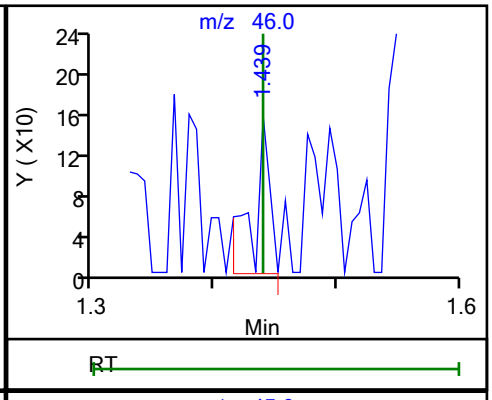
Eurofins Edison

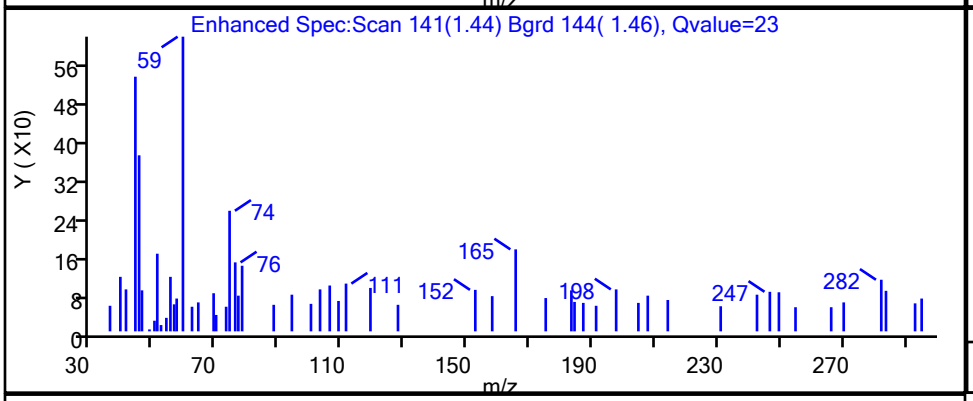
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

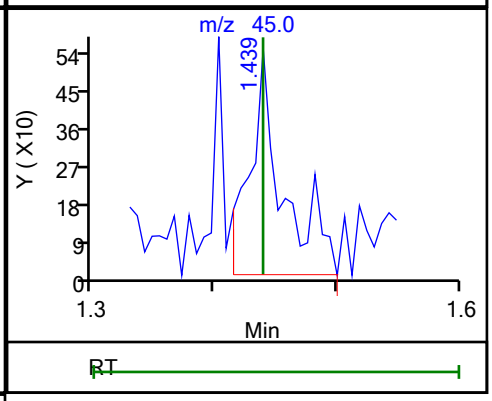
15 Ethanol, CAS: 64-17-5

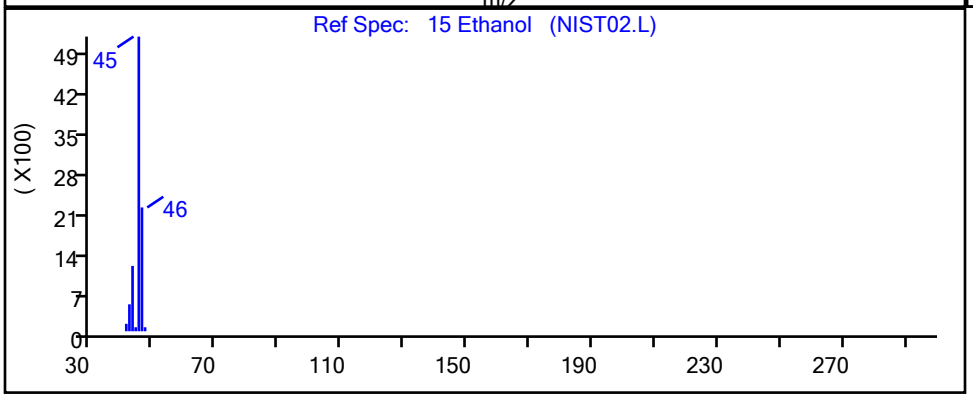
Processing Results











RT	Mass	Response	Amount
1.44	46.00	149	18.417233
1.44	45.00	1041	

Reviewer: HVW2, 31-Oct-2023 04:54:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

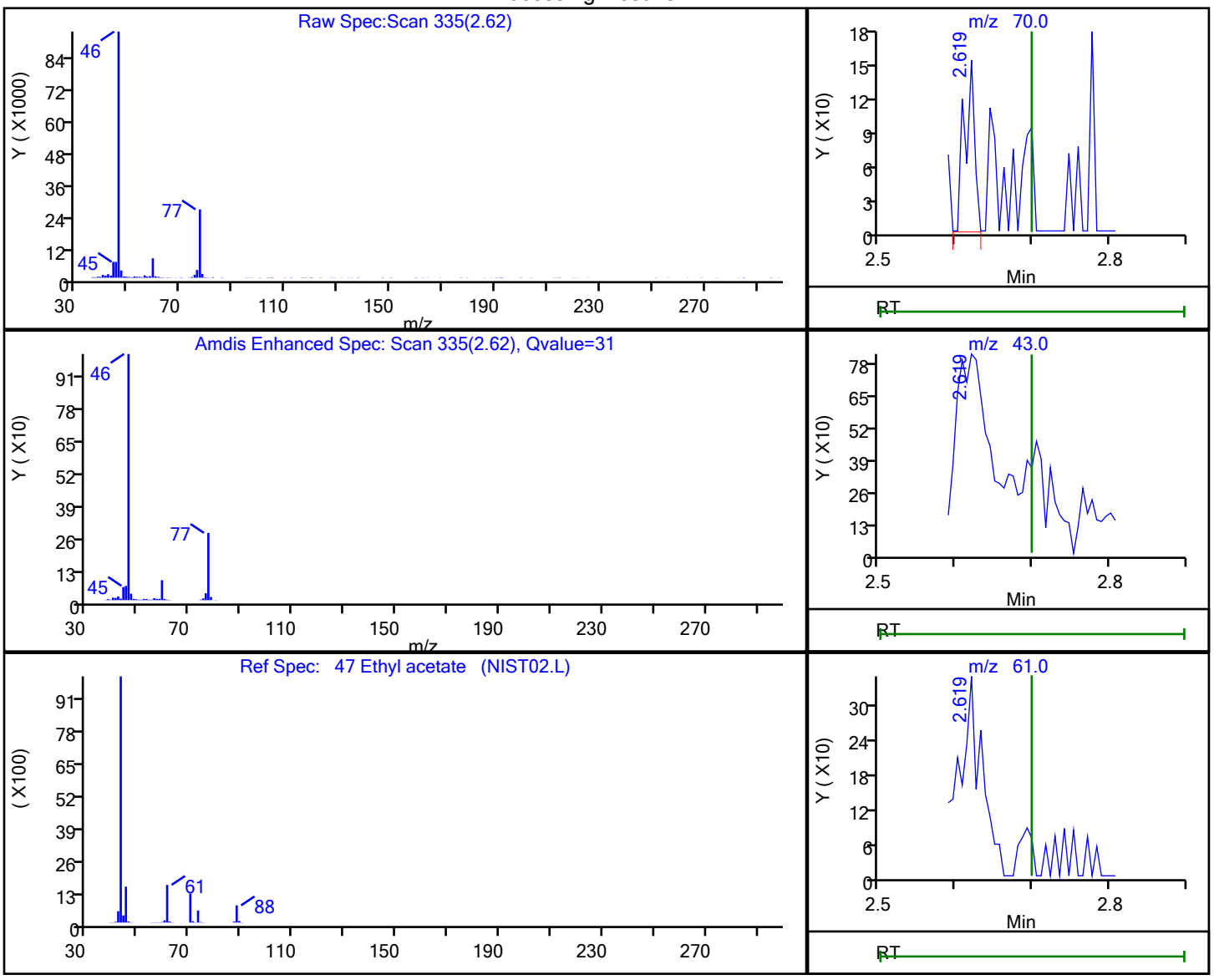
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.62	70.00	137	0.484642
2.62	43.00	2202	
2.62	61.00	703	

Reviewer: HVW2, 31-Oct-2023 04:55:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

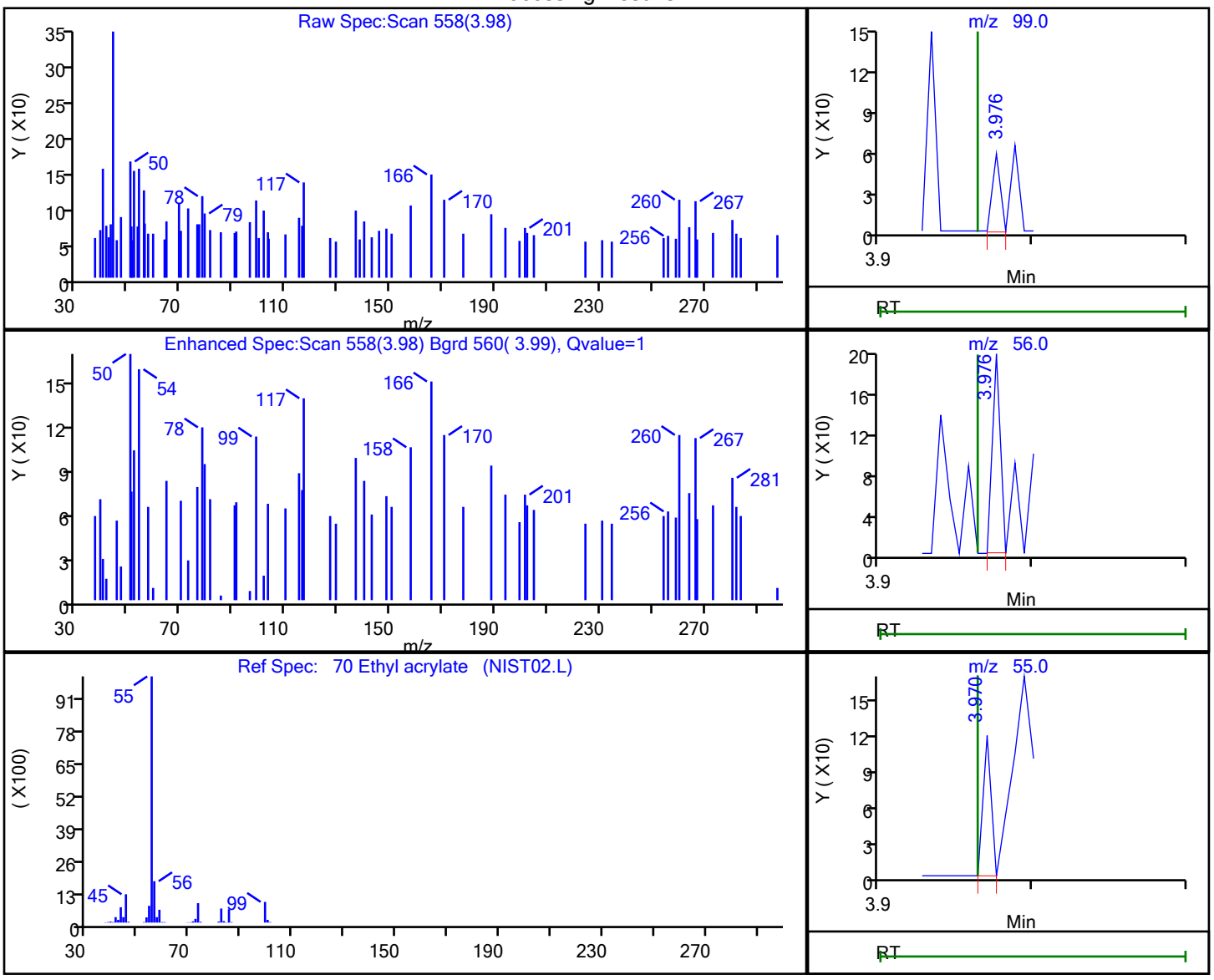
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
3.98	99.00	20	0.048380
3.98	56.00	72	
3.97	55.00	42	

Reviewer: HVW2, 31-Oct-2023 04:55:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

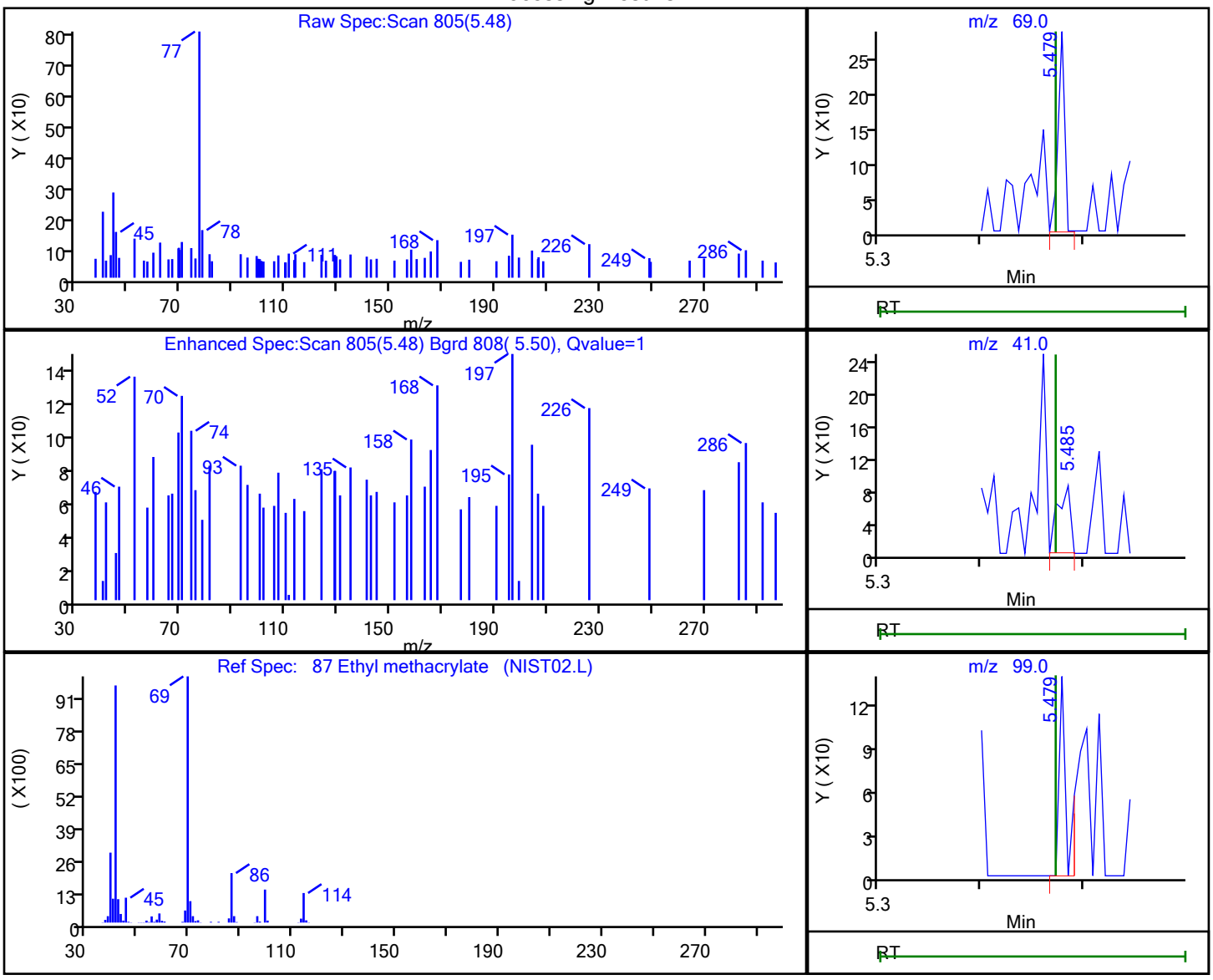
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
5.48	69.00	126	0.050688
5.48	41.00	74	
5.48	99.00	68	

Reviewer: HVW2, 31-Oct-2023 04:55:38 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

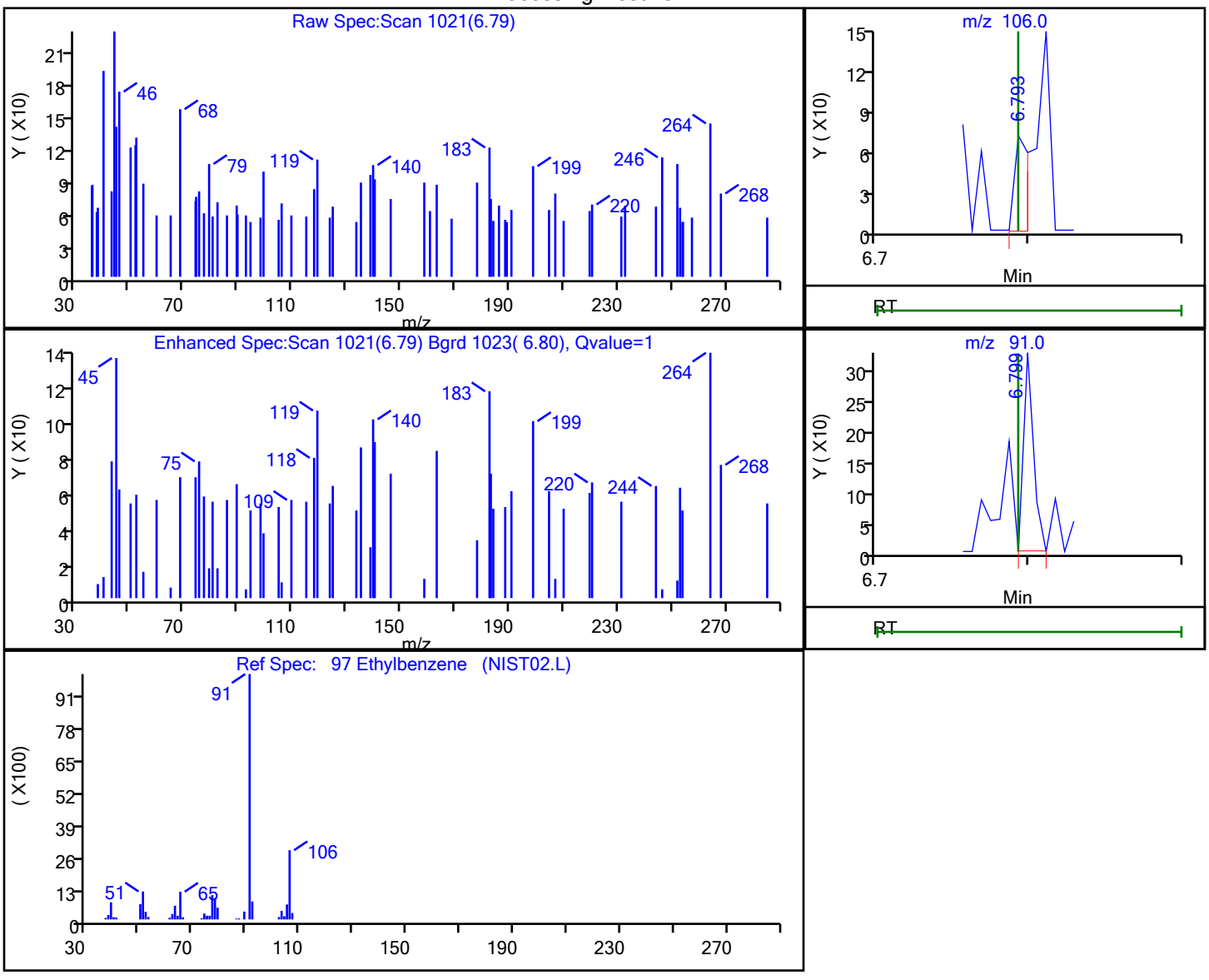
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
6.79	106.00	45	0.014295
6.80	91.00	149	

Reviewer: HVW2, 31-Oct-2023 04:55:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

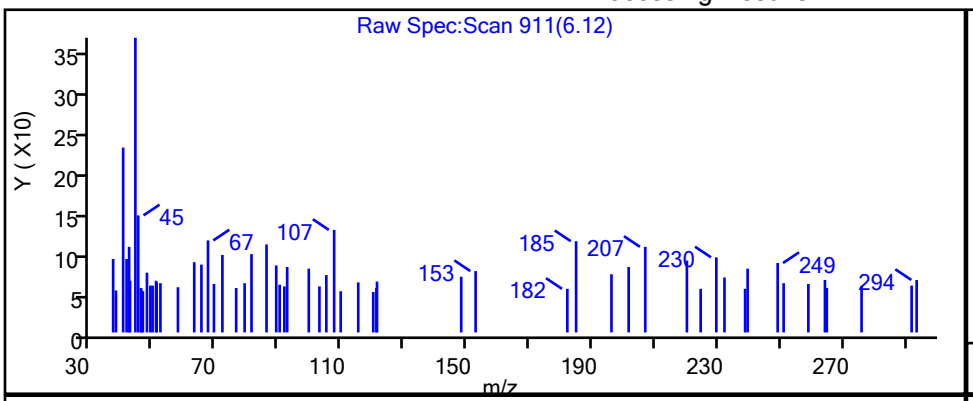
User Disabled Compound Report

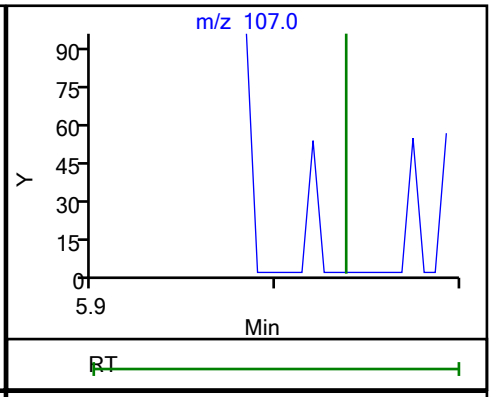
Eurofins Edison

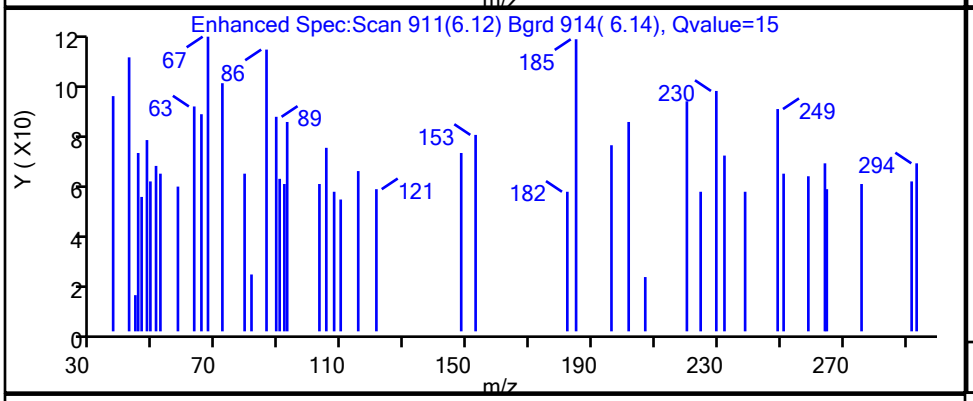
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

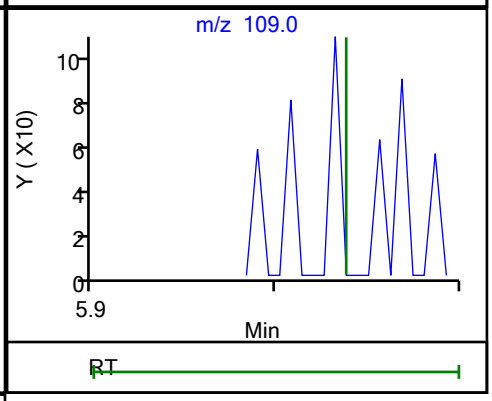
94 Ethylene Dibromide, CAS: 106-93-4

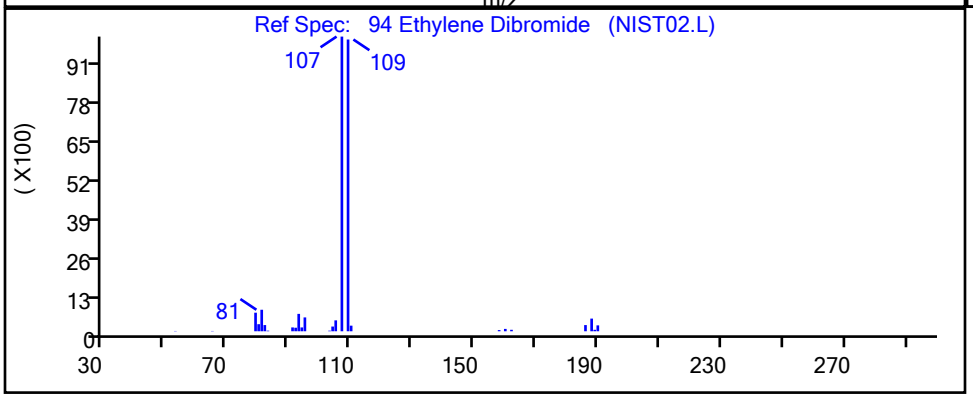
Processing Results











RT	Mass	Response	Amount
6.12	107.00	91	0.035783
6.13	109.00	118	

Reviewer: HVW2, 31-Oct-2023 04:55:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

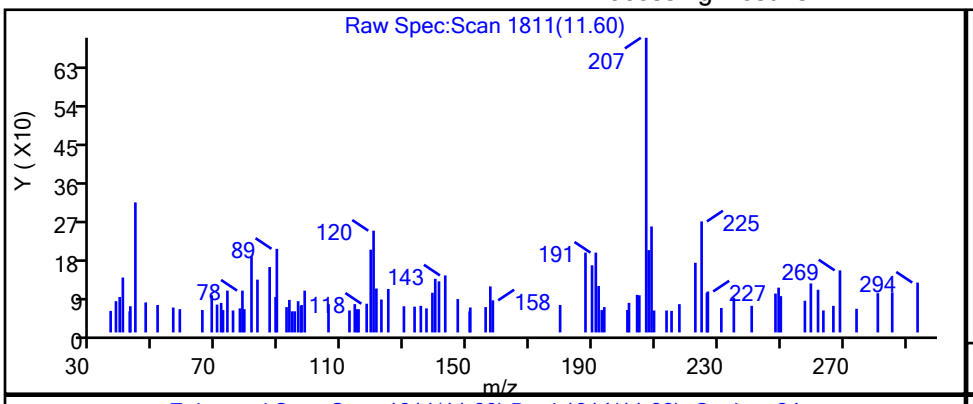
User Disabled Compound Report

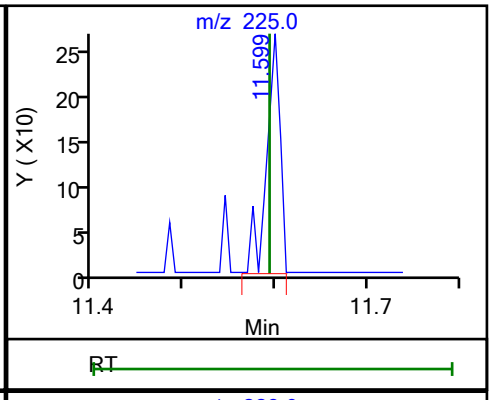
Eurofins Edison

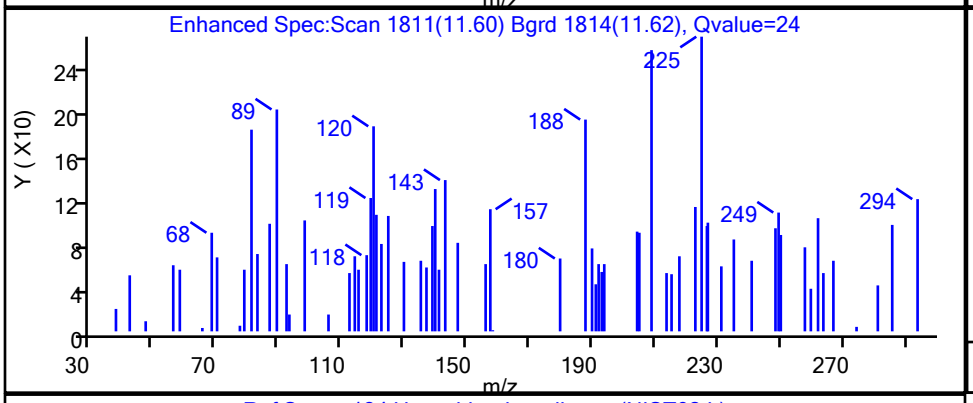
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

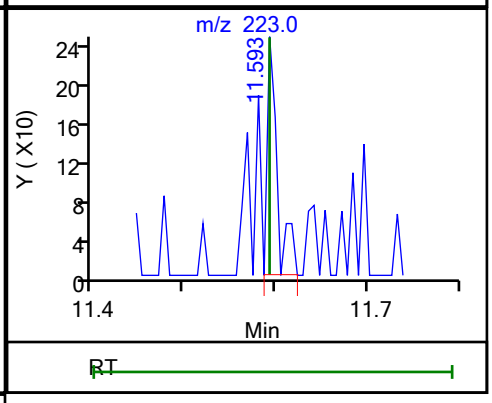
134 Hexachlorobutadiene, CAS: 87-68-3

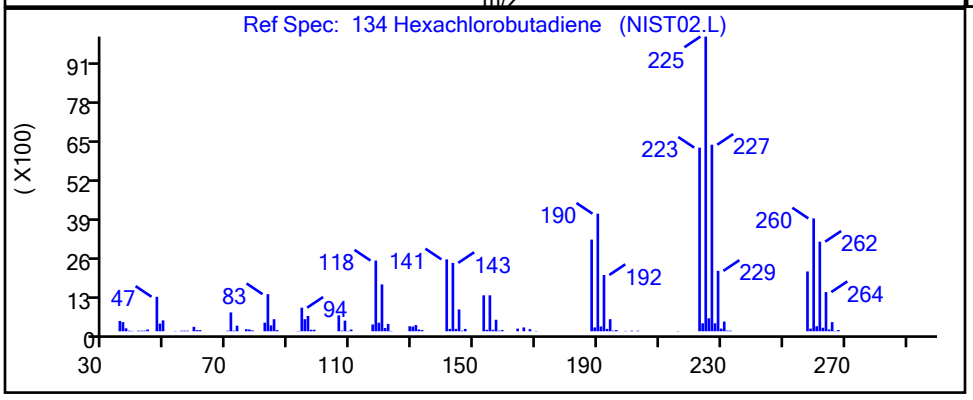
Processing Results











RT	Mass	Response	Amount
11.60	225.00	269	0.259337
11.59	223.00	191	

Reviewer: HVW2, 31-Oct-2023 04:56:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

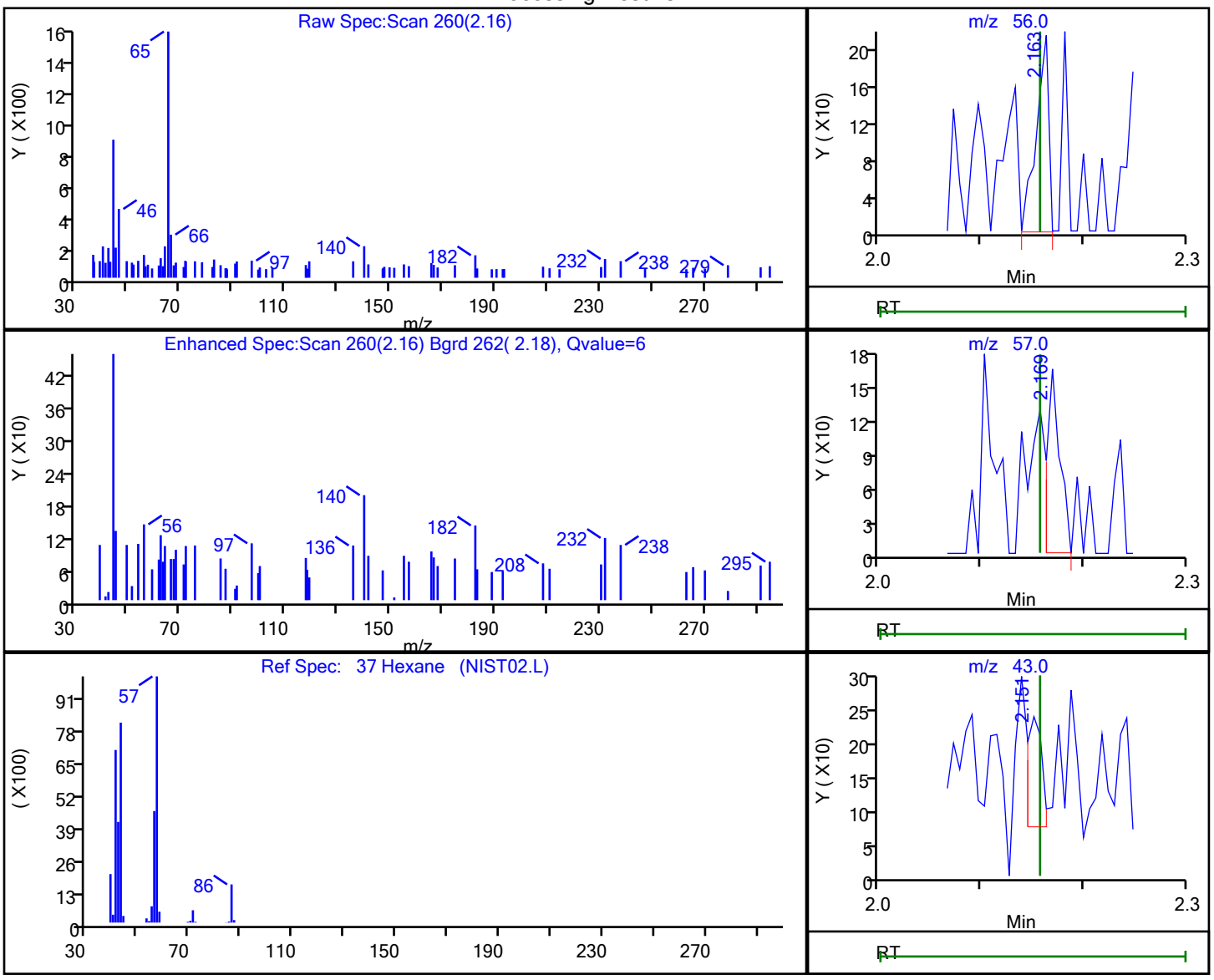
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

37 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.16	56.00	177	0.117594
2.17	57.00	140	
2.15	43.00	163	
2.17	86.00	27	

Reviewer: HVW2, 31-Oct-2023 04:55:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

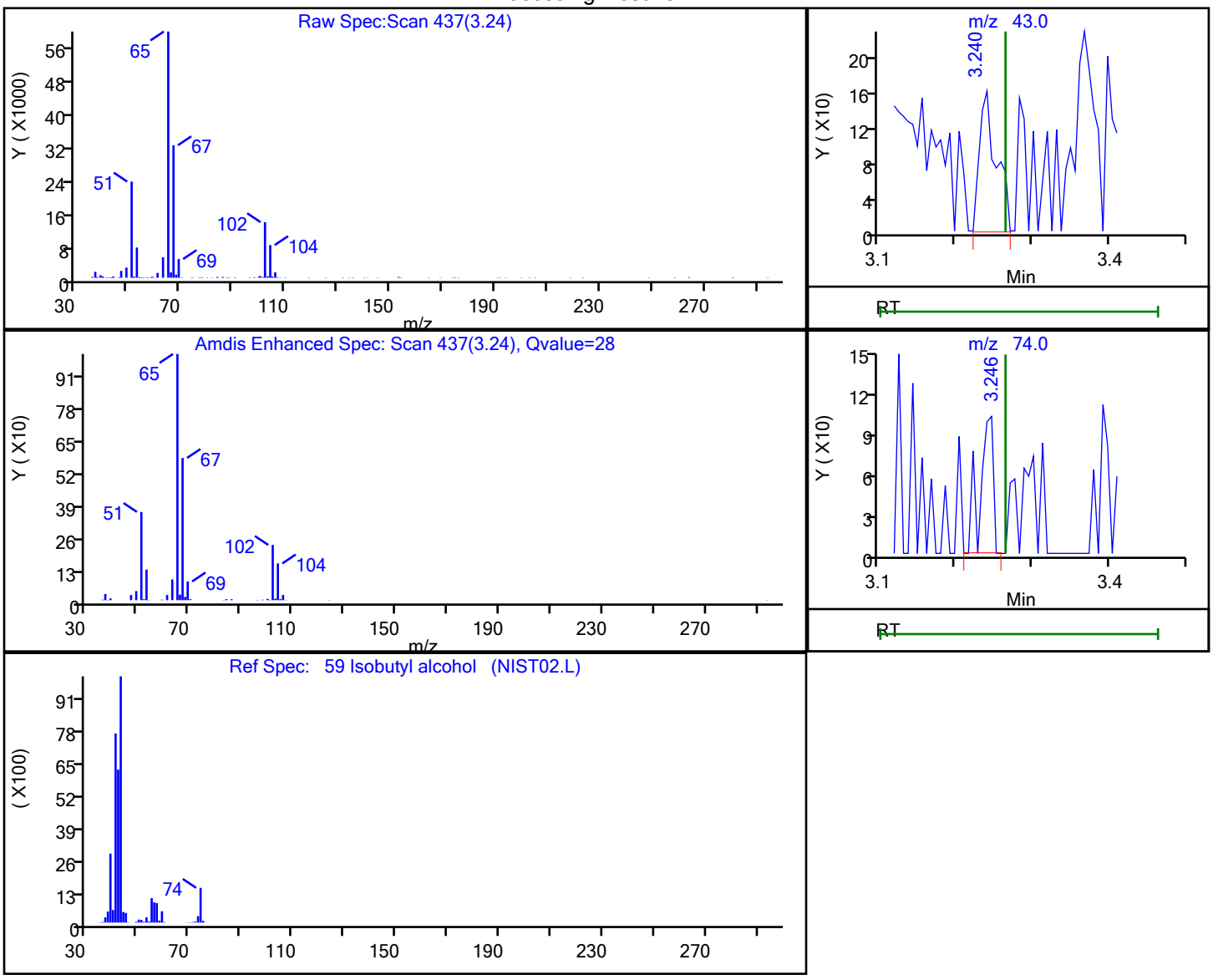
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.24	43.00	244	0.655605
3.25	74.00	124	

Reviewer: HVW2, 31-Oct-2023 04:55:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

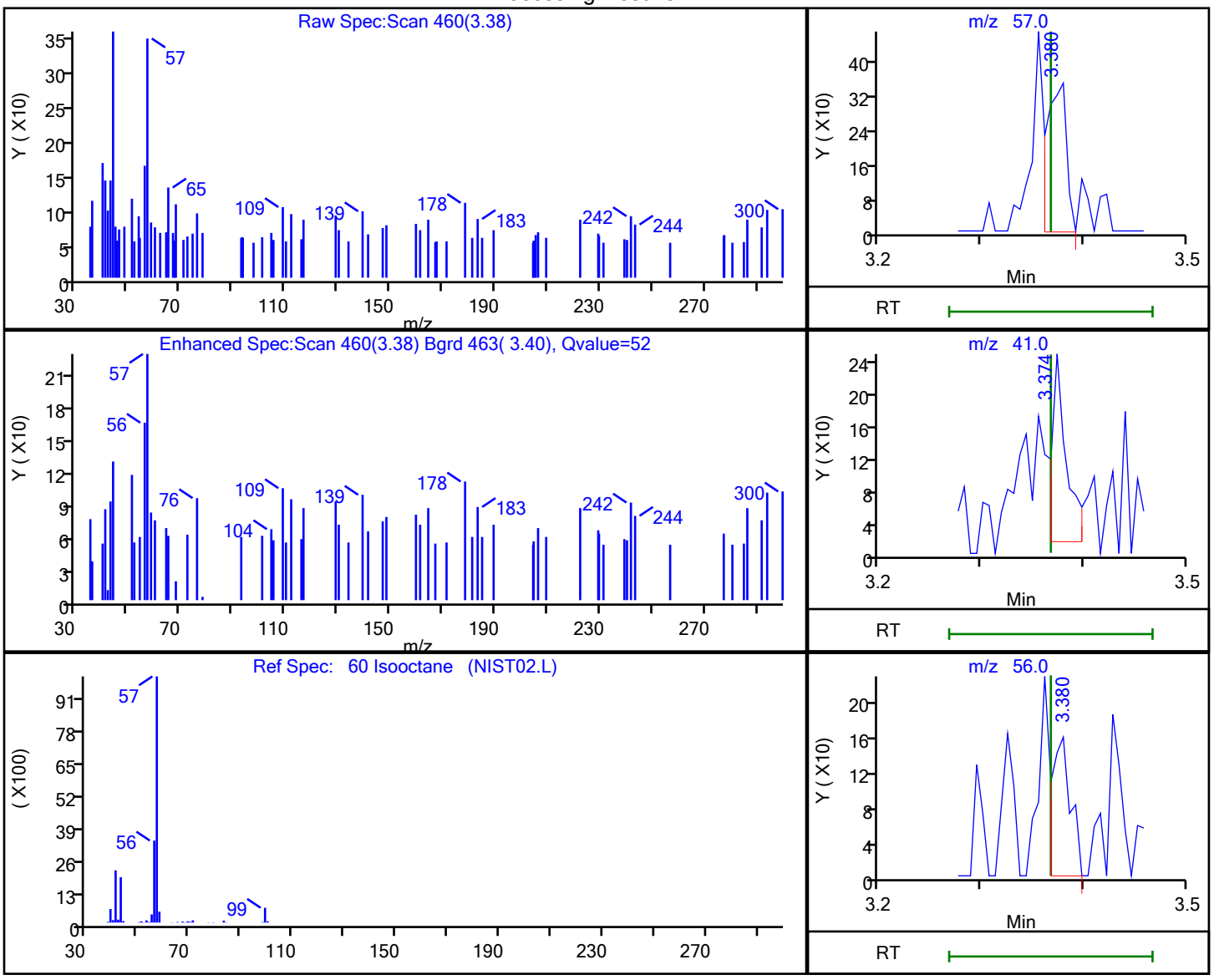
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.38	57.00	459	0.087340
3.37	41.00	227	
3.38	56.00	206	

Reviewer: HVW2, 31-Oct-2023 04:55:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

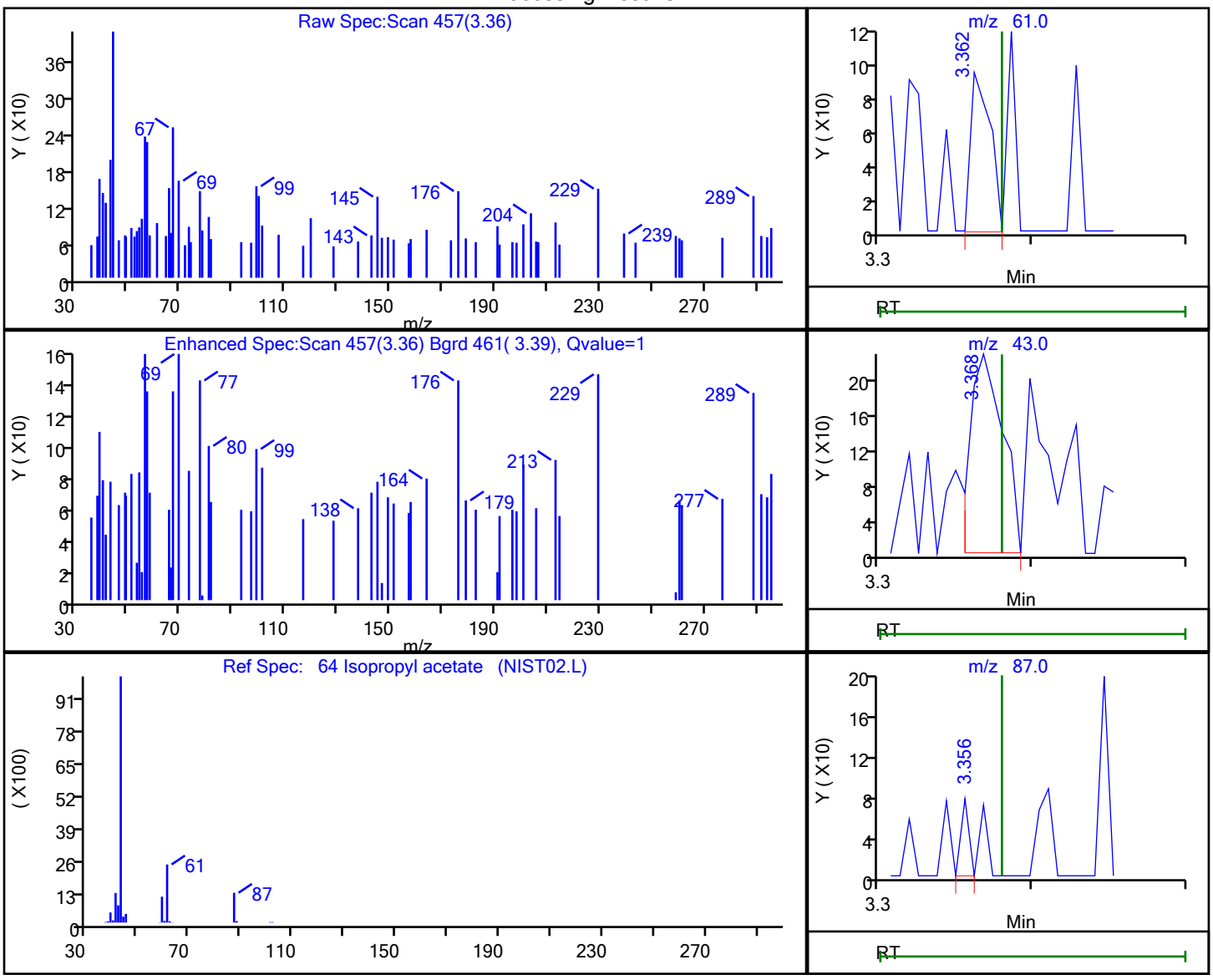
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.36	61.00	79	0.076953
3.37	43.00	339	
3.36	87.00	28	

Reviewer: HVW2, 31-Oct-2023 04:55:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

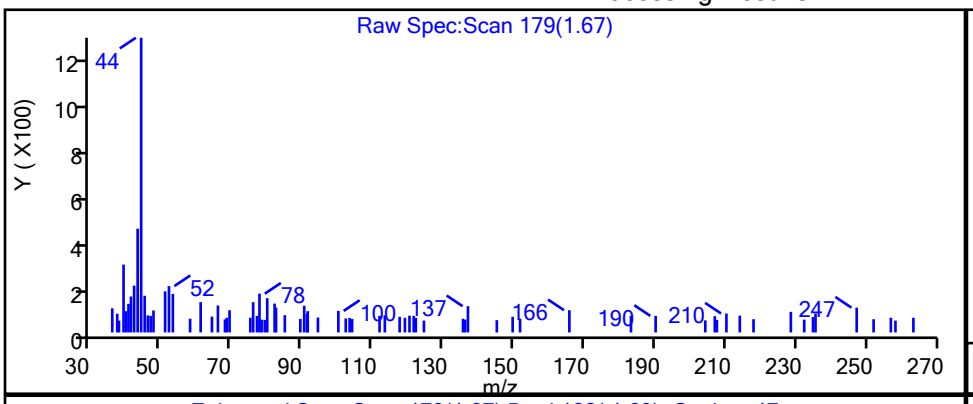
User Disabled Compound Report

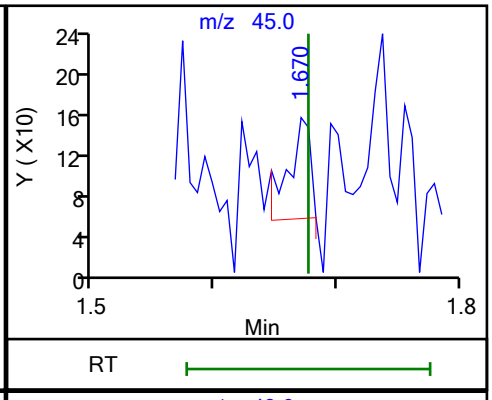
Eurofins Edison

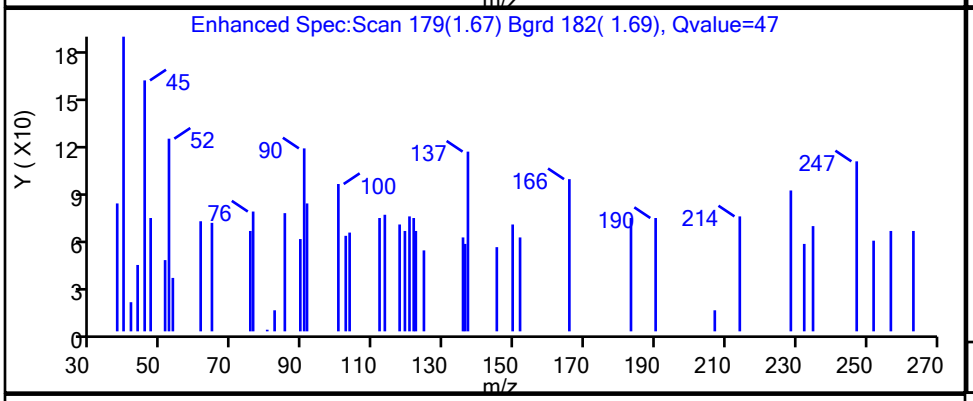
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

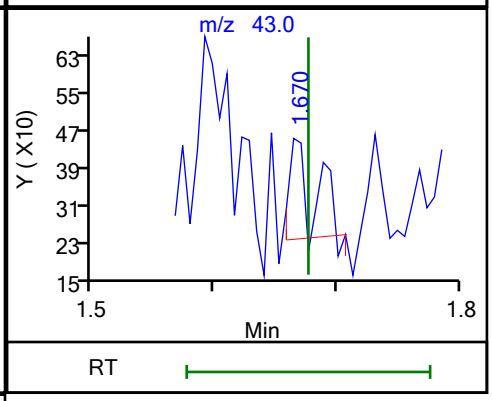
25 Isopropyl alcohol, CAS: 67-63-0

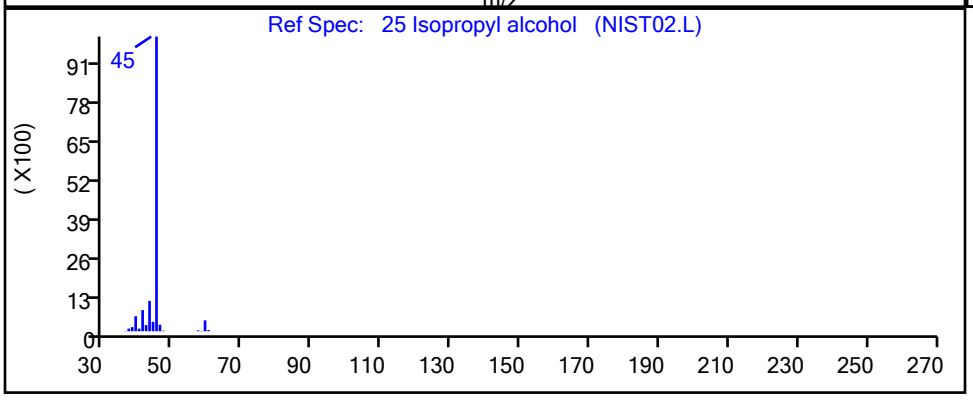
Processing Results











RT	Mass	Response	Amount
1.67	45.00	131	0.934951
1.67	43.00	284	

Reviewer: HVW2, 31-Oct-2023 04:54:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

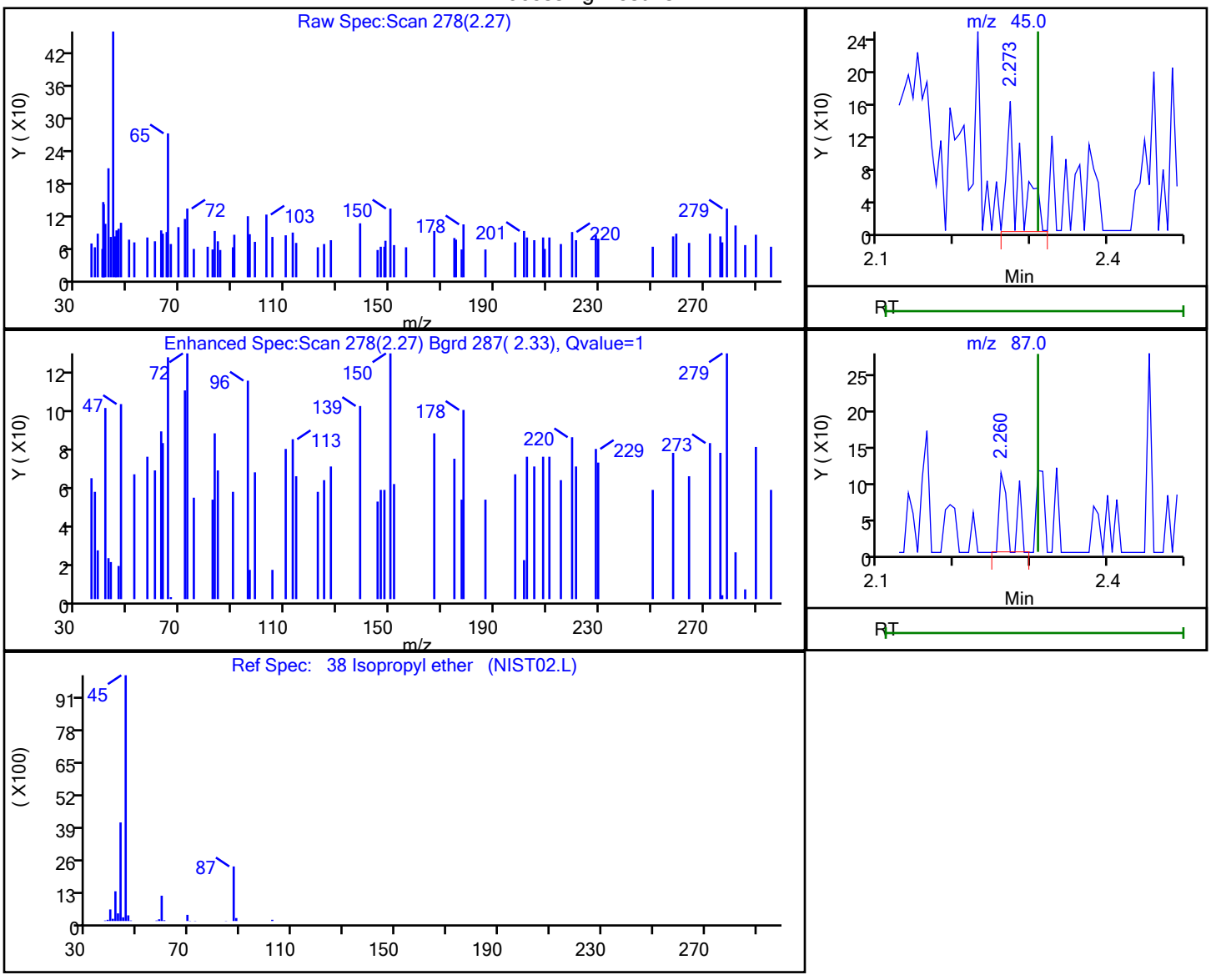
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.27	45.00	182	0.021882
2.26	87.00	106	

Reviewer: HVW2, 31-Oct-2023 04:55:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

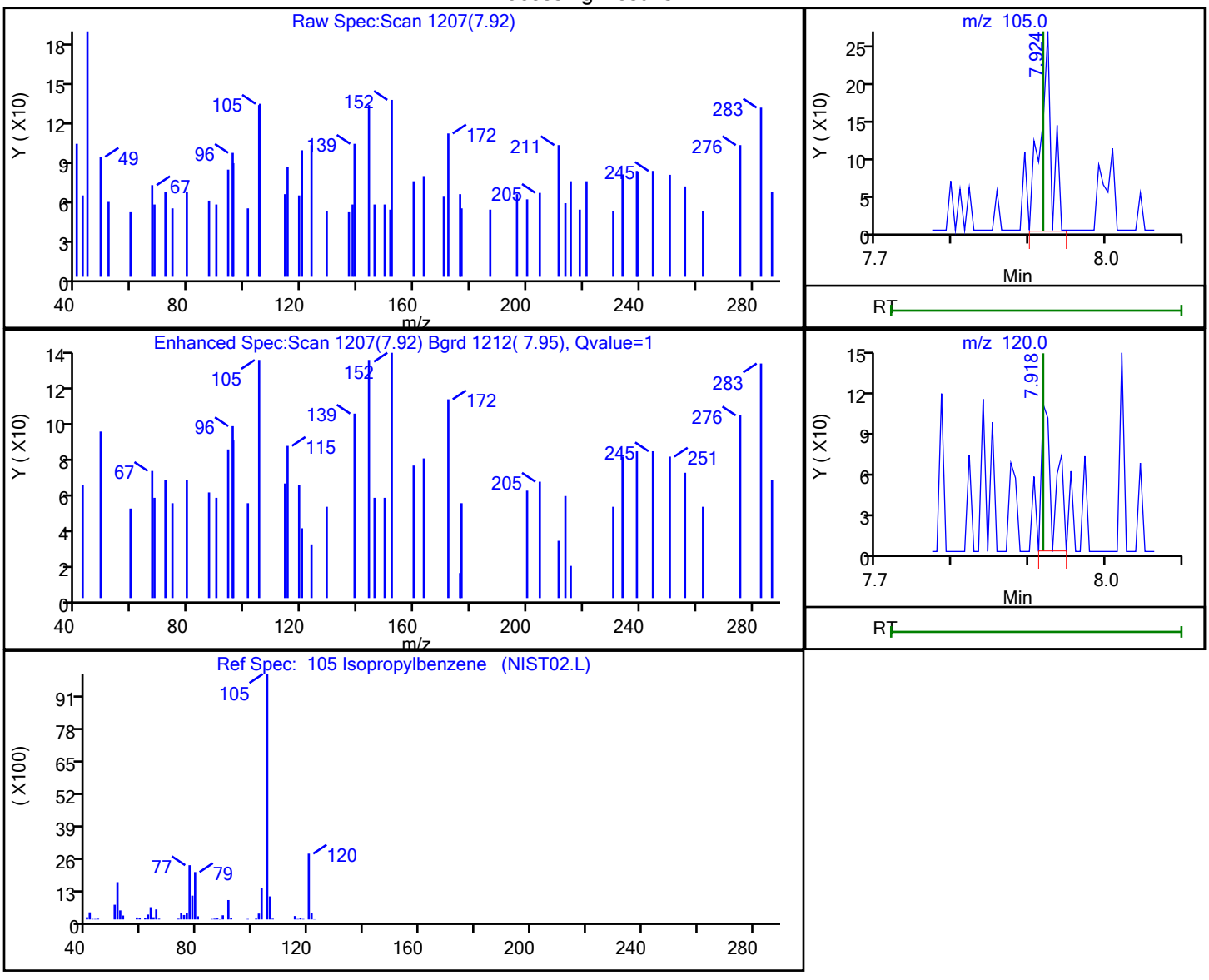
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

105 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
7.92	105.00	280	0.031867
7.92	120.00	122	

Reviewer: HVW2, 31-Oct-2023 04:55:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

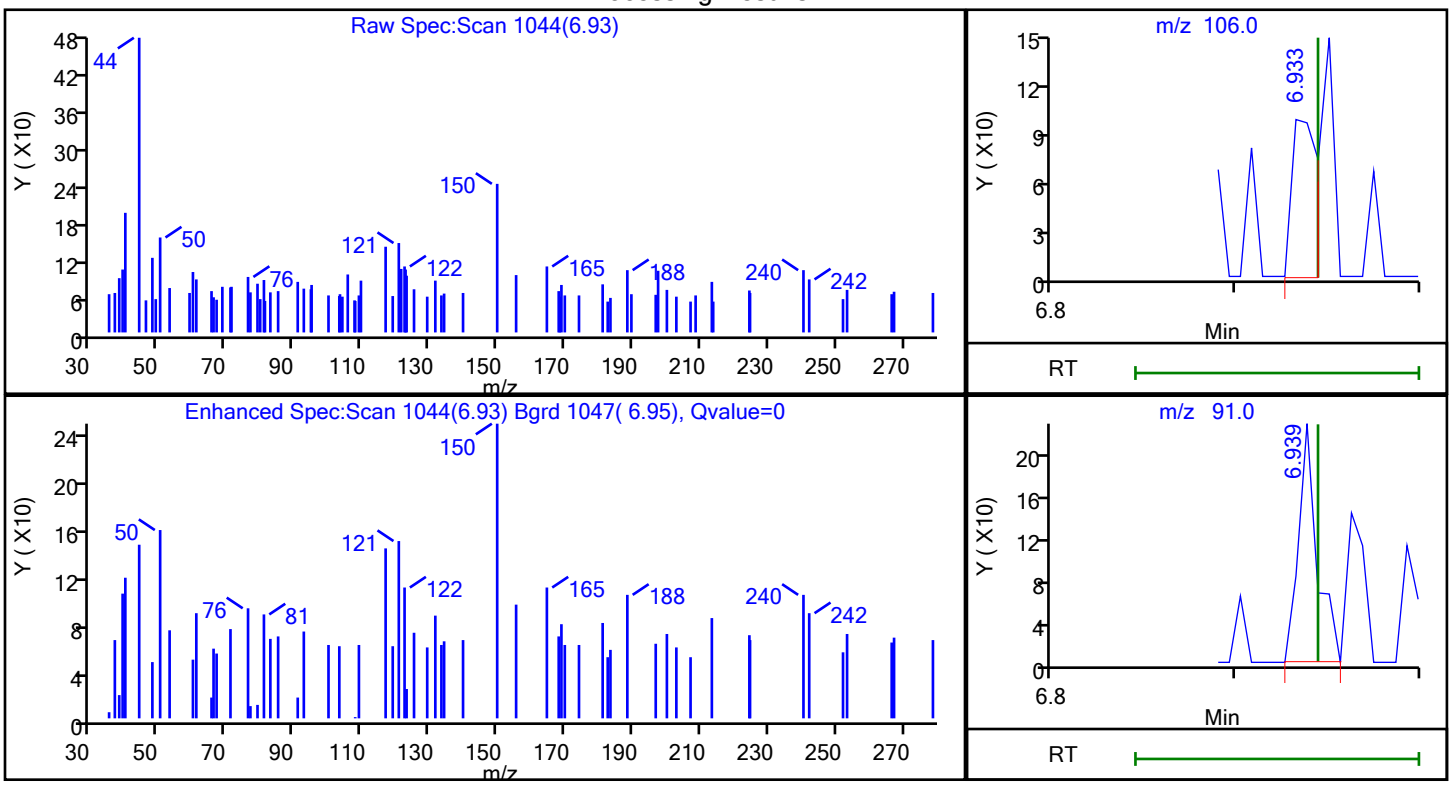
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

99 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
6.93	106.00	93	0.025203
6.94	91.00	161	

Reviewer: HVW2, 31-Oct-2023 04:55:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

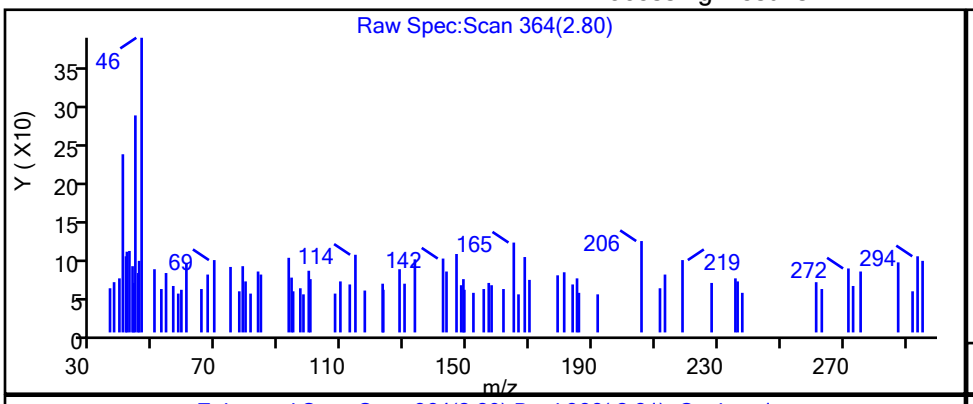
User Disabled Compound Report

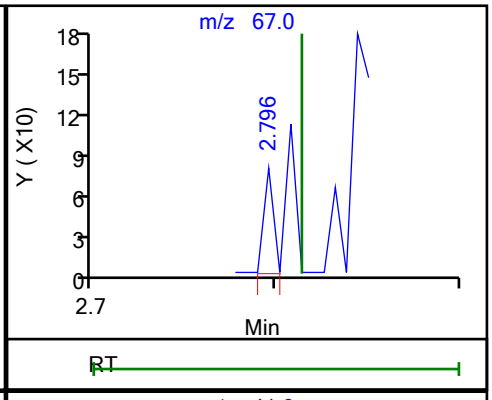
Eurofins Edison

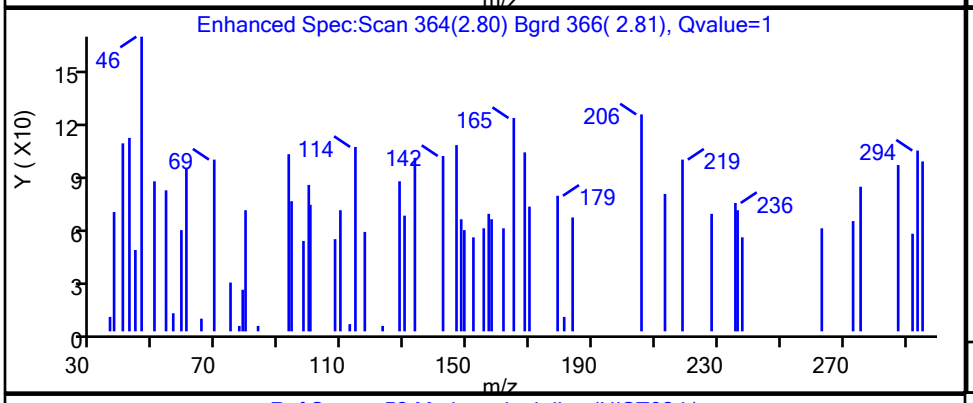
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

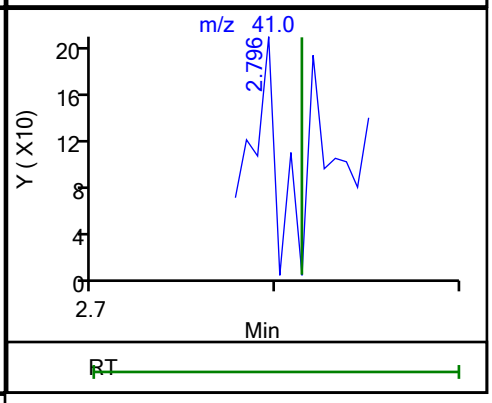
52 Methacrylonitrile, CAS: 126-98-7

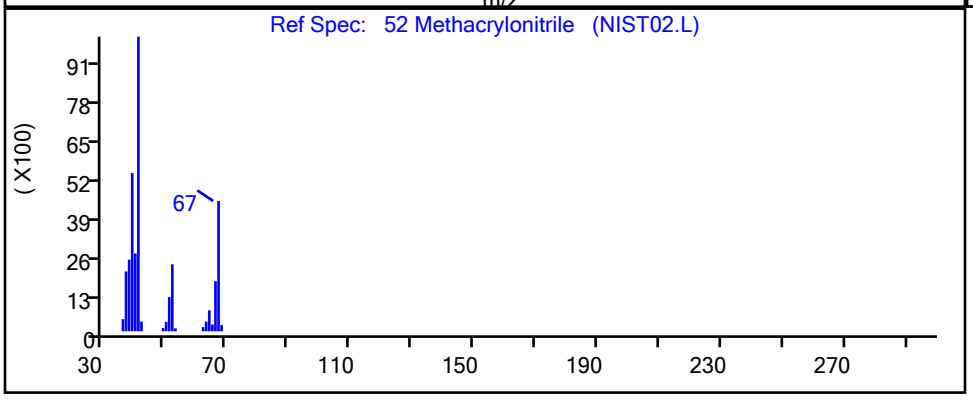
Processing Results











RT	Mass	Response	Amount
2.80	67.00	28	0.024600
2.80	41.00	210	

Reviewer: HVW2, 31-Oct-2023 04:55:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

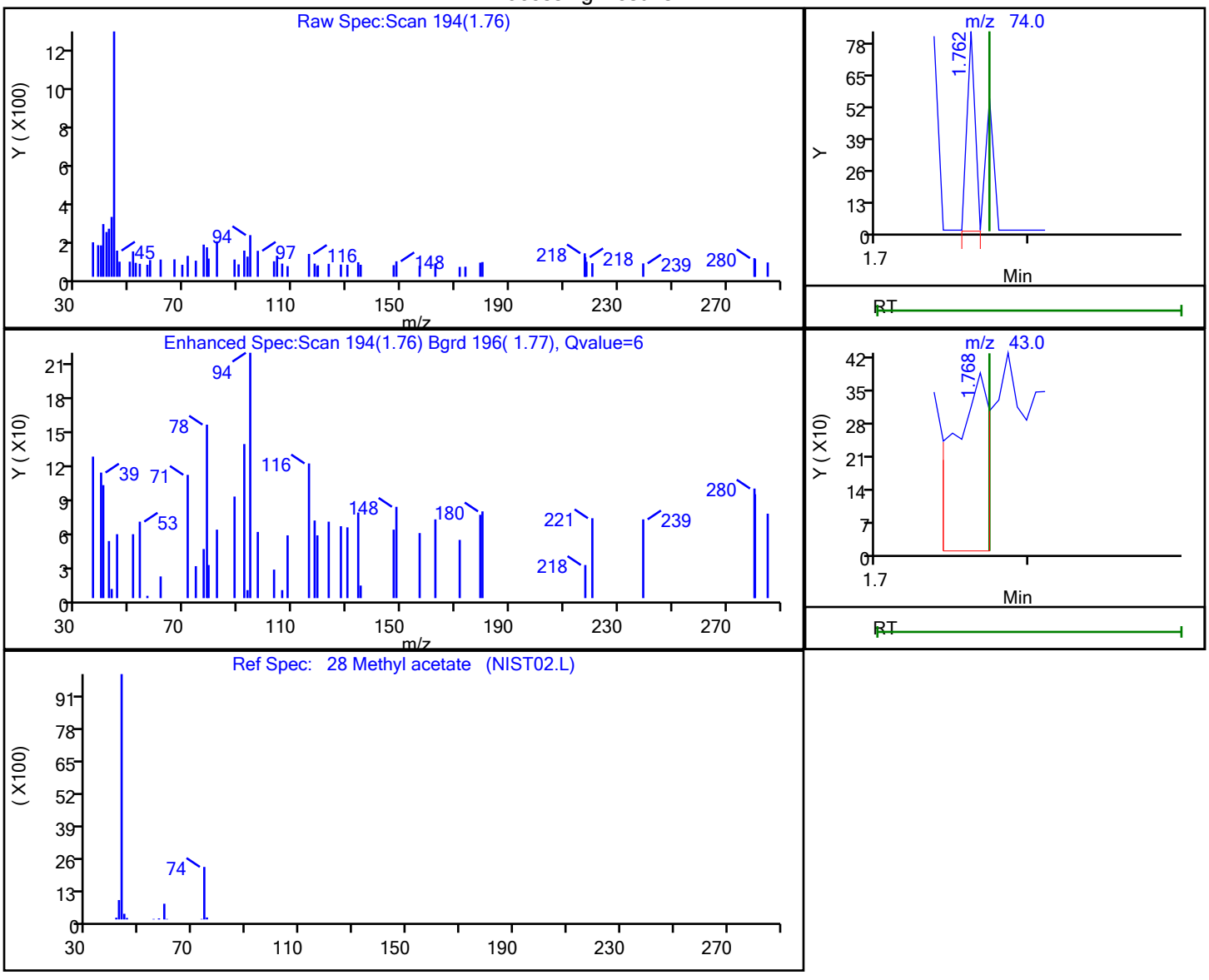
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
1.76	74.00	30	0.047020
1.77	43.00	628	

Reviewer: HVW2, 31-Oct-2023 04:54:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

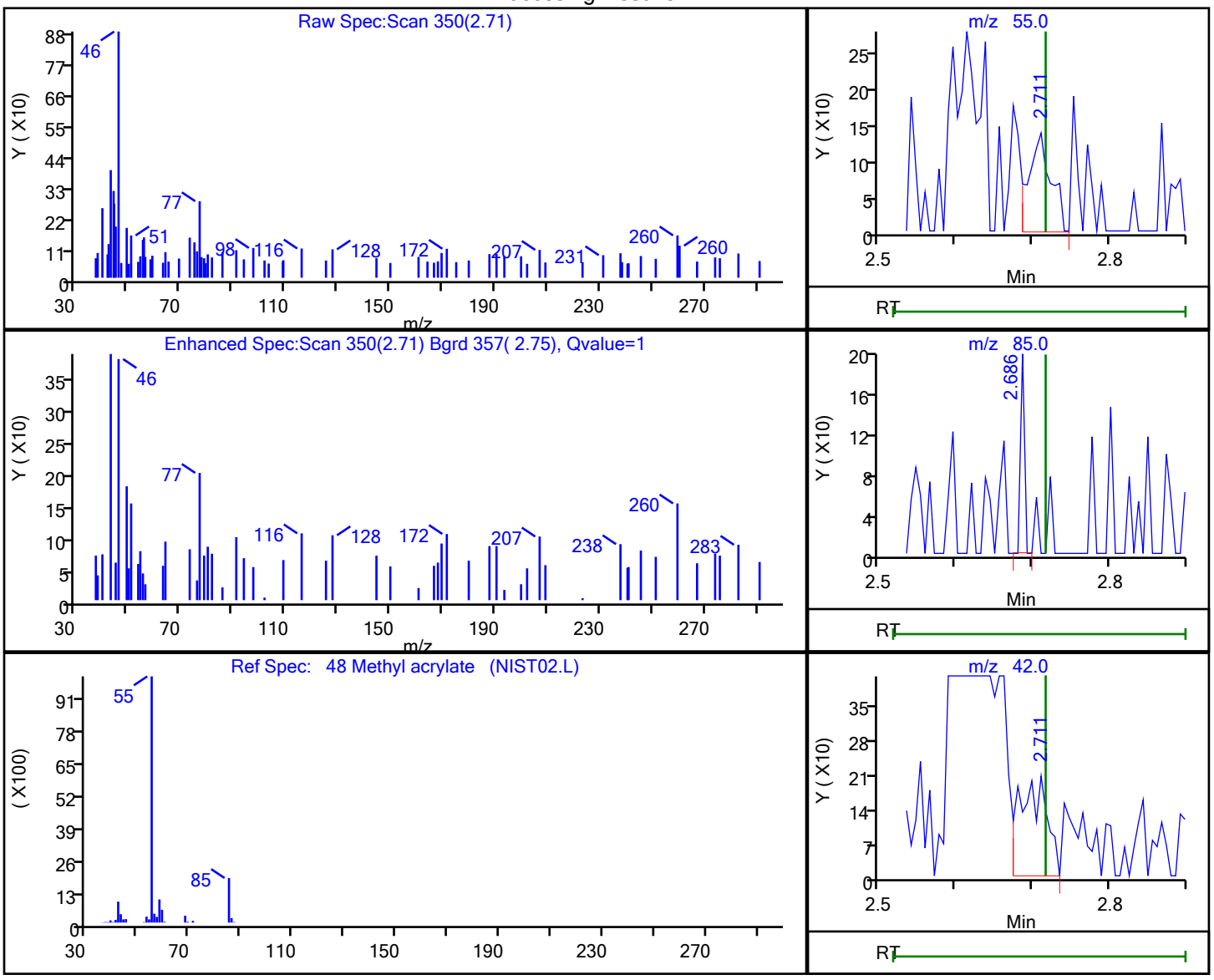
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
2.71	55.00	273	0.091545
2.69	85.00	71	
2.71	42.00	508	

Reviewer: HVW2, 31-Oct-2023 04:55:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

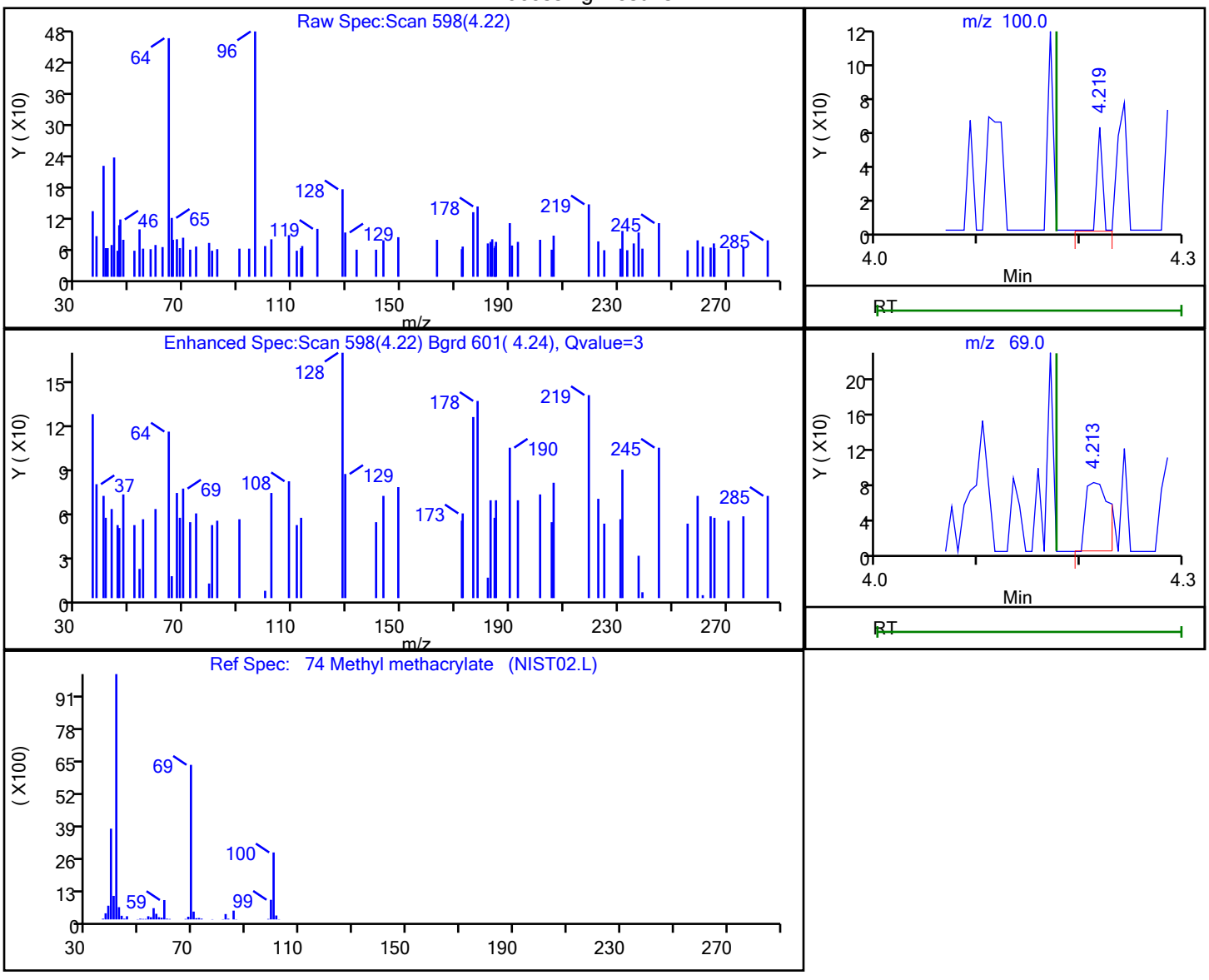
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
4.22	100.00	22	0.033276
4.21	69.00	122	

Reviewer: HVW2, 31-Oct-2023 04:55:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

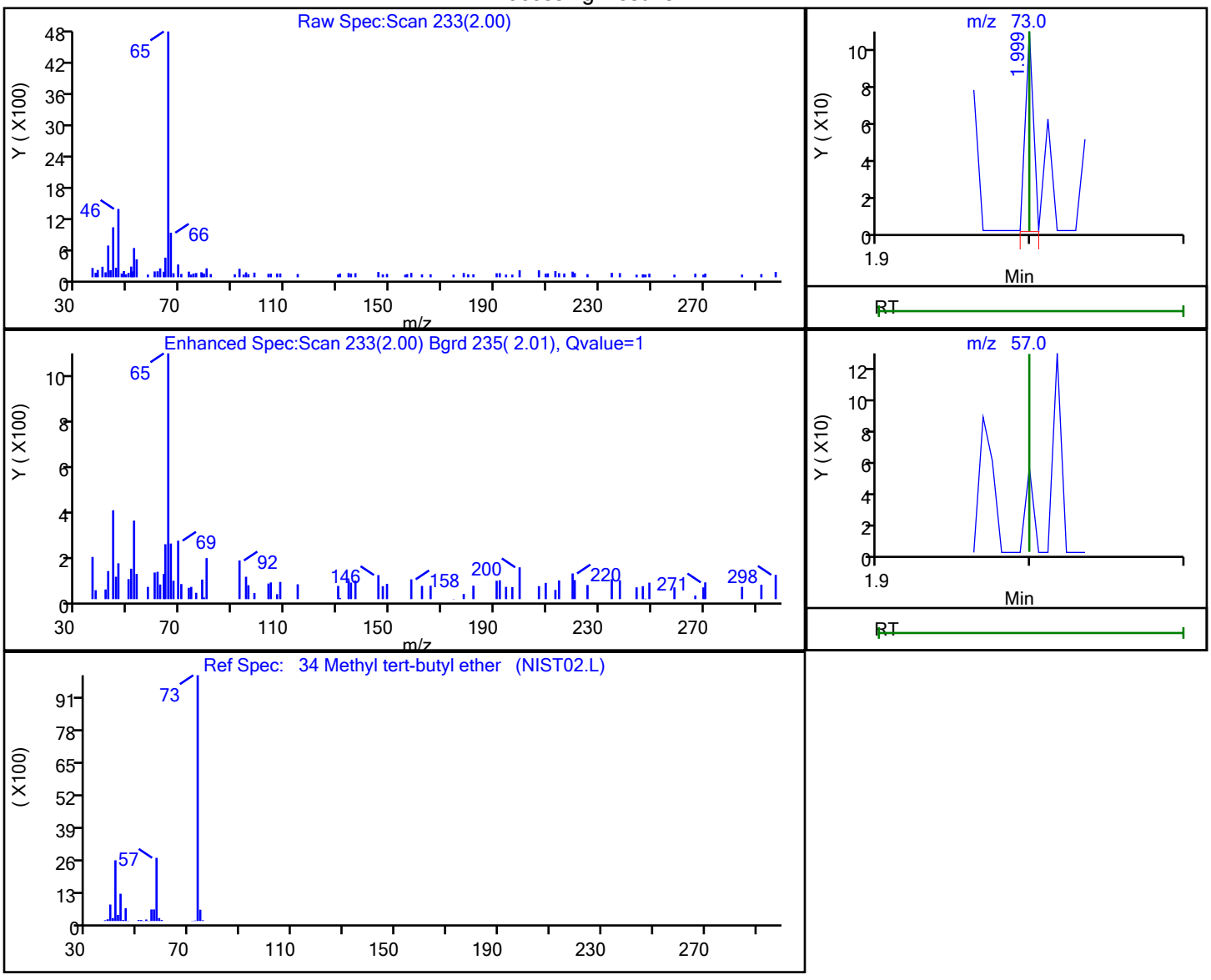
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.00	73.00	40	0.004352
2.00	57.00	0	

Reviewer: HVW2, 31-Oct-2023 04:55:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

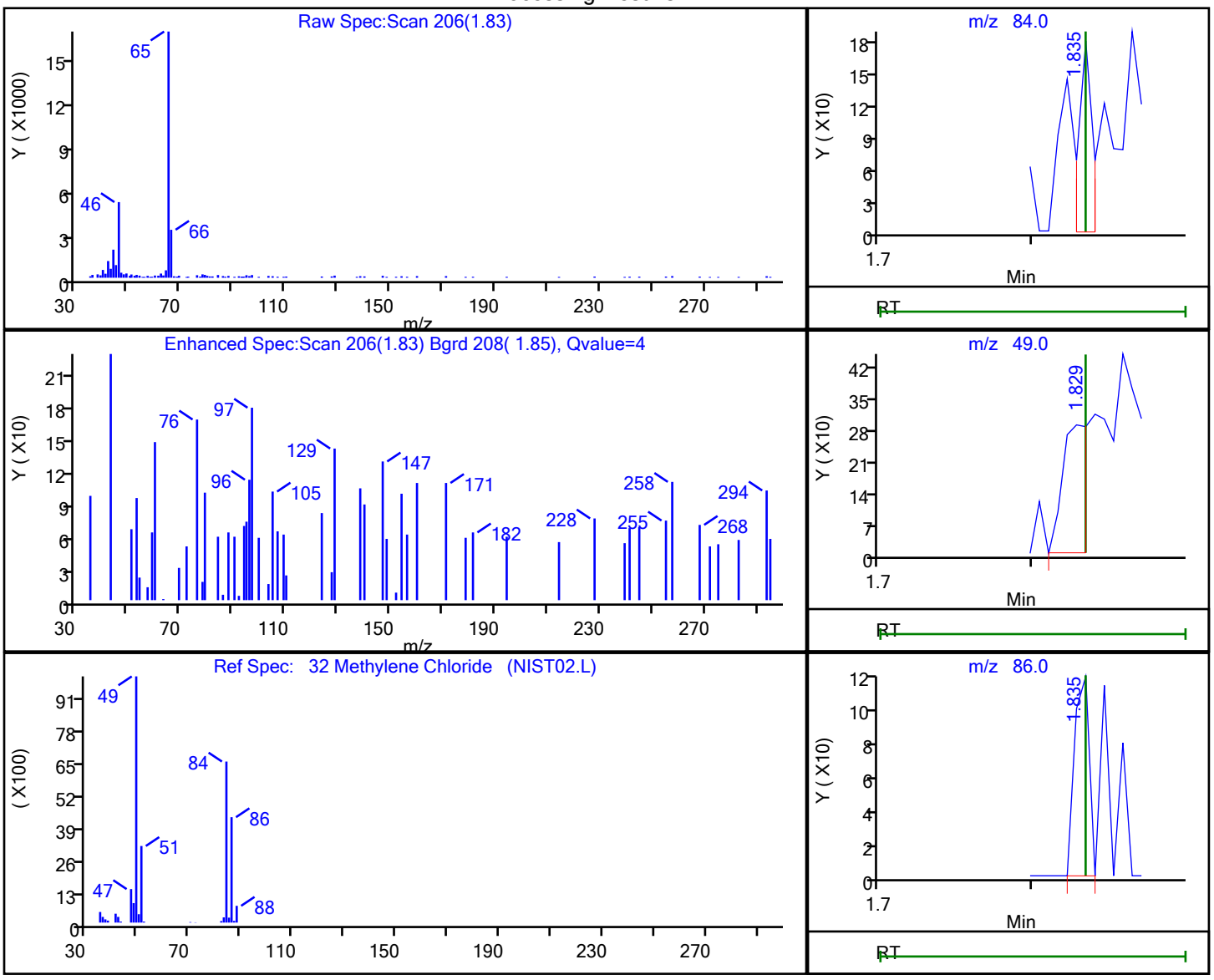
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.83	84.00	115	0.026624
1.83	49.00	340	
1.83	86.00	74	

Reviewer: HVW2, 31-Oct-2023 04:54:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

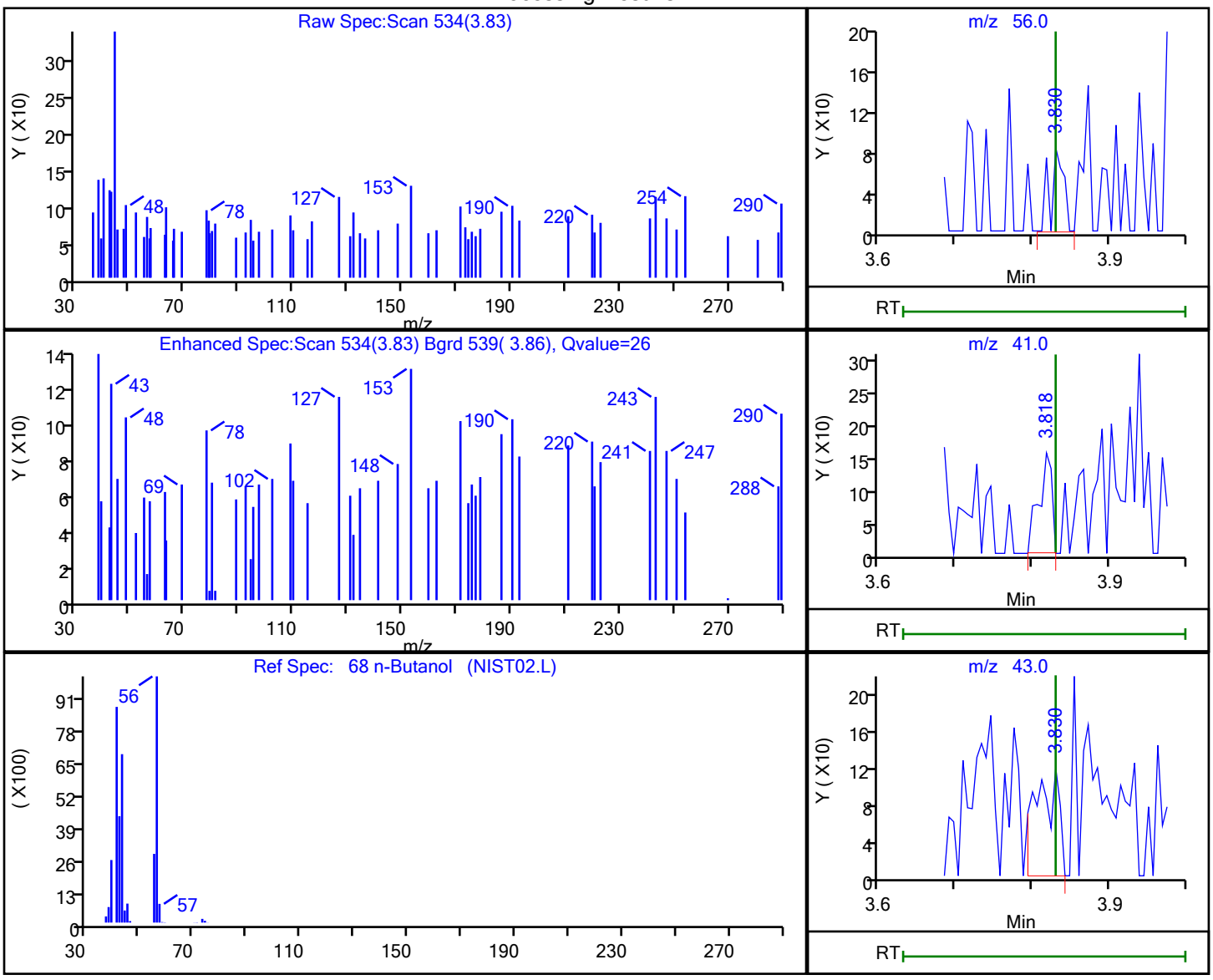
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
3.83	56.00	98	1.157926
3.82	41.00	184	
3.83	43.00	241	

Reviewer: HVW2, 31-Oct-2023 04:55:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

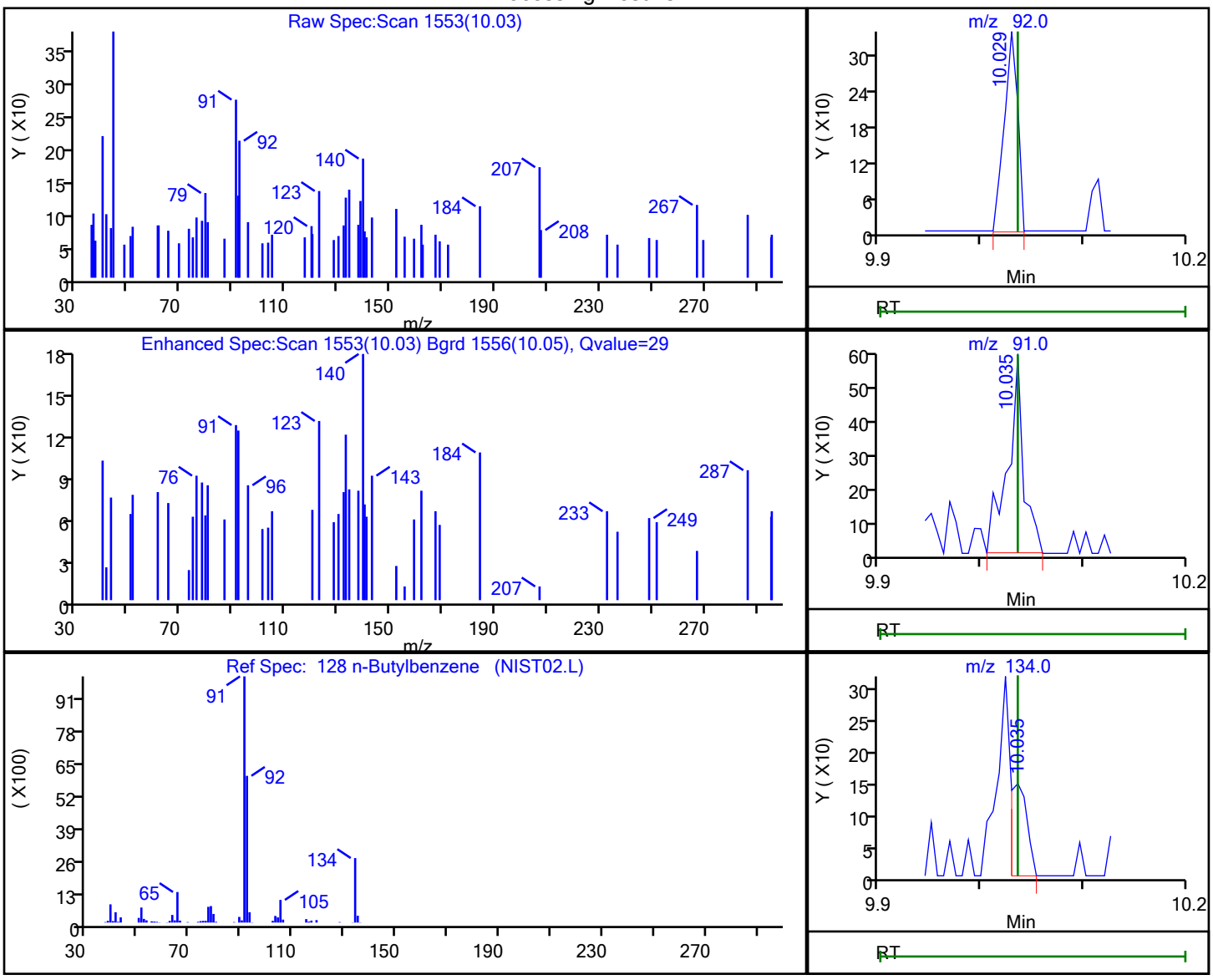
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

128 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.03	92.00	304	0.087885
10.04	91.00	651	
10.04	134.00	165	

Reviewer: HVW2, 31-Oct-2023 04:56:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

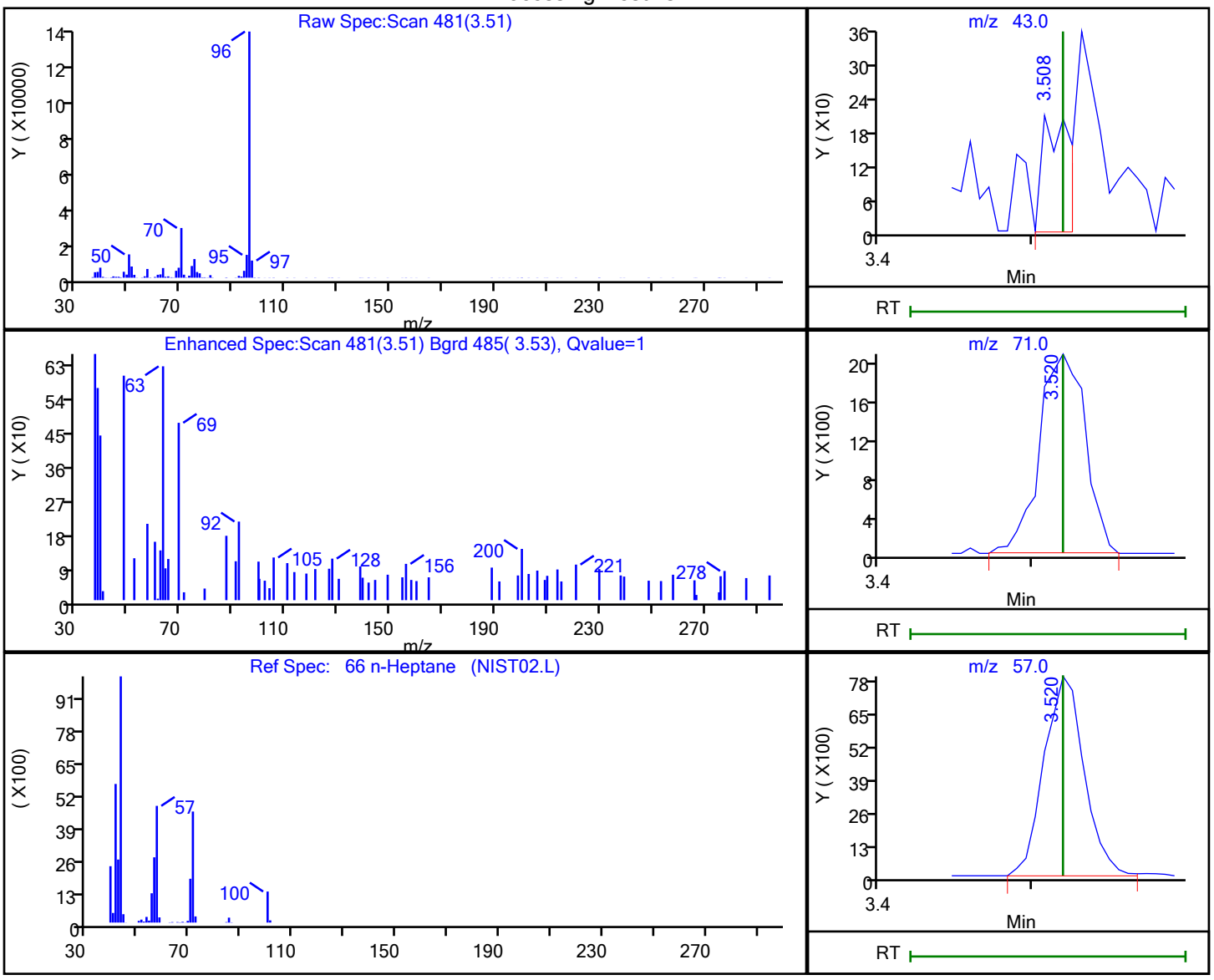
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.51	43.00	254	0.116460
3.52	71.00	4293	
3.52	57.00	14496	

Reviewer: HVW2, 31-Oct-2023 04:55:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

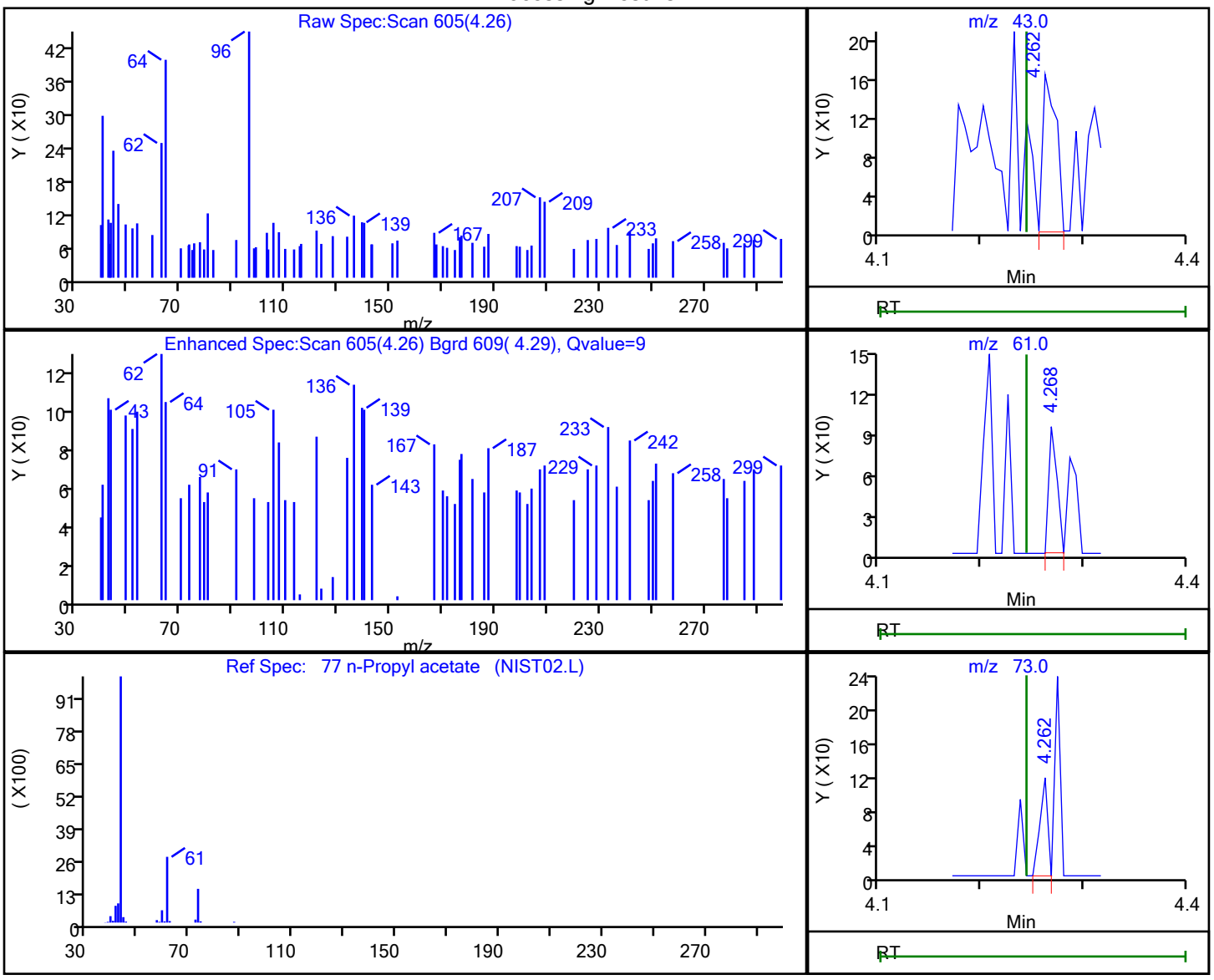
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
4.26	43.00	146	0.050027
4.27	61.00	54	
4.26	73.00	62	

Reviewer: HVW2, 31-Oct-2023 04:55:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

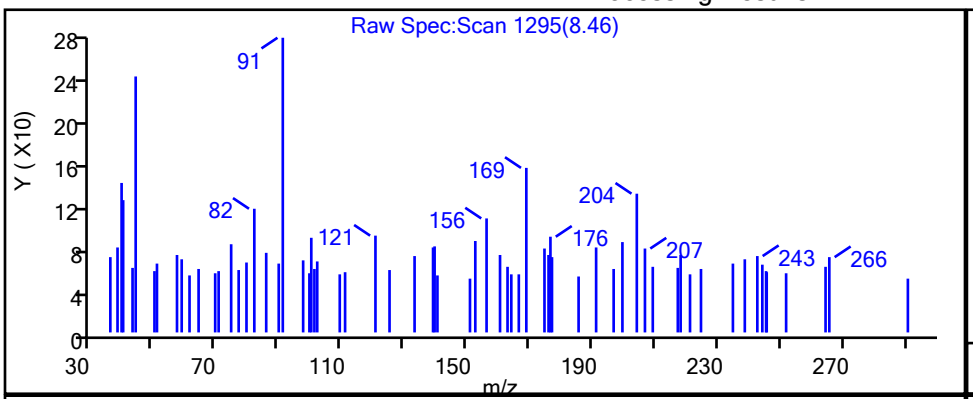
User Disabled Compound Report

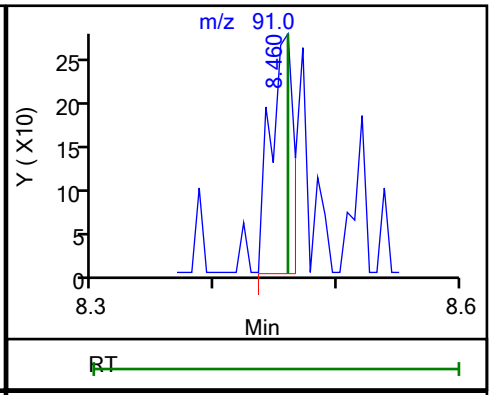
Eurofins Edison

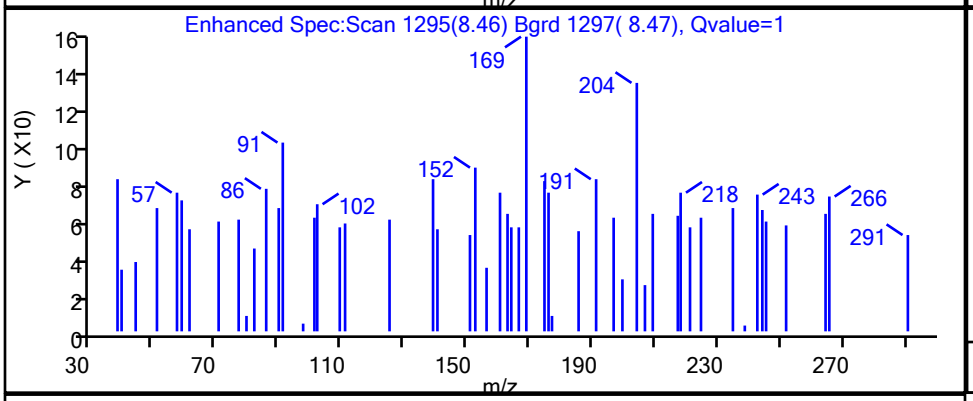
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

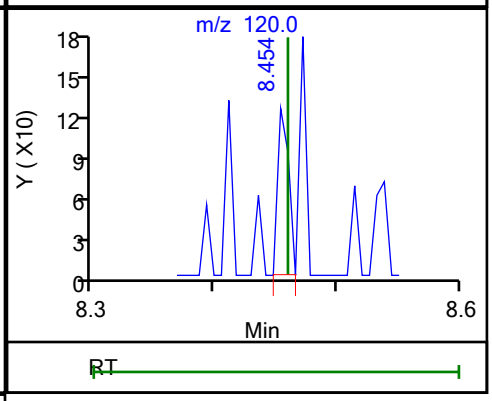
109 N-Propylbenzene, CAS: 103-65-1

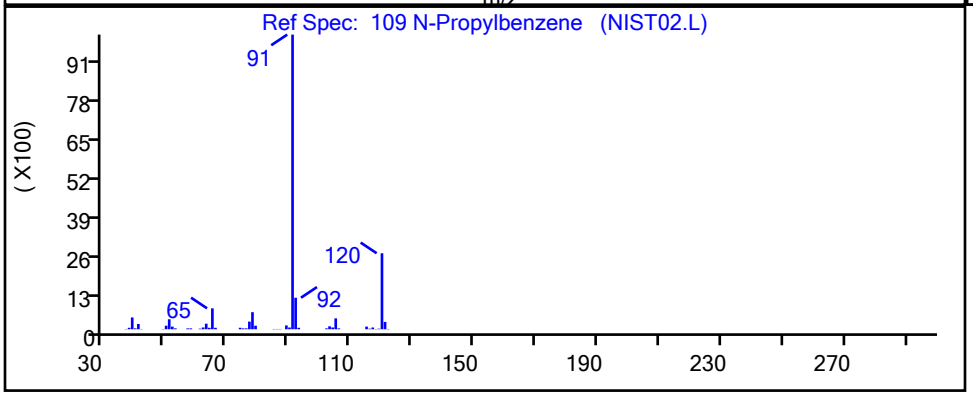
Processing Results











RT	Mass	Response	Amount
8.46	91.00	358	0.036673
8.45	120.00	78	

Reviewer: HVW2, 31-Oct-2023 04:55:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

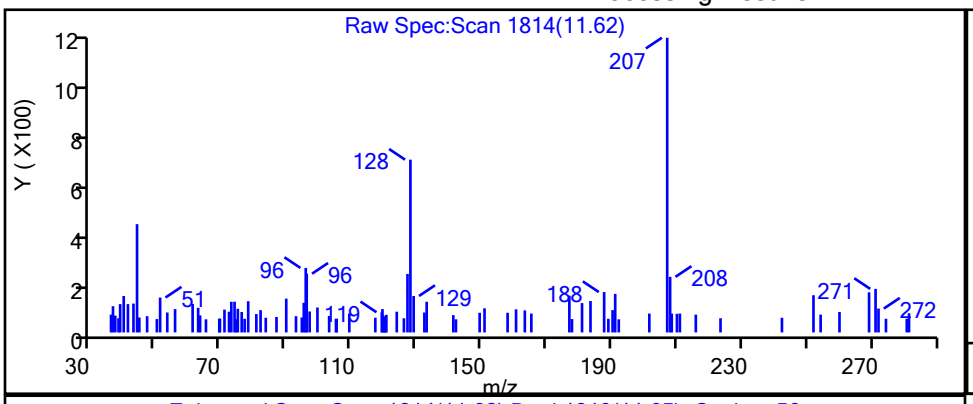
User Disabled Compound Report

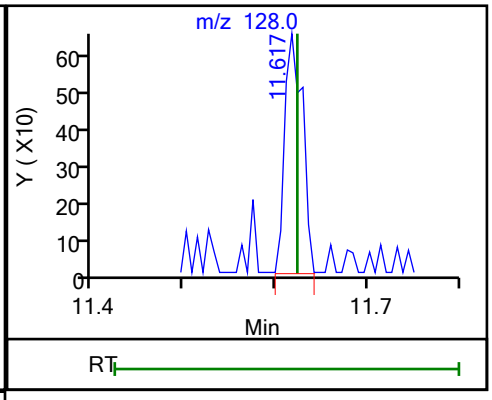
Eurofins Edison

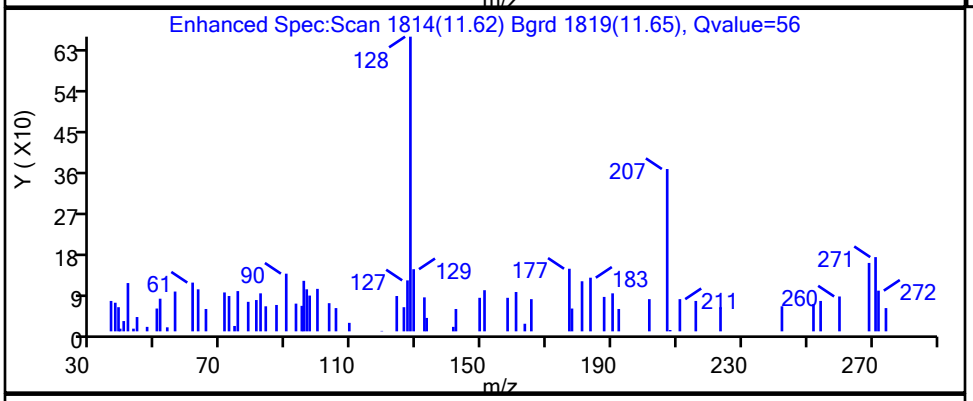
Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D				
Injection Date:	31-Oct-2023 03:38:30	Instrument ID:	CVOAMS11		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

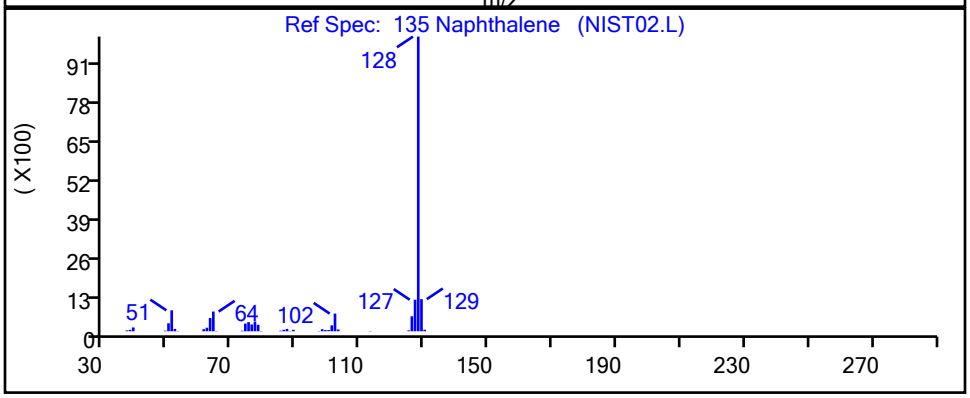
135 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
11.62	128.00	891	0.155057

Reviewer: HVW2, 31-Oct-2023 04:56:21 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

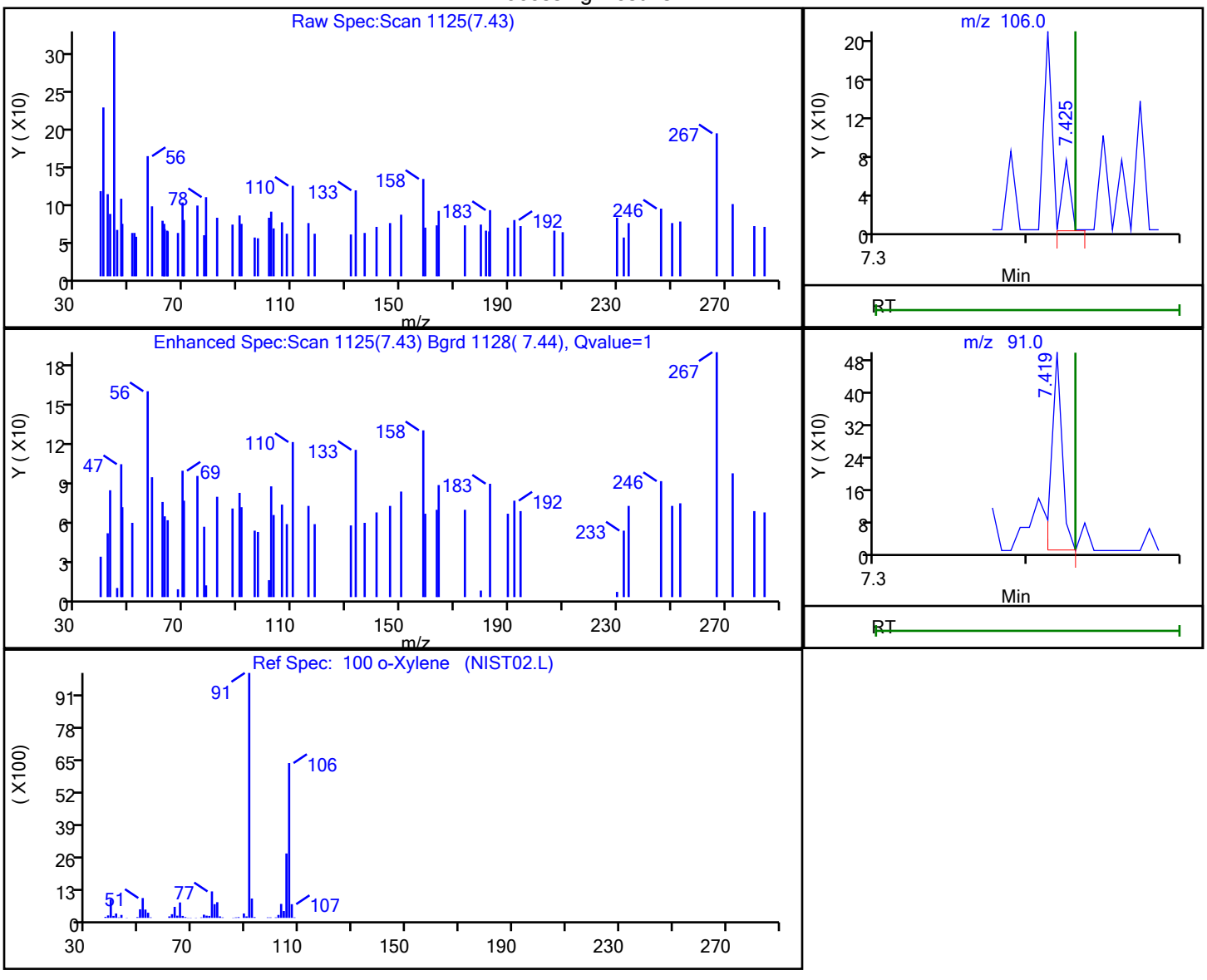
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
7.43	106.00	26	0.007366
7.42	91.00	234	

Reviewer: HVW2, 31-Oct-2023 04:55:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

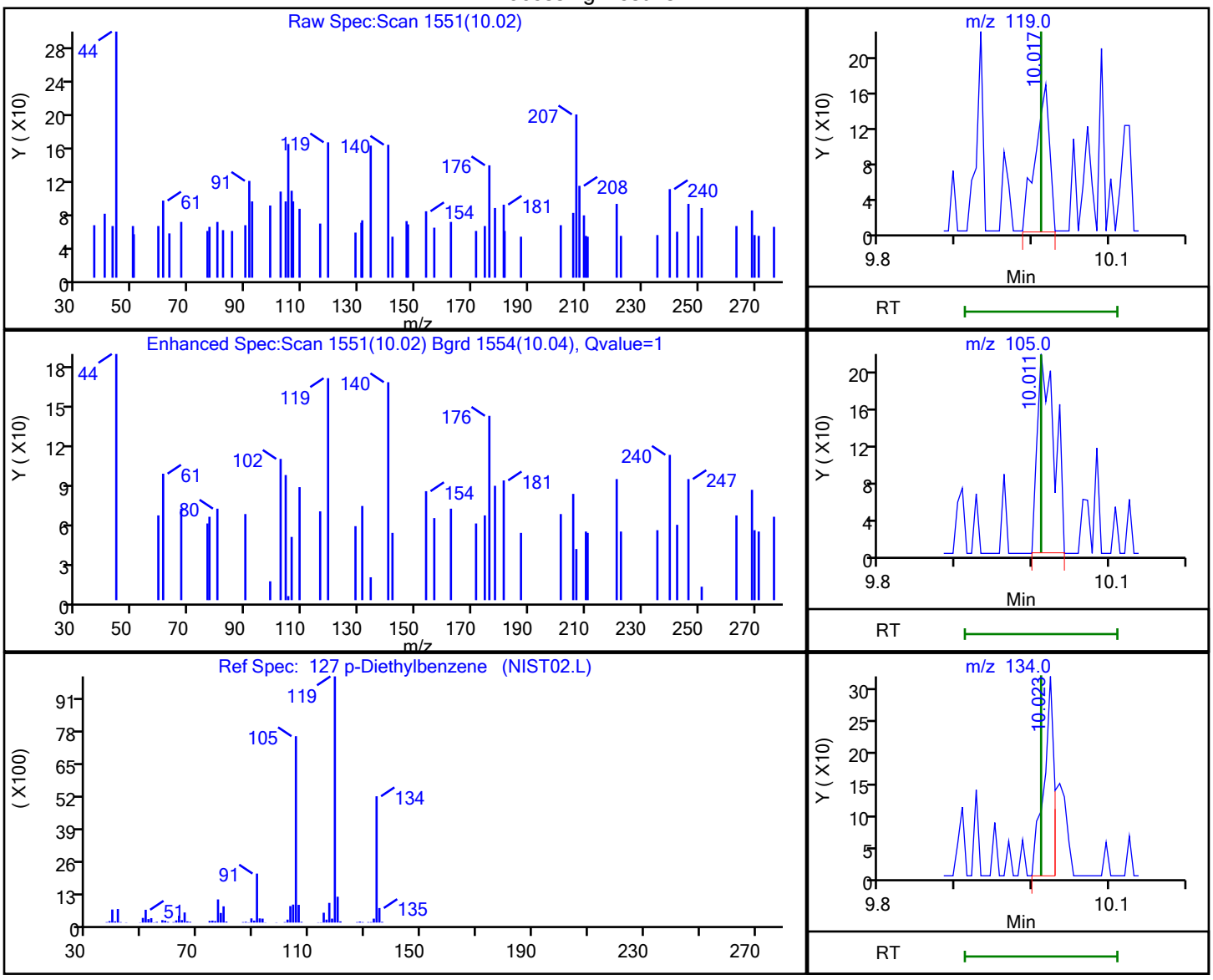
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.02	119.00	214	0.056666
10.01	105.00	333	
10.02	134.00	289	

Reviewer: HVW2, 31-Oct-2023 04:56:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

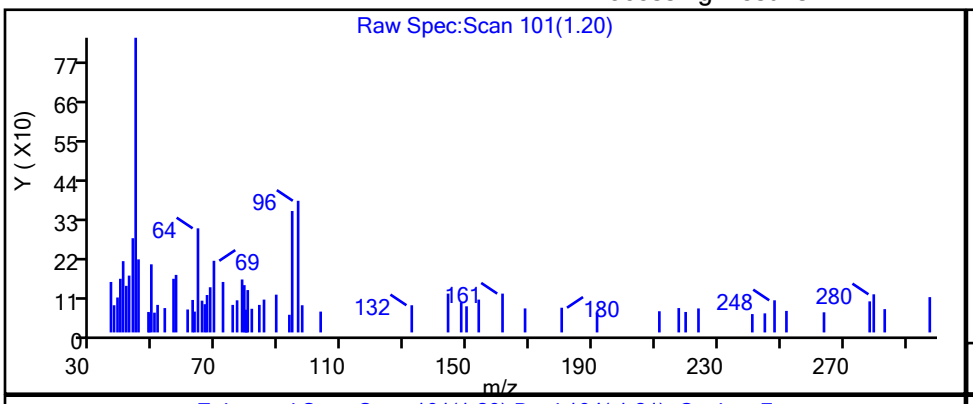
User Disabled Compound Report

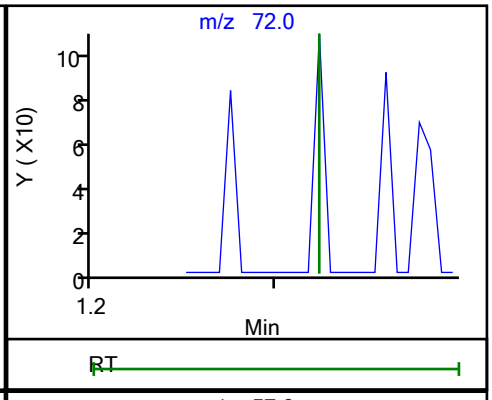
Eurofins Edison

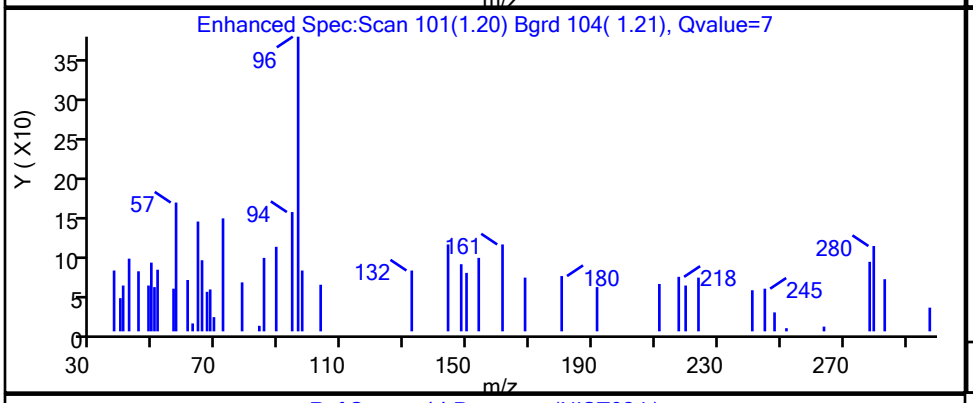
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

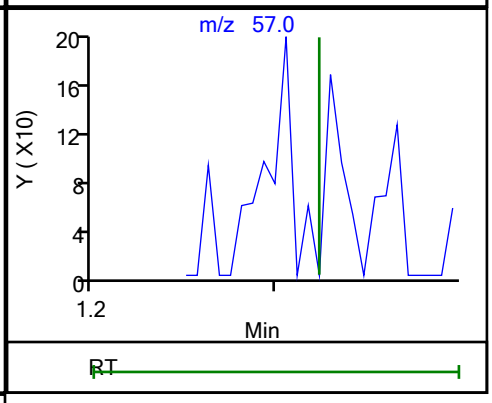
14 Pentane, CAS: 109-66-0

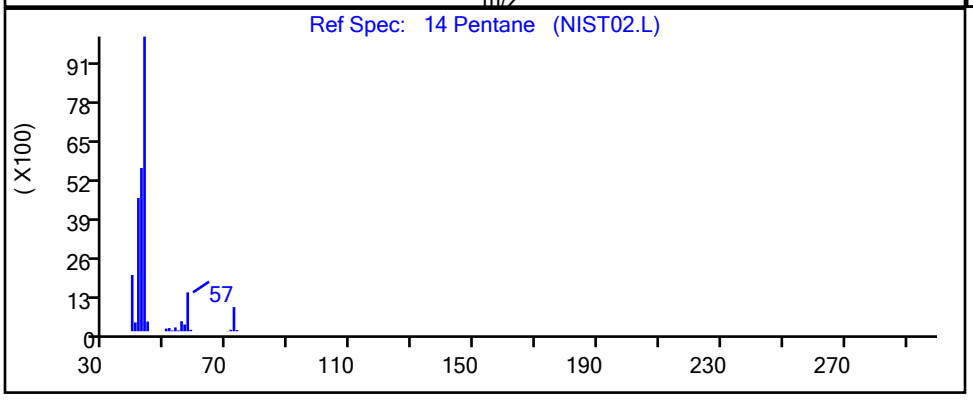
Processing Results











RT	Mass	Response	Amount
1.20	72.00	72	0.134346
1.20	57.00	82	

Reviewer: HVW2, 31-Oct-2023 04:54:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

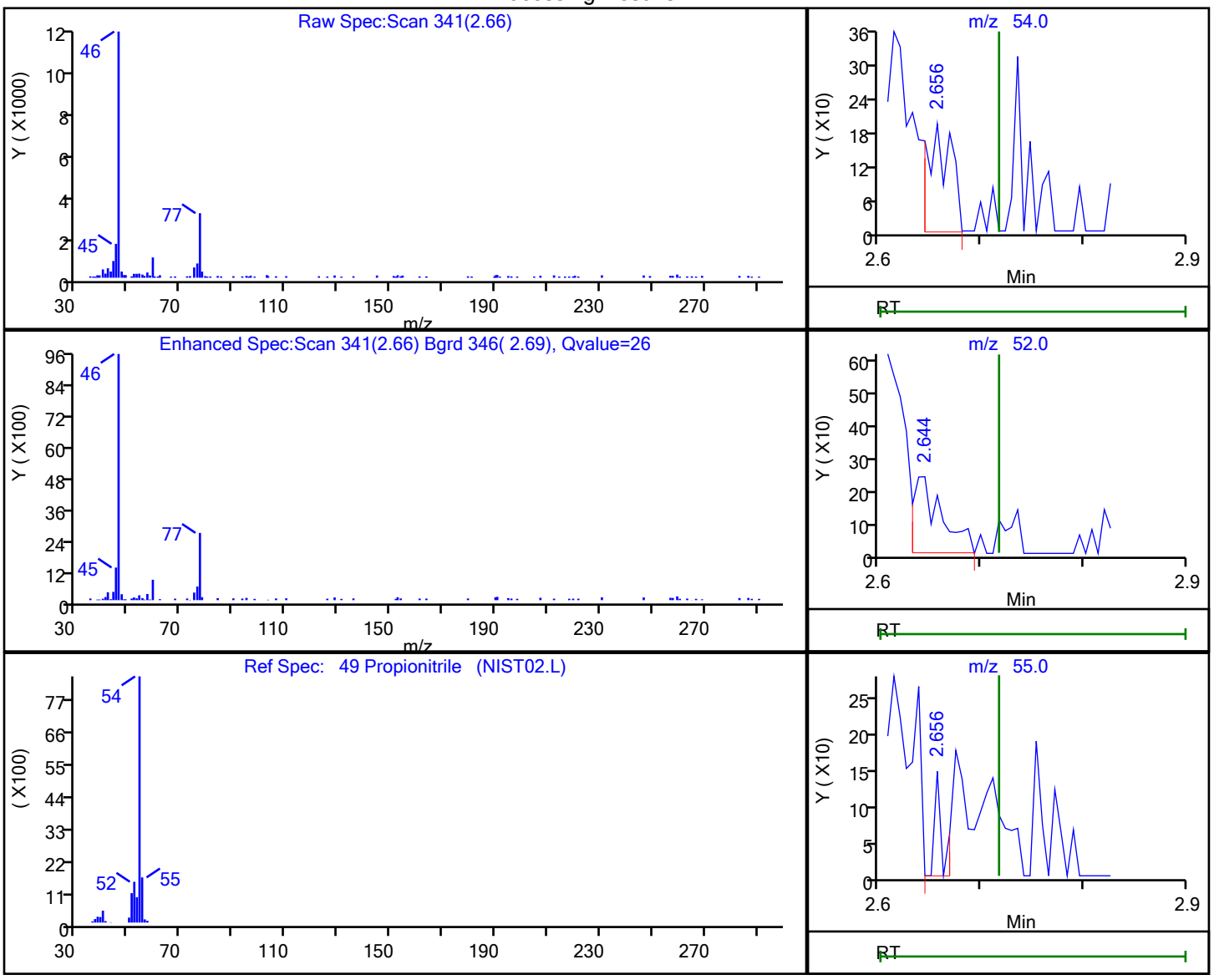
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.66	54.00	301	0.646693
2.64	52.00	465	
2.66	55.00	74	

Reviewer: HVW2, 31-Oct-2023 04:55:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

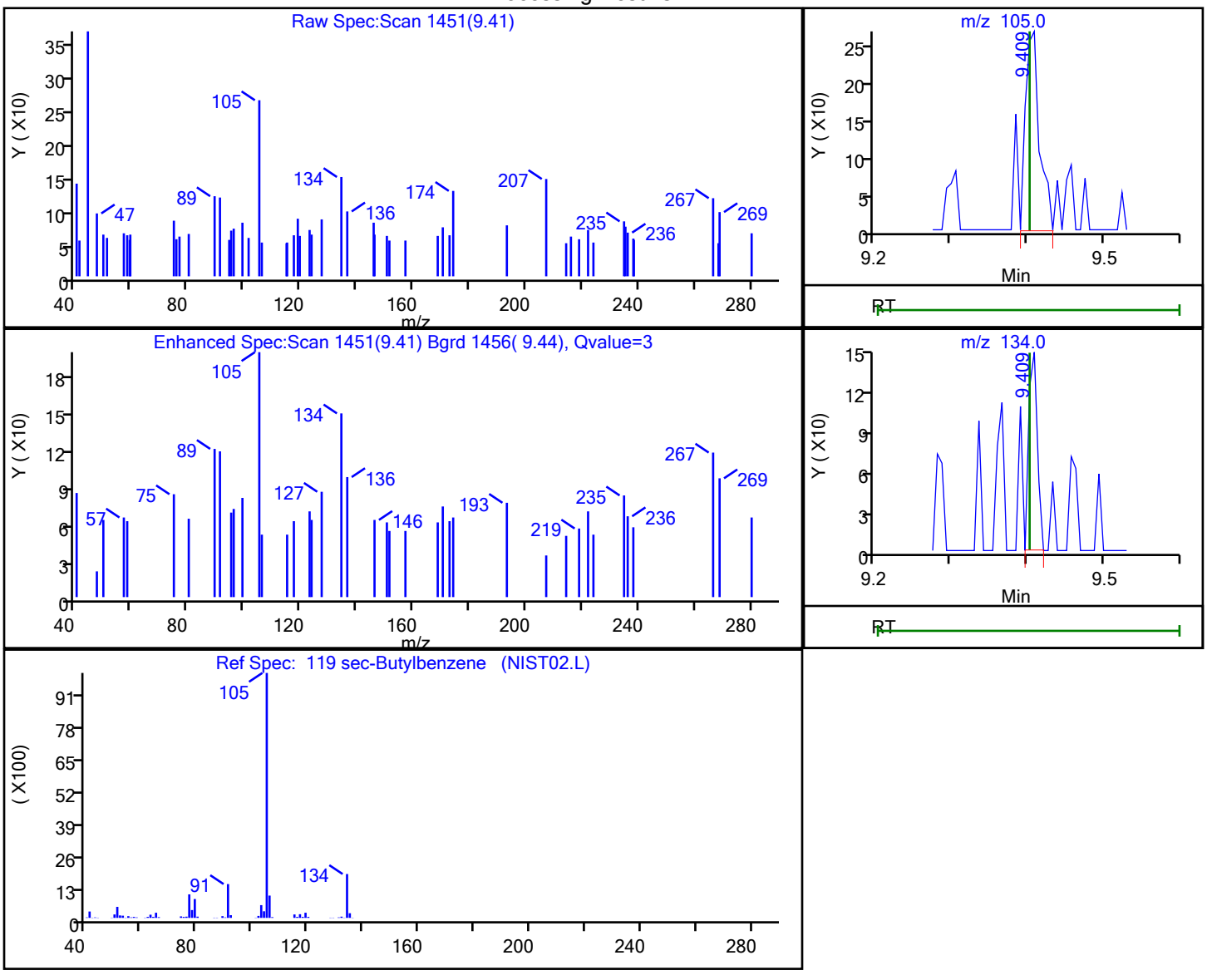
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
9.41	105.00	340	0.042942
9.41	134.00	119	

Reviewer: HVW2, 31-Oct-2023 04:56:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

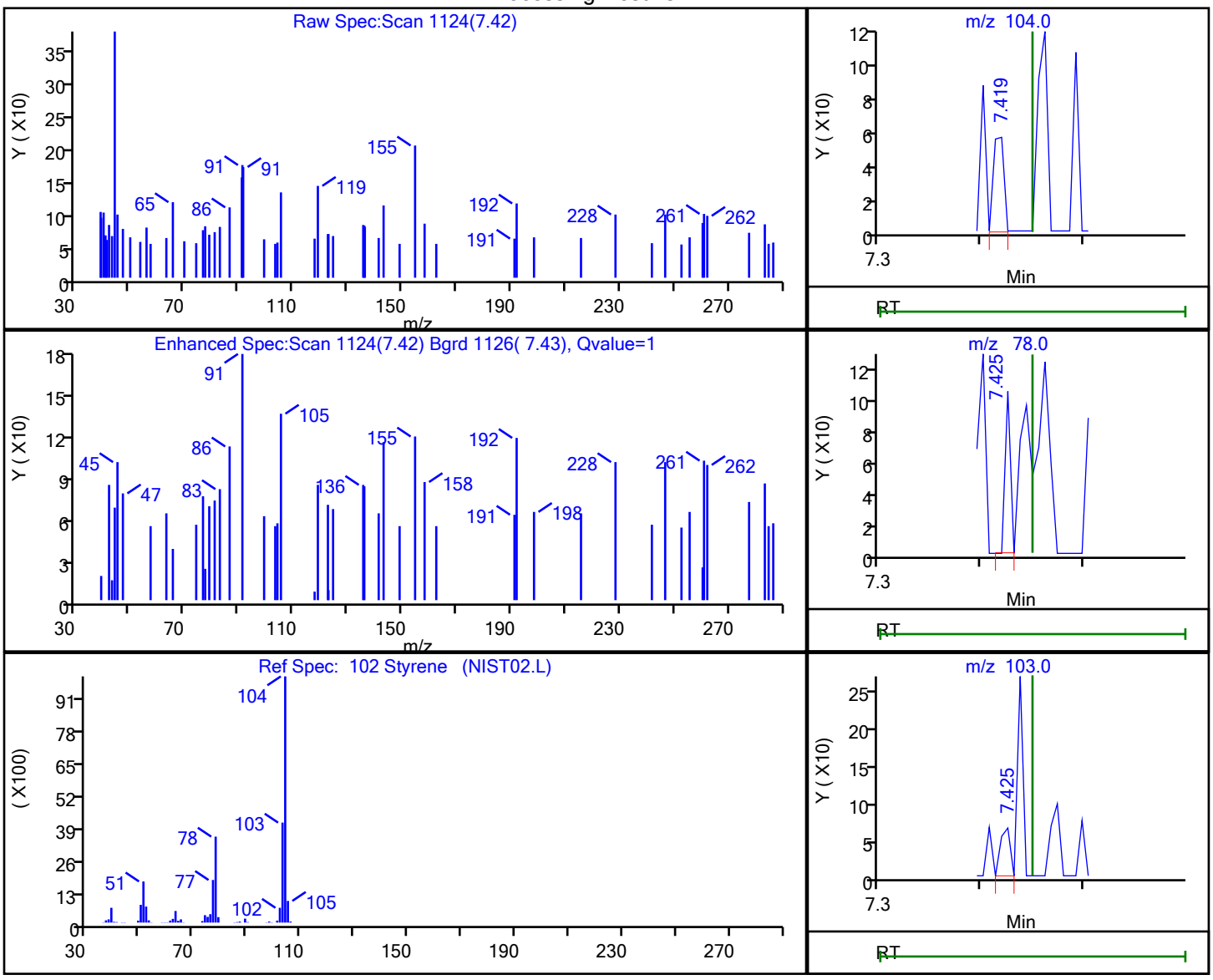
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
7.42	104.00	39	0.007624
7.43	78.00	38	
7.43	103.00	42	

Reviewer: HVW2, 31-Oct-2023 04:55:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

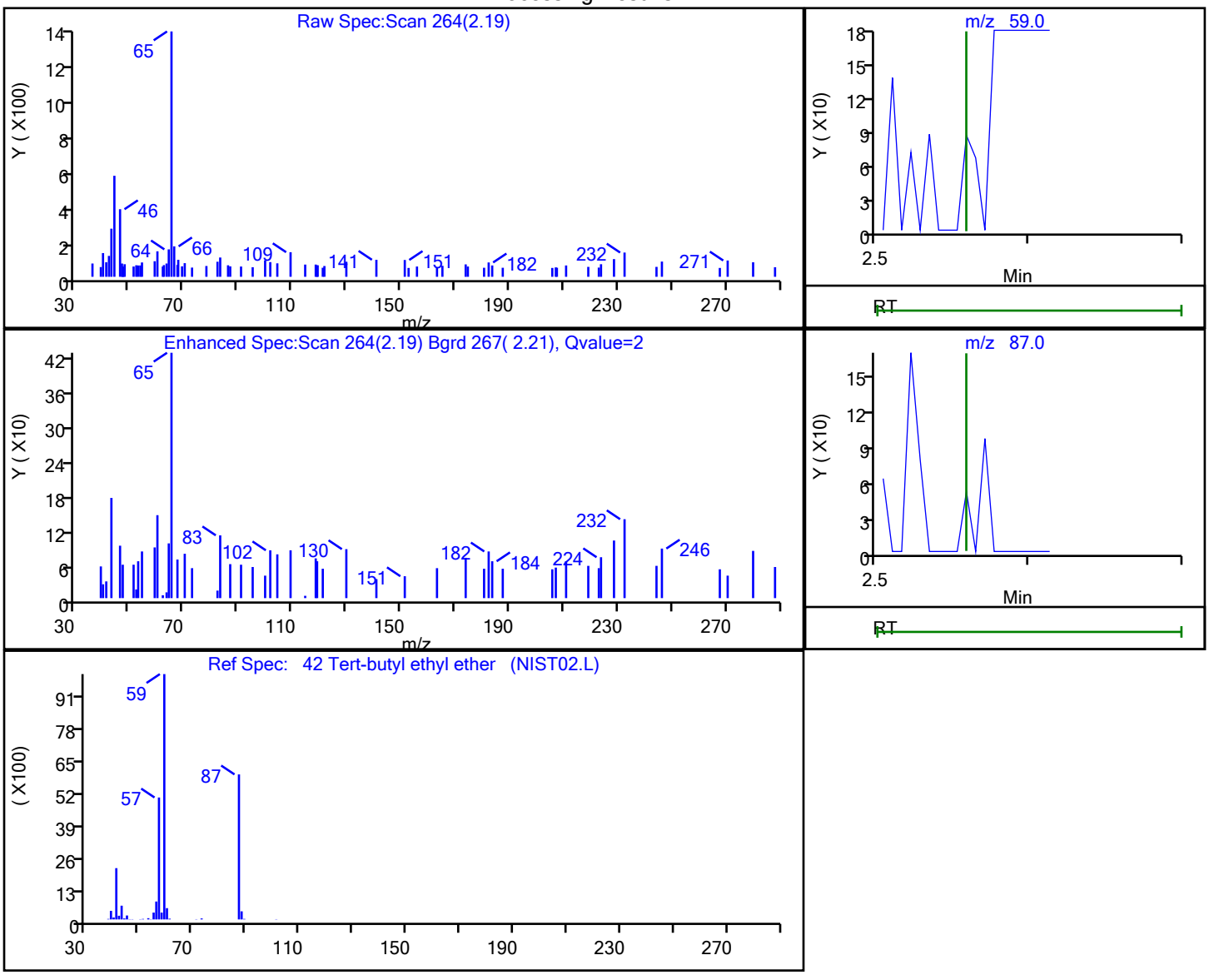
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
2.19	59.00	52	0.007322
2.19	87.00	68	

Reviewer: HVW2, 31-Oct-2023 04:55:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

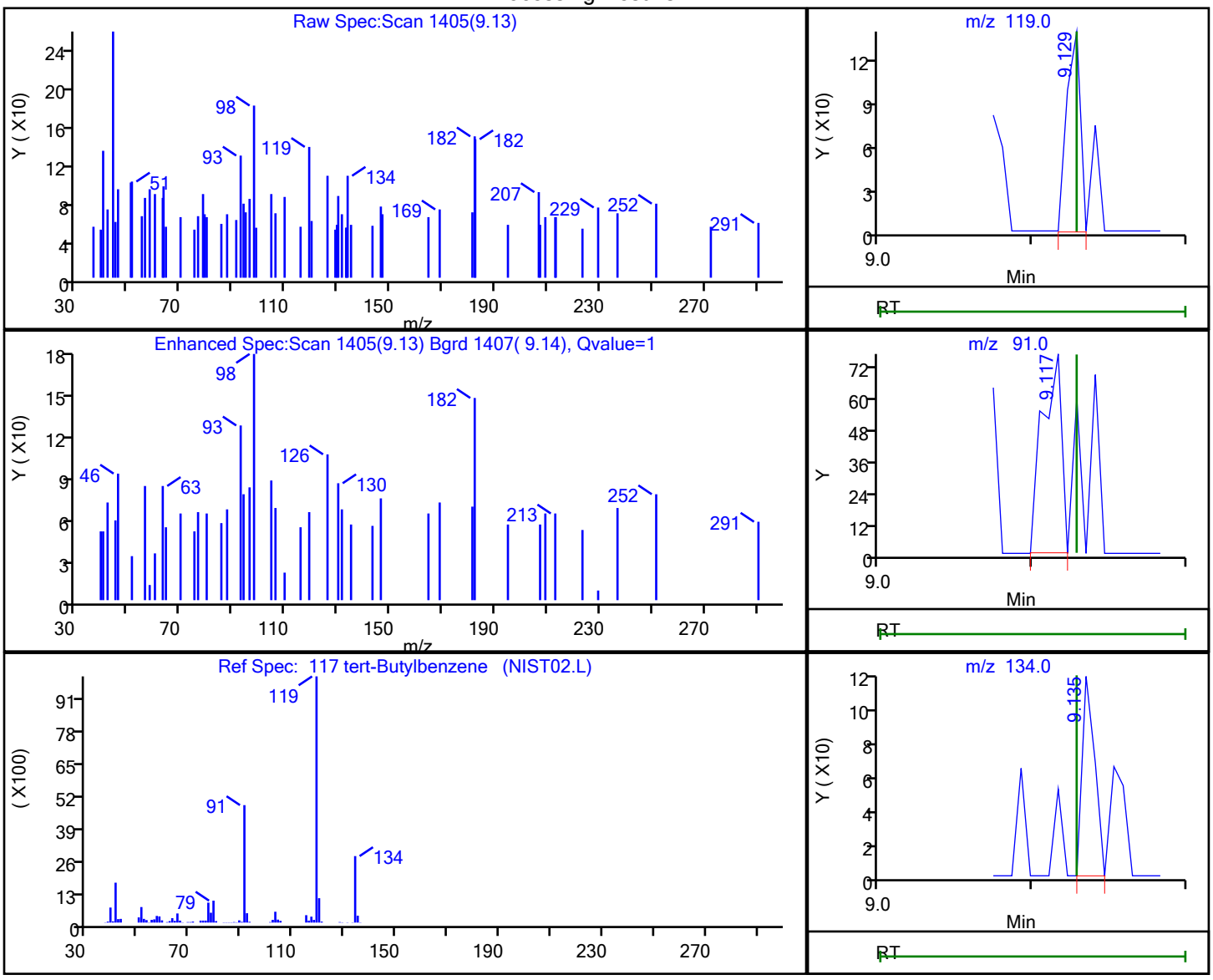
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.13	119.00	85	0.016539
9.12	91.00	67	
9.13	134.00	66	

Reviewer: HVW2, 31-Oct-2023 04:55:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

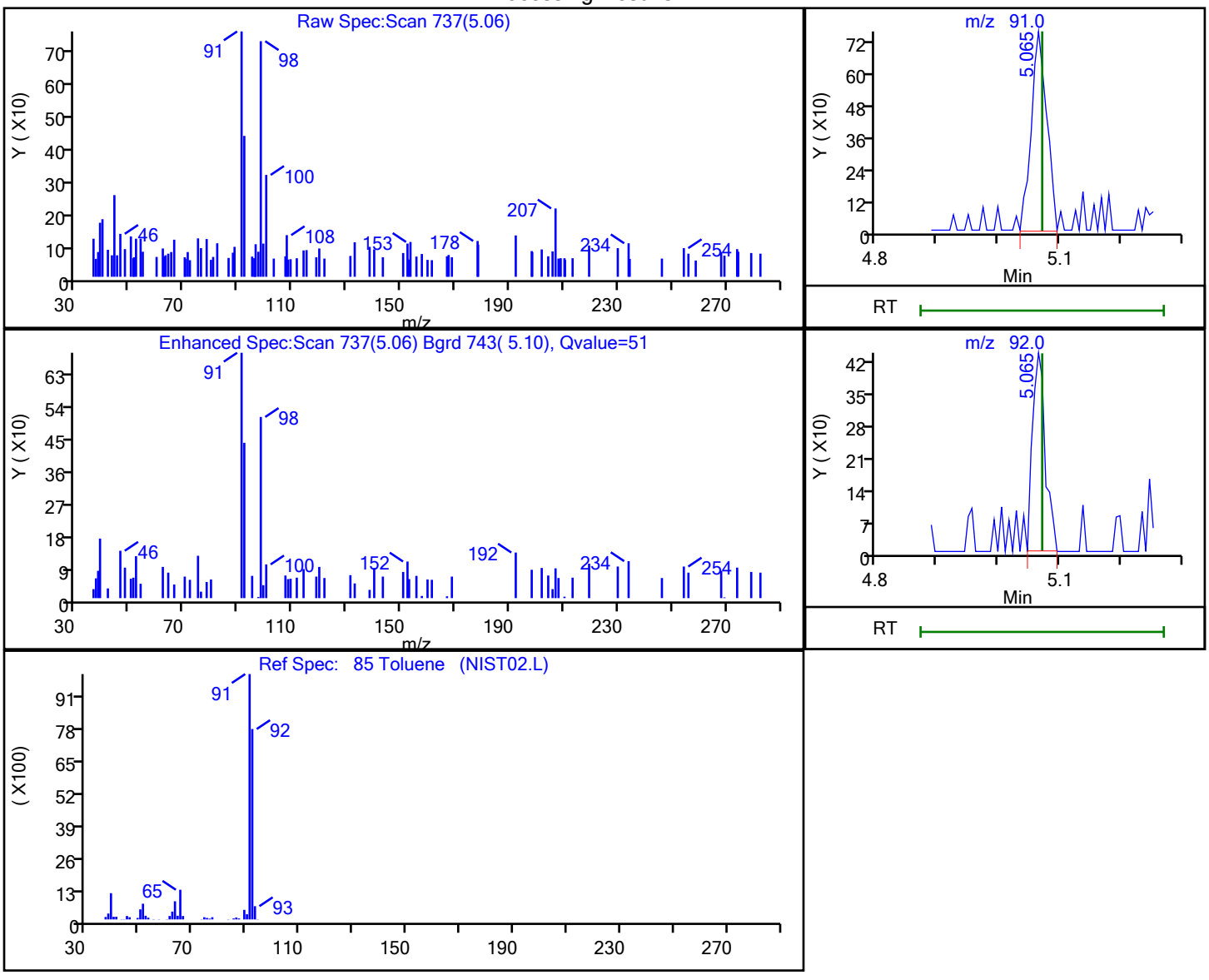
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.06	91.00	1324	0.119608
5.06	92.00	631	

Reviewer: HVW2, 31-Oct-2023 04:55:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

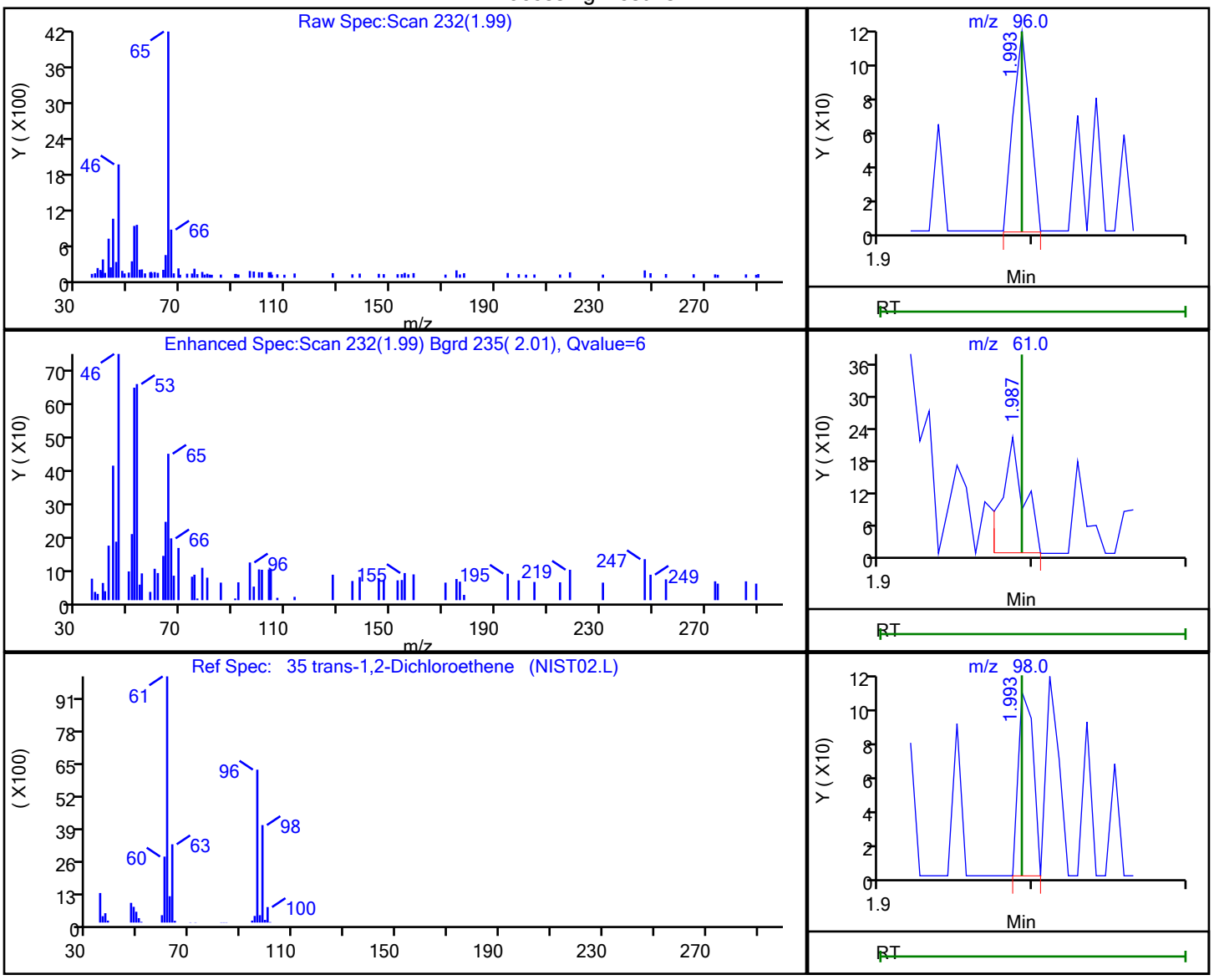
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
1.99	96.00	87	0.024626
1.99	61.00	218	
1.99	98.00	71	

Reviewer: HVW2, 31-Oct-2023 04:54:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

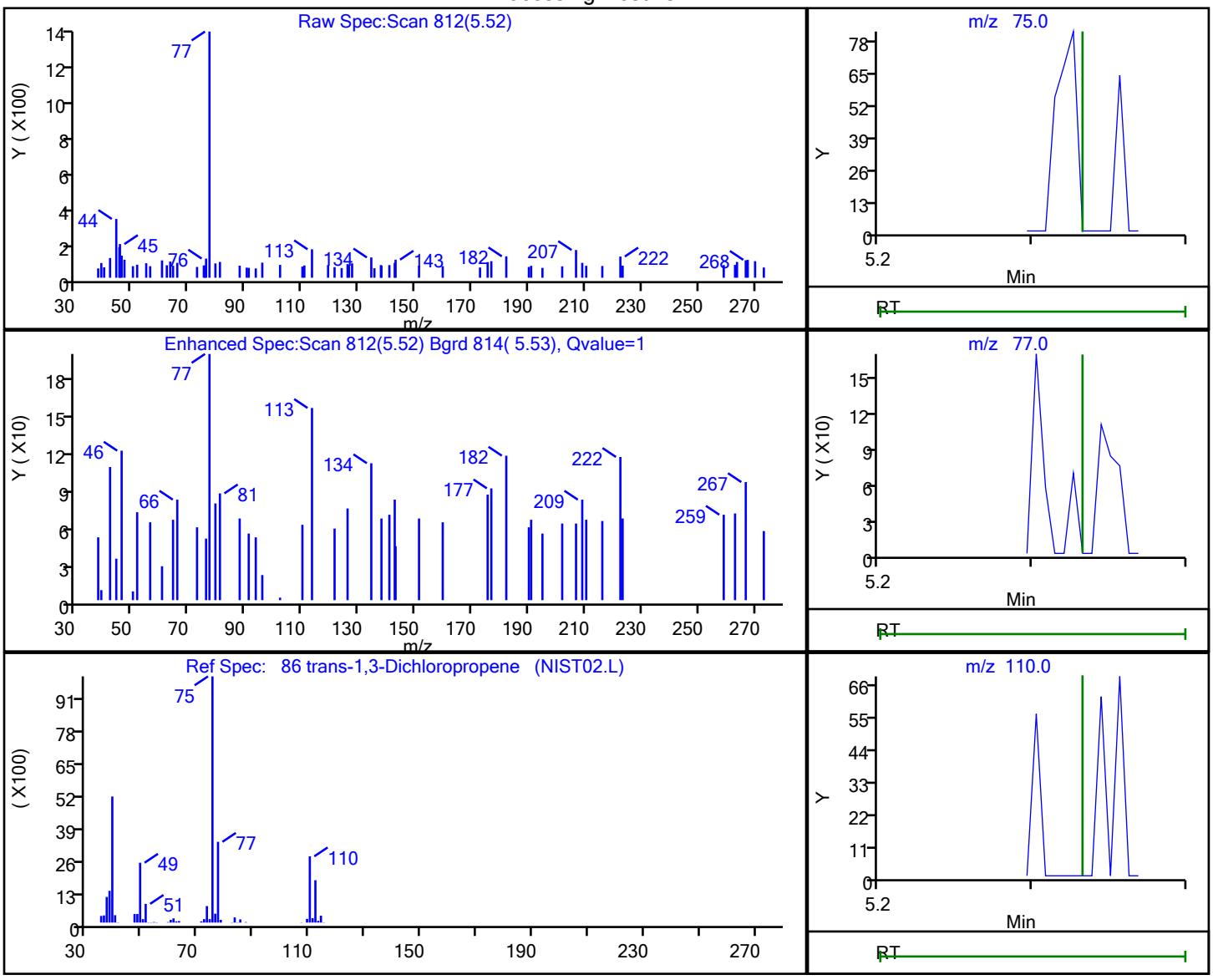
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
5.52	75.00	48	0.014209
5.52	77.00	3550	
5.52	110.00	46	

Reviewer: HVW2, 31-Oct-2023 04:55:37 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

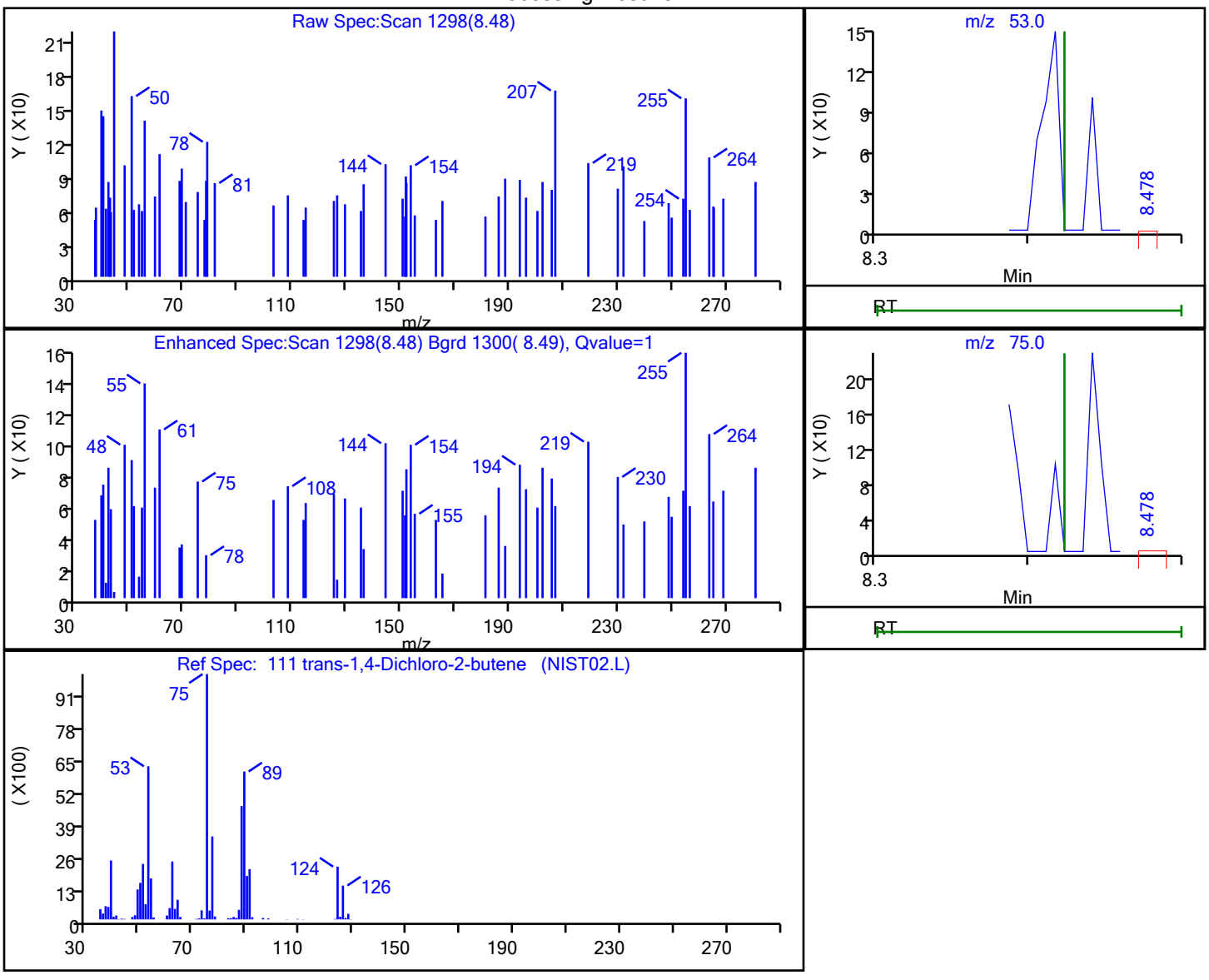
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
8.48	53.00	24	0.036101
8.48	75.00	54	

Reviewer: HVW2, 31-Oct-2023 04:55:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

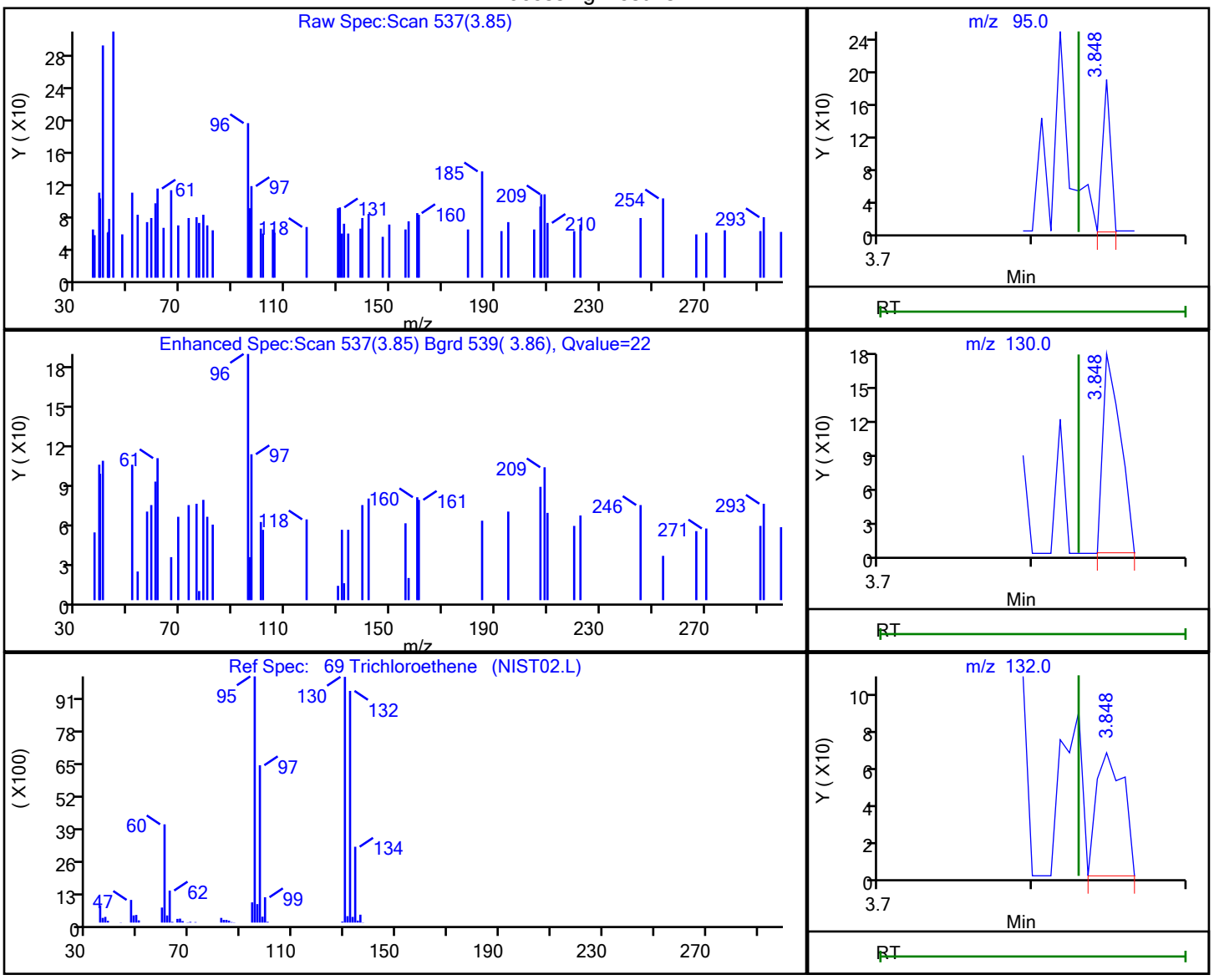
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
3.85	95.00	69	0.024511
3.85	130.00	136	
3.85	132.00	81	

Reviewer: HVW2, 31-Oct-2023 04:55:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

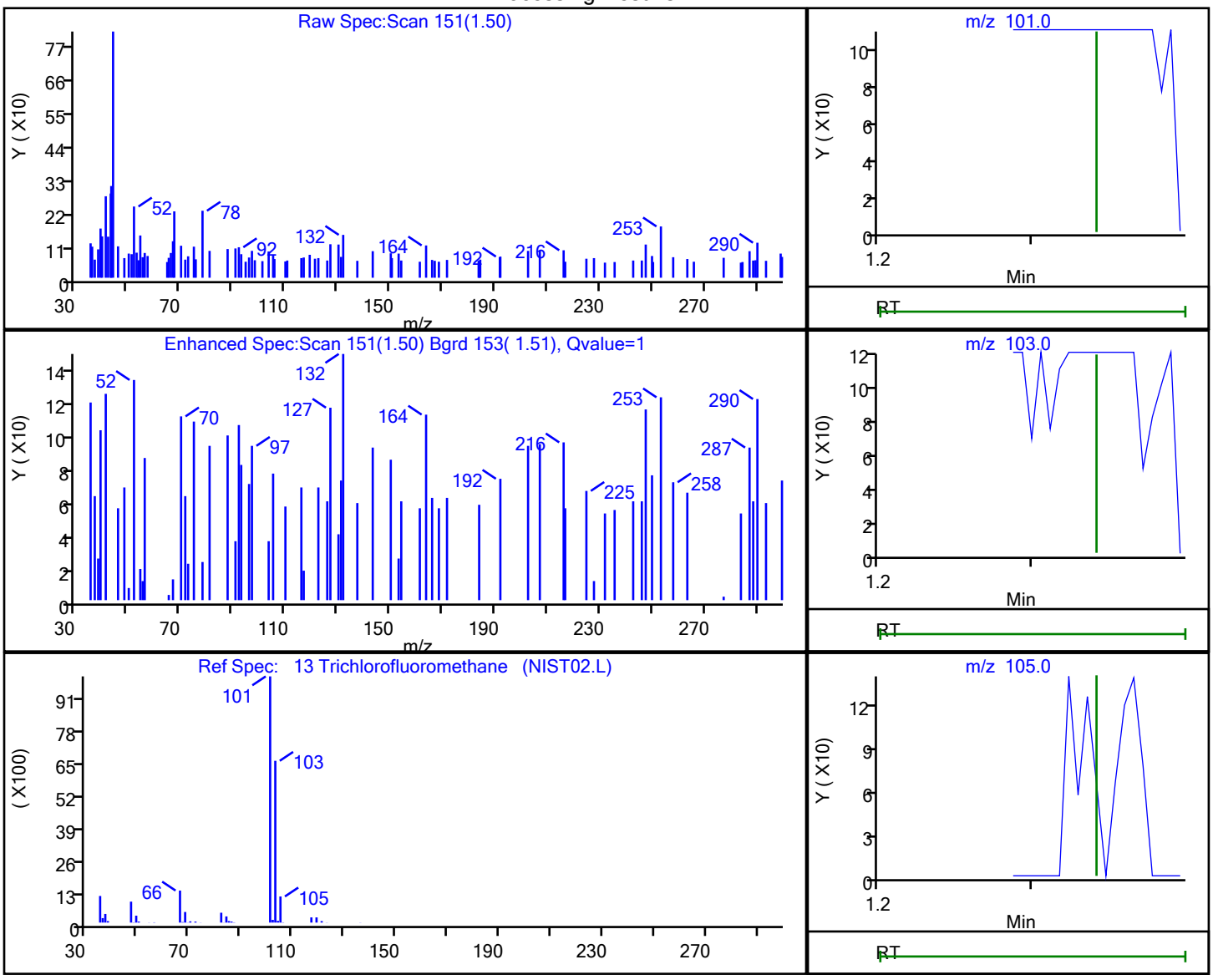
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.50	101.00	39	0.250000
1.49	103.00	41	
1.50	105.00	70	

Reviewer: HVW2, 31-Oct-2023 04:04:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

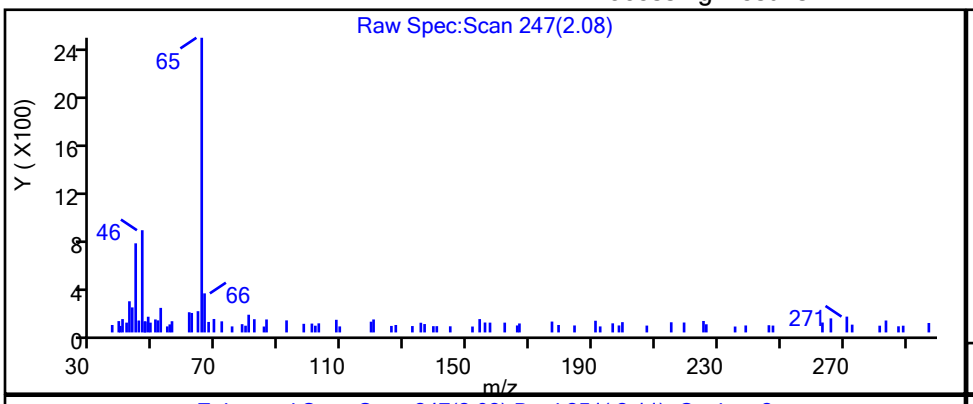
User Disabled Compound Report

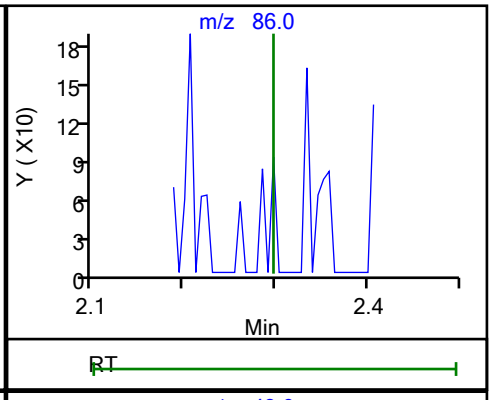
Eurofins Edison

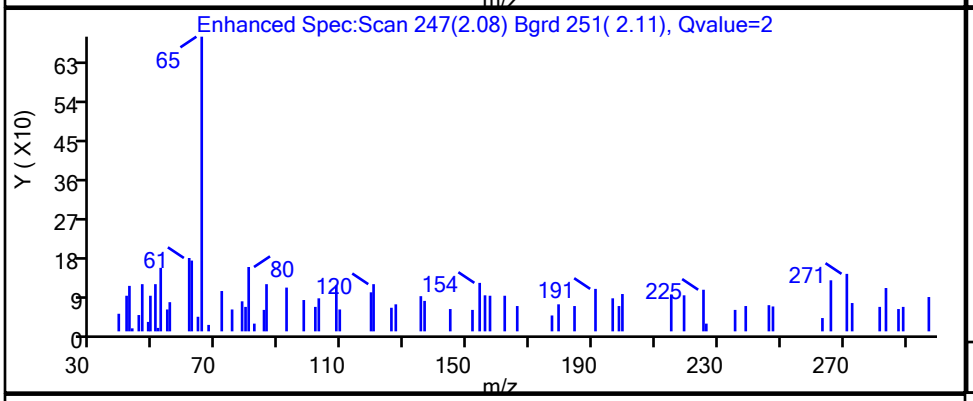
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

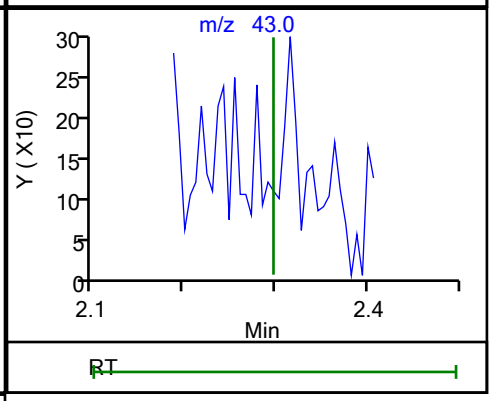
40 Vinyl acetate, CAS: 108-05-4

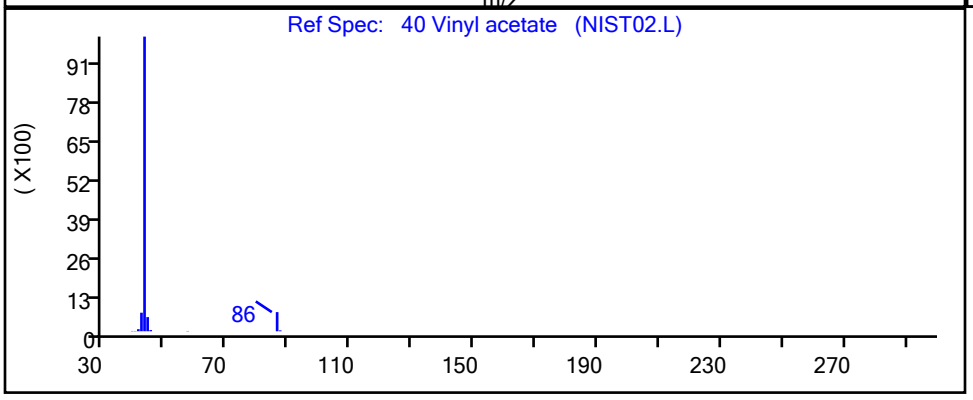
Processing Results











RT	Mass	Response	Amount
2.08	86.00	71	0.121014
2.09	43.00	332	

Reviewer: HVW2, 31-Oct-2023 04:55:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

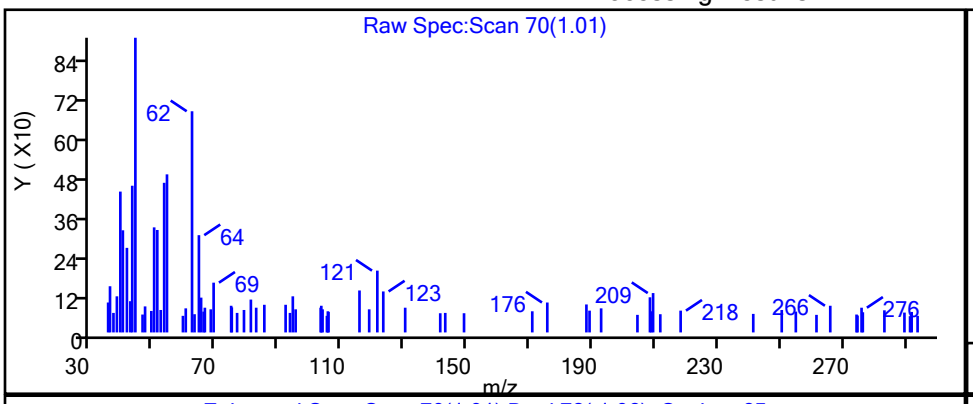
User Disabled Compound Report

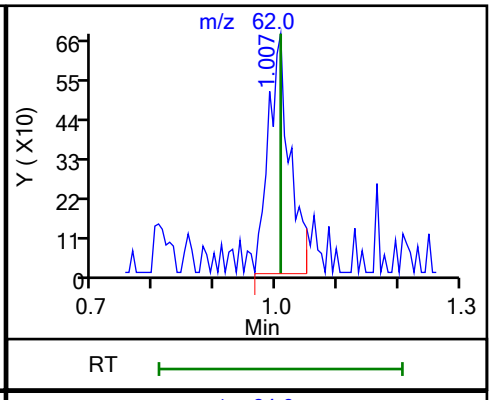
Eurofins Edison

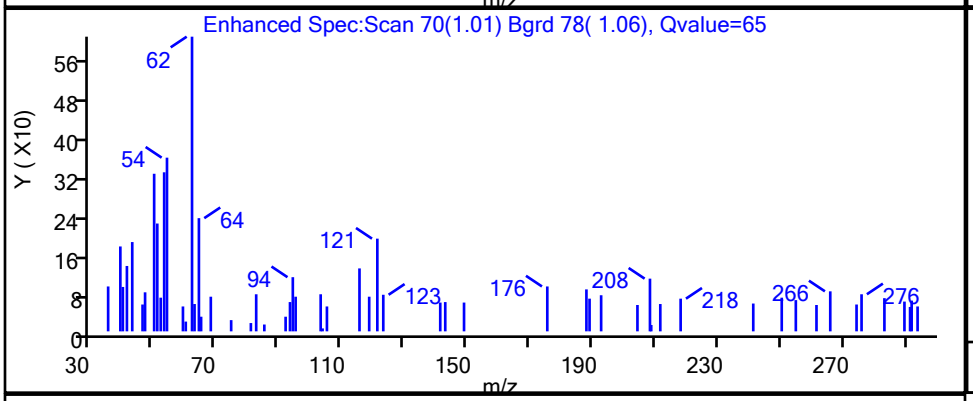
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72804.D
Injection Date: 31-Oct-2023 03:38:30 Instrument ID: CVOAMS11
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

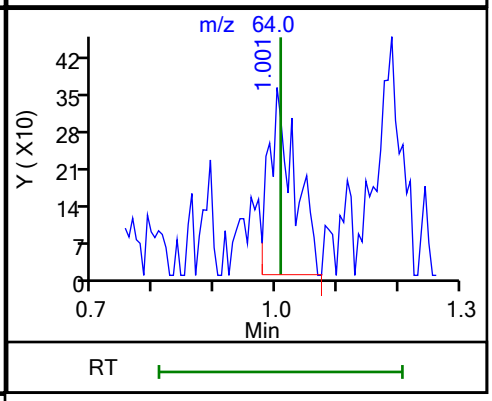
8 Vinyl chloride, CAS: 75-01-4

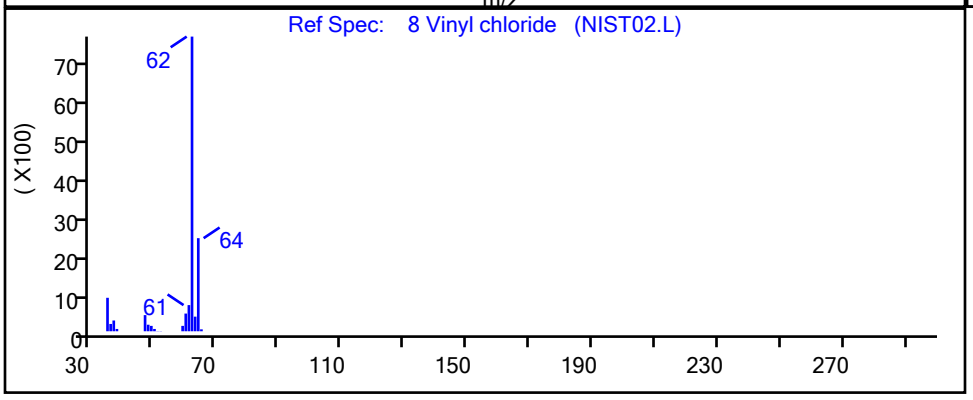
Processing Results











RT	Mass	Response	Amount
1.01	62.00	1629	0.250000
1.00	64.00	1036	

Reviewer: HVW2, 31-Oct-2023 04:03:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 31-Oct-2023 04:01:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0168175-004
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:49:45 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 04:50:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.825	0.006	51	1526	1.00	1.68	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	95	7910	1.00	1.18	a
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	62	4829	1.00	1.03	
7 Chloromethane	52	0.952	0.958	-0.006	96	1315	1.00	0.9753	M
8 Vinyl chloride	62	1.001	1.007	-0.006	95	4570	1.00	1.08	
9 Butadiene	54	1.013	1.013	0.000	85	4070	1.00	1.10	
10 Bromomethane	94	1.171	1.178	-0.007	98	4214	1.00	1.11	
11 Chloroethane	64	1.177	1.190	-0.013	77	3155	1.00	1.22	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	97	8332	1.00	1.11	
14 Pentane	72	1.329	1.324	0.005	94	867	2.00	1.75	
13 Trichlorofluoromethane	101	1.336	1.342	-0.006	96	6179	1.00	1.13	M
16 Ethyl ether	74	1.433	1.433	0.000	70	2816	1.00	0.99	
15 Ethanol	46	1.421	1.439	-0.018	1	324	40.0	30.3	a
17 2-Methyl-1,3-butadiene	53	1.445	1.451	-0.006	90	2521	1.00	1.05	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.469	1.470	-0.001	78	3535	1.00	1.10	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.512	1.500	0.012	59	5345	1.00	1.07	a
20 Acrolein	56	1.512	1.518	-0.006	63	1636	4.00	3.47	
22 1,1-Dichloroethene	96	1.567	1.561	0.006	95	3730	1.00	1.16	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.591	1.597	-0.006	68	3900	1.00	1.10	
23 Acetone	58	1.603	1.597	0.006	48	1995	5.00	6.24	
24 Iodomethane	142	1.646	1.652	-0.006	99	6964	1.00	1.08	
25 Isopropyl alcohol	45	1.743	1.676	0.067	31	1200	10.0	8.14	
26 Carbon disulfide	76	1.682	1.682	0.000	99	13971	1.00	1.14	M
30 Acetonitrile	39	1.755	1.762	-0.007	77	3415	10.0	11.0	
27 3-Chloro-1-propene	76	1.761	1.762	-0.001	83	2537	1.00	0.9884	
28 Methyl acetate	74	1.768	1.774	-0.006	54	1179	2.00	1.98	
29 Cyclopentene	67	1.798	1.804	-0.006	90	6505	1.00	1.07	
32 Methylene Chloride	84	1.828	1.835	-0.007	88	4464	1.00	1.20	
* 31 TBA-d9 (IS)	46	1.871	1.871	0.000	100	89341	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.950	1.944	0.006	32	4211	10.0	11.8	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.974	1.987	-0.013	95	11456	10.0	10.2	
35 trans-1,2-Dichloroethene	96	1.993	1.993	0.000	88	3578	1.00	1.12	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	81	8764	1.00	0.9754	
37 Hexane	56	2.157	2.157	0.000	86	1361	1.00	0.9042	
39 1,1-Dichloroethane	63	2.248	2.254	-0.006	97	5766	1.00	1.07	
40 Vinyl acetate	86	2.297	2.297	0.000	98	1205	2.00	2.34	
38 Isopropyl ether	45	2.309	2.309	0.000	90	8315	1.00	1.02	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	84	2527	1.00	0.9436	
42 Tert-butyl ethyl ether	59	2.546	2.558	-0.012	84	6276	1.00	0.7696	Ma
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	96	257677	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.650	2.650	0.000	91	3858	1.00	1.10	
46 2-Butanone (MEK)	72	2.650	2.650	0.000	56	1912	5.00	5.60	
44 2,2-Dichloropropane	79	2.662	2.656	0.006	48	2587	1.00	1.00	Ma
47 Ethyl acetate	70	2.686	2.698	-0.012	94	511	2.00	1.95	
48 Methyl acrylate	55	2.717	2.717	0.000	84	2927	1.00	0.99	
49 Propionitrile	54	2.717	2.717	0.000	84	4312	10.0	10.1	
52 Methacrylonitrile	67	2.796	2.814	-0.018	86	10900	10.0	9.70	
51 Chlorobromomethane	128	2.814	2.820	-0.006	79	2100	1.00	1.15	
50 Tetrahydrofuran	72	2.856	2.857	-0.001	36	634	2.00	1.72	a
53 Chloroform	83	2.881	2.881	0.000	98	5441	1.00	1.05	
$ 56 Dibromofluoromethane (Surr)	113	2.996	3.003	-0.007	97	157022	50.0	53.2	
55 1,1,1-Trichloroethane	97	3.002	3.015	-0.013	35	5309	1.00	1.09	
54 Cyclohexane	84	3.051	3.057	-0.006	71	4278	1.00	0.9845	
58 1,1-Dichloropropene	75	3.124	3.136	-0.012	91	4035	1.00	1.11	
57 Carbon tetrachloride	117	3.130	3.136	-0.006	96	4961	1.00	1.20	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	150084	50.0	52.0	
59 Isobutyl alcohol	43	3.270	3.264	0.006	28	2112	25.0	22.7	Ma
61 Benzene	78	3.294	3.295	-0.001	92	11692	1.00	1.08	
65 1,2-Dichloroethane	62	3.307	3.313	-0.006	80	3979	1.00	1.13	
60 Isooctane	57	3.374	3.368	0.006	84	5154	1.00	0.9098	
64 Isopropyl acetate	61	3.386	3.380	0.006	91	1054	1.00	1.09	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	88	7506	1.00	0.8623	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	469984	50.0	50.0	
66 n-Heptane	43	3.513	3.520	-0.007	36	2428	1.00	1.24	
68 n-Butanol	56	3.830	3.830	0.000	40	1825	25.0	29.9	
69 Trichloroethene	95	3.830	3.830	0.000	88	2874	1.00	1.06	
70 Ethyl acrylate	99	3.964	3.964	0.000	25	163	1.00	0.8631	a
71 Methylcyclohexane	83	3.994	4.006	-0.012	87	4165	1.00	0.9756	a
72 1,2-Dichloropropane	63	4.031	4.037	-0.006	92	2860	1.00	1.06	
* 73 1,4-Dioxane-d8	96	4.122	4.134	-0.012	95	26269	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	36	2109	1.00	1.15	
75 1,4-Dioxane	88	4.183	4.177	0.006	44	1711	50.0	57.1	
74 Methyl methacrylate	100	4.171	4.177	-0.007	91	1363	2.00	2.05	
77 n-Propyl acetate	43	4.244	4.244	0.000	96	3030	1.00	1.09	
78 Dichlorobromomethane	83	4.298	4.298	0.000	97	3402	1.00	1.00	
79 2-Nitropropane	41	4.529	4.530	-0.001	85	1407	2.00	2.59	M
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.006	44	1408	1.00	1.15	a
81 Epichlorohydrin	57	4.663	4.657	0.006	97	4273	20.0	19.3	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	88	3779	1.00	1.00	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	96	9396	5.00	4.42	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	456621	50.0	50.3	
85 Toluene	91	5.071	5.071	0.000	93	11382	1.00	1.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.332	5.333	-0.001	91	3423	1.00	1.04	
87 Ethyl methacrylate	69	5.466	5.473	-0.006	82	2464	1.00	0.8980	a
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	95	2276	1.00	1.16	
89 Tetrachloroethene	166	5.649	5.643	0.006	91	2624	1.00	1.05	
90 1,3-Dichloropropane	76	5.697	5.698	-0.001	85	4230	1.00	1.15	
91 2-Hexanone	58	5.837	5.838	-0.001	96	3234	5.00	4.17	
93 Chlorodibromomethane	129	5.941	5.941	0.000	96	2658	1.00	1.08	
92 n-Butyl acetate	43	6.014	6.020	-0.006	92	2685	1.00	0.9884	
94 Ethylene Dibromide	107	6.038	6.038	0.000	98	2363	1.00	0.9863	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	83	354713	50.0	50.0	
96 Chlorobenzene	112	6.628	6.634	-0.006	96	6917	1.00	1.03	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.756	-0.006	85	3419	1.00	1.17	
97 Ethylbenzene	106	6.799	6.793	0.006	97	3081	1.00	0.9148	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	3659	1.00	0.9053	
100 o-Xylene	106	7.431	7.431	0.000	91	3316	1.00	0.7825	
102 Styrene	104	7.443	7.450	-0.007	97	4852	1.00	0.7651	
101 n-Butyl acrylate	73	7.498	7.492	0.006	97	1366	1.00	0.8954	
104 Bromoform	173	7.638	7.650	-0.012	90	1926	1.00	1.19	
103 Amyl acetate (mixed isomers)	43	7.802	7.809	-0.007	92	2833	1.00	0.9402	
105 Isopropylbenzene	105	7.918	7.918	0.000	94	8196	1.00	0.7633	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	123140	50.0	48.4	
107 Bromobenzene	156	8.247	8.247	-0.001	97	2781	1.00	1.01	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	94	3527	1.00	1.08	
110 1,2,3-Trichloropropane	110	8.368	8.362	0.006	95	1048	1.00	1.17	
111 trans-1,4-Dichloro-2-butene	53	8.429	8.423	0.006	7	794	1.00	1.08	
109 N-Propylbenzene	91	8.459	8.460	-0.001	97	10340	1.00	0.8621	
112 2-Chlorotoluene	91	8.526	8.526	0.000	95	6283	1.00	0.8603	
113 4-Ethyltoluene	105	8.618	8.618	0.000	97	7415	1.00	0.7974	
115 4-Chlorotoluene	91	8.678	8.679	-0.001	96	6321	1.00	0.8240	
114 1,3,5-Trimethylbenzene	105	8.709	8.715	-0.006	92	6565	1.00	0.7584	
116 Butyl Methacrylate	87	8.940	8.940	0.000	90	2002	1.00	0.7390	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	5149	1.00	0.7450	
118 1,2,4-Trimethylbenzene	105	9.189	9.196	-0.007	95	6799	1.00	0.7808	
119 sec-Butylbenzene	105	9.402	9.403	0.000	99	7904	1.00	0.7669	
120 1,3-Dichlorobenzene	146	9.481	9.482	-0.001	93	4919	1.00	0.9650	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	189399	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	82	5753	1.00	1.08	
121 4-Isopropyltoluene	119	9.591	9.597	-0.006	97	7737	1.00	0.8587	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	97	7437	1.00	0.7615	
125 Benzyl chloride	126	9.773	9.768	0.005	97	1069	1.00	0.9583	
126 2,3-Dihydroindene	117	9.865	9.871	-0.006	91	7347	1.00	0.8165	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	94	5898	1.00	1.11	
127 p-Diethylbenzene	119	10.017	10.011	0.006	93	3590	1.00	0.7156	
128 n-Butylbenzene	92	10.035	10.035	0.000	95	3384	1.00	0.7770	
131 1,2-Dibromo-3-Chloropropane	157	10.747	10.747	0.000	37	980	1.00	1.35	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.753	-0.006	97	5599	1.00	0.5938	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	96	3585	1.00	0.9613	
133 1,2,4-Trichlorobenzene	180	11.434	11.440	-0.006	91	2763	1.00	0.8605	
134 Hexachlorobutadiene	225	11.592	11.593	-0.001	86	1189	1.00	1.19	
135 Naphthalene	128	11.623	11.623	0.000	99	5772	1.00	0.7277	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	90	2165	1.00	0.7685	a
136 1,2,3-Trichlorobenzene	180	11.811	11.812	-0.001	94	3088	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.22	
S 138 Xylenes, Total	100				0		2.00	1.69	
S 139 Total BTEX	1				0		5.00	4.77	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00178	Amount Added:	10.00	Units: uL	
524FREONS_00009	Amount Added:	10.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
GASES Li_00554	Amount Added:	10.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	10.00	Units: uL	
14DIOXINTER_00162	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Oct-2023 20:49:47 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D

Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11 Operator ID:

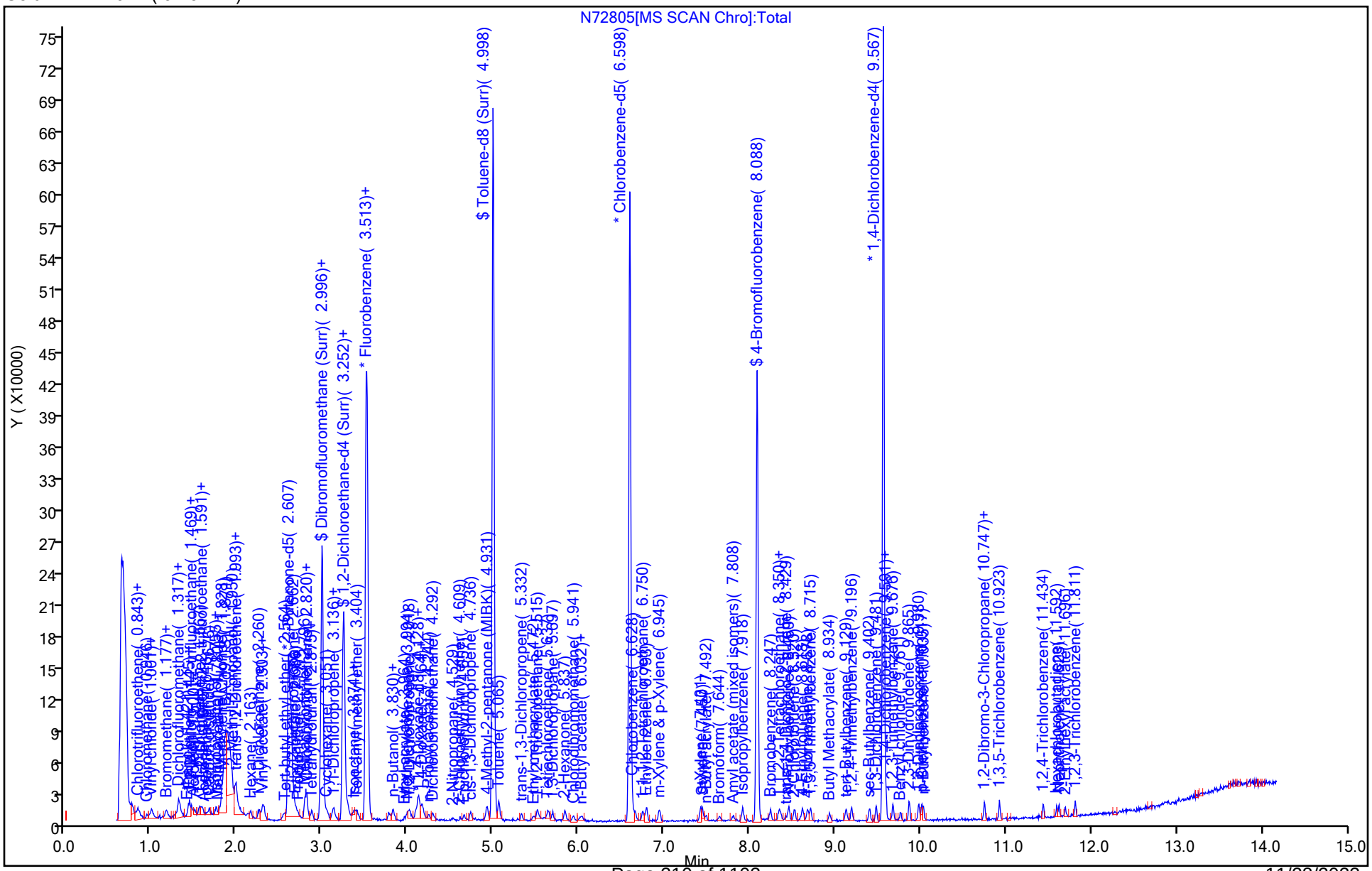
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

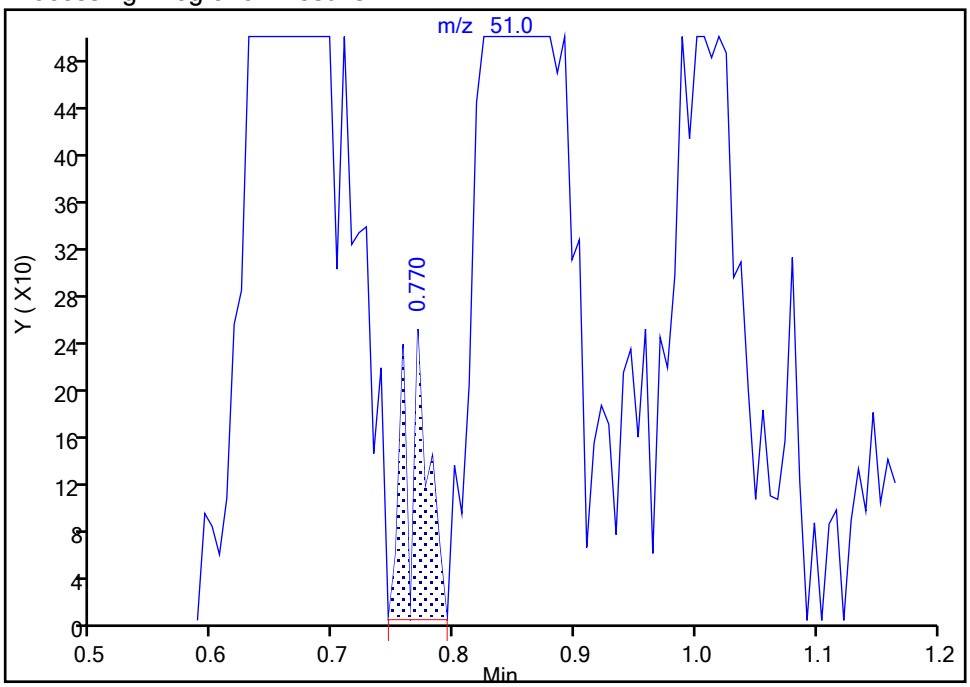
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

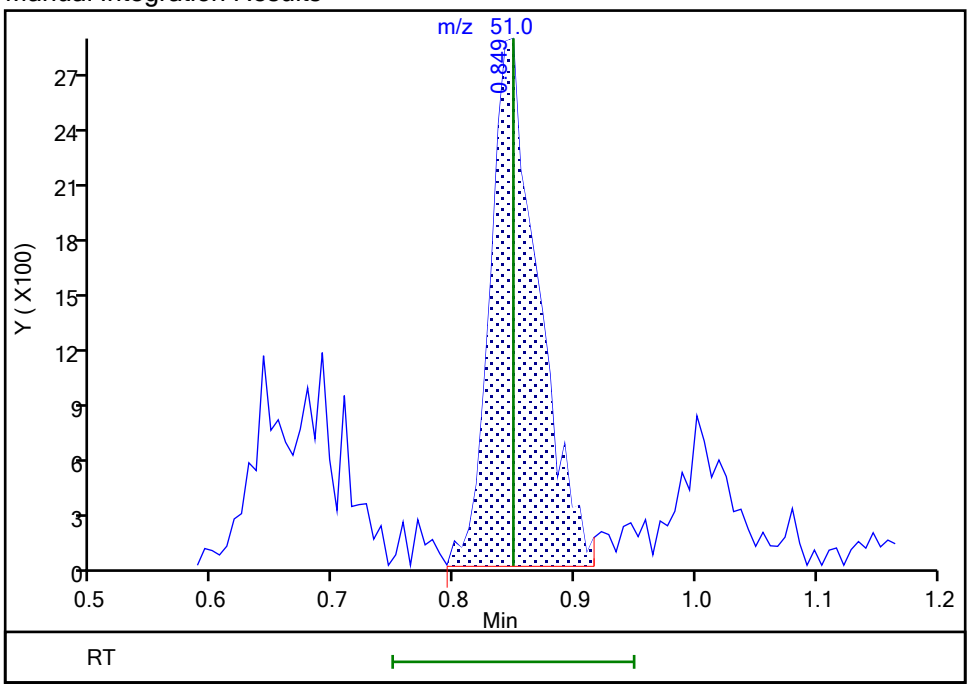
Processing Integration Results

RT: 0.77
Area: 312
Amount: 0.059142
Amount Units: ug/l



Manual Integration Results

RT: 0.85
Area: 7910
Amount: 1.183335
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 19:58:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

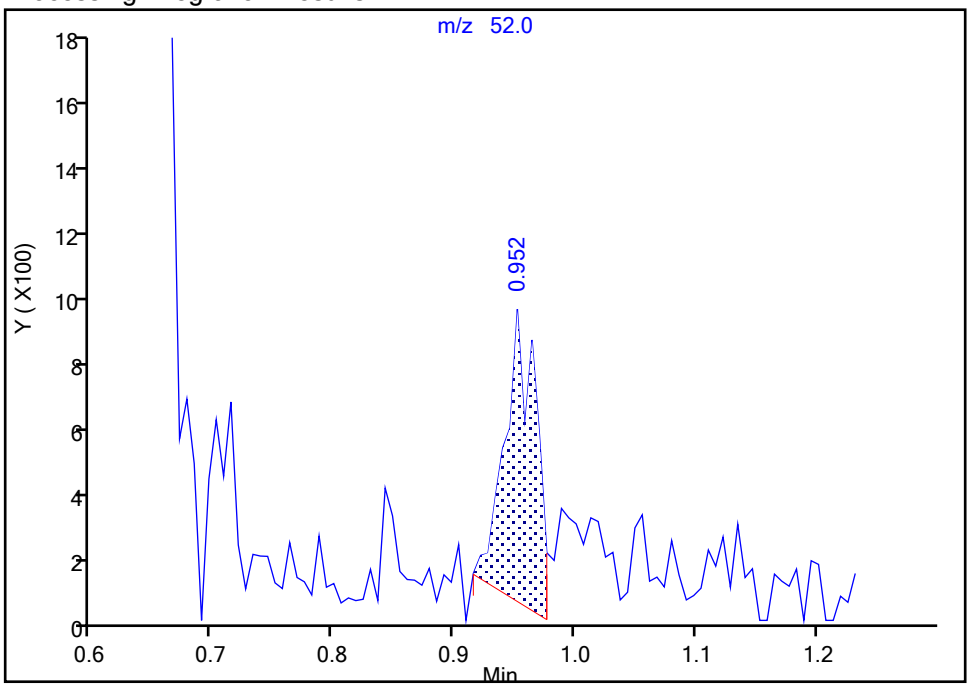
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

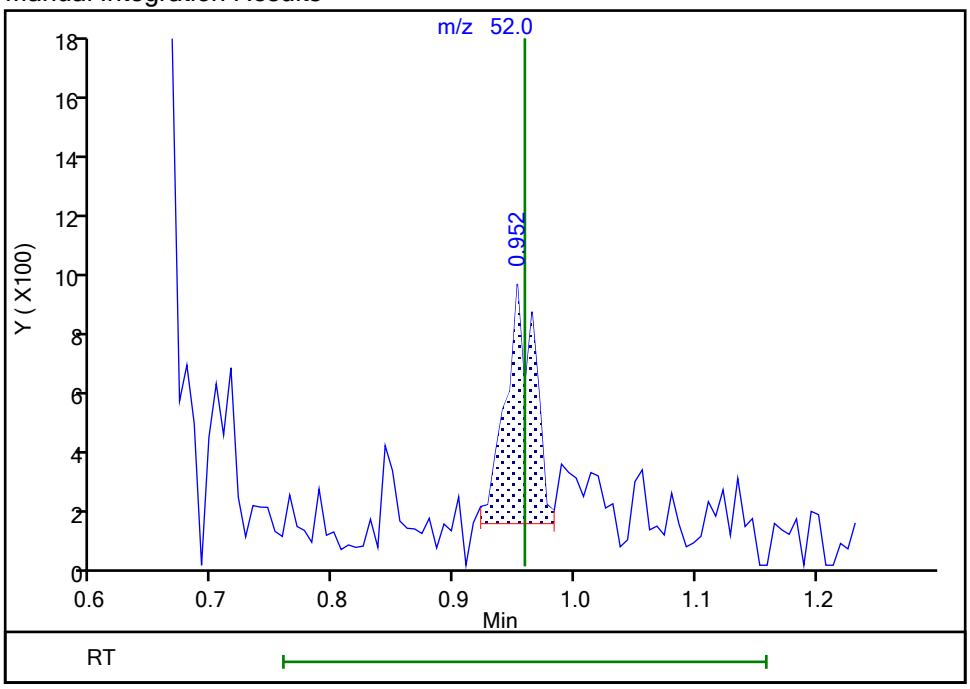
Processing Integration Results

RT: 0.95
Area: 1578
Amount: 1.170440
Amount Units: ug/l



Manual Integration Results

RT: 0.95
Area: 1315
Amount: 0.975318
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:17:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

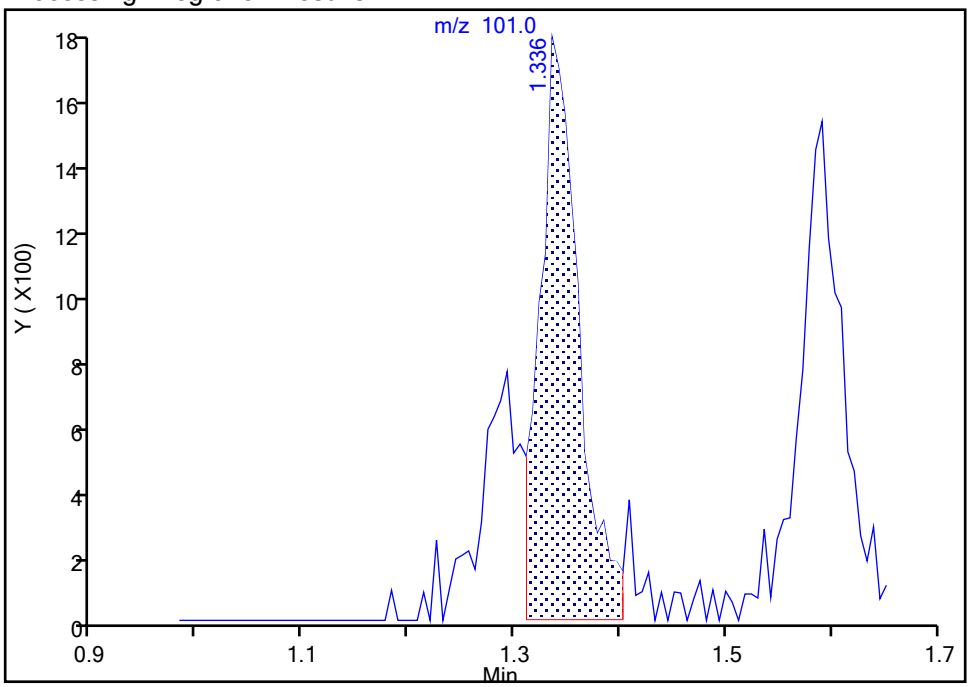
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

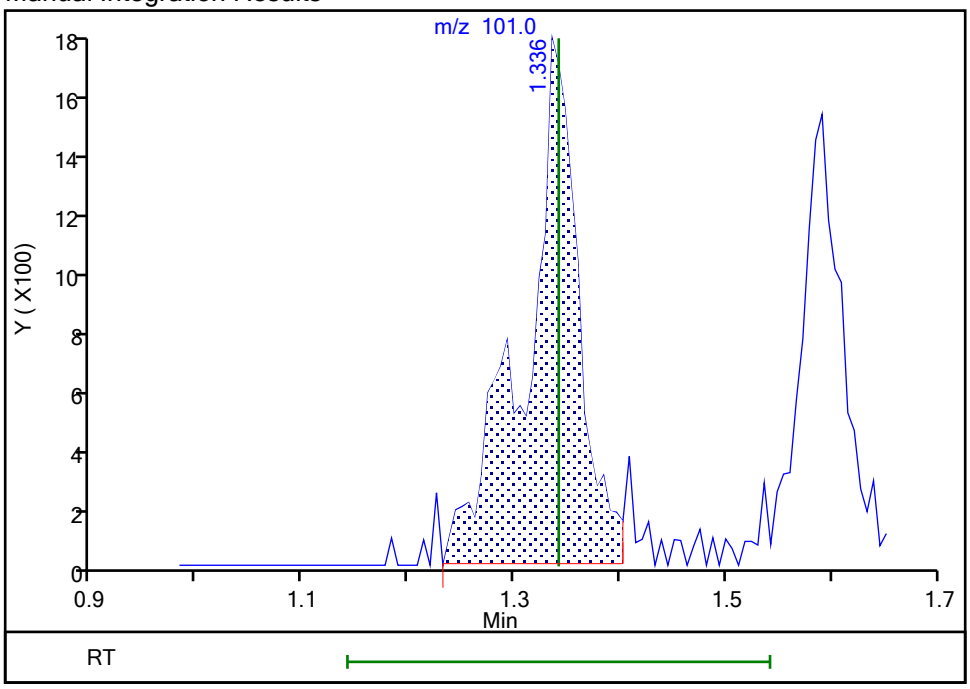
Processing Integration Results

RT: 1.34
Area: 4479
Amount: 0.860430
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 6179
Amount: 1.125732
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:18:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

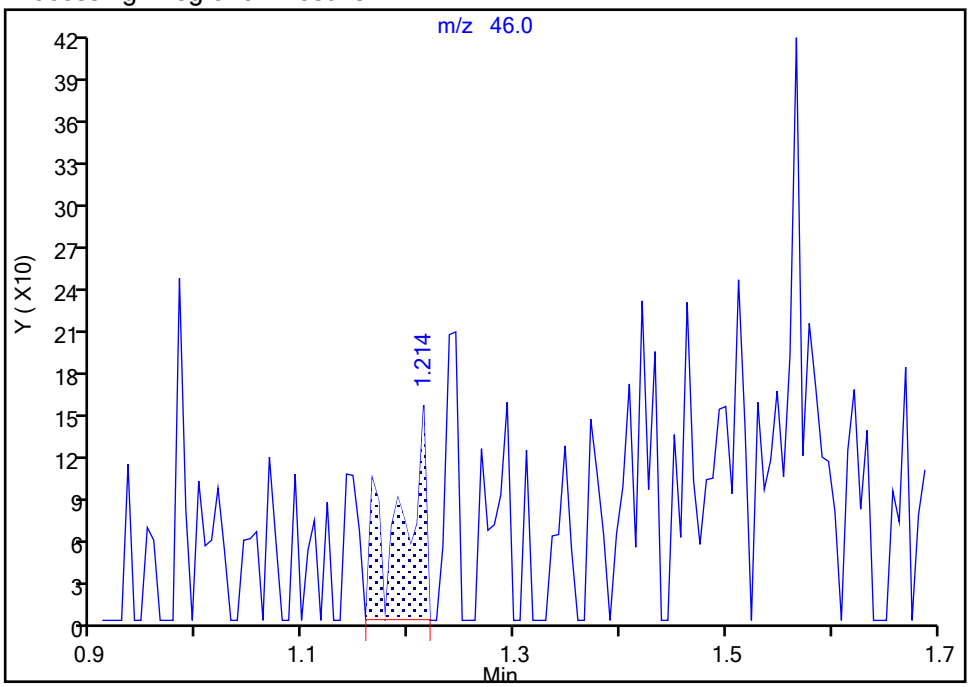
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

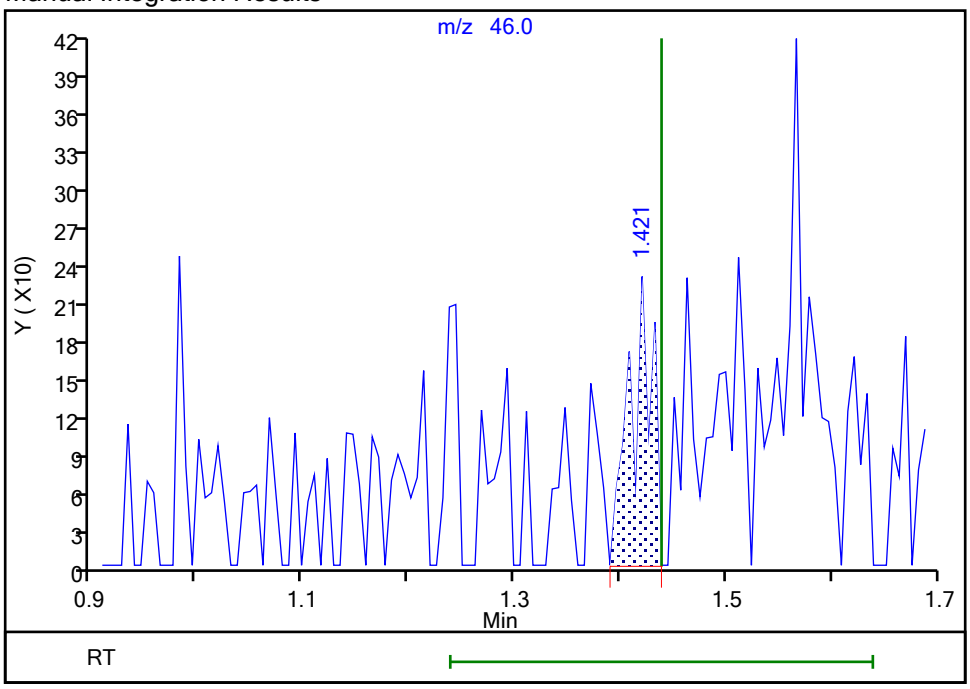
Processing Integration Results

RT: 1.21
Area: 251
Amount: 40.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 324
Amount: 30.316313
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:44:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

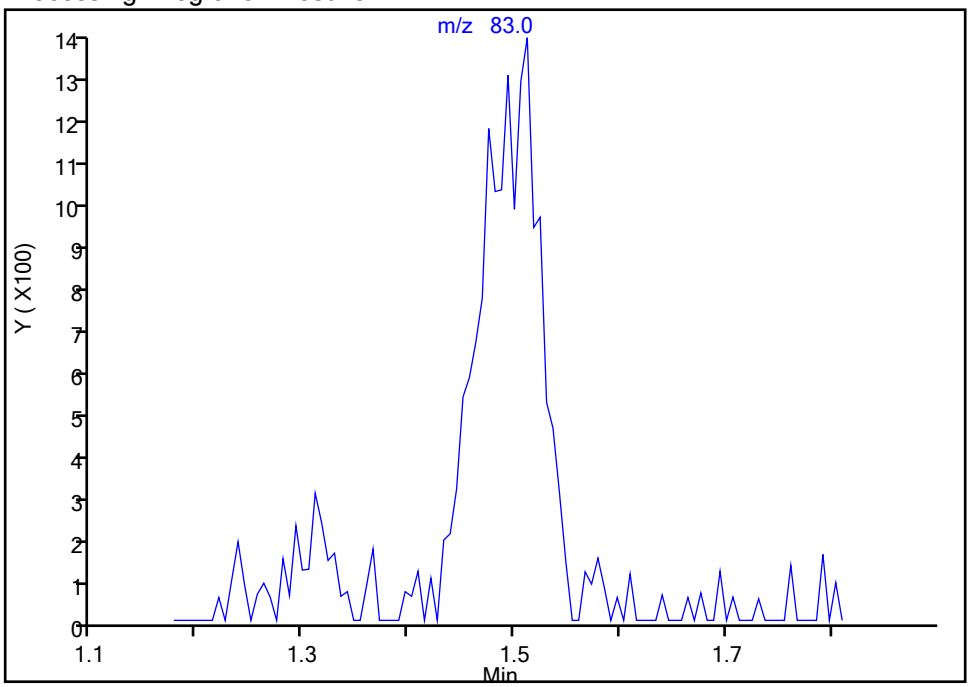
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

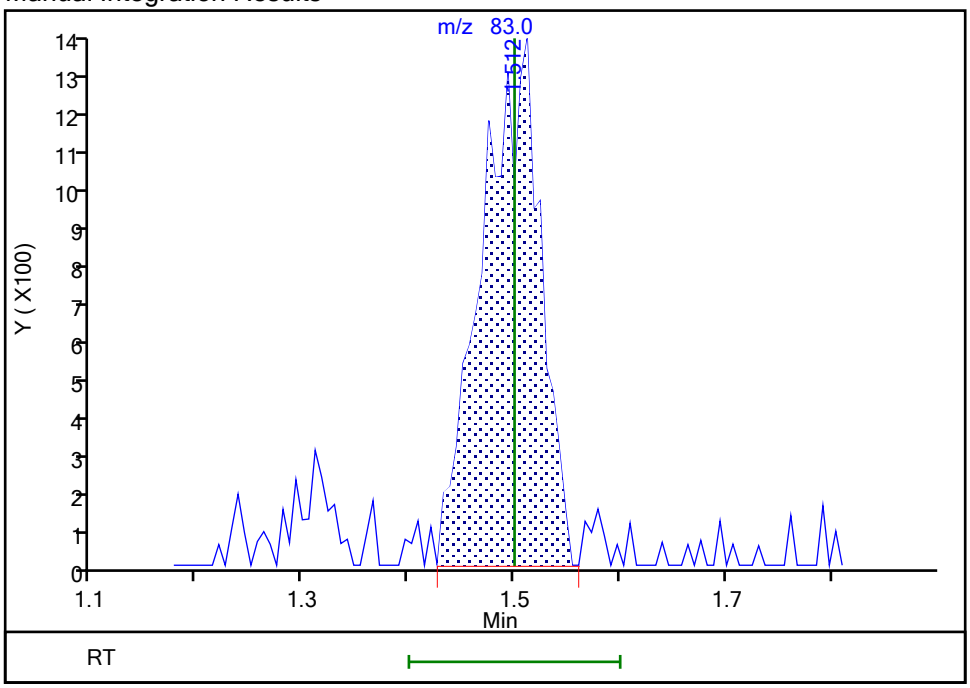
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 5345
Amount: 1.066722
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:45:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

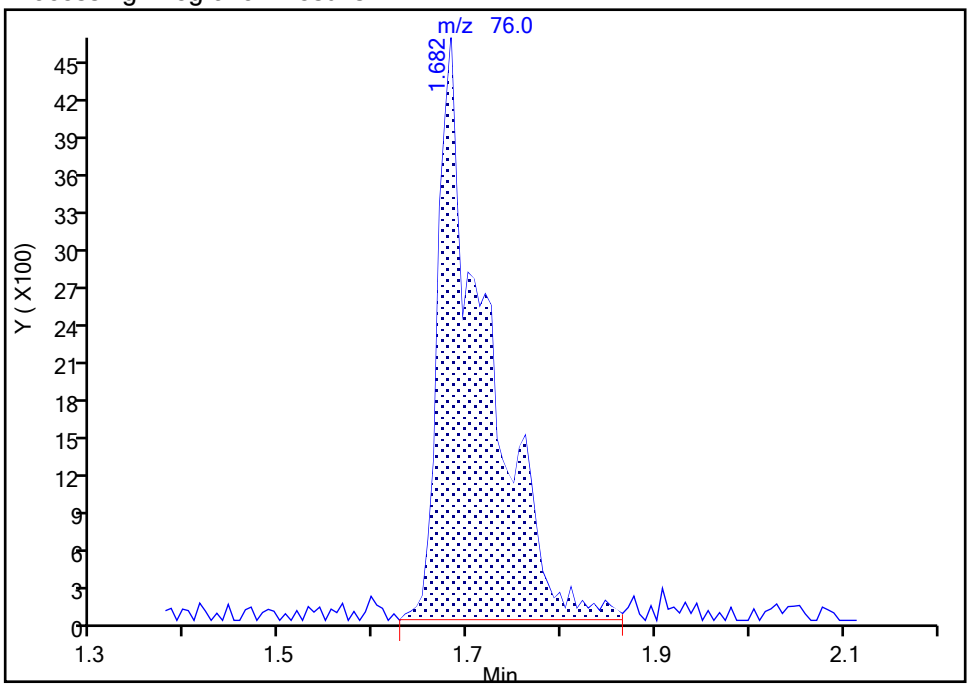
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

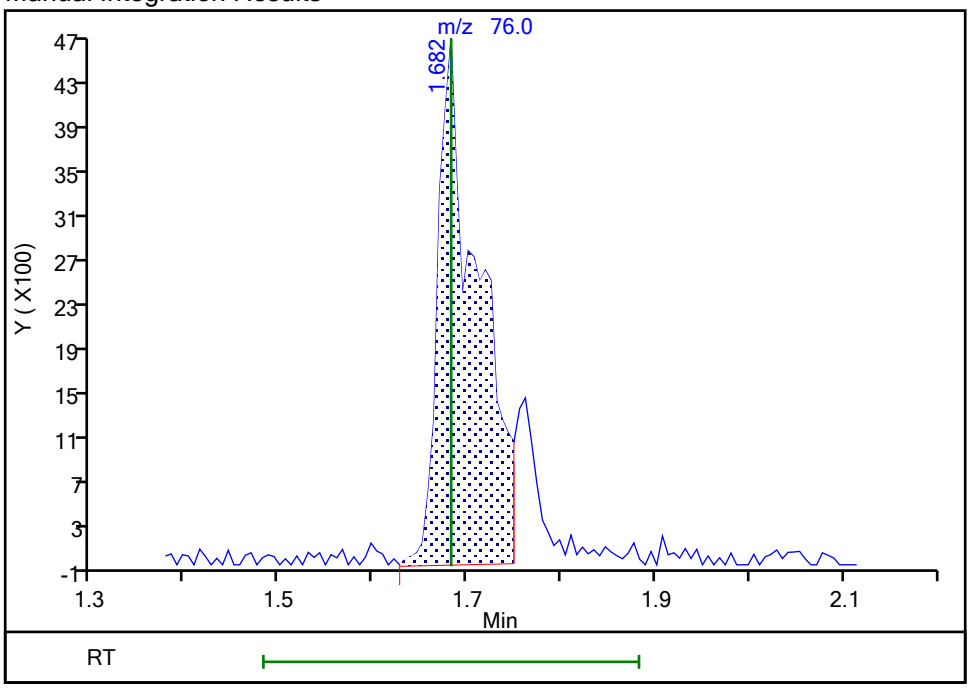
Processing Integration Results

RT: 1.68
Area: 16562
Amount: 1.302933
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 13971
Amount: 1.137751
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:18:50 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

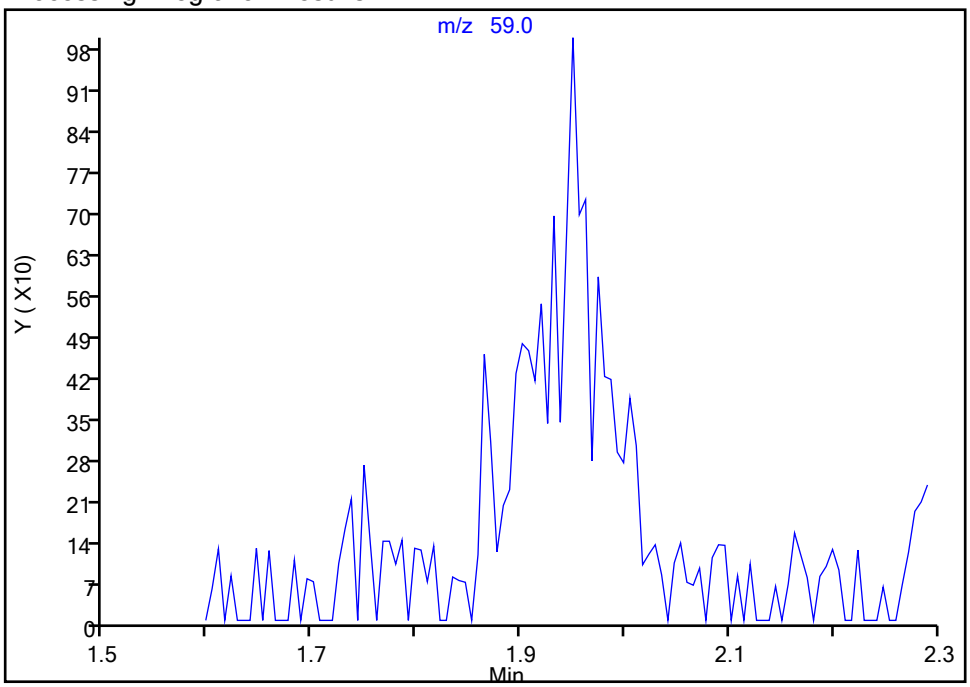
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

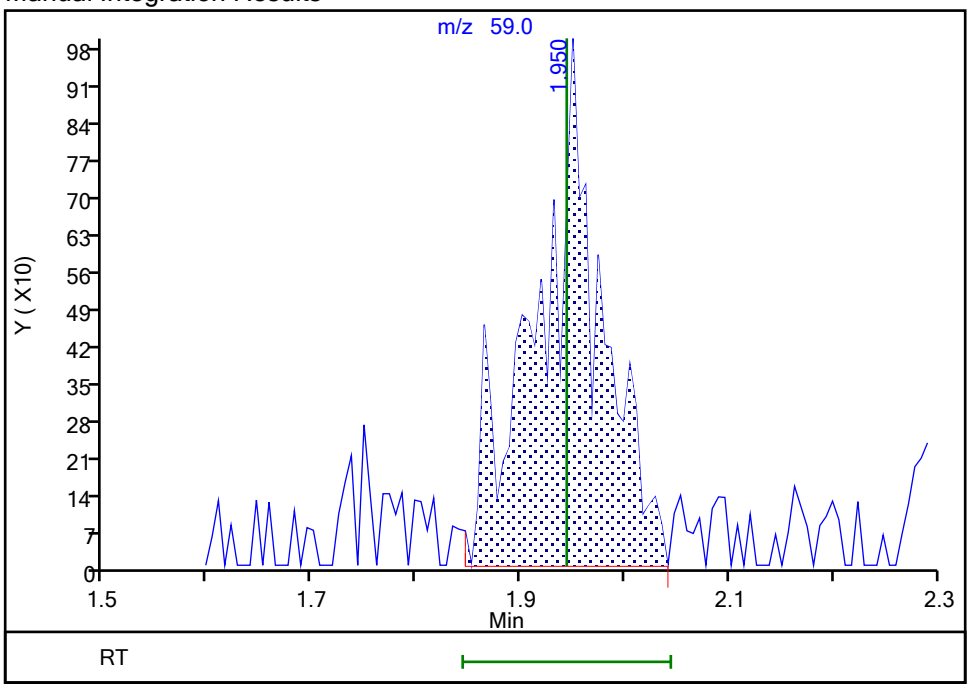
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 4211
Amount: 11.811482
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:46:18 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

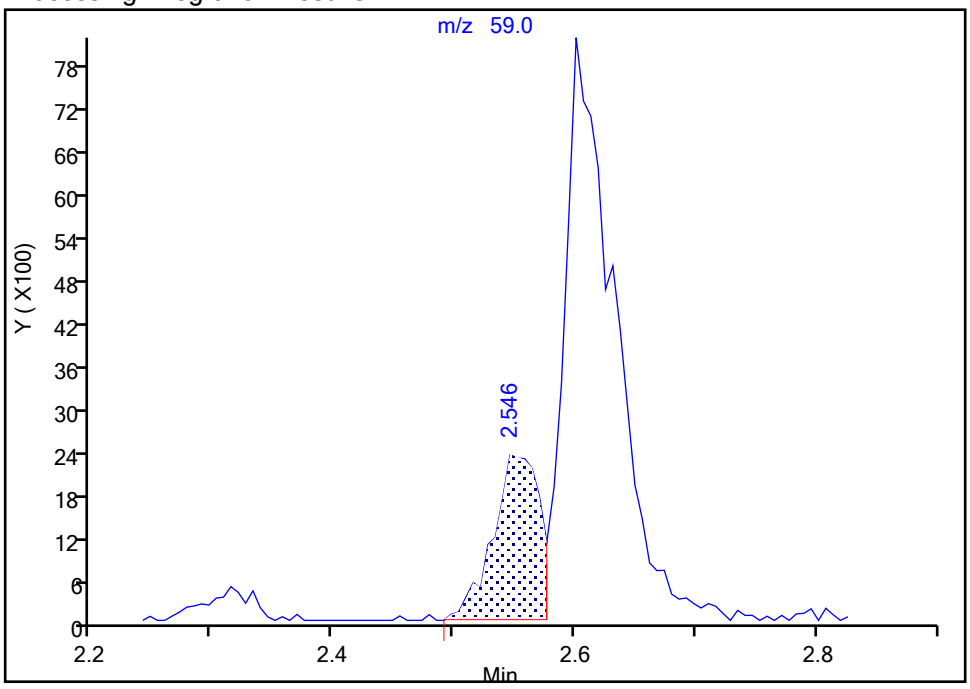
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

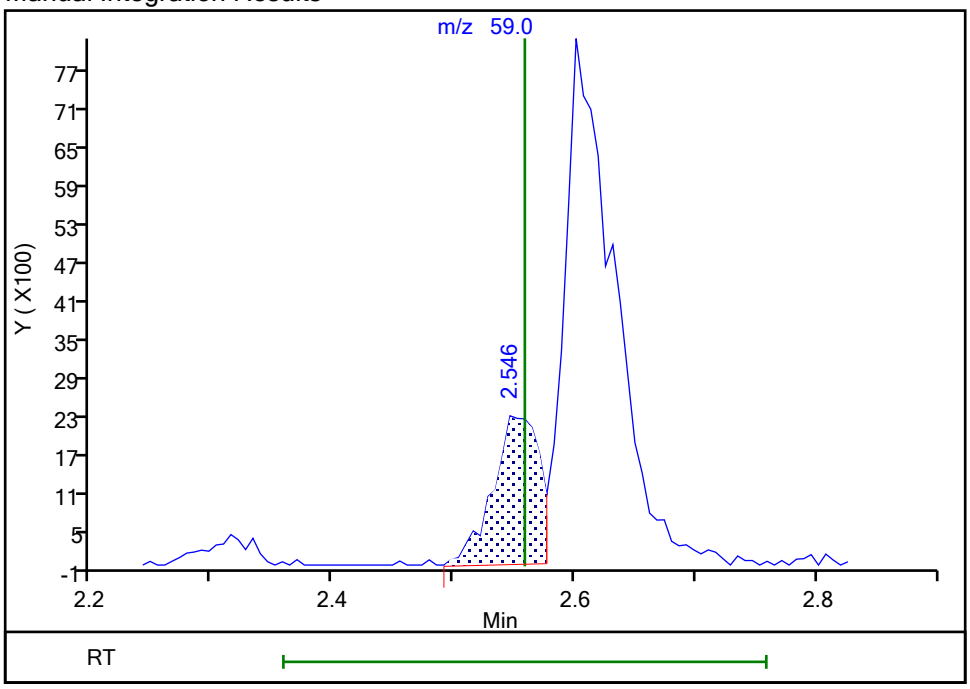
Processing Integration Results

RT: 2.55
Area: 6308
Amount: 0.890001
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 6276
Amount: 0.769602
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:19:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

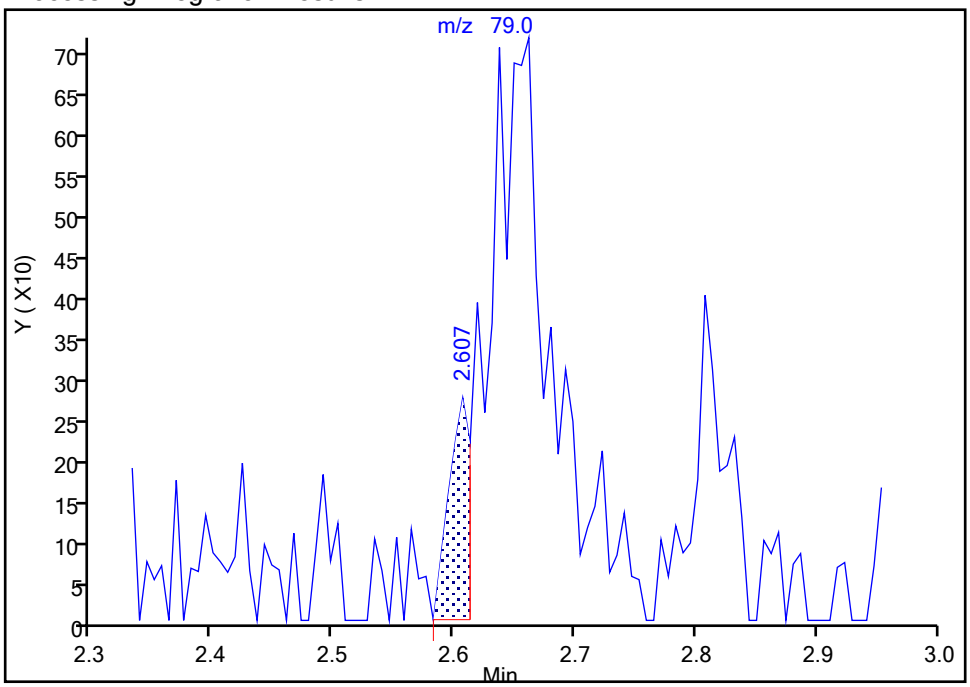
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

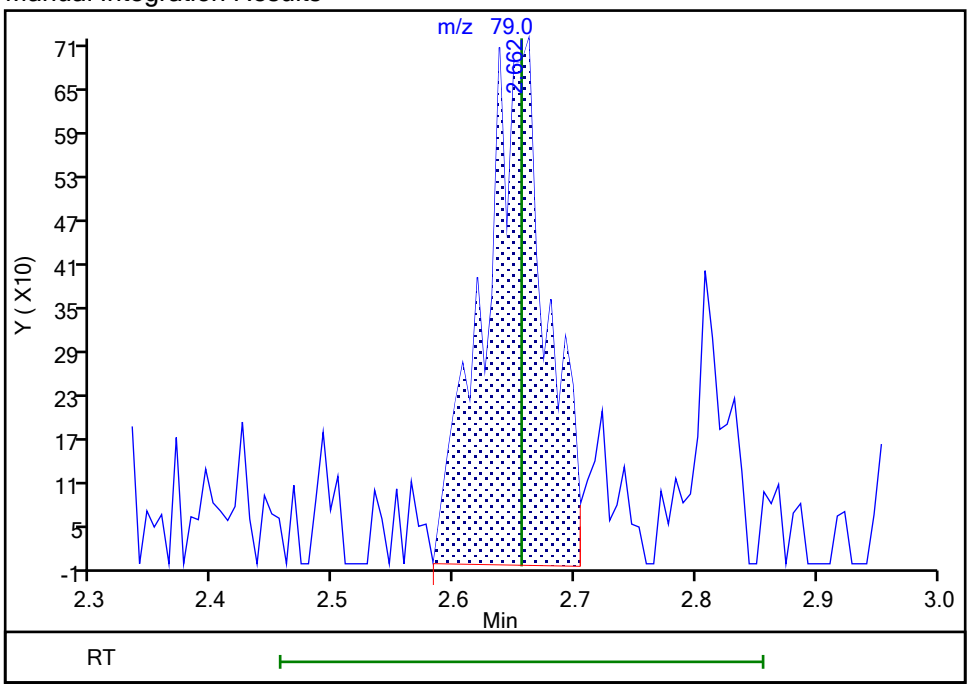
Processing Integration Results

RT: 2.61
Area: 343
Amount: 1.937577
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 2587
Amount: 0.997590
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 19:59:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

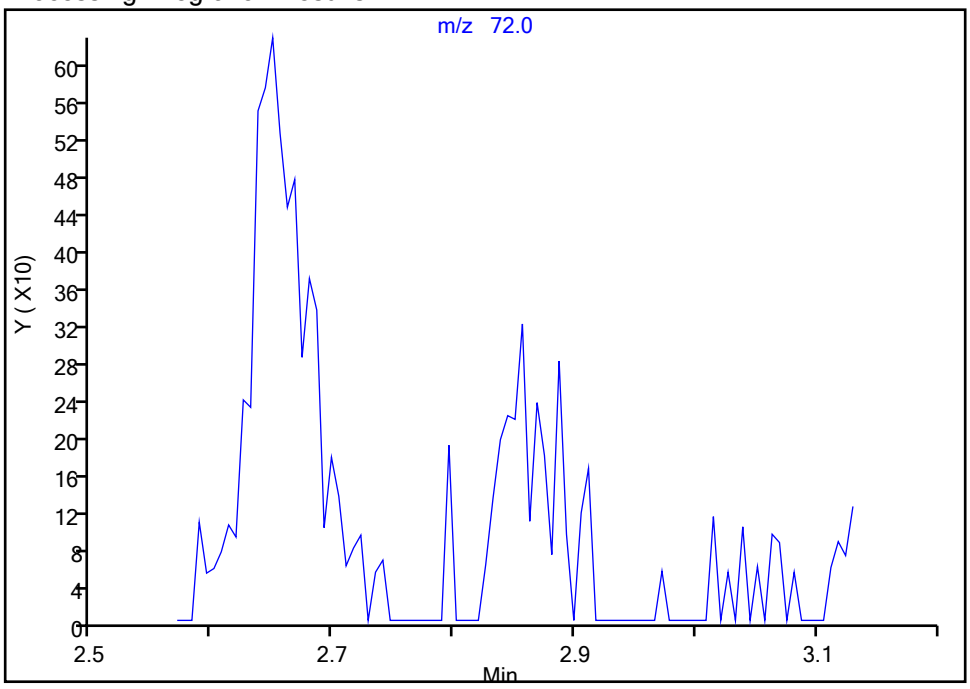
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

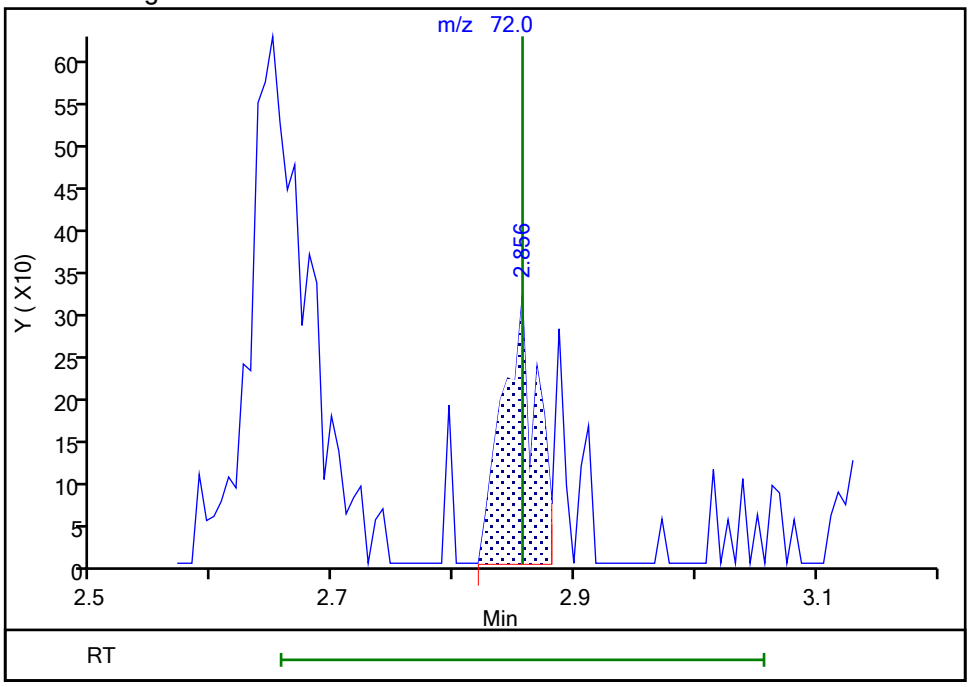
Not Detected
Expected RT: 2.86

Processing Integration Results



Manual Integration Results

RT: 2.86
Area: 634
Amount: 1.723485
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:47:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

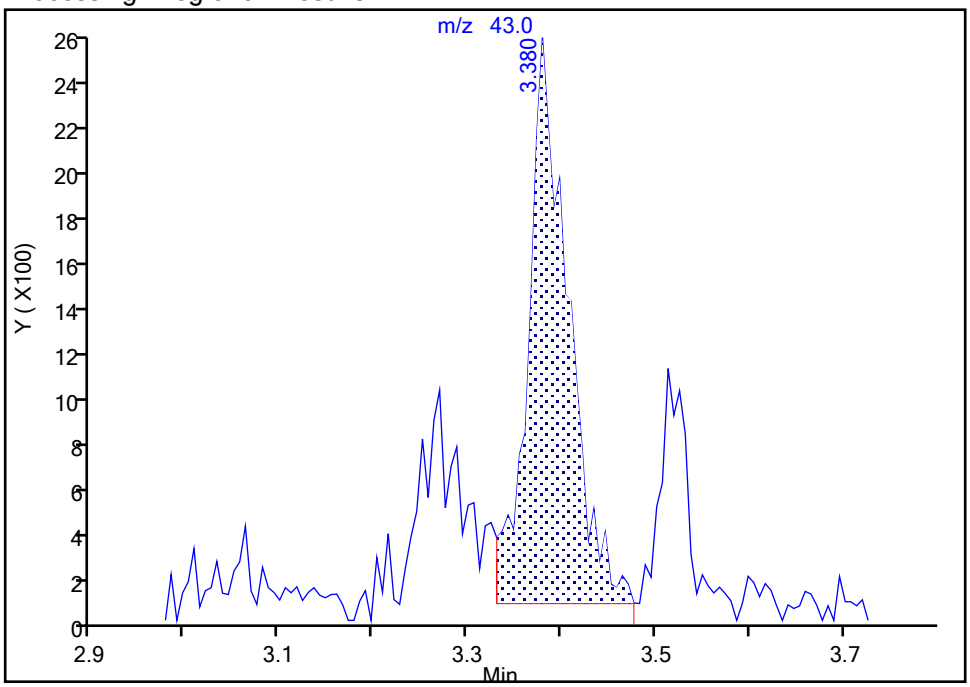
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

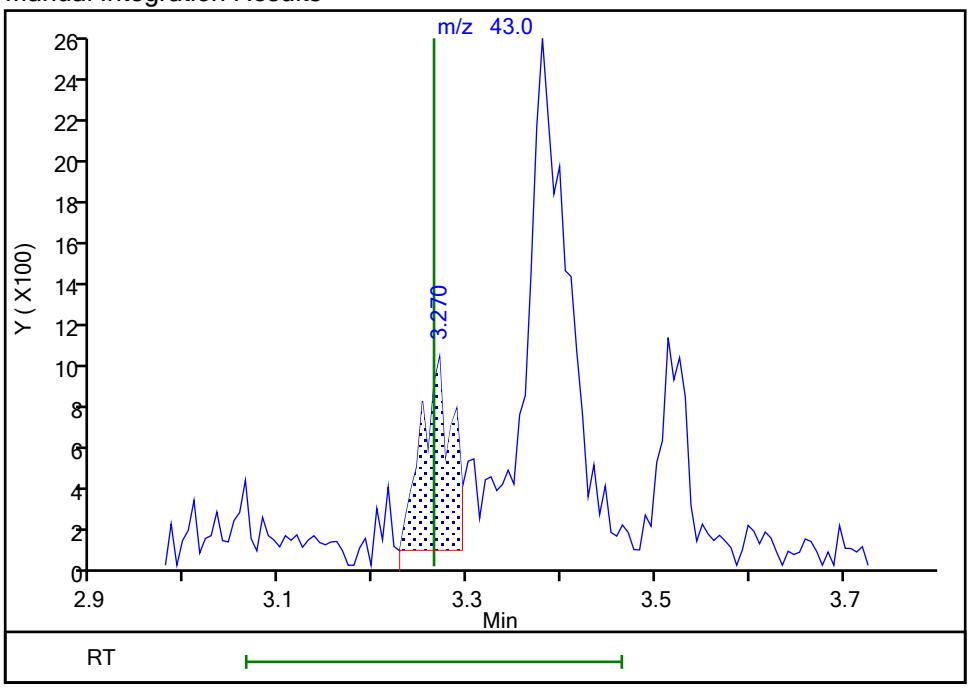
Processing Integration Results

RT: 3.38
Area: 7304
Amount: 49.820979
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 2112
Amount: 22.743682
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:22:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

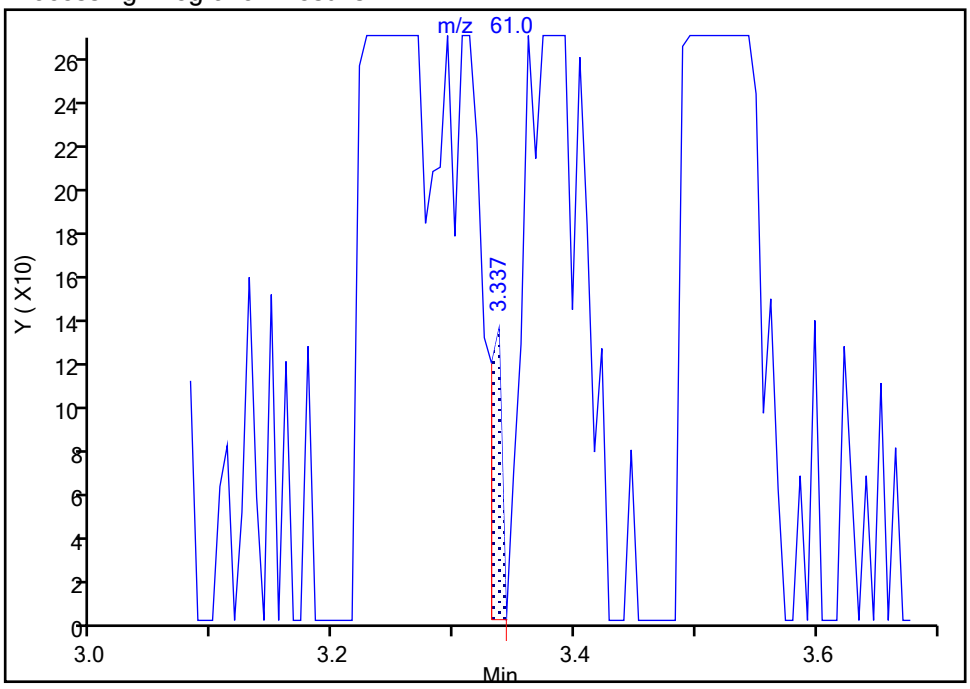
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

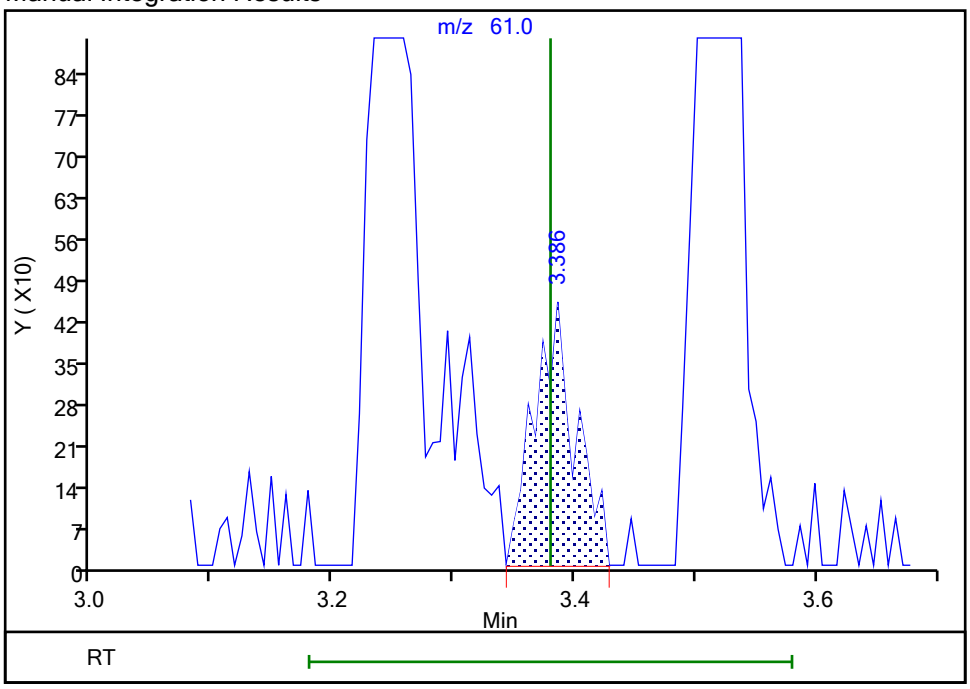
Processing Integration Results

RT: 3.34
Area: 93
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 1054
Amount: 1.088562
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:48:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

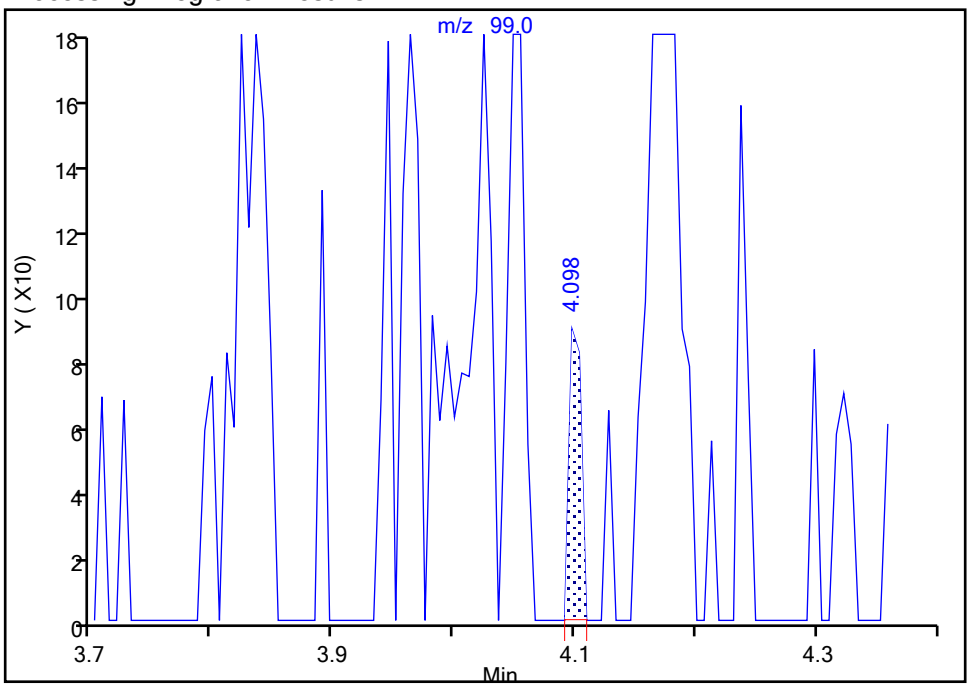
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

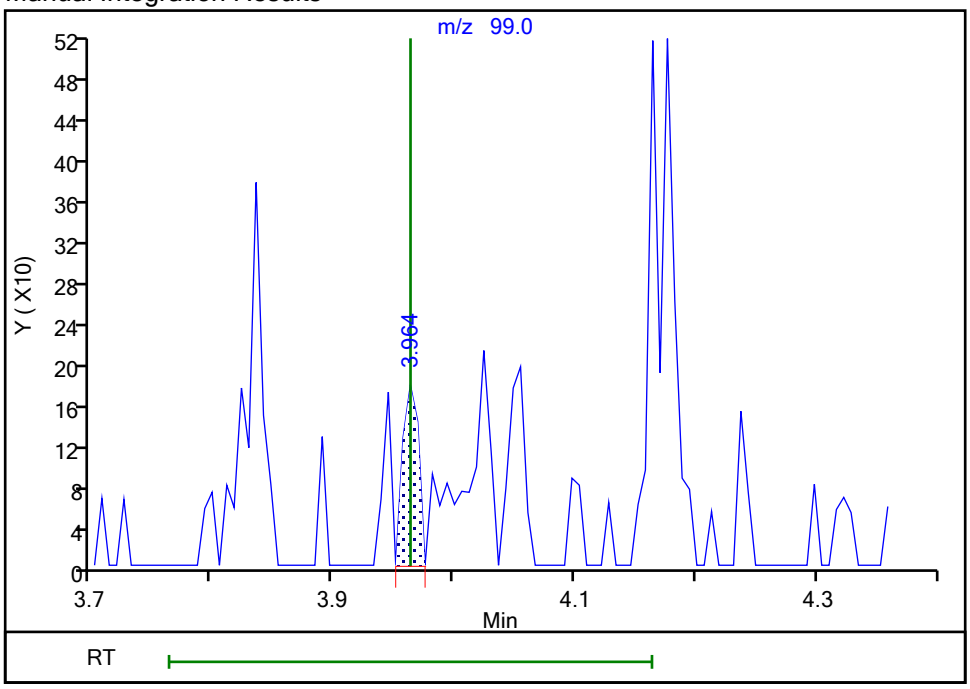
Processing Integration Results

RT: 4.10
Area: 60
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 163
Amount: 0.863112
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:20:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

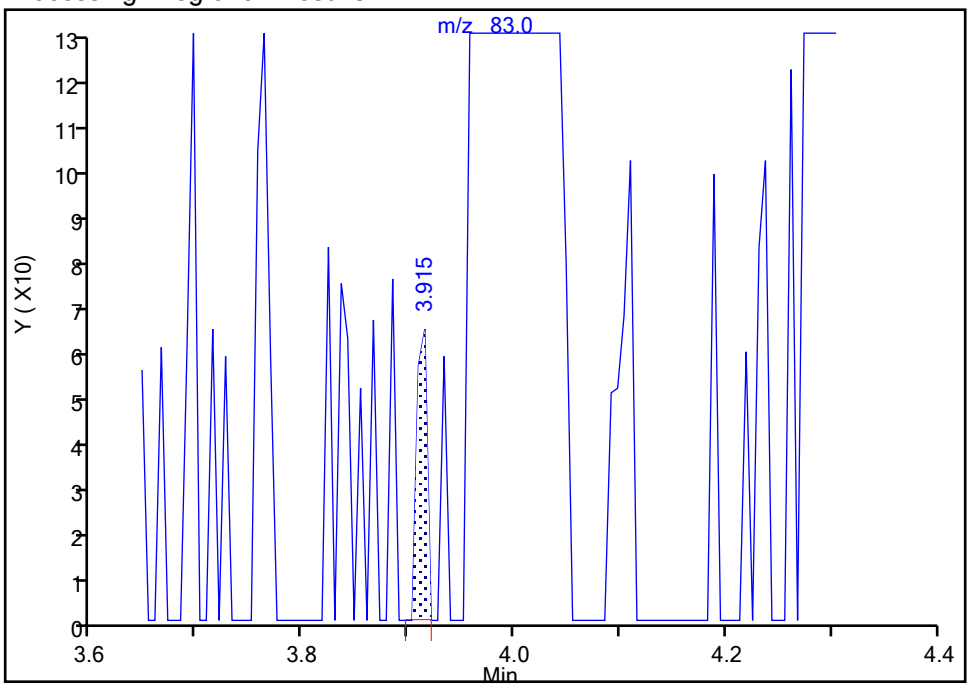
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

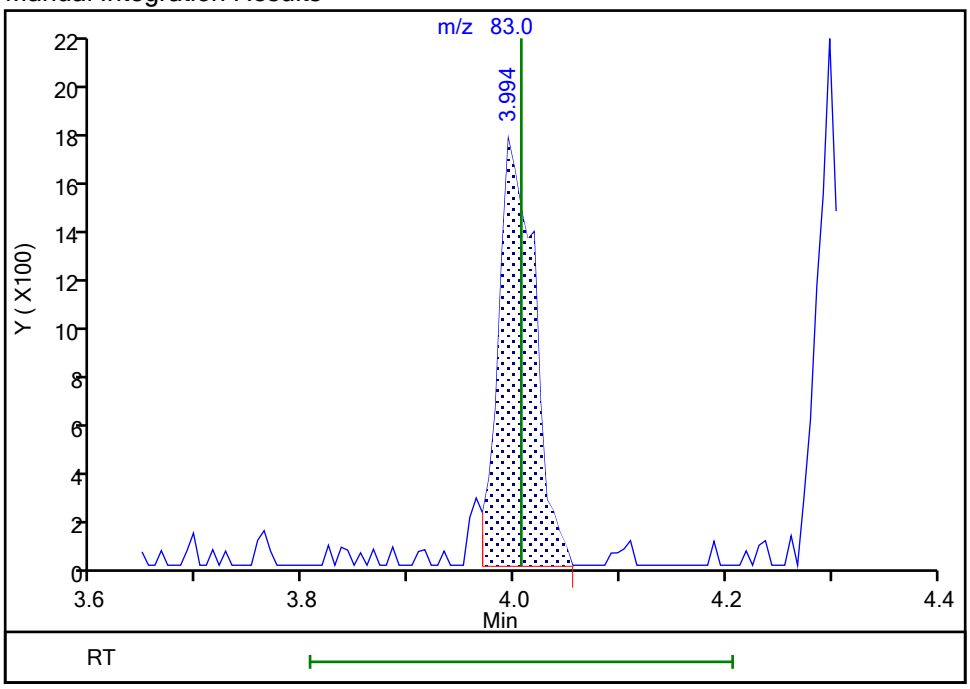
Processing Integration Results

RT: 3.92
Area: 44
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 3.99
Area: 4165
Amount: 0.975607
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:49:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

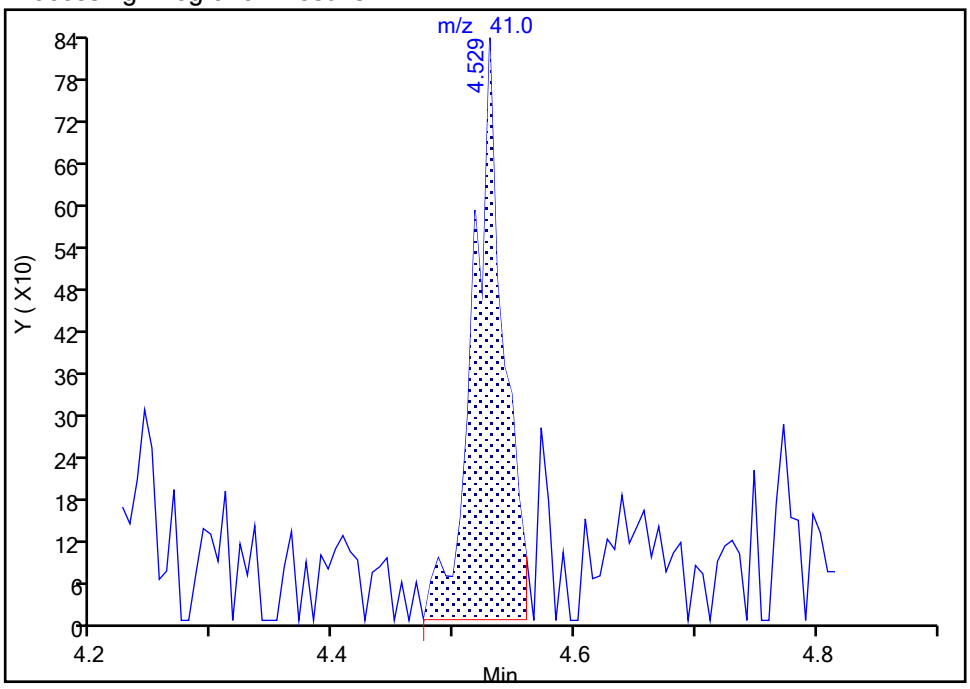
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

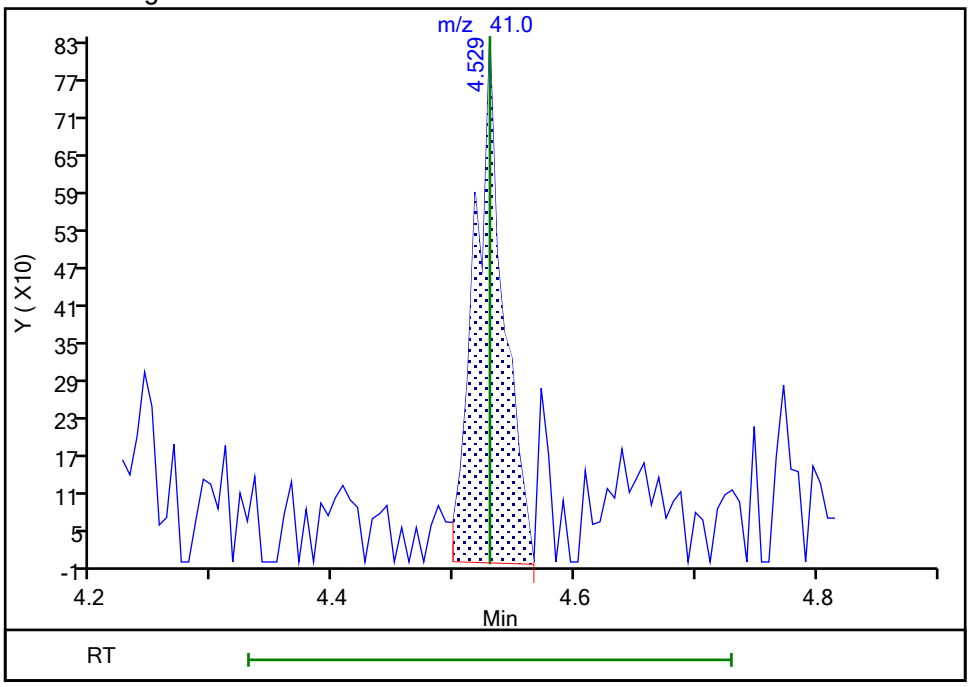
Processing Integration Results

RT: 4.53
Area: 1480
Amount: 3.537432
Amount Units: ug/l



Manual Integration Results

RT: 4.53
Area: 1407
Amount: 2.593607
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:00:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

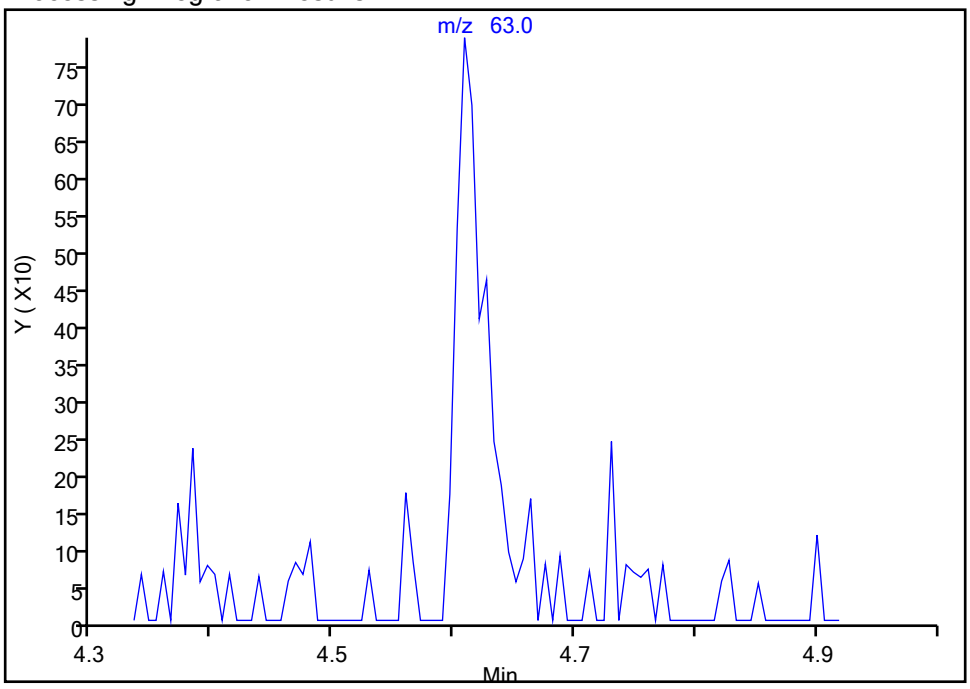
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

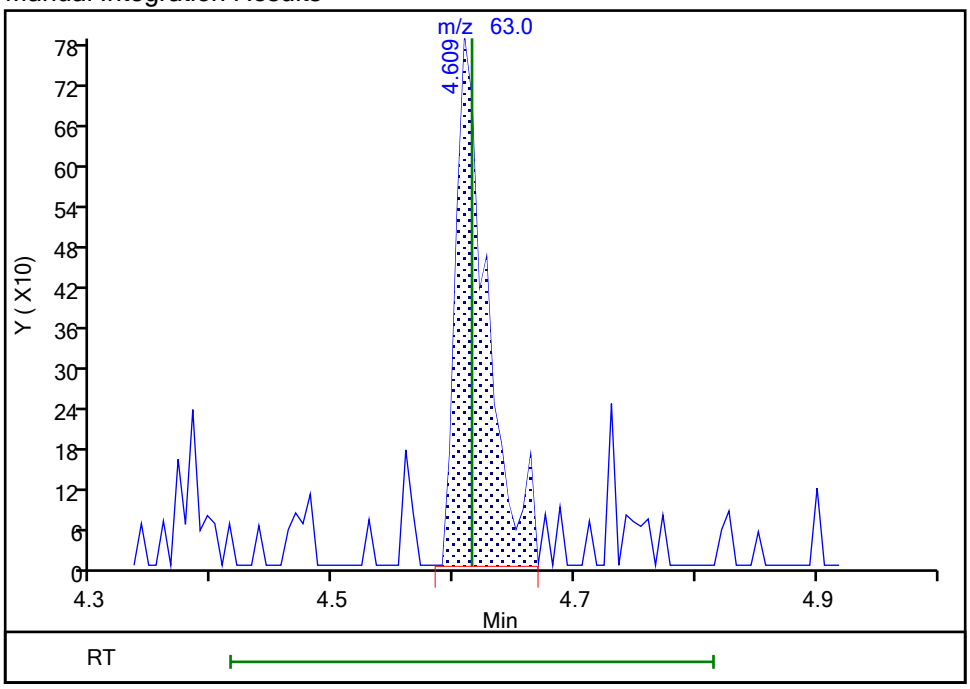
Not Detected
Expected RT: 4.61

Processing Integration Results



Manual Integration Results

RT: 4.61
Area: 1408
Amount: 1.150253
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:50:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

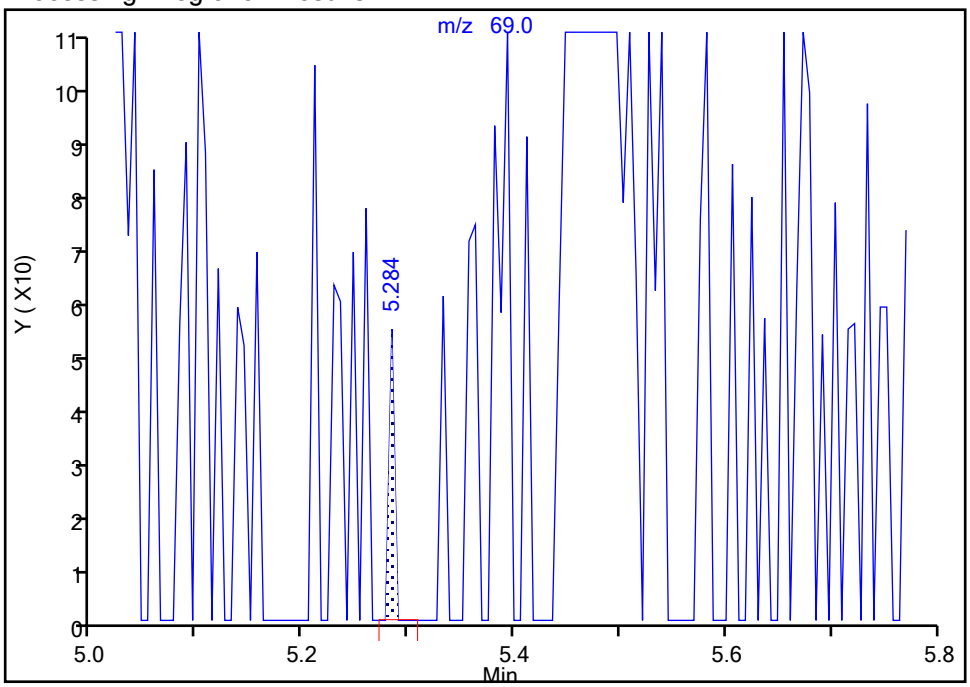
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

87 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

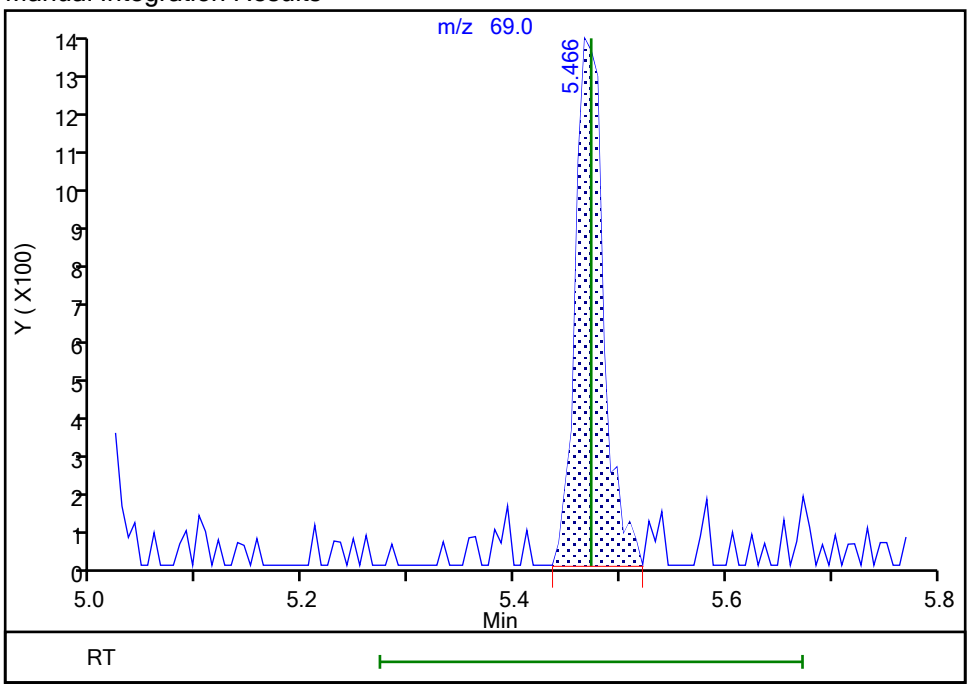
Processing Integration Results

RT: 5.28
Area: 19
Amount: 1.000000
Amount Units: ug/l



Manual Integration Results

RT: 5.47
Area: 2464
Amount: 0.897990
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:50:08 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

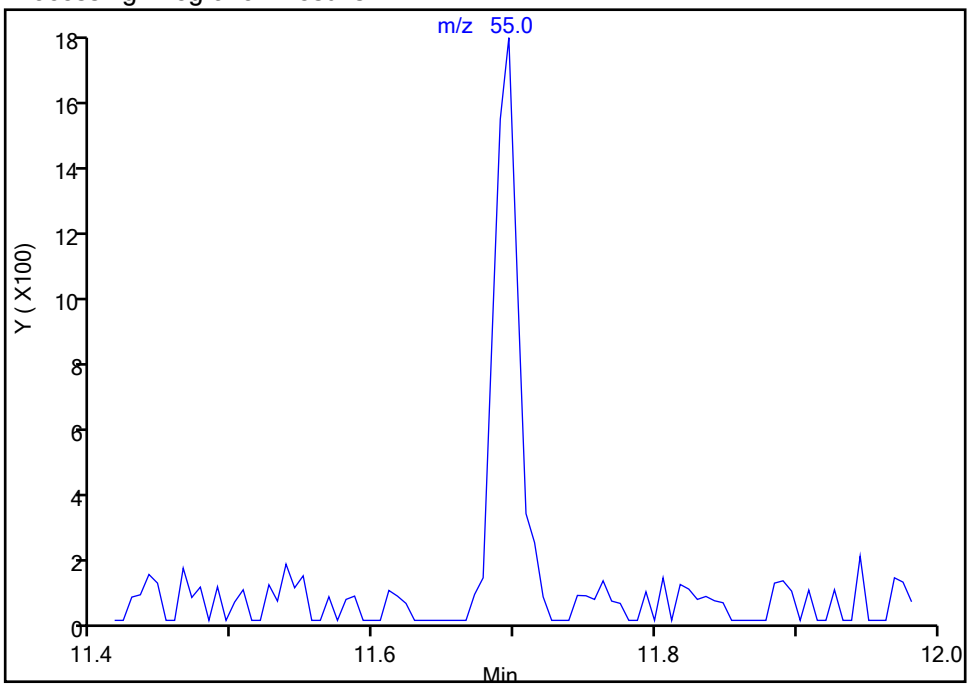
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72805.D
Injection Date: 31-Oct-2023 04:01:30 Instrument ID: CVOAMS11
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

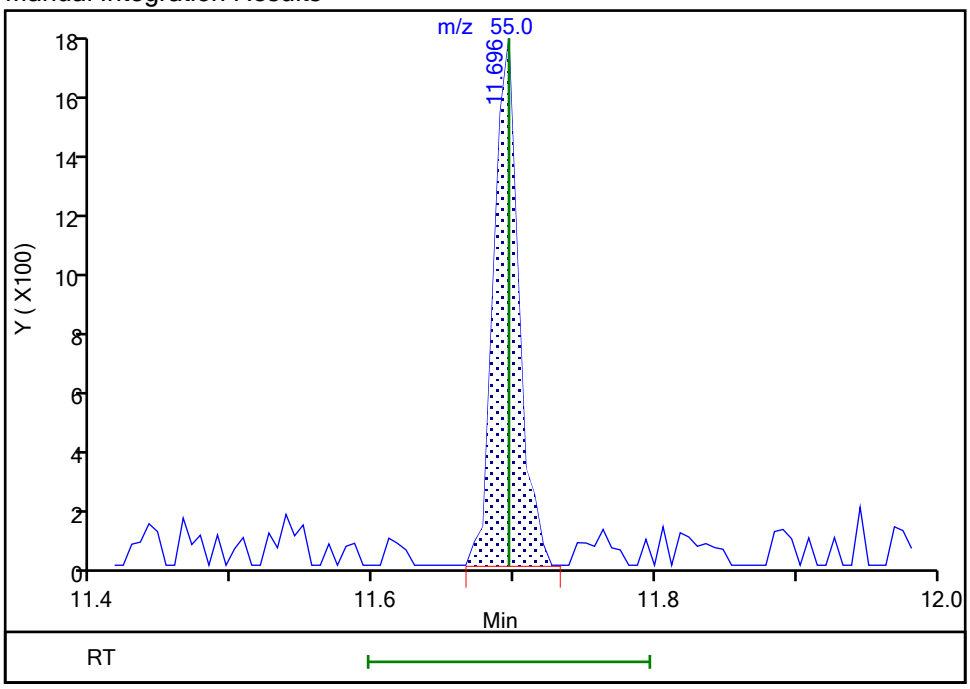
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 2165
Amount: 0.768493
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:50:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 31-Oct-2023 04:25:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0168175-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:50:02 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 04:53:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.825	0.006	49	7840	5.00	8.82	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	95	37420	5.00	5.73	
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	56	23810	5.00	5.21	
7 Chloromethane	52	0.940	0.958	-0.018	98	7506	5.00	5.57	
8 Vinyl chloride	62	0.995	1.007	-0.012	98	23926	5.00	5.77	
9 Butadiene	54	0.995	1.013	-0.018	83	18574	5.00	5.12	
10 Bromomethane	94	1.165	1.178	-0.013	98	22165	5.00	5.98	
11 Chloroethane	64	1.171	1.190	-0.019	98	13730	5.00	5.45	M
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	98	40903	5.00	5.56	
14 Pentane	72	1.311	1.324	-0.013	96	5641	10.0	11.2	
13 Trichlorofluoromethane	101	1.336	1.342	-0.006	97	29507	5.00	5.50	
16 Ethyl ether	74	1.427	1.433	-0.006	99	9556	5.00	5.13	
15 Ethanol	46	1.433	1.439	-0.006	66	2651	200.0	242.9	
17 2-Methyl-1,3-butadiene	53	1.445	1.451	-0.006	90	13076	5.00	5.55	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.470	-0.007	89	17958	5.00	5.74	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.500	0.000	83	28615	5.00	5.84	a
20 Acrolein	56	1.500	1.518	-0.018	73	9835	20.0	20.4	M
22 1,1-Dichloroethene	96	1.561	1.561	0.000	96	18232	5.00	5.78	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	92	18403	5.00	5.33	
23 Acetone	58	1.597	1.597	0.000	86	8203	25.0	25.6	
24 Iodomethane	142	1.646	1.652	-0.006	96	34866	5.00	5.53	
25 Isopropyl alcohol	45	1.670	1.676	-0.006	28	6731	50.0	44.7	M
26 Carbon disulfide	76	1.676	1.682	-0.006	98	66016	5.00	5.50	M
30 Acetonitrile	39	1.756	1.762	-0.006	74	17770	50.0	55.8	
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	92	13213	5.00	5.27	
28 Methyl acetate	74	1.774	1.774	0.000	99	5966	10.0	9.81	
29 Cyclopentene	67	1.804	1.804	0.000	91	33687	5.00	5.66	
32 Methylene Chloride	84	1.829	1.835	-0.007	89	20318	5.00	5.59	
* 31 TBA-d9 (IS)	46	1.865	1.871	-0.006	100	91229	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.920	1.944	-0.024	35	18283	50.0	50.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.981	1.987	-0.006	97	58542	50.0	53.3	
35 trans-1,2-Dichloroethene	96	1.987	1.993	-0.006	94	16976	5.00	5.44	
34 Methyl tert-butyl ether	73	1.993	1.999	-0.006	84	46833	5.00	5.33	
37 Hexane	56	2.157	2.157	0.000	89	8031	5.00	5.46	
39 1,1-Dichloroethane	63	2.254	2.254	0.000	99	29149	5.00	5.53	
40 Vinyl acetate	86	2.279	2.297	-0.018	100	5001	10.0	9.68	
38 Isopropyl ether	45	2.309	2.309	0.000	95	40494	5.00	5.06	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	84	14475	5.00	5.53	
42 Tert-butyl ethyl ether	59	2.552	2.558	-0.006	94	38445	5.00	4.82	M
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	258091	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	98	18446	5.00	5.36	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	90	8657	25.0	25.3	
44 2,2-Dichloropropane	79	2.644	2.656	-0.012	53	8610	5.00	5.02	a
47 Ethyl acetate	70	2.692	2.698	-0.006	98	2758	10.0	10.5	
48 Methyl acrylate	55	2.711	2.717	-0.006	98	14785	5.00	5.12	
49 Propionitrile	54	2.711	2.717	-0.006	62	21702	50.0	49.8	
52 Methacrylonitrile	67	2.802	2.814	-0.012	88	57756	50.0	52.6	
51 Chlorobromomethane	128	2.814	2.820	-0.006	86	10286	5.00	5.77	
50 Tetrahydrofuran	72	2.838	2.857	-0.019	69	3993	10.0	10.8	
53 Chloroform	83	2.875	2.881	-0.006	100	27445	5.00	5.44	
$ 56 Dibromofluoromethane (Surr)	113	2.997	3.003	-0.006	97	151456	50.0	52.5	
55 1,1,1-Trichloroethane	97	3.009	3.015	-0.006	38	25788	5.00	5.41	
54 Cyclohexane	84	3.045	3.057	-0.012	88	20237	5.00	4.77	
58 1,1-Dichloropropene	75	3.130	3.136	-0.006	96	17832	5.00	5.00	
57 Carbon tetrachloride	117	3.130	3.136	-0.006	94	20822	5.00	5.14	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	143748	50.0	51.0	
59 Isobutyl alcohol	43	3.270	3.264	0.006	30	10983	125.0	115.8	a
61 Benzene	78	3.289	3.295	-0.006	92	55099	5.00	4.98	
65 1,2-Dichloroethane	62	3.301	3.313	-0.012	56	18202	5.00	5.30	
60 Isooctane	57	3.362	3.368	-0.006	96	26075	5.00	4.71	
64 Isopropyl acetate	61	3.374	3.380	-0.006	82	4863	5.00	5.14	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	92	40304	5.00	4.74	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	459335	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	37	9409	5.00	4.90	
68 n-Butanol	56	3.830	3.830	0.000	41	6722	125.0	107.8	
69 Trichloroethene	95	3.824	3.830	-0.006	94	13414	5.00	5.04	
70 Ethyl acrylate	99	3.958	3.964	-0.006	96	1022	5.00	5.50	M
71 Methylcyclohexane	83	4.000	4.006	-0.006	91	19734	5.00	4.73	
72 1,2-Dichloropropane	63	4.025	4.037	-0.012	93	13870	5.00	5.25	
* 73 1,4-Dioxane-d8	96	4.122	4.134	-0.012	98	26193	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	97	9757	5.00	5.44	
75 1,4-Dioxane	88	4.165	4.177	-0.012	34	3553	100.0	119.0	
74 Methyl methacrylate	100	4.171	4.177	-0.006	85	6237	10.0	9.61	
77 n-Propyl acetate	43	4.244	4.244	0.000	96	13660	5.00	5.03	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	98	17014	5.00	5.12	
79 2-Nitropropane	41	4.530	4.530	0.000	95	5622	10.0	10.1	
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.006	94	5261	5.01	4.40	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	20988	100.0	94.7	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	17696	5.00	4.57	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	96	48417	25.0	22.8	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	98	454148	50.0	48.8	
85 Toluene	91	5.065	5.071	-0.006	92	52932	5.00	4.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.327	5.333	-0.006	95	16413	5.00	4.84	
87 Ethyl methacrylate	69	5.473	5.473	0.001	87	12206	5.00	4.55	
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	96	10228	5.00	5.09	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	13241	5.00	5.18	
90 1,3-Dichloropropane	76	5.692	5.698	-0.006	92	18277	5.00	4.83	
91 2-Hexanone	58	5.838	5.838	0.000	96	17546	25.0	22.6	
93 Chlorodibromomethane	129	5.935	5.941	-0.006	94	12252	5.00	4.84	
92 n-Butyl acetate	43	6.014	6.020	-0.006	97	13875	5.00	4.98	
94 Ethylene Dibromide	107	6.038	6.038	0.000	95	13452	5.00	5.47	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	363787	50.0	50.0	
96 Chlorobenzene	112	6.635	6.634	0.001	98	37182	5.00	5.41	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.756	-0.006	96	14843	5.00	4.93	
97 Ethylbenzene	106	6.793	6.793	0.000	98	15851	5.00	4.59	
99 m-Xylene & p-Xylene	106	6.939	6.945	-0.006	0	18339	5.00	4.42	
100 o-Xylene	106	7.431	7.431	0.000	95	18483	5.00	4.25	
102 Styrene	104	7.450	7.450	0.000	97	26553	5.00	4.08	
101 n-Butyl acrylate	73	7.486	7.492	-0.006	98	6238	5.00	3.99	
104 Bromoform	173	7.644	7.650	-0.006	94	8111	5.00	4.68	
103 Amyl acetate (mixed isomers)	43	7.809	7.809	0.000	93	13779	5.00	4.28	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	46316	5.00	4.21	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.000	90	127835	50.0	49.0	
107 Bromobenzene	156	8.247	8.247	0.000	96	14842	5.00	5.04	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	98	16970	5.00	4.87	
110 1,2,3-Trichloropropane	110	8.368	8.362	0.006	97	4941	5.00	5.17	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.423	0.000	89	3200	5.00	4.06	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	54035	5.00	4.22	
112 2-Chlorotoluene	91	8.520	8.526	-0.006	96	35270	5.00	4.52	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	41936	5.00	4.22	
115 4-Chlorotoluene	91	8.673	8.679	-0.006	97	37082	5.00	4.53	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	91	39559	5.00	4.28	
116 Butyl Methacrylate	87	8.934	8.940	-0.006	89	11026	5.00	3.80	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	30022	5.00	4.07	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	37225	5.00	4.00	
119 sec-Butylbenzene	105	9.403	9.403	0.001	99	46401	5.00	4.22	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	94	27366	5.00	5.03	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	202295	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	88	29646	5.00	5.21	
121 4-Isopropyltoluene	119	9.597	9.597	0.000	97	42600	5.00	4.43	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	45740	5.00	4.38	
125 Benzyl chloride	126	9.761	9.768	-0.007	98	5279	5.00	4.43	
126 2,3-Dihydroindene	117	9.865	9.871	-0.006	92	41883	5.00	4.36	
129 1,2-Dichlorobenzene	146	9.981	9.980	0.000	96	27796	5.00	4.91	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	23094	5.00	4.31	
128 n-Butylbenzene	92	10.035	10.035	0.000	98	20641	5.00	4.44	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.747	-0.006	41	3632	5.00	4.67	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.753	-0.006	97	30285	5.00	3.01	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	98	18243	5.00	4.58	
133 1,2,4-Trichlorobenzene	180	11.434	11.440	-0.006	93	15349	5.00	4.48	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	91	5259	5.00	4.94	
135 Naphthalene	128	11.623	11.623	0.000	99	33486	5.00	3.95	
165 2-Ethylhexyl acrylate	55	11.690	11.696	-0.006	93	10303	5.00	3.42	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	94	13757	5.00	4.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 138 Xylenes, Total	100				0		10.0	8.68	
S 139 Total BTEX	1				0		25.0	23.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00178	Amount Added:	10.00	Units: uL	
524FREONS_00009	Amount Added:	10.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
GASES Li_00554	Amount Added:	10.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

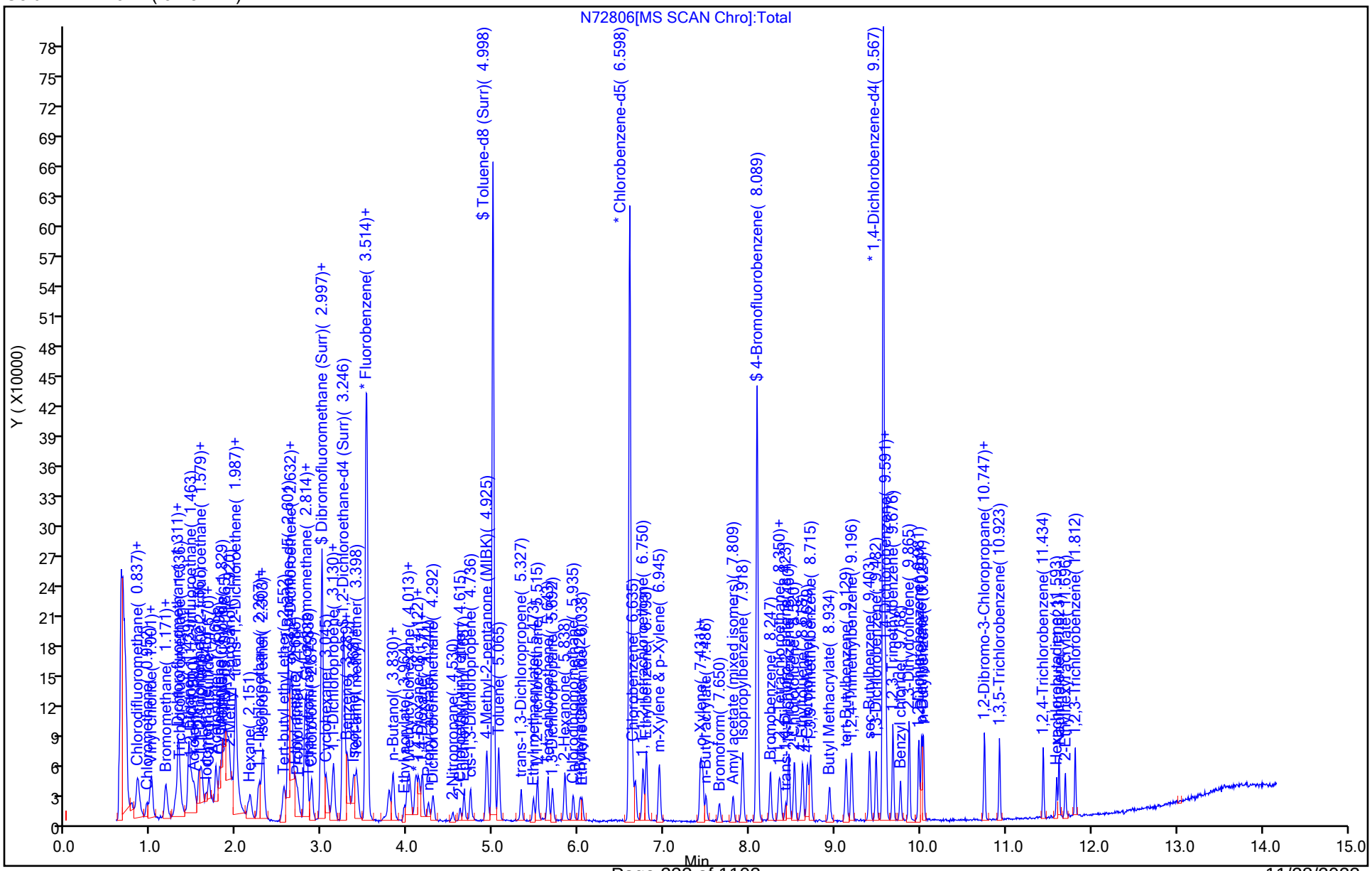
Report Date: 31-Oct-2023 20:50:02 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D

Injection Date:	31-Oct-2023 04:25:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison

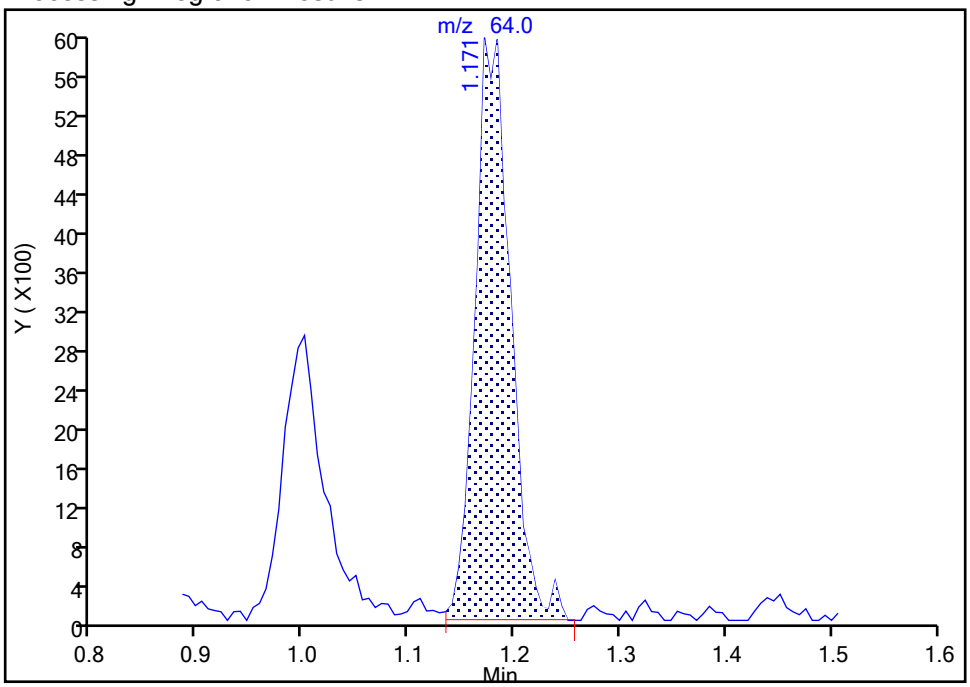
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Chloroethane, CAS: 75-00-3

Signal: 1

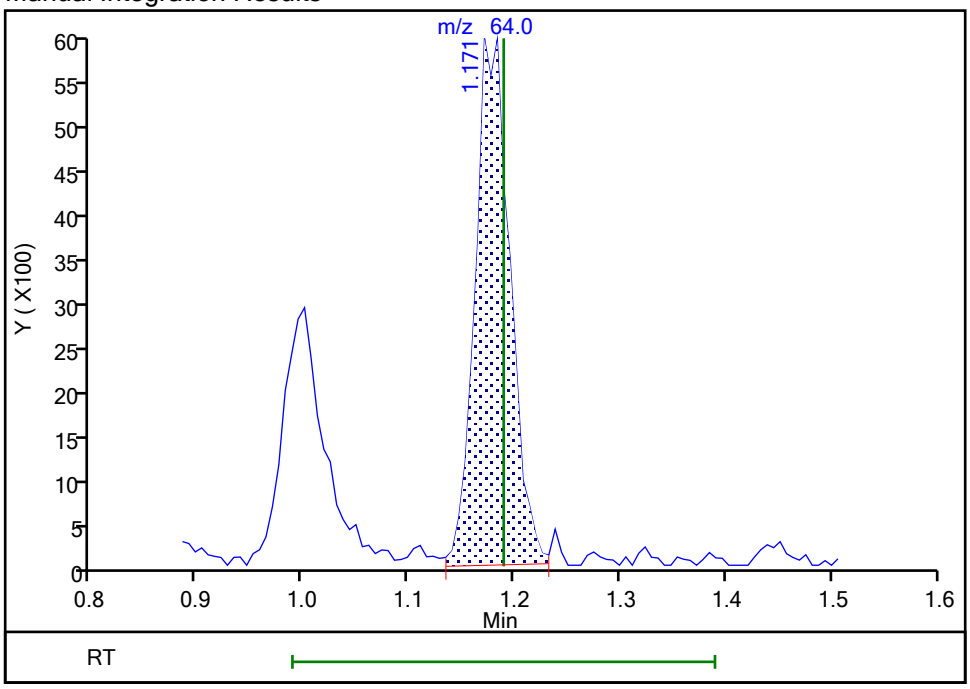
Processing Integration Results

RT: 1.17
Area: 13954
Amount: 5.849438
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 13730
Amount: 5.453159
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:22:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

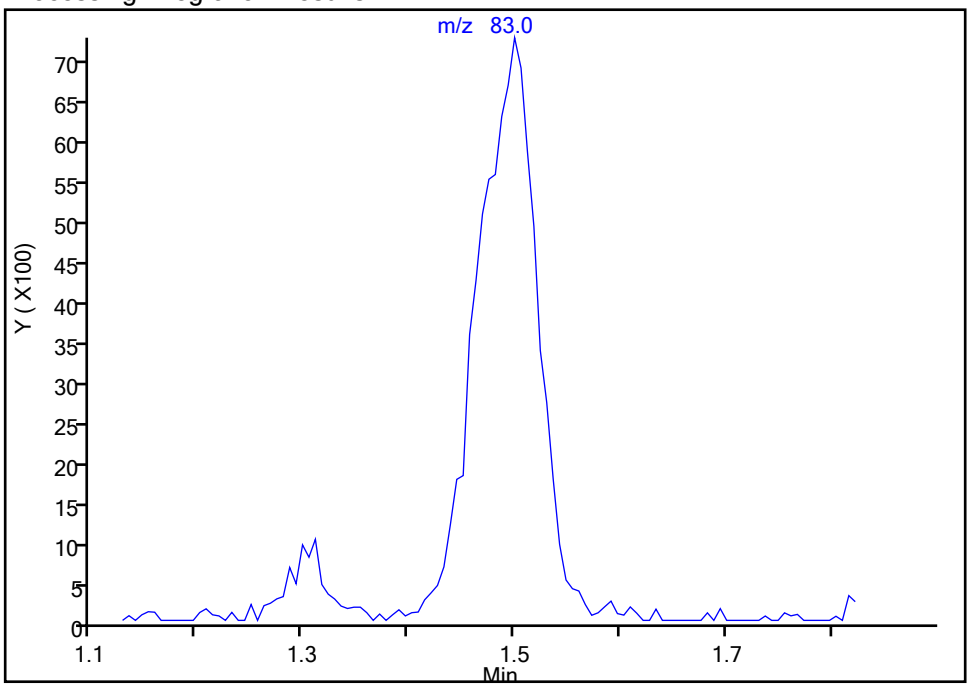
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

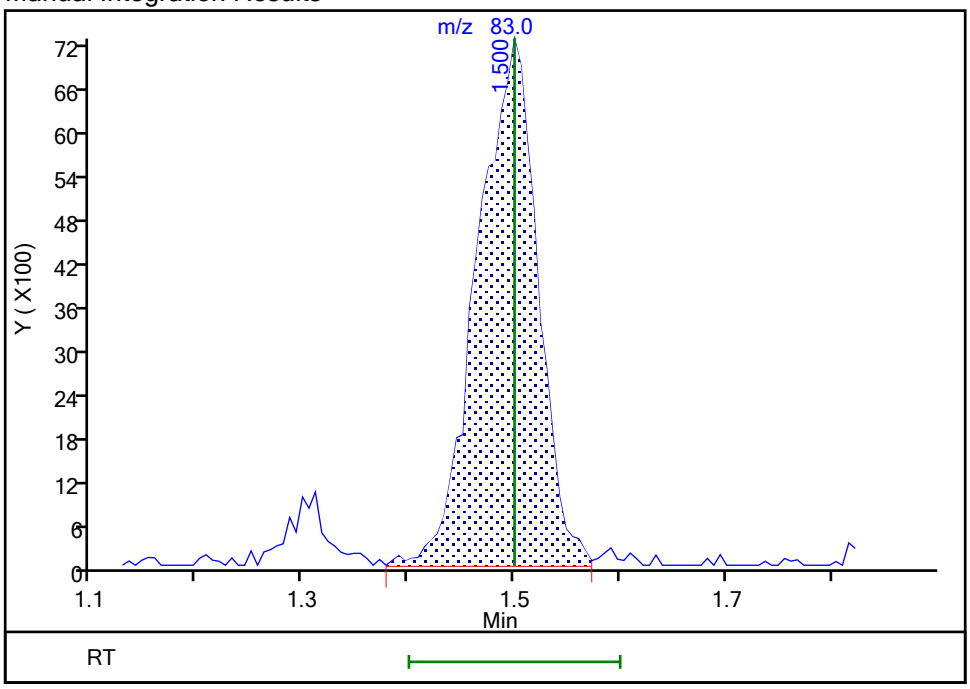
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.50
Area: 28615
Amount: 5.843201
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:51:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

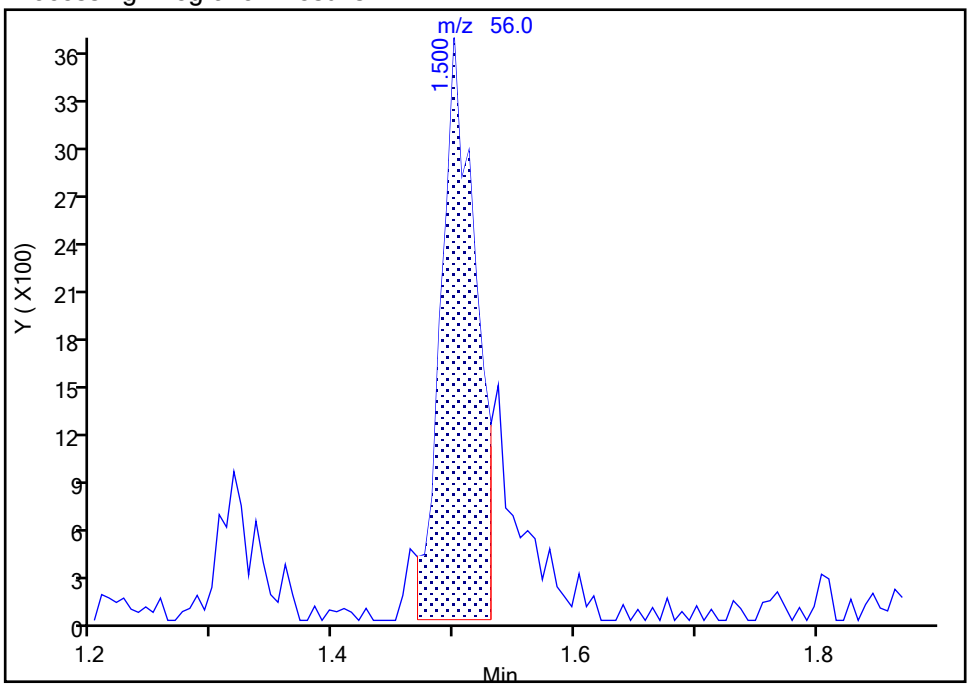
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Acrolein, CAS: 107-02-8

Signal: 1

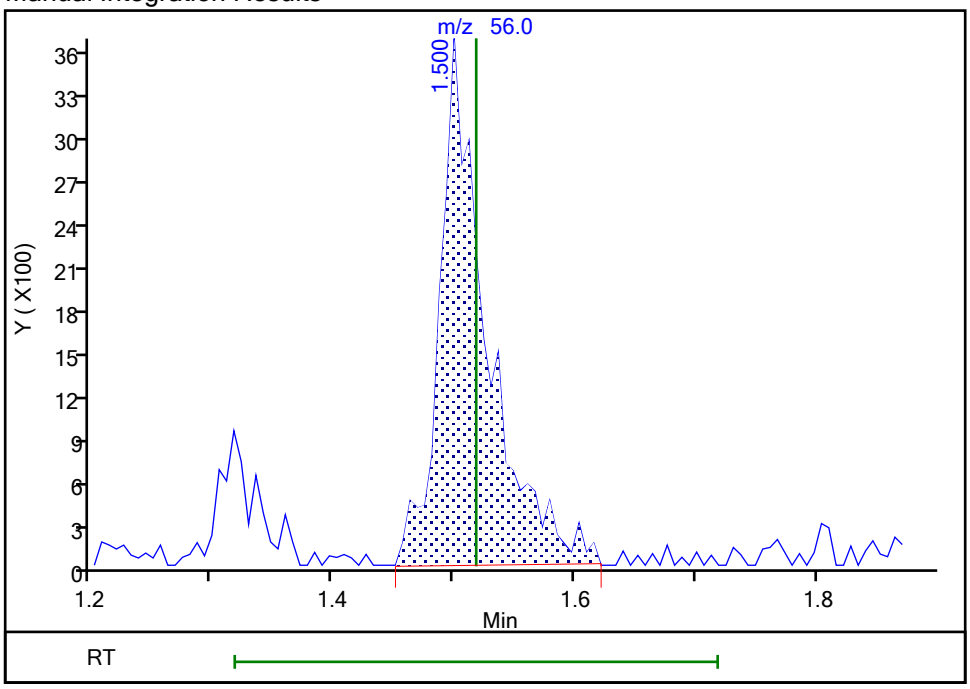
Processing Integration Results

RT: 1.50
Area: 7409
Amount: 16.040575
Amount Units: ug/l



Manual Integration Results

RT: 1.50
Area: 9835
Amount: 20.400000
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:13:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

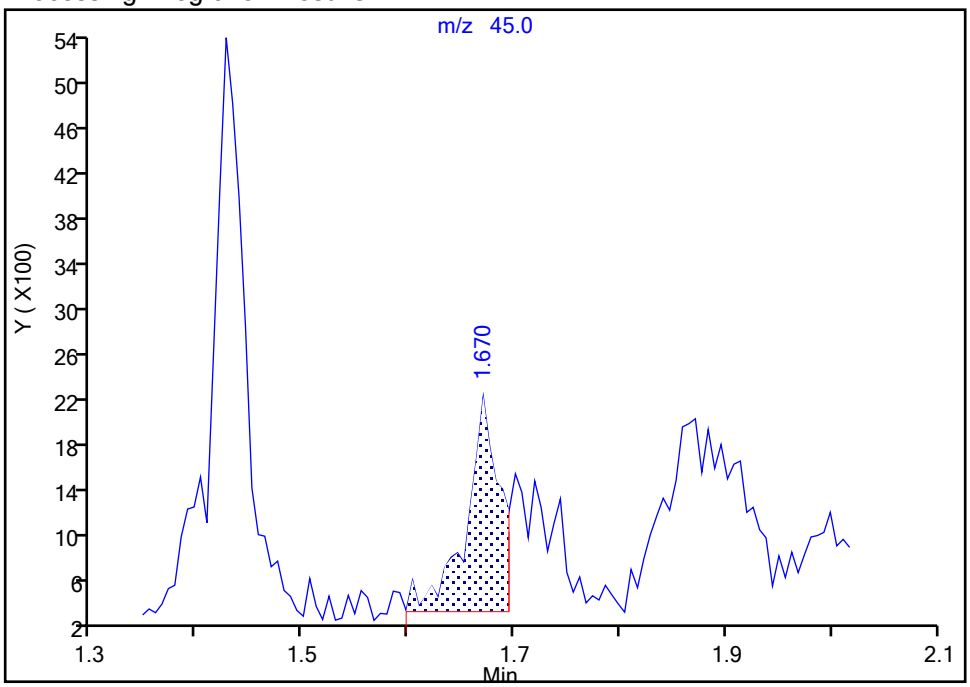
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

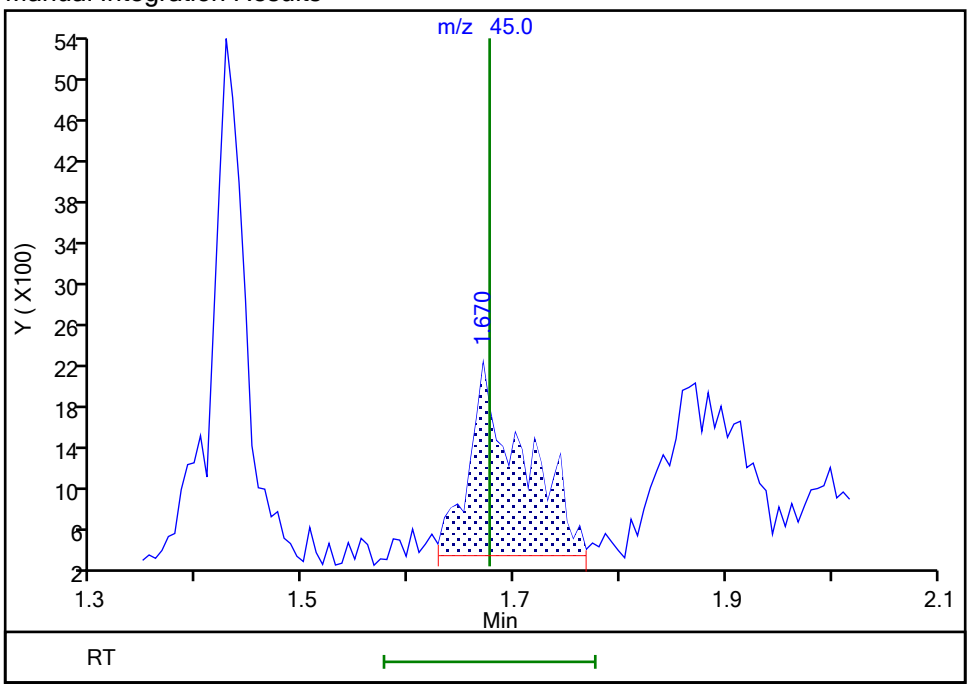
Processing Integration Results

RT: 1.67
Area: 4126
Amount: 24.187385
Amount Units: ug/l



Manual Integration Results

RT: 1.67
Area: 6731
Amount: 44.737048
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:11:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

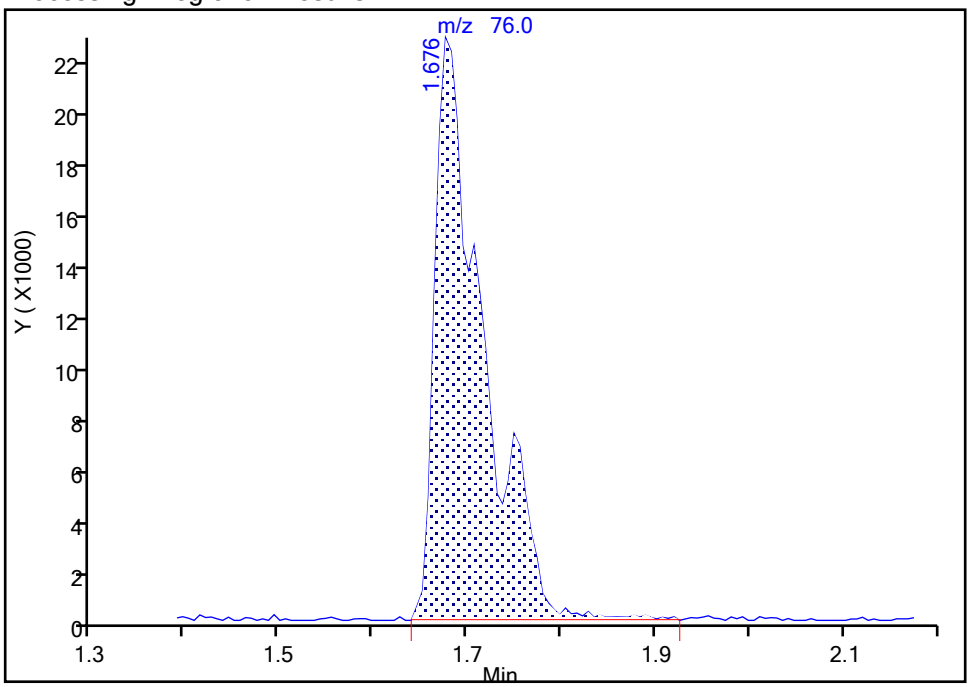
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

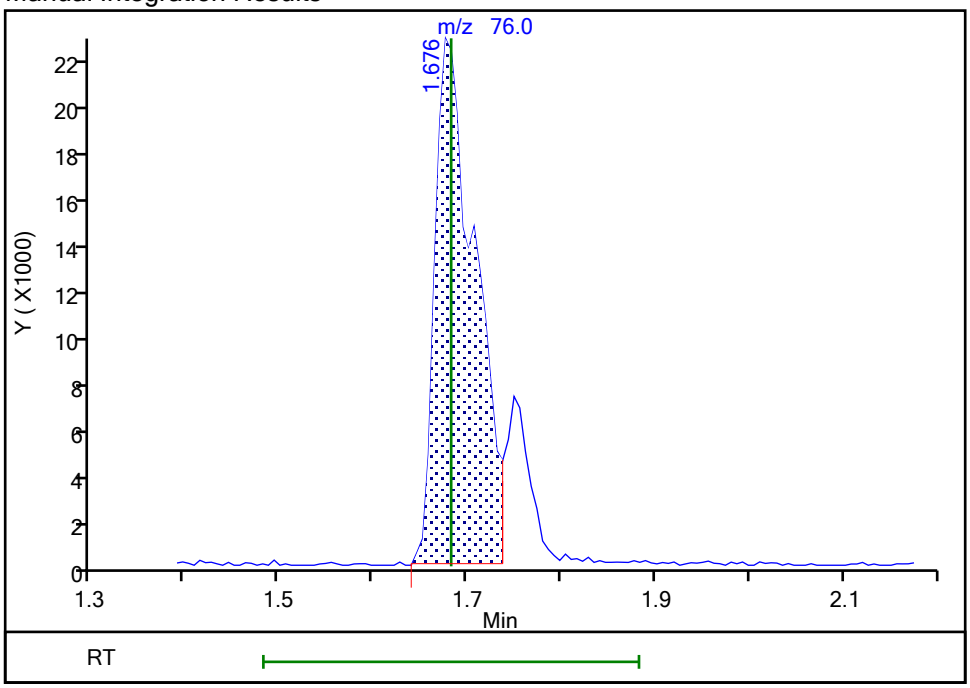
Processing Integration Results

RT: 1.68
Area: 79087
Amount: 6.150319
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 66016
Amount: 5.500756
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:14:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

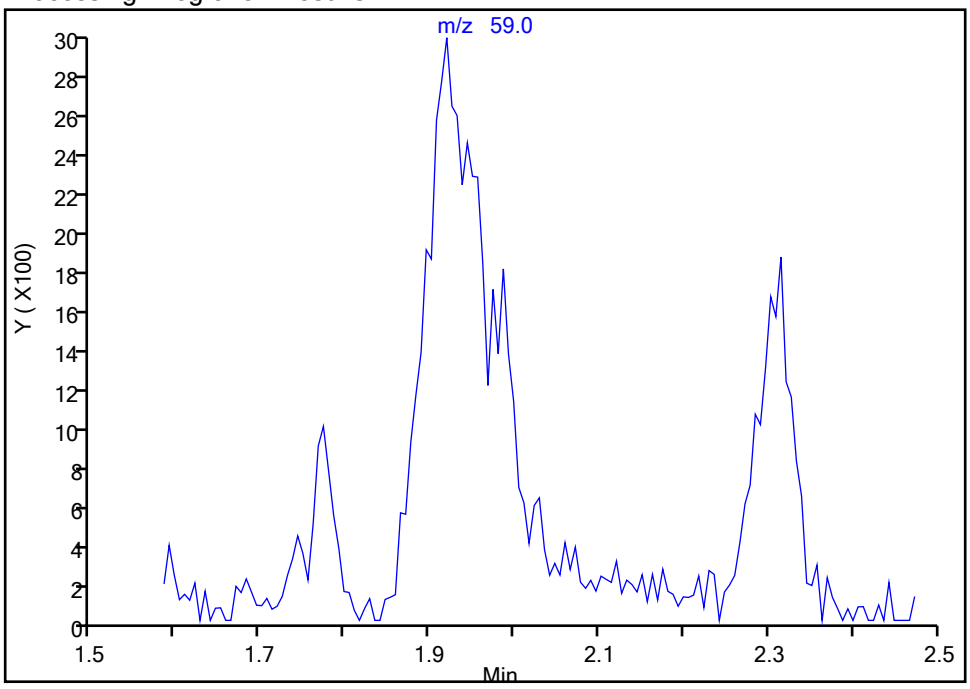
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

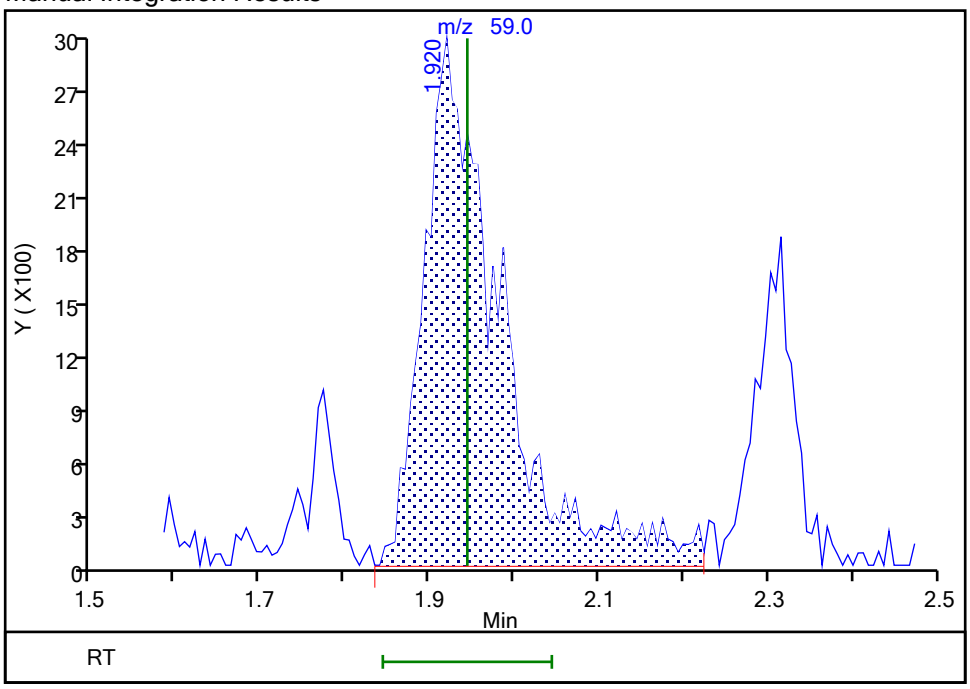
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 18283
Amount: 50.220901
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:51:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

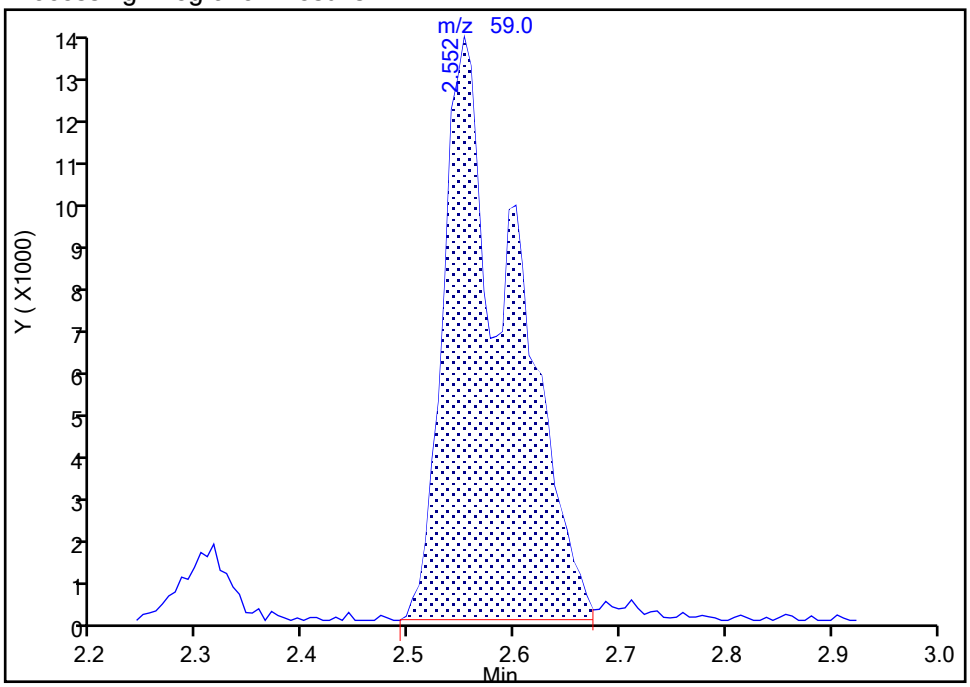
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

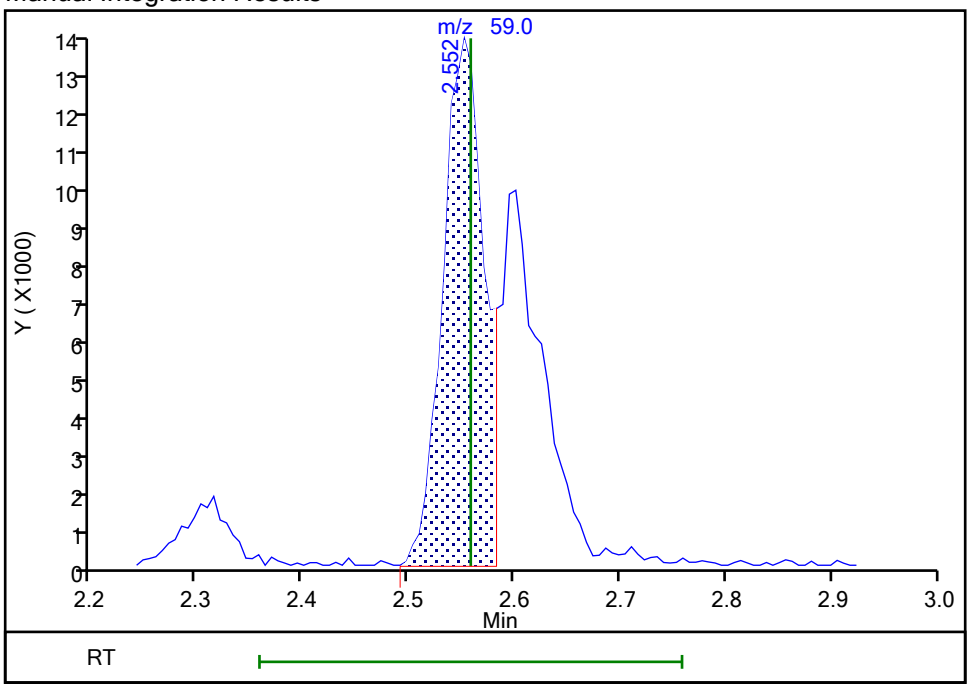
Processing Integration Results

RT: 2.55
Area: 63867
Amount: 7.582756
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 38445
Amount: 4.823659
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:12:18 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Edison

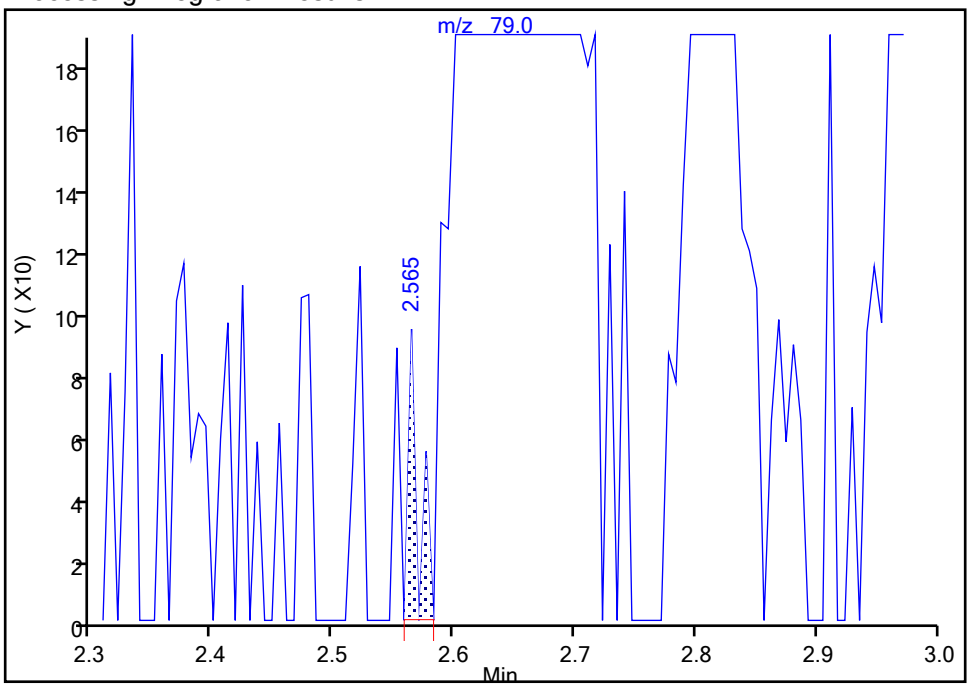
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

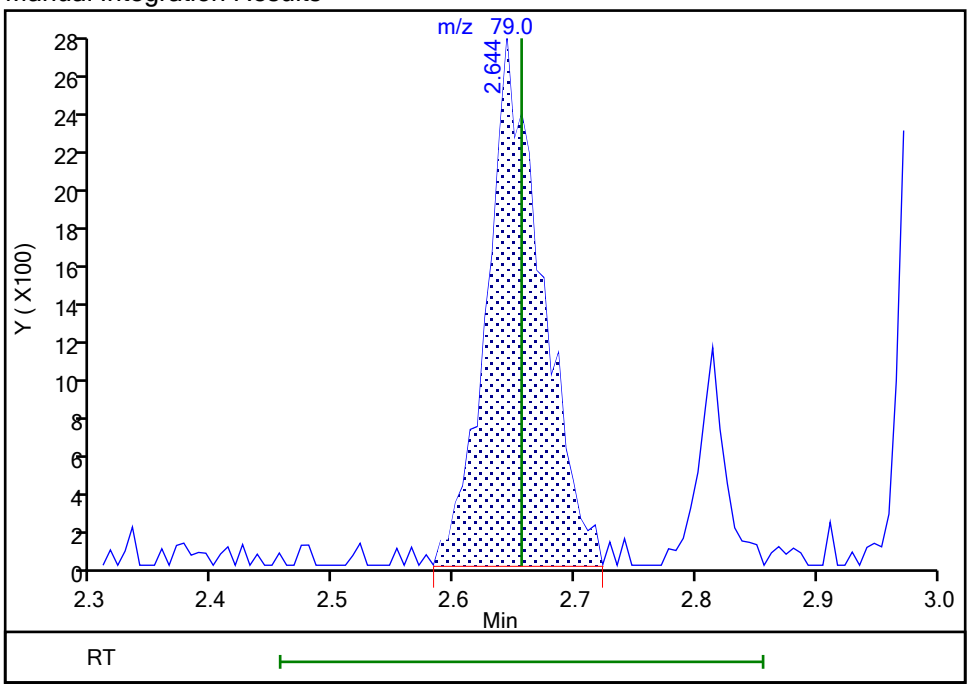
Processing Integration Results

RT: 2.56
Area: 54
Amount: 0.038937
Amount Units: ug/l



Manual Integration Results

RT: 2.64
Area: 8610
Amount: 5.023514
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:52:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

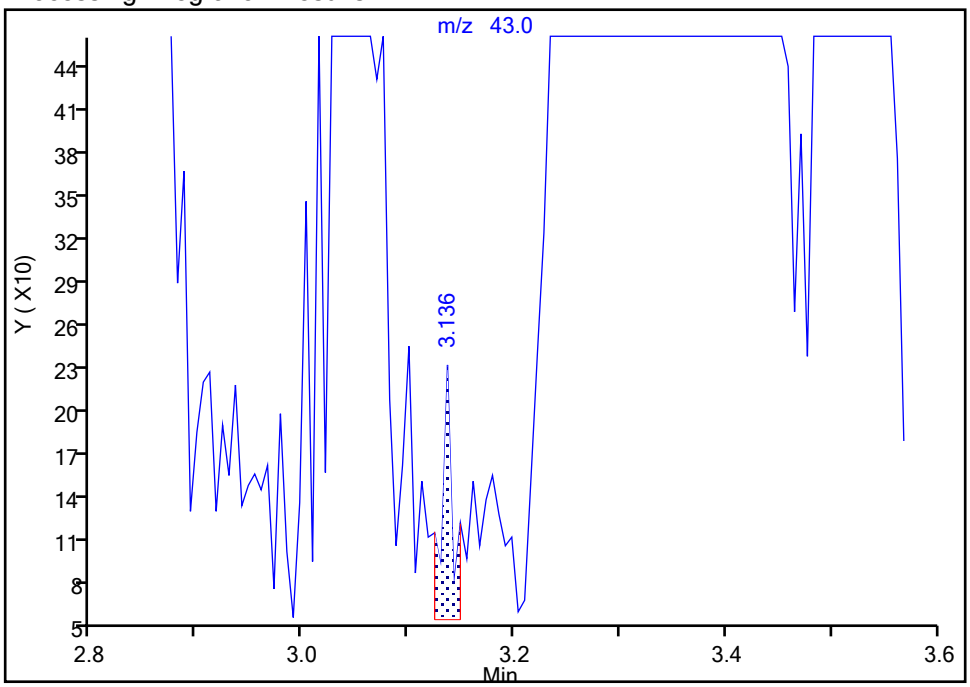
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

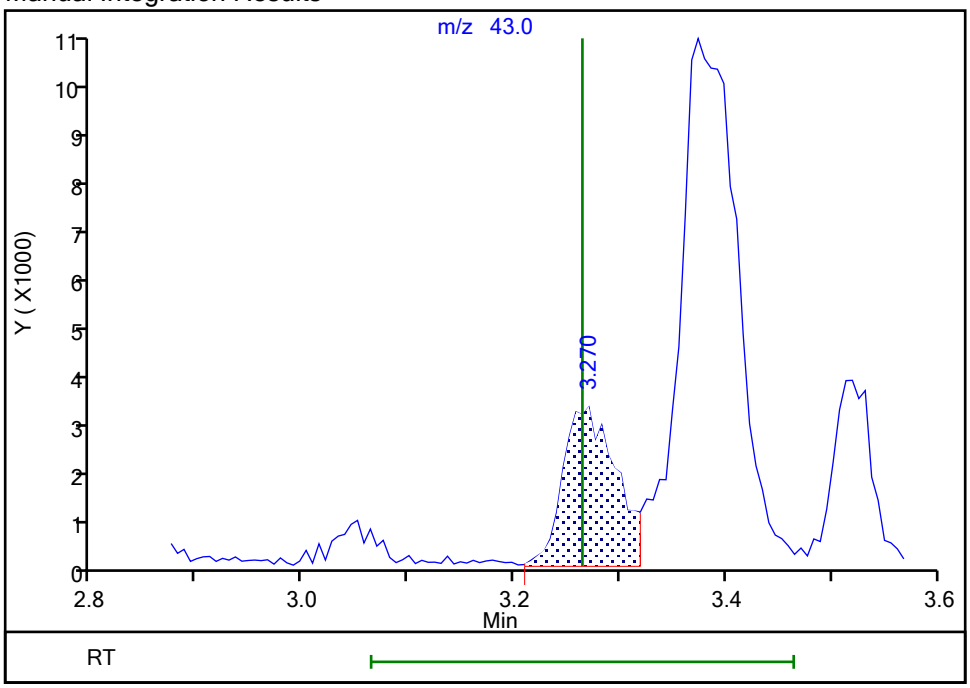
Processing Integration Results

RT: 3.14
Area: 134
Amount: 0.895105
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 10983
Amount: 115.8259
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:52:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

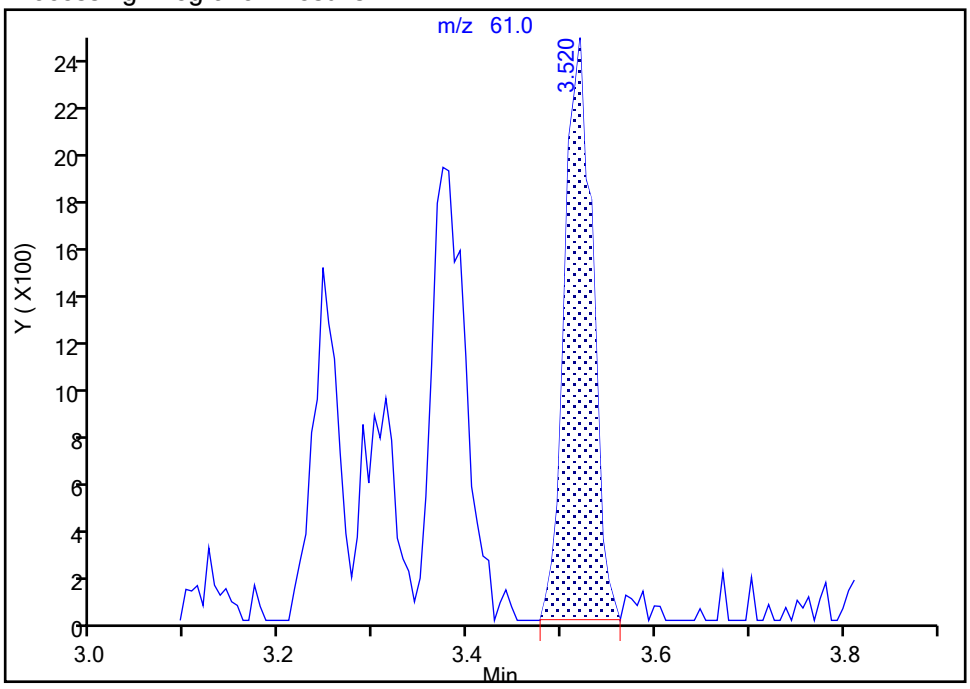
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

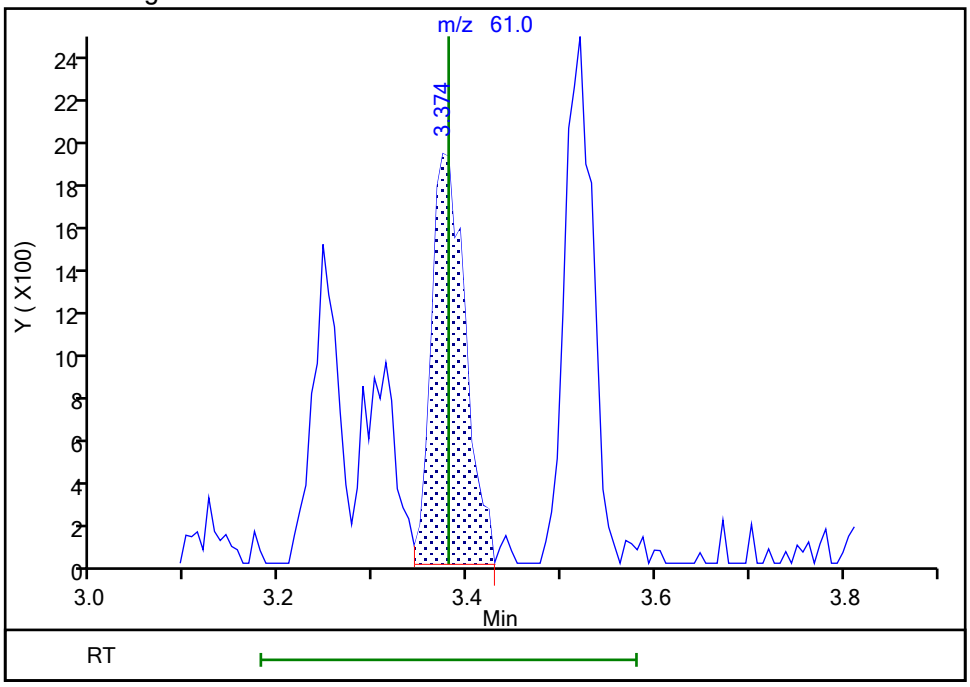
Processing Integration Results

RT: 3.52
Area: 5188
Amount: 5.018092
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 4863
Amount: 5.138902
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:52:49 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

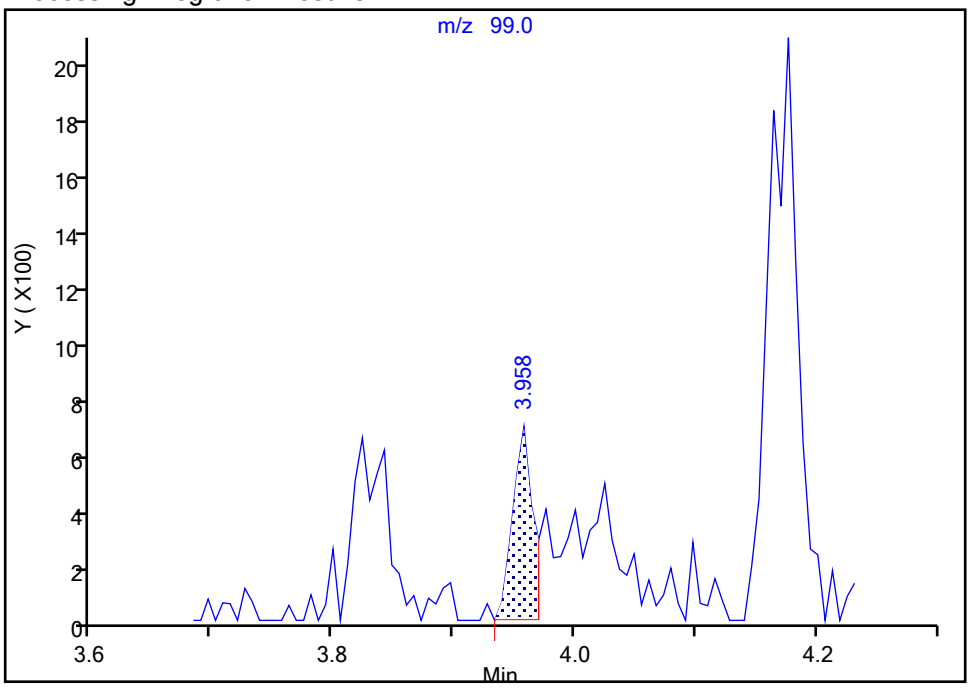
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

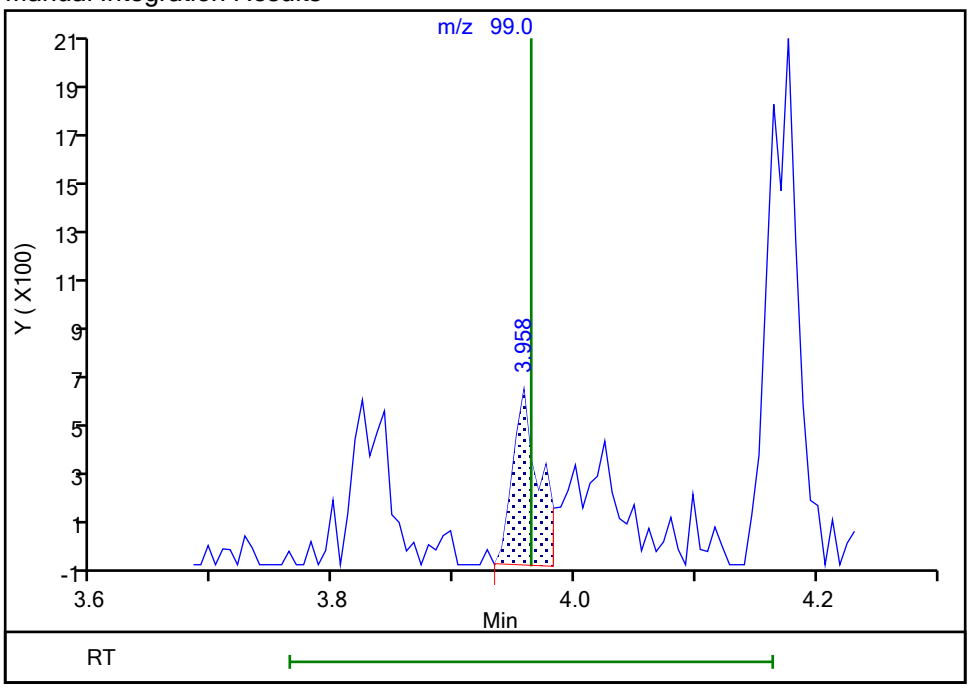
Processing Integration Results

RT: 3.96
Area: 796
Amount: 3.043136
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 1022
Amount: 5.500757
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:15:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

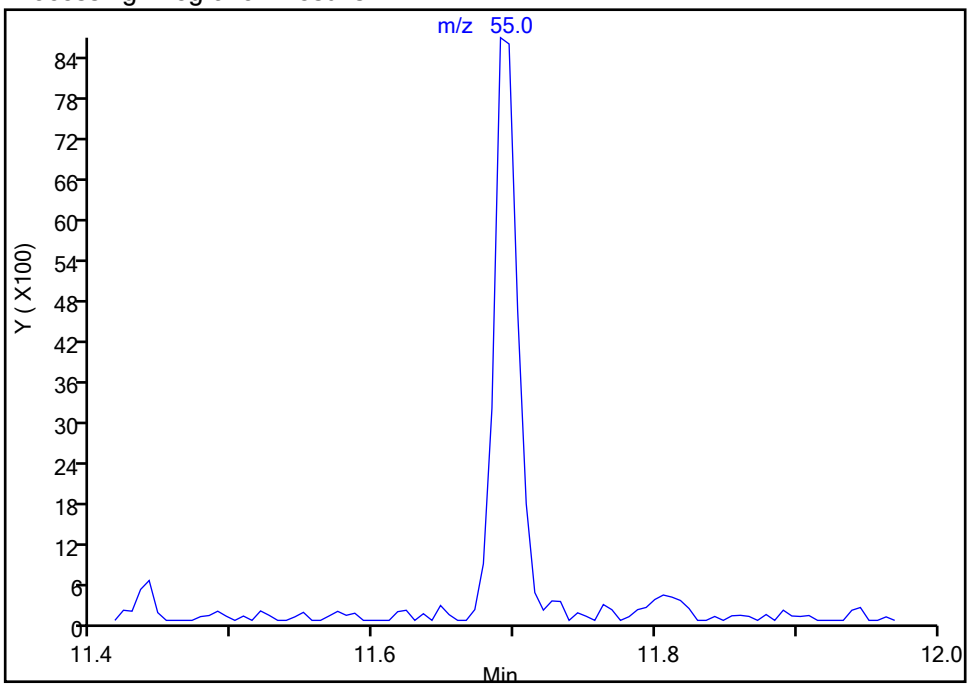
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72806.D
Injection Date: 31-Oct-2023 04:25:30 Instrument ID: CVOAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

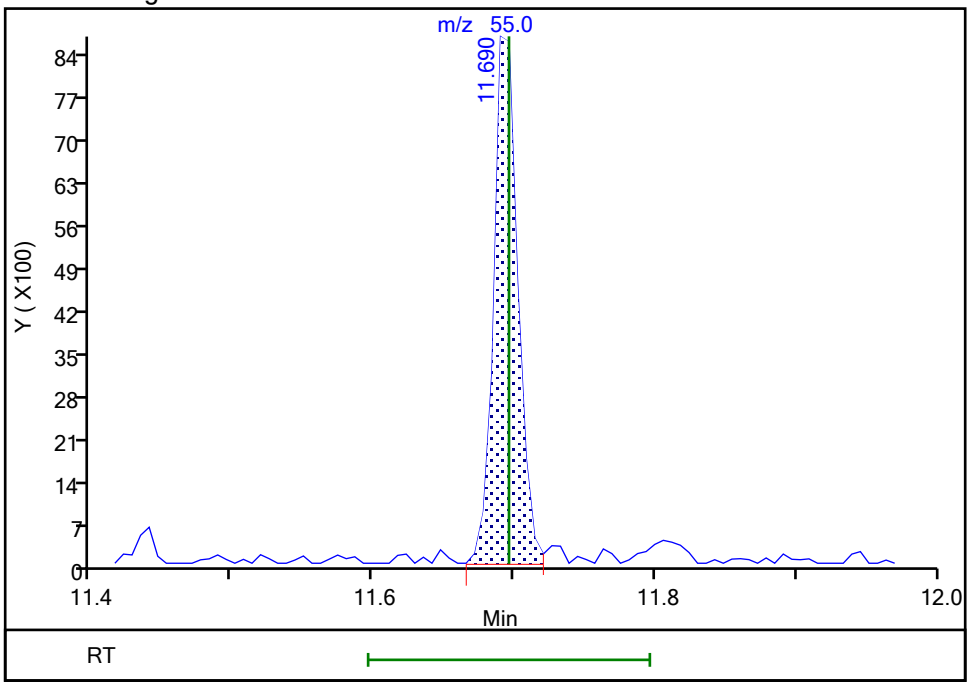
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.69
Area: 10303
Amount: 3.418123
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 04:53:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 31-Oct-2023 04:48:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0168175-006
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:50:20 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 05:10:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.825	0.825	0.000	92	29159	20.0	33.2	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	96	140074	20.0	21.6	
5 Dichlorodifluoromethane	85	0.855	0.855	0.000	95	92436	20.0	20.3	
7 Chloromethane	52	0.958	0.958	0.000	98	38204	20.0	28.9	
8 Vinyl chloride	62	1.007	1.007	0.000	98	86145	20.0	20.9	
9 Butadiene	54	1.013	1.013	0.000	89	71757	20.0	19.9	
10 Bromomethane	94	1.178	1.178	0.000	99	76975	20.0	20.9	
11 Chloroethane	64	1.190	1.190	0.000	99	53714	20.0	21.4	
12 Dichlorofluoromethane	67	1.317	1.317	0.000	99	159238	20.0	21.8	
14 Pentane	72	1.324	1.324	0.000	97	20226	40.0	39.6	
13 Trichlorofluoromethane	101	1.342	1.342	0.000	97	111839	20.0	21.0	
16 Ethyl ether	74	1.433	1.433	0.000	93	36699	20.0	21.8	
15 Ethanol	46	1.439	1.439	0.000	68	7960	800.0	721.5	M
17 2-Methyl-1,3-butadiene	53	1.451	1.451	0.000	94	50225	20.0	21.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.470	1.470	0.000	93	66168	20.0	21.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.500	0.000	93	105287	20.0	21.6	a
20 Acrolein	56	1.518	1.518	0.000	48	19194	40.0	39.4	
22 1,1-Dichloroethene	96	1.561	1.561	0.000	97	62972	20.0	20.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.597	1.597	0.000	88	70605	20.0	20.5	
23 Acetone	58	1.597	1.597	0.000	87	31410	100.0	99.3	
24 Iodomethane	142	1.652	1.652	0.000	97	132668	20.0	21.2	
25 Isopropyl alcohol	45	1.676	1.676	0.000	26	31572	200.0	207.6	a
26 Carbon disulfide	76	1.682	1.682	0.000	98	246271	20.0	20.6	M
30 Acetonitrile	39	1.762	1.762	0.000	87	61938	200.0	192.5	
27 3-Chloro-1-propene	76	1.762	1.762	0.000	92	51519	20.0	20.6	
28 Methyl acetate	74	1.774	1.774	0.000	97	29895	40.0	48.6	
29 Cyclopentene	67	1.804	1.804	0.000	95	122934	20.0	20.8	
32 Methylene Chloride	84	1.835	1.835	0.000	88	75292	20.0	20.8	
* 31 TBA-d9 (IS)	46	1.871	1.871	0.000	100	92232	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.944	1.944	0.000	91	69923	200.0	190.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.987	1.987	0.000	95	231542	200.0	212.1	
35 trans-1,2-Dichloroethene	96	1.993	1.993	0.000	92	67345	20.0	21.7	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	96	186458	20.0	21.3	
37 Hexane	56	2.157	2.157	0.000	93	32196	20.0	22.0	
39 1,1-Dichloroethane	63	2.254	2.254	0.000	99	113143	20.0	21.6	
40 Vinyl acetate	86	2.297	2.297	0.000	99	17428	40.0	34.1	
38 Isopropyl ether	45	2.309	2.309	0.000	94	168477	20.0	21.2	
41 2-Chloro-1,3-butadiene	88	2.315	2.315	0.000	87	55563	20.0	21.3	
42 Tert-butyl ethyl ether	59	2.558	2.558	0.000	92	187075	20.0	23.6	a
* 43 2-Butanone-d5	46	2.607	2.607	0.000	97	255013	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.650	2.650	0.000	98	74212	20.0	21.7	
46 2-Butanone (MEK)	72	2.650	2.650	0.000	90	33379	100.0	98.8	
44 2,2-Dichloropropane	79	2.656	2.656	0.000	66	32062	20.0	20.7	
47 Ethyl acetate	70	2.698	2.698	0.000	97	9973	40.0	38.4	
48 Methyl acrylate	55	2.717	2.717	0.000	97	64184	20.0	22.4	
49 Propionitrile	54	2.717	2.717	0.000	97	89233	200.0	202.3	
52 Methacrylonitrile	67	2.814	2.814	0.000	88	238754	200.0	218.6	
51 Chlorobromomethane	128	2.820	2.820	0.000	79	37647	20.0	21.2	
50 Tetrahydrofuran	72	2.857	2.857	0.000	77	15554	40.0	42.7	
53 Chloroform	83	2.881	2.881	0.000	100	110197	20.0	22.0	
$ 56 Dibromofluoromethane (Surr)	113	3.003	3.003	0.000	97	146976	50.0	51.2	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	97	97060	20.0	20.5	
54 Cyclohexane	84	3.057	3.057	0.000	89	85026	20.0	20.1	
58 1,1-Dichloropropene	75	3.136	3.136	0.000	99	70942	20.0	20.0	
57 Carbon tetrachloride	117	3.136	3.136	0.000	96	80010	20.0	19.9	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	137170	50.0	48.9	
59 Isobutyl alcohol	43	3.264	3.264	0.000	44	44464	500.0	463.8	a
61 Benzene	78	3.295	3.295	0.000	93	222004	20.0	20.8	
65 1,2-Dichloroethane	62	3.313	3.313	0.000	97	67788	20.0	19.9	
60 Isooctane	57	3.368	3.368	0.000	97	102011	20.0	18.5	
64 Isopropyl acetate	61	3.380	3.380	0.000	98	17838	20.0	19.0	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	95	188754	20.0	22.3	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	456892	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	70	33038	20.0	17.3	
68 n-Butanol	56	3.830	3.830	0.000	41	27712	500.0	439.7	
69 Trichloroethene	95	3.830	3.830	0.000	98	51768	20.0	19.6	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	4112	20.0	21.8	
71 Methylcyclohexane	83	4.006	4.006	0.000	89	80162	20.0	19.3	a
72 1,2-Dichloropropane	63	4.037	4.037	0.000	95	52484	20.0	20.0	
* 73 1,4-Dioxane-d8	96	4.134	4.134	0.000	52	28082	1000.0	1000.0	
76 Dibromomethane	93	4.140	4.140	0.000	95	35329	20.0	19.8	
75 1,4-Dioxane	88	4.177	4.177	0.000	31	13276	400.0	414.6	
74 Methyl methacrylate	100	4.177	4.177	0.000	83	26283	40.0	40.7	
77 n-Propyl acetate	43	4.244	4.244	0.000	97	48106	20.0	17.8	
78 Dichlorobromomethane	83	4.298	4.298	0.000	98	65929	20.0	19.9	
79 2-Nitropropane	41	4.530	4.530	0.000	99	17620	40.0	31.5	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	94	20559	20.0	17.3	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	88240	400.0	402.8	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	72736	20.0	19.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	95	207620	100.0	98.8	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	450817	50.0	50.1	
85 Toluene	91	5.071	5.071	0.000	93	202353	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.333	5.333	0.000	95	62590	20.0	19.1	
87 Ethyl methacrylate	69	5.473	5.473	0.000	87	47423	20.0	17.8	
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	97	38840	20.0	20.0	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	49617	20.0	20.1	
90 1,3-Dichloropropane	76	5.698	5.698	0.000	91	73119	20.0	20.0	
91 2-Hexanone	58	5.838	5.838	0.000	94	74401	100.0	96.8	
93 Chlorodibromomethane	129	5.941	5.941	0.000	98	49907	20.0	20.4	
92 n-Butyl acetate	43	6.020	6.020	0.000	99	47195	20.0	17.5	
94 Ethylene Dibromide	107	6.038	6.038	0.000	99	48832	20.0	20.6	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	351791	50.0	50.0	
96 Chlorobenzene	112	6.634	6.634	0.000	96	133044	20.0	20.0	
98 1,1,1,2-Tetrachloroethane	131	6.756	6.756	0.000	96	56538	20.0	19.4	
97 Ethylbenzene	106	6.793	6.793	0.000	98	68095	20.0	20.4	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	81396	20.0	20.3	
100 o-Xylene	106	7.431	7.431	0.000	95	86660	20.0	20.6	
102 Styrene	104	7.450	7.450	0.000	96	133452	20.0	21.2	
101 n-Butyl acrylate	73	7.492	7.492	0.000	97	26813	20.0	17.7	
104 Bromoform	173	7.650	7.650	0.000	96	33354	20.0	19.5	
103 Amyl acetate (mixed isomers)	43	7.809	7.809	0.000	93	54404	20.0	17.2	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	223750	20.0	21.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	133271	50.0	52.8	
107 Bromobenzene	156	8.247	8.247	0.000	96	59970	20.0	20.7	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	99	70532	20.0	20.6	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	18839	20.0	20.0	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.423	0.000	87	15159	20.0	19.5	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	253594	20.0	20.1	
112 2-Chlorotoluene	91	8.526	8.526	0.000	96	160436	20.0	20.9	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	203298	20.0	20.8	
115 4-Chlorotoluene	91	8.679	8.679	0.000	95	163035	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	93	187765	20.0	20.6	
116 Butyl Methacrylate	87	8.940	8.940	0.000	89	46255	20.0	16.1	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	139979	20.0	19.3	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	191568	20.0	20.9	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	218453	20.0	20.2	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	113814	20.0	21.2	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	199206	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	96	113437	20.0	20.3	
121 4-Isopropyltoluene	119	9.597	9.597	0.000	98	187834	20.0	19.8	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	218322	20.0	21.3	
125 Benzyl chloride	126	9.768	9.768	0.000	99	21783	20.0	18.6	
126 2,3-Dihydroindene	117	9.871	9.871	0.000	93	201327	20.0	21.3	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	112876	20.0	20.2	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	110455	20.0	20.9	
128 n-Butylbenzene	92	10.035	10.035	0.000	98	99039	20.0	21.6	
131 1,2-Dibromo-3-Chloropropane	157	10.747	10.747	0.000	93	13681	20.0	17.9	
130 1,2,4,5-Tetramethylbenzene	119	10.753	10.753	0.000	97	155587	20.0	15.6	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	98	80463	20.0	20.5	
133 1,2,4-Trichlorobenzene	180	11.440	11.440	0.000	93	69236	20.0	20.5	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	90	19420	20.0	18.5	
135 Naphthalene	128	11.623	11.623	0.000	99	165517	20.0	19.6	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	92	45140	20.0	15.1	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	97	67099	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 138 Xylenes, Total	100				0		40.0	40.9	
S 139 Total BTEX	1				0		100.0	101.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00178	Amount Added:	20.00	Units: uL	
524FREONS_00009	Amount Added:	20.00	Units: uL	
ACROLEIN W_00161	Amount Added:	4.00	Units: uL	
GASES Li_00554	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00005	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Oct-2023 20:50:21 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D

Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11 Operator ID:

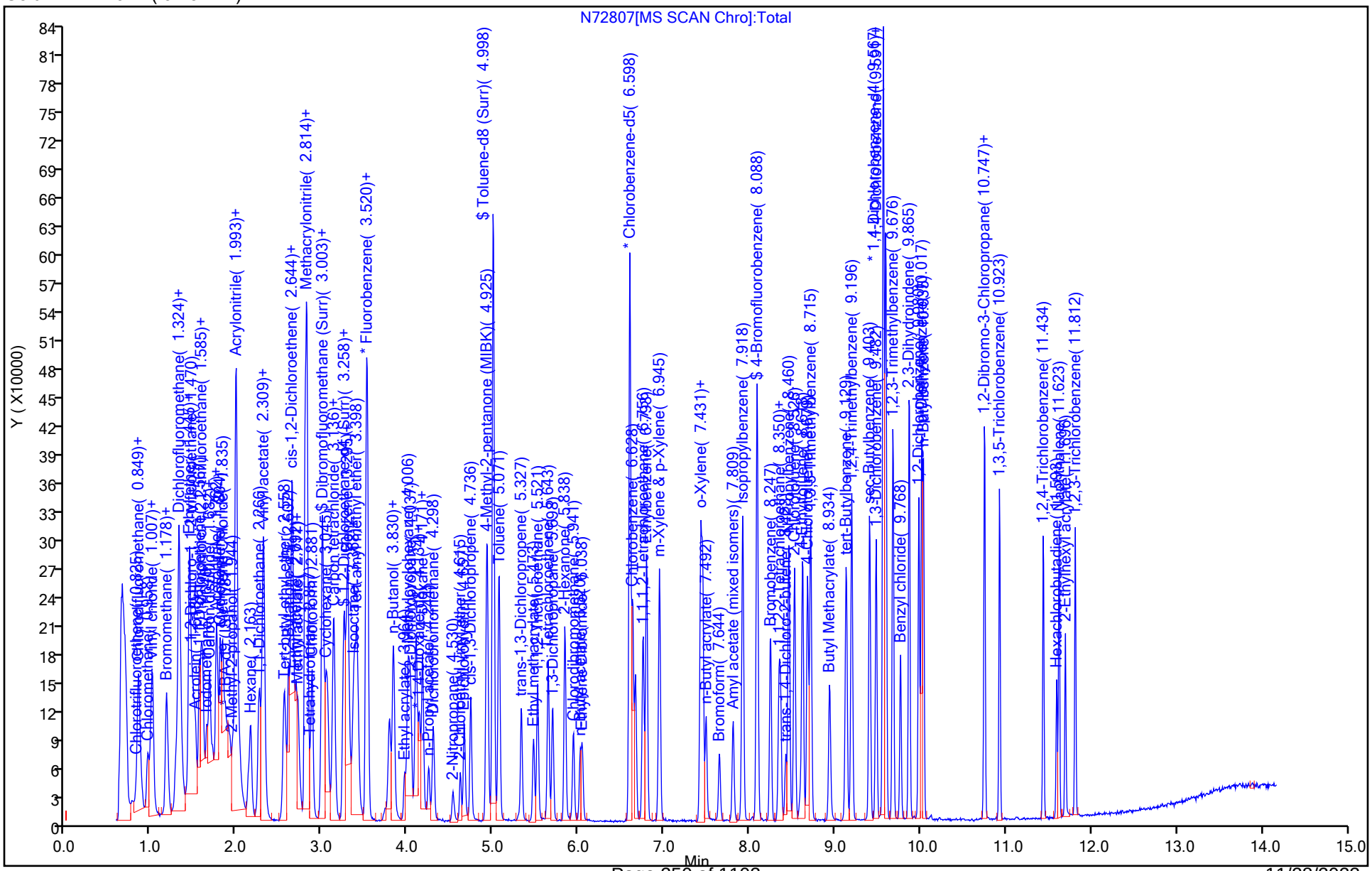
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

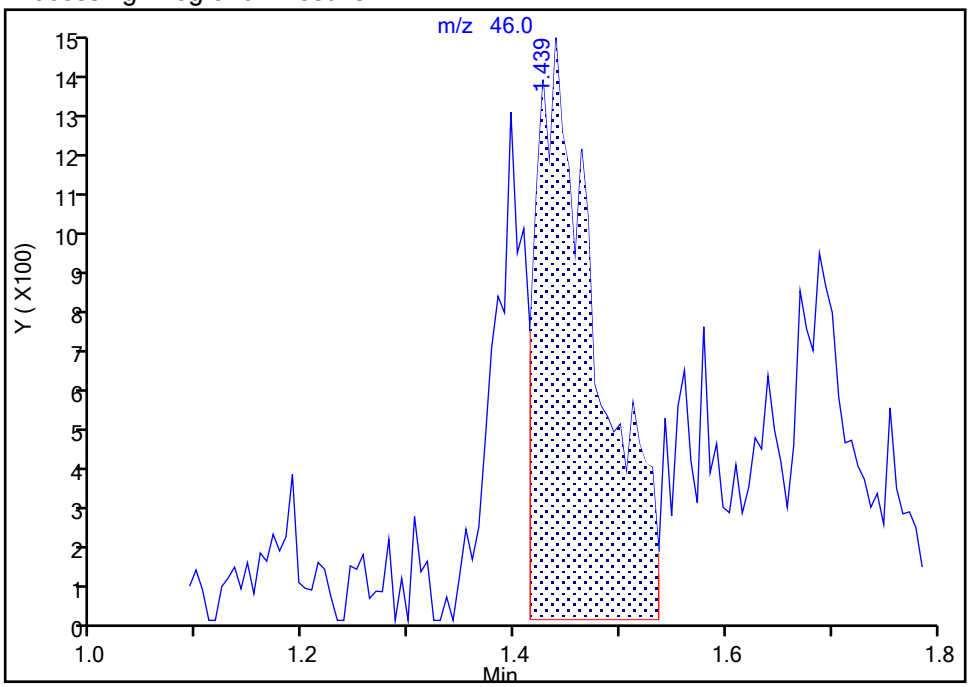
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

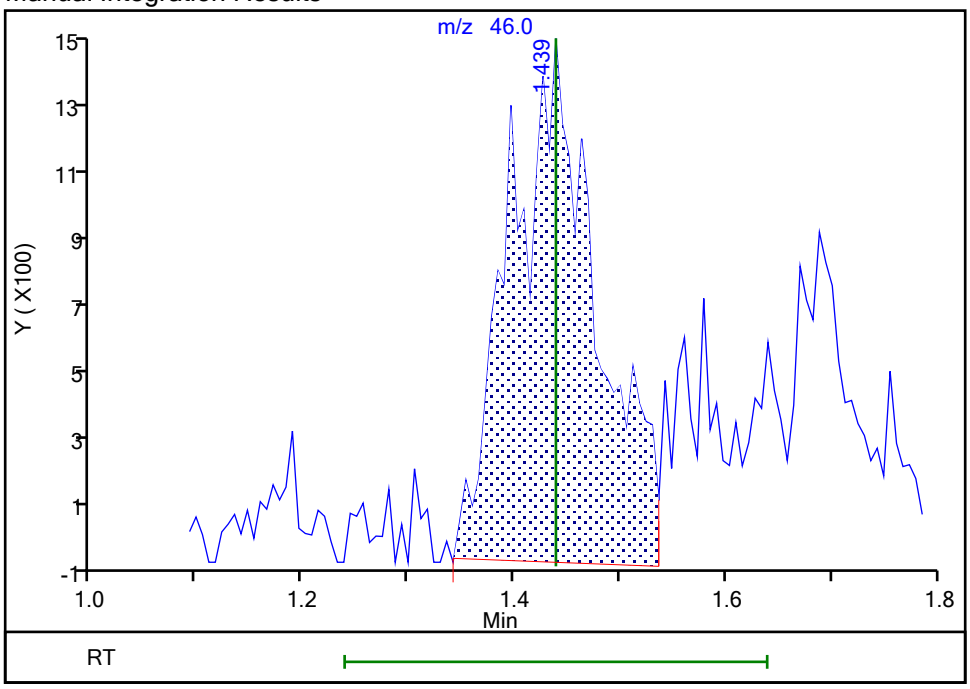
Processing Integration Results

RT: 1.44
Area: 5642
Amount: 699.5647
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 7960
Amount: 721.4623
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:09:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

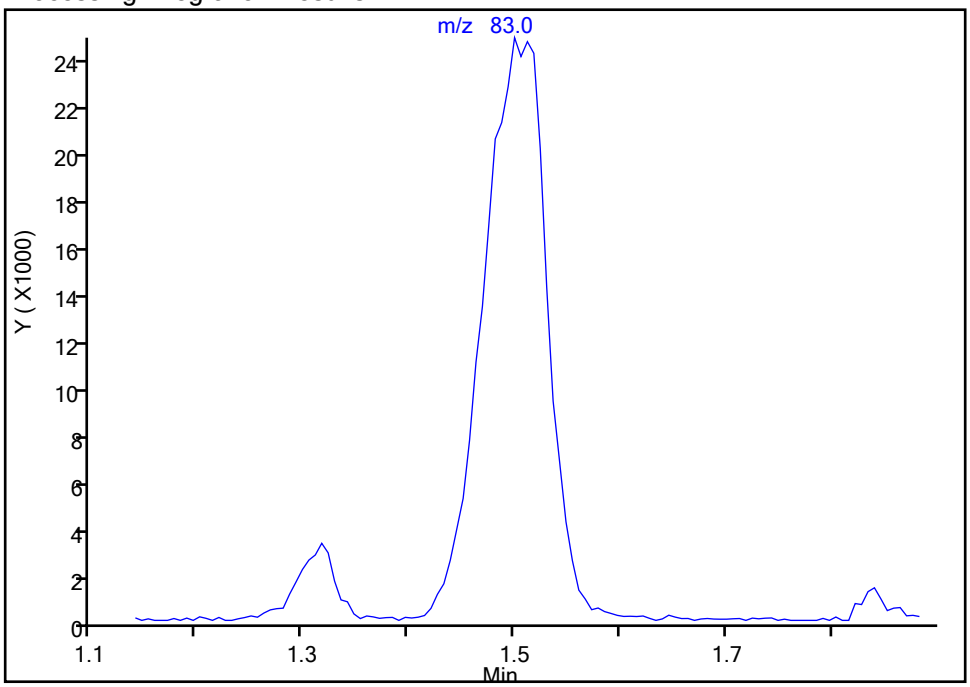
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

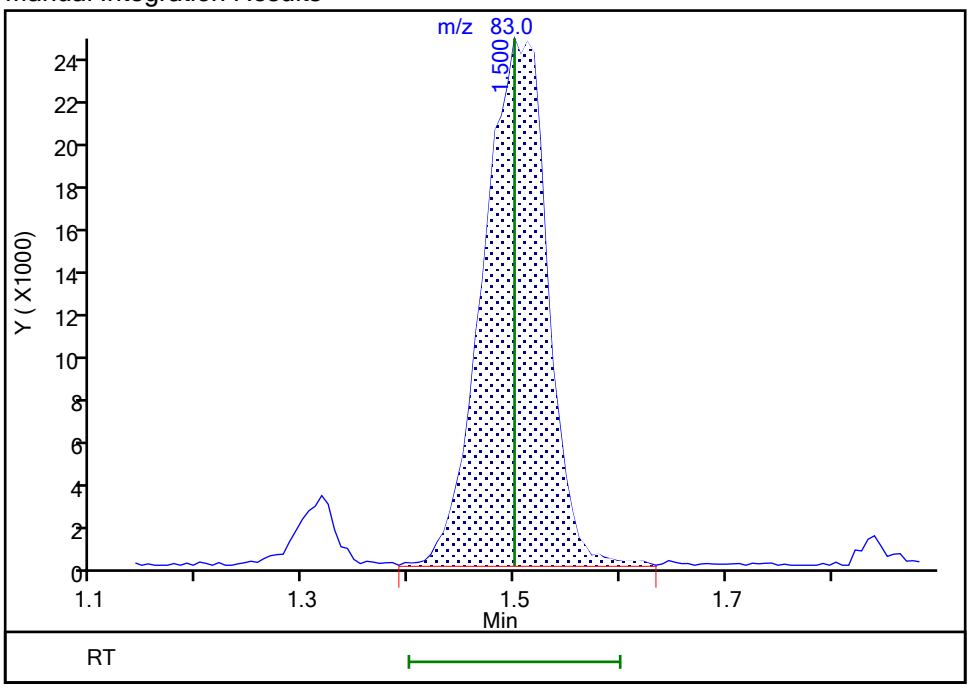
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.50
Area: 105287
Amount: 21.614629
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:09:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

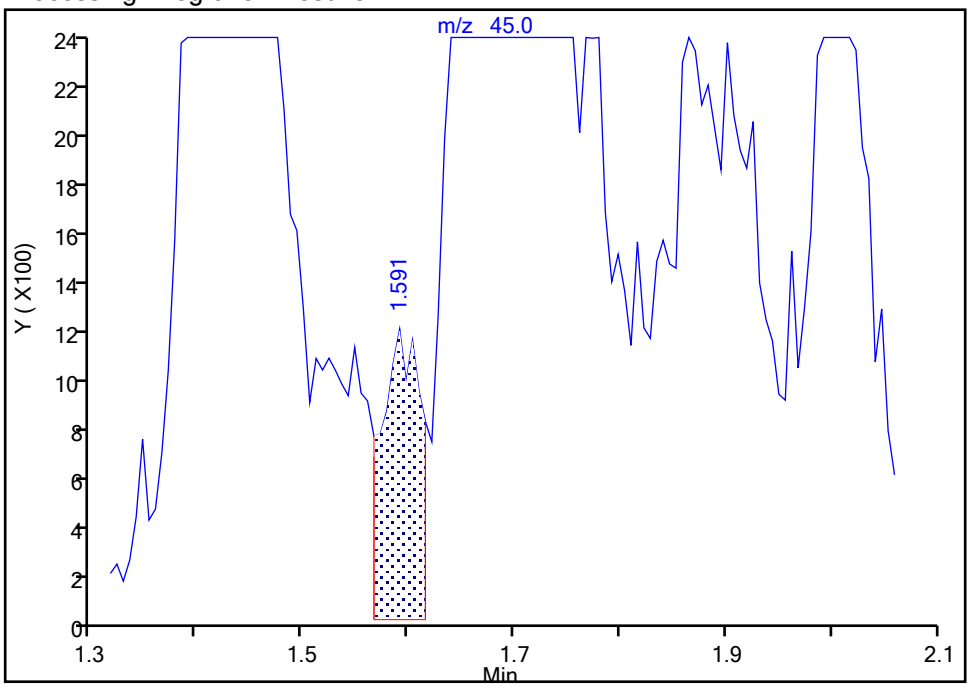
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

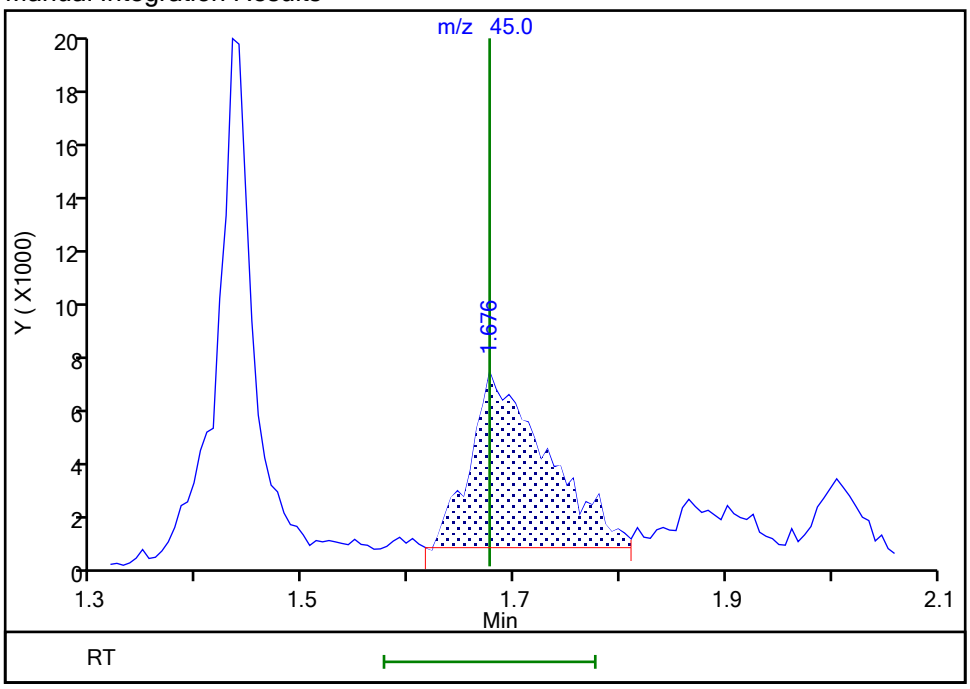
Processing Integration Results

RT: 1.59
Area: 3007
Amount: 40.572020
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 31572
Amount: 207.5588
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:10:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

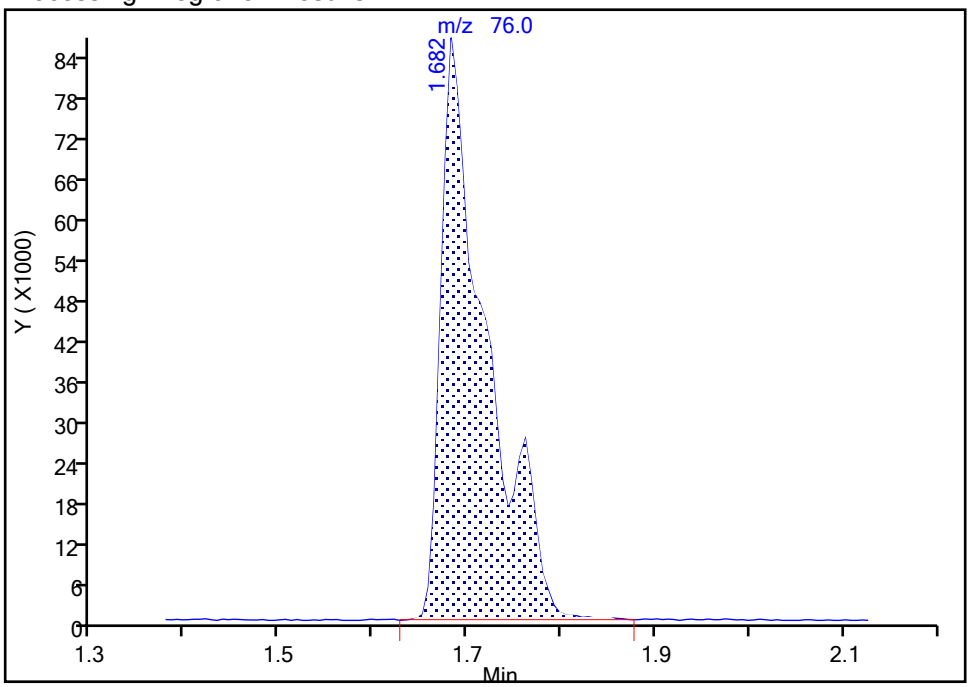
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

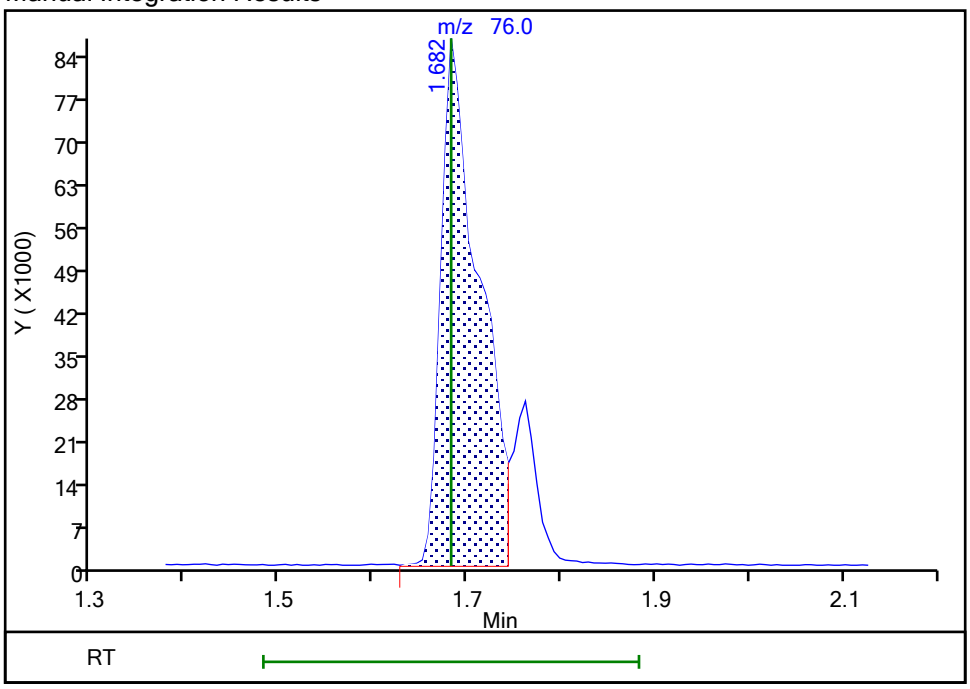
Processing Integration Results

RT: 1.68
Area: 292079
Amount: 22.173643
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 246271
Amount: 20.630152
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:12:36 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

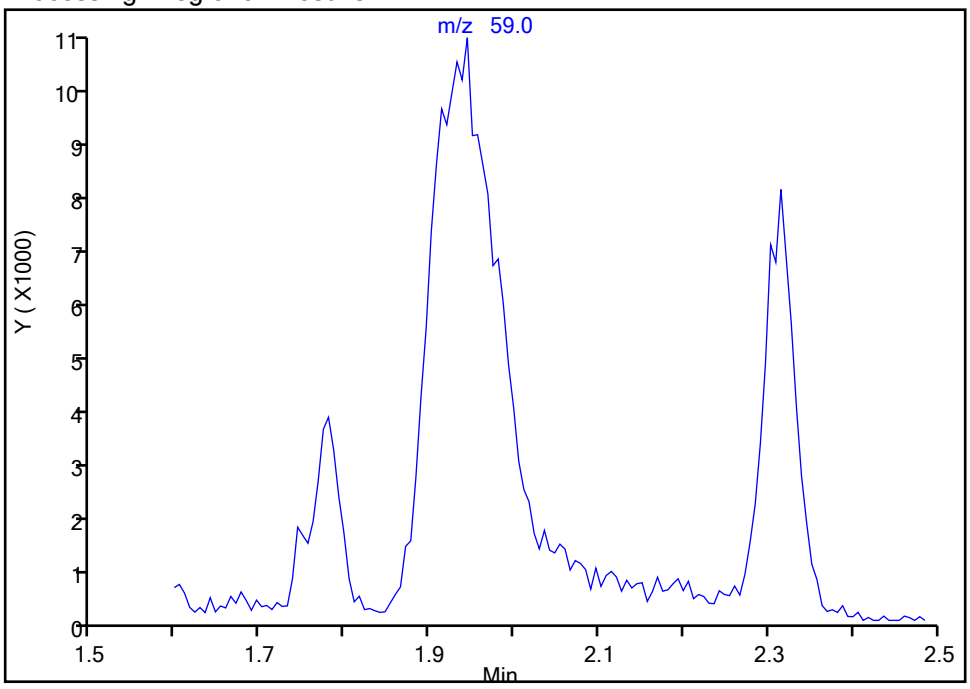
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

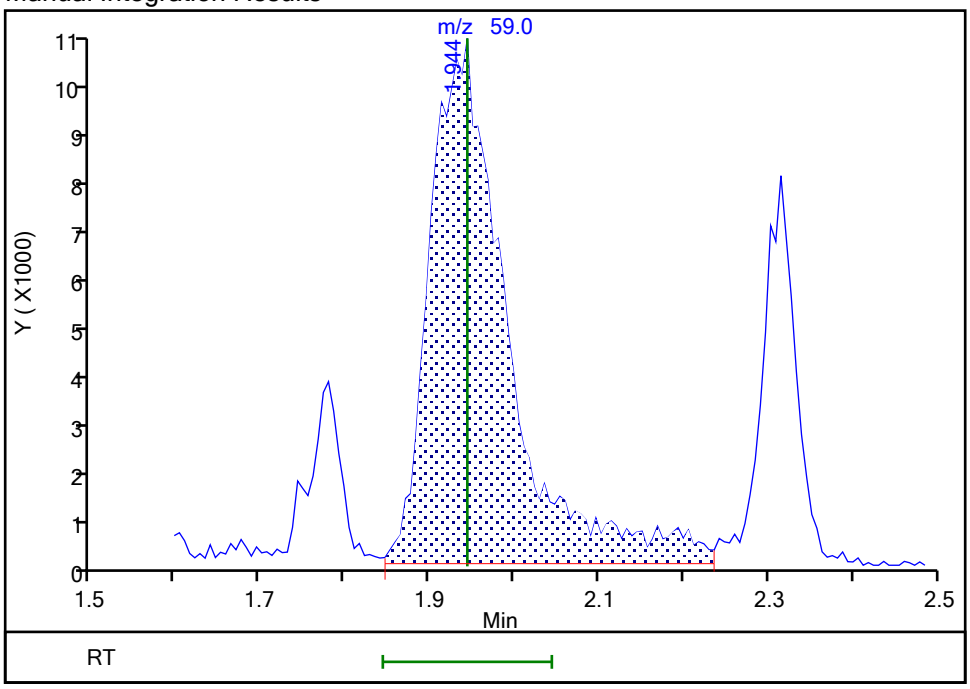
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.94
Area: 69923
Amount: 189.9802
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:10:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

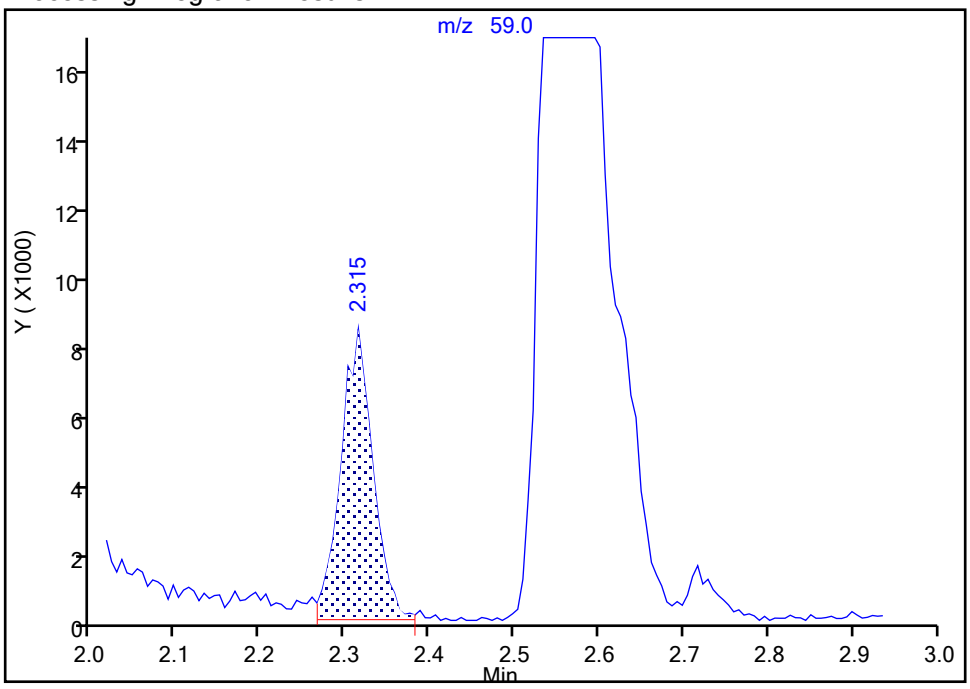
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

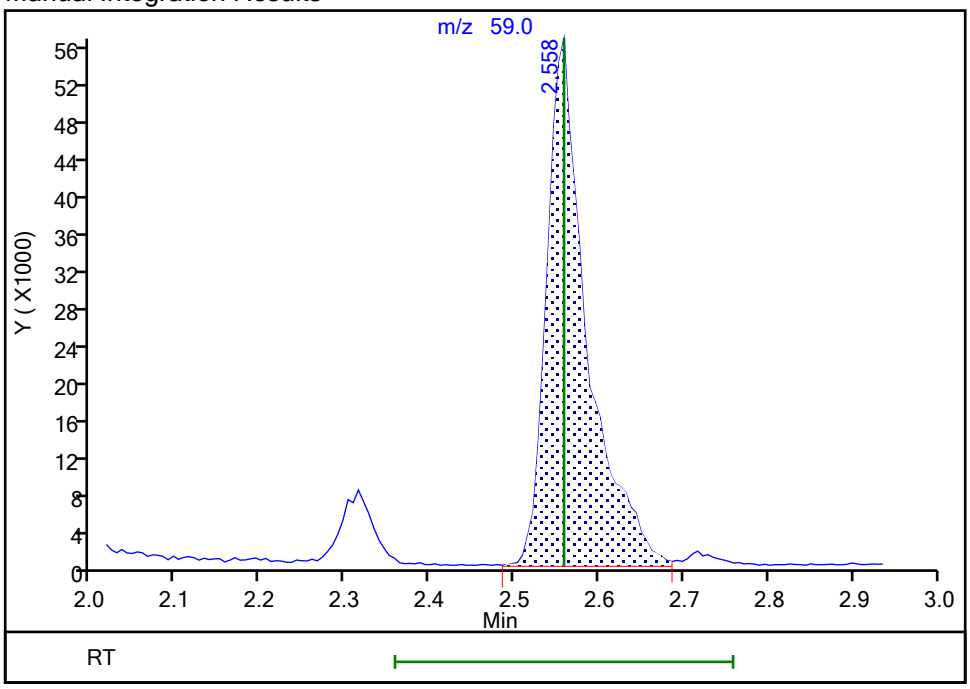
Processing Integration Results

RT: 2.32
Area: 21445
Amount: 4.331554
Amount Units: ug/l



Manual Integration Results

RT: 2.56
Area: 187075
Amount: 23.597634
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:10:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

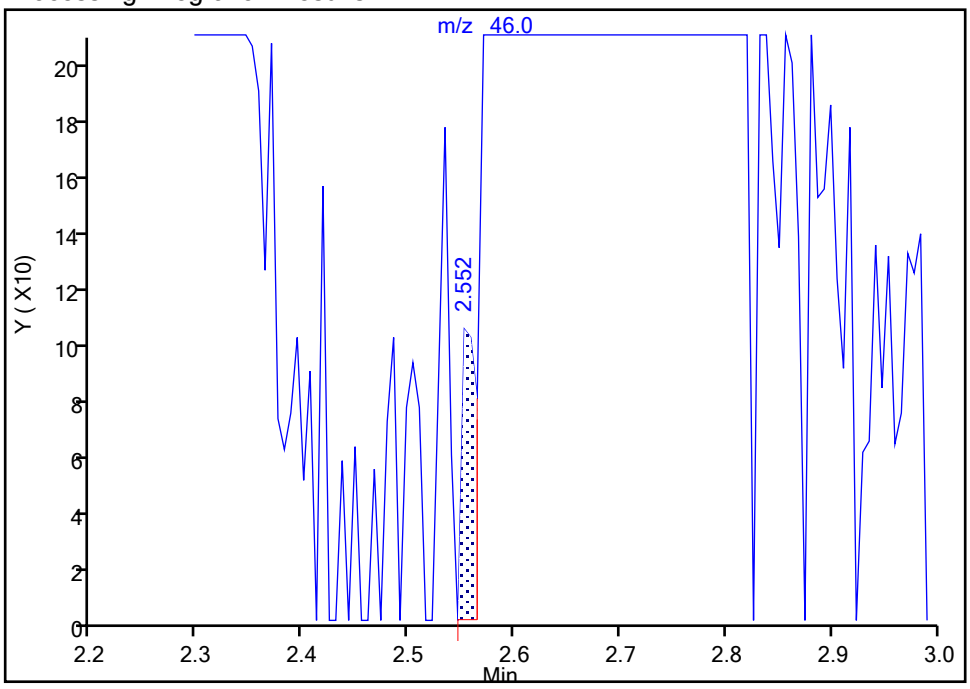
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

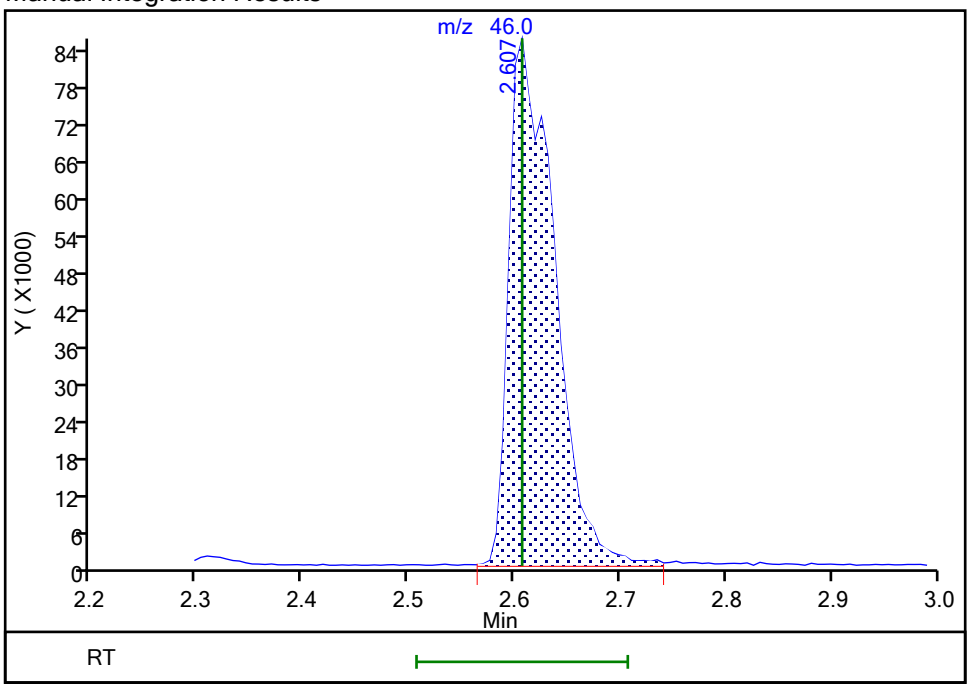
Processing Integration Results

RT: 2.55
Area: 104
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 255013
Amount: 250.0000
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:13:57 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

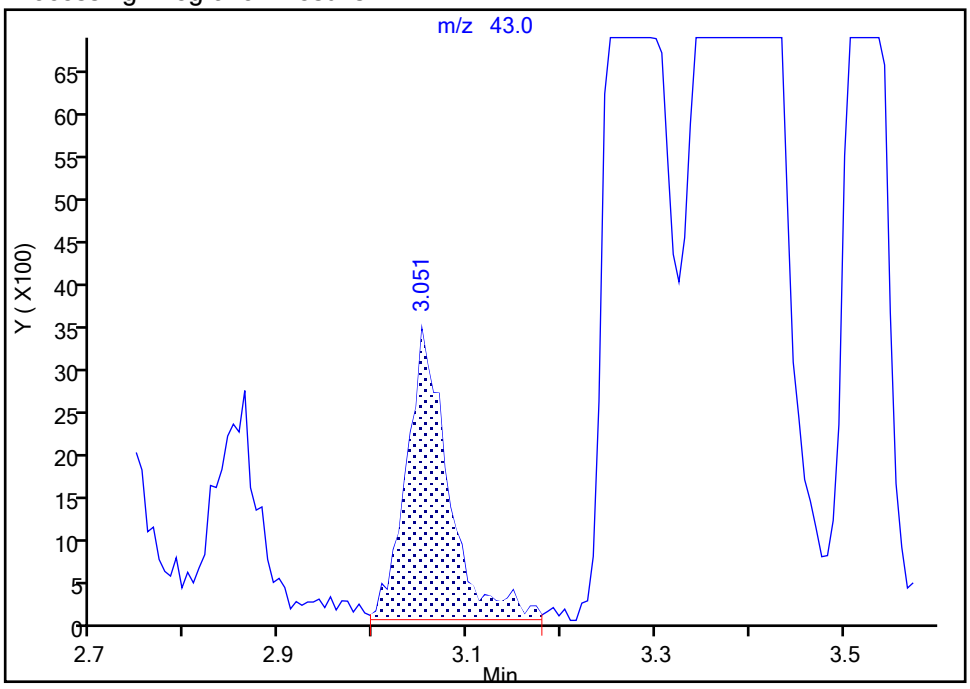
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

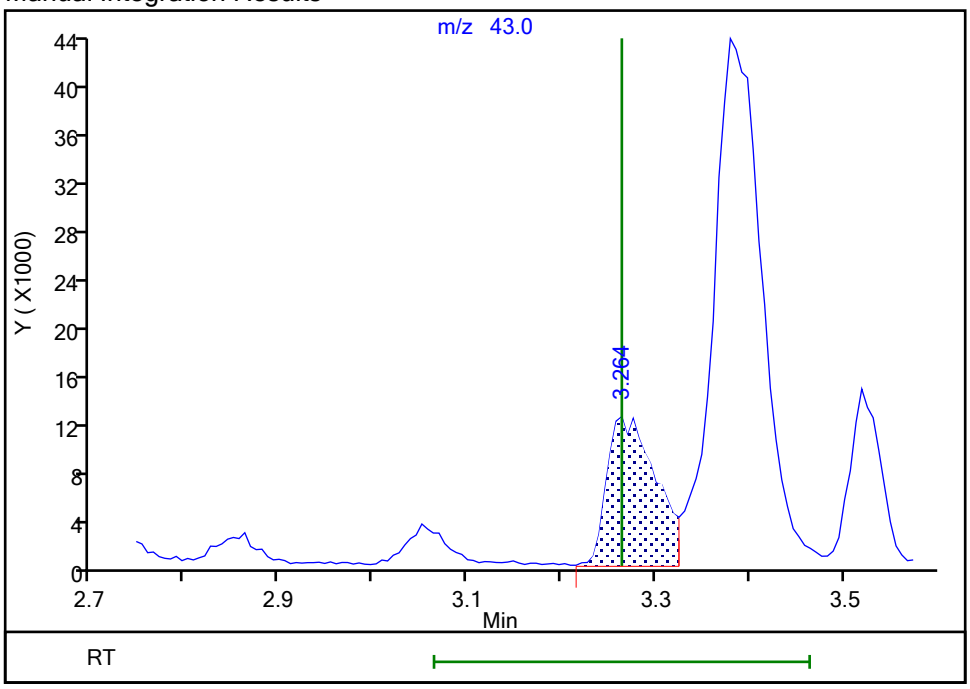
Processing Integration Results

RT: 3.05
Area: 10682
Amount: 135.5793
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 44464
Amount: 463.8148
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:16:06 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

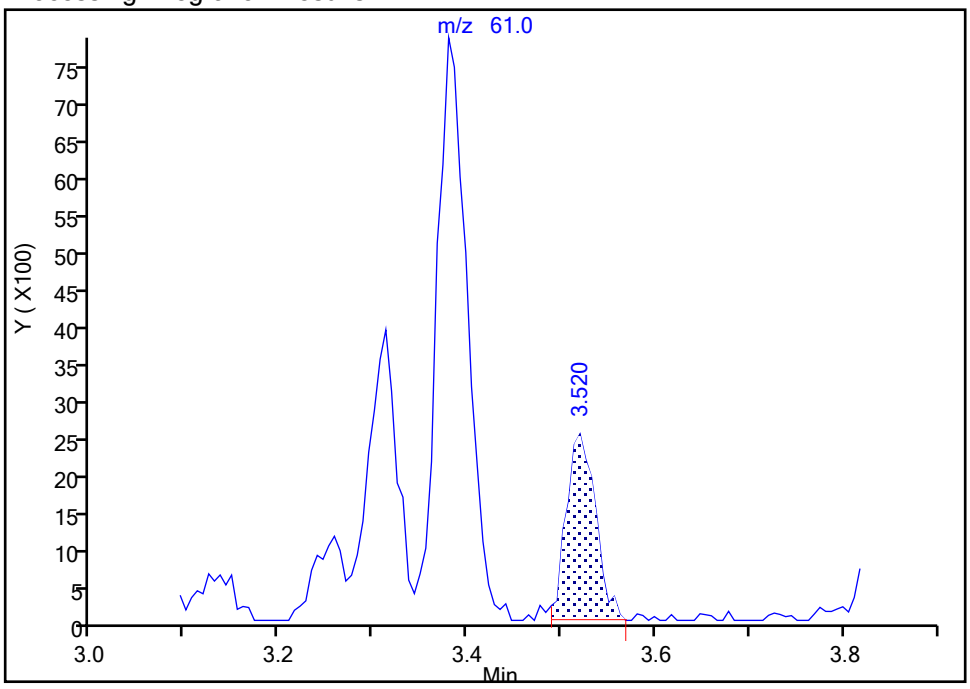
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

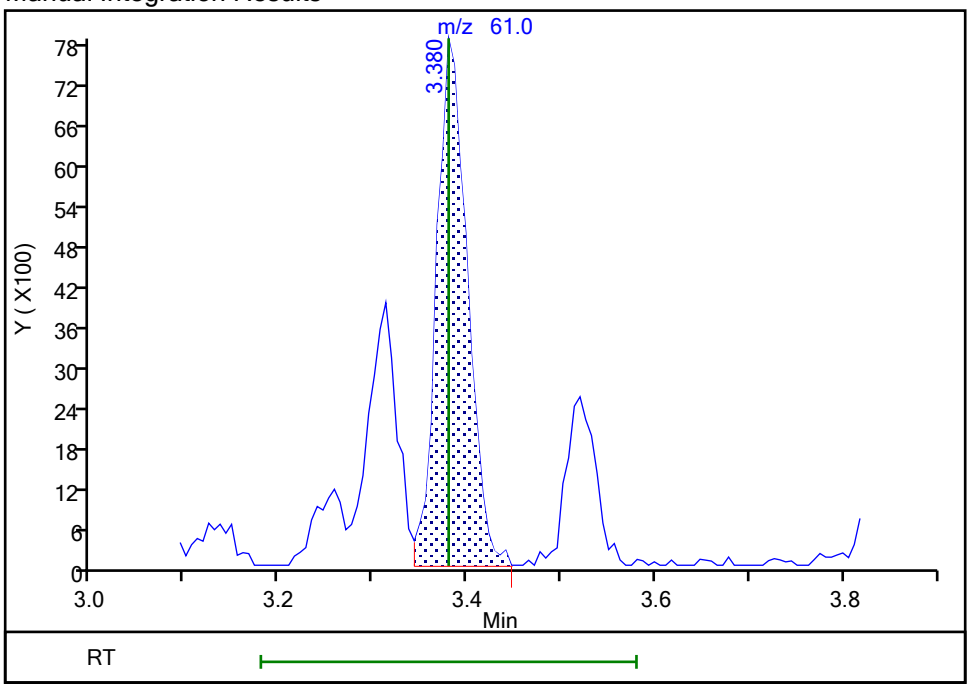
Processing Integration Results

RT: 3.52
Area: 5432
Amount: 5.906720
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 17838
Amount: 18.950830
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:12:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

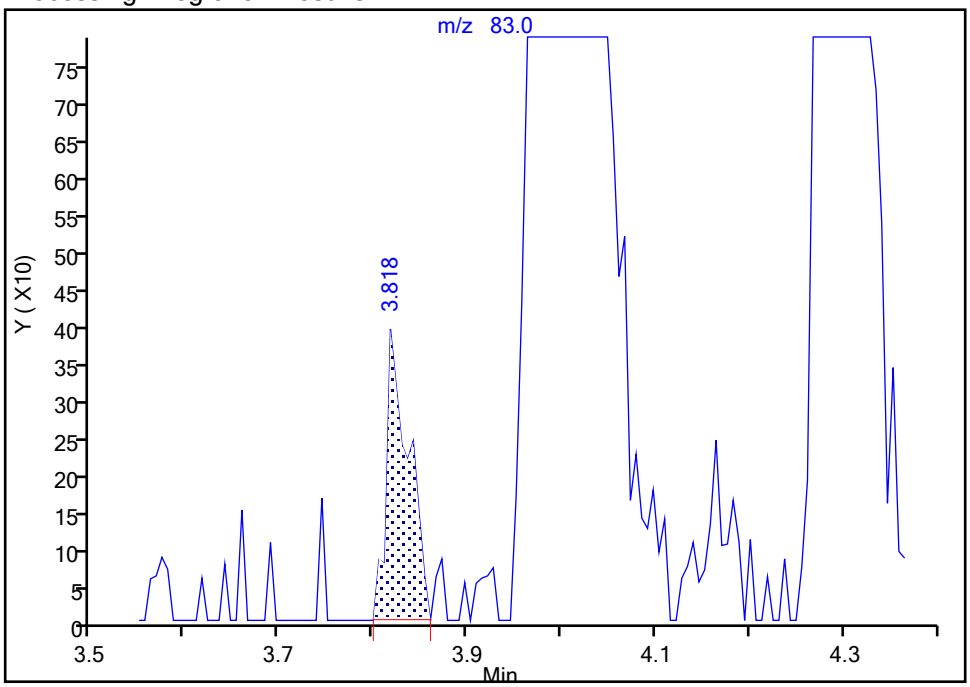
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

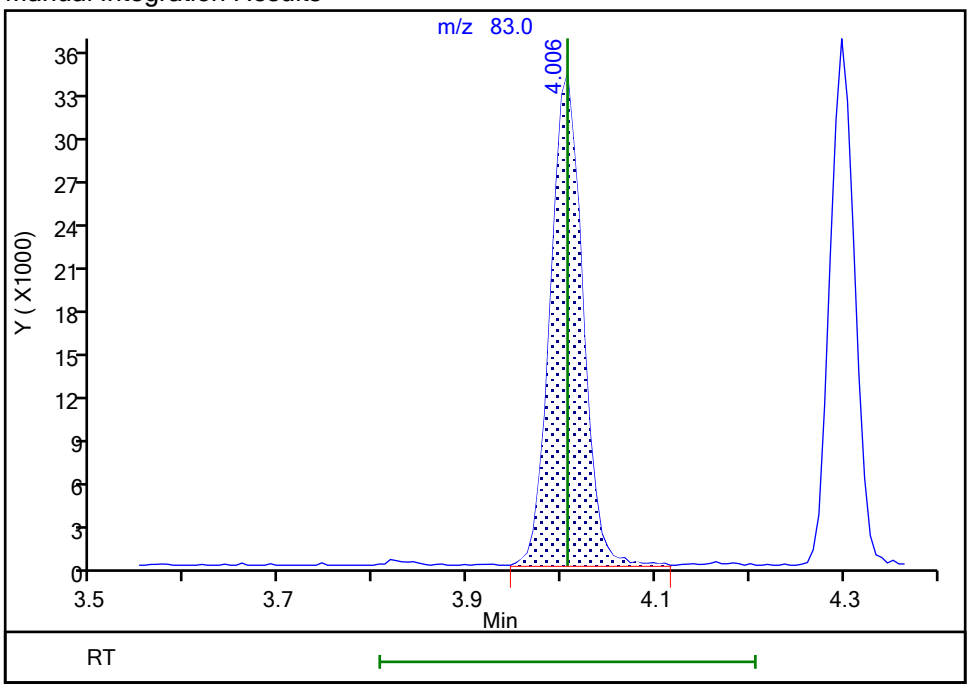
Processing Integration Results

RT: 3.82
Area: 646
Amount: 0.242036
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 80162
Amount: 19.315139
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:12:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

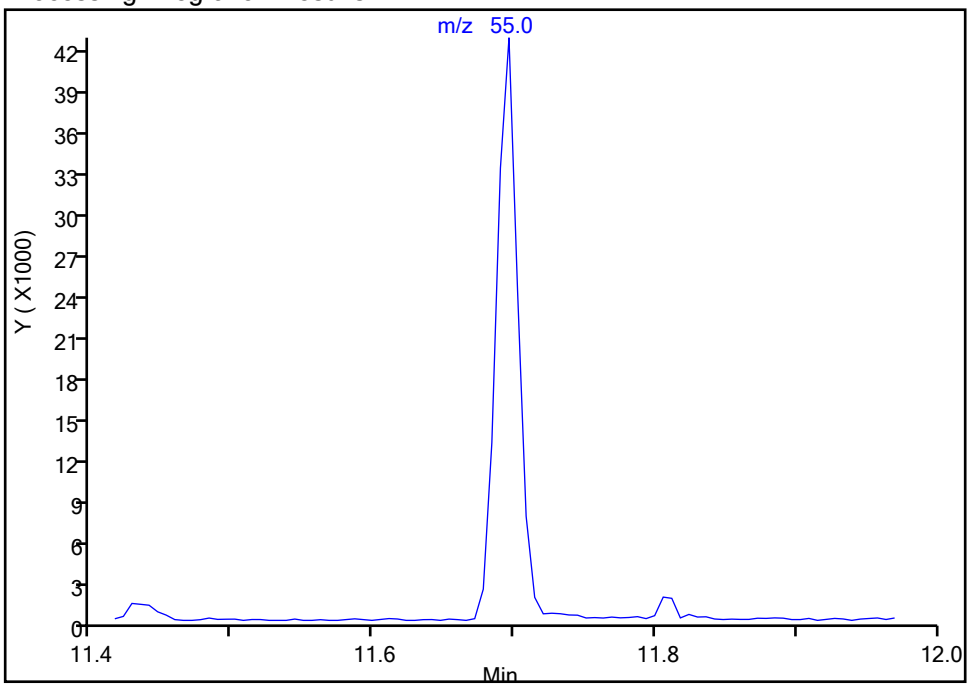
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72807.D
Injection Date: 31-Oct-2023 04:48:30 Instrument ID: CVOAMS11
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

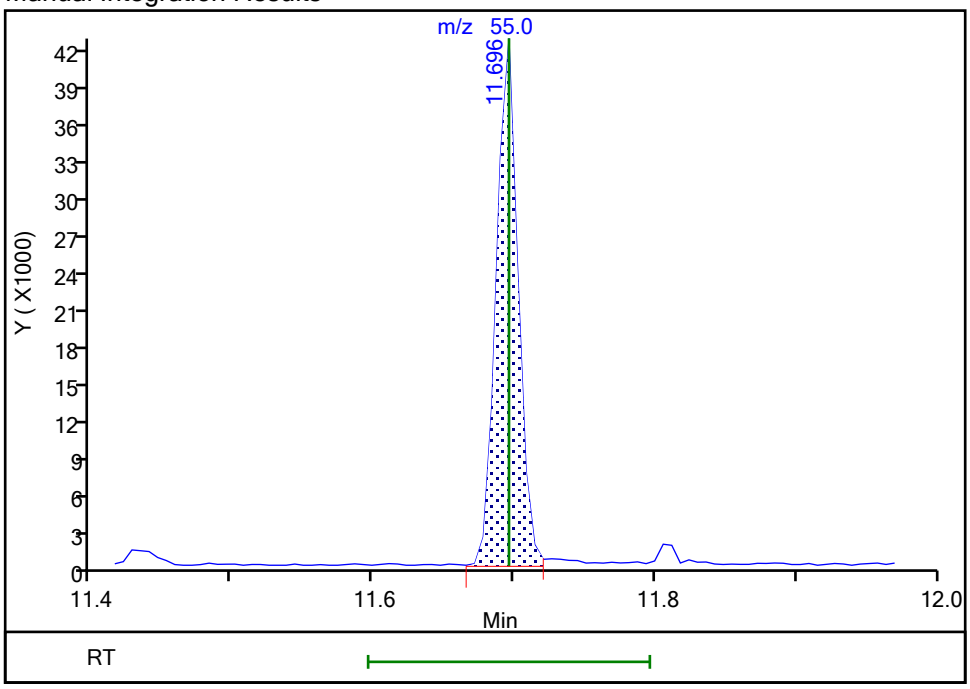
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 45140
Amount: 15.093033
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 05:13:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 31-Oct-2023 05:11:30 ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0168175-007
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:50:38 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 06:07:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.825	0.825	0.000	91	62455	50.0	73.6	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	96	350139	50.0	55.1	
5 Dichlorodifluoromethane	85	0.849	0.855	-0.006	77	204288	50.0	46.0	
7 Chloromethane	52	0.952	0.958	-0.006	98	95337	50.0	73.8	
8 Vinyl chloride	62	1.001	1.007	-0.006	98	212025	50.0	52.6	
9 Butadiene	54	1.007	1.013	-0.006	90	172105	50.0	48.8	
10 Bromomethane	94	1.171	1.178	-0.007	99	171629	50.0	47.6	
11 Chloroethane	64	1.184	1.190	-0.006	100	110458	50.0	45.1	
12 Dichlorofluoromethane	67	1.311	1.317	-0.006	99	373698	50.0	52.3	
14 Pentane	72	1.317	1.324	-0.007	95	41347	100.0	92.2	
13 Trichlorofluoromethane	101	1.342	1.342	0.000	98	253988	50.0	48.7	
16 Ethyl ether	74	1.433	1.433	0.000	95	85035	50.0	52.5	
15 Ethanol	46	1.439	1.439	0.000	62	21629	2000.0	2229.4	M
17 2-Methyl-1,3-butadiene	53	1.445	1.451	-0.006	94	111596	50.0	48.7	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.476	1.470	0.006	95	152941	50.0	50.2	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.500	0.006	91	244679	50.0	51.4	a
20 Acrolein	56	1.506	1.518	-0.012	70	48642	100.0	113.5	
22 1,1-Dichloroethene	96	1.561	1.561	0.000	97	148952	50.0	48.6	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	89	148970	50.0	44.3	
23 Acetone	58	1.591	1.597	-0.006	88	71505	250.0	228.1	
24 Iodomethane	142	1.646	1.652	-0.006	97	310987	50.0	50.7	
25 Isopropyl alcohol	45	1.676	1.676	0.000	28	82016	500.0	613.2	a
26 Carbon disulfide	76	1.682	1.682	0.000	98	568826	50.0	48.7	M
30 Acetonitrile	39	1.755	1.762	-0.007	76	143736	500.0	508.0	a
27 3-Chloro-1-propene	76	1.755	1.762	-0.007	92	114657	50.0	47.0	a
28 Methyl acetate	74	1.774	1.774	0.000	98	63960	100.0	118.3	
29 Cyclopentene	67	1.804	1.804	0.000	94	274298	50.0	47.4	
32 Methylene Chloride	84	1.835	1.835	0.000	87	170504	50.0	48.3	
* 31 TBA-d9 (IS)	46	1.895	1.871	0.024	99	81103	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.920	1.944	-0.024	91	173883	500.0	537.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.981	1.987	-0.006	95	556478	500.0	521.3	
35 trans-1,2-Dichloroethene	96	1.993	1.993	0.000	93	155420	50.0	51.2	
34 Methyl tert-butyl ether	73	2.005	1.999	0.006	96	453634	50.0	53.1	
37 Hexane	56	2.157	2.157	0.000	92	61057	50.0	42.7	
39 1,1-Dichloroethane	63	2.254	2.254	0.000	99	267442	50.0	52.1	
40 Vinyl acetate	86	2.297	2.297	0.000	100	42305	100.0	83.6	
38 Isopropyl ether	45	2.309	2.309	0.000	83	414577	50.0	53.2	
41 2-Chloro-1,3-butadiene	88	2.315	2.315	0.000	83	131057	50.0	51.5	
42 Tert-butyl ethyl ether	59	2.552	2.558	-0.006	90	428081	50.0	55.2	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	97	252769	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	99	166785	50.0	49.8	
46 2-Butanone (MEK)	72	2.650	2.650	0.000	98	80893	250.0	241.5	
44 2,2-Dichloropropane	79	2.656	2.656	0.000	74	73852	50.0	49.6	
47 Ethyl acetate	70	2.692	2.698	-0.006	99	24846	100.0	96.4	
48 Methyl acrylate	55	2.717	2.717	0.000	98	149553	50.0	53.3	
49 Propionitrile	54	2.711	2.717	-0.006	81	199975	500.0	515.7	
52 Methacrylonitrile	67	2.814	2.814	0.000	88	557903	500.0	522.3	
51 Chlorobromomethane	128	2.820	2.820	0.000	56	85632	50.0	49.4	
50 Tetrahydrofuran	72	2.857	2.857	0.000	77	36128	100.0	100.1	
53 Chloroform	83	2.881	2.881	0.000	100	244313	50.0	49.8	
$ 56 Dibromofluoromethane (Surr)	113	3.003	3.003	0.000	97	137011	50.0	48.8	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	98	220555	50.0	47.6	
54 Cyclohexane	84	3.051	3.057	-0.006	88	184728	50.0	44.7	
58 1,1-Dichloropropene	75	3.130	3.136	-0.006	98	164547	50.0	47.4	
57 Carbon tetrachloride	117	3.136	3.136	0.000	97	182786	50.0	46.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	135729	50.0	49.5	
59 Isobutyl alcohol	43	3.270	3.264	0.006	97	113460	1250.0	1345.9	a
61 Benzene	78	3.295	3.295	0.000	95	518314	50.0	49.2	
65 1,2-Dichloroethane	62	3.313	3.313	0.000	97	162053	50.0	48.5	
60 Isooctane	57	3.368	3.368	0.000	94	224808	50.0	41.7	
64 Isopropyl acetate	61	3.380	3.380	0.000	97	45852	50.0	49.8	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	95	459395	50.0	55.5	
* 67 Fluorobenzene	96	3.526	3.520	0.006	98	446760	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	46	70604	50.0	37.8	
68 n-Butanol	56	3.830	3.830	0.000	86	68739	1250.0	1240.2	
69 Trichloroethene	95	3.836	3.830	0.006	98	125564	50.0	48.5	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	11309	50.0	58.2	
71 Methylcyclohexane	83	4.006	4.006	0.000	88	177059	50.0	43.6	a
72 1,2-Dichloropropane	63	4.037	4.037	0.000	93	125068	50.0	48.7	
* 73 1,4-Dioxane-d8	96	4.128	4.134	-0.006	40	29259	1000.0	1000.0	
76 Dibromomethane	93	4.140	4.140	0.000	98	83216	50.0	47.7	
75 1,4-Dioxane	88	4.171	4.177	-0.006	32	32892	1000.0	985.9	
74 Methyl methacrylate	100	4.177	4.177	0.000	83	64932	100.0	102.8	
77 n-Propyl acetate	43	4.244	4.244	0.000	96	125857	50.0	47.6	
78 Dichlorobromomethane	83	4.298	4.298	0.000	99	157561	50.0	48.7	
79 2-Nitropropane	41	4.530	4.530	0.000	98	44385	100.0	90.1	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	94	56434	50.1	48.5	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	227323	1000.0	1047.0	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	179687	50.0	48.8	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	94	538481	250.0	258.4	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	442646	50.0	50.0	
85 Toluene	91	5.065	5.071	-0.006	93	490862	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.333	5.333	0.000	95	159530	50.0	49.4	
87 Ethyl methacrylate	69	5.472	5.473	0.000	88	134157	50.0	51.4	
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	96	91985	50.0	48.1	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	120015	50.0	49.3	
90 1,3-Dichloropropane	76	5.698	5.698	0.000	90	178756	50.0	49.6	
91 2-Hexanone	58	5.838	5.838	0.000	94	203722	250.0	267.5	
93 Chlorodibromomethane	129	5.941	5.941	0.000	97	118185	50.0	49.0	
92 n-Butyl acetate	43	6.020	6.020	0.000	98	129604	50.0	48.9	
94 Ethylene Dibromide	107	6.044	6.038	0.006	98	120772	50.0	51.6	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	83	346355	50.0	50.0	
96 Chlorobenzene	112	6.634	6.634	0.000	96	320235	50.0	48.9	
98 1,1,1,2-Tetrachloroethane	131	6.756	6.756	0.000	96	141649	50.0	49.4	
97 Ethylbenzene	106	6.793	6.793	0.000	98	171281	50.0	52.1	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	207568	50.0	52.6	
100 o-Xylene	106	7.431	7.431	0.000	94	226594	50.0	54.8	
102 Styrene	104	7.450	7.450	0.000	96	353420	50.0	57.1	
101 n-Butyl acrylate	73	7.492	7.492	0.000	97	75947	50.0	51.0	
104 Bromoform	173	7.644	7.650	-0.006	96	82454	50.0	49.5	
103 Amyl acetate (mixed isomers)	43	7.809	7.809	0.000	92	158671	50.0	51.3	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	593809	50.0	56.6	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	131019	50.0	52.7	
107 Bromobenzene	156	8.247	8.247	0.000	97	146935	50.0	51.9	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	98	172423	50.0	51.5	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	46932	50.0	51.1	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.423	0.000	94	40463	50.0	53.4	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	683089	50.0	55.5	
112 2-Chlorotoluene	91	8.526	8.526	0.000	97	403106	50.0	53.8	
113 4-Ethyltoluene	105	8.624	8.618	0.006	99	527104	50.0	55.2	
115 4-Chlorotoluene	91	8.679	8.679	0.000	97	443598	50.0	56.3	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	92	489315	50.0	55.1	
116 Butyl Methacrylate	87	8.934	8.940	-0.006	88	136484	50.0	47.7	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	382989	50.0	54.0	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	499220	50.0	55.8	
119 sec-Butylbenzene	105	9.402	9.403	0.000	99	571746	50.0	54.0	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	96	269953	50.0	51.6	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	94	194424	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	94	273919	50.0	50.1	
121 4-Isopropyltoluene	119	9.597	9.597	0.000	98	486924	50.0	52.6	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	532646	50.0	53.1	
125 Benzyl chloride	126	9.768	9.768	0.000	99	55487	50.0	48.5	
126 2,3-Dihydroindene	117	9.871	9.871	0.000	94	498724	50.0	54.0	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	266561	50.0	49.0	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	281356	50.0	54.6	
128 n-Butylbenzene	92	10.035	10.035	0.000	98	237199	50.0	53.1	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.747	-0.006	97	34667	50.0	46.4	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.753	-0.006	98	459005	50.0	46.9	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	98	196144	50.0	51.2	
133 1,2,4-Trichlorobenzene	180	11.434	11.440	-0.006	94	171232	50.0	51.9	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	91	48273	50.0	47.2	
135 Naphthalene	128	11.623	11.623	0.000	99	477489	50.0	56.9	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	92	137571	50.0	46.2	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	168370	50.0	54.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		100.0	101.0	
S 138 Xylenes, Total	100				0		100.0	107.4	
S 139 Total BTEX	1				0		250.0	256.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00178	Amount Added: 50.00	Units: uL		
524FREONS_00009	Amount Added: 50.00	Units: uL		
ACROLEIN W_00161	Amount Added: 10.00	Units: uL		
GASES Li_00554	Amount Added: 50.00	Units: uL		
EthyhexAcr_Li_00005	Amount Added: 50.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00241	Amount Added: 1.00	Units: uL	Run Reagent	

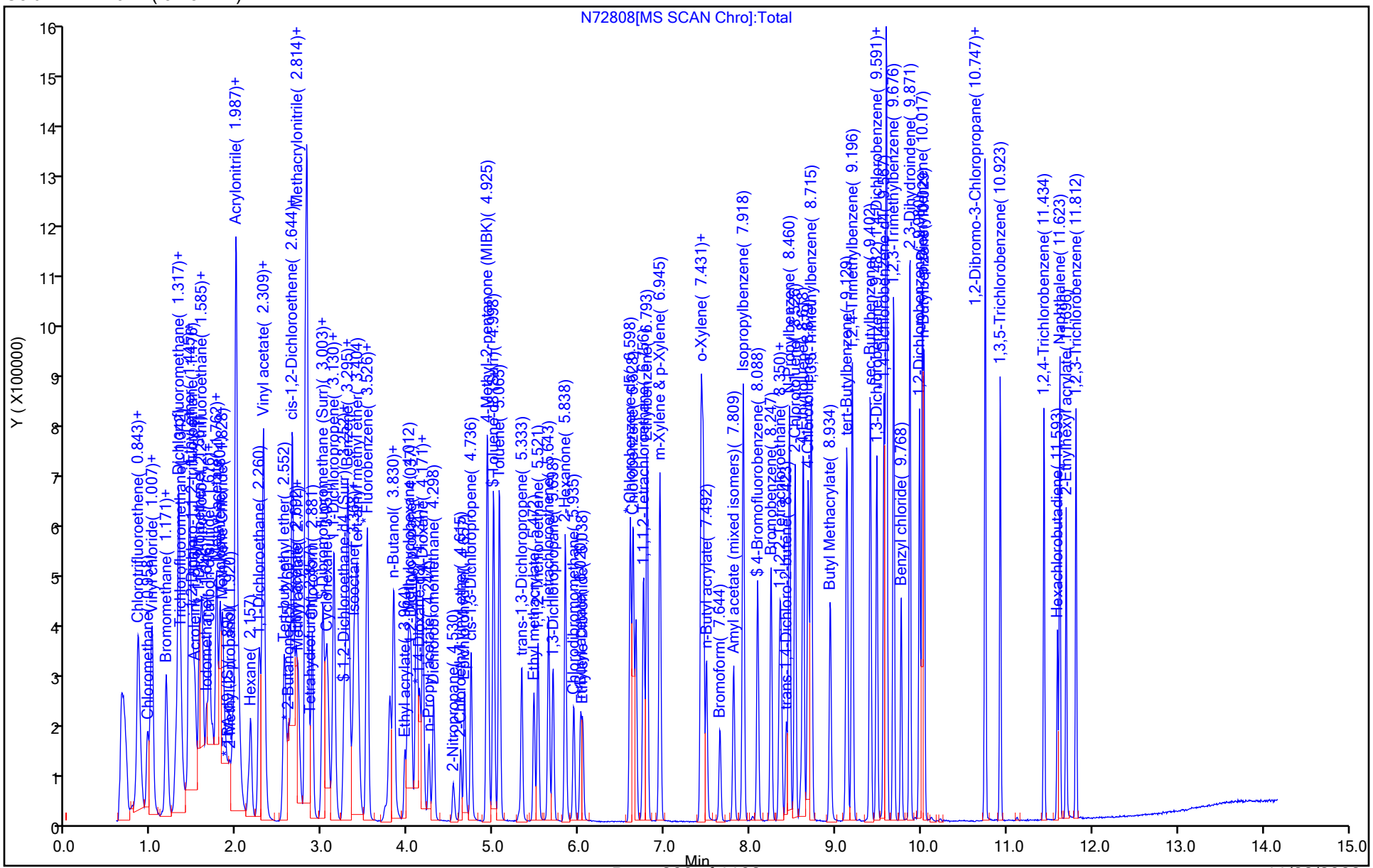
Report Date: 31-Oct-2023 20:50:39 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D

Injection Date:	31-Oct-2023 05:11:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

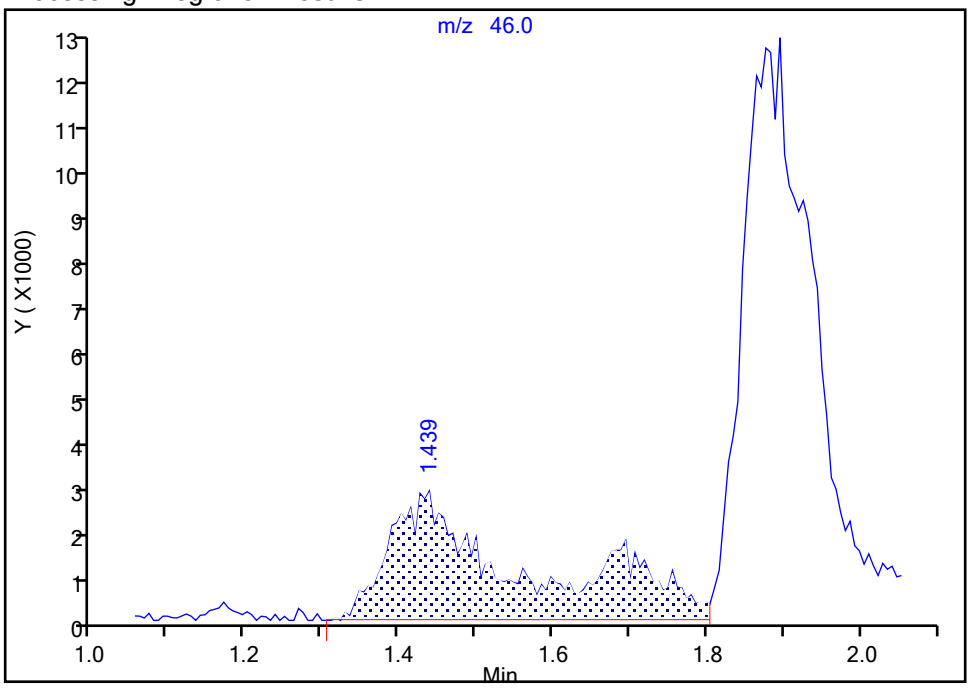
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

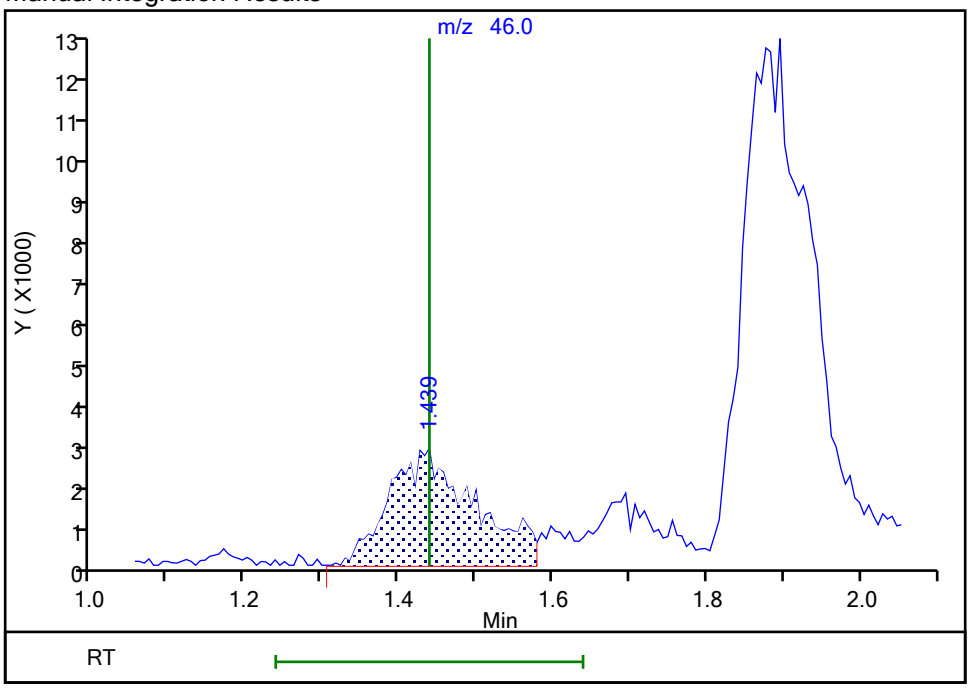
Processing Integration Results

RT: 1.44
Area: 33492
Amount: 3644.3535
Amount Units: ug/l



Manual Integration Results

RT: 1.44
Area: 21629
Amount: 2229.3677
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:11:03 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

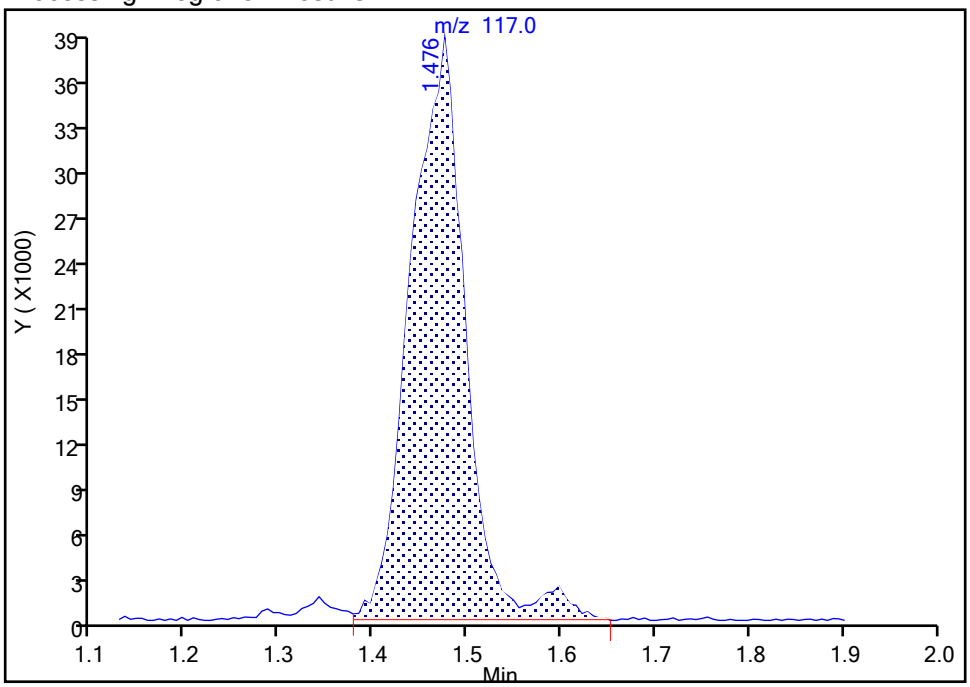
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

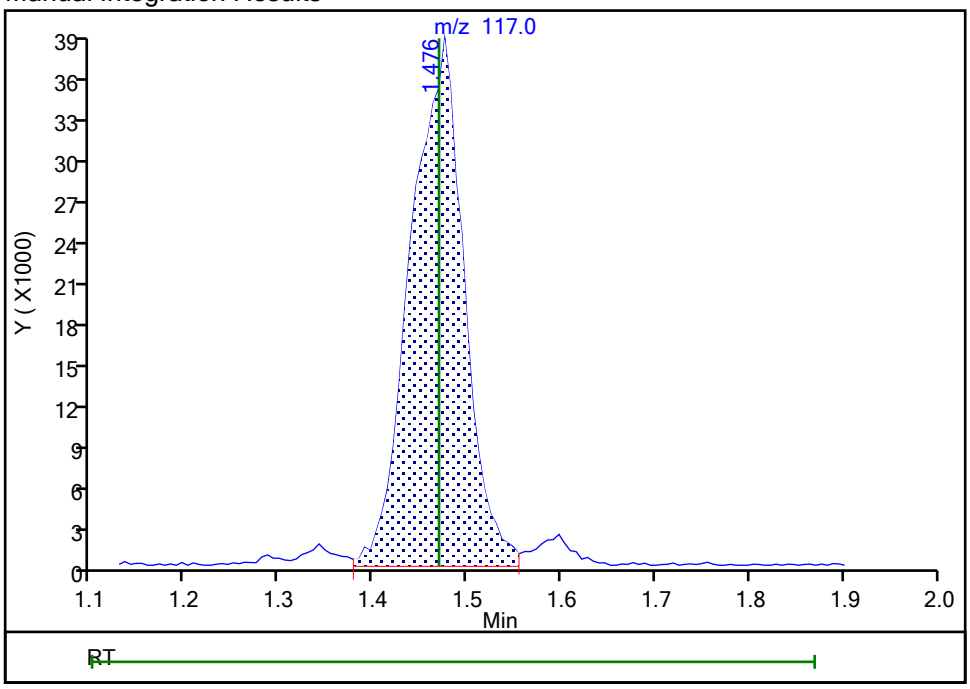
Processing Integration Results

RT: 1.48
Area: 158814
Amount: 14.780571
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 152941
Amount: 50.232908
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:11:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

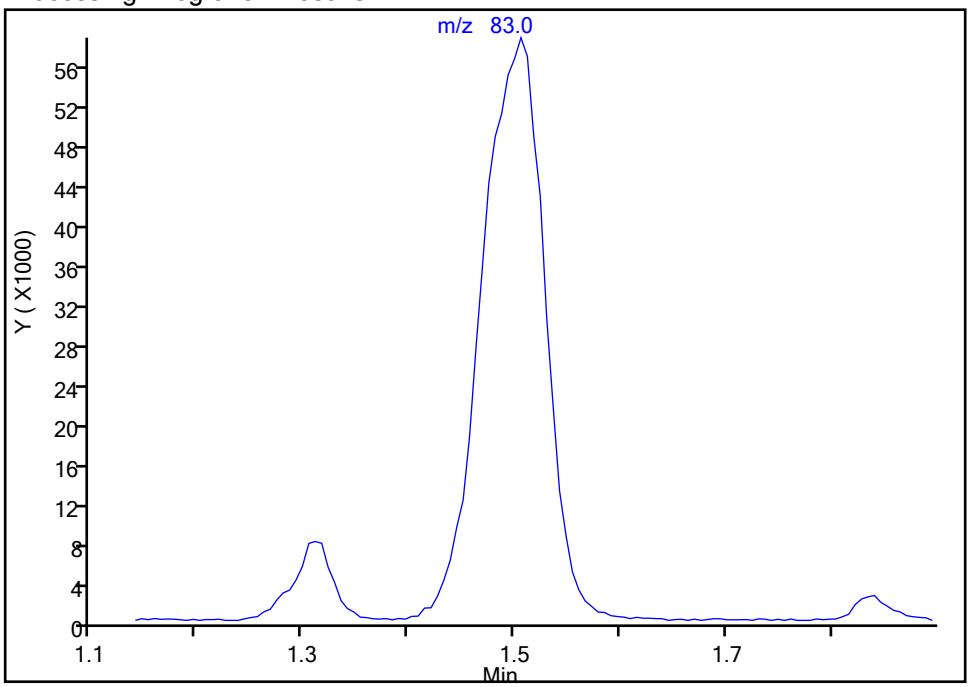
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

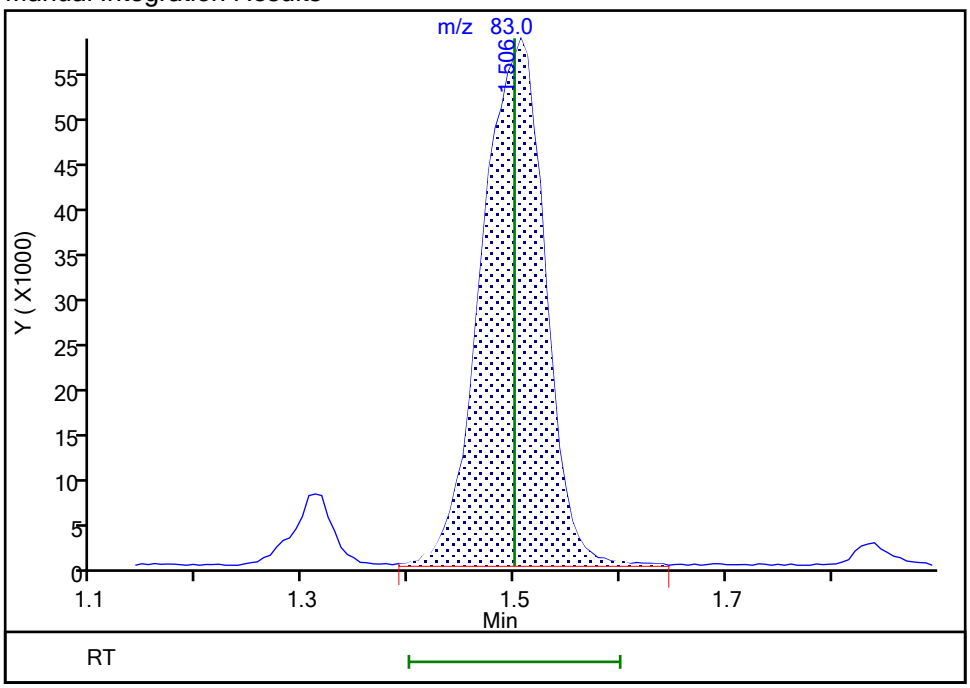
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 244679
Amount: 51.369934
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:09:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

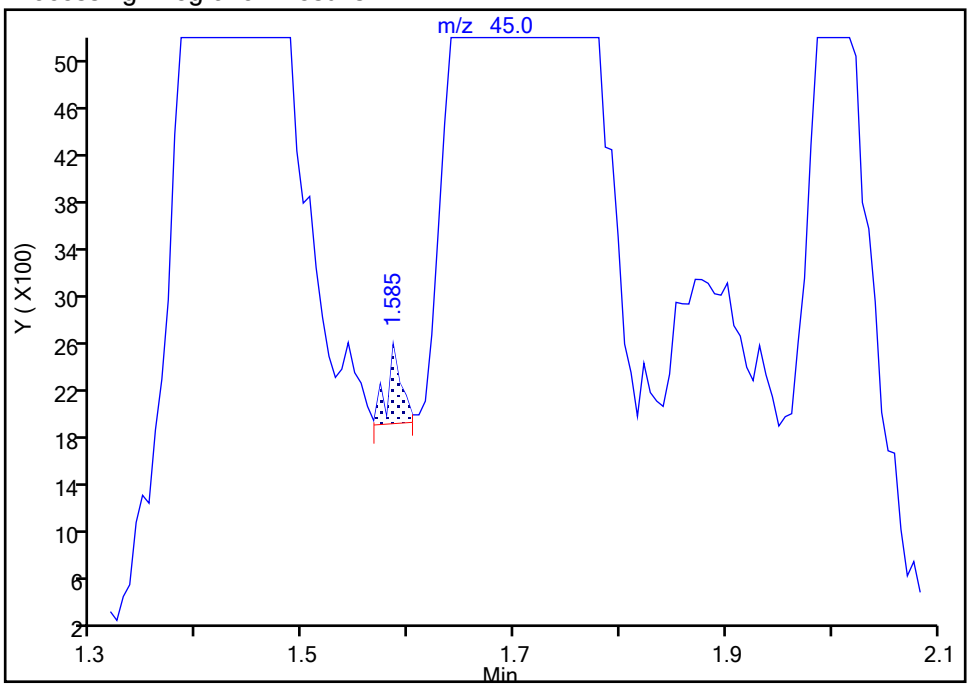
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

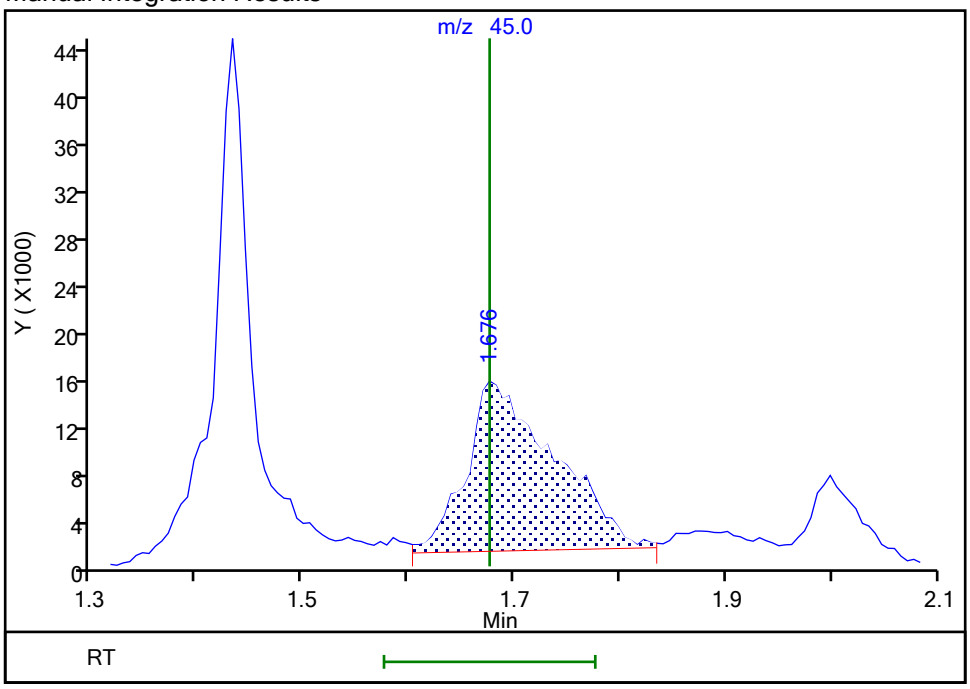
Processing Integration Results

RT: 1.59
Area: 610
Amount: 9.405435
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 82016
Amount: 613.1720
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:09:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

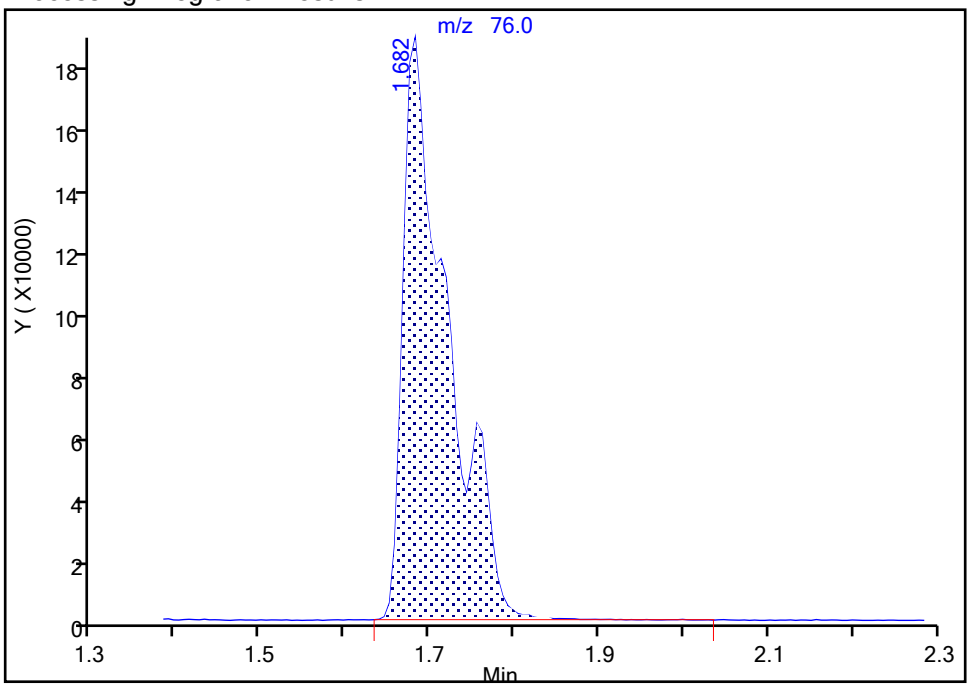
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

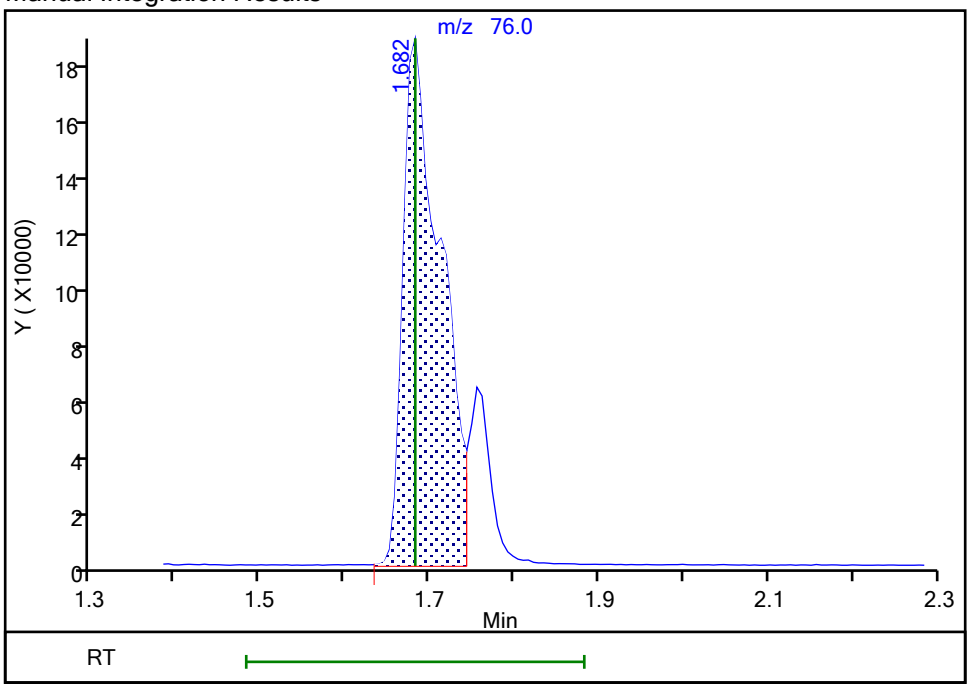
Processing Integration Results

RT: 1.68
Area: 671998
Amount: 50.815976
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 568826
Amount: 48.731284
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:11:23 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

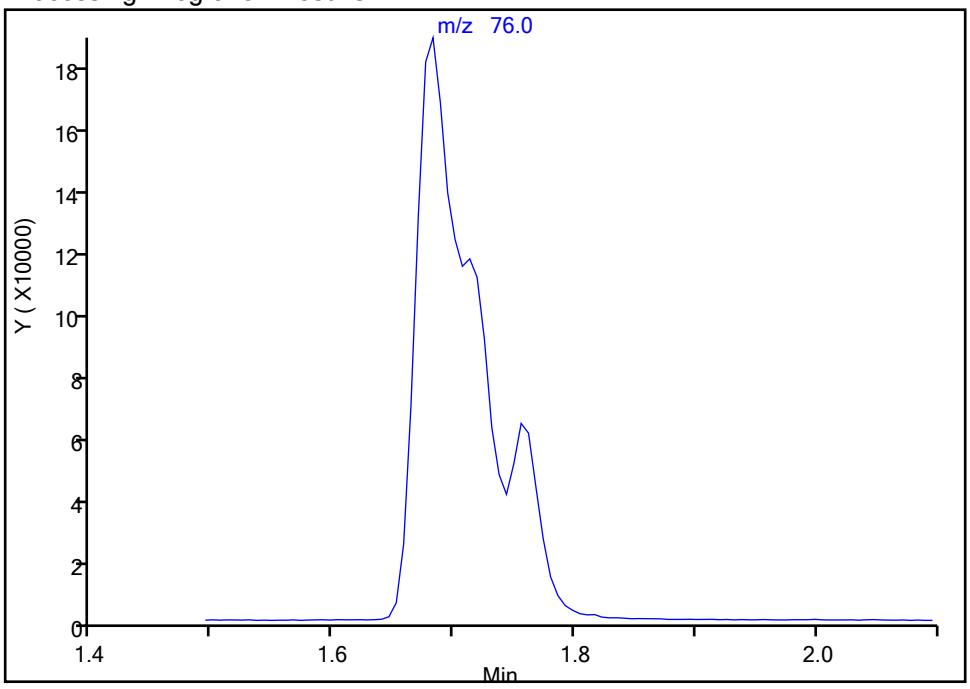
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

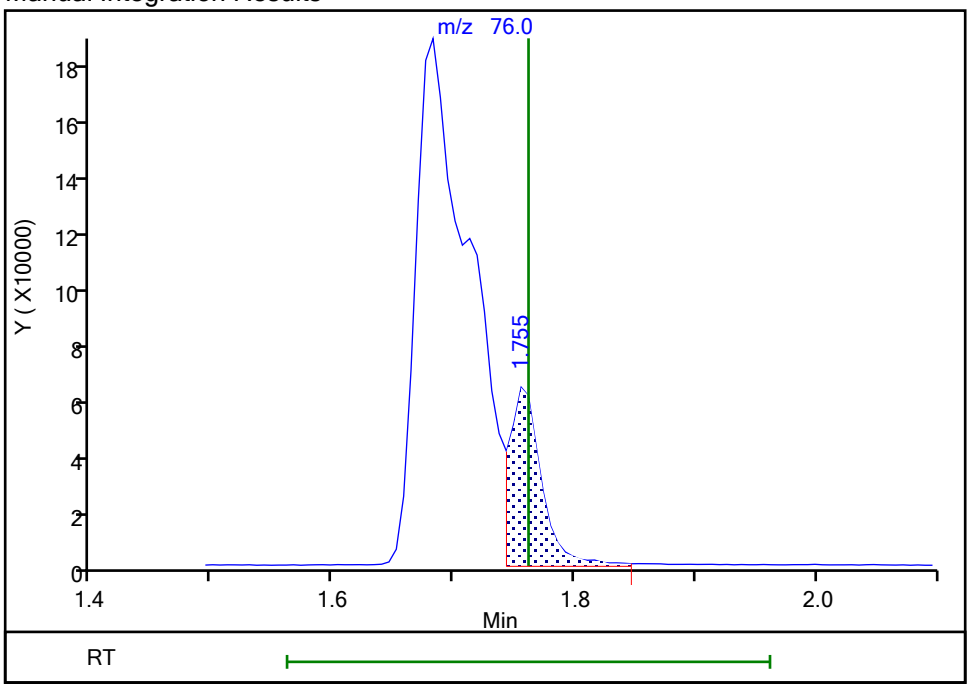
Not Detected
Expected RT: 1.76

Processing Integration Results



Manual Integration Results

RT: 1.76
Area: 114657
Amount: 46.991952
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:09:31 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

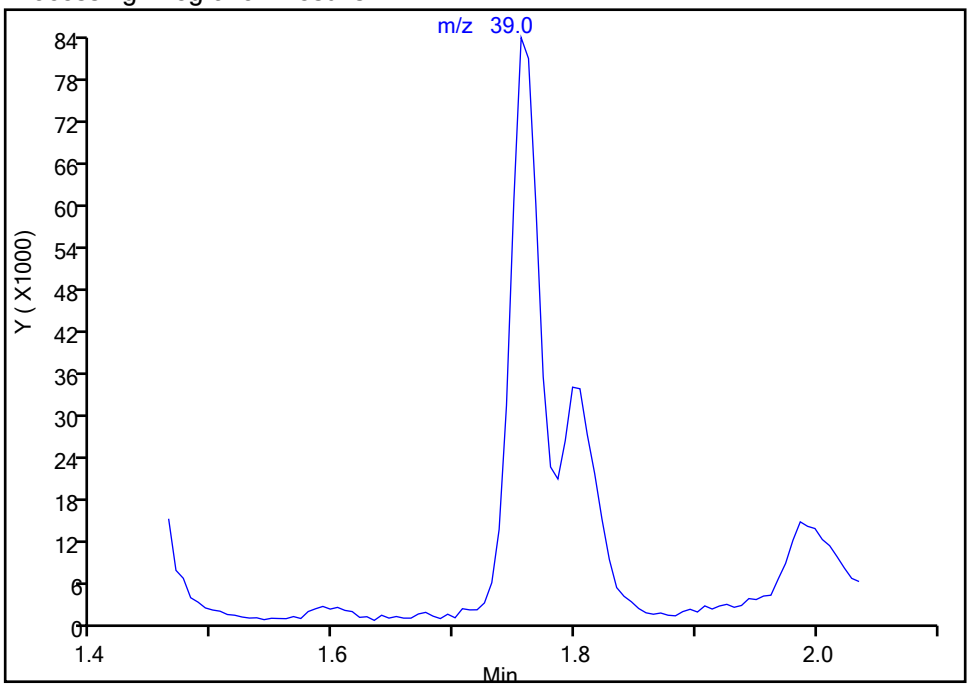
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

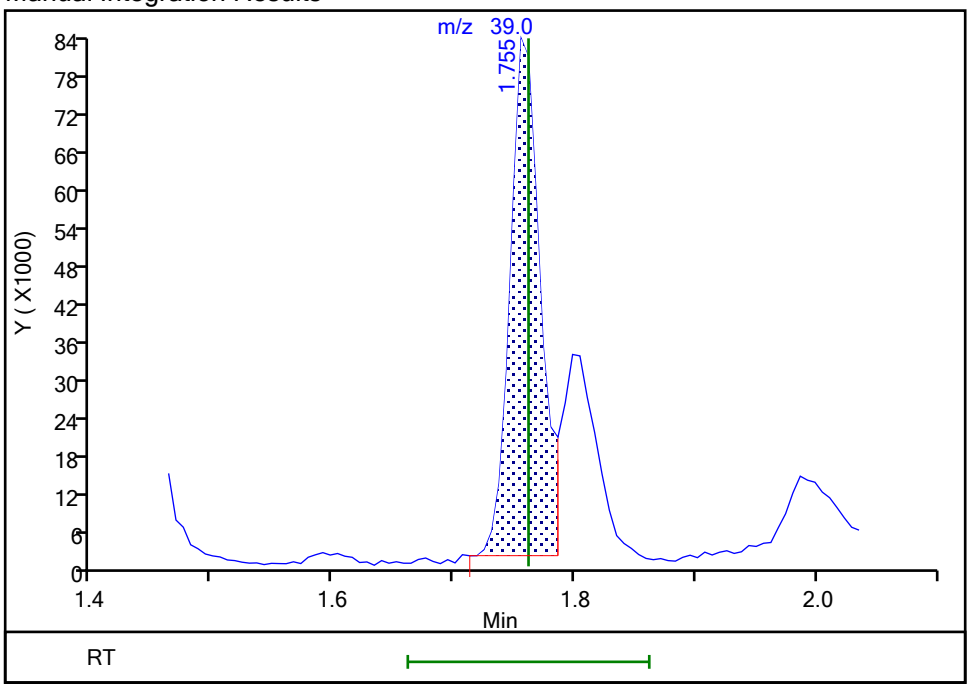
Not Detected
Expected RT: 1.76

Processing Integration Results



Manual Integration Results

RT: 1.76
Area: 143736
Amount: 508.0204
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:09:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

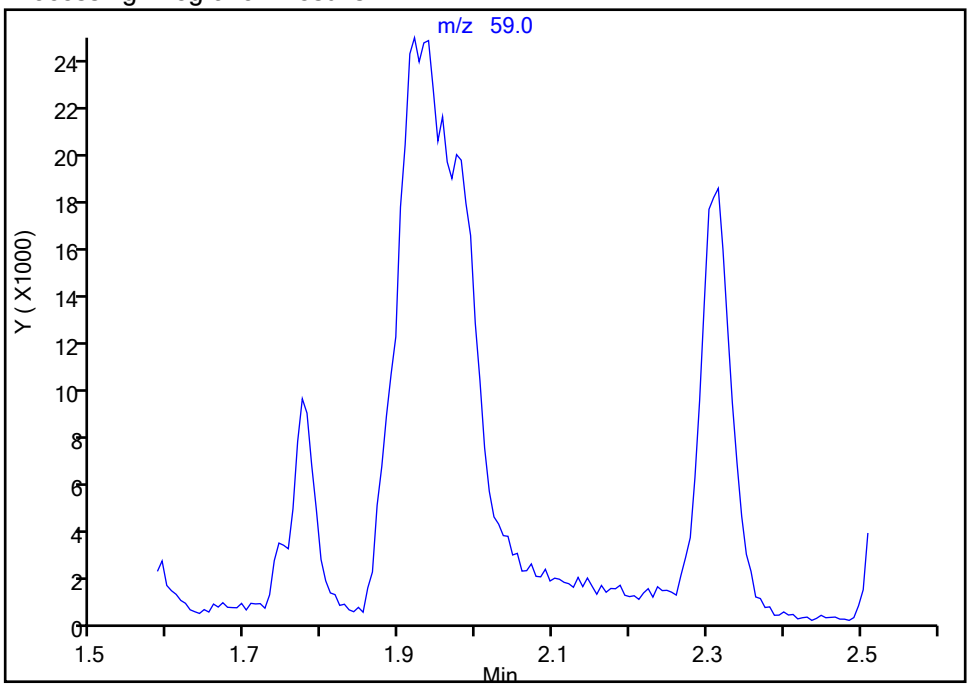
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

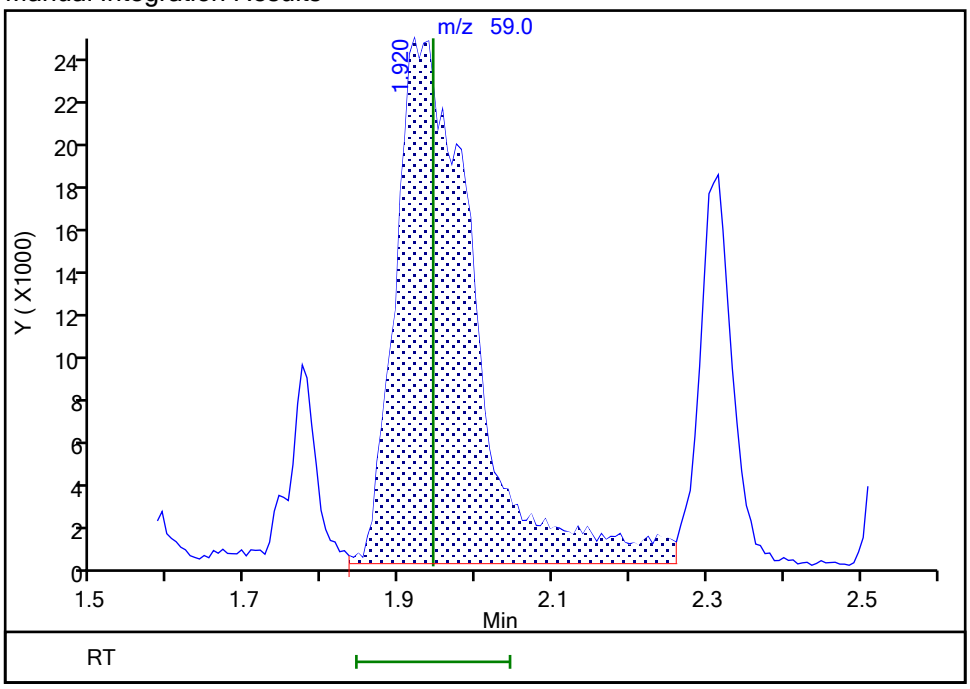
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 173883
Amount: 537.2670
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:09:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

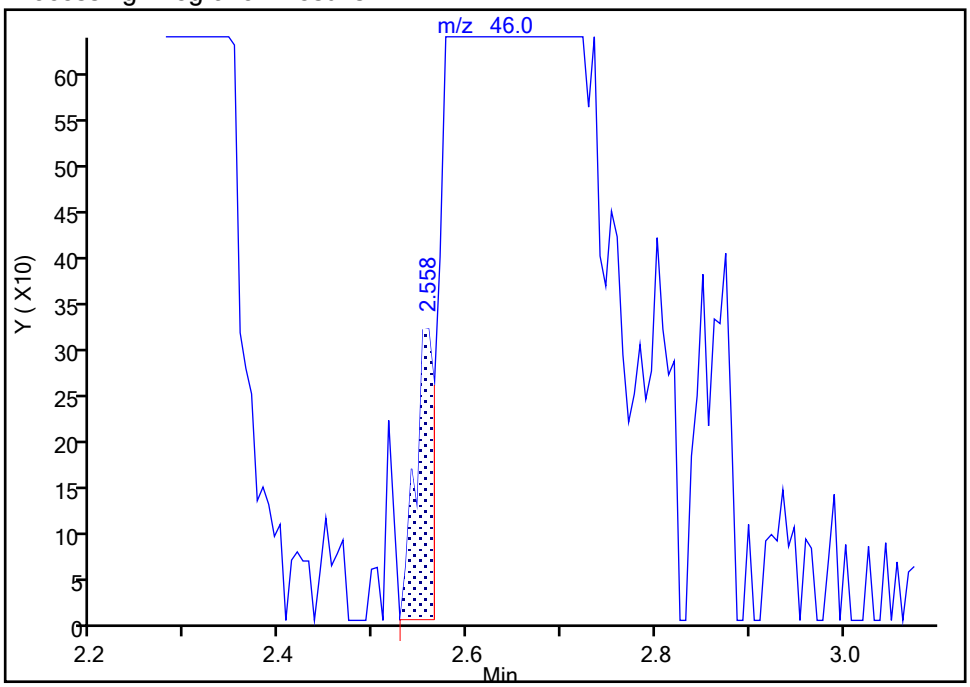
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

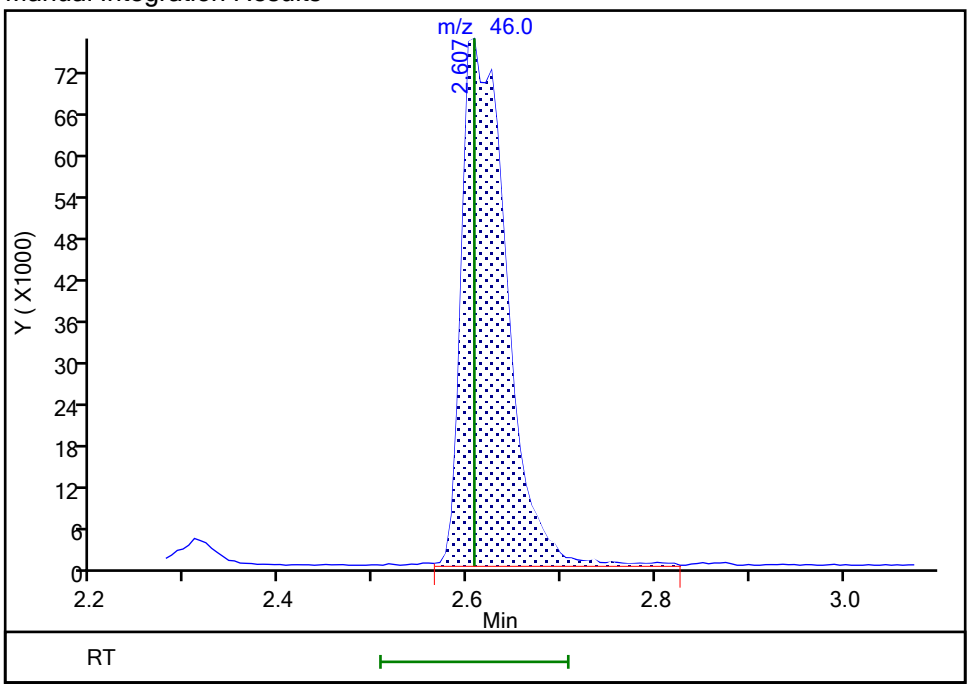
Processing Integration Results

RT: 2.56
Area: 453
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 252769
Amount: 250.0000
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:13:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

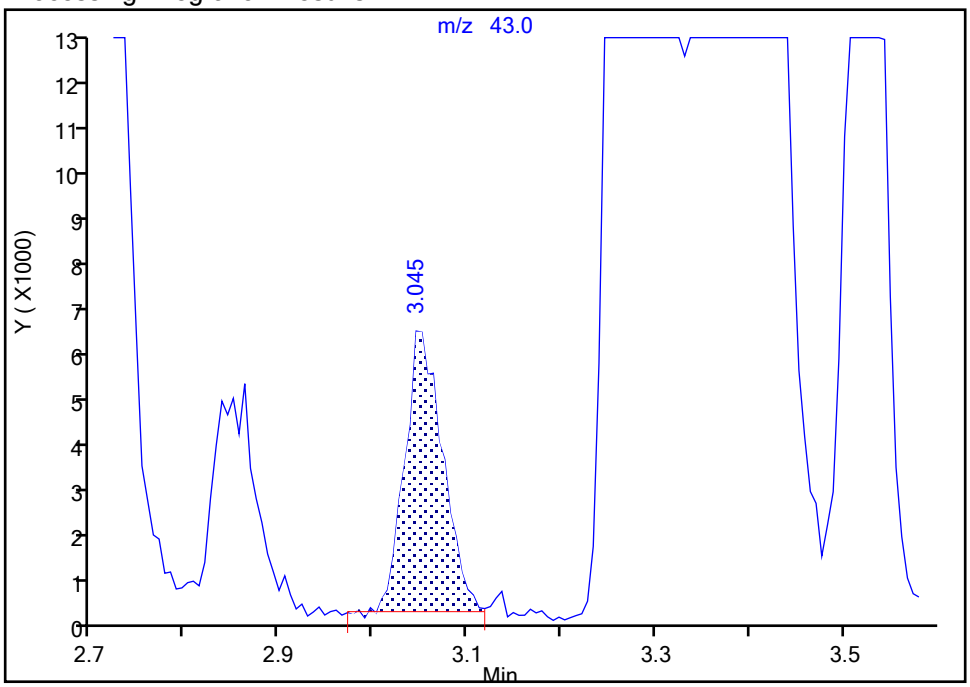
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

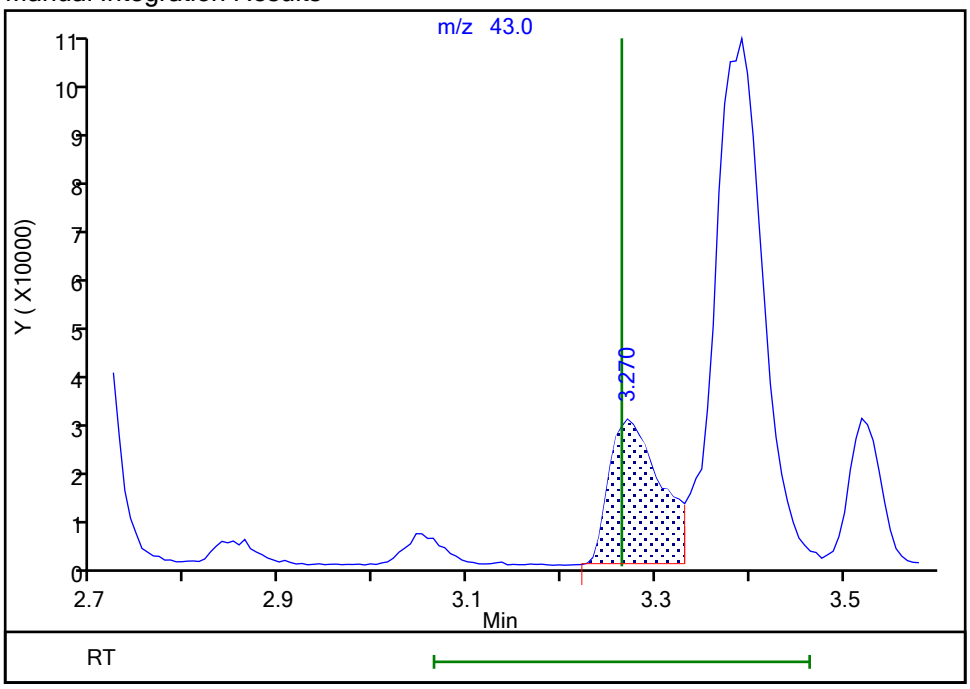
Processing Integration Results

RT: 3.05
Area: 17481
Amount: 220.7672
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 113460
Amount: 1345.9333
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:16:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

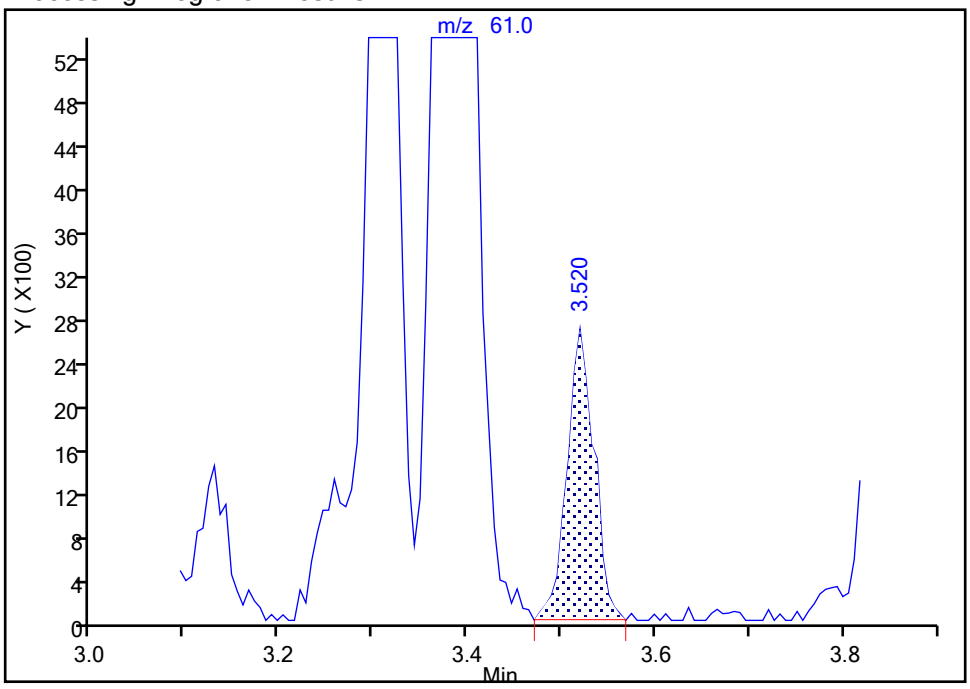
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

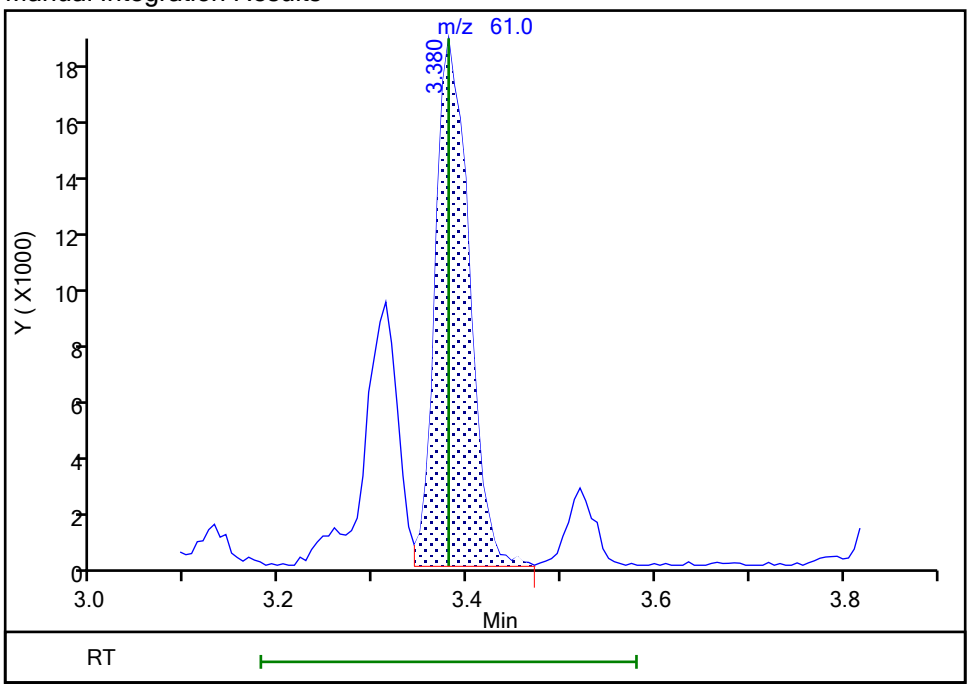
Processing Integration Results

RT: 3.52
Area: 5378
Amount: 7.348069
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 45852
Amount: 49.817237
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:10:00 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

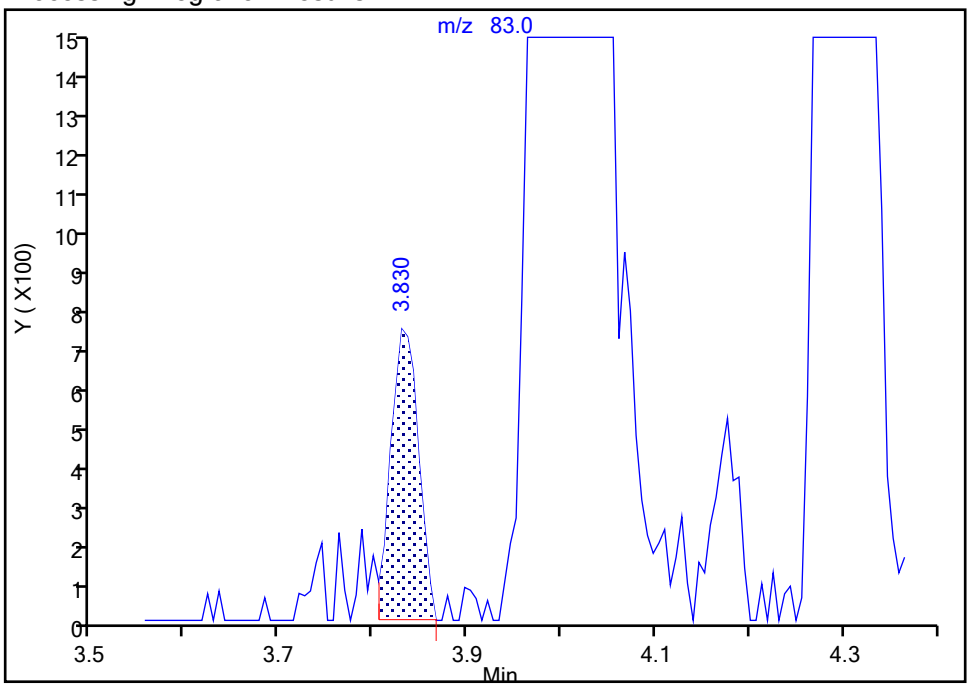
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

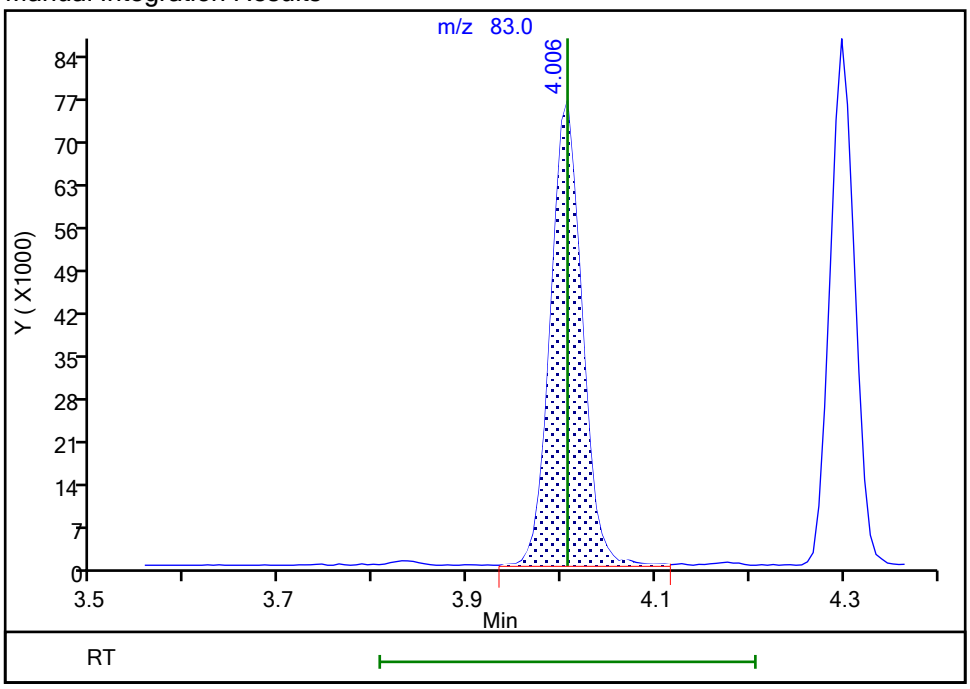
Processing Integration Results

RT: 3.83
Area: 1505
Amount: 0.639576
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 177059
Amount: 43.630137
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:10:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

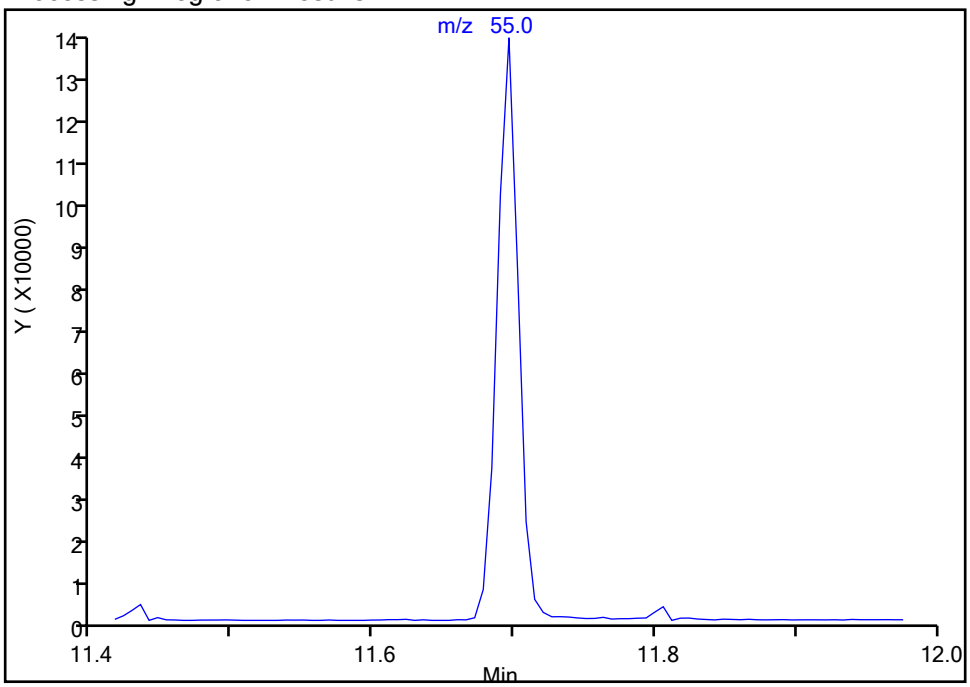
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72808.D
Injection Date: 31-Oct-2023 05:11:30 Instrument ID: CVOAMS11
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

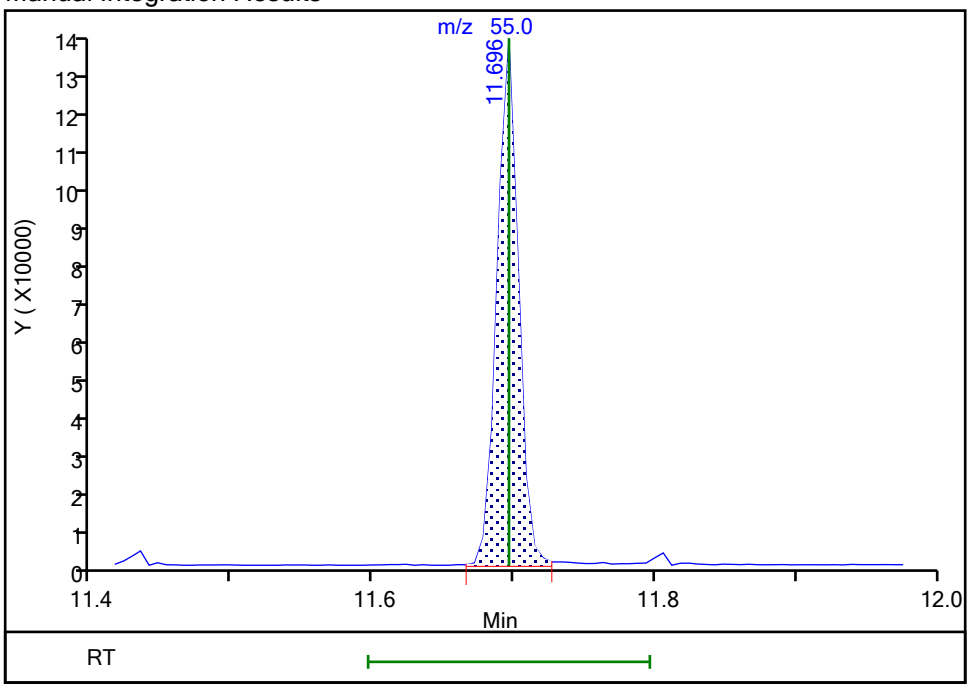
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 137571
Amount: 46.200166
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 06:10:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 31-Oct-2023 13:26:30 ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0168175-023
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:50:56 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: PUV6 Date: 31-Oct-2023 14:33:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.825	0.006	89	185178	200.0	187.9	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	96	1128355	200.0	147.8	
5 Dichlorodifluoromethane	85	0.849	0.855	-0.006	98	1049434	200.0	196.5	
7 Chloromethane	52	0.952	0.958	-0.006	98	252445	200.0	188.6	M
8 Vinyl chloride	62	1.001	1.007	-0.006	97	808772	200.0	167.0	
9 Butadiene	54	1.013	1.013	0.000	94	706080	200.0	166.7	
10 Bromomethane	94	1.172	1.178	-0.006	99	606729	200.0	140.0	M
11 Chloroethane	64	1.184	1.190	-0.006	99	417908	200.0	142.0	
12 Dichlorofluoromethane	67	1.311	1.317	-0.006	99	1418010	200.0	165.1	
14 Pentane	72	1.324	1.324	0.000	96	223867	400.0	457.2	
13 Trichlorofluoromethane	101	1.342	1.342	0.000	98	1090396	200.0	173.9	
16 Ethyl ether	74	1.433	1.433	0.000	95	325143	200.0	168.7	
15 Ethanol	46	1.427	1.439	-0.012	75	85645	8000.0	8087.9	
17 2-Methyl-1,3-butadiene	53	1.445	1.451	-0.006	95	520780	200.0	189.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.476	1.470	0.006	91	640647	200.0	175.1	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.500	0.006	93	971277	200.0	169.7	a
20 Acrolein	56	1.506	1.518	-0.012	44	94927	200.0	202.9	
22 1,1-Dichloroethene	96	1.561	1.561	0.000	97	646232	200.0	175.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.591	1.597	-0.006	98	813678	200.0	201.6	
23 Acetone	58	1.591	1.597	-0.006	84	281603	1000.0	835.4	
24 Iodomethane	142	1.652	1.652	0.000	97	1335518	200.0	181.3	
25 Isopropyl alcohol	45	1.676	1.676	0.000	28	309323	2000.0	2118.8	a
26 Carbon disulfide	76	1.683	1.682	0.001	98	2555425	200.0	182.2	M
30 Acetonitrile	39	1.756	1.762	-0.006	76	591739	2000.0	1916.2	
27 3-Chloro-1-propene	76	1.756	1.762	-0.006	91	534976	200.0	182.5	
28 Methyl acetate	74	1.774	1.774	0.000	98	196963	400.0	333.9	
29 Cyclopentene	67	1.804	1.804	0.000	95	1291921	200.0	185.8	
32 Methylene Chloride	84	1.835	1.835	0.000	86	733541	200.0	172.8	
* 31 TBA-d9 (IS)	46	1.871	1.871	0.000	99	88521	1000.0	1000.0	a
33 2-Methyl-2-propanol	59	1.920	1.944	-0.024	98	622232	2000.0	1761.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.981	1.987	-0.006	95	2099480	2000.0	1636.9	
35 trans-1,2-Dichloroethene	96	1.987	1.993	-0.006	92	645112	200.0	176.8	
34 Methyl tert-butyl ether	73	2.005	1.999	0.006	96	1898533	200.0	185.0	
37 Hexane	56	2.157	2.157	0.000	90	353776	200.0	205.8	
39 1,1-Dichloroethane	63	2.254	2.254	0.000	99	1088018	200.0	176.5	
40 Vinyl acetate	86	2.291	2.297	-0.006	100	250546	400.0	460.5	
38 Isopropyl ether	45	2.309	2.309	0.000	84	1795500	200.0	191.9	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	86	599384	200.0	196.0	
42 Tert-butyl ethyl ether	59	2.552	2.558	-0.006	90	1888678	200.0	202.8	
* 43 2-Butanone-d5	46	2.625	2.607	0.018	99	271774	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	99	732243	200.0	182.1	
46 2-Butanone (MEK)	72	2.662	2.650	0.012	99	334222	1000.0	928.0	
44 2,2-Dichloropropane	79	2.662	2.656	0.006	93	358181	200.0	202.2	
47 Ethyl acetate	70	2.705	2.698	0.007	99	112793	400.0	407.2	
48 Methyl acrylate	55	2.729	2.717	0.012	100	585822	200.0	173.7	
49 Propionitrile	54	2.711	2.717	-0.006	95	830780	2000.0	1962.8	
52 Methacrylonitrile	67	2.820	2.814	0.006	88	2368333	2000.0	1845.4	
51 Chlorobromomethane	128	2.814	2.820	-0.006	84	358390	200.0	172.1	
50 Tetrahydrofuran	72	2.851	2.857	-0.006	88	151845	400.0	391.4	
53 Chloroform	83	2.881	2.881	0.000	100	1073353	200.0	182.0	
$ 56 Dibromofluoromethane (Surr)	113	2.997	3.003	-0.006	97	157818	50.0	46.8	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	98	1052845	200.0	189.0	
54 Cyclohexane	84	3.057	3.057	0.000	88	1087694	200.0	219.2	
58 1,1-Dichloropropene	75	3.130	3.136	-0.006	99	824866	200.0	197.8	
57 Carbon tetrachloride	117	3.137	3.136	0.000	97	888841	200.0	187.8	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	158643	50.0	48.1	
59 Isobutyl alcohol	43	3.270	3.264	0.006	98	479263	5000.0	5208.9	a
61 Benzene	78	3.295	3.295	0.000	95	2445263	200.0	198.4	
65 1,2-Dichloroethane	62	3.313	3.313	0.000	97	737732	200.0	183.9	
60 Isooctane	57	3.374	3.368	0.006	96	1635754	200.0	252.8	
64 Isopropyl acetate	61	3.386	3.380	0.006	97	204613	200.0	185.0	a
63 Tert-amyl methyl ether	73	3.410	3.404	0.006	90	1958869	200.0	197.0	
* 67 Fluorobenzene	96	3.526	3.520	0.006	90	536765	50.0	50.0	
66 n-Heptane	43	3.526	3.520	0.006	85	496617	200.0	221.3	
68 n-Butanol	56	3.830	3.830	0.000	85	293725	5000.0	4855.3	
69 Trichloroethene	95	3.836	3.830	0.006	98	612754	200.0	197.0	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	54545	200.0	197.5	
71 Methylcyclohexane	83	4.006	4.006	0.000	89	1110531	200.0	227.8	a
72 1,2-Dichloropropane	63	4.037	4.037	0.000	94	583532	200.0	189.0	
* 73 1,4-Dioxane-d8	96	4.128	4.134	-0.006	31	34108	1000.0	1000.0	
76 Dibromomethane	93	4.140	4.140	0.000	98	369333	200.0	176.3	
75 1,4-Dioxane	88	4.171	4.177	-0.006	32	129766	4000.0	3336.7	
74 Methyl methacrylate	100	4.177	4.177	0.000	83	272589	400.0	359.3	
77 n-Propyl acetate	43	4.244	4.244	0.000	97	568888	200.0	179.2	
78 Dichlorobromomethane	83	4.298	4.298	0.000	99	738822	200.0	190.2	
79 2-Nitropropane	41	4.530	4.530	0.000	98	192356	400.0	357.9	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	94	263096	200.5	188.2	
81 Epichlorohydrin	57	4.663	4.657	0.006	99	963319	4000.0	4126.6	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	89	867788	200.0	201.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	95	2287817	1000.0	1021.2	
$ 84 Toluene-d8 (Surr)	98	5.004	4.998	0.006	99	524876	50.0	50.7	
85 Toluene	91	5.071	5.071	0.000	93	2338880	200.0	195.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.333	5.333	0.000	95	735448	200.0	194.7	
87 Ethyl methacrylate	69	5.473	5.473	0.001	87	628216	200.0	200.5	
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	96	403507	200.0	180.2	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	547313	200.0	192.2	
90 1,3-Dichloropropane	76	5.698	5.698	0.000	90	771803	200.0	183.1	
91 2-Hexanone	58	5.838	5.838	0.000	93	820150	1000.0	1001.6	
93 Chlorodibromomethane	129	5.941	5.941	0.000	97	533691	200.0	189.3	
92 n-Butyl acetate	43	6.014	6.020	-0.006	98	620584	200.0	200.0	
94 Ethylene Dibromide	107	6.044	6.038	0.006	98	501091	200.0	183.1	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	83	405209	50.0	50.0	
96 Chlorobenzene	112	6.635	6.634	0.001	96	1461109	200.0	190.7	
98 1,1,1,2-Tetrachloroethane	131	6.756	6.756	0.000	96	648639	200.0	193.5	
97 Ethylbenzene	106	6.793	6.793	0.000	98	822355	200.0	213.7	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	989926	200.0	214.4	
100 o-Xylene	106	7.432	7.431	0.001	94	1069045	200.0	220.8	
102 Styrene	104	7.450	7.450	0.000	96	1571027	200.0	216.9	
101 n-Butyl acrylate	73	7.492	7.492	0.000	98	388675	200.0	223.0	
104 Bromoform	173	7.651	7.650	0.001	96	347079	200.0	185.4	
103 Amyl acetate (mixed isomers)	43	7.803	7.809	-0.006	91	729352	200.0	209.8	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	2645119	200.0	215.6	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	90	144177	50.0	49.6	
107 Bromobenzene	156	8.247	8.247	0.000	97	607131	200.0	190.7	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	99	670117	200.0	178.0	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	175662	200.0	170.2	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.423	0.000	92	162810	200.0	191.3	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	2947681	200.0	213.0	
112 2-Chlorotoluene	91	8.527	8.526	0.001	96	1740653	200.0	206.6	
113 4-Ethyltoluene	105	8.624	8.618	0.006	99	2336018	200.0	217.7	
115 4-Chlorotoluene	91	8.679	8.679	0.000	97	1906387	200.0	215.4	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	92	2190976	200.0	219.4	
116 Butyl Methacrylate	87	8.934	8.940	-0.006	87	708985	200.0	201.3	
117 tert-Butylbenzene	119	9.135	9.129	0.006	94	1901692	200.0	238.5	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	2232287	200.0	222.2	
119 sec-Butylbenzene	105	9.409	9.403	0.007	99	2747209	200.0	231.0	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	1141442	200.0	194.1	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	218518	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	94	1154190	200.0	187.9	
121 4-Isopropyltoluene	119	9.597	9.597	0.000	98	2314038	200.0	222.6	
124 1,2,3-Trimethylbenzene	105	9.682	9.676	0.006	98	2512506	200.0	223.0	
125 Benzyl chloride	126	9.768	9.768	0.000	99	273534	200.0	212.5	
126 2,3-Dihydroindene	117	9.871	9.871	0.000	94	2234577	200.0	215.2	
129 1,2-Dichlorobenzene	146	9.981	9.980	0.001	96	1160174	200.0	189.6	
127 p-Diethylbenzene	119	10.017	10.011	0.006	93	1331658	200.0	230.1	
128 n-Butylbenzene	92	10.035	10.035	0.000	97	1111809	200.0	221.3	
131 1,2-Dibromo-3-Chloropropane	157	10.747	10.747	0.000	97	143411	200.0	170.8	
130 1,2,4,5-Tetramethylbenzene	119	10.753	10.753	0.000	97	2293235	200.0	201.8	
132 1,3,5-Trichlorobenzene	180	10.930	10.923	0.007	98	888445	200.0	206.5	
133 1,2,4-Trichlorobenzene	180	11.441	11.440	0.001	94	776344	200.0	209.6	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	90	227775	200.0	198.0	
135 Naphthalene	128	11.623	11.623	0.000	99	2009576	200.0	197.9	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	91	742363	200.0	201.9	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	673119	200.0	193.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		400.0	358.9	
S 138 Xylenes, Total	100				0		400.0	435.2	
S 139 Total BTEX	1				0		1000.0	1043.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00454	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00178	Amount Added: 200.00	Units: uL	
ACROLEIN W_00161	Amount Added: 20.00	Units: uL	
7 Freons Hi_00007	Amount Added: 20.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 31-Oct-2023 20:50:56 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D

Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11 Operator ID:

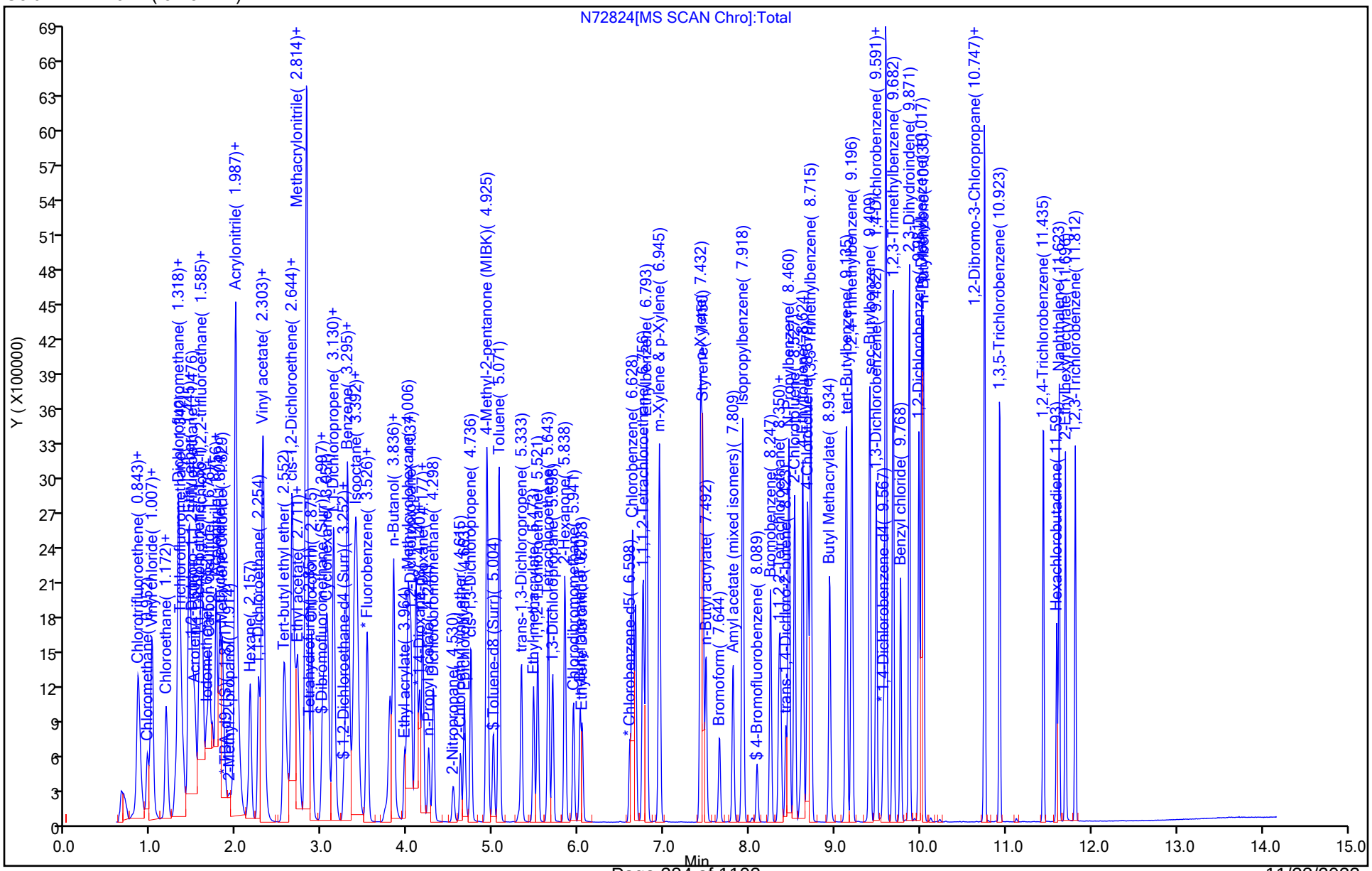
Lims ID: STD200 Worklist Smp#: 23

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 31

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

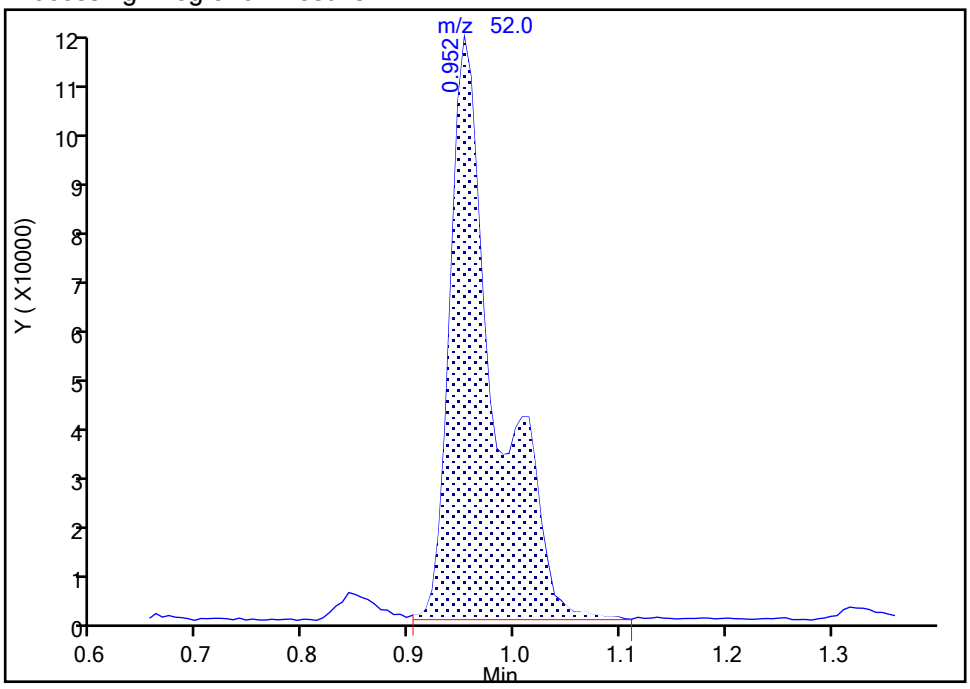
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

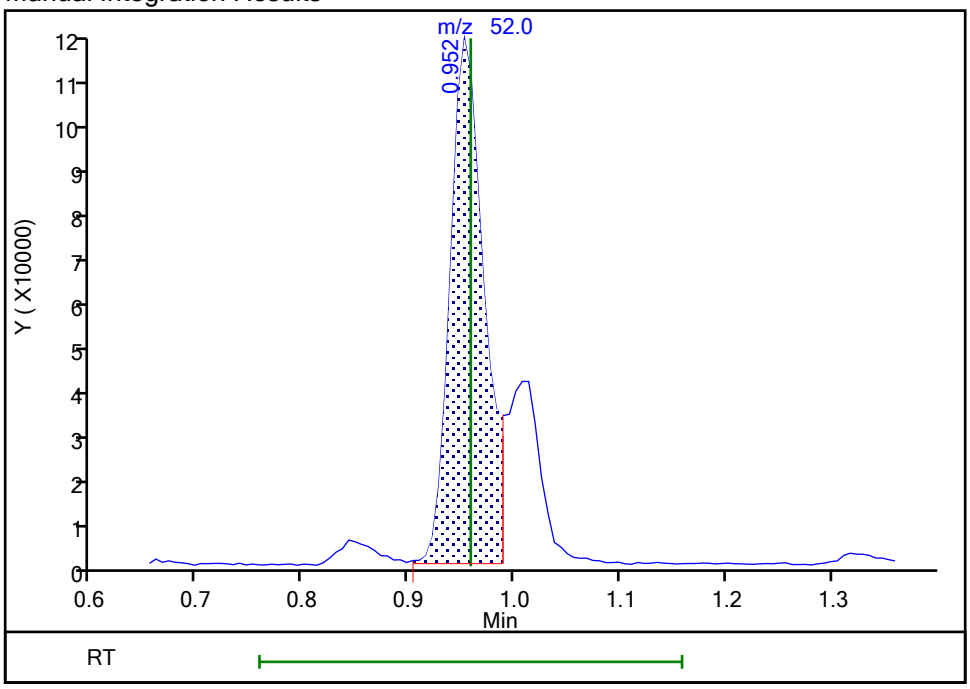
Processing Integration Results

RT: 0.95
Area: 333763
Amount: 189.1278
Amount Units: ug/l



Manual Integration Results

RT: 0.95
Area: 252445
Amount: 188.6243
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:07:15 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

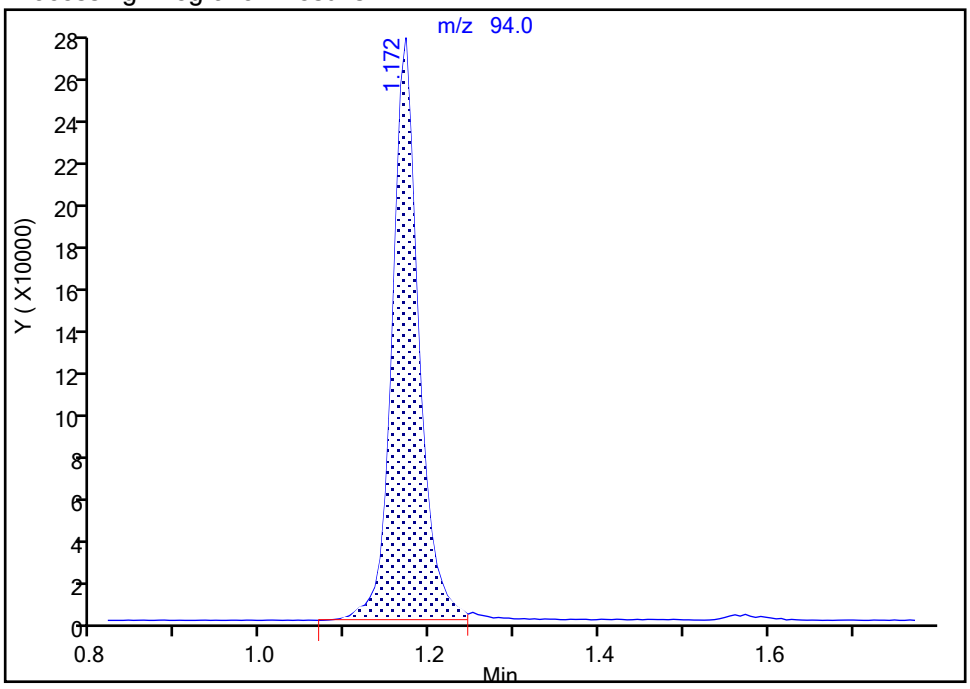
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Bromomethane, CAS: 74-83-9

Signal: 1

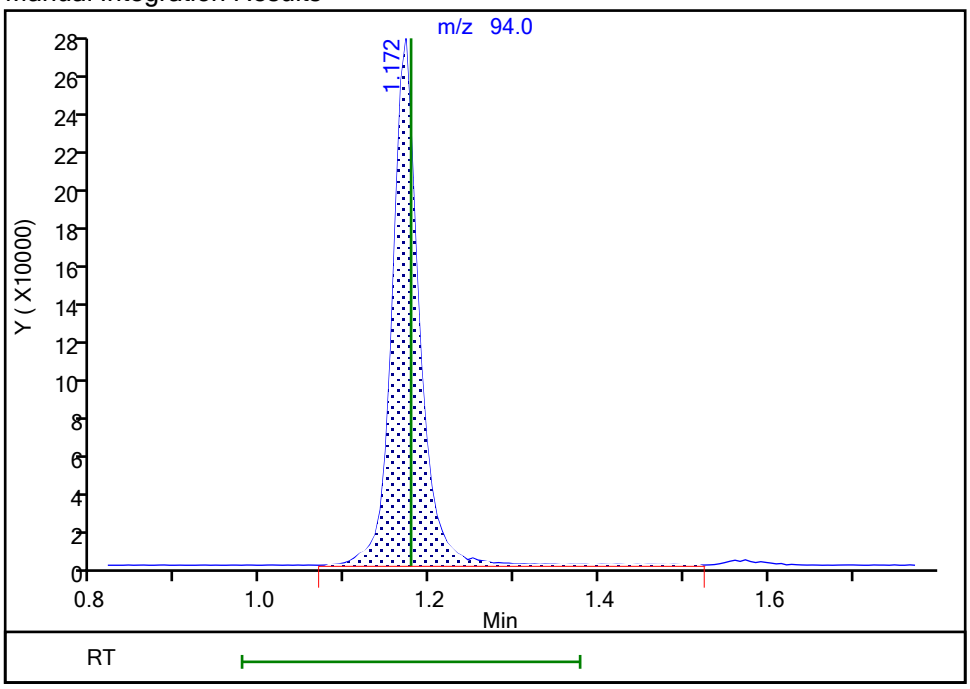
Processing Integration Results

RT: 1.17
Area: 595241
Amount: 137.6920
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 606729
Amount: 139.9774
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:27:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

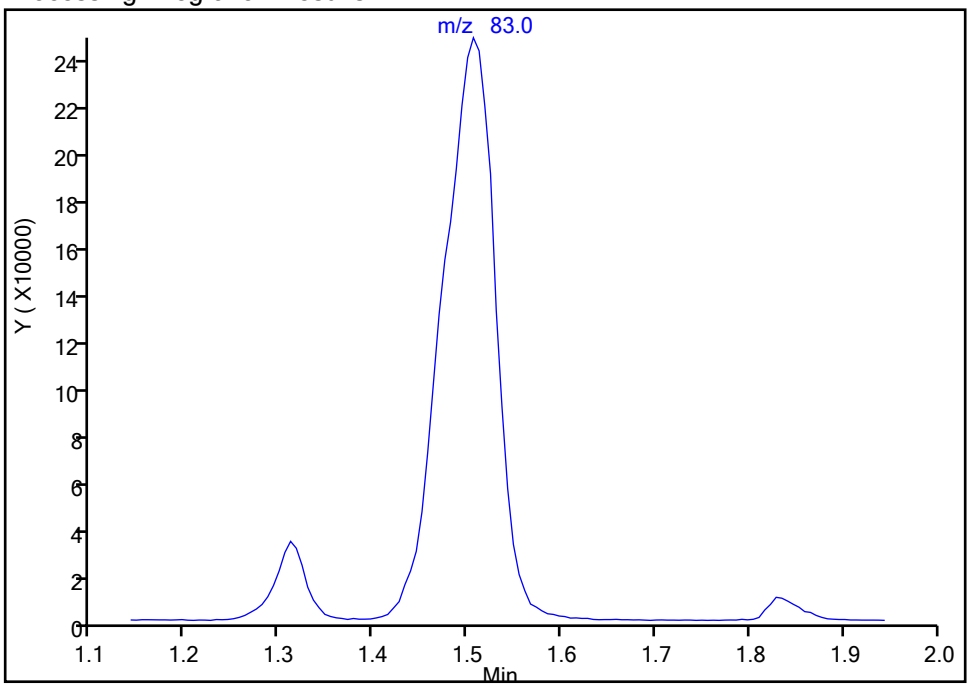
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

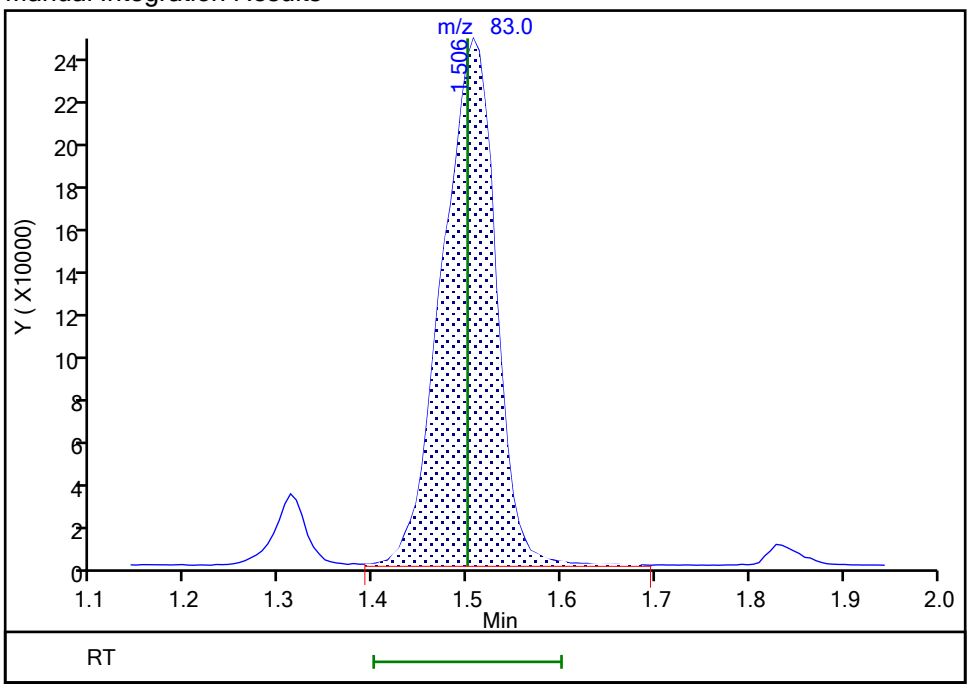
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 971277
Amount: 169.7249
Amount Units: ug/l



Reviewer: PUV6, 31-Oct-2023 14:33:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

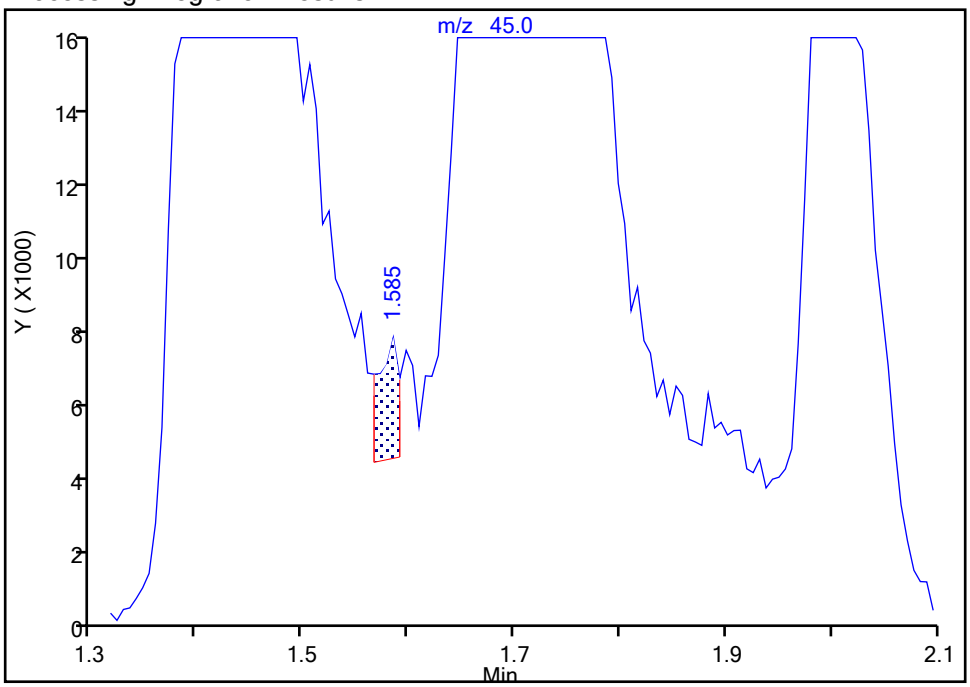
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

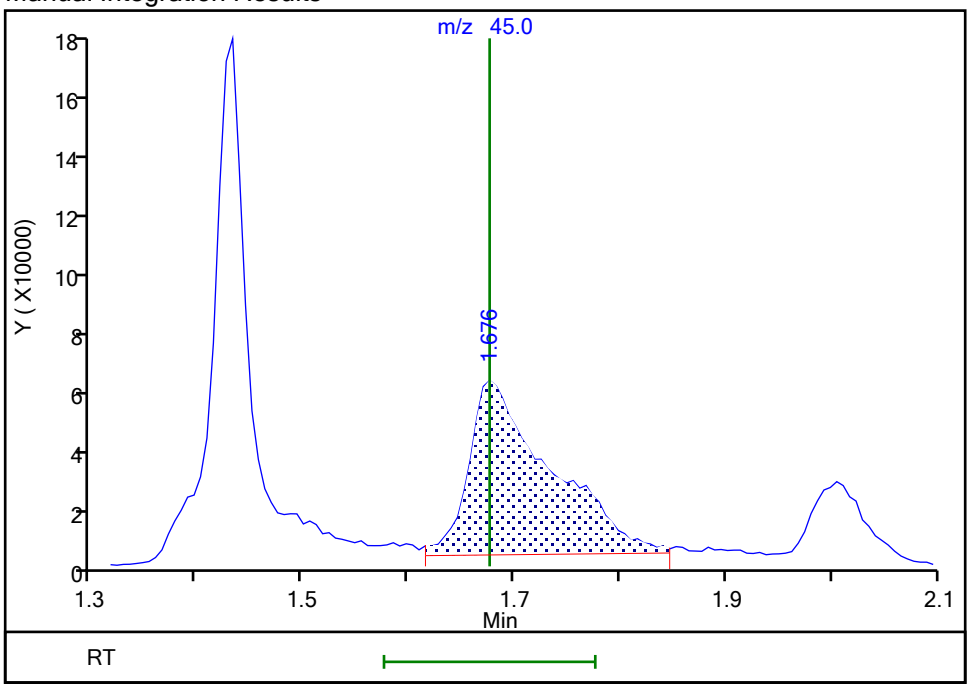
Processing Integration Results

RT: 1.59
Area: 4529
Amount: 42.583635
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 309323
Amount: 2118.7833
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:46:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

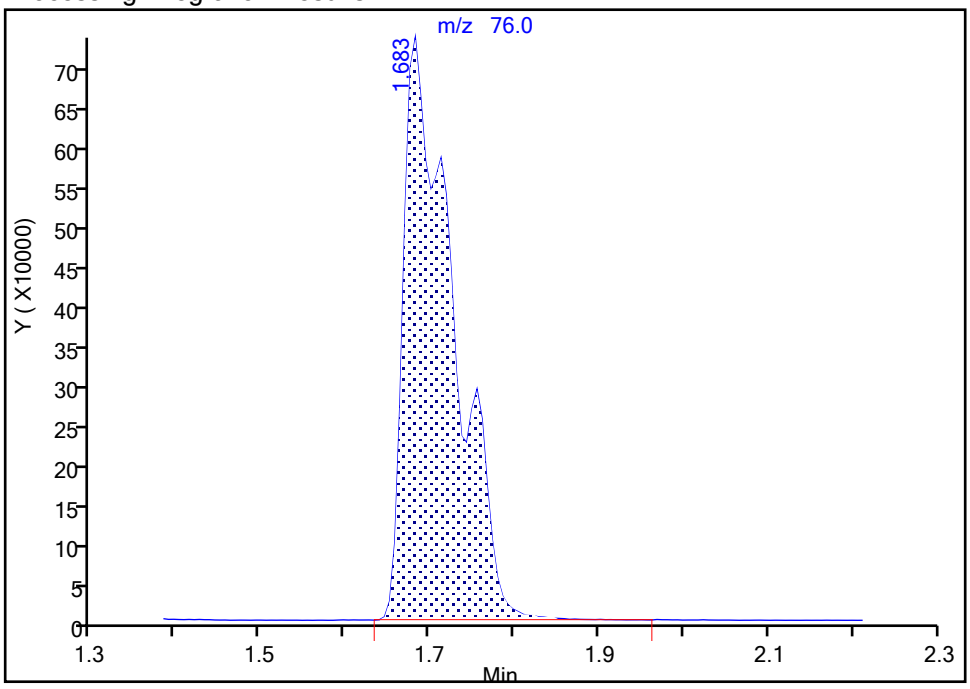
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

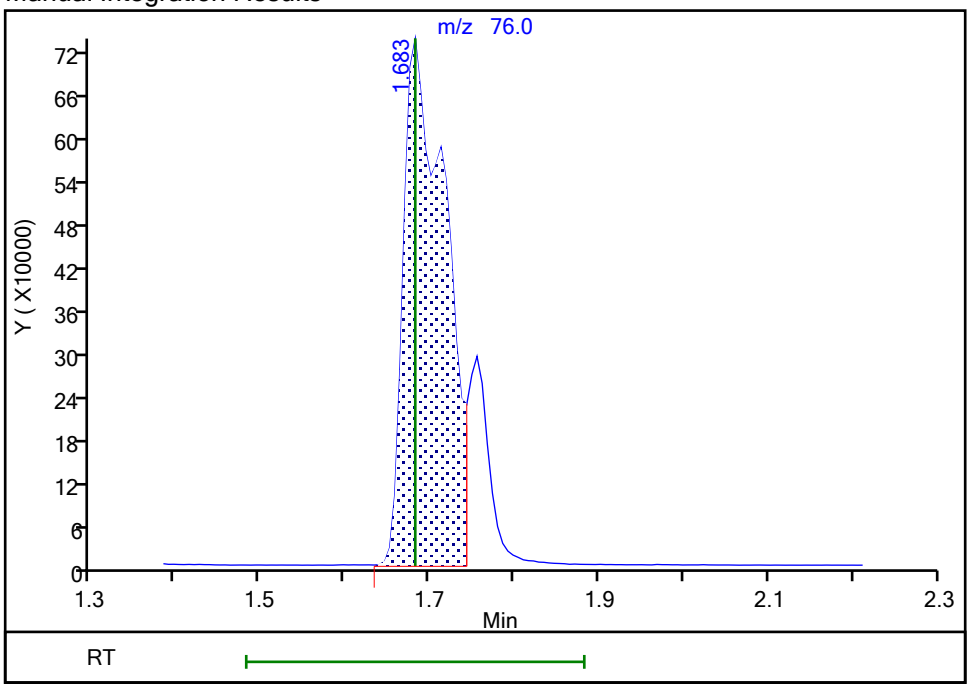
Processing Integration Results

RT: 1.68
Area: 3016351
Amount: 180.4803
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 2555425
Amount: 182.2140
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:07:32 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

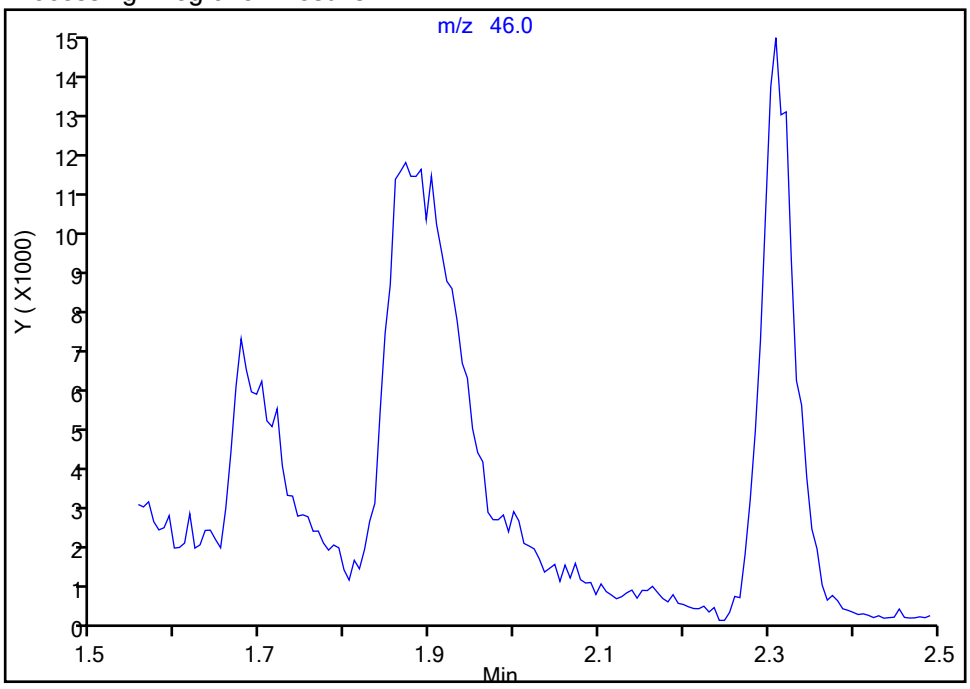
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

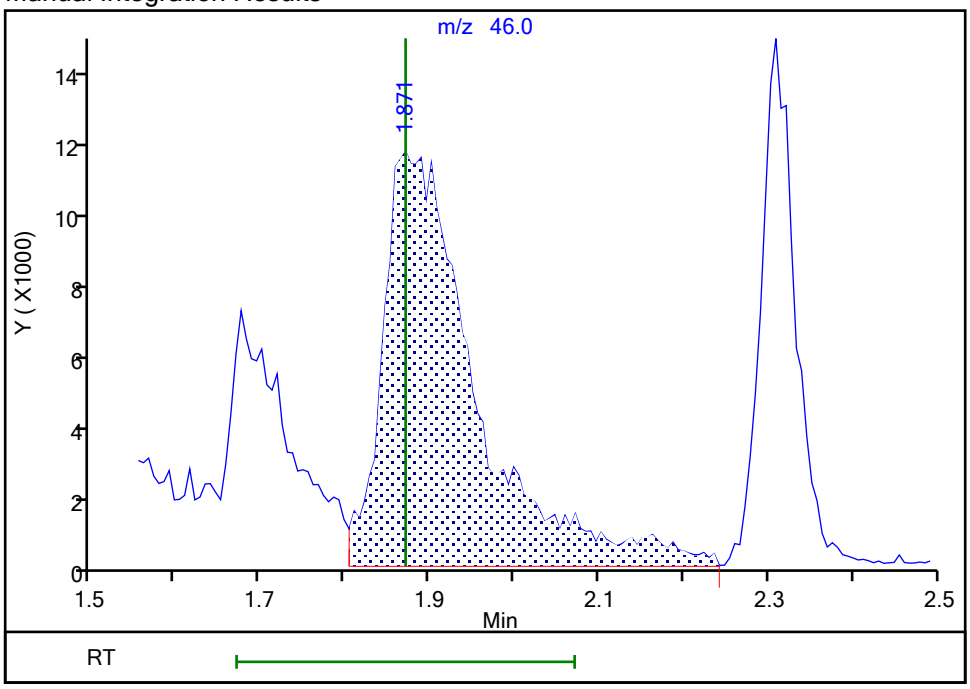
Not Detected
Expected RT: 1.87

Processing Integration Results



Manual Integration Results

RT: 1.87
Area: 88521
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:45:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

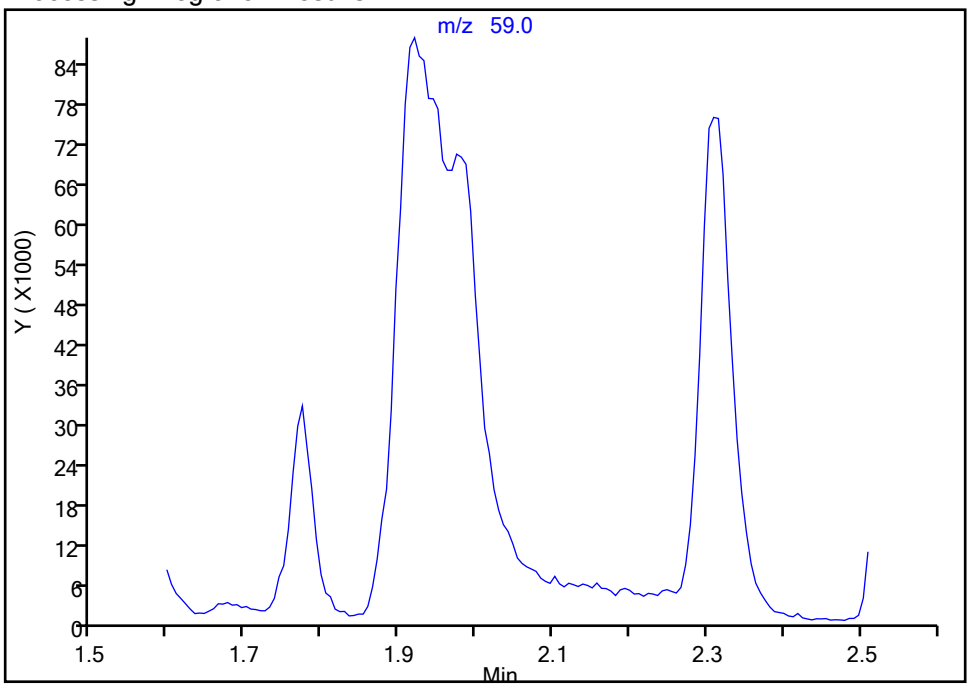
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

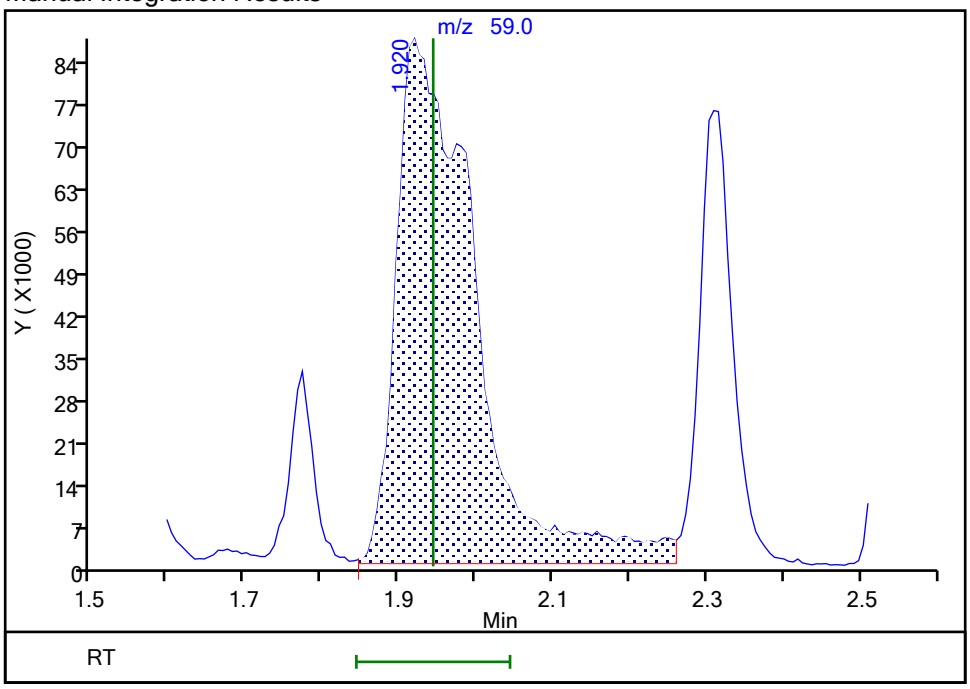
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 622232
Amount: 1761.4730
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:46:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

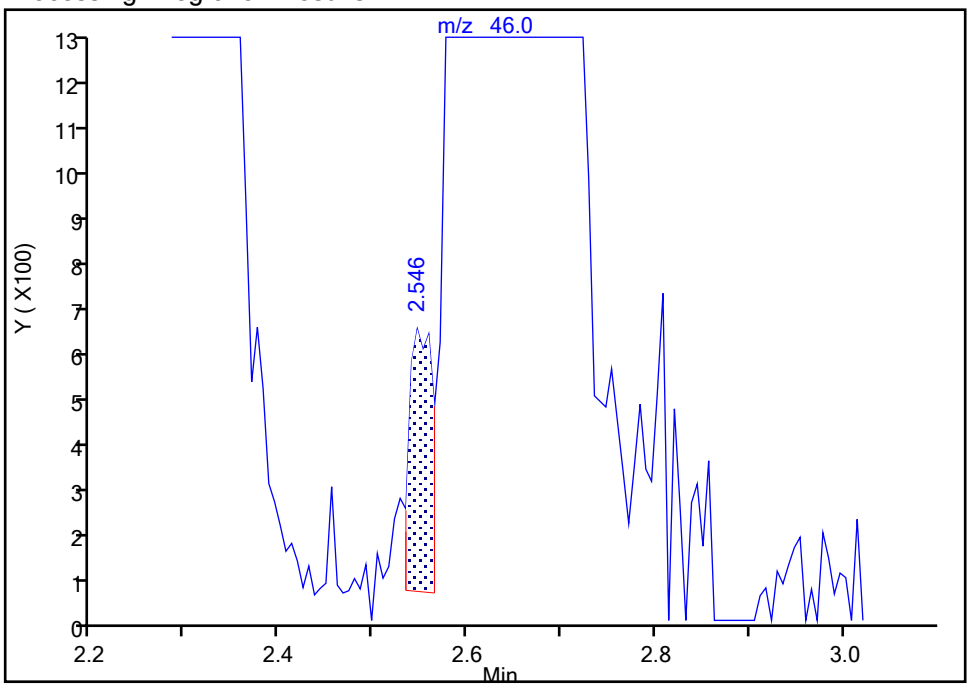
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

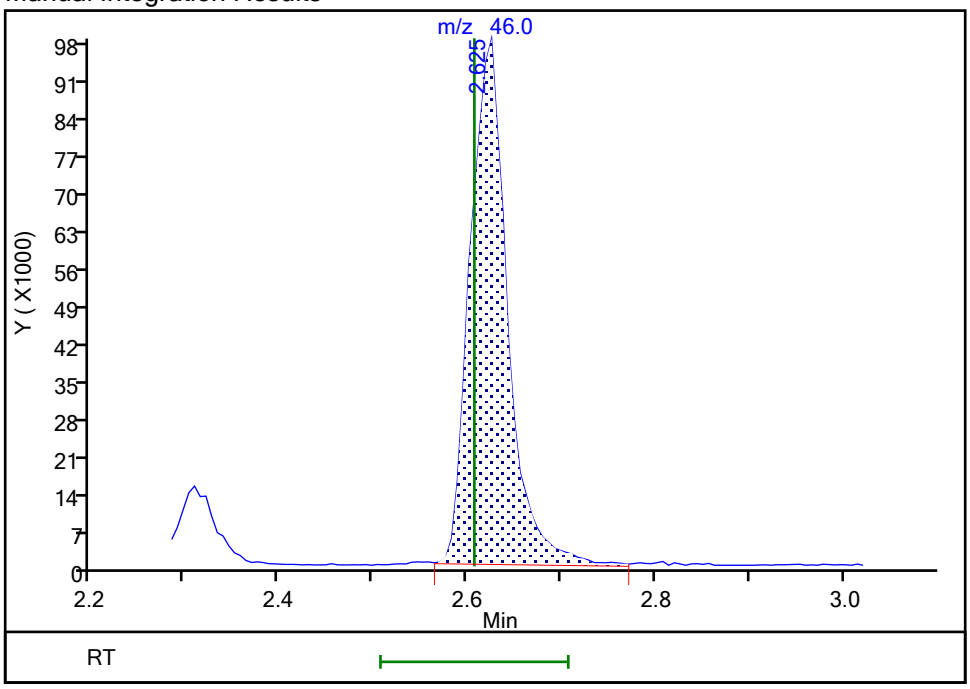
Processing Integration Results

RT: 2.55
Area: 995
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.63
Area: 271774
Amount: 250.0000
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:46:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

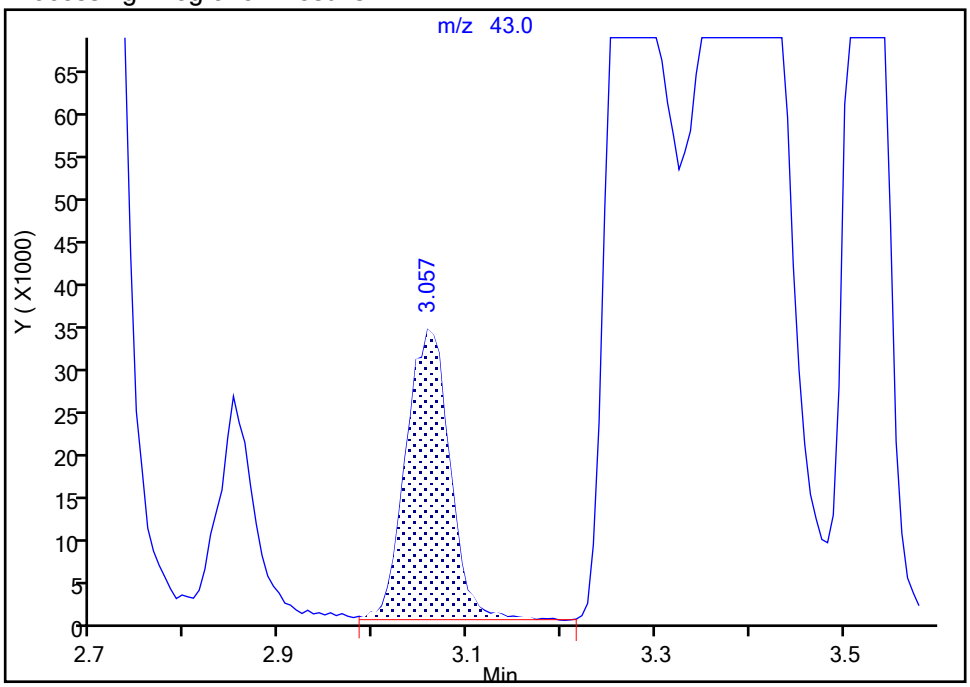
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

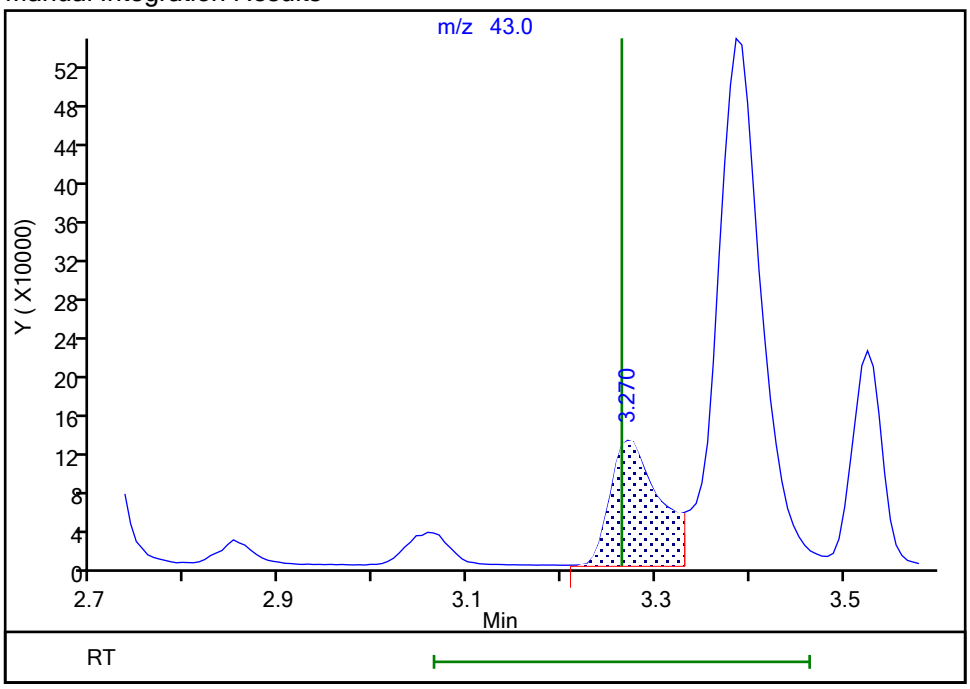
Processing Integration Results

RT: 3.06
Area: 110145
Amount: 1666.4050
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 479263
Amount: 5208.8910
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:22:37 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

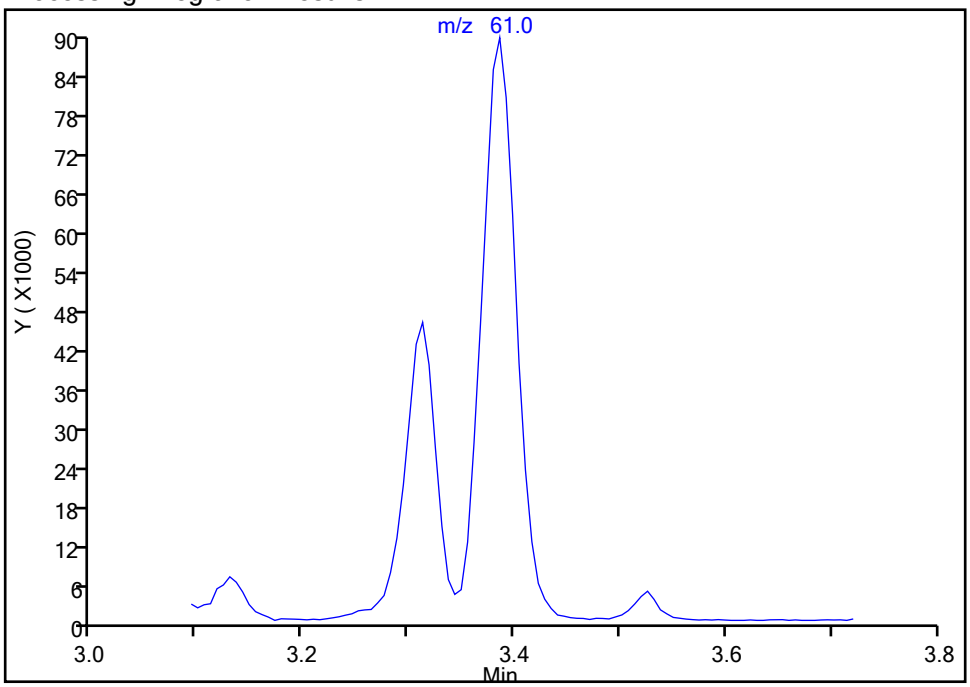
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

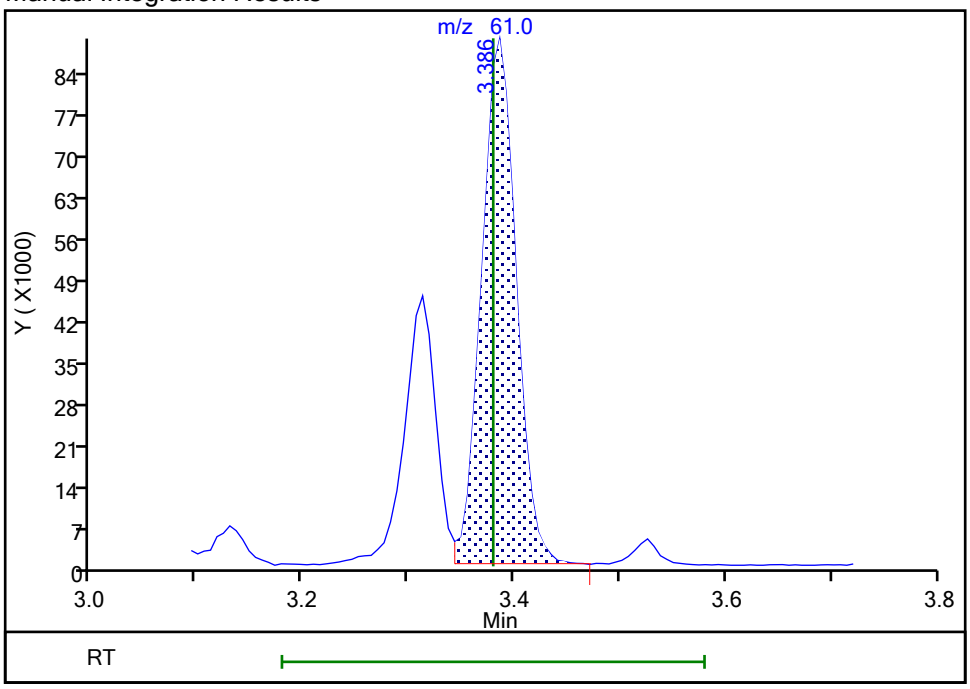
Not Detected
Expected RT: 3.38

Processing Integration Results



Manual Integration Results

RT: 3.39
Area: 204613
Amount: 185.0311
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:07:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

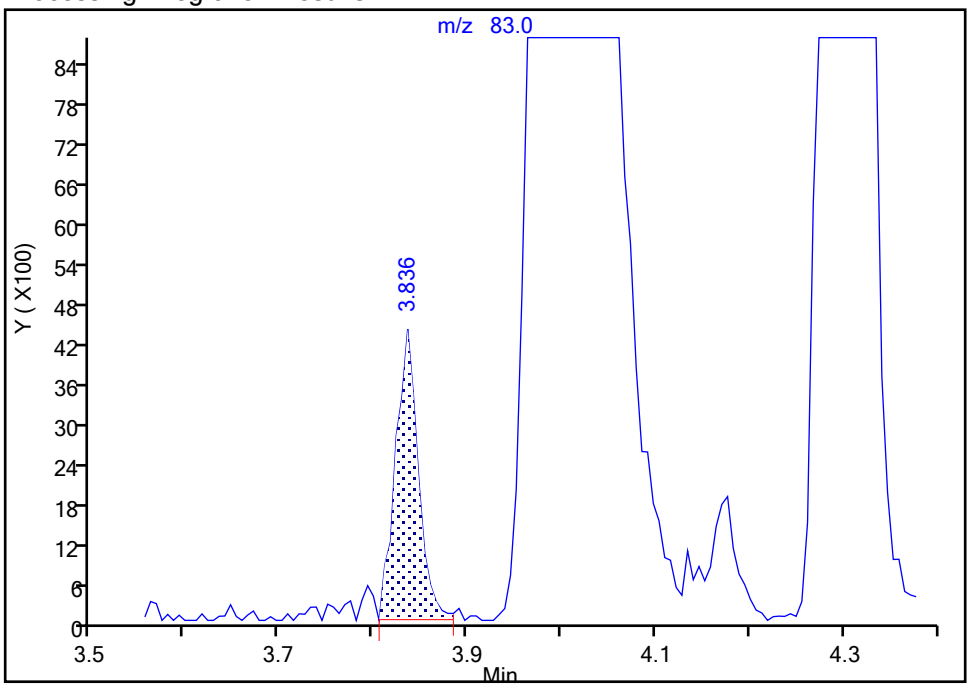
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

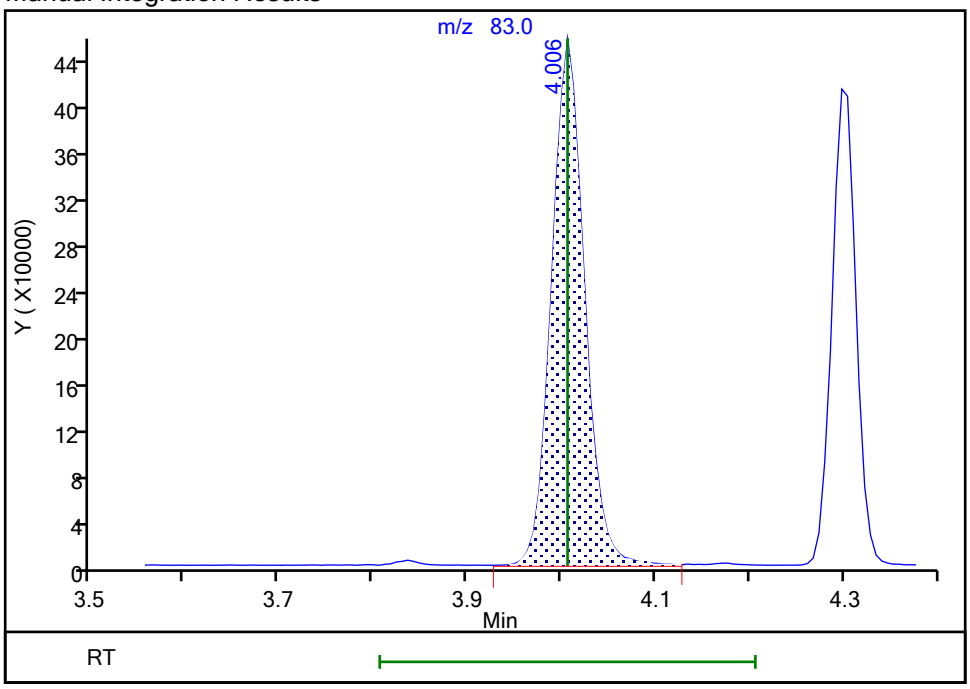
Processing Integration Results

RT: 3.84
Area: 7394
Amount: 2.410075
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 1110531
Amount: 227.7662
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:08:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

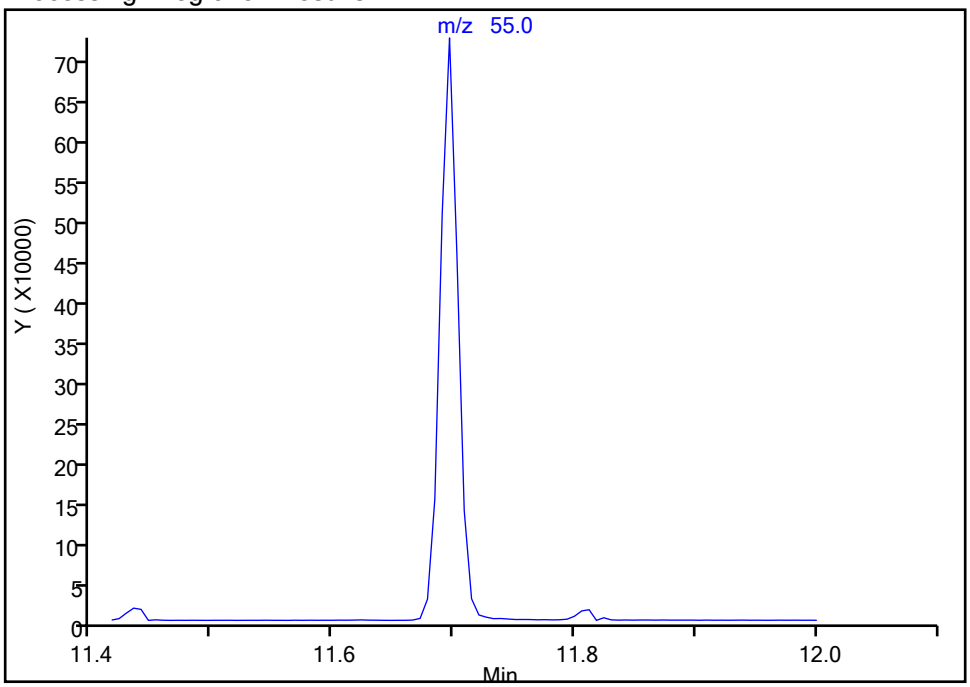
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72824.D
Injection Date: 31-Oct-2023 13:26:30 Instrument ID: CVOAMS11
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

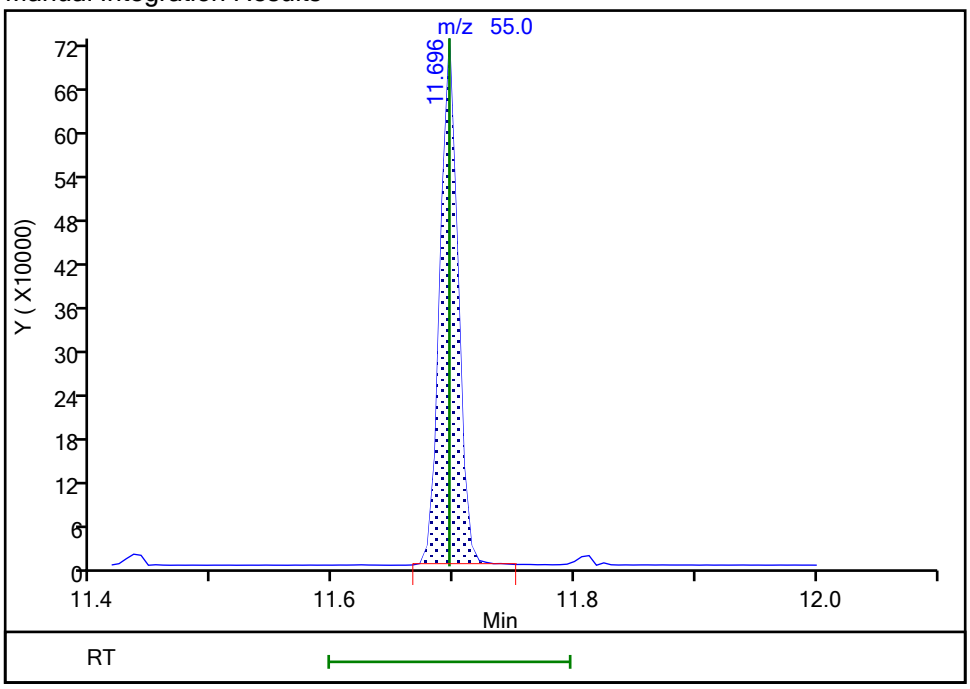
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 742363
Amount: 201.8892
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:08:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 31-Oct-2023 13:49:30 ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0168175-024
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:51:14 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: W9CM Date: 31-Oct-2023 14:48:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.819	0.825	-0.006	89	471279	500.0	502.1	
6 Chlorodifluoromethane	51	0.837	0.849	-0.012	96	3017748	500.0	376.1	
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	99	2824412	500.0	503.3	
7 Chloromethane	52	0.946	0.958	-0.012	98	683300	500.0	502.0	M
8 Vinyl chloride	62	0.995	1.007	-0.012	97	2124196	500.0	417.4	
9 Butadiene	54	1.001	1.013	-0.012	93	1916082	500.0	430.4	
10 Bromomethane	94	1.165	1.178	-0.013	99	1439826	500.0	316.1	
11 Chloroethane	64	1.178	1.190	-0.012	99	1031196	500.0	333.5	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	99	3703721	500.0	410.2	
14 Pentane	72	1.318	1.324	-0.006	97	507013	1000.0	948.8	
13 Trichlorofluoromethane	101	1.336	1.342	-0.006	97	2908461	500.0	441.5	
16 Ethyl ether	74	1.421	1.433	-0.012	96	755442	500.0	373.8	
15 Ethanol	46	1.427	1.439	-0.012	63	16674	20000	1442.8	
17 2-Methyl-1,3-butadiene	53	1.439	1.451	-0.012	89	1227068	500.0	424.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.470	1.470	0.000	89	1549458	500.0	403.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.500	0.000	93	2429378	500.0	403.9	a
20 Acrolein	56	1.500	1.518	-0.018	90	200072	400.0	391.9	
22 1,1-Dichloroethene	96	1.567	1.561	0.006	97	1613984	500.0	416.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	91	1928788	500.0	454.6	
23 Acetone	58	1.585	1.597	-0.012	88	943482	2500.0	2464.5	M
24 Iodomethane	142	1.658	1.652	0.006	97	3238732	500.0	418.2	
25 Isopropyl alcohol	45	1.670	1.676	-0.006	96	770618	5000.0	4836.5	a
26 Carbon disulfide	76	1.707	1.682	0.025	99	6226344	500.0	422.4	Ma
30 Acetonitrile	39	1.749	1.762	-0.013	78	1434034	5000.0	4254.9	
27 3-Chloro-1-propene	76	1.743	1.762	-0.019	90	1653689	500.0	536.8	
28 Methyl acetate	74	1.768	1.774	-0.006	98	511722	1000.0	794.8	
29 Cyclopentene	67	1.798	1.804	-0.006	93	3225974	500.0	441.5	
32 Methylene Chloride	84	1.829	1.835	-0.006	87	1806276	500.0	404.9	
* 31 TBA-d9 (IS)	46	1.877	1.871	0.006	96	96611	1000.0	1000.0	a
33 2-Methyl-2-propanol	59	1.920	1.944	-0.024	99	1752733	5000.0	4546.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.975	1.987	-0.012	95	5436642	5000.0	4033.3	
35 trans-1,2-Dichloroethene	96	1.987	1.993	-0.006	94	1537567	500.0	400.9	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	97	4870581	500.0	451.6	
37 Hexane	56	2.151	2.157	-0.006	90	922487	500.0	510.6	
39 1,1-Dichloroethane	63	2.248	2.254	-0.006	99	2666346	500.0	411.6	
40 Vinyl acetate	86	2.291	2.297	-0.006	100	632624	1000.0	1023.8	
38 Isopropyl ether	45	2.303	2.309	-0.006	83	4381630	500.0	445.6	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	88	1404612	500.0	437.0	
42 Tert-butyl ethyl ether	59	2.552	2.558	-0.006	89	4734463	500.0	483.7	
* 43 2-Butanone-d5	46	2.619	2.607	0.012	95	308648	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	99	1777311	500.0	420.6	
46 2-Butanone (MEK)	72	2.662	2.650	0.012	97	1008249	2500.0	2465.0	
44 2,2-Dichloropropane	79	2.668	2.656	0.012	96	893315	500.0	480.8	
47 Ethyl acetate	70	2.711	2.698	0.013	99	326389	1000.0	1037.4	
48 Methyl acrylate	55	2.729	2.717	0.012	100	1654848	500.0	466.8	
49 Propionitrile	54	2.711	2.717	-0.006	95	2243097	5000.0	4855.7	
52 Methacrylonitrile	67	2.820	2.814	0.006	87	6190979	5000.0	4590.2	
51 Chlorobromomethane	128	2.814	2.820	-0.006	88	857505	500.0	391.8	
50 Tetrahydrofuran	72	2.851	2.857	-0.006	89	443630	1000.0	1006.8	
53 Chloroform	83	2.875	2.881	-0.006	100	2651187	500.0	427.8	
$ 56 Dibromofluoromethane (Surr)	113	2.997	3.003	-0.006	97	158945	50.0	44.8	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	98	2658767	500.0	454.3	
54 Cyclohexane	84	3.057	3.057	0.000	87	2779331	500.0	532.9	
58 1,1-Dichloropropene	75	3.130	3.136	-0.006	99	2099266	500.0	479.1	
57 Carbon tetrachloride	117	3.137	3.136	0.000	97	2273720	500.0	457.1	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	170086	50.0	49.1	
59 Isobutyl alcohol	43	3.276	3.264	0.012	96	1402694	12500	13969	a
61 Benzene	78	3.295	3.295	0.000	95	6322882	500.0	453.2	
65 1,2-Dichloroethane	62	3.313	3.313	0.000	97	1947066	500.0	461.9	
60 Isooctane	57	3.380	3.368	0.012	98	3818676	500.0	561.6	
64 Isopropyl acetate	61	3.386	3.380	0.006	98	589575	500.0	507.3	a
63 Tert-amyl methyl ether	73	3.410	3.404	0.006	91	5117371	500.0	489.8	
* 67 Fluorobenzene	96	3.526	3.520	0.006	64	564109	50.0	50.0	
66 n-Heptane	43	3.526	3.520	0.006	88	1245181	500.0	528.1	
68 n-Butanol	56	3.836	3.830	0.006	38	907266	12500	13741	
69 Trichloroethene	95	3.836	3.830	0.006	99	1639823	500.0	501.7	
70 Ethyl acrylate	99	3.970	3.964	0.006	98	194087	500.0	500.2	a
71 Methylcyclohexane	83	4.006	4.006	0.000	84	2821535	500.0	550.6	a
72 1,2-Dichloropropane	63	4.037	4.037	0.000	94	1583116	500.0	487.9	
* 73 1,4-Dioxane-d8	96	4.140	4.134	0.006	31	41079	1000.0	1000.0	
76 Dibromomethane	93	4.140	4.140	0.000	98	1029827	500.0	467.7	
75 1,4-Dioxane	88	4.177	4.177	0.000	31	379945	10000	8111.8	
74 Methyl methacrylate	100	4.177	4.177	0.000	83	852717	1000.0	1069.5	
77 n-Propyl acetate	43	4.250	4.244	0.006	97	1943967	500.0	582.7	
78 Dichlorobromomethane	83	4.305	4.298	0.007	99	2153116	500.0	527.3	
79 2-Nitropropane	41	4.536	4.530	0.006	95	648706	1000.0	1105.8	
80 2-Chloroethyl vinyl ether	63	4.621	4.615	0.006	93	888760	501.2	604.9	
81 Epichlorohydrin	57	4.670	4.657	0.013	99	3211719	10000	12114	
82 cis-1,3-Dichloropropene	75	4.743	4.736	0.007	90	2753398	500.0	564.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.931	4.925	0.006	94	7394588	2500.0	2906.3	
$ 84 Toluene-d8 (Surr)	98	5.004	4.998	0.006	99	619291	50.0	52.8	
85 Toluene	91	5.071	5.071	0.000	93	6820018	500.0	504.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.333	5.333	0.000	95	2310025	500.0	540.2	
87 Ethyl methacrylate	69	5.473	5.473	0.001	87	2094264	500.0	635.9	
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	97	1217399	500.0	480.2	
89 Tetrachloroethene	166	5.649	5.643	0.006	96	1550363	500.0	480.8	
90 1,3-Dichloropropane	76	5.698	5.698	0.000	91	2344400	500.0	491.1	
91 2-Hexanone	58	5.844	5.838	0.006	94	2845995	2500.0	3060.5	
93 Chlorodibromomethane	129	5.941	5.941	0.000	98	1608146	500.0	503.8	
92 n-Butyl acetate	43	6.020	6.020	0.000	98	2042581	500.0	581.4	
94 Ethylene Dibromide	107	6.044	6.038	0.006	98	1460892	500.0	471.5	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	82	458766	50.0	50.0	
96 Chlorobenzene	112	6.635	6.634	0.001	96	4143626	500.0	477.7	
98 1,1,1,2-Tetrachloroethane	131	6.756	6.756	0.000	97	1748577	500.0	460.7	
97 Ethylbenzene	106	6.799	6.793	0.006	98	2260610	500.0	519.0	
99 m-Xylene & p-Xylene	106	6.951	6.945	0.006	0	2797456	500.0	535.2	
100 o-Xylene	106	7.432	7.431	0.001	94	3115622	500.0	568.4	
102 Styrene	104	7.456	7.450	0.006	96	4641833	500.0	565.9	
101 n-Butyl acrylate	73	7.492	7.492	0.000	98	1268824	500.0	643.1	
104 Bromoform	173	7.651	7.650	0.001	95	1071341	500.0	491.9	
103 Amyl acetate (mixed isomers)	43	7.809	7.809	0.000	91	2568235	500.0	635.2	
105 Isopropylbenzene	105	7.924	7.918	0.006	96	7873438	500.0	567.0	
$ 106 4-Bromofluorobenzene	174	8.095	8.088	0.007	91	169793	50.0	51.6	
107 Bromobenzene	156	8.253	8.247	0.006	99	1779644	500.0	480.6	
108 1,1,2,2-Tetrachloroethane	83	8.350	8.344	0.006	99	2185267	500.0	499.1	
110 1,2,3-Trichloropropane	110	8.368	8.362	0.006	99	551897	500.0	459.8	
111 trans-1,4-Dichloro-2-butene	53	8.429	8.423	0.006	91	549753	500.0	555.2	
109 N-Propylbenzene	91	8.466	8.460	0.006	99	8970051	500.0	557.3	
112 2-Chlorotoluene	91	8.533	8.526	0.007	96	5305735	500.0	541.4	
113 4-Ethyltoluene	105	8.630	8.618	0.012	99	7022099	500.0	562.8	
115 4-Chlorotoluene	91	8.685	8.679	0.006	96	5440792	500.0	528.5	
114 1,3,5-Trimethylbenzene	105	8.721	8.715	0.006	93	6717467	500.0	578.3	
116 Butyl Methacrylate	87	8.940	8.940	0.000	86	2390911	500.0	499.9	
117 tert-Butylbenzene	119	9.135	9.129	0.006	94	5595378	500.0	603.3	
118 1,2,4-Trimethylbenzene	105	9.202	9.196	0.006	97	6690791	500.0	572.6	
119 sec-Butylbenzene	105	9.409	9.403	0.007	99	7929162	500.0	573.3	
120 1,3-Dichlorobenzene	146	9.488	9.482	0.006	96	3304363	500.0	483.1	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	254156	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.597	9.591	0.006	95	3290136	500.0	460.6	
121 4-Isopropyltoluene	119	9.603	9.597	0.006	98	6643859	500.0	549.5	
124 1,2,3-Trimethylbenzene	105	9.682	9.676	0.006	98	7346940	500.0	560.6	
125 Benzyl chloride	126	9.774	9.768	0.006	99	894916	500.0	597.8	
126 2,3-Dihydroindene	117	9.877	9.871	0.006	94	6595782	500.0	546.2	
129 1,2-Dichlorobenzene	146	9.987	9.980	0.007	96	3447254	500.0	484.3	
127 p-Diethylbenzene	119	10.017	10.011	0.006	92	3814121	500.0	566.5	
128 n-Butylbenzene	92	10.041	10.035	0.006	97	3176355	500.0	543.5	
131 1,2-Dibromo-3-Chloropropane	157	10.747	10.747	0.000	98	509800	500.0	521.9	
130 1,2,4,5-Tetramethylbenzene	119	10.753	10.753	0.000	97	7022843	500.0	499.8	
132 1,3,5-Trichlorobenzene	180	10.930	10.923	0.007	97	2602018	500.0	519.9	
133 1,2,4-Trichlorobenzene	180	11.441	11.440	0.001	94	2440385	500.0	566.4	
134 Hexachlorobutadiene	225	11.599	11.593	0.006	90	642768	500.0	480.4	
135 Naphthalene	128	11.623	11.623	0.000	99	6807147	500.0	500.2	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	91	2504985	500.0	499.8	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	95	2072056	500.0	510.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		1000.0	821.5	
S 138 Xylenes, Total	100				0		1000.0	1103.6	
S 139 Total BTEX	1				0		2500.0	2580.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00454	Amount Added:	50.00	Units: uL	
ACROLEIN W_00161	Amount Added:	40.00	Units: uL	
MIX I Hi_00169	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00141	Amount Added:	50.00	Units: uL	
Ethanol mix_00082	Amount Added:	50.00	Units: uL	
7 Freons Hi_00007	Amount Added:	50.00	Units: uL	
EthyhexAcr_Hi_00004	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 31-Oct-2023 20:51:15 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11 Operator ID:

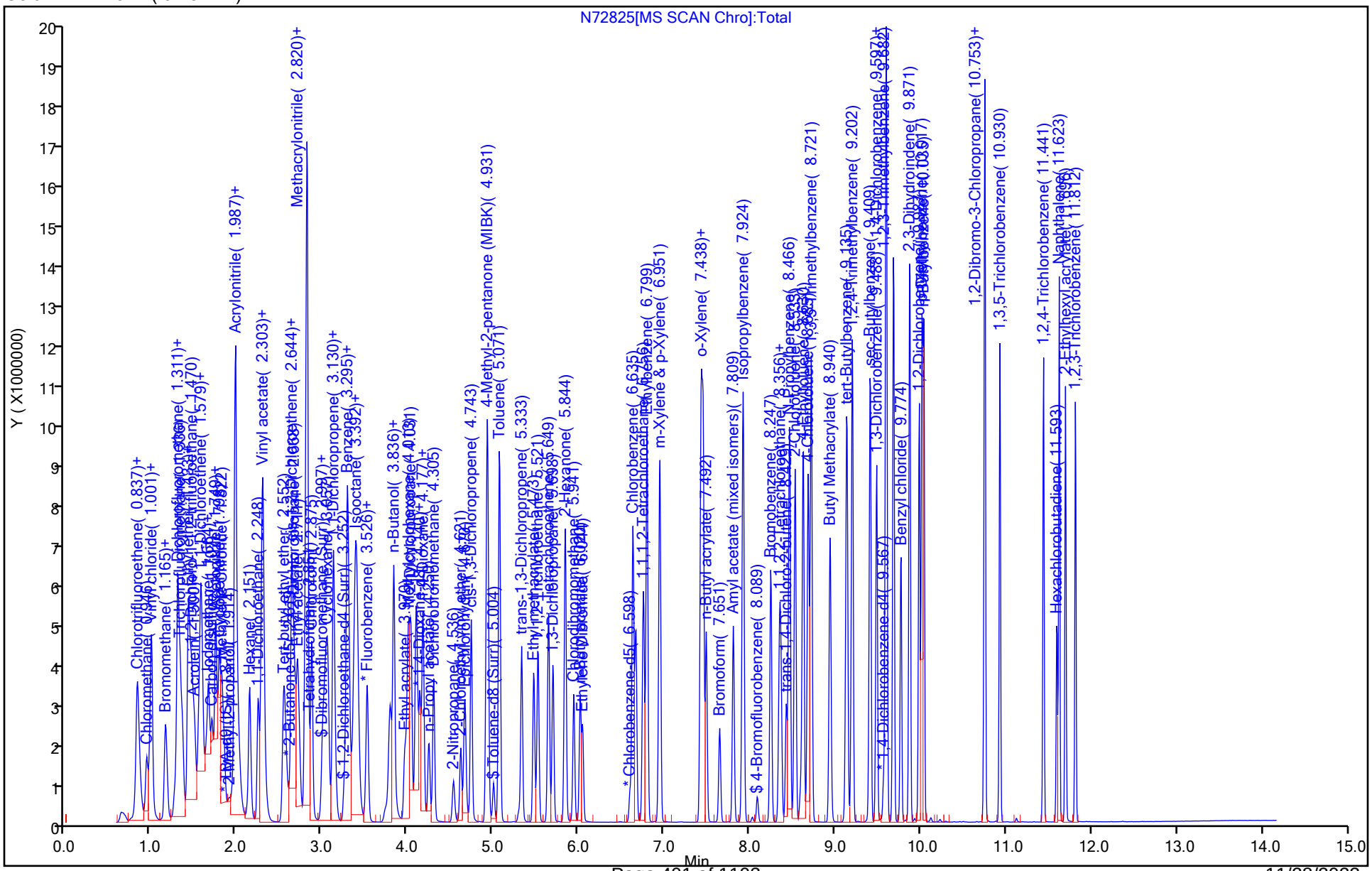
Lims ID: STD500 Worklist Smp#: 24

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 32

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

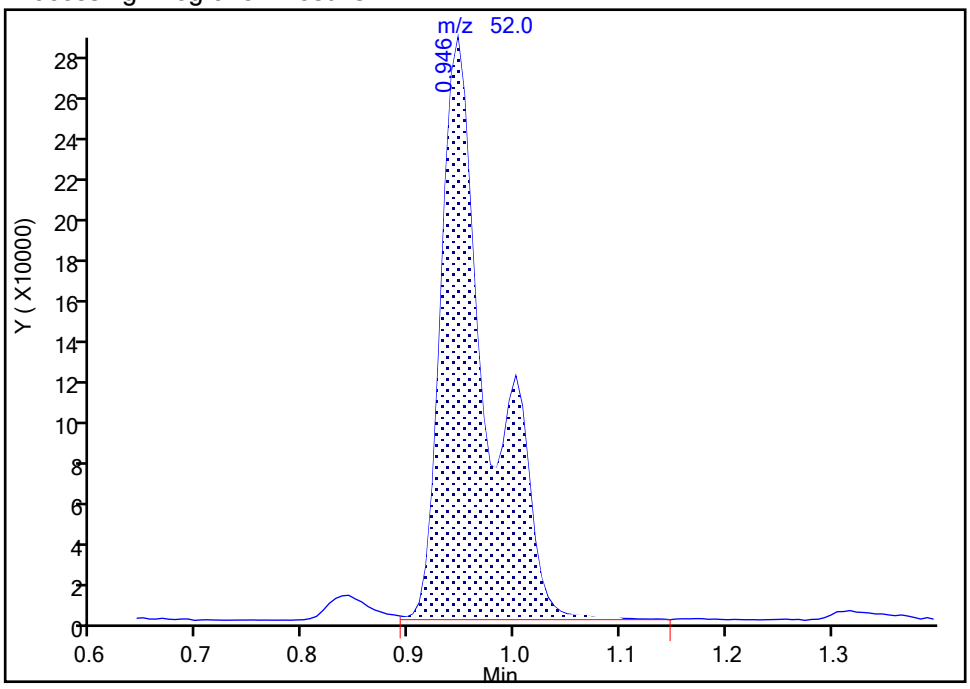
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

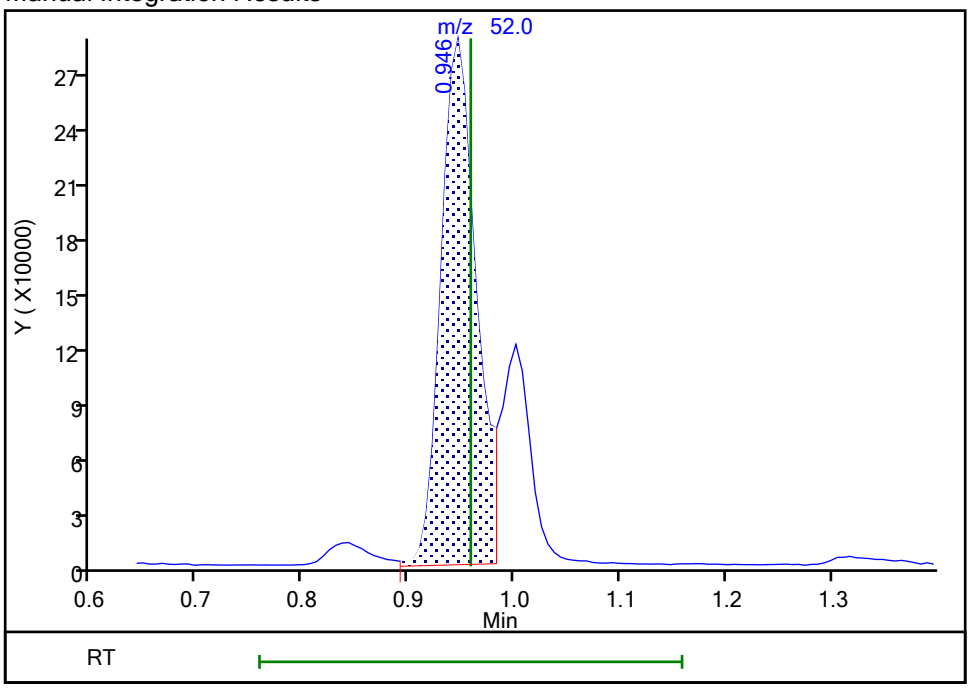
Processing Integration Results

RT: 0.95
Area: 902131
Amount: 468.0975
Amount Units: ug/l



Manual Integration Results

RT: 0.95
Area: 683300
Amount: 501.9769
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:09:11 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

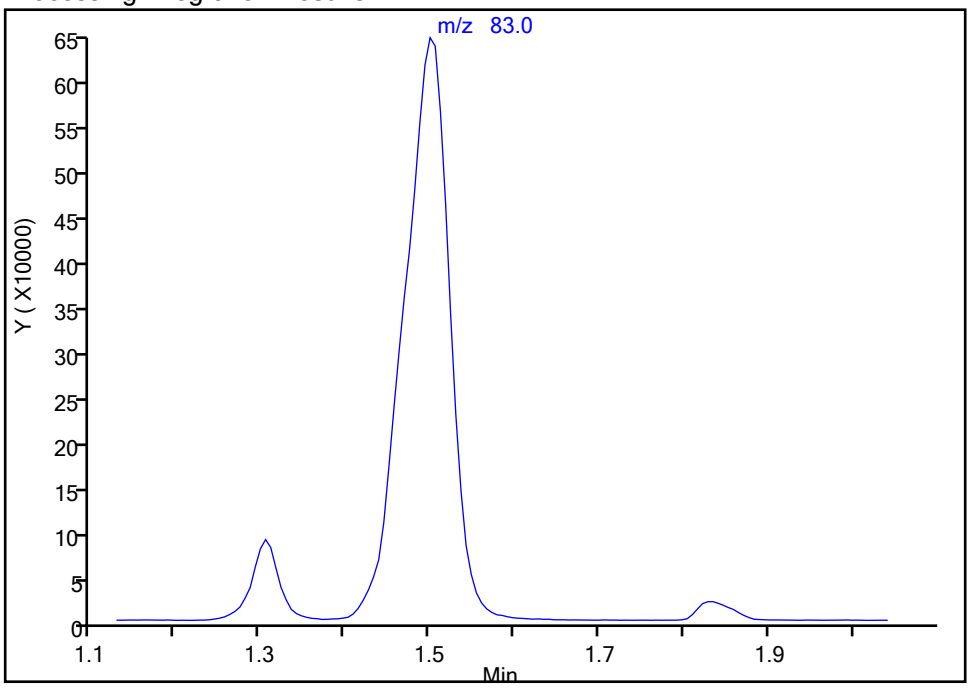
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

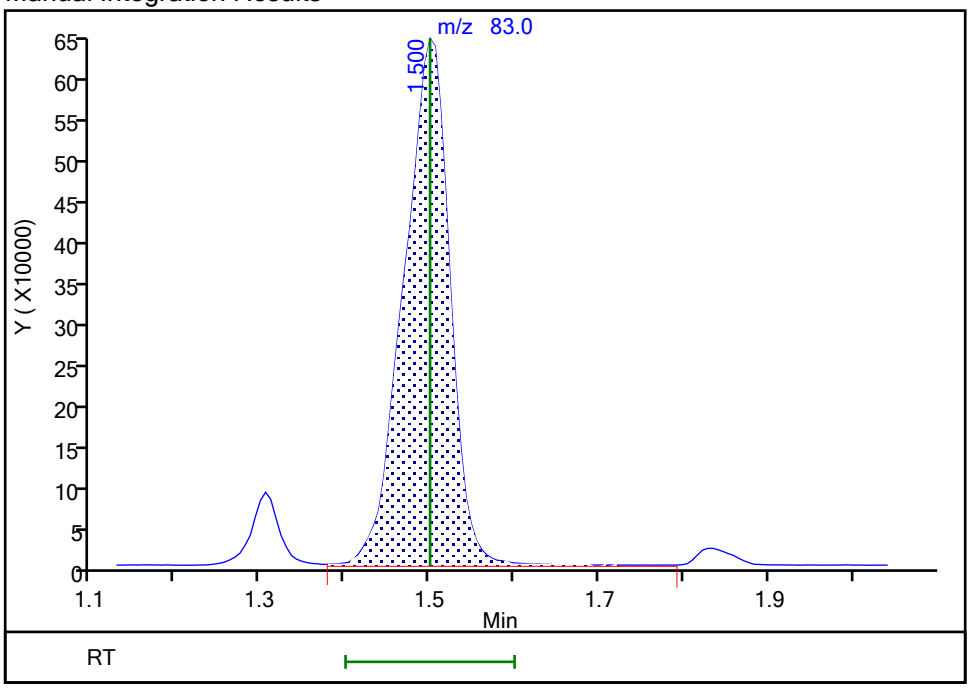
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.50
Area: 2429378
Amount: 403.9417
Amount Units: ug/l



Reviewer: PUV6, 31-Oct-2023 15:15:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

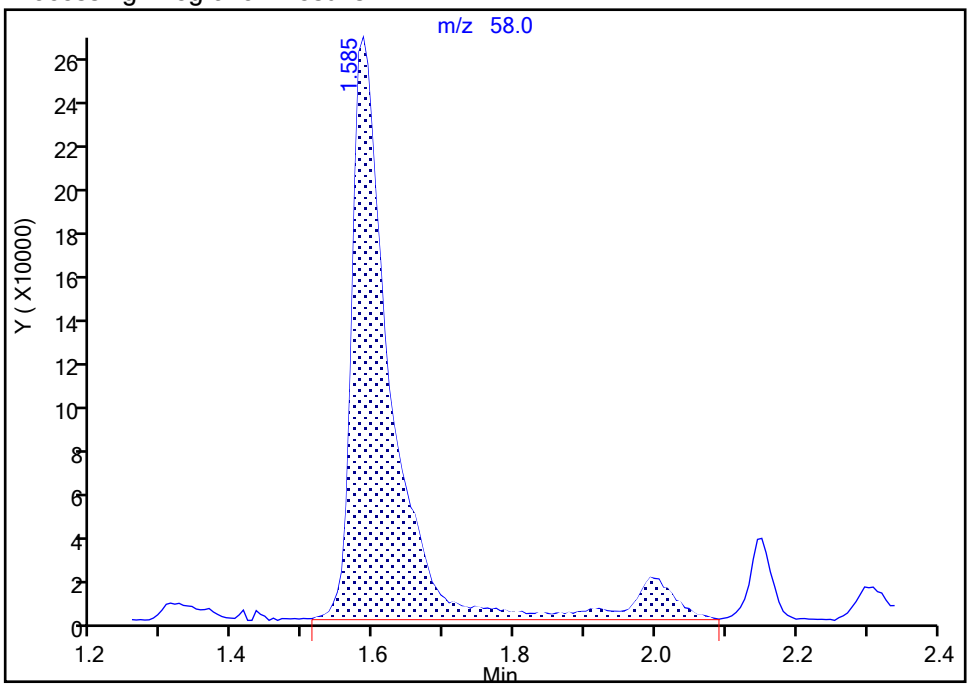
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

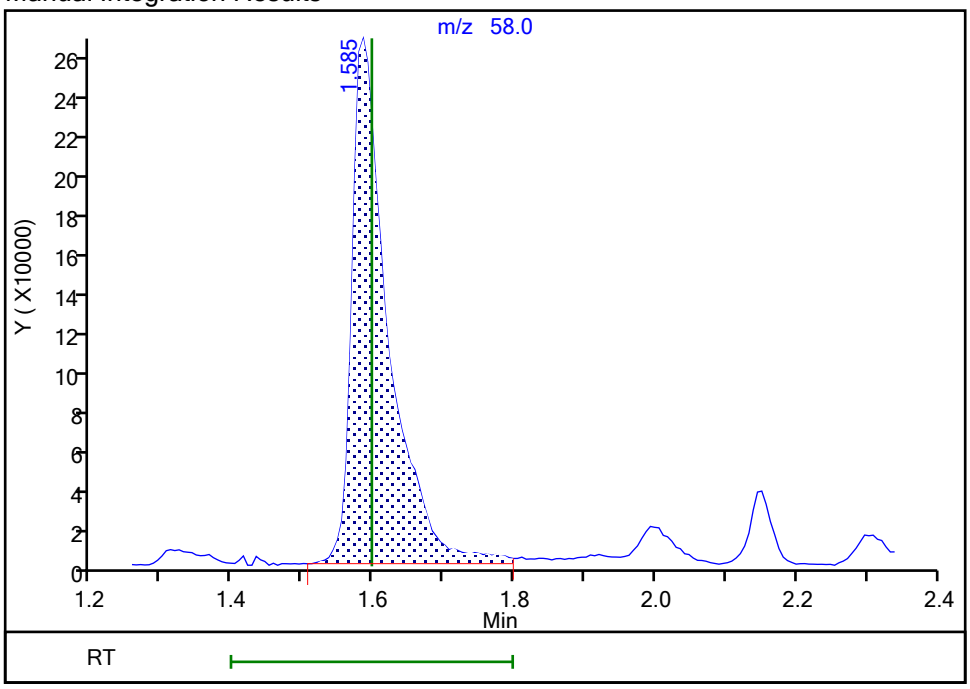
Processing Integration Results

RT: 1.59
Area: 1044304
Amount: 2680.8358
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 943482
Amount: 2464.5402
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:25:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

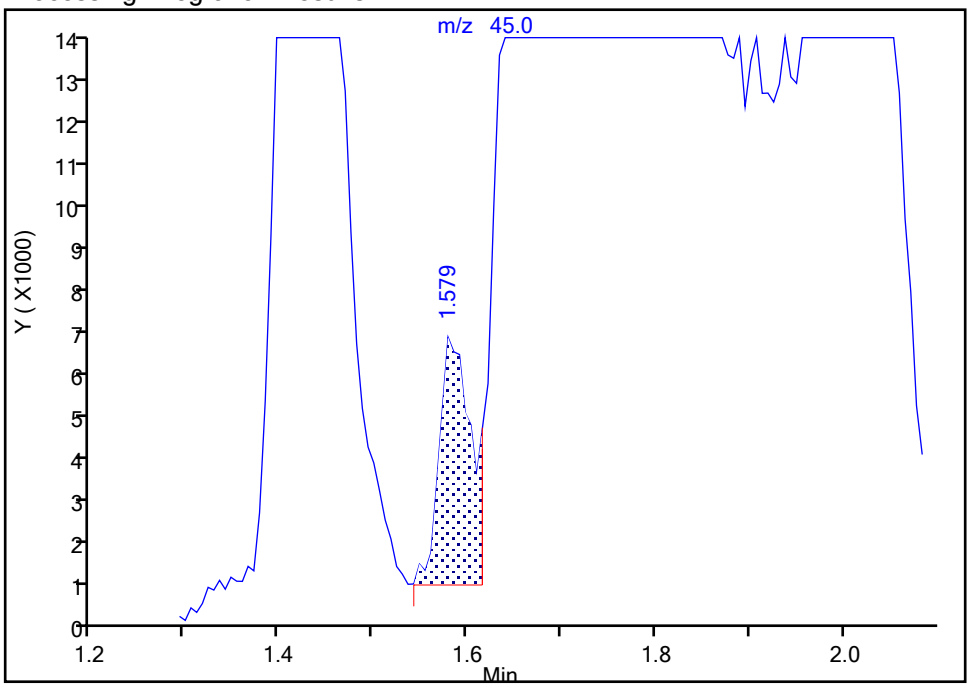
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

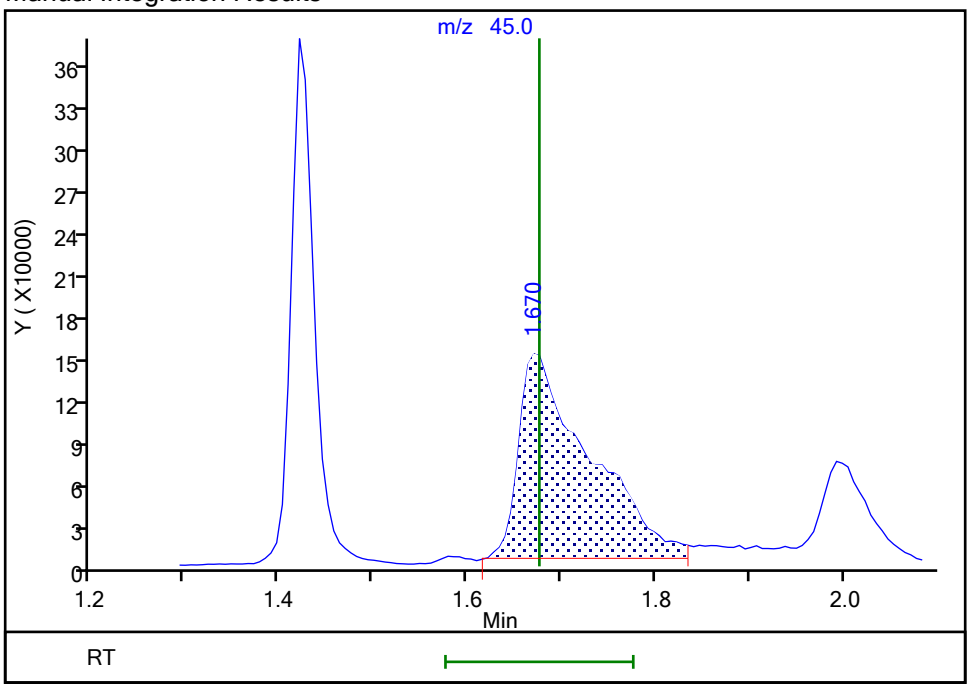
Processing Integration Results

RT: 1.58
Area: 13483
Amount: 107.9507
Amount Units: ug/l



Manual Integration Results

RT: 1.67
Area: 770618
Amount: 4836.5225
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:09:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

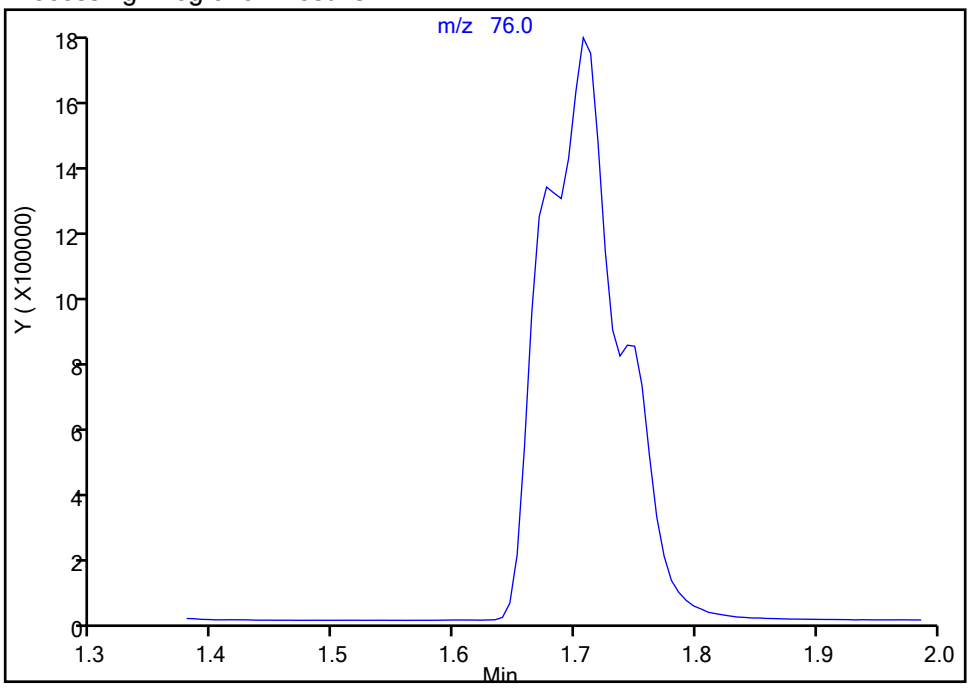
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

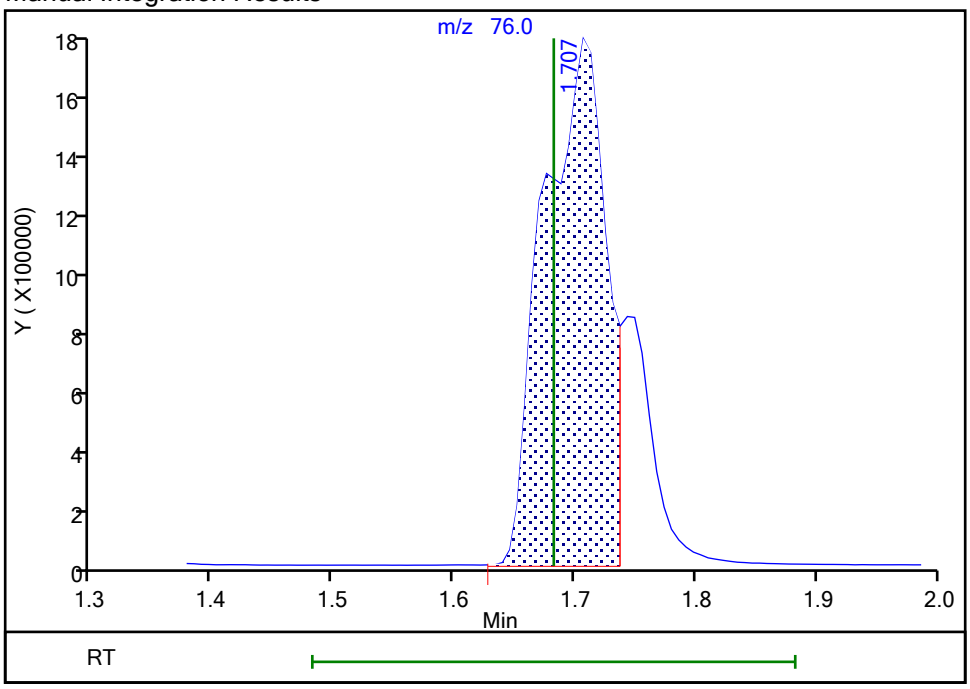
Not Detected
Expected RT: 1.68

Processing Integration Results



Manual Integration Results

RT: 1.71
Area: 6226344
Amount: 422.4475
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:09:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

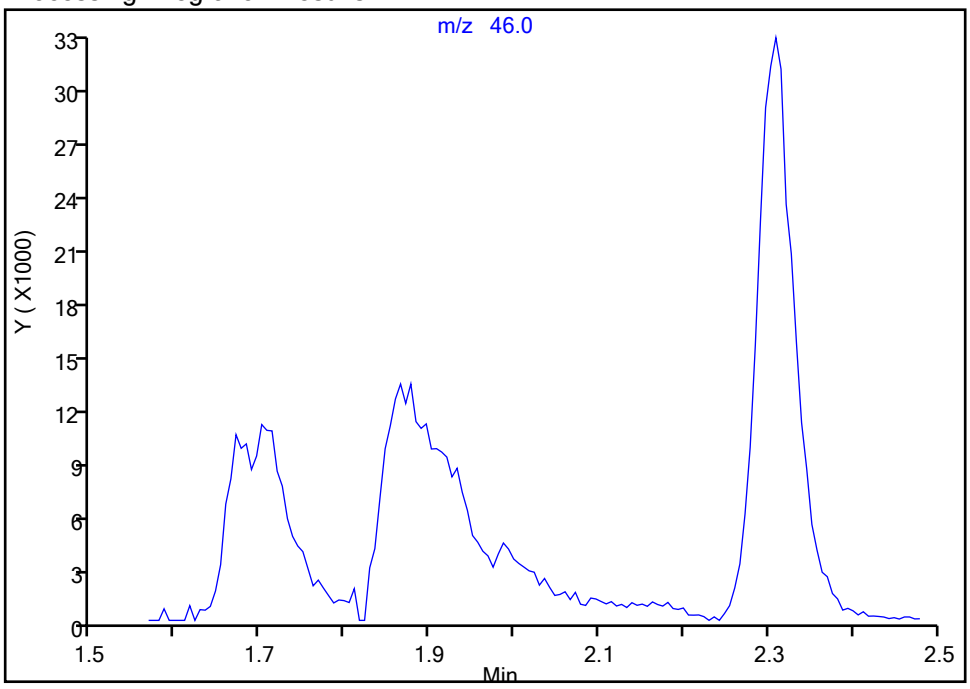
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

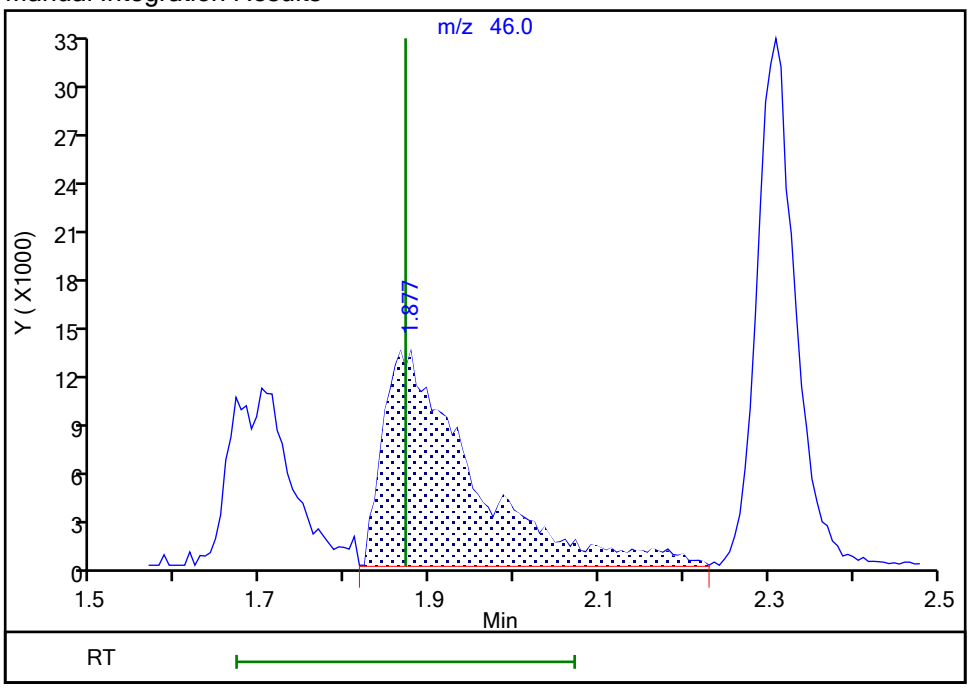
Not Detected
Expected RT: 1.87

Processing Integration Results



Manual Integration Results

RT: 1.88
Area: 96611
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:47:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

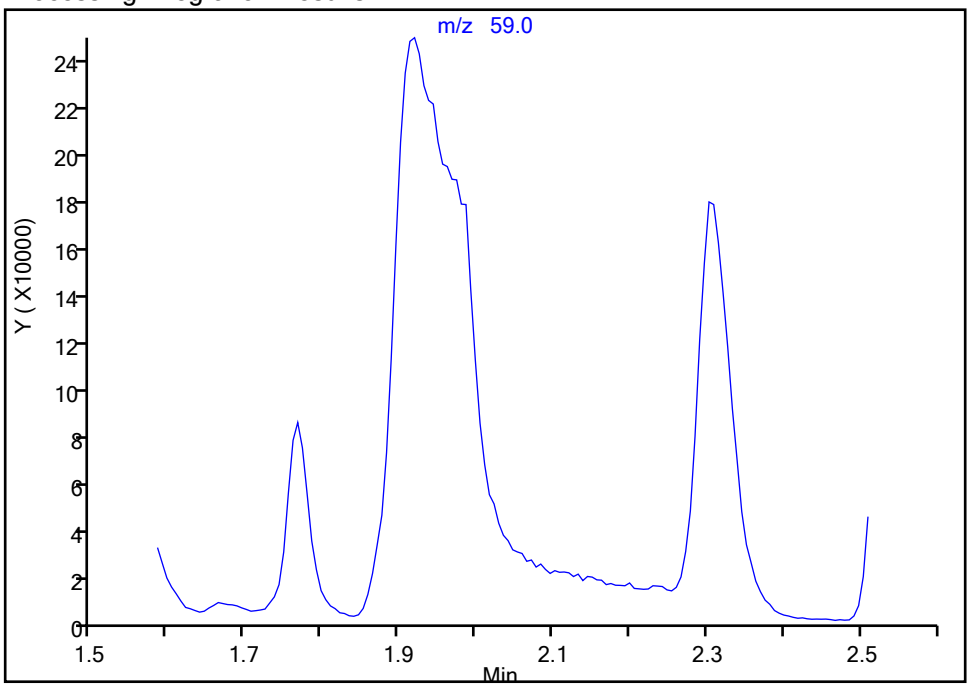
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

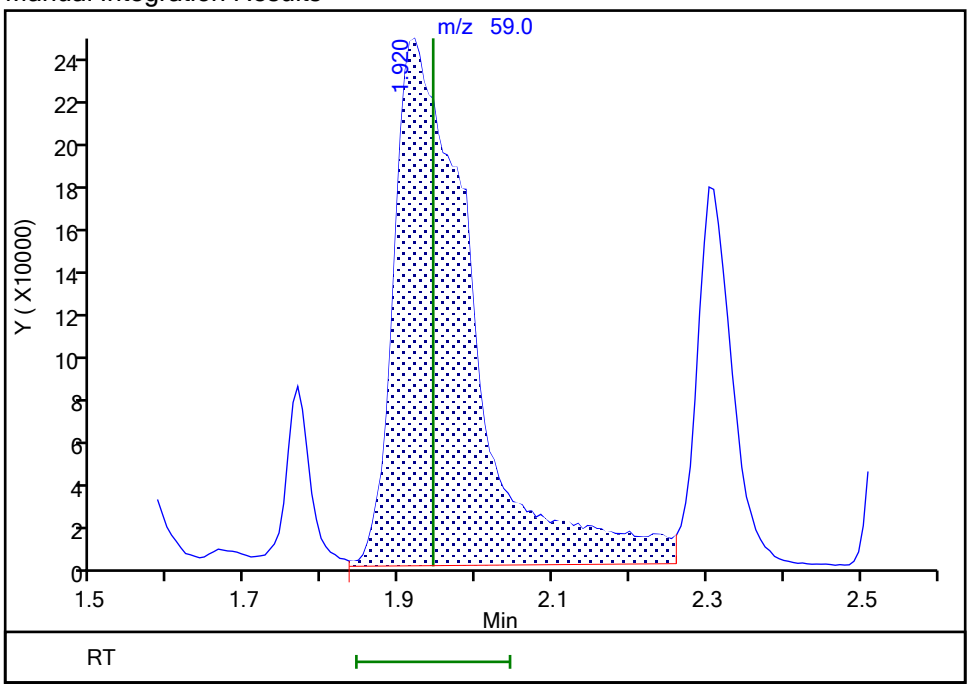
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 1752733
Amount: 4546.3110
Amount Units: ug/l



Reviewer: PUV6, 31-Oct-2023 15:16:15 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

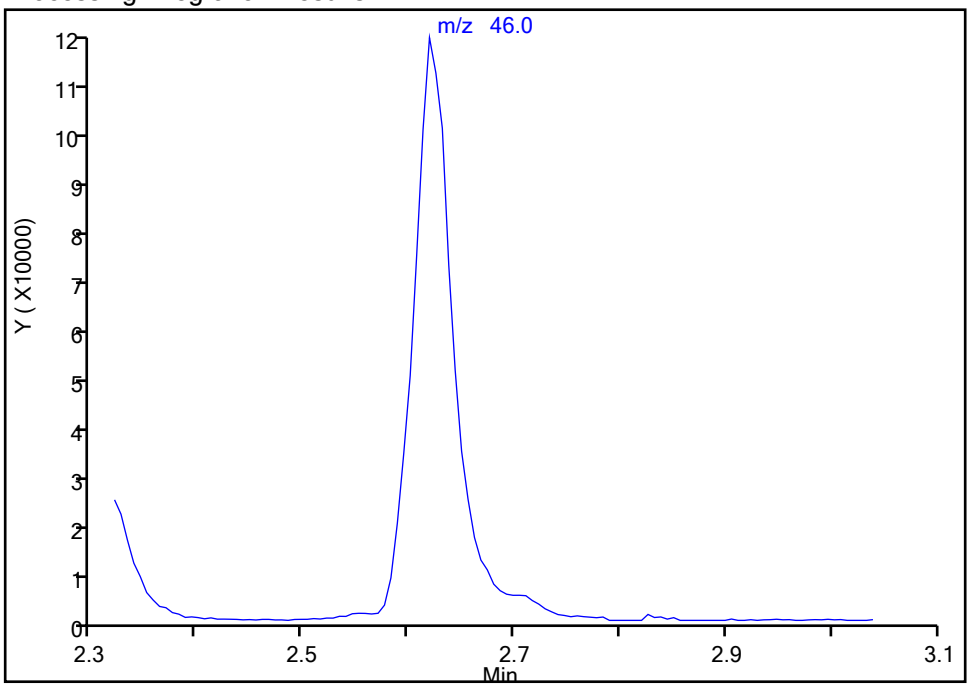
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

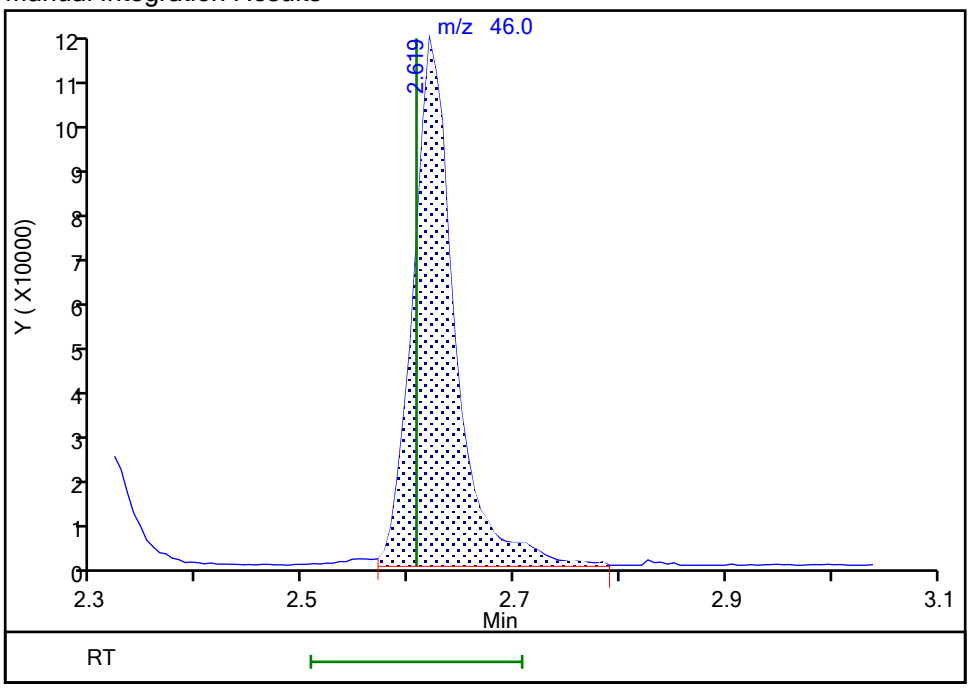
Not Detected
Expected RT: 2.61

Processing Integration Results



Manual Integration Results

RT: 2.62
Area: 308648
Amount: 250.0000
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 14:47:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

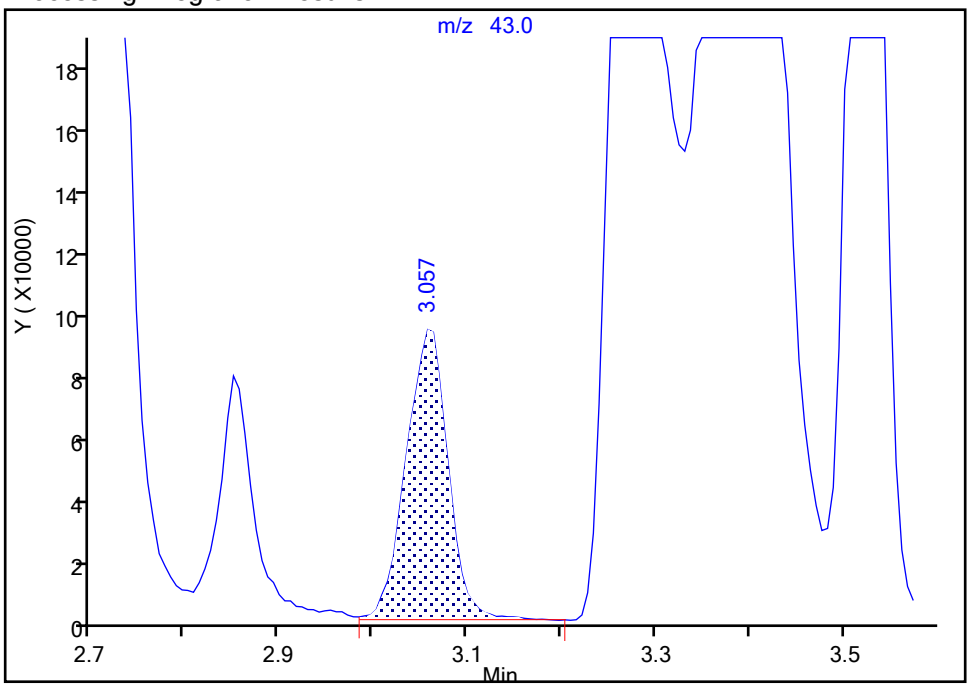
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

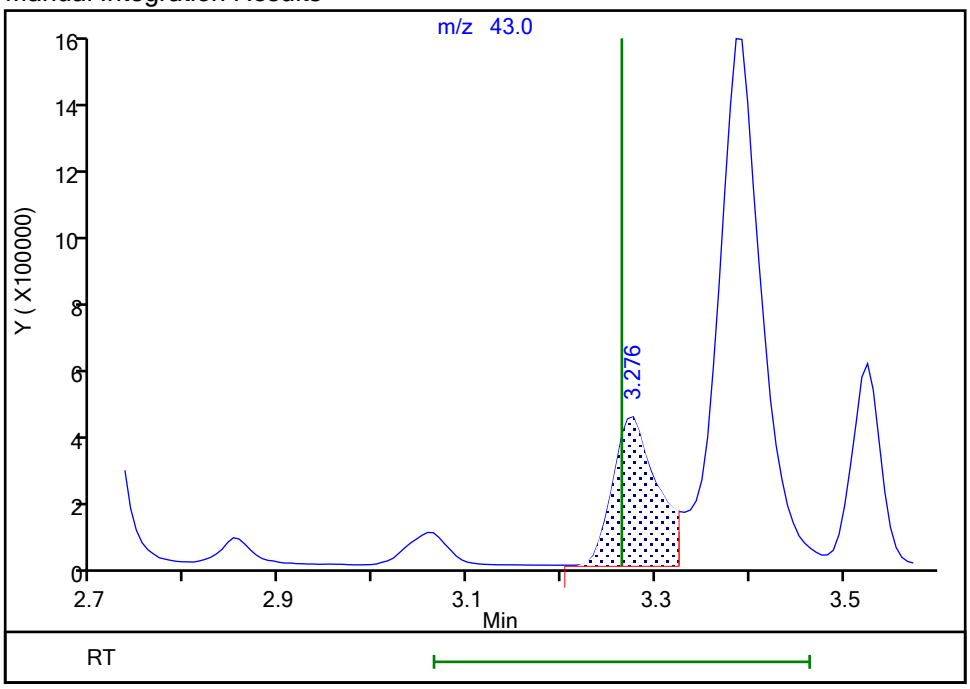
Processing Integration Results

RT: 3.06
Area: 288875
Amount: 3376.0306
Amount Units: ug/l



Manual Integration Results

RT: 3.28
Area: 1402694
Amount: 13969
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:22:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

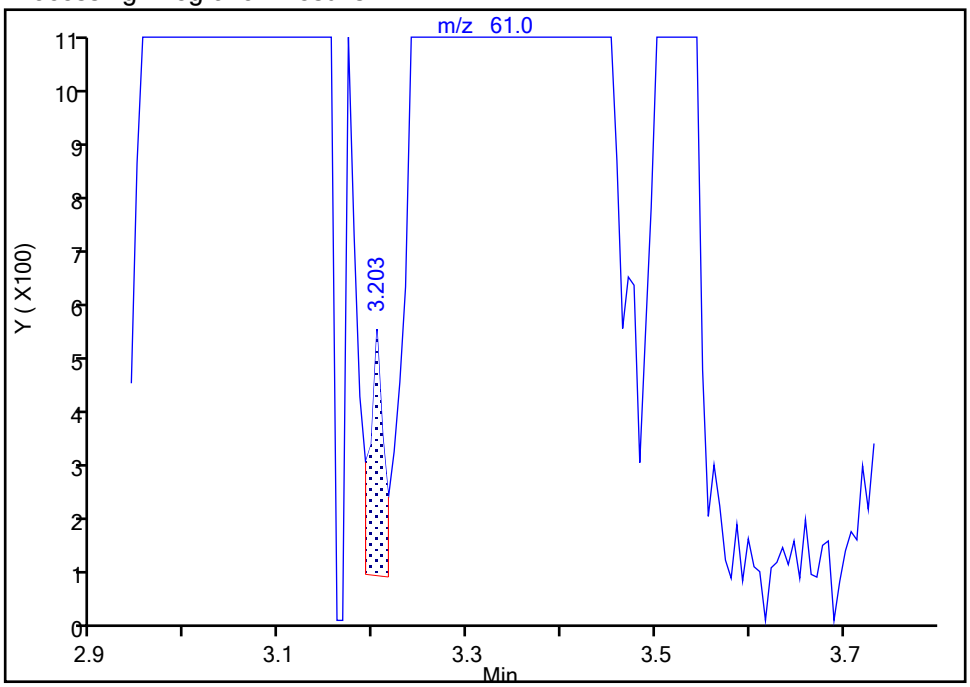
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

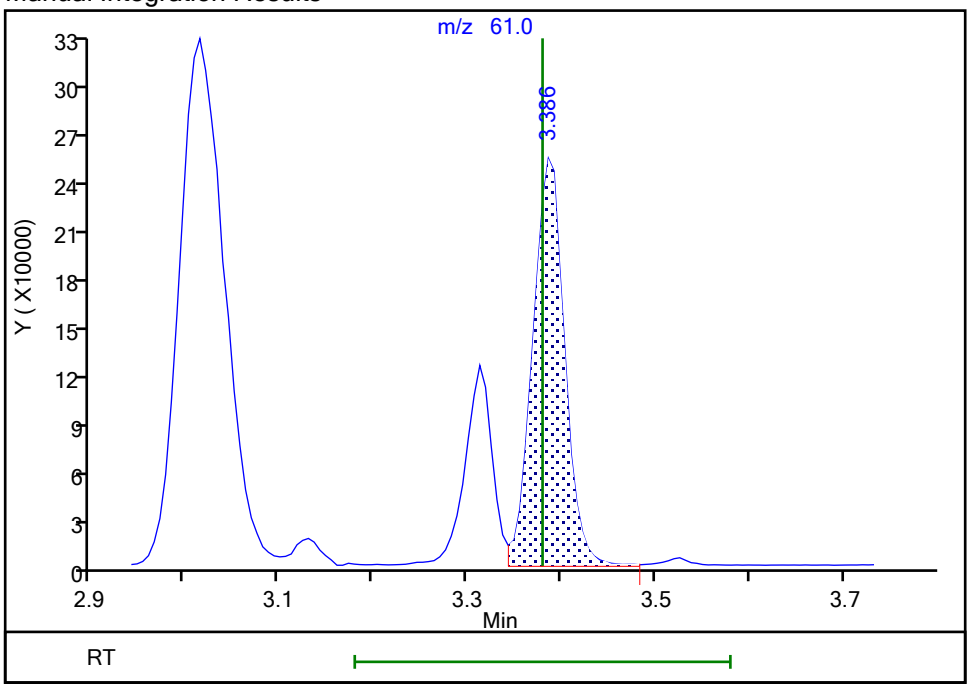
Processing Integration Results

RT: 3.20
Area: 476
Amount: 0.492857
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 589575
Amount: 507.3079
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:25:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

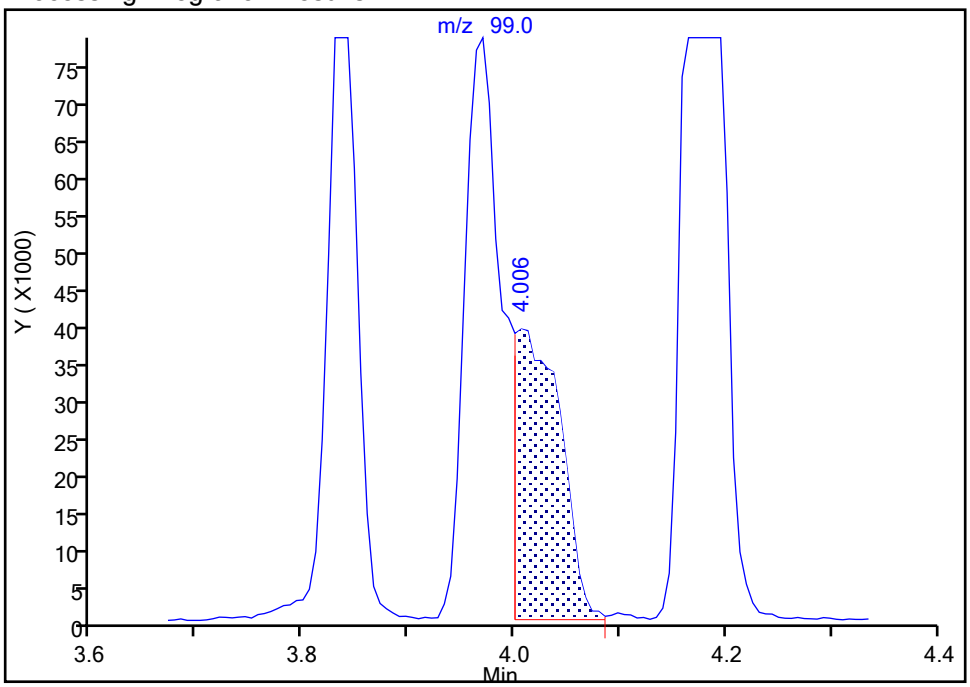
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

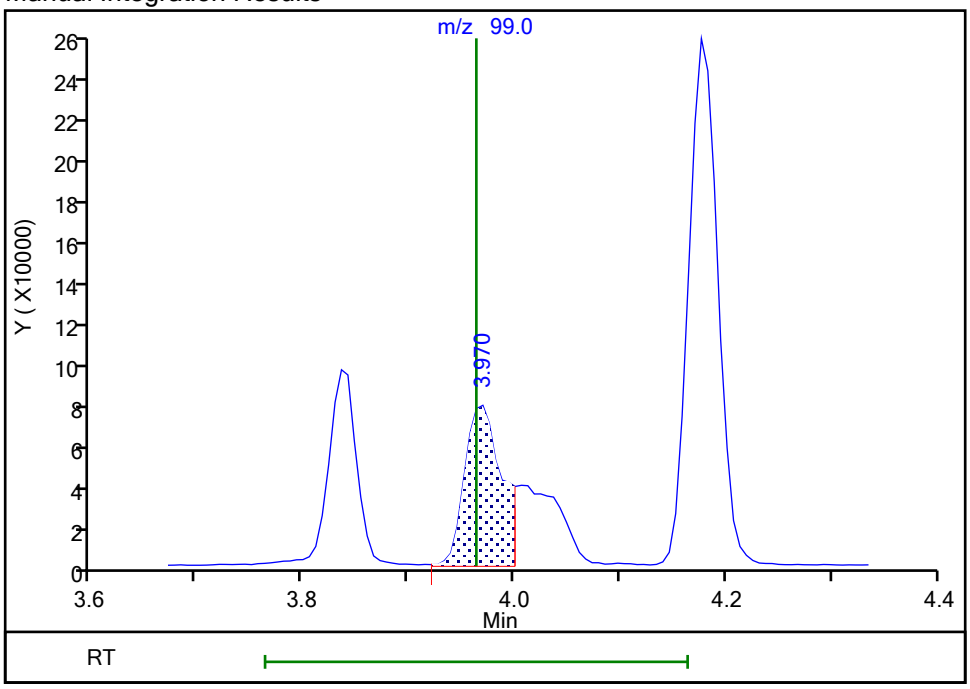
Processing Integration Results

RT: 4.01
Area: 120165
Amount: 499.5820
Amount Units: ug/l



Manual Integration Results

RT: 3.97
Area: 194087
Amount: 500.2154
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:09:59 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

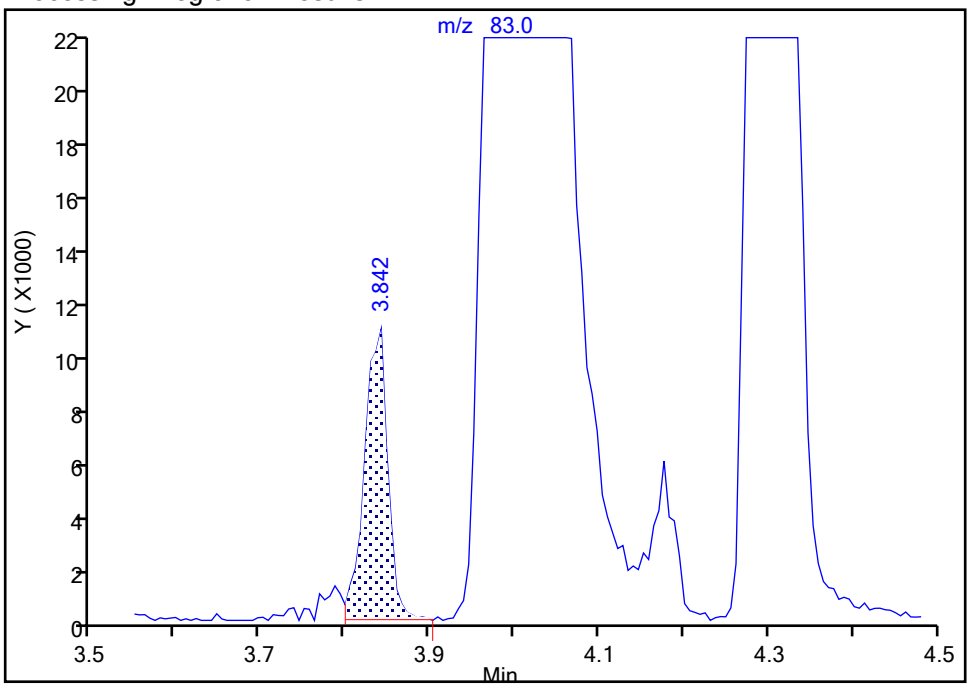
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

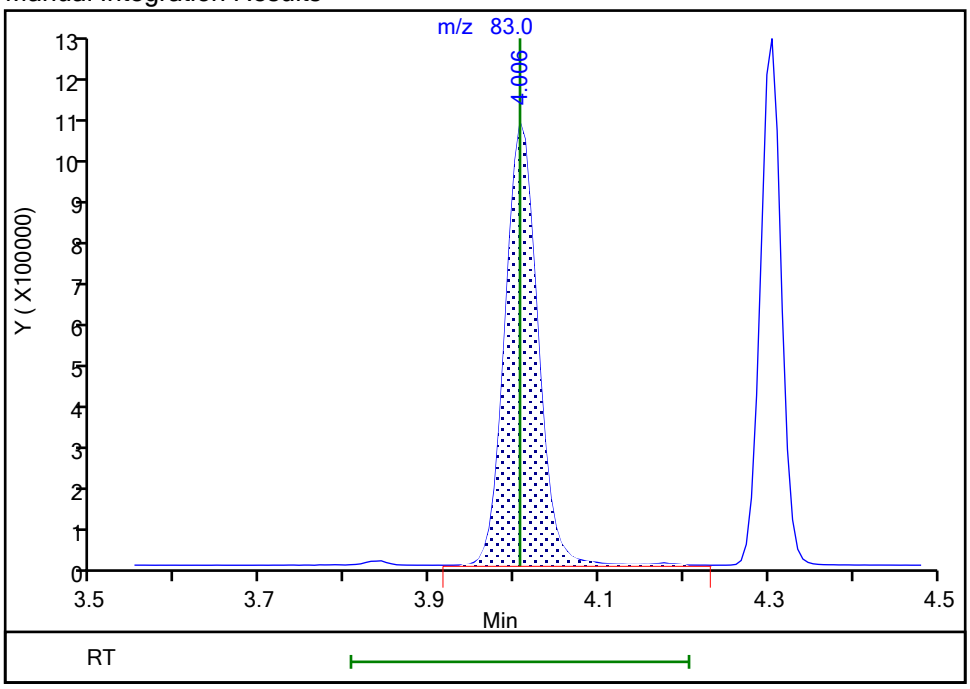
Processing Integration Results

RT: 3.84
Area: 20205
Amount: 4.821789
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 2821535
Amount: 550.6368
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:10:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison

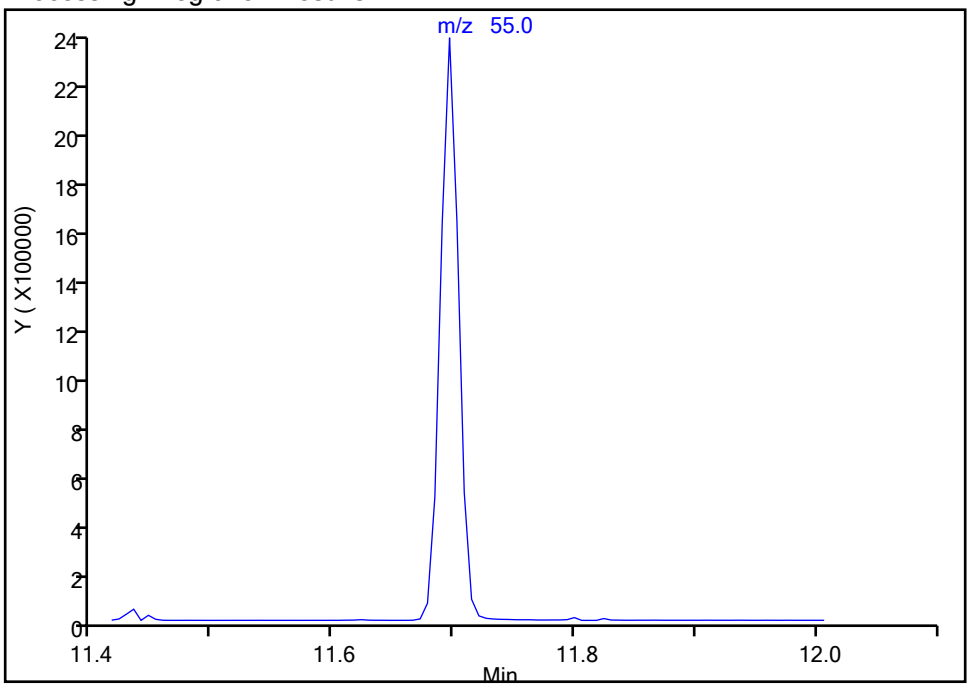
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D
Injection Date: 31-Oct-2023 13:49:30 Instrument ID: CVOAMS11
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 32 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

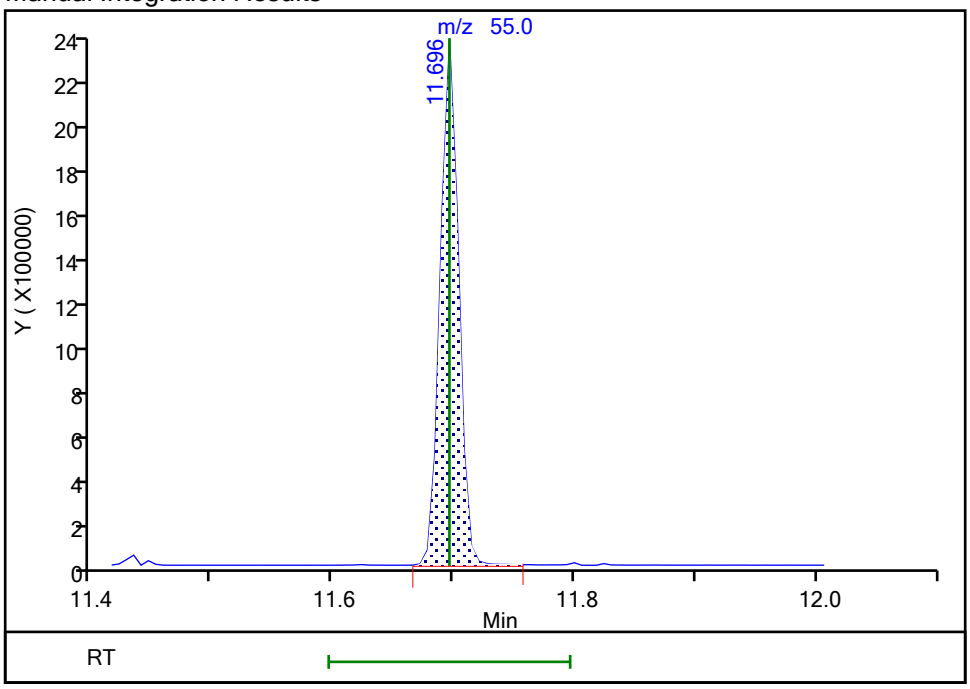
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 2504985
Amount: 499.7985
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 17:10:28 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

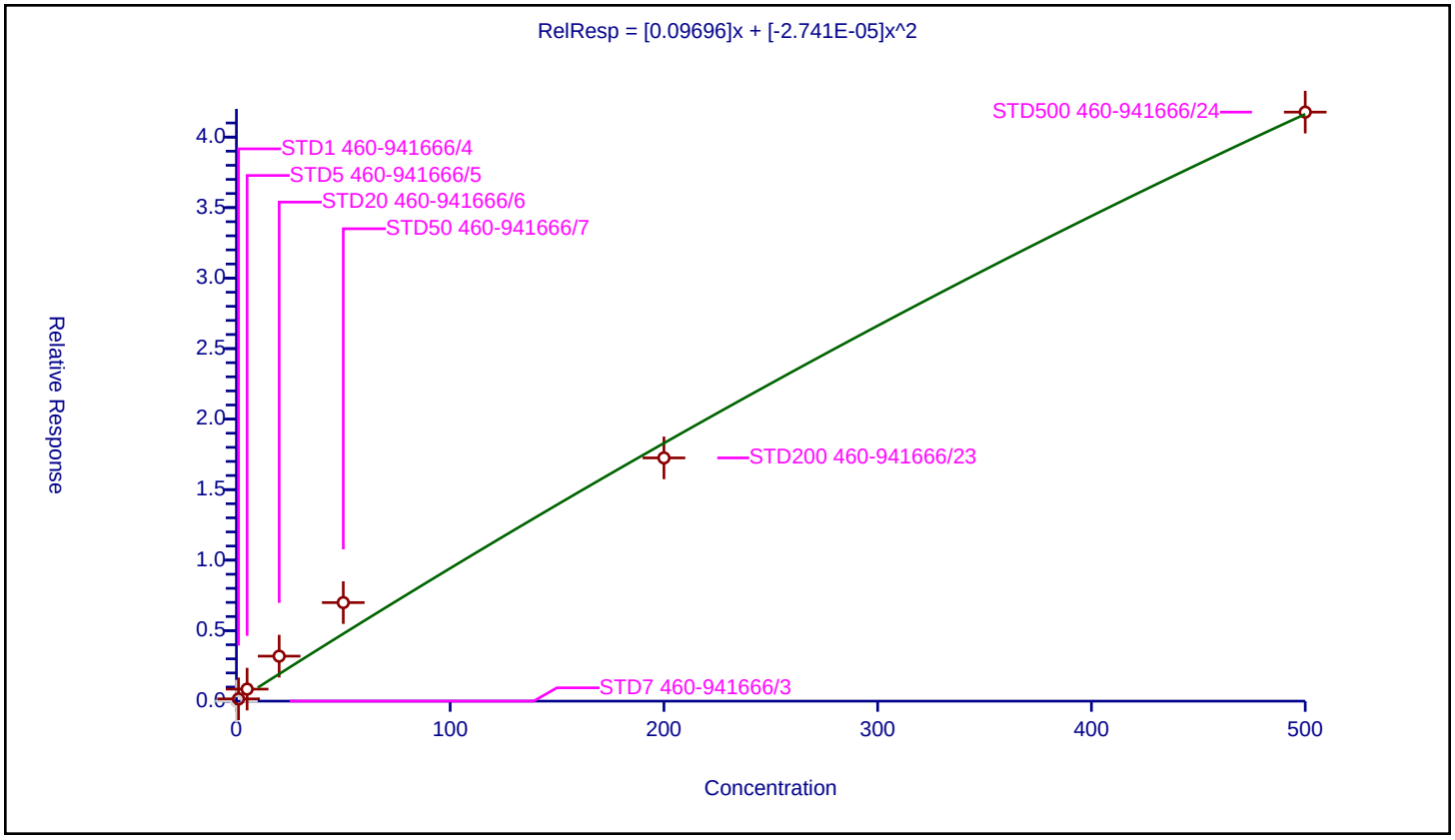
Curve Coefficients

Intercept:	0
Slope:	0.09696
Second Order:	-2.741E-05

Error Coefficients

Standard Error:	256000
Relative Standard Error:	65.3
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.162346	50.0	469984.0	0.162346	Y
3	STD5 460-941666/5	5.0	0.853408	50.0	459335.0	0.170682	Y
4	STD20 460-941666/6	20.0	3.191017	50.0	456892.0	0.159551	Y
5	STD50 460-941666/7	50.0	6.989771	50.0	446760.0	0.139795	Y
6	STD200 460-941666/23	200.0	17.249448	50.0	536765.0	0.086247	Y
7	STD500 460-941666/24	500.0	41.77198	50.0	564109.0	0.083544	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

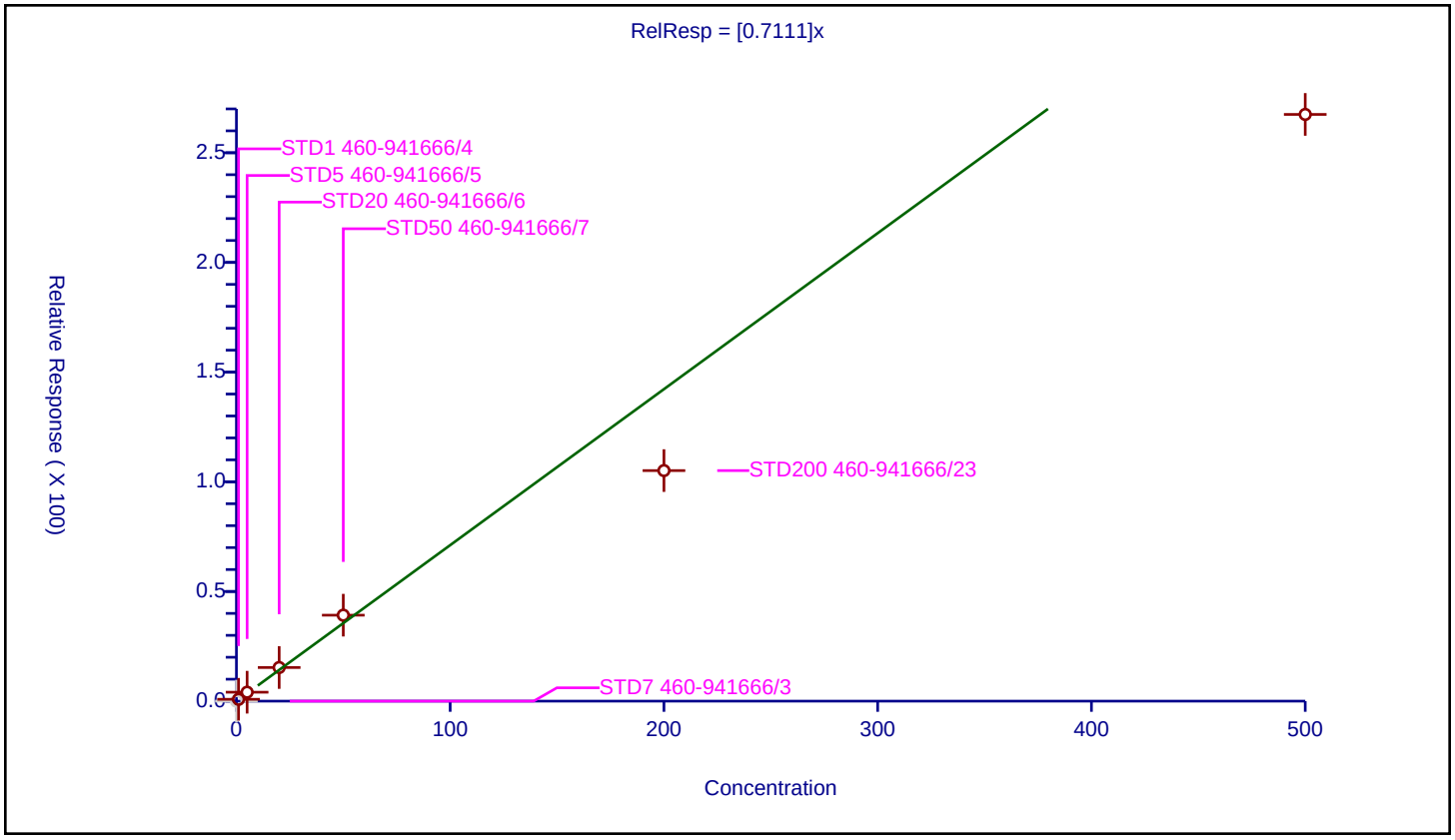
Curve Coefficients

Intercept:	0
Slope:	0.7111

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	20.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.951

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.841518	50.0	469984.0	0.841518	Y
3	STD5 460-941666/5	5.0	4.07328	50.0	459335.0	0.814656	Y
4	STD20 460-941666/6	20.0	15.329006	50.0	456892.0	0.76645	Y
5	STD50 460-941666/7	50.0	39.186476	50.0	446760.0	0.78373	Y
6	STD200 460-941666/23	200.0	105.106984	50.0	536765.0	0.525535	Y
7	STD500 460-941666/24	500.0	267.479157	50.0	564109.0	0.534958	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

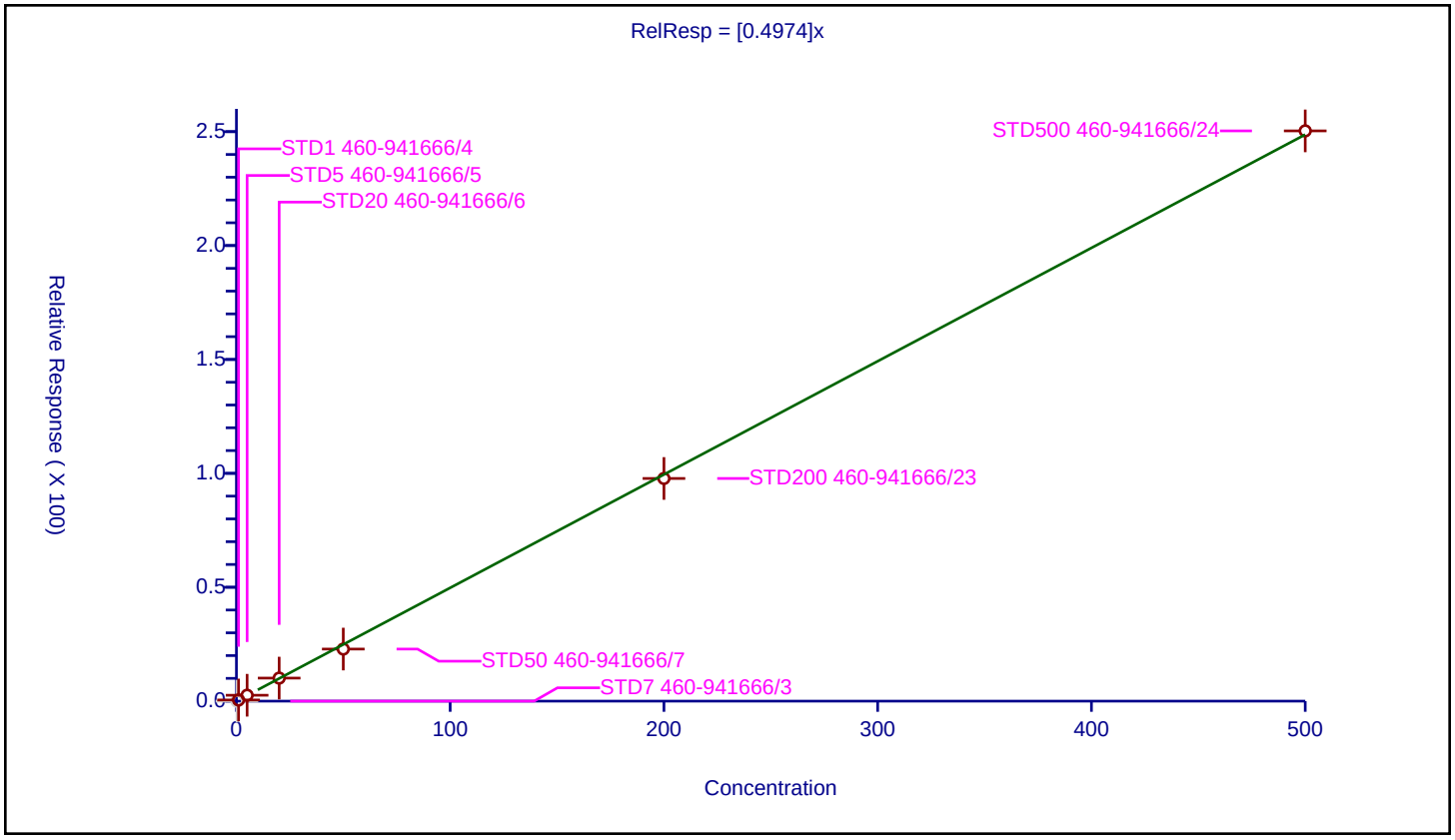
Curve Coefficients

Intercept:	0
Slope:	0.4974

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.513741	50.0	469984.0	0.513741	Y
3	STD5 460-941666/5	5.0	2.59179	50.0	459335.0	0.518358	Y
4	STD20 460-941666/6	20.0	10.115739	50.0	456892.0	0.505787	Y
5	STD50 460-941666/7	50.0	22.863282	50.0	446760.0	0.457266	Y
6	STD200 460-941666/23	200.0	97.755442	50.0	536765.0	0.488777	Y
7	STD500 460-941666/24	500.0	250.342753	50.0	564109.0	0.500686	Y



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Calibration / Chloromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

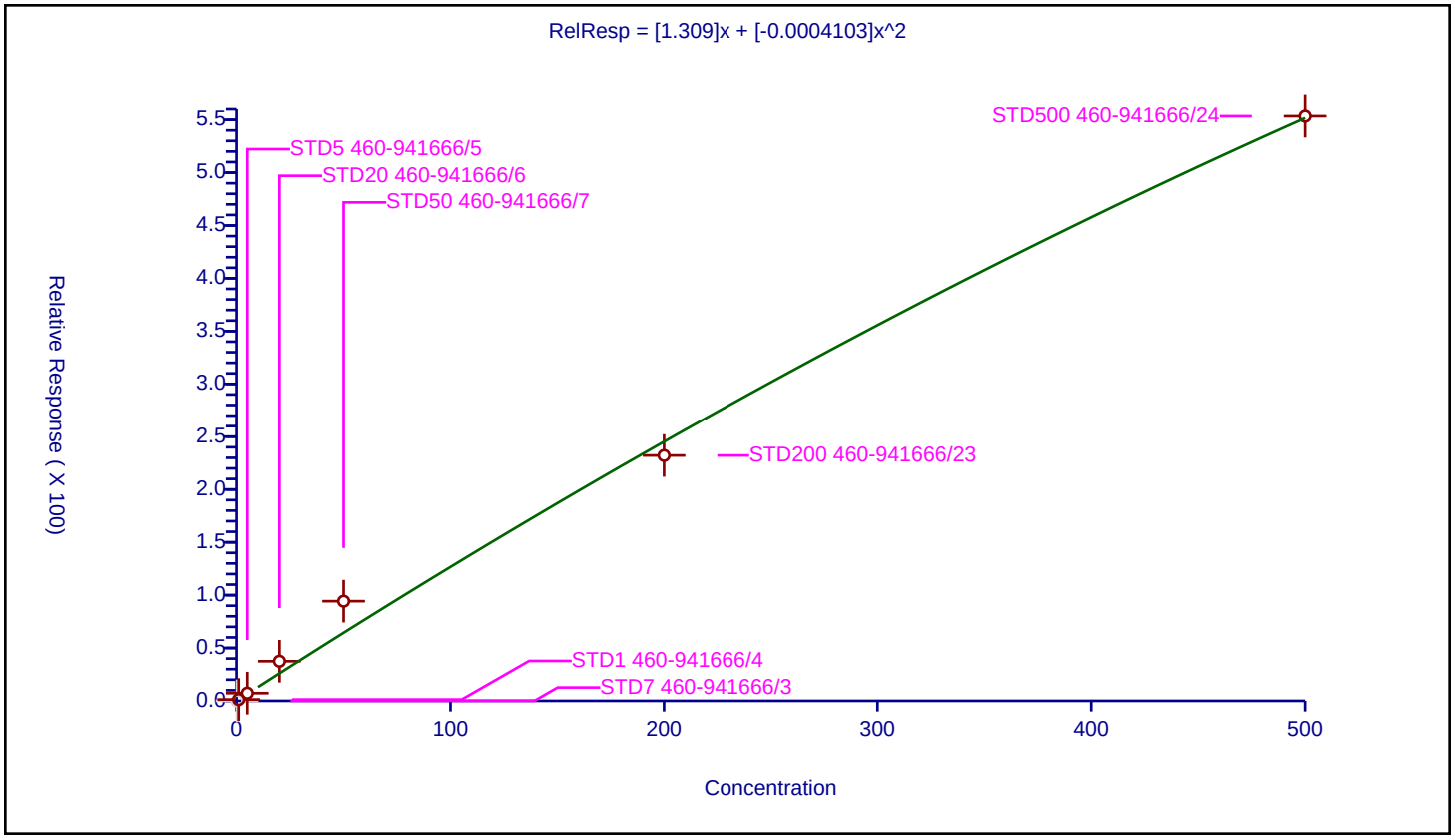
Curve Coefficients

Intercept:	0
Slope:	1.309
Second Order:	-0.0004103

Error Coefficients

Standard Error:	368000
Relative Standard Error:	33.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	250.0	274427.0	0.0	N
2	STD1 460-941666/4	1.0	1.275822	250.0	257677.0	1.275822	Y
3	STD5 460-941666/5	5.0	7.270691	250.0	258091.0	1.454138	Y
4	STD20 460-941666/6	20.0	37.452993	250.0	255013.0	1.87265	Y
5	STD50 460-941666/7	50.0	94.292615	250.0	252769.0	1.885852	Y
6	STD200 460-941666/23	200.0	232.219602	250.0	271774.0	1.161098	Y
7	STD500 460-941666/24	500.0	553.462196	250.0	308648.0	1.106924	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

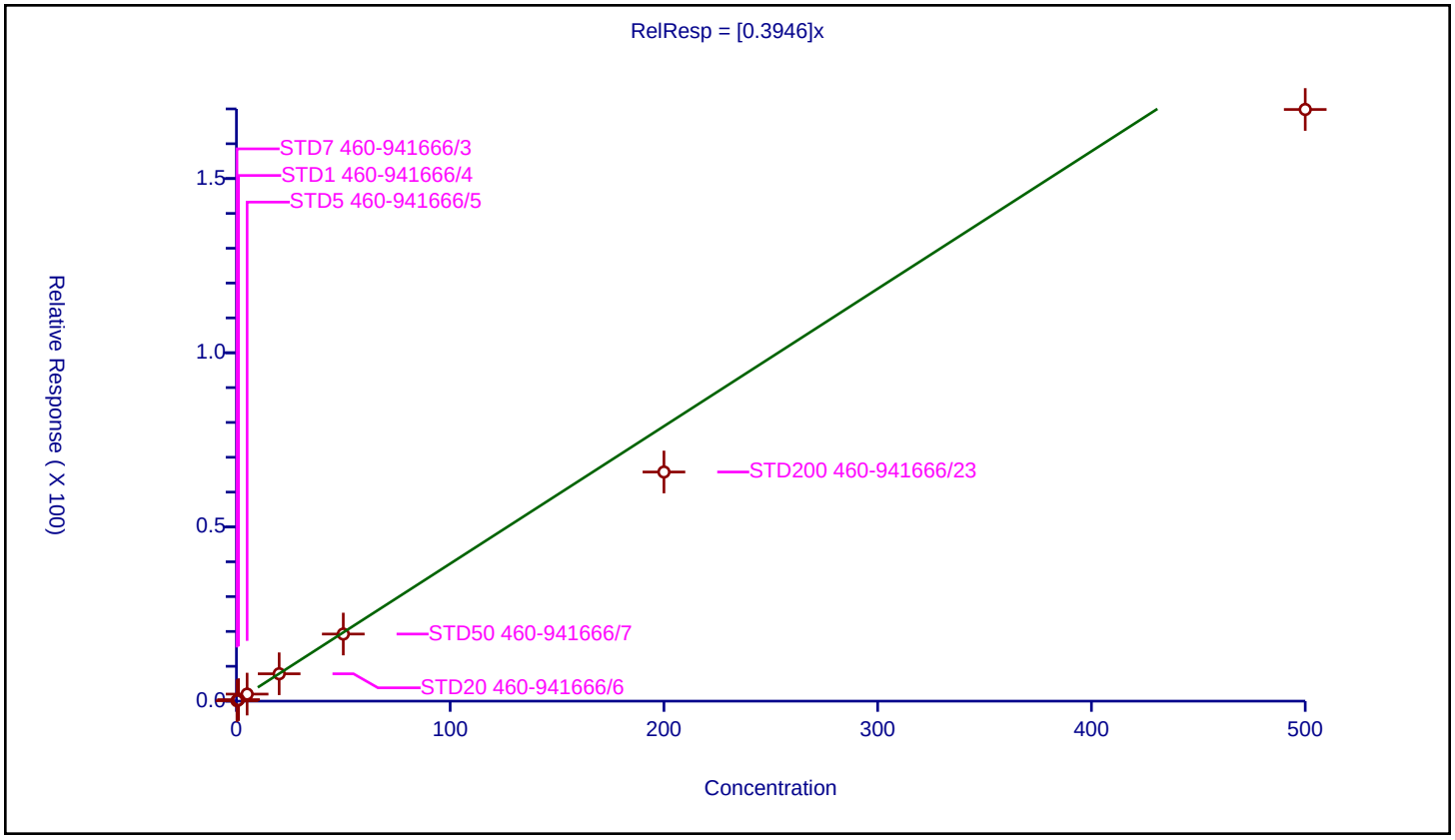
Curve Coefficients

Intercept:	0
Slope:	0.3946

Error Coefficients

Standard Error:	837000
Relative Standard Error:	13.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.119555	50.0	470911.0	0.478222	Y
2	STD1 460-941666/4	1.0	0.432993	50.0	469984.0	0.432993	Y
3	STD5 460-941666/5	5.0	2.021836	50.0	459335.0	0.404367	Y
4	STD20 460-941666/6	20.0	7.852731	50.0	456892.0	0.392637	Y
5	STD50 460-941666/7	50.0	19.26146	50.0	446760.0	0.385229	Y
6	STD200 460-941666/23	200.0	65.7718	50.0	536765.0	0.328859	Y
7	STD500 460-941666/24	500.0	169.832603	50.0	564109.0	0.339665	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

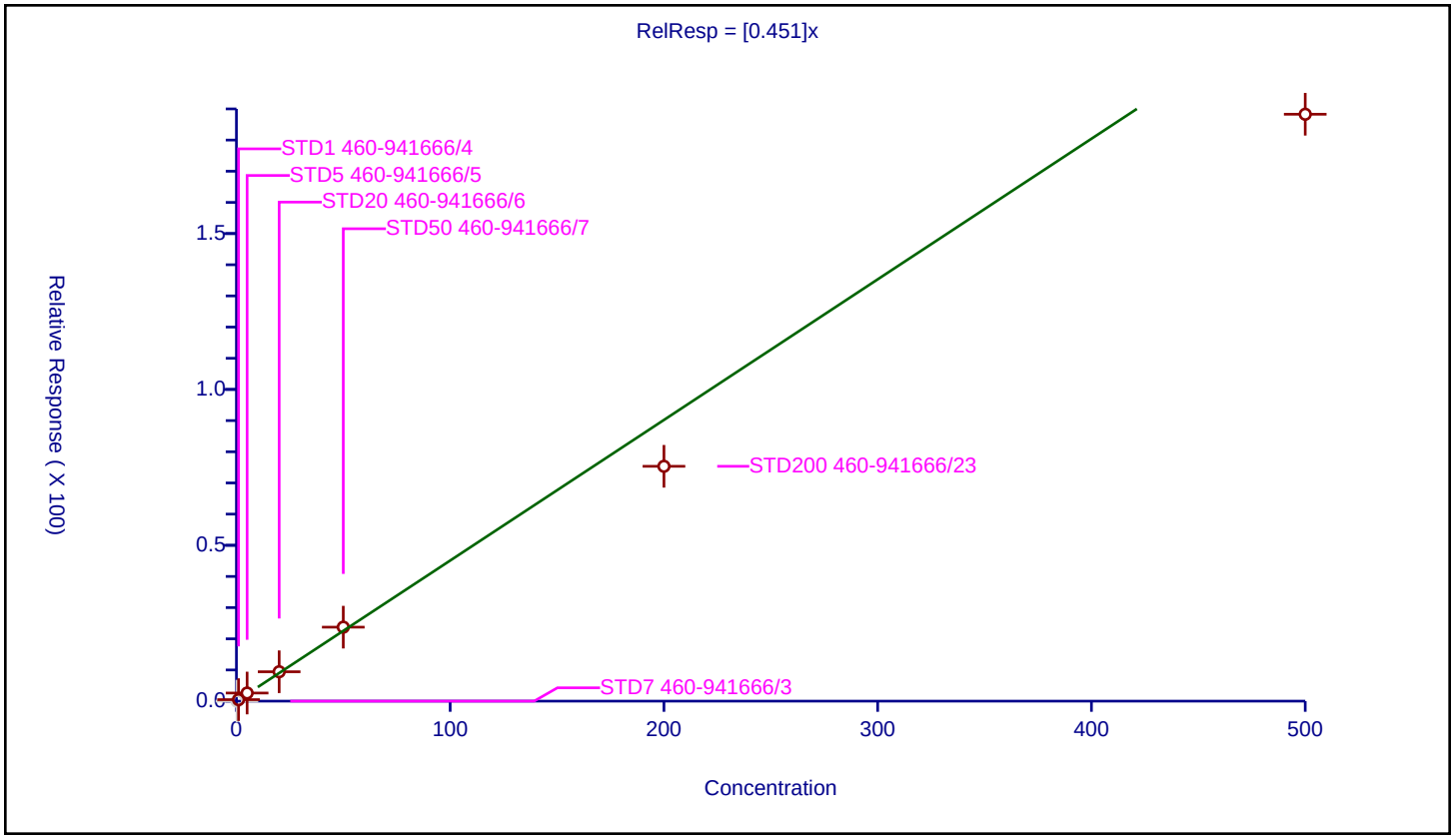
Curve Coefficients

Intercept:	0
Slope:	0.451

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	13.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.486187	50.0	469984.0	0.486187	Y
3	STD5 460-941666/5	5.0	2.604417	50.0	459335.0	0.520883	Y
4	STD20 460-941666/6	20.0	9.427283	50.0	456892.0	0.471364	Y
5	STD50 460-941666/7	50.0	23.729183	50.0	446760.0	0.474584	Y
6	STD200 460-941666/23	200.0	75.337624	50.0	536765.0	0.376688	Y
7	STD500 460-941666/24	500.0	188.278861	50.0	564109.0	0.376558	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

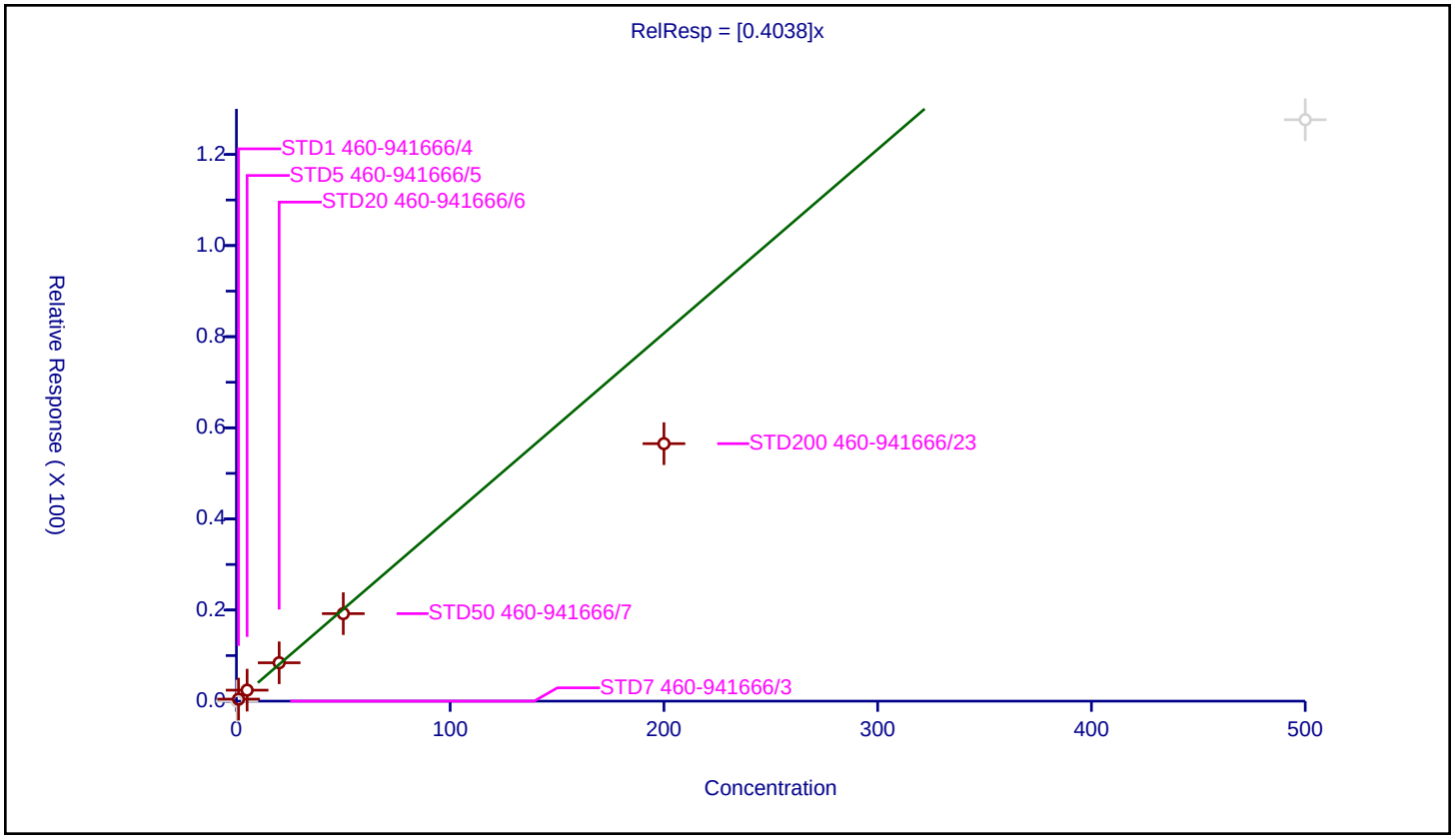
Curve Coefficients

Intercept:	0
Slope:	0.4038

Error Coefficients

Standard Error:	318000
Relative Standard Error:	19.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.955

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.448313	50.0	469984.0	0.448313	Y
3	STD5 460-941666/5	5.0	2.412727	50.0	459335.0	0.482545	Y
4	STD20 460-941666/6	20.0	8.423763	50.0	456892.0	0.421188	Y
5	STD50 460-941666/7	50.0	19.208188	50.0	446760.0	0.384164	Y
6	STD200 460-941666/23	200.0	56.517191	50.0	536765.0	0.282586	Y
7	STD500 460-941666/24	500.0	127.619485	50.0	564109.0	0.255239	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

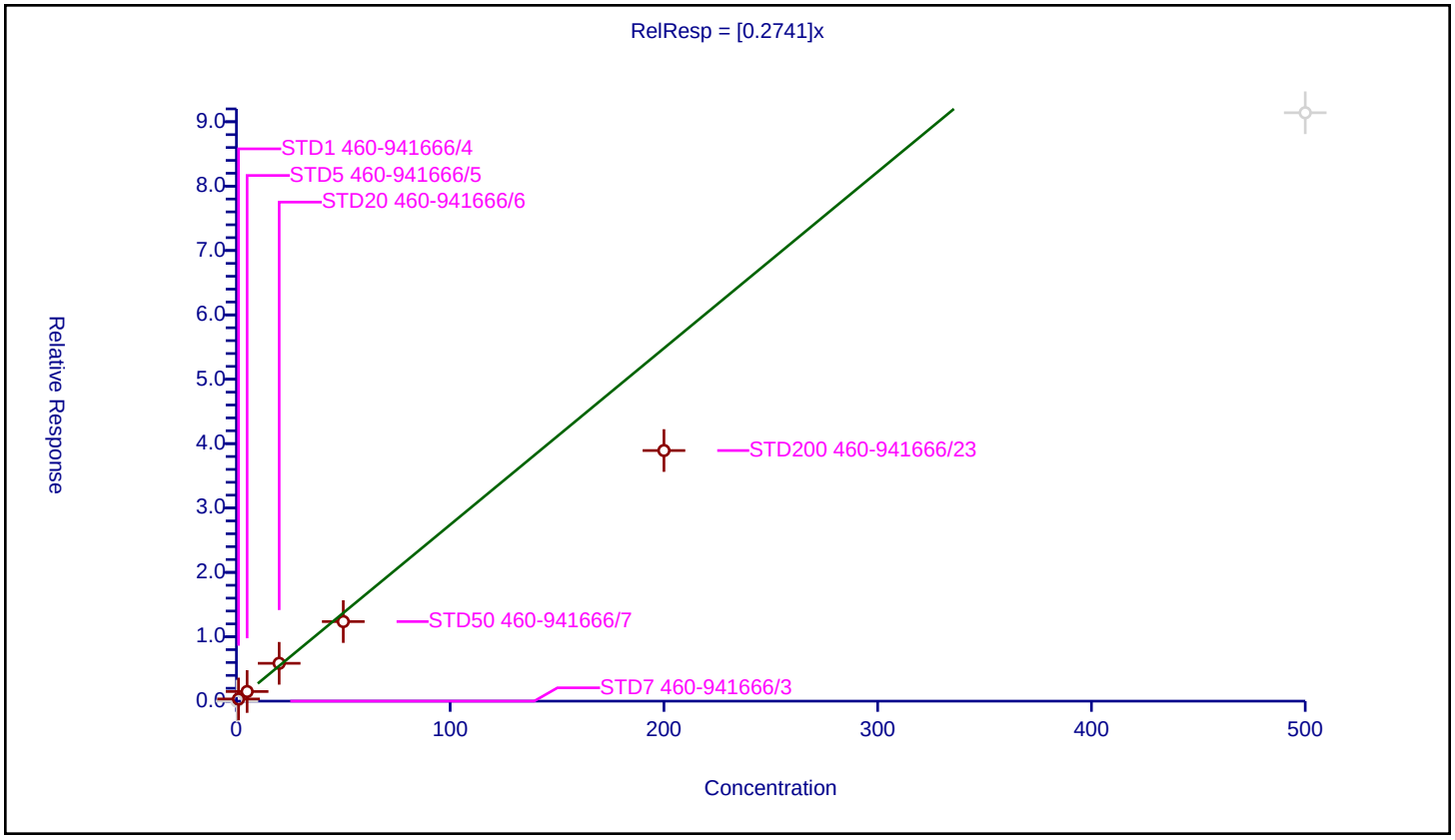
Curve Coefficients

Intercept:	0
Slope:	0.2741

Error Coefficients

Standard Error:	218000
Relative Standard Error:	19.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.33565	50.0	469984.0	0.33565	Y
3	STD5 460-941666/5	5.0	1.494552	50.0	459335.0	0.29891	Y
4	STD20 460-941666/6	20.0	5.878194	50.0	456892.0	0.29391	Y
5	STD50 460-941666/7	50.0	12.362118	50.0	446760.0	0.247242	Y
6	STD200 460-941666/23	200.0	38.928395	50.0	536765.0	0.194642	Y
7	STD500 460-941666/24	500.0	91.400421	50.0	564109.0	0.182801	N



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

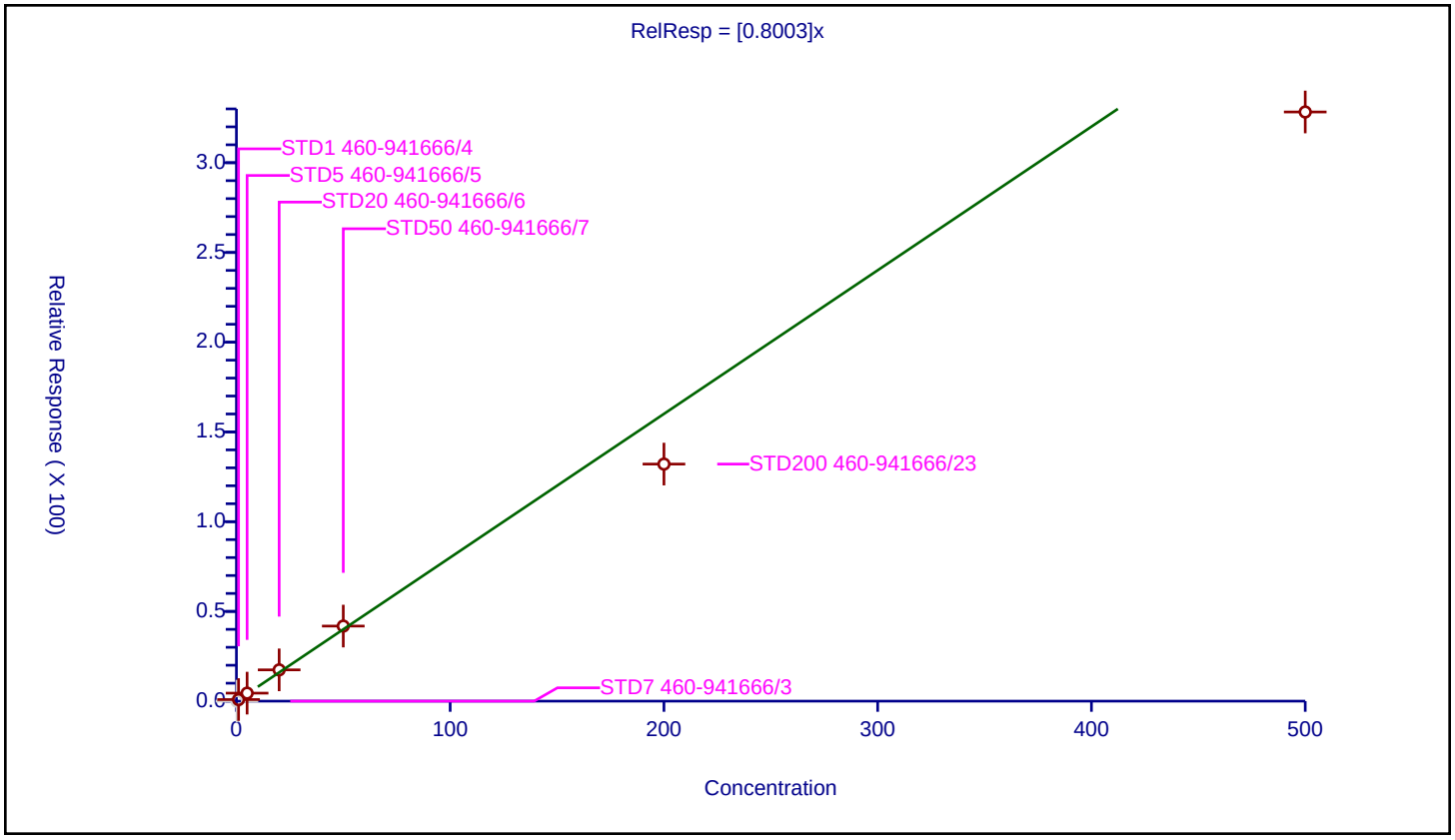
Curve Coefficients

Intercept:	0
Slope:	0.8003

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.886413	50.0	469984.0	0.886413	Y
3	STD5 460-941666/5	5.0	4.452415	50.0	459335.0	0.890483	Y
4	STD20 460-941666/6	20.0	17.426219	50.0	456892.0	0.871311	Y
5	STD50 460-941666/7	50.0	41.823127	50.0	446760.0	0.836463	Y
6	STD200 460-941666/23	200.0	132.08853	50.0	536765.0	0.660443	Y
7	STD500 460-941666/24	500.0	328.280616	50.0	564109.0	0.656561	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

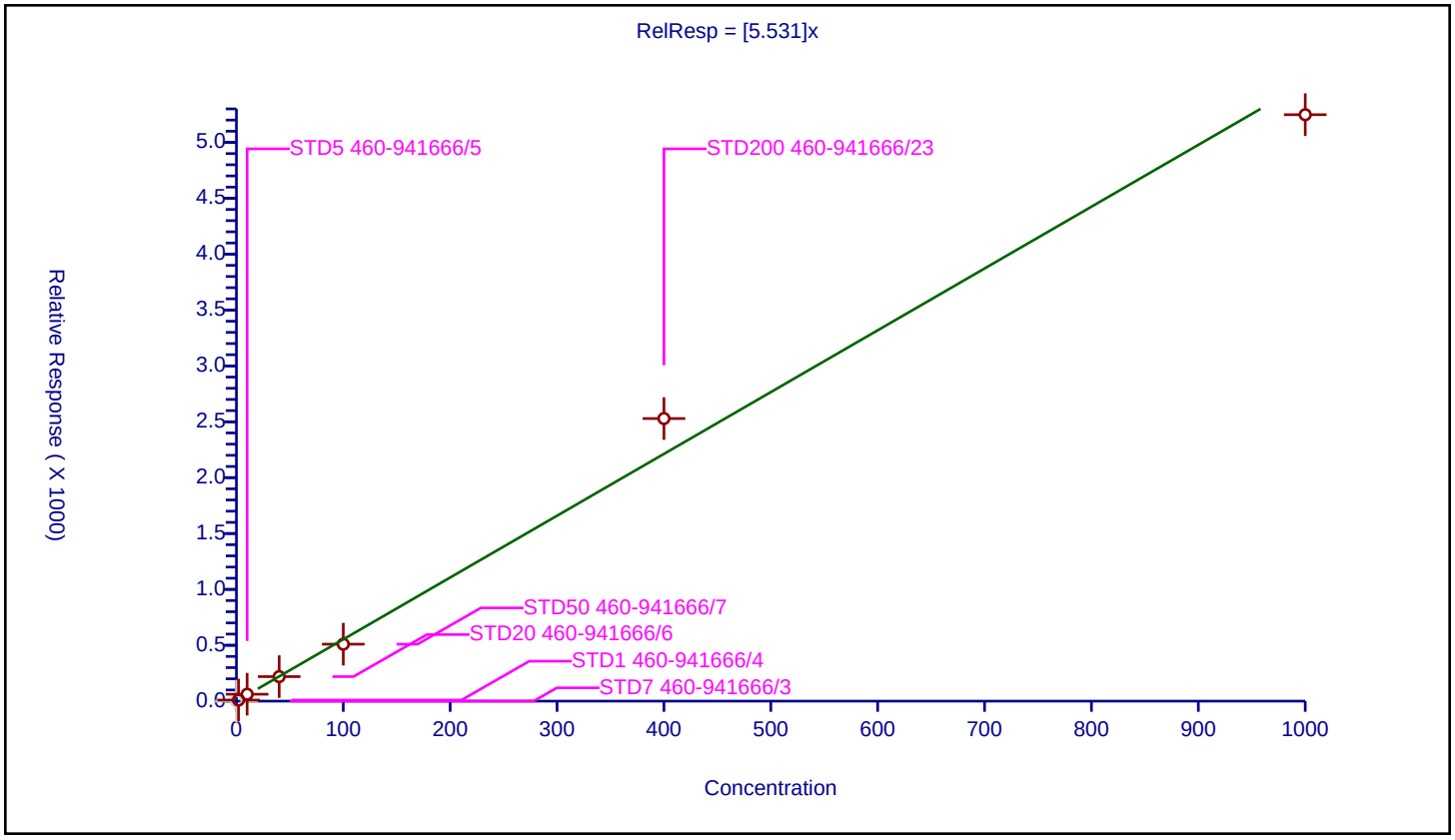
Curve Coefficients

Intercept:	0
Slope:	5.531

Error Coefficients

Standard Error:	246000
Relative Standard Error:	10.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	2.0	9.704391	1000.0	89341.0	4.852196	Y
3	STD5 460-941666/5	10.0	61.833408	1000.0	91229.0	6.183341	Y
4	STD20 460-941666/6	40.0	219.294822	1000.0	92232.0	5.482371	Y
5	STD50 460-941666/7	100.0	509.808515	1000.0	81103.0	5.098085	Y
6	STD200 460-941666/23	400.0	2528.970527	1000.0	88521.0	6.322426	Y
7	STD500 460-941666/24	1000.0	5247.984184	1000.0	96611.0	5.247984	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

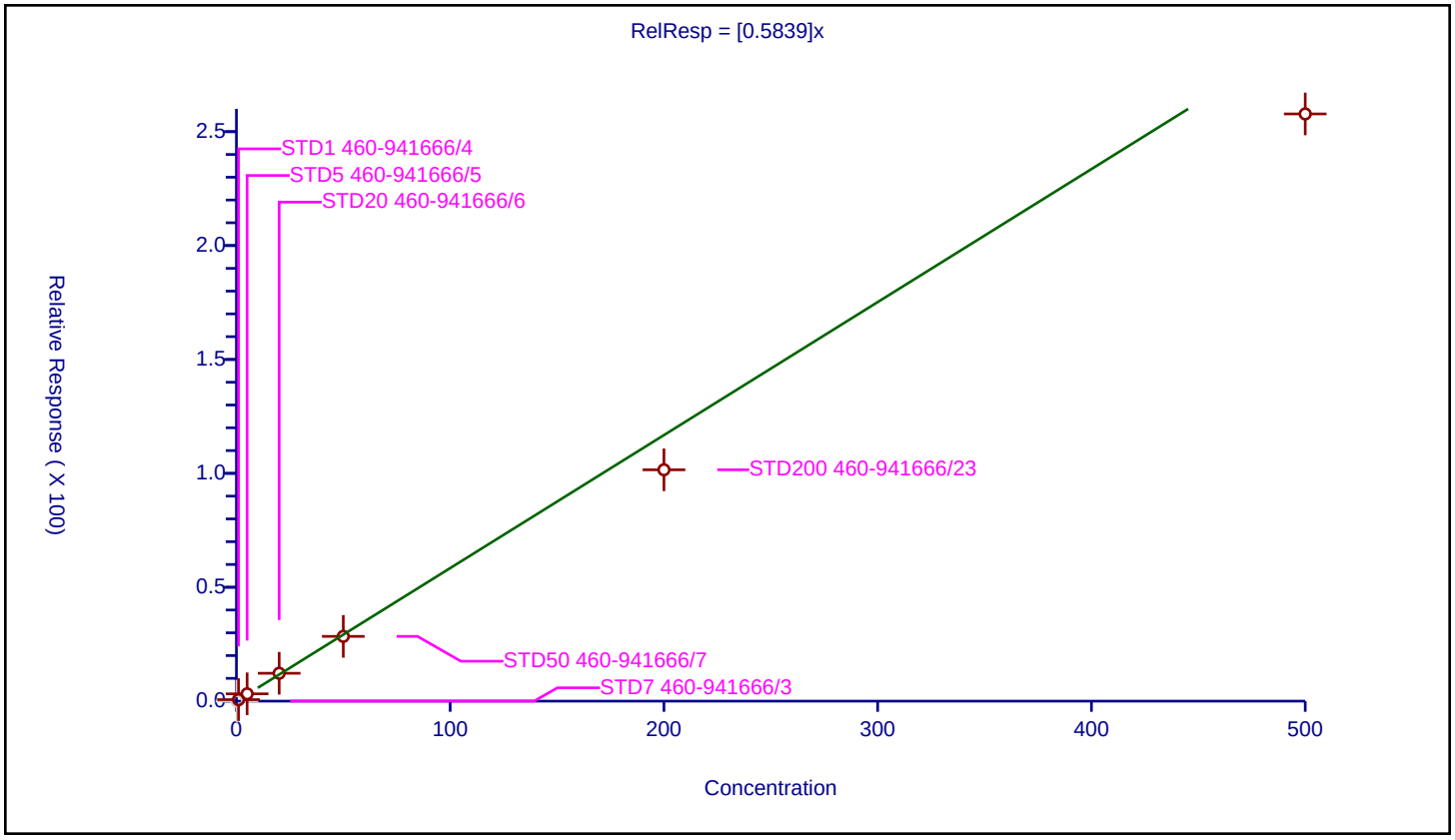
Curve Coefficients

Intercept:	0
Slope:	0.5839

Error Coefficients

Standard Error:	1390000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.25	0.0	50.0	470911.0	0.0	N
2	STD1 460-941666/4	1.0	0.657363	50.0	469984.0	0.657363	Y
3	STD5 460-941666/5	5.0	3.211926	50.0	459335.0	0.642385	Y
4	STD20 460-941666/6	20.0	12.239107	50.0	456892.0	0.611955	Y
5	STD50 460-941666/7	50.0	28.425553	50.0	446760.0	0.568511	Y
6	STD200 460-941666/23	200.0	101.571079	50.0	536765.0	0.507855	Y
7	STD500 460-941666/24	500.0	257.792466	50.0	564109.0	0.515585	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

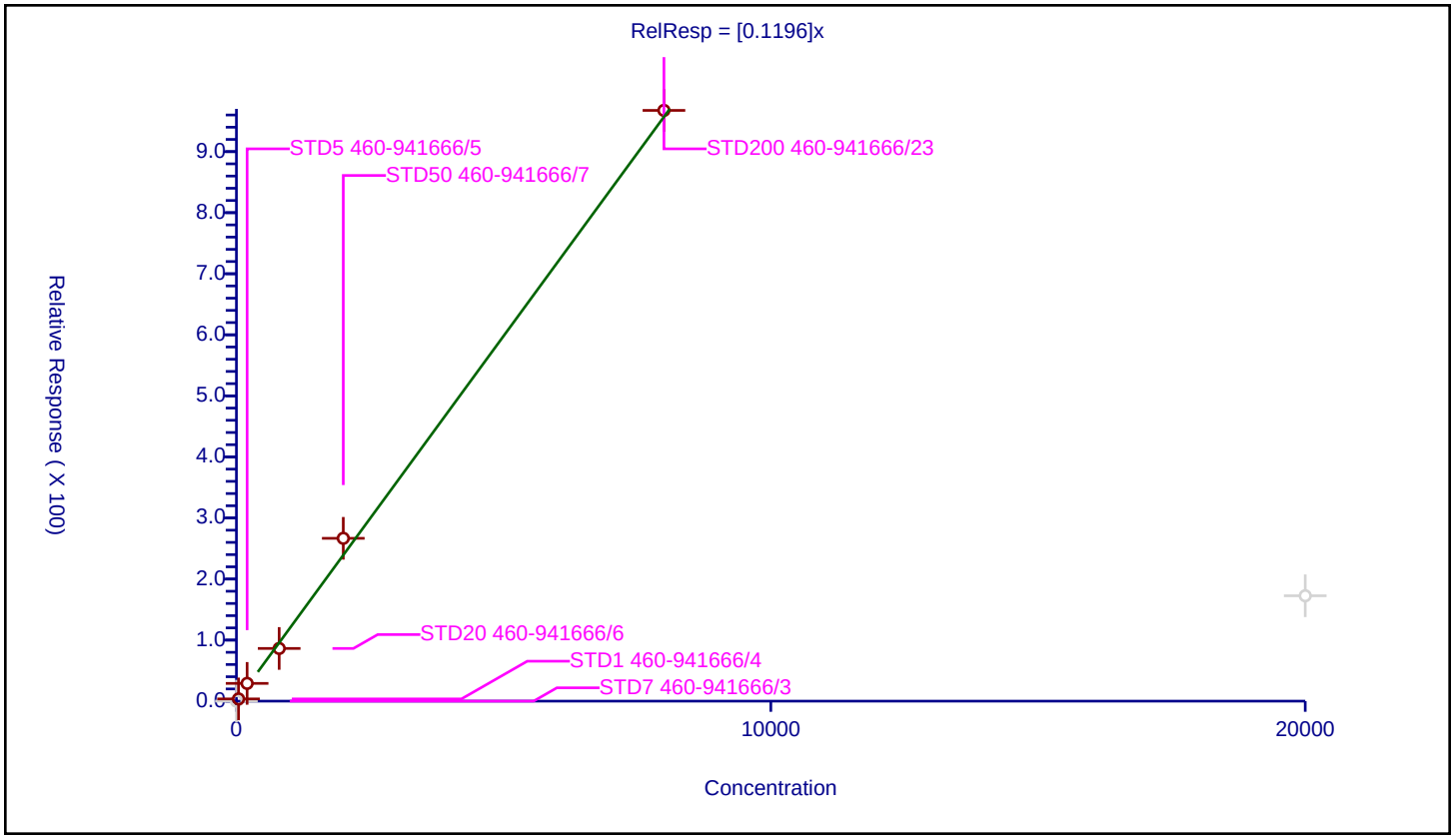
Curve Coefficients

Intercept:	0
Slope:	0.1196

Error Coefficients

Standard Error:	43900
Relative Standard Error:	17.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	40.0	3.626554	1000.0	89341.0	0.090664	Y
3	STD5 460-941666/5	200.0	29.058742	1000.0	91229.0	0.145294	Y
4	STD20 460-941666/6	800.0	86.304103	1000.0	92232.0	0.10788	Y
5	STD50 460-941666/7	2000.0	266.685573	1000.0	81103.0	0.133343	Y
6	STD200 460-941666/23	8000.0	967.510534	1000.0	88521.0	0.120939	Y
7	STD500 460-941666/24	20000.0	172.589043	1000.0	96611.0	0.008629	N



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

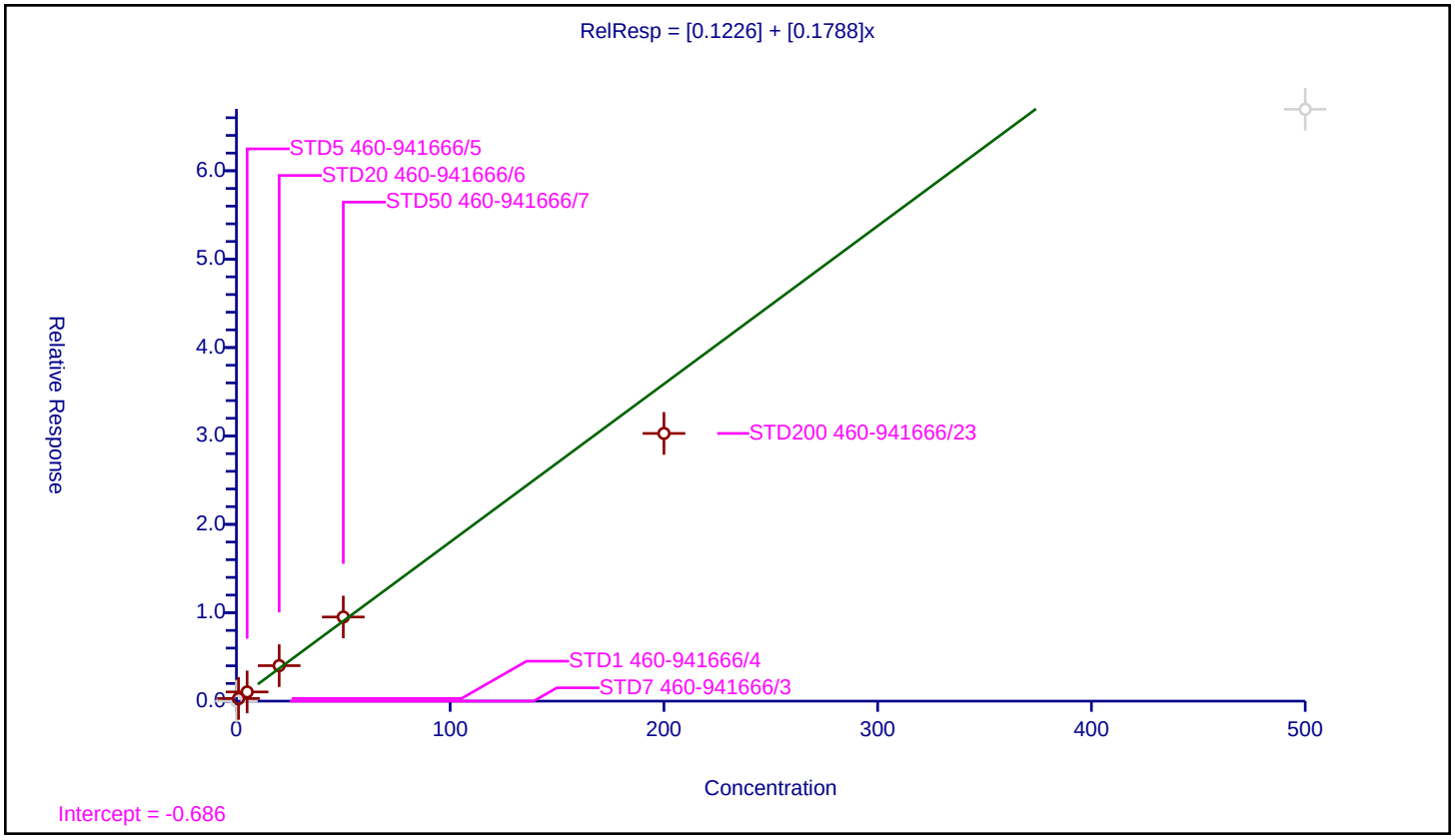
Curve Coefficients

Intercept:	0.1226
Slope:	0.1788

Error Coefficients

Standard Error:	195000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.299585	50.0	469984.0	0.299585	Y
3	STD5 460-941666/5	5.0	1.040199	50.0	459335.0	0.20804	Y
4	STD20 460-941666/6	20.0	4.016157	50.0	456892.0	0.200808	Y
5	STD50 460-941666/7	50.0	9.516855	50.0	446760.0	0.190337	Y
6	STD200 460-941666/23	200.0	30.287277	50.0	536765.0	0.151436	Y
7	STD500 460-941666/24	500.0	66.958868	50.0	564109.0	0.133918	N



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

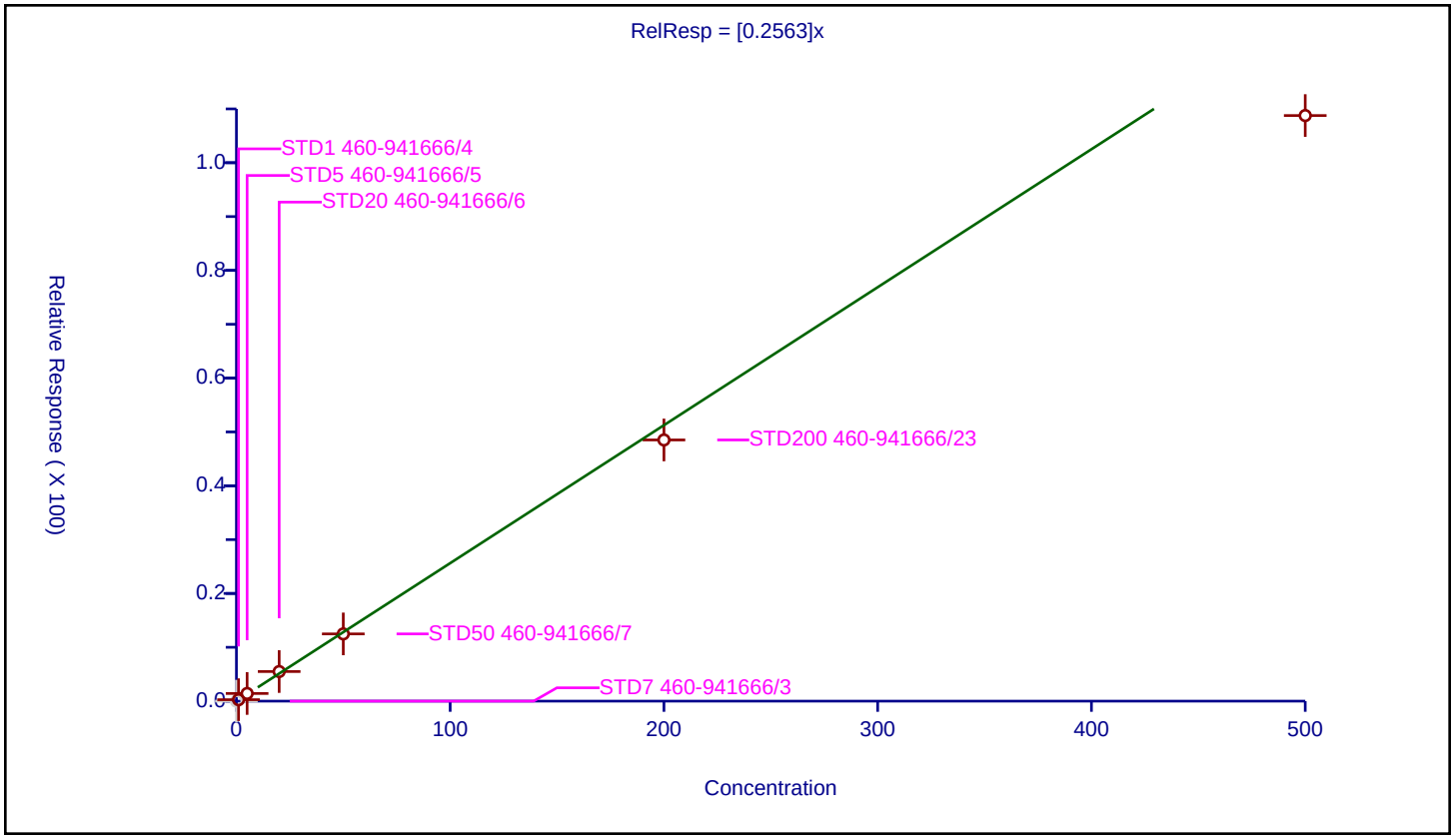
Curve Coefficients

Intercept:	0
Slope:	0.2563

Error Coefficients

Standard Error:	599000
Relative Standard Error:	9.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.268201	50.0	469984.0	0.268201	Y
3	STD5 460-941666/5	5.0	1.423362	50.0	459335.0	0.284672	Y
4	STD20 460-941666/6	20.0	5.496376	50.0	456892.0	0.274819	Y
5	STD50 460-941666/7	50.0	12.48948	50.0	446760.0	0.24979	Y
6	STD200 460-941666/23	200.0	48.510987	50.0	536765.0	0.242555	Y
7	STD500 460-941666/24	500.0	108.761605	50.0	564109.0	0.217523	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

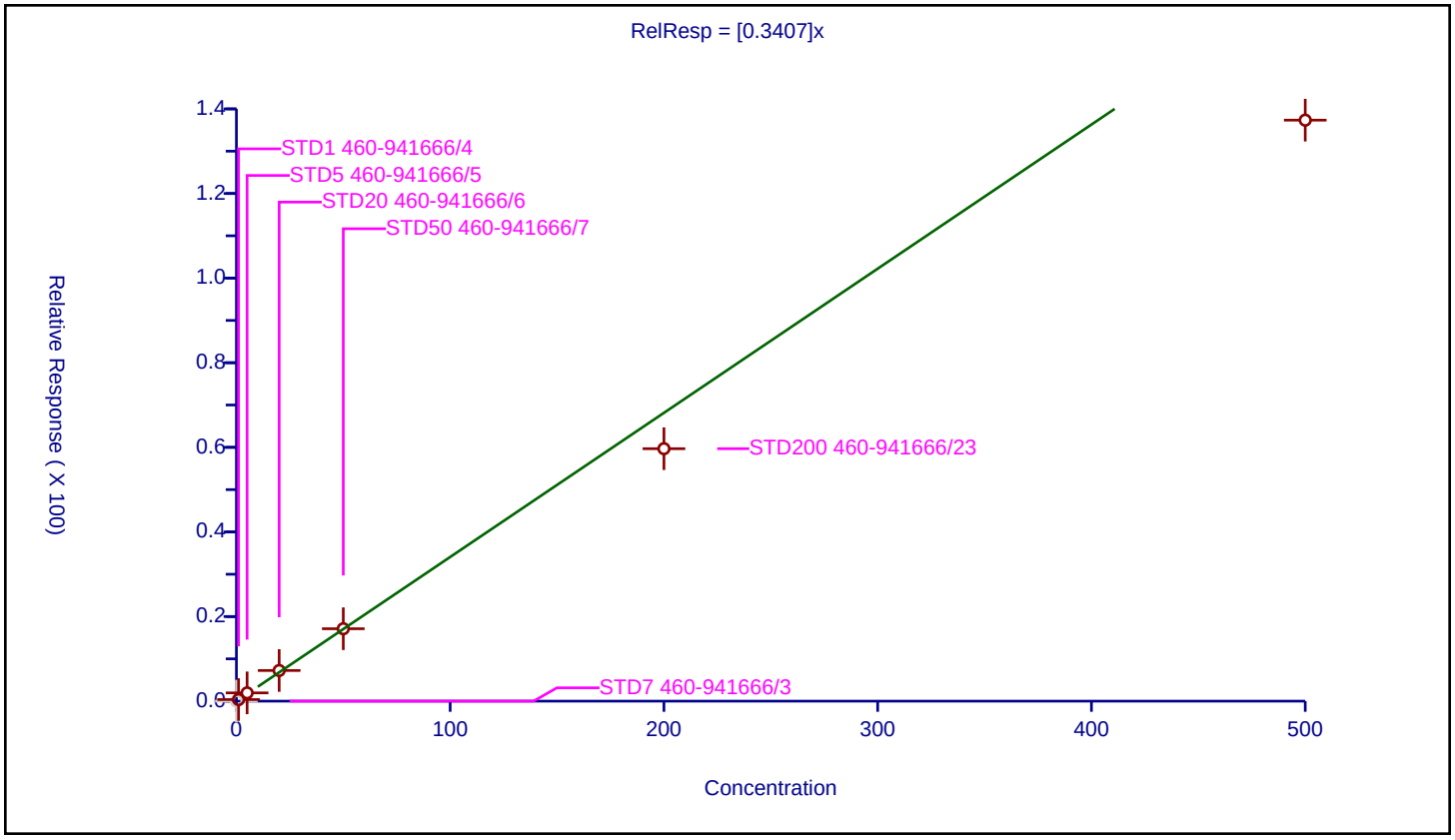
Curve Coefficients

Intercept:	0
Slope:	0.3407

Error Coefficients

Standard Error:	753000
Relative Standard Error:	13.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.376077	50.0	469984.0	0.376077	Y
3	STD5 460-941666/5	5.0	1.954782	50.0	459335.0	0.390956	Y
4	STD20 460-941666/6	20.0	7.241099	50.0	456892.0	0.362055	Y
5	STD50 460-941666/7	50.0	17.116685	50.0	446760.0	0.342334	Y
6	STD200 460-941666/23	200.0	59.676674	50.0	536765.0	0.298383	Y
7	STD500 460-941666/24	500.0	137.336756	50.0	564109.0	0.274674	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

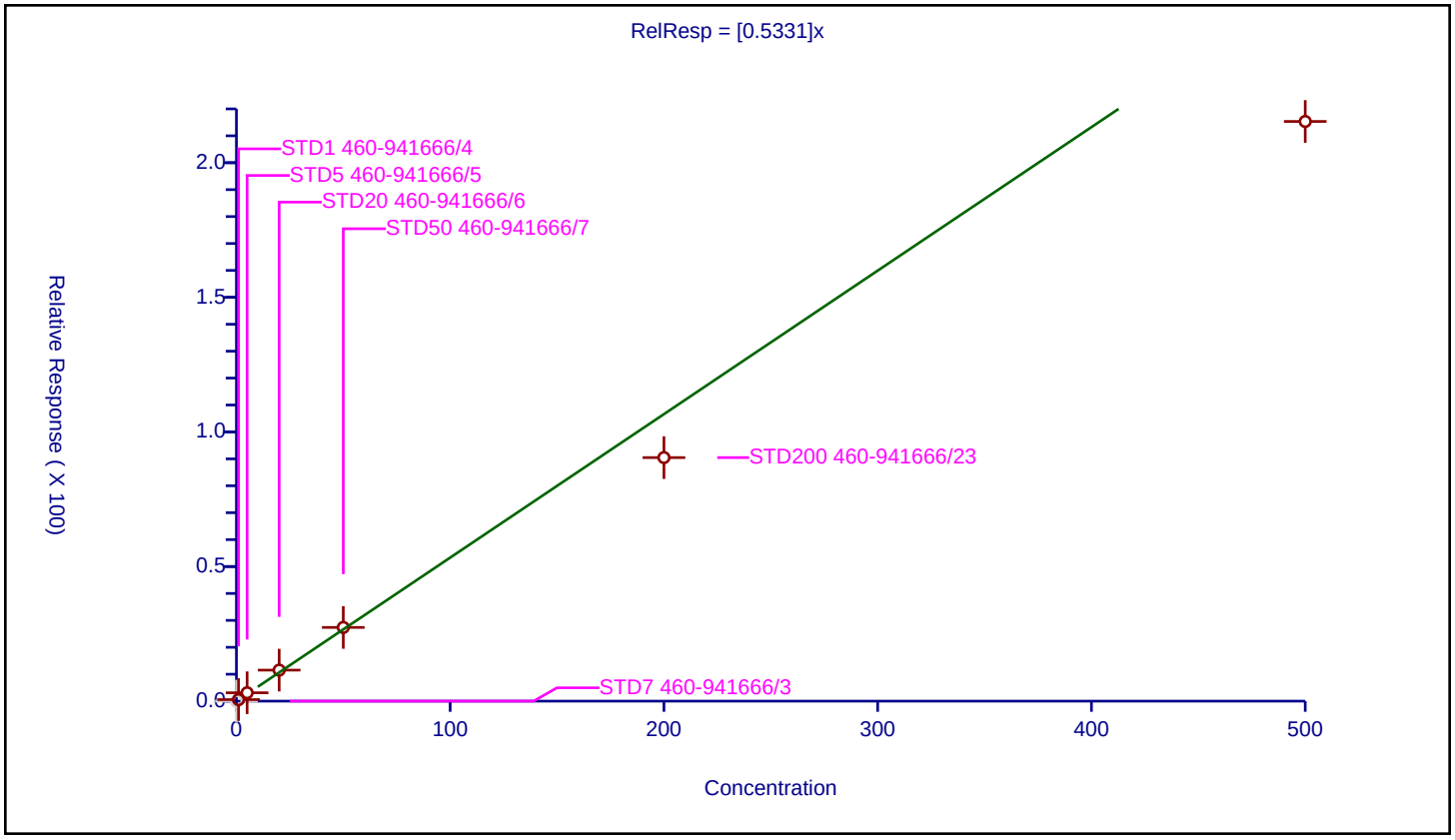
Curve Coefficients

Intercept:	0
Slope:	0.5331

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.568636	50.0	469984.0	0.568636	Y
3	STD5 460-941666/5	5.0	3.114829	50.0	459335.0	0.622966	Y
4	STD20 460-941666/6	20.0	11.522088	50.0	456892.0	0.576104	Y
5	STD50 460-941666/7	50.0	27.383718	50.0	446760.0	0.547674	Y
6	STD200 460-941666/23	200.0	90.475068	50.0	536765.0	0.452375	Y
7	STD500 460-941666/24	500.0	215.328775	50.0	564109.0	0.430658	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

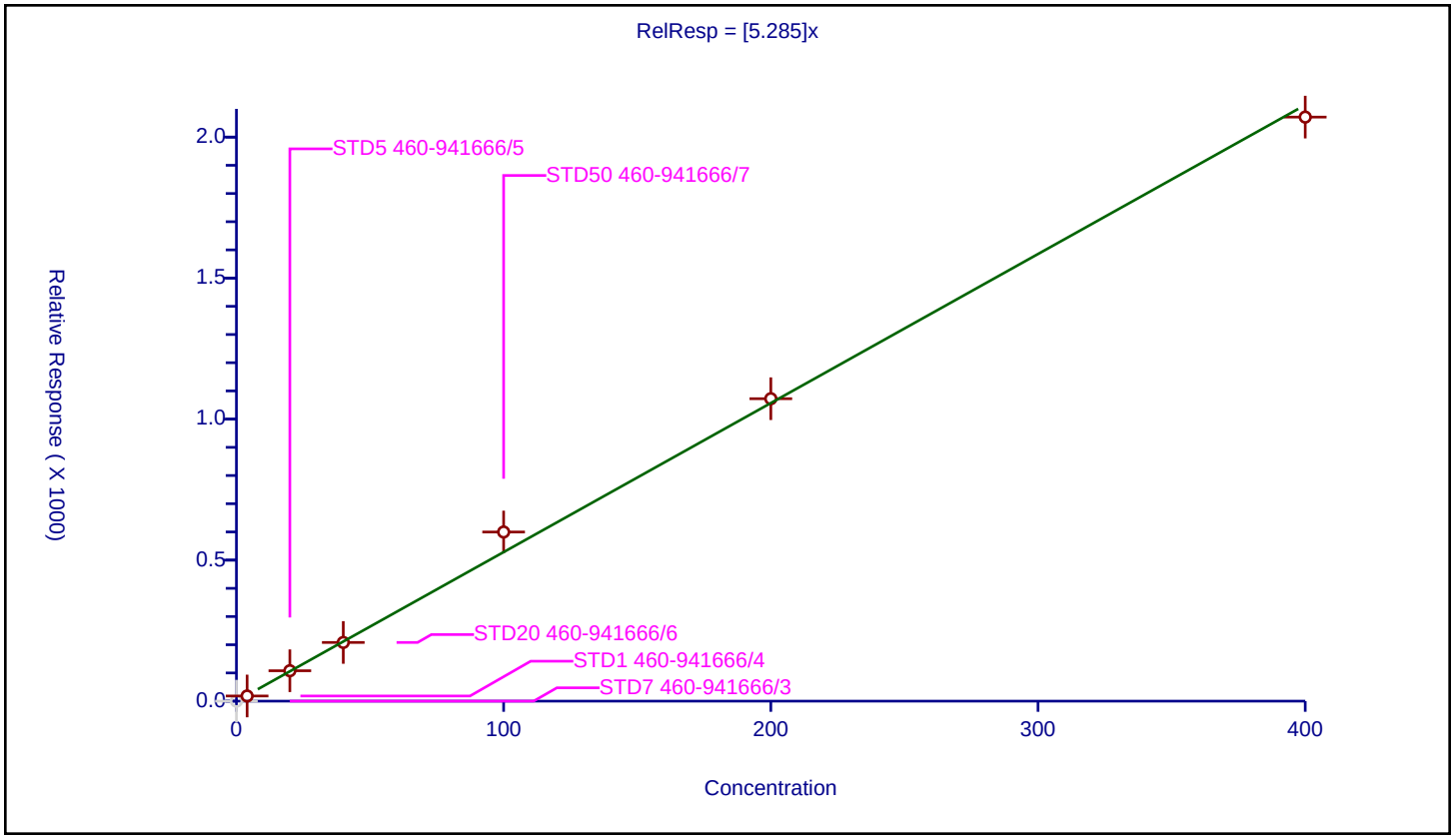
Curve Coefficients

Intercept:	0
Slope:	5.285

Error Coefficients

Standard Error:	101000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	4.0	18.311861	1000.0	89341.0	4.577965	Y
3	STD5 460-941666/5	20.0	107.805632	1000.0	91229.0	5.390282	Y
4	STD20 460-941666/6	40.0	208.105647	1000.0	92232.0	5.202641	Y
5	STD50 460-941666/7	100.0	599.755866	1000.0	81103.0	5.997559	Y
6	STD200 460-941666/23	200.0	1072.367009	1000.0	88521.0	5.361835	Y
7	STD500 460-941666/24	400.0	2070.902899	1000.0	96611.0	5.177257	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

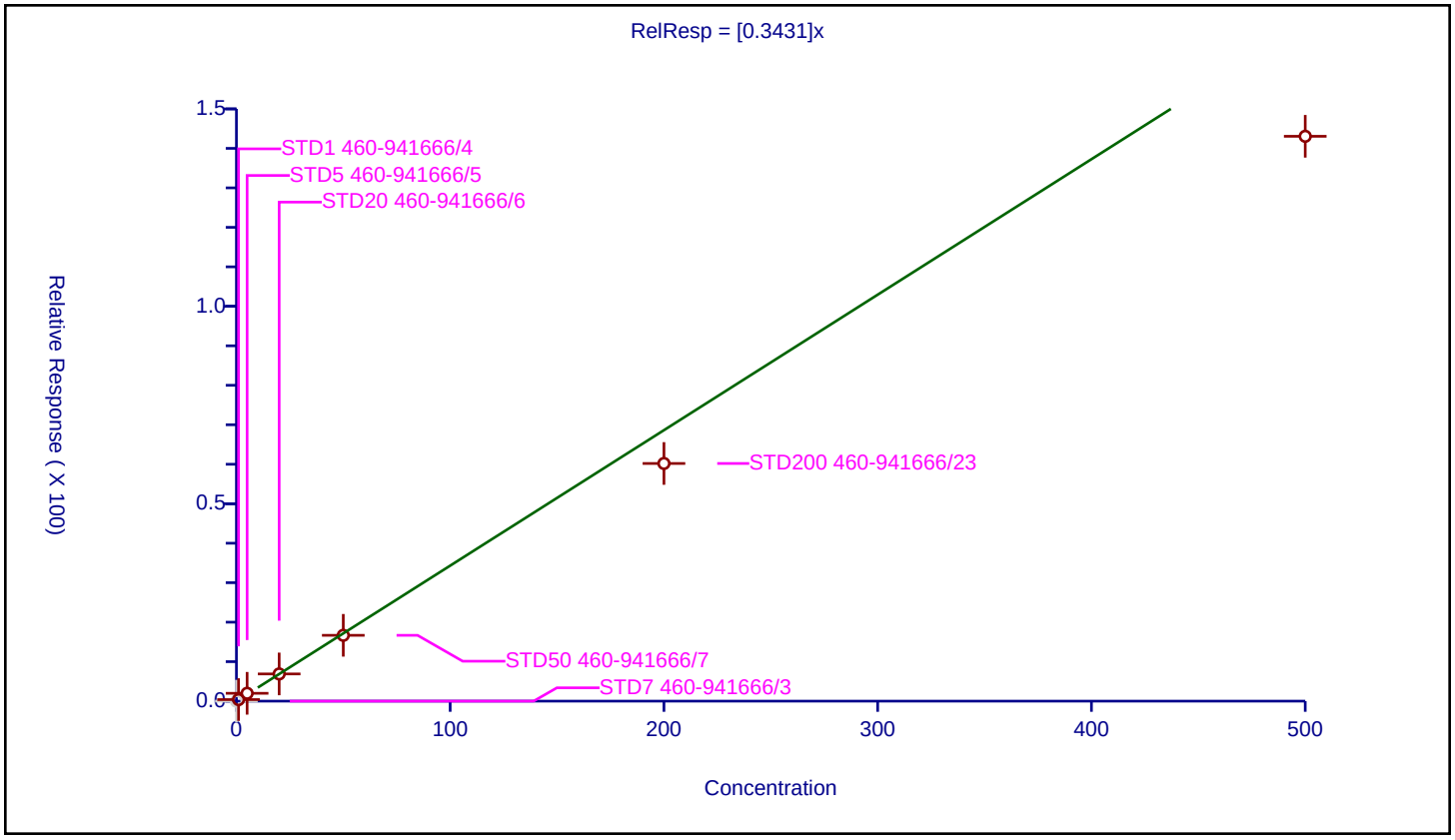
Curve Coefficients

Intercept:	0
Slope:	0.3431

Error Coefficients

Standard Error:	781000
Relative Standard Error:	13.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.396822	50.0	469984.0	0.396822	Y
3	STD5 460-941666/5	5.0	1.984608	50.0	459335.0	0.396922	Y
4	STD20 460-941666/6	20.0	6.891344	50.0	456892.0	0.344567	Y
5	STD50 460-941666/7	50.0	16.670248	50.0	446760.0	0.333405	Y
6	STD200 460-941666/23	200.0	60.19692	50.0	536765.0	0.300985	Y
7	STD500 460-941666/24	500.0	143.056041	50.0	564109.0	0.286112	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

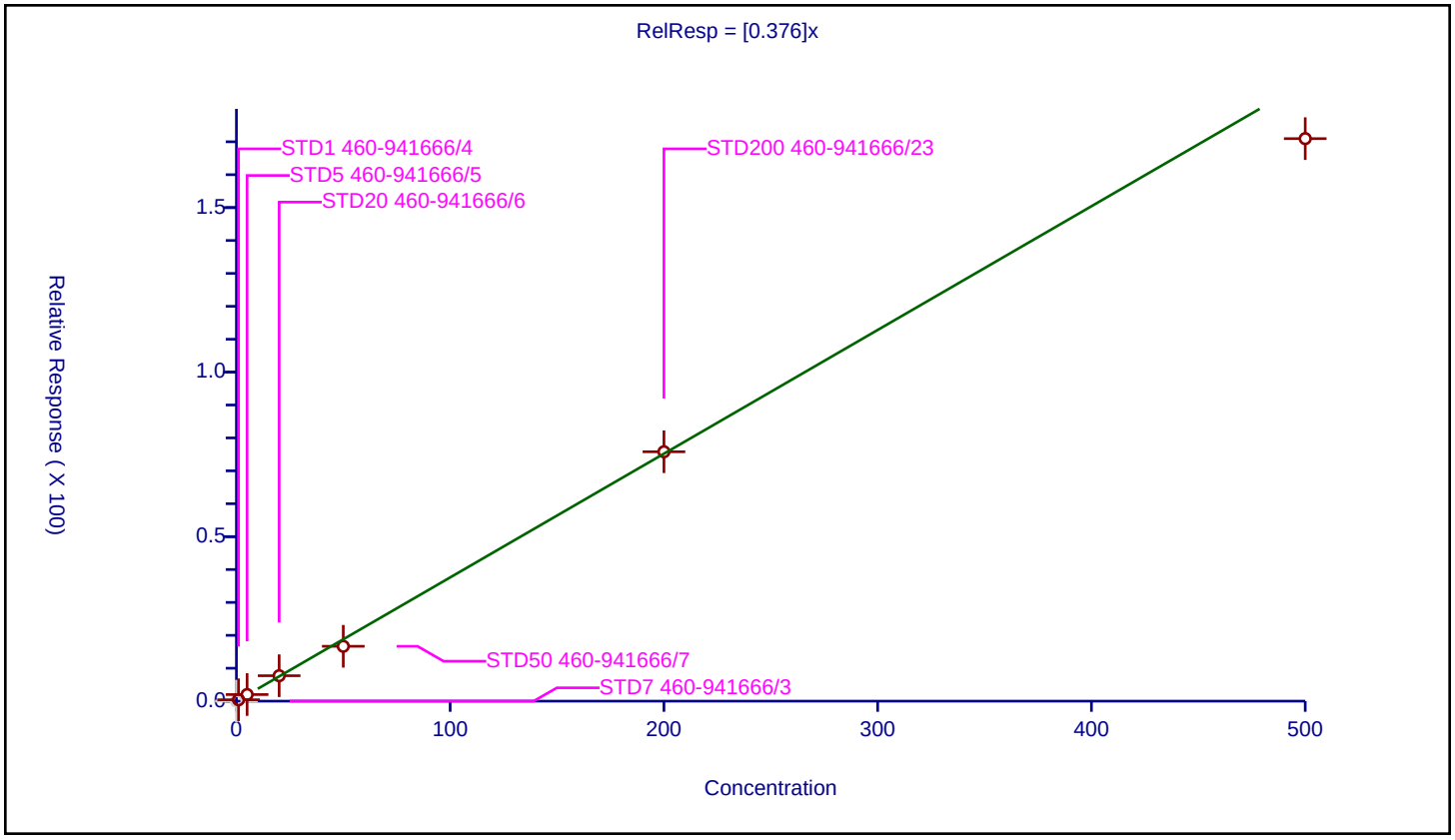
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Standard Error:	939000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.414908	50.0	469984.0	0.414908	Y
3	STD5 460-941666/5	5.0	2.003222	50.0	459335.0	0.400644	Y
4	STD20 460-941666/6	20.0	7.726662	50.0	456892.0	0.386333	Y
5	STD50 460-941666/7	50.0	16.672263	50.0	446760.0	0.333445	Y
6	STD200 460-941666/23	200.0	75.794621	50.0	536765.0	0.378973	Y
7	STD500 460-941666/24	500.0	170.958804	50.0	564109.0	0.341918	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

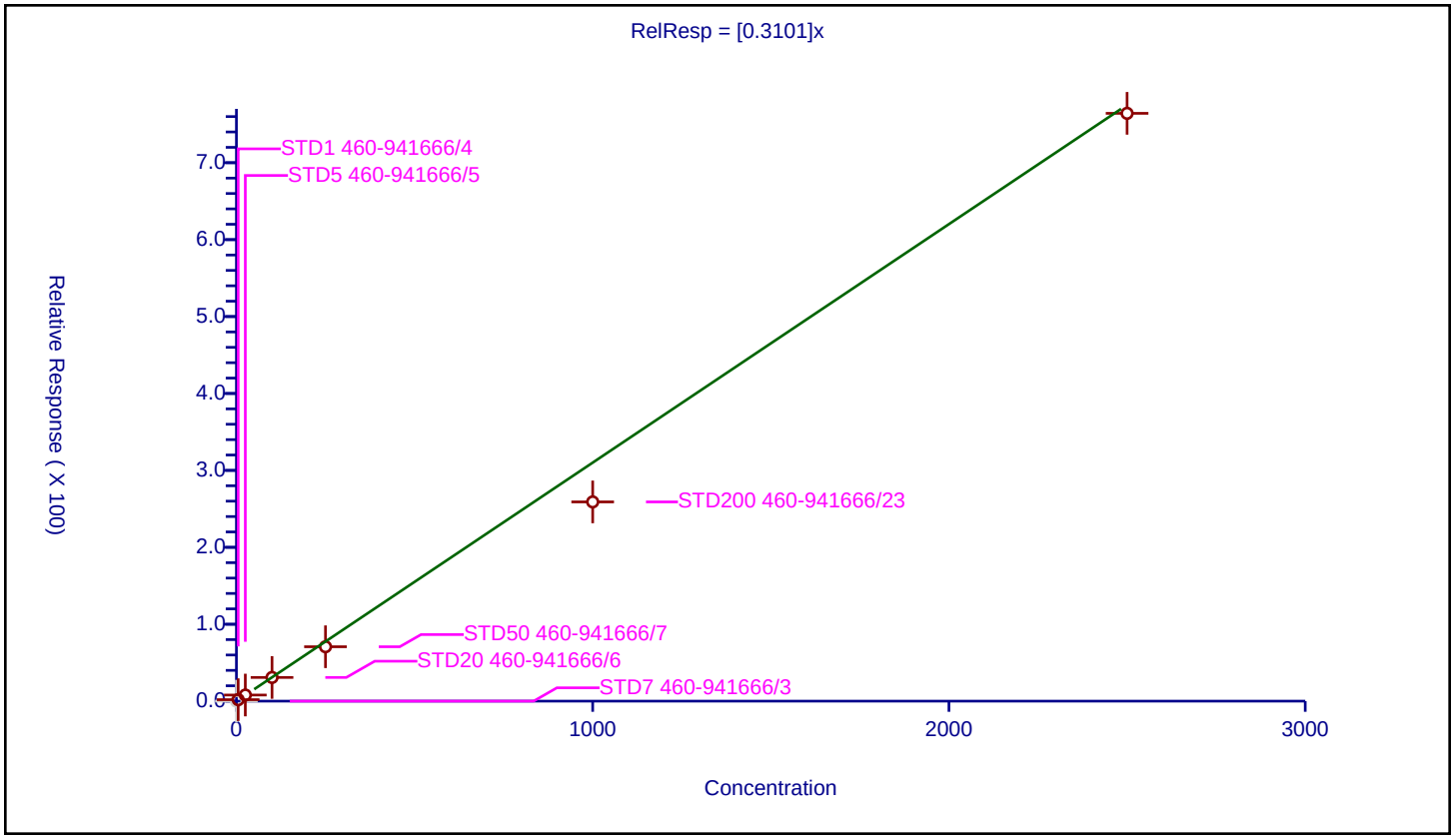
Curve Coefficients

Intercept:	0
Slope:	0.3101

Error Coefficients

Standard Error:	441000
Relative Standard Error:	14.0
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	5.0	1.935563	250.0	257677.0	0.387113	Y
3	STD5 460-941666/5	25.0	7.945841	250.0	258091.0	0.317834	Y
4	STD20 460-941666/6	100.0	30.792548	250.0	255013.0	0.307925	Y
5	STD50 460-941666/7	250.0	70.721687	250.0	252769.0	0.282887	Y
6	STD200 460-941666/23	1000.0	259.04152	250.0	271774.0	0.259042	Y
7	STD500 460-941666/24	2500.0	764.205503	250.0	308648.0	0.305682	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

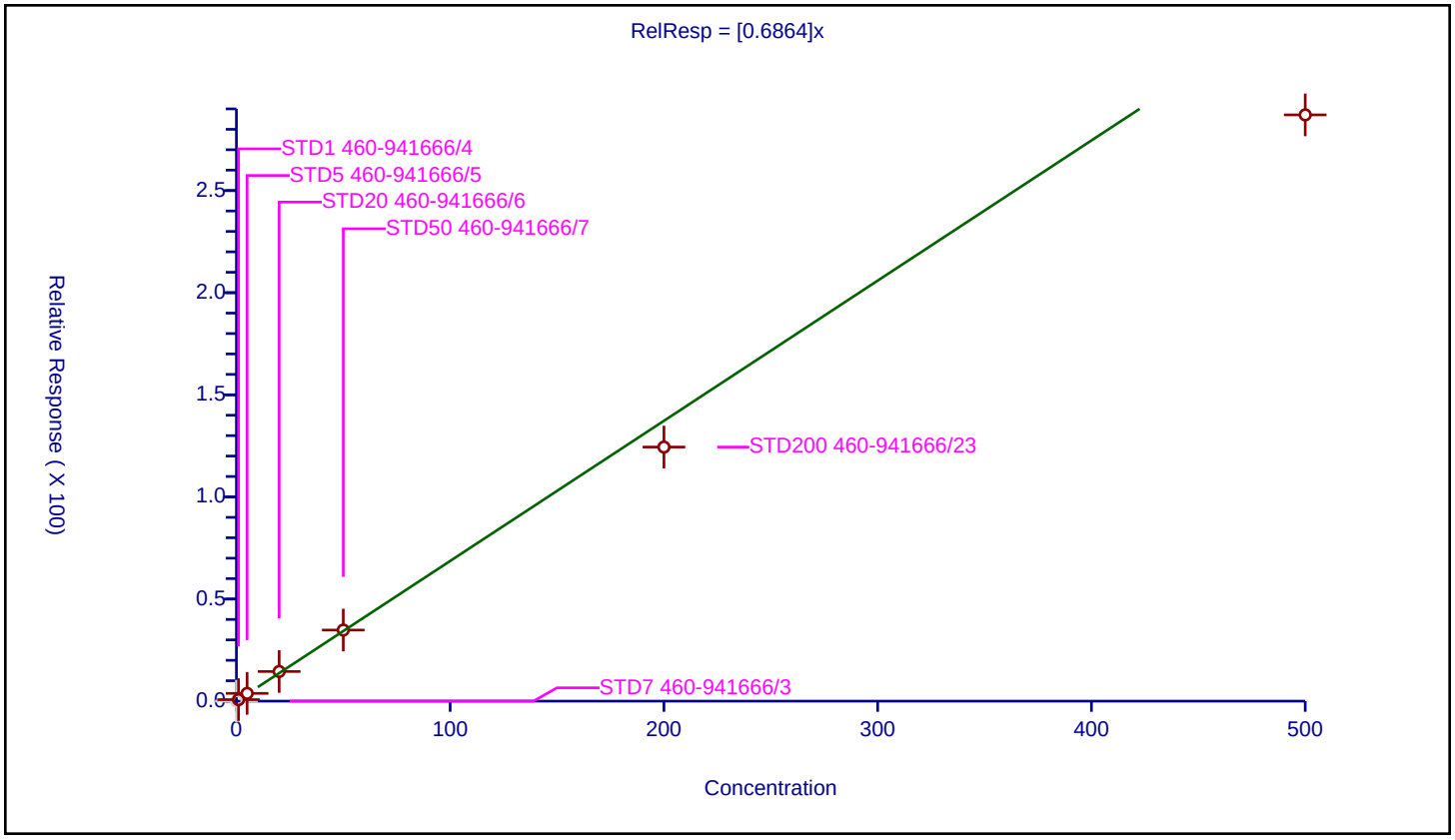
Curve Coefficients

Intercept:	0
Slope:	0.6864

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.740876	50.0	469984.0	0.740876	Y
3	STD5 460-941666/5	5.0	3.795269	50.0	459335.0	0.759054	Y
4	STD20 460-941666/6	20.0	14.51853	50.0	456892.0	0.725926	Y
5	STD50 460-941666/7	50.0	34.804705	50.0	446760.0	0.696094	Y
6	STD200 460-941666/23	200.0	124.404348	50.0	536765.0	0.622022	Y
7	STD500 460-941666/24	500.0	287.066152	50.0	564109.0	0.574132	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

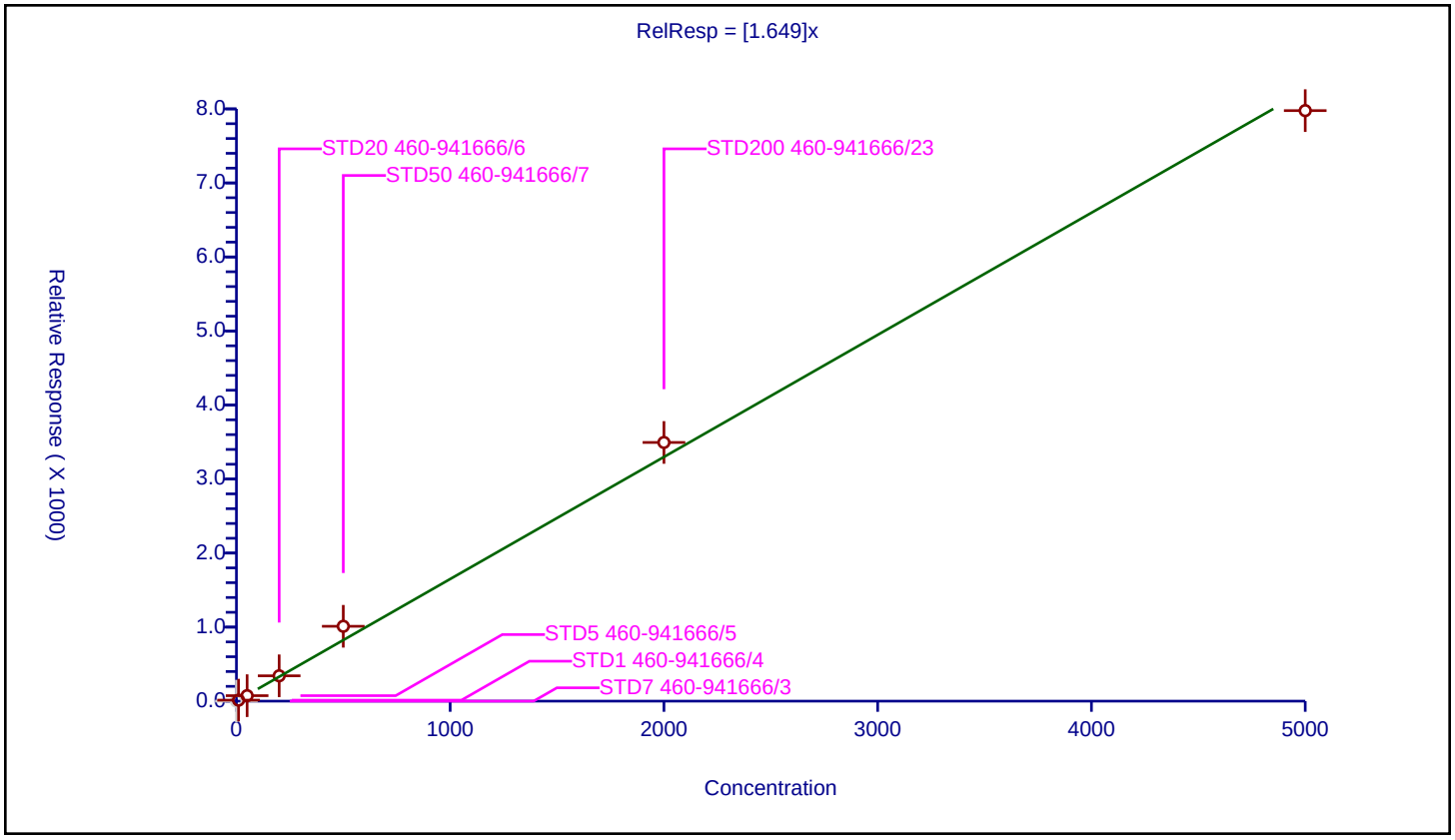
Curve Coefficients

Intercept:	0
Slope:	1.649

Error Coefficients

Standard Error:	369000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	10.0	13.431683	1000.0	89341.0	1.343168	Y
3	STD5 460-941666/5	50.0	73.781363	1000.0	91229.0	1.475627	Y
4	STD20 460-941666/6	200.0	342.310695	1000.0	92232.0	1.711553	Y
5	STD50 460-941666/7	500.0	1011.25729	1000.0	81103.0	2.022515	Y
6	STD200 460-941666/23	2000.0	3494.345974	1000.0	88521.0	1.747173	Y
7	STD500 460-941666/24	5000.0	7976.503711	1000.0	96611.0	1.595301	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

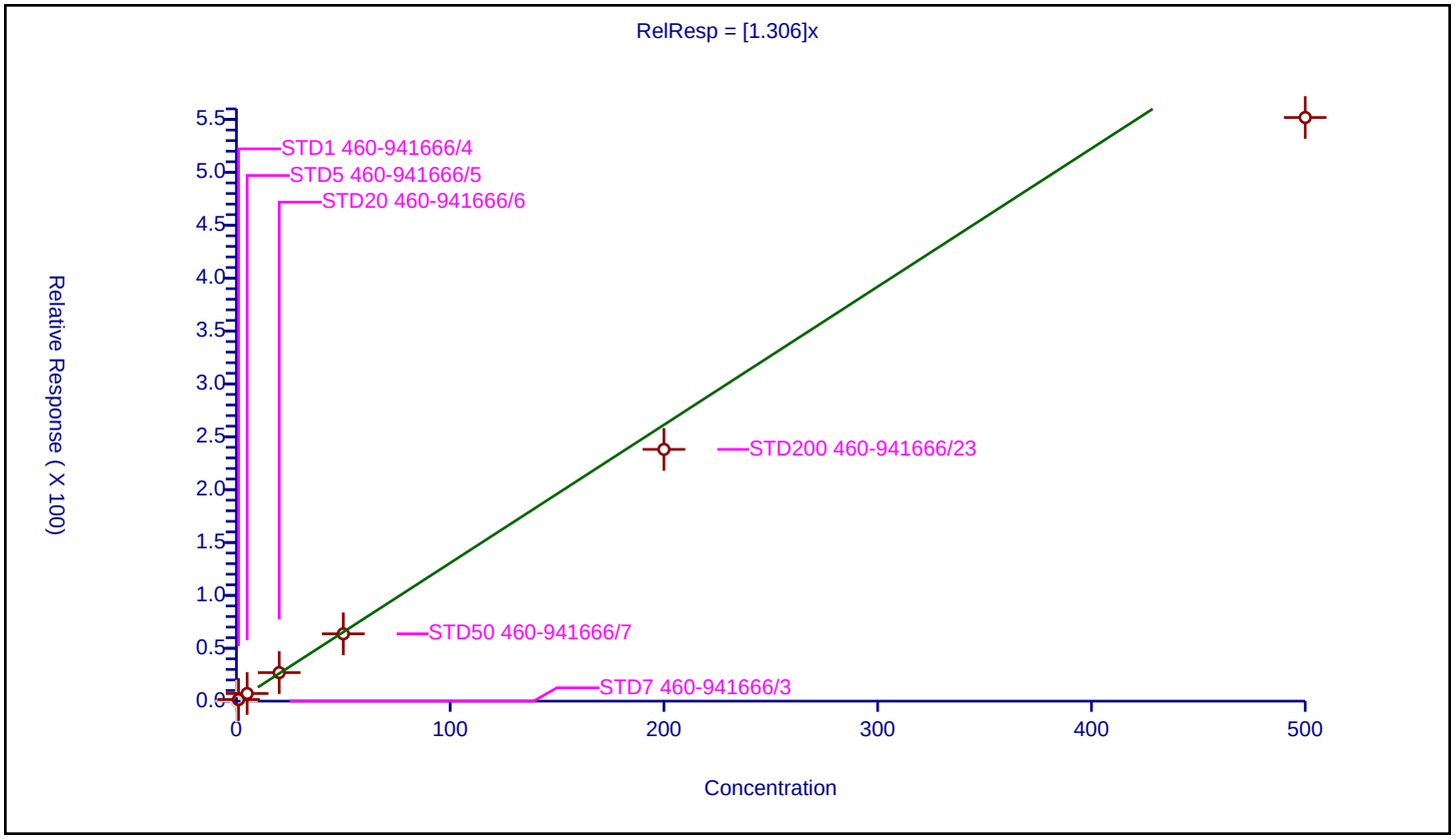
Curve Coefficients

Intercept:	0
Slope:	1.306

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	11.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	1.486327	50.0	469984.0	1.486327	Y
3	STD5 460-941666/5	5.0	7.186041	50.0	459335.0	1.437208	Y
4	STD20 460-941666/6	20.0	26.95068	50.0	456892.0	1.347534	Y
5	STD50 460-941666/7	50.0	63.66125	50.0	446760.0	1.273225	Y
6	STD200 460-941666/23	200.0	238.039459	50.0	536765.0	1.190197	Y
7	STD500 460-941666/24	500.0	551.874195	50.0	564109.0	1.103748	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

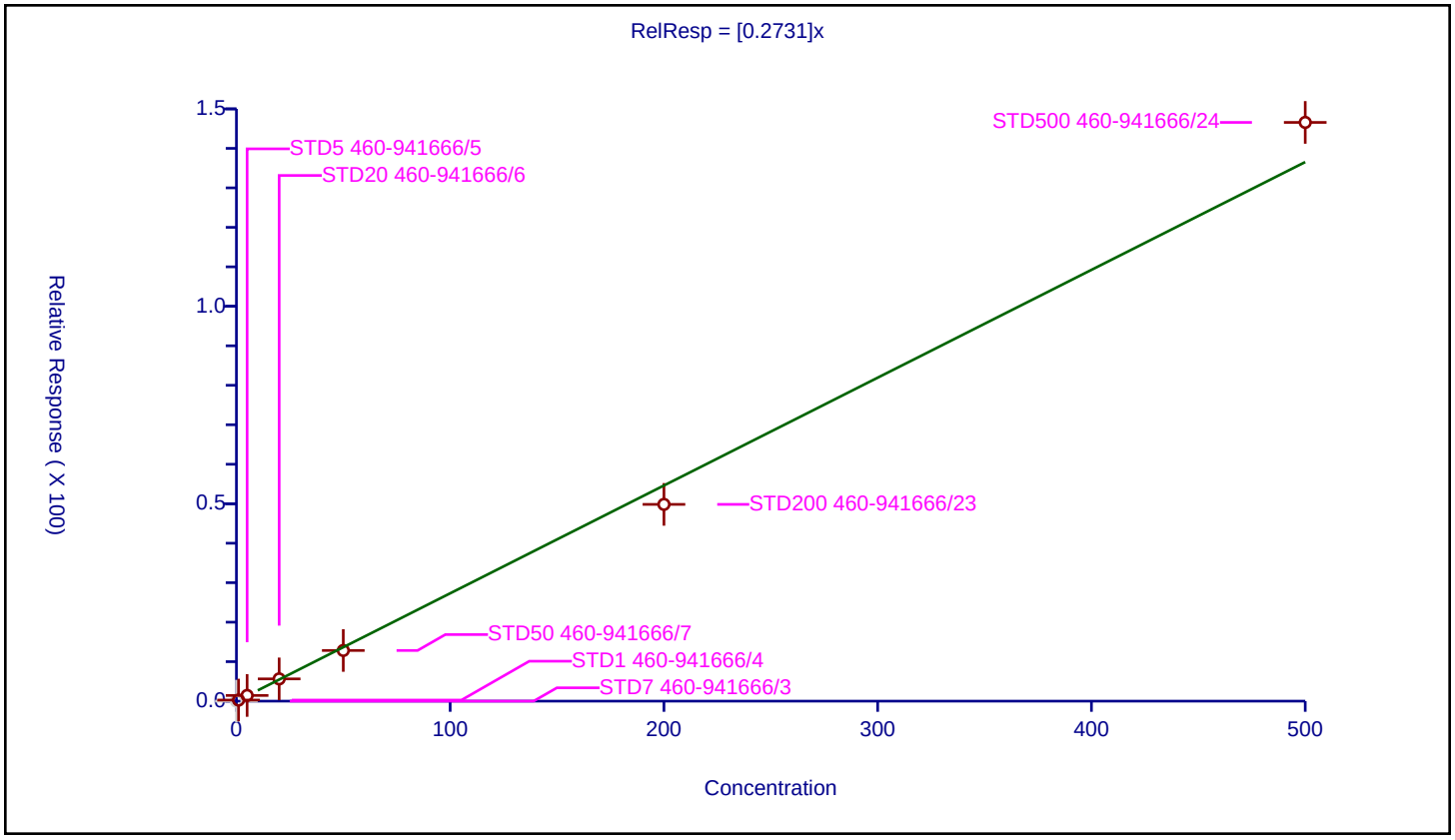
Curve Coefficients

Intercept:	0
Slope:	0.2731

Error Coefficients

Standard Error:	779000
Relative Standard Error:	6.4
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.269903	50.0	469984.0	0.269903	Y
3	STD5 460-941666/5	5.0	1.438275	50.0	459335.0	0.287655	Y
4	STD20 460-941666/6	20.0	5.637984	50.0	456892.0	0.281899	Y
5	STD50 460-941666/7	50.0	12.832057	50.0	446760.0	0.256641	Y
6	STD200 460-941666/23	200.0	49.833354	50.0	536765.0	0.249167	Y
7	STD500 460-941666/24	500.0	146.575307	50.0	564109.0	0.293151	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

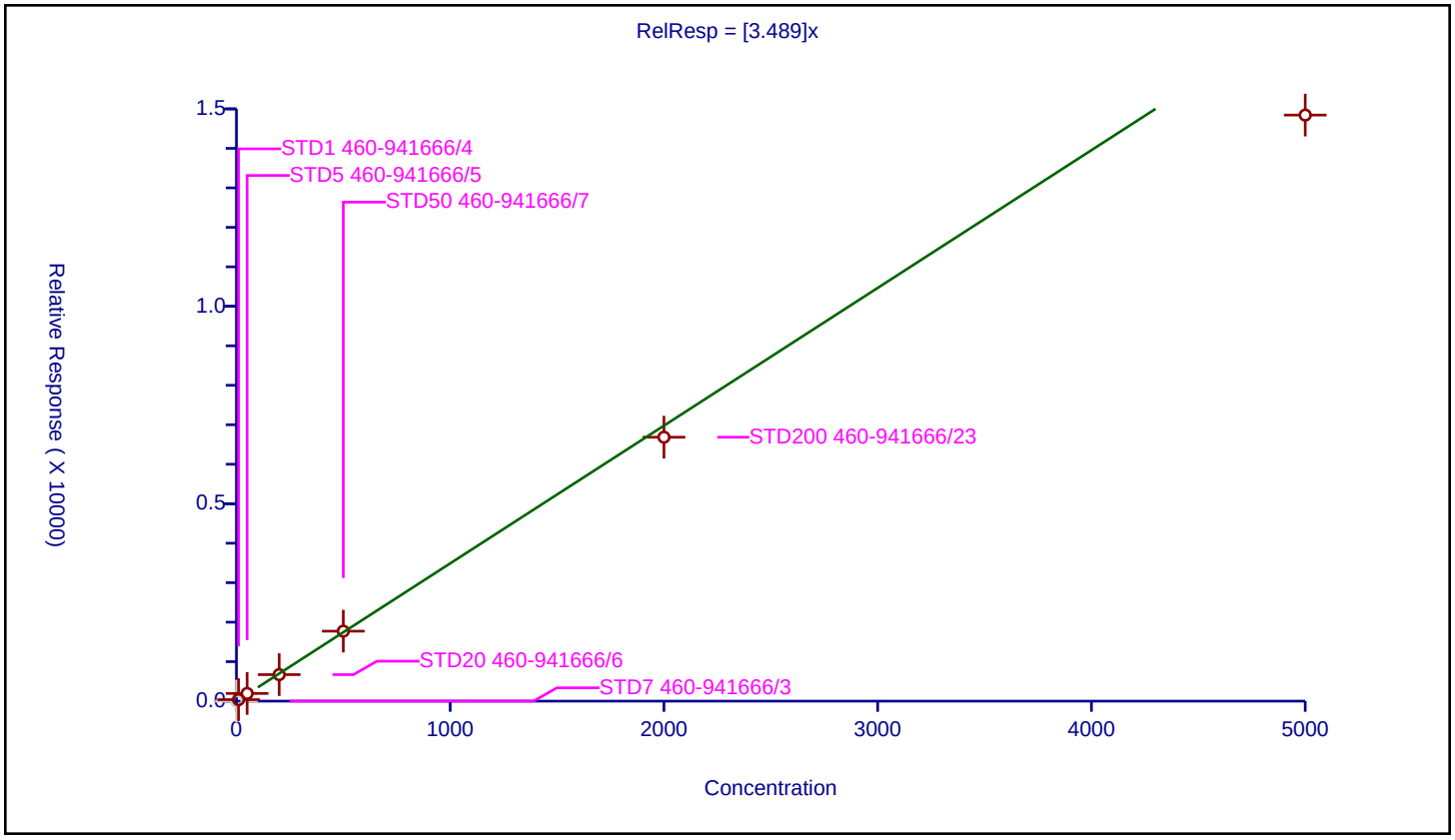
Curve Coefficients

Intercept:	0
Slope:	3.489

Error Coefficients

Standard Error:	689000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	10.0	38.224331	1000.0	89341.0	3.822433	Y
3	STD5 460-941666/5	50.0	194.784553	1000.0	91229.0	3.895691	Y
4	STD20 460-941666/6	200.0	671.545667	1000.0	92232.0	3.357728	Y
5	STD50 460-941666/7	500.0	1772.264898	1000.0	81103.0	3.54453	Y
6	STD200 460-941666/23	2000.0	6684.730177	1000.0	88521.0	3.342365	Y
7	STD500 460-941666/24	5000.0	14843.382224	1000.0	96611.0	2.968676	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

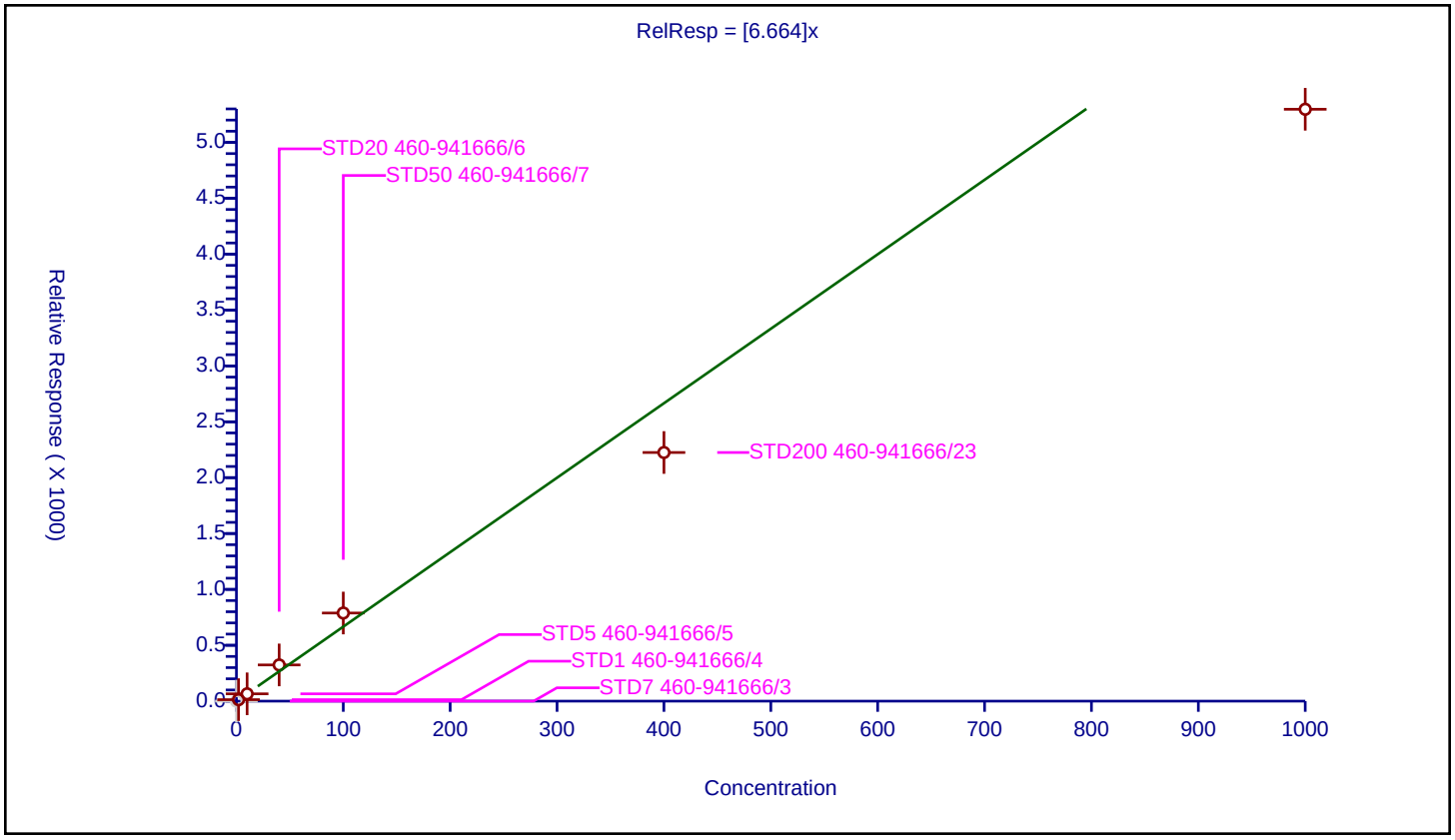
Curve Coefficients

Intercept:	0
Slope:	6.664

Error Coefficients

Standard Error:	244000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	2.0	13.196629	1000.0	89341.0	6.598314	Y
3	STD5 460-941666/5	10.0	65.395872	1000.0	91229.0	6.539587	Y
4	STD20 460-941666/6	40.0	324.128285	1000.0	92232.0	8.103207	Y
5	STD50 460-941666/7	100.0	788.626808	1000.0	81103.0	7.886268	Y
6	STD200 460-941666/23	400.0	2225.042645	1000.0	88521.0	5.562607	Y
7	STD500 460-941666/24	1000.0	5296.726046	1000.0	96611.0	5.296726	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

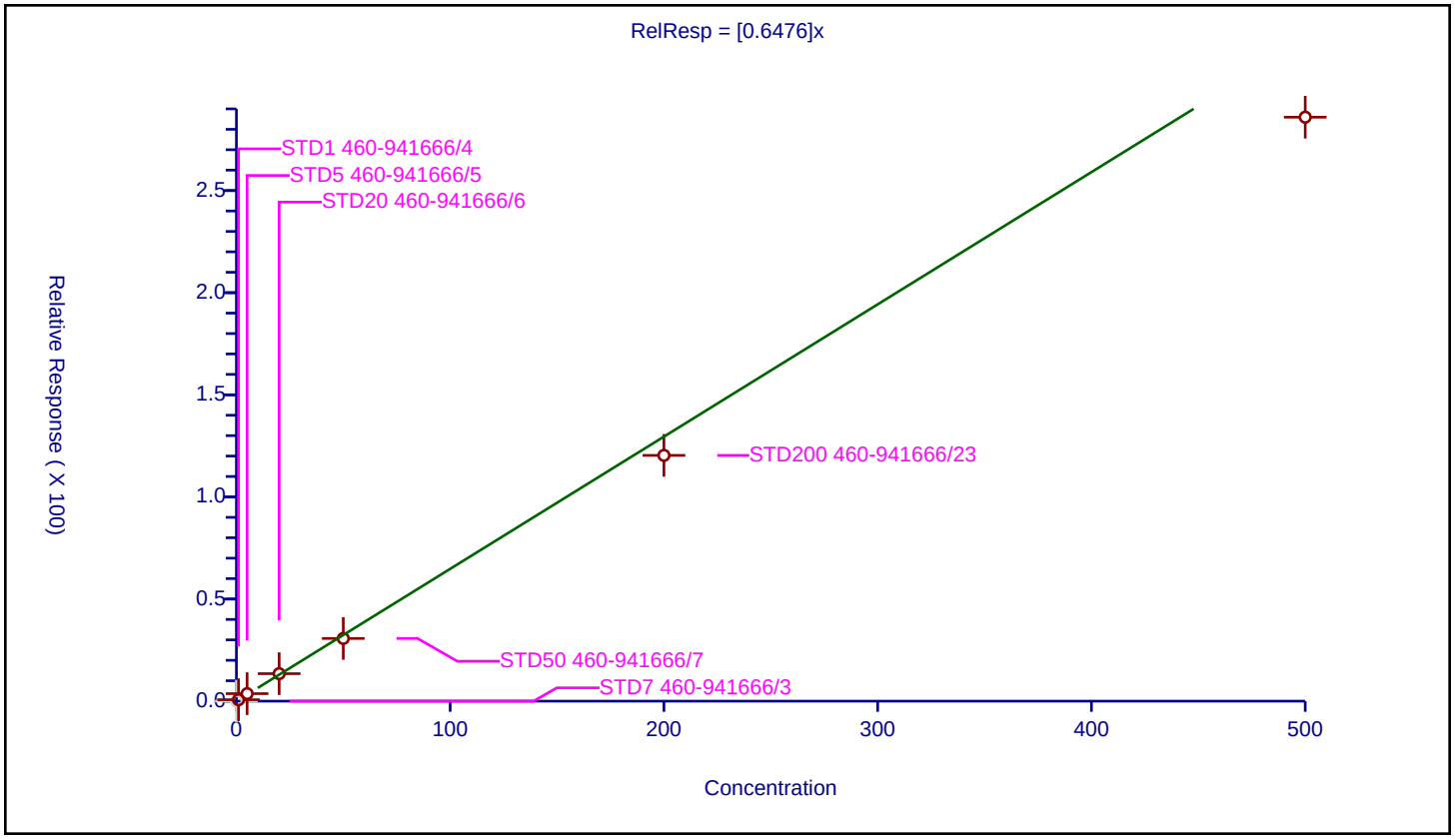
Curve Coefficients

Intercept:	0
Slope:	0.6476

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.692045	50.0	469984.0	0.692045	Y
3	STD5 460-941666/5	5.0	3.666932	50.0	459335.0	0.733386	Y
4	STD20 460-941666/6	20.0	13.453289	50.0	456892.0	0.672664	Y
5	STD50 460-941666/7	50.0	30.698585	50.0	446760.0	0.613972	Y
6	STD200 460-941666/23	200.0	120.34326	50.0	536765.0	0.601716	Y
7	STD500 460-941666/24	500.0	285.935342	50.0	564109.0	0.571871	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

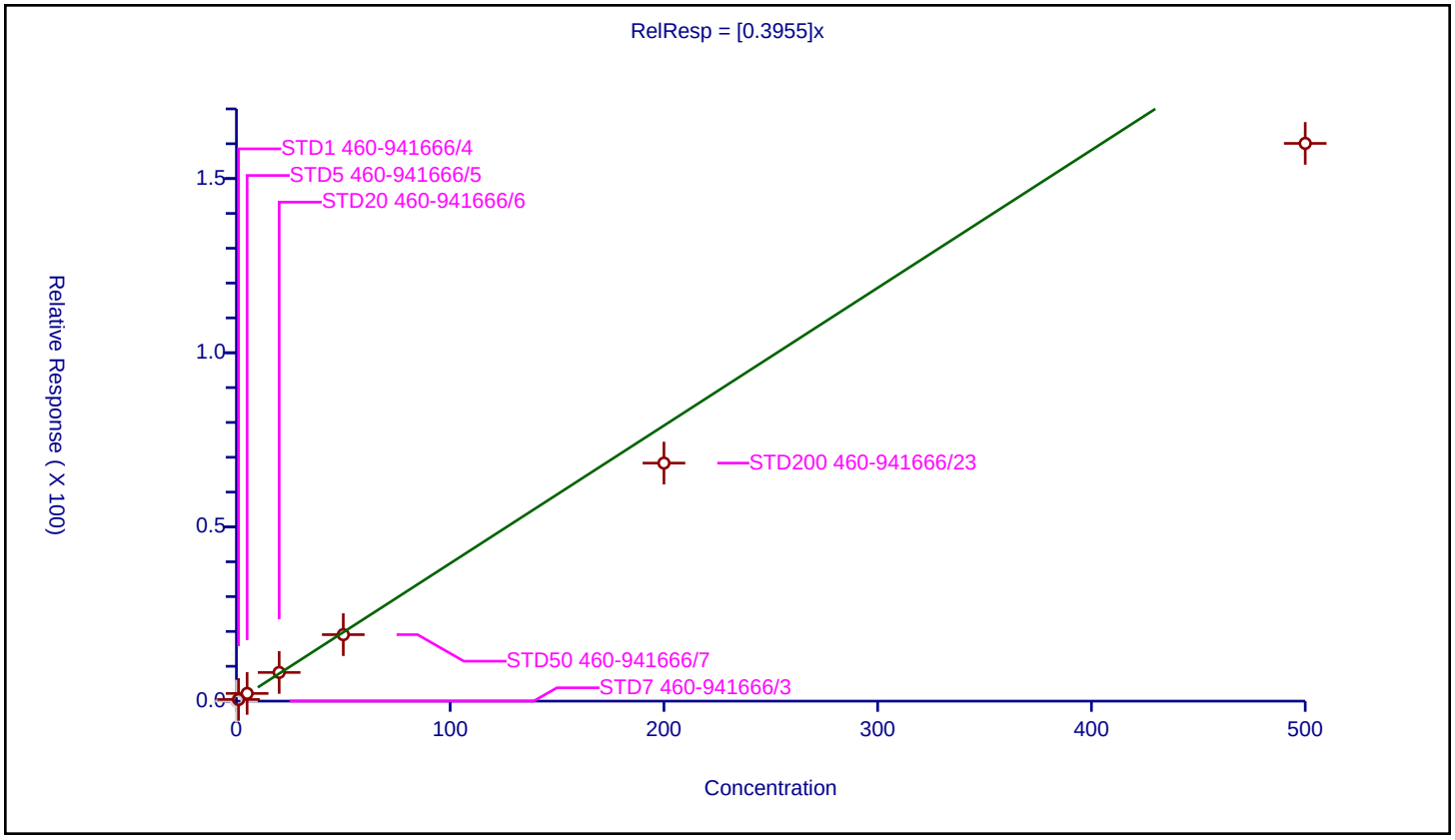
Curve Coefficients

Intercept:	0
Slope:	0.3955

Error Coefficients

Standard Error:	876000
Relative Standard Error:	15.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.47491	50.0	469984.0	0.47491	Y
3	STD5 460-941666/5	5.0	2.211676	50.0	459335.0	0.442335	Y
4	STD20 460-941666/6	20.0	8.239584	50.0	456892.0	0.411979	Y
5	STD50 460-941666/7	50.0	19.082281	50.0	446760.0	0.381646	Y
6	STD200 460-941666/23	200.0	68.329809	50.0	536765.0	0.341649	Y
7	STD500 460-941666/24	500.0	160.09991	50.0	564109.0	0.3202	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

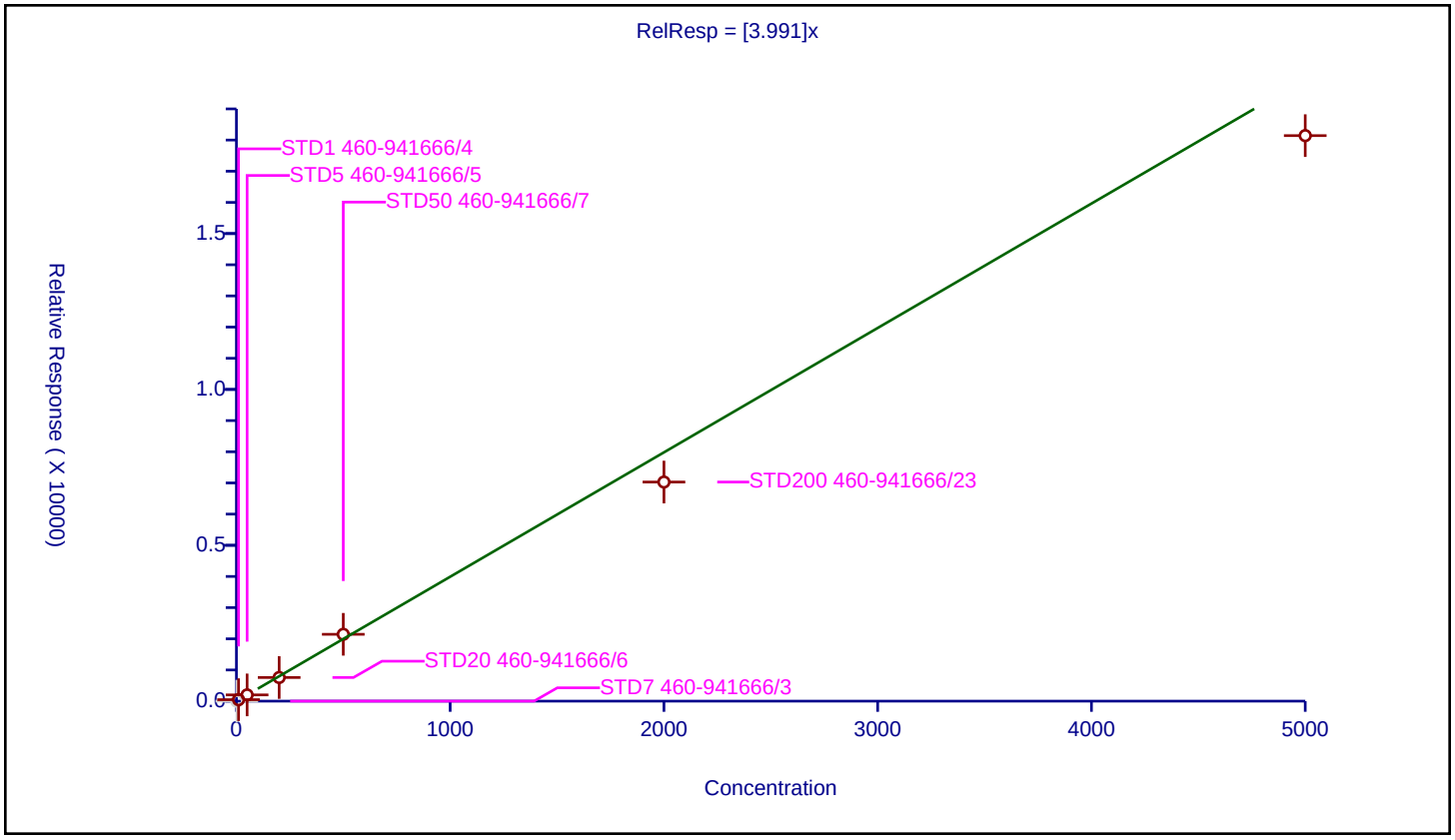
Curve Coefficients

Intercept:	0
Slope:	3.991

Error Coefficients

Standard Error:	826000
Relative Standard Error:	11.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	2.0	0.0	1000.0	97128.0	0.0	N
2	STD1 460-941666/4	10.0	47.134015	1000.0	89341.0	4.713401	Y
3	STD5 460-941666/5	50.0	200.407765	1000.0	91229.0	4.008155	Y
4	STD20 460-941666/6	200.0	758.120826	1000.0	92232.0	3.790604	Y
5	STD50 460-941666/7	500.0	2143.977411	1000.0	81103.0	4.287955	Y
6	STD200 460-941666/23	2000.0	7029.20211	1000.0	88521.0	3.514601	Y
7	STD500 460-941666/24	5000.0	18142.168076	1000.0	96611.0	3.628434	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

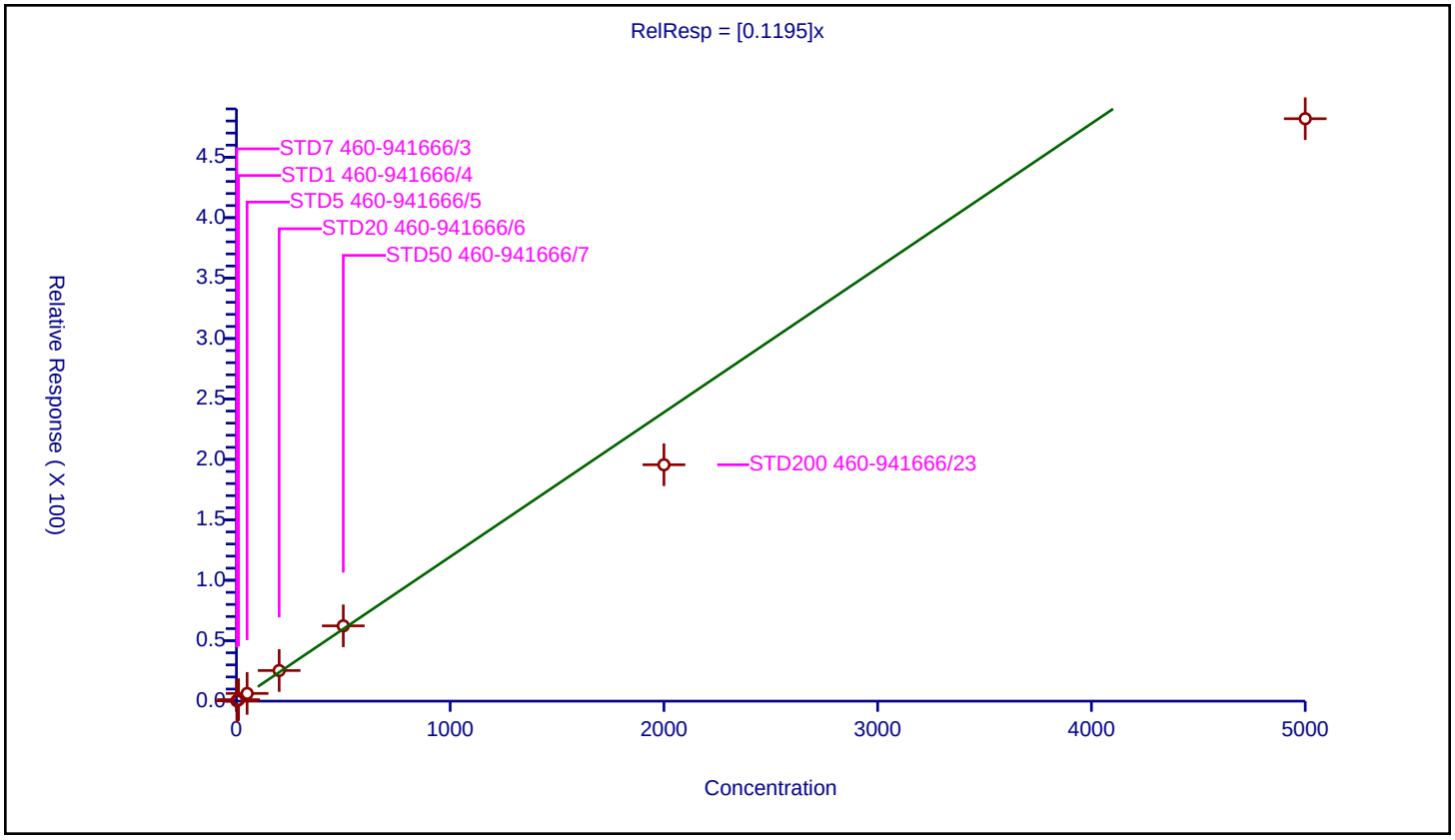
Curve Coefficients

Intercept:	0
Slope:	0.1195

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	13.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	2.0	0.283175	50.0	470911.0	0.141587	Y
2	STD1 460-941666/4	10.0	1.218765	50.0	469984.0	0.121876	Y
3	STD5 460-941666/5	50.0	6.372473	50.0	459335.0	0.127449	Y
4	STD20 460-941666/6	200.0	25.338811	50.0	456892.0	0.126694	Y
5	STD50 460-941666/7	500.0	62.2793	50.0	446760.0	0.124559	Y
6	STD200 460-941666/23	2000.0	195.567893	50.0	536765.0	0.097784	Y
7	STD500 460-941666/24	5000.0	481.878679	50.0	564109.0	0.096376	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

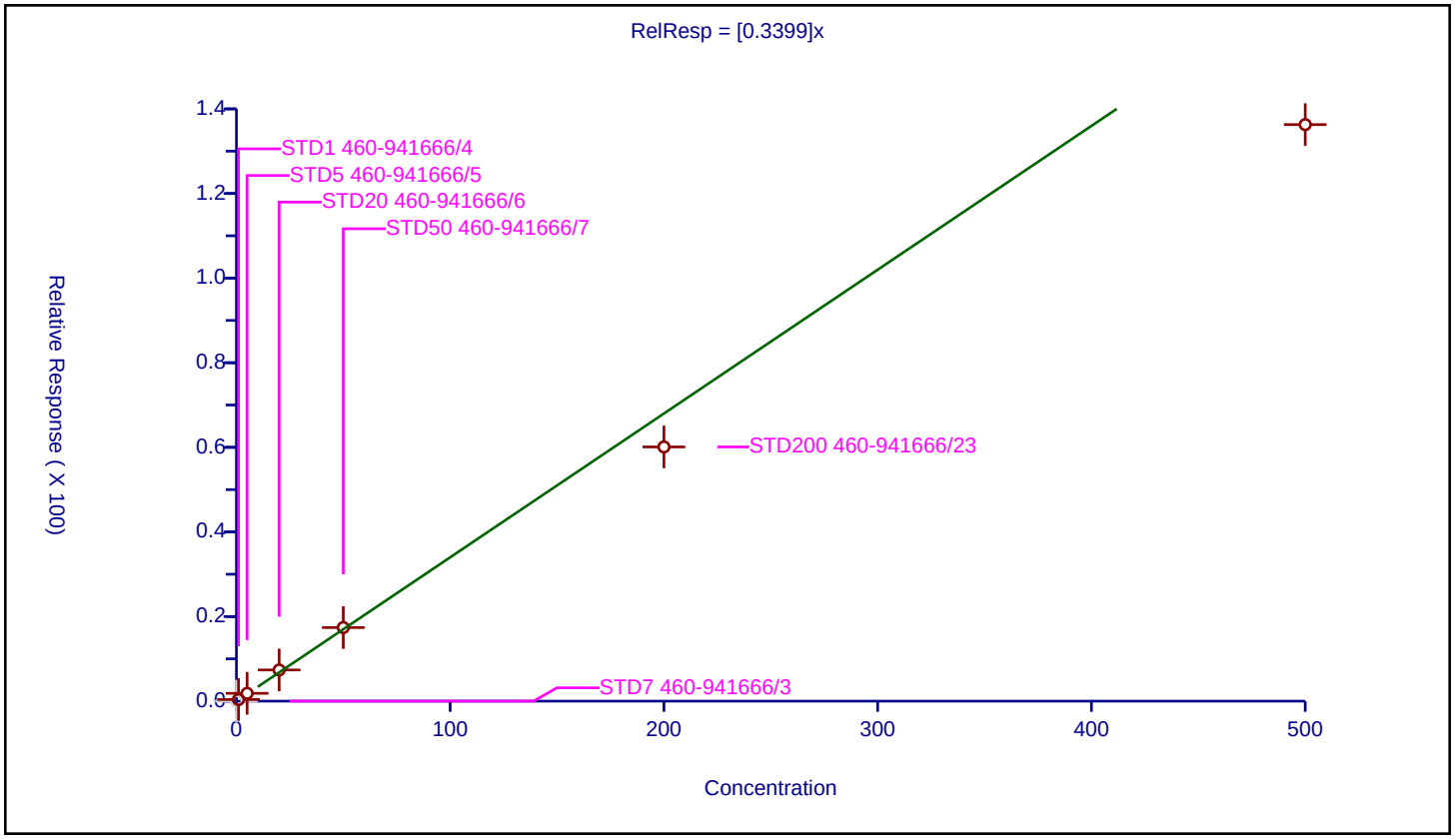
Curve Coefficients

Intercept:	0
Slope:	0.3399

Error Coefficients

Standard Error:	749000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.380651	50.0	469984.0	0.380651	Y
3	STD5 460-941666/5	5.0	1.847889	50.0	459335.0	0.369578	Y
4	STD20 460-941666/6	20.0	7.369904	50.0	456892.0	0.368495	Y
5	STD50 460-941666/7	50.0	17.394127	50.0	446760.0	0.347883	Y
6	STD200 460-941666/23	200.0	60.092592	50.0	536765.0	0.300463	Y
7	STD500 460-941666/24	500.0	136.282793	50.0	564109.0	0.272566	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

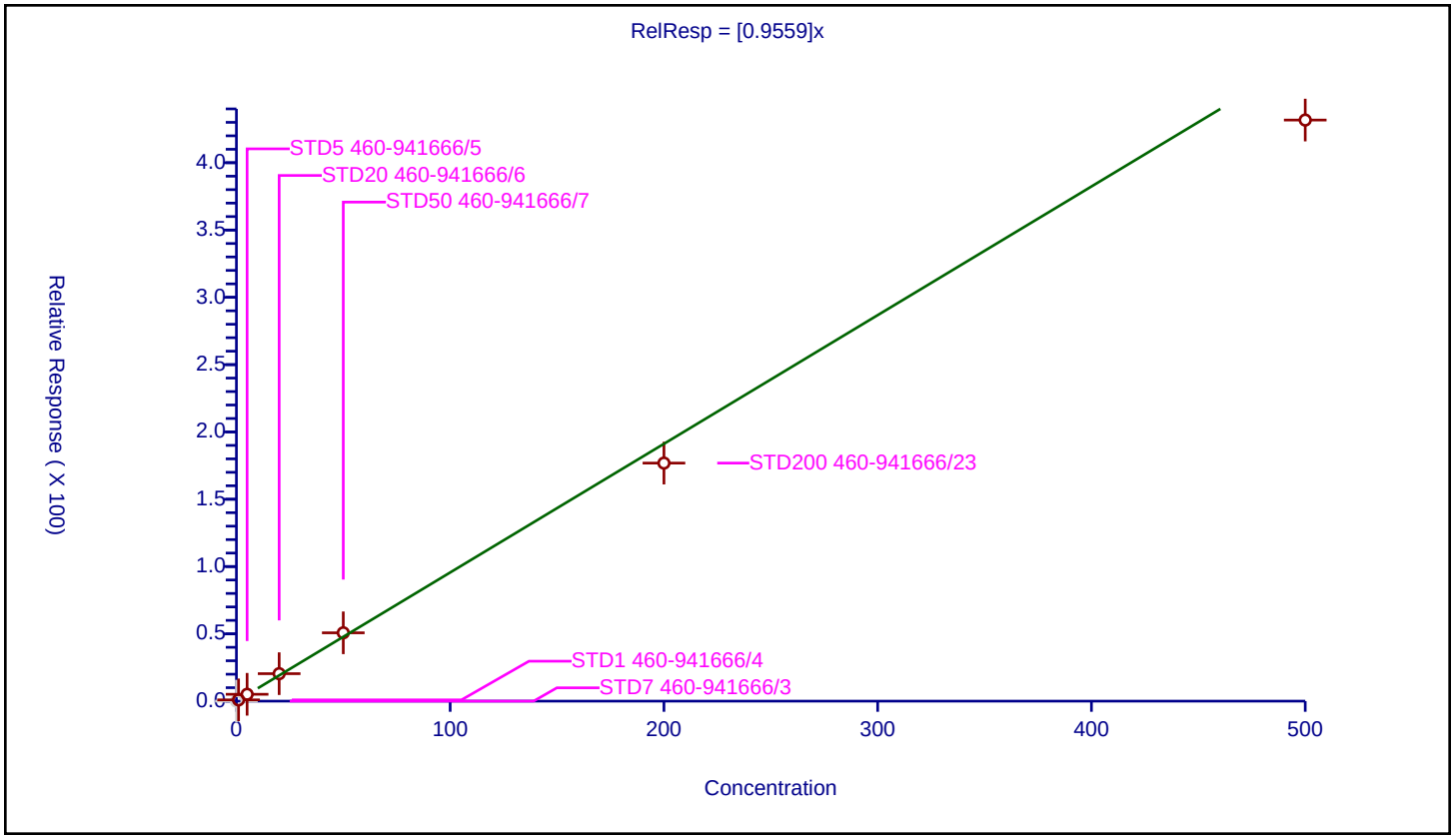
Curve Coefficients

Intercept:	0
Slope:	0.9559

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.932372	50.0	469984.0	0.932372	Y
3	STD5 460-941666/5	5.0	5.097913	50.0	459335.0	1.019583	Y
4	STD20 460-941666/6	20.0	20.405041	50.0	456892.0	1.020252	Y
5	STD50 460-941666/7	50.0	50.769317	50.0	446760.0	1.015386	Y
6	STD200 460-941666/23	200.0	176.849552	50.0	536765.0	0.884248	Y
7	STD500 460-941666/24	500.0	431.705663	50.0	564109.0	0.863411	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

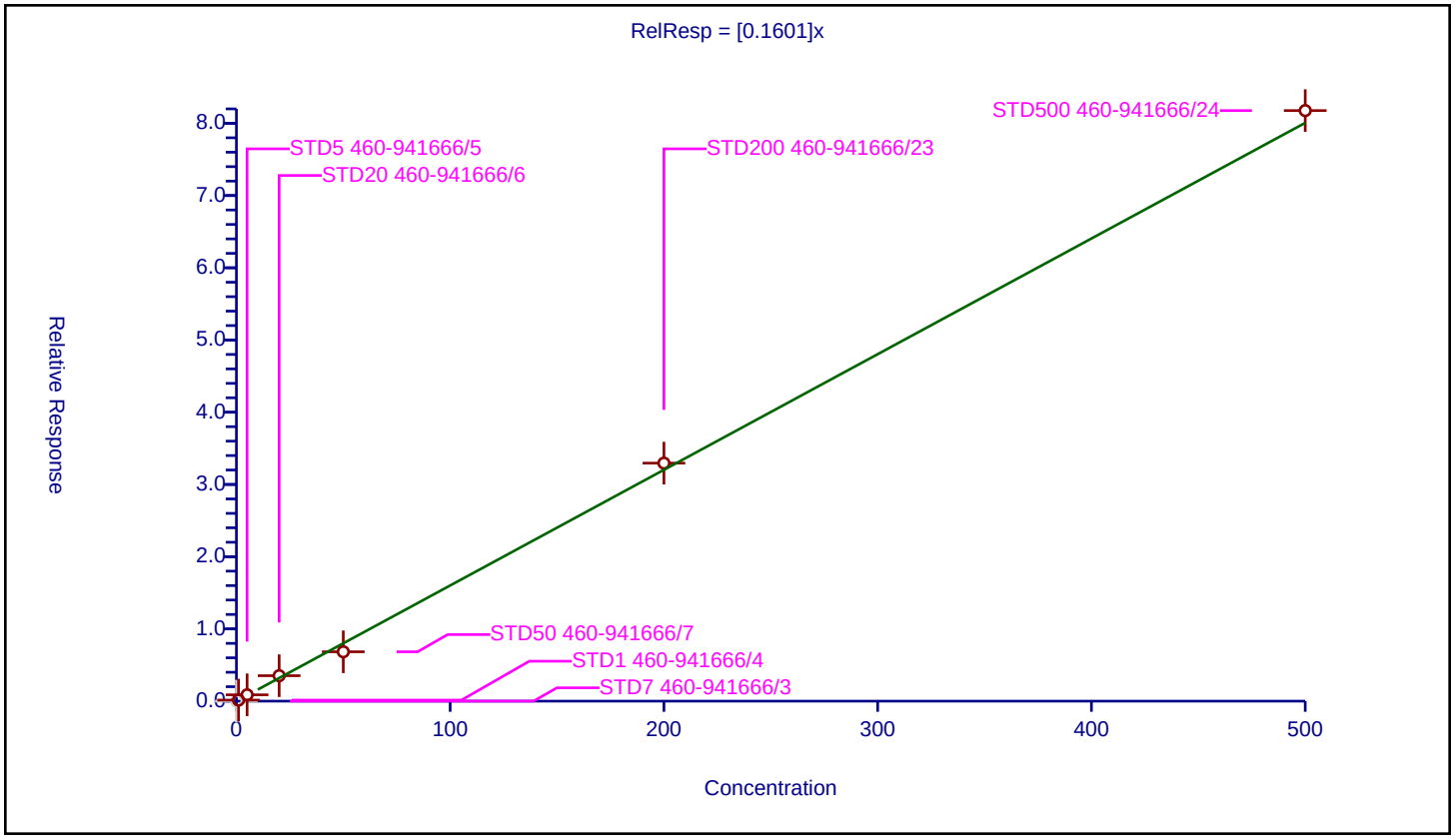
Curve Coefficients

Intercept:	0
Slope:	0.1601

Error Coefficients

Standard Error:	443000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.144792	50.0	469984.0	0.144792	Y
3	STD5 460-941666/5	5.0	0.874199	50.0	459335.0	0.17484	Y
4	STD20 460-941666/6	20.0	3.523371	50.0	456892.0	0.176169	Y
5	STD50 460-941666/7	50.0	6.833311	50.0	446760.0	0.136666	Y
6	STD200 460-941666/23	200.0	32.954459	50.0	536765.0	0.164772	Y
7	STD500 460-941666/24	500.0	81.76496	50.0	564109.0	0.16353	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

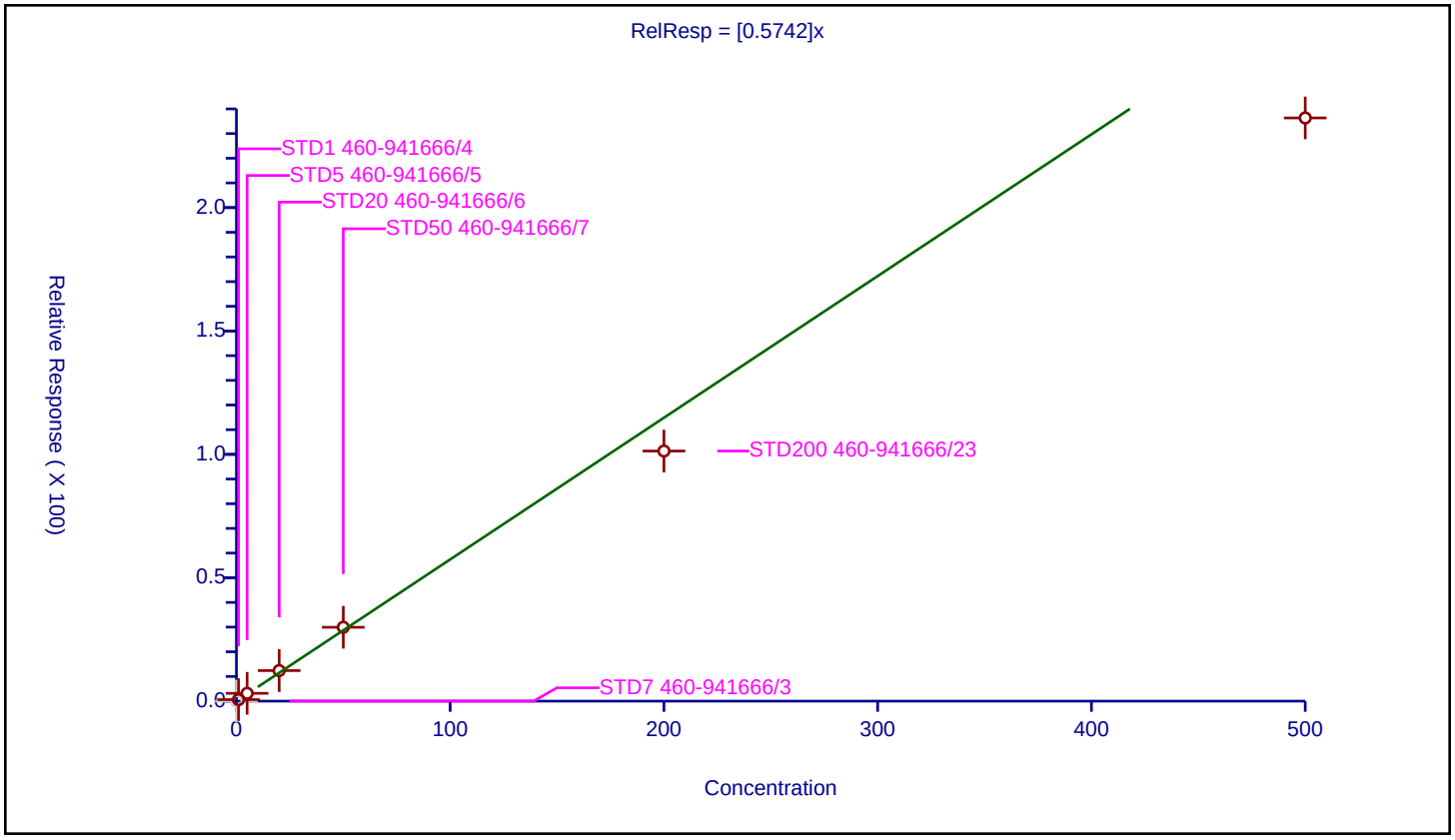
Curve Coefficients

Intercept:	0
Slope:	0.5742

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	11.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.613425	50.0	469984.0	0.613425	Y
3	STD5 460-941666/5	5.0	3.172957	50.0	459335.0	0.634591	Y
4	STD20 460-941666/6	20.0	12.38181	50.0	456892.0	0.619091	Y
5	STD50 460-941666/7	50.0	29.931283	50.0	446760.0	0.598626	Y
6	STD200 460-941666/23	200.0	101.349566	50.0	536765.0	0.506748	Y
7	STD500 460-941666/24	500.0	236.332517	50.0	564109.0	0.472665	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

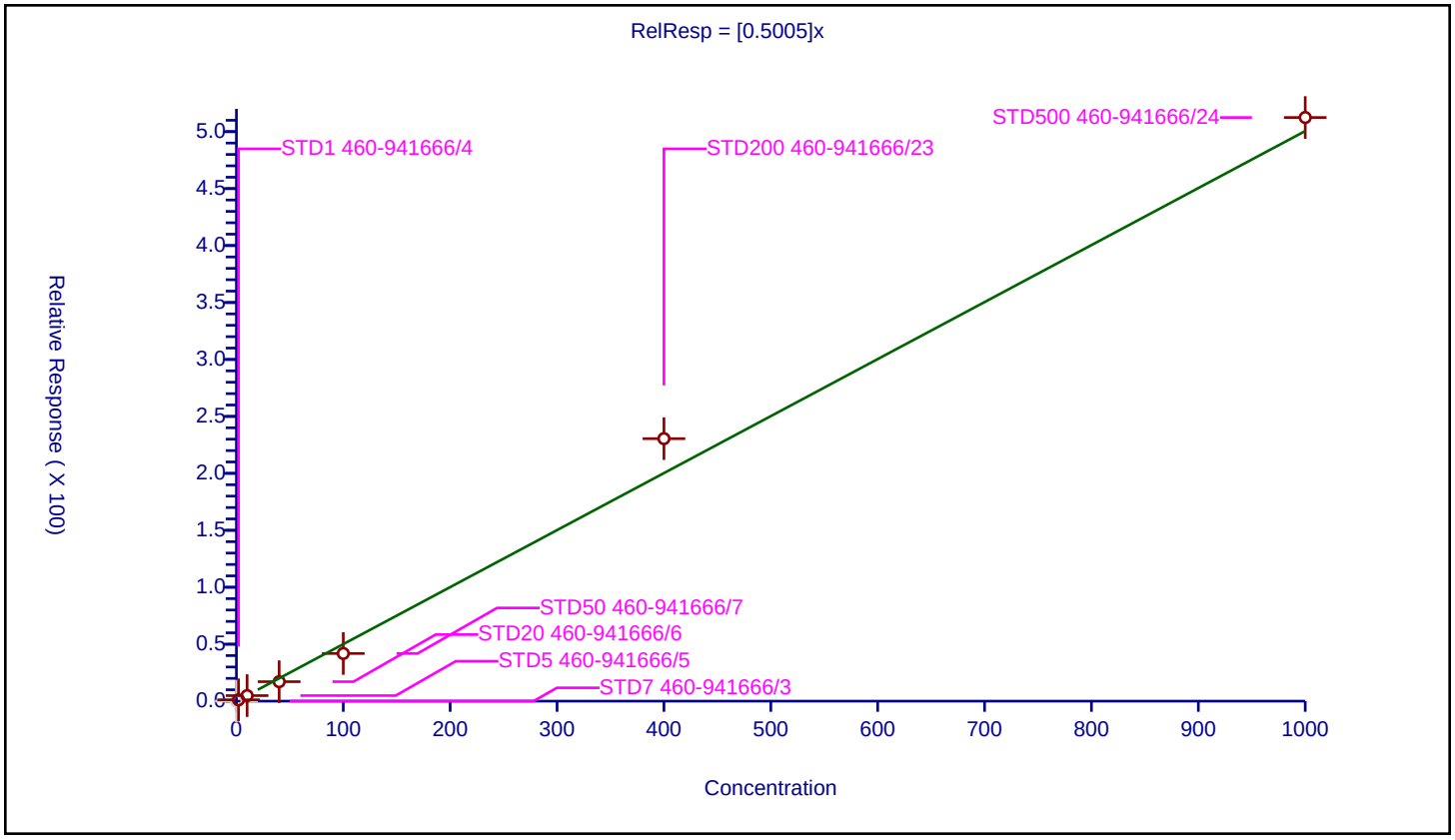
Curve Coefficients

Intercept:	0
Slope:	0.5005

Error Coefficients

Standard Error:	305000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	2.0	1.169099	250.0	257677.0	0.58455	Y
3	STD5 460-941666/5	10.0	4.844222	250.0	258091.0	0.484422	Y
4	STD20 460-941666/6	40.0	17.085403	250.0	255013.0	0.427135	Y
5	STD50 460-941666/7	100.0	41.841563	250.0	252769.0	0.418416	Y
6	STD200 460-941666/23	400.0	230.472746	250.0	271774.0	0.576182	Y
7	STD500 460-941666/24	1000.0	512.415438	250.0	308648.0	0.512415	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

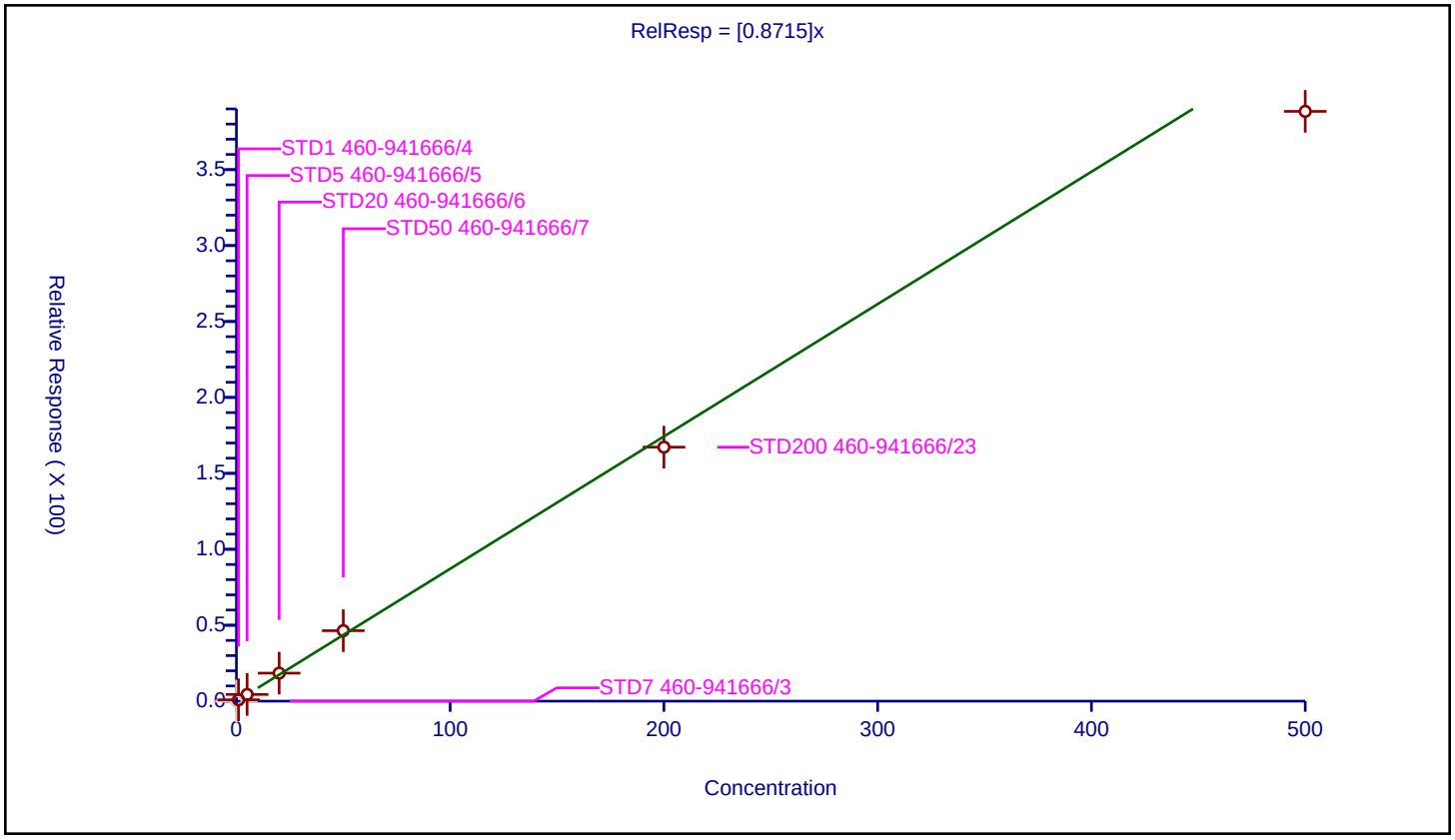
Curve Coefficients

Intercept:	0
Slope:	0.8715

Error Coefficients

Standard Error:	2130000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.884605	50.0	469984.0	0.884605	Y
3	STD5 460-941666/5	5.0	4.407894	50.0	459335.0	0.881579	Y
4	STD20 460-941666/6	20.0	18.437289	50.0	456892.0	0.921864	Y
5	STD50 460-941666/7	50.0	46.398178	50.0	446760.0	0.927964	Y
6	STD200 460-941666/23	200.0	167.251963	50.0	536765.0	0.83626	Y
7	STD500 460-941666/24	500.0	388.367319	50.0	564109.0	0.776735	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

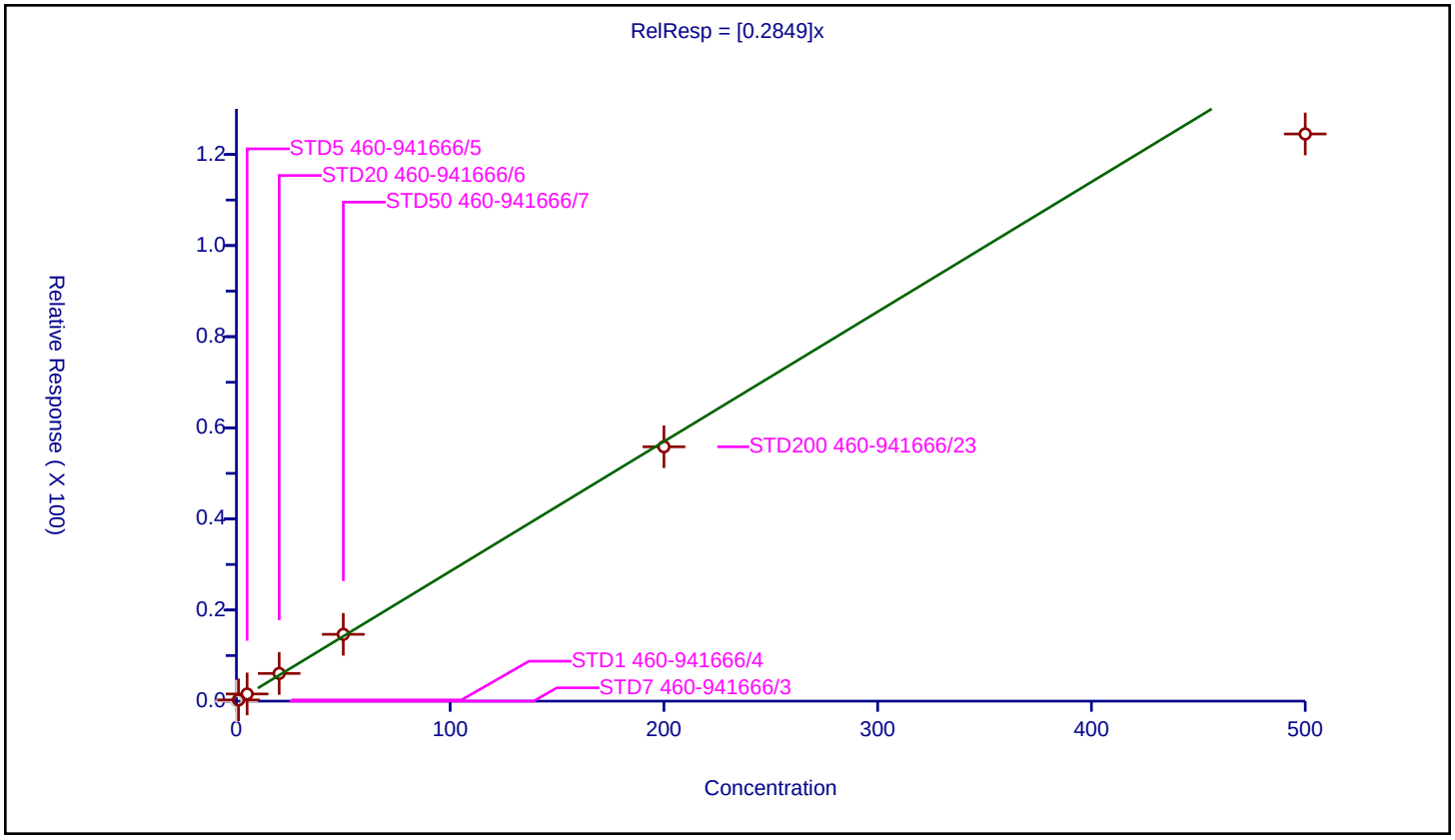
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Standard Error:	686000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.268839	50.0	469984.0	0.268839	Y
3	STD5 460-941666/5	5.0	1.575647	50.0	459335.0	0.315129	Y
4	STD20 460-941666/6	20.0	6.08054	50.0	456892.0	0.304027	Y
5	STD50 460-941666/7	50.0	14.667495	50.0	446760.0	0.29335	Y
6	STD200 460-941666/23	200.0	55.833	50.0	536765.0	0.279165	Y
7	STD500 460-941666/24	500.0	124.49828	50.0	564109.0	0.248997	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

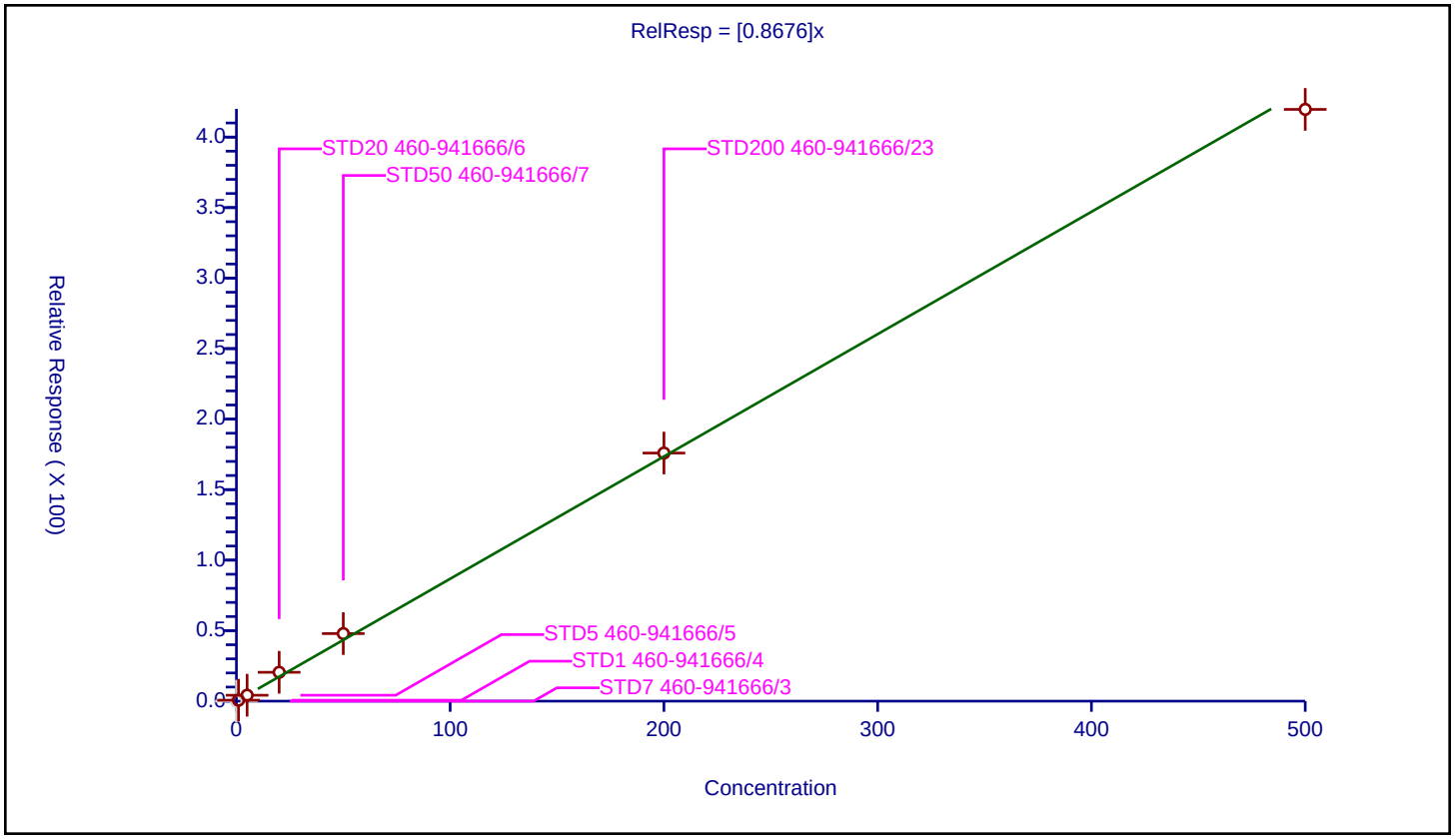
Curve Coefficients

Intercept:	0
Slope:	0.8676

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.667682	50.0	469984.0	0.667682	Y
3	STD5 460-941666/5	5.0	4.184854	50.0	459335.0	0.836971	Y
4	STD20 460-941666/6	20.0	20.472562	50.0	456892.0	1.023628	Y
5	STD50 460-941666/7	50.0	47.909504	50.0	446760.0	0.95819	Y
6	STD200 460-941666/23	200.0	175.931553	50.0	536765.0	0.879658	Y
7	STD500 460-941666/24	500.0	419.640796	50.0	564109.0	0.839282	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

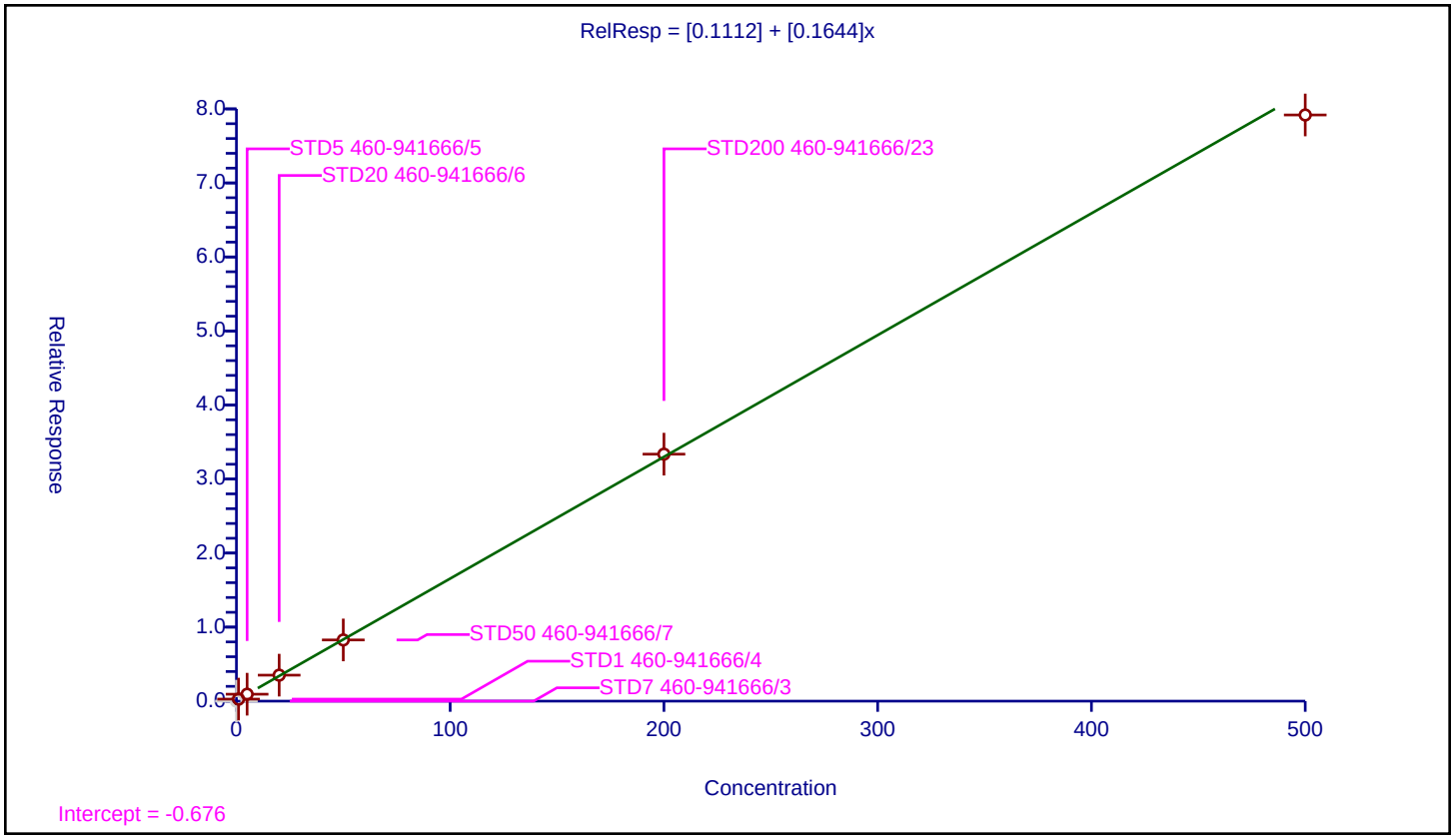
Curve Coefficients

Intercept:	0.1112
Slope:	0.1644

Error Coefficients

Standard Error:	483000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.275222	50.0	469984.0	0.275222	Y
3	STD5 460-941666/5	5.0	0.937224	50.0	459335.0	0.187445	Y
4	STD20 460-941666/6	20.0	3.508707	50.0	456892.0	0.175435	Y
5	STD50 460-941666/7	50.0	8.265288	50.0	446760.0	0.165306	Y
6	STD200 460-941666/23	200.0	33.364787	50.0	536765.0	0.166824	Y
7	STD500 460-941666/24	500.0	79.17929	50.0	564109.0	0.158359	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

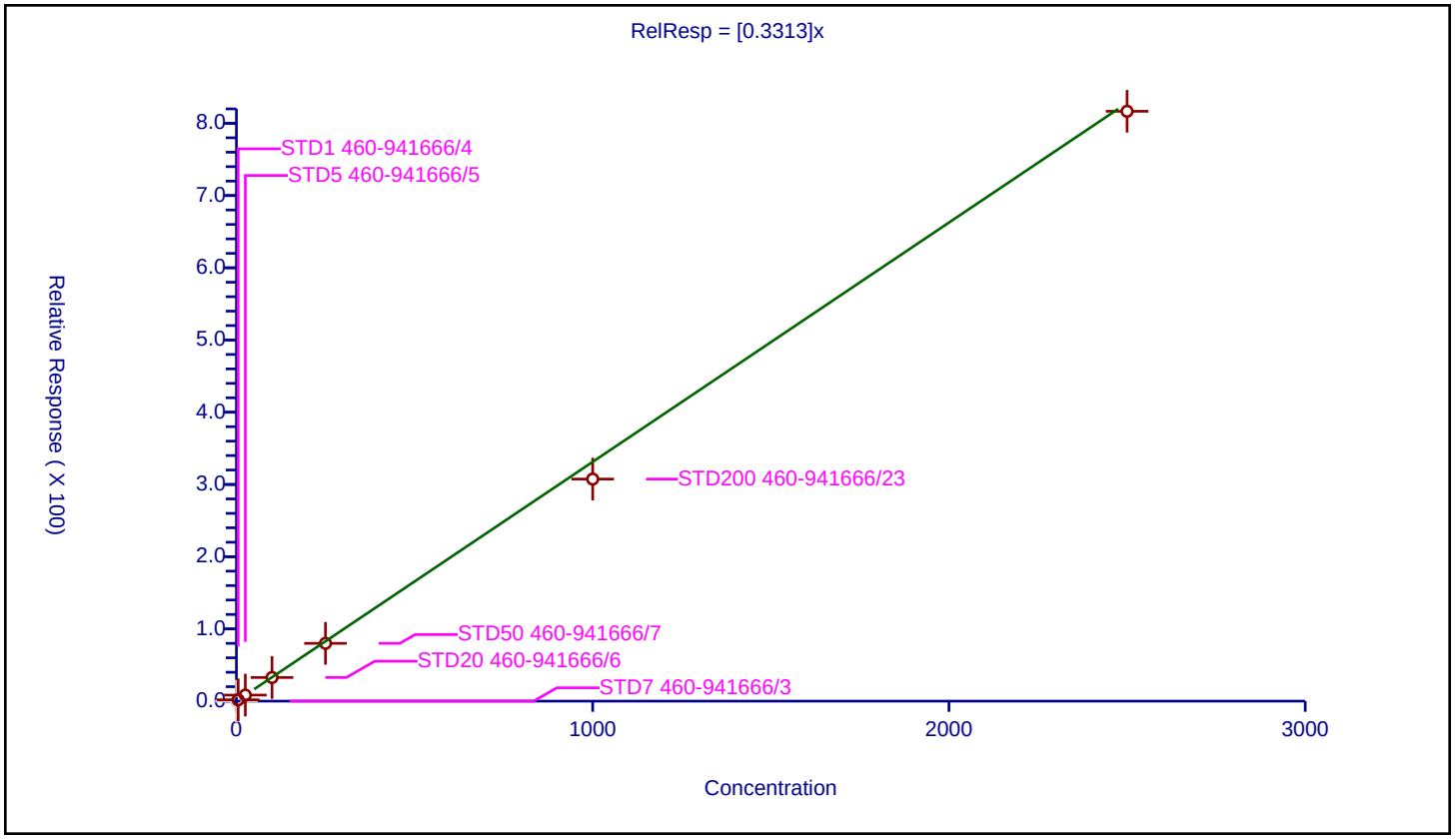
Curve Coefficients

Intercept:	0
Slope:	0.3313

Error Coefficients

Standard Error:	476000
Relative Standard Error:	6.5
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	5.0	1.855036	250.0	257677.0	0.371007	Y
3	STD5 460-941666/5	25.0	8.385608	250.0	258091.0	0.335424	Y
4	STD20 460-941666/6	100.0	32.722842	250.0	255013.0	0.327228	Y
5	STD50 460-941666/7	250.0	80.006844	250.0	252769.0	0.320027	Y
6	STD200 460-941666/23	1000.0	307.444789	250.0	271774.0	0.307445	Y
7	STD500 460-941666/24	2500.0	816.665749	250.0	308648.0	0.326666	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

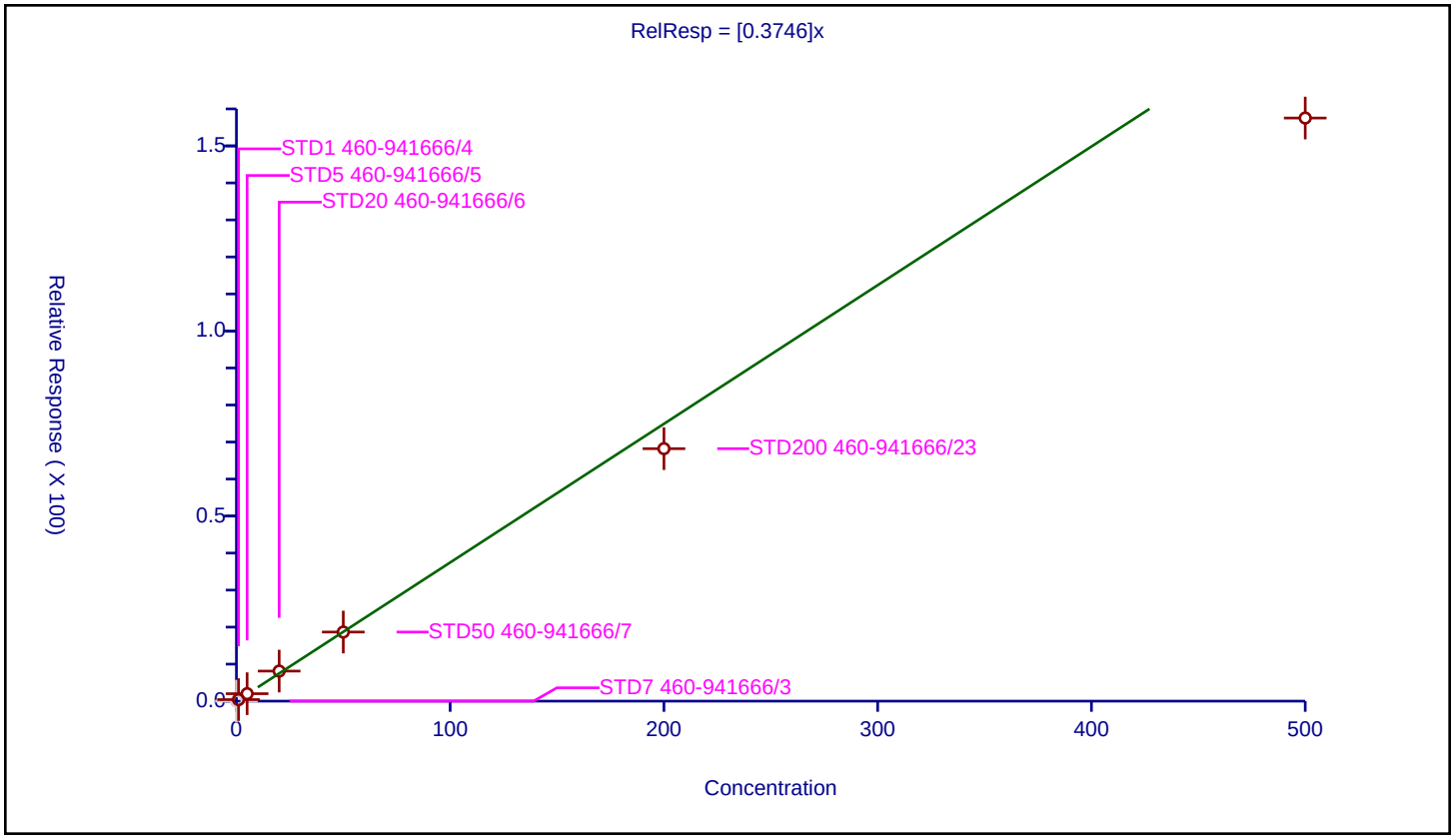
Curve Coefficients

Intercept:	0
Slope:	0.3746

Error Coefficients

Standard Error:	863000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.41044	50.0	469984.0	0.41044	Y
3	STD5 460-941666/5	5.0	2.007903	50.0	459335.0	0.401581	Y
4	STD20 460-941666/6	20.0	8.121394	50.0	456892.0	0.40607	Y
5	STD50 460-941666/7	50.0	18.666062	50.0	446760.0	0.373321	Y
6	STD200 460-941666/23	200.0	68.2089	50.0	536765.0	0.341044	Y
7	STD500 460-941666/24	500.0	157.532587	50.0	564109.0	0.315065	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

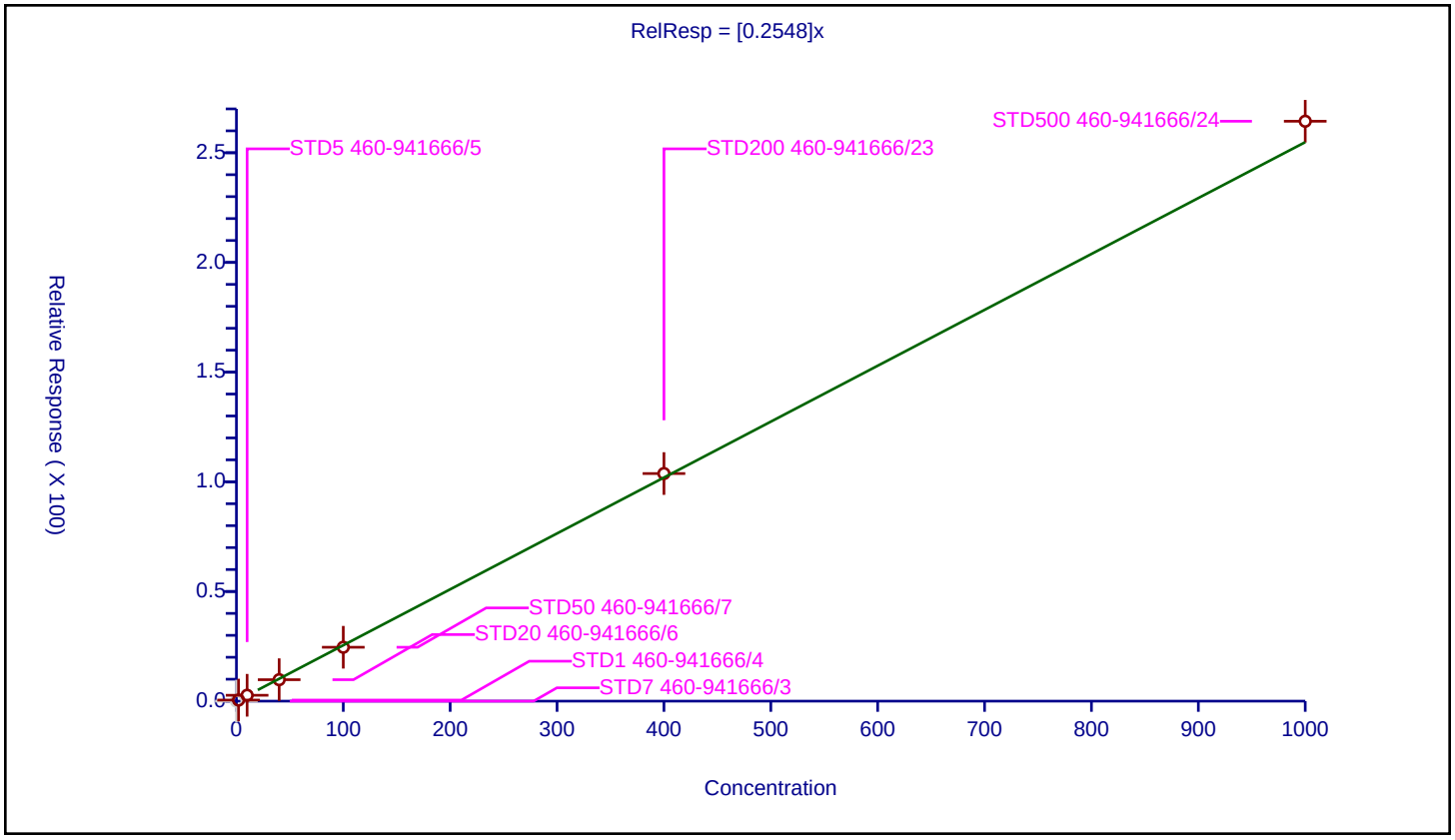
Curve Coefficients

Intercept:	0
Slope:	0.2548

Error Coefficients

Standard Error:	155000
Relative Standard Error:	3.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	2.0	0.495776	250.0	257677.0	0.247888	Y
3	STD5 460-941666/5	10.0	2.671538	250.0	258091.0	0.267154	Y
4	STD20 460-941666/6	40.0	9.776953	250.0	255013.0	0.244424	Y
5	STD50 460-941666/7	100.0	24.57382	250.0	252769.0	0.245738	Y
6	STD200 460-941666/23	400.0	103.756246	250.0	271774.0	0.259391	Y
7	STD500 460-941666/24	1000.0	264.369929	250.0	308648.0	0.26437	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

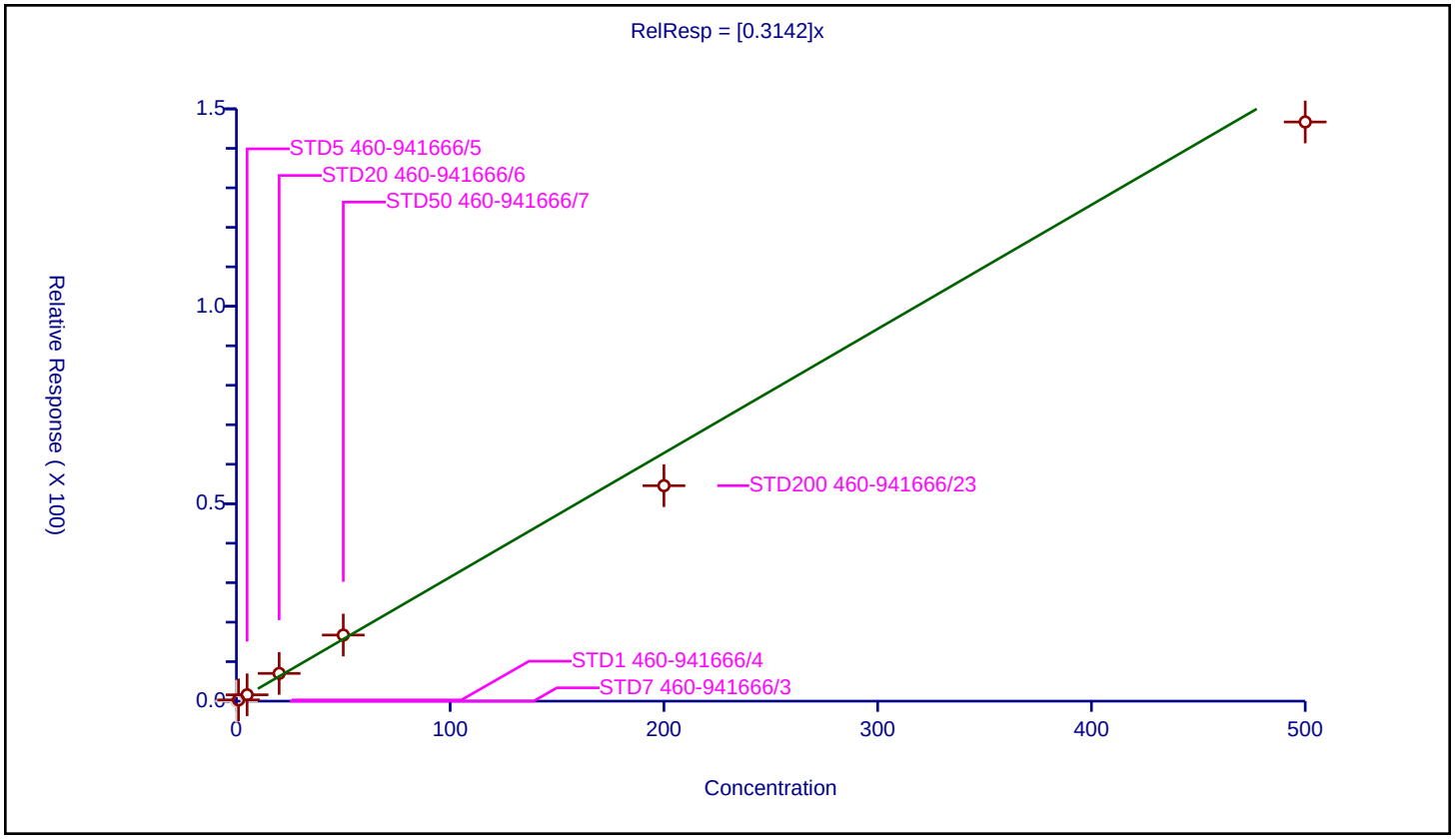
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	788000
Relative Standard Error:	9.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.311394	50.0	469984.0	0.311394	Y
3	STD5 460-941666/5	5.0	1.609392	50.0	459335.0	0.321878	Y
4	STD20 460-941666/6	20.0	7.023979	50.0	456892.0	0.351199	Y
5	STD50 460-941666/7	50.0	16.73751	50.0	446760.0	0.33475	Y
6	STD200 460-941666/23	200.0	54.569691	50.0	536765.0	0.272848	Y
7	STD500 460-941666/24	500.0	146.678036	50.0	564109.0	0.293356	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

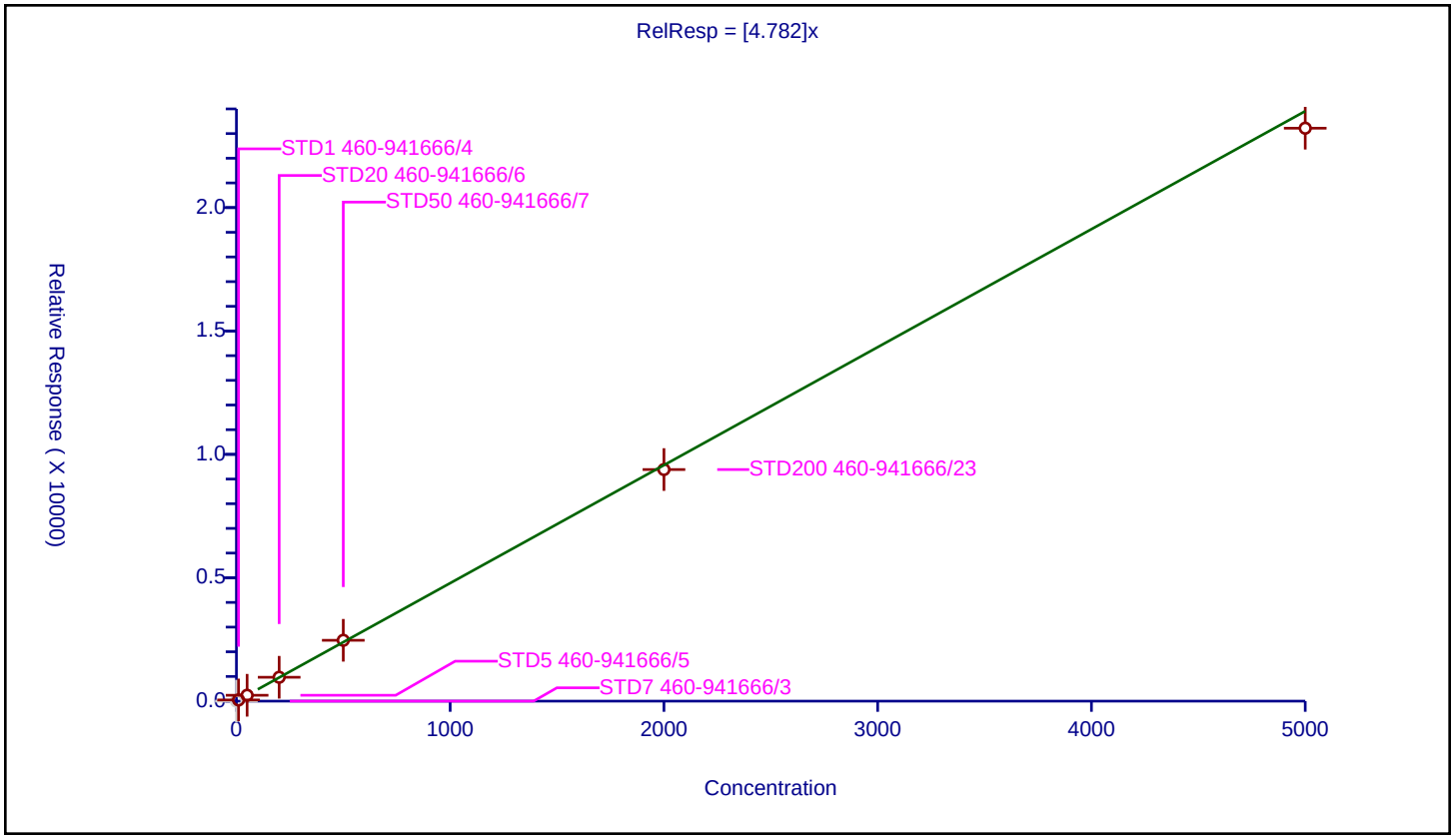
Curve Coefficients

Intercept:	0
Slope:	4.782

Error Coefficients

Standard Error:	1060000
Relative Standard Error:	2.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	10.0	48.264515	1000.0	89341.0	4.826451	Y
3	STD5 460-941666/5	50.0	237.884883	1000.0	91229.0	4.757698	Y
4	STD20 460-941666/6	200.0	967.48417	1000.0	92232.0	4.837421	Y
5	STD50 460-941666/7	500.0	2465.691775	1000.0	81103.0	4.931384	Y
6	STD200 460-941666/23	2000.0	9385.117656	1000.0	88521.0	4.692559	Y
7	STD500 460-941666/24	5000.0	23217.821987	1000.0	96611.0	4.643564	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

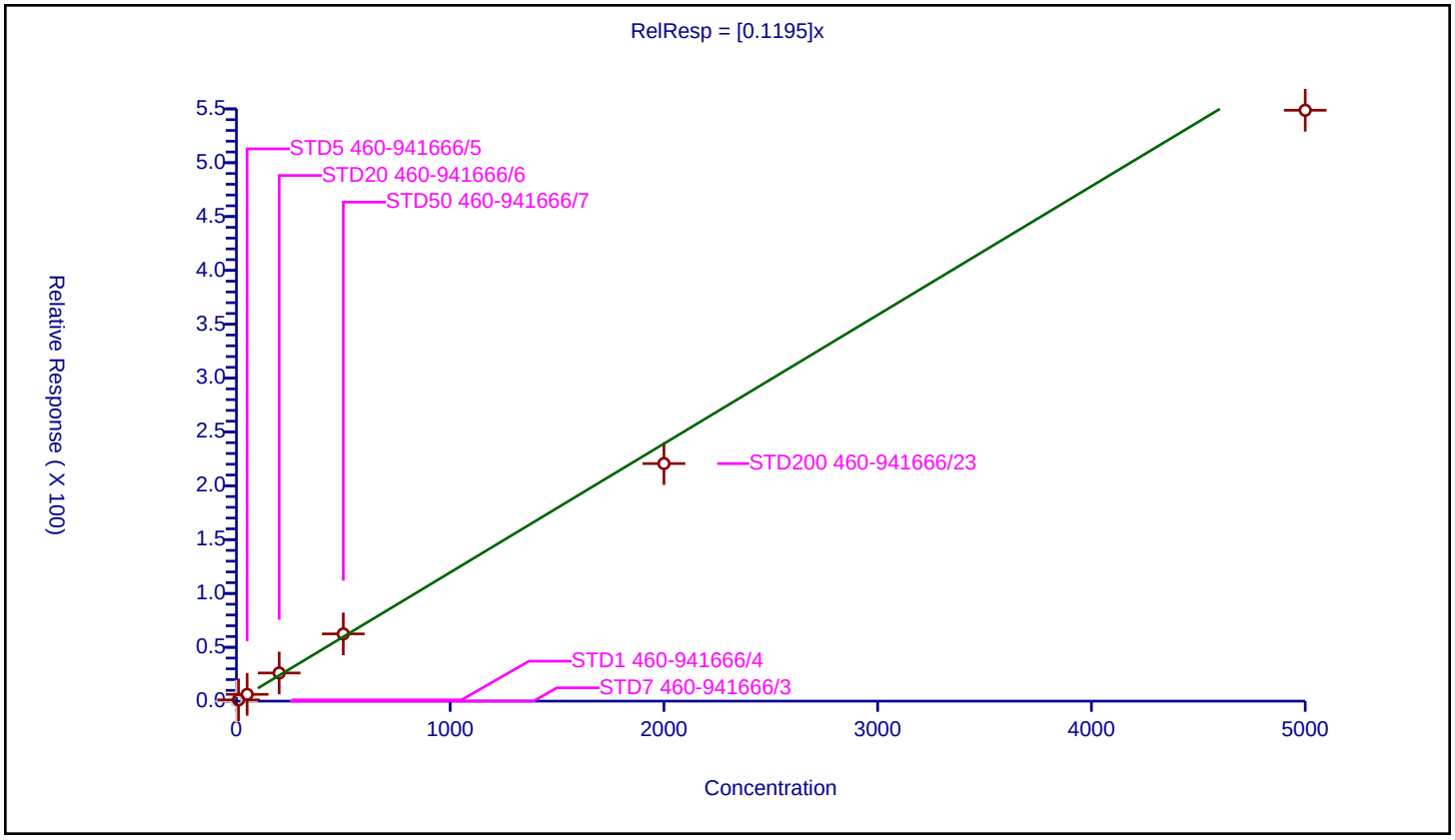
Curve Coefficients

Intercept:	0
Slope:	0.1195

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	10.0	1.159614	50.0	469984.0	0.115961	Y
3	STD5 460-941666/5	50.0	6.286915	50.0	459335.0	0.125738	Y
4	STD20 460-941666/6	200.0	26.128057	50.0	456892.0	0.13064	Y
5	STD50 460-941666/7	500.0	62.438781	50.0	446760.0	0.124878	Y
6	STD200 460-941666/23	2000.0	220.61172	50.0	536765.0	0.110306	Y
7	STD500 460-941666/24	5000.0	548.739605	50.0	564109.0	0.109748	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

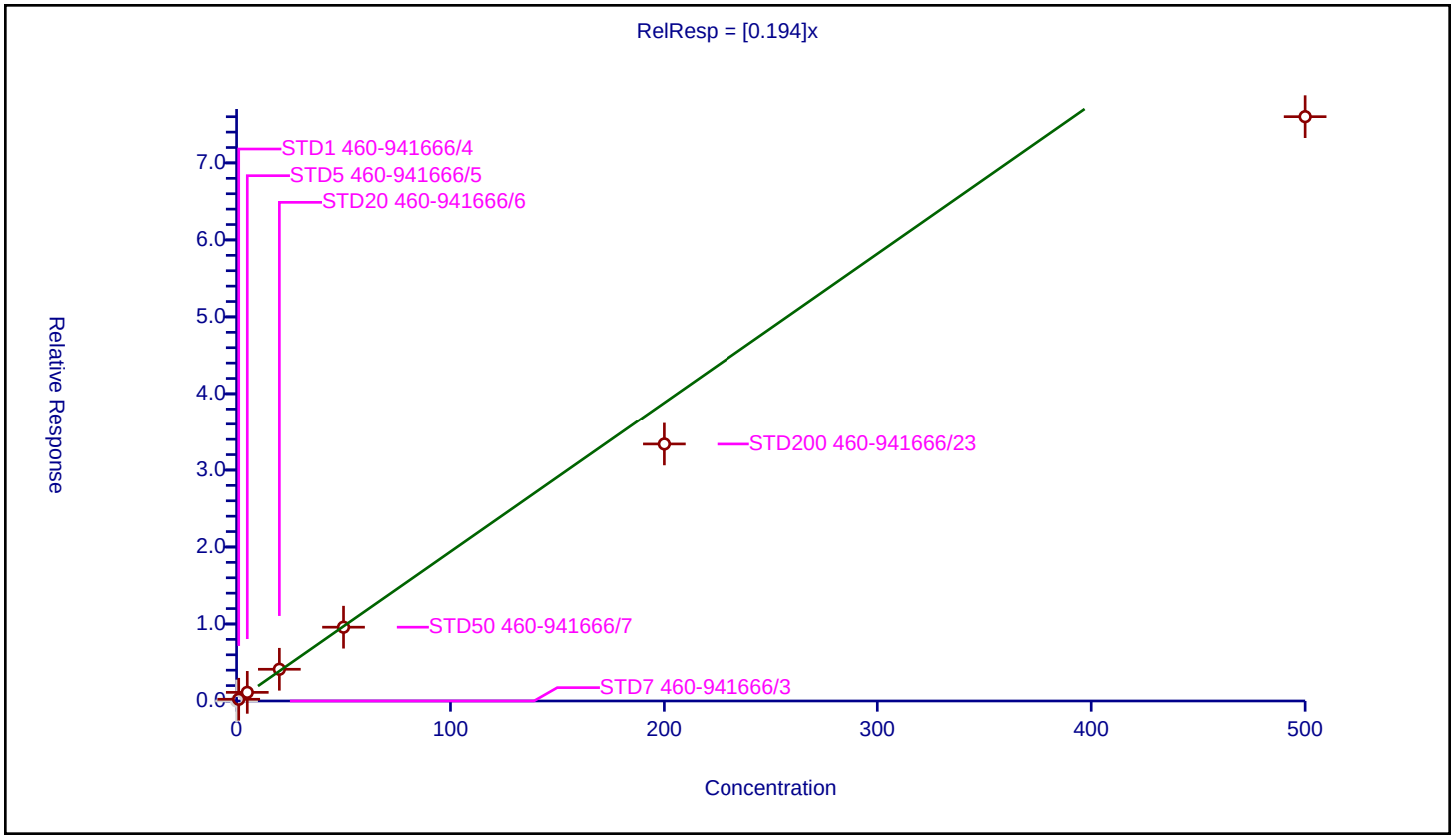
Curve Coefficients

Intercept:	0
Slope:	0.194

Error Coefficients

Standard Error:	418000
Relative Standard Error:	15.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.223412	50.0	469984.0	0.223412	Y
3	STD5 460-941666/5	5.0	1.119662	50.0	459335.0	0.223932	Y
4	STD20 460-941666/6	20.0	4.119901	50.0	456892.0	0.205995	Y
5	STD50 460-941666/7	50.0	9.583669	50.0	446760.0	0.191673	Y
6	STD200 460-941666/23	200.0	33.384256	50.0	536765.0	0.166921	Y
7	STD500 460-941666/24	500.0	76.005258	50.0	564109.0	0.152011	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

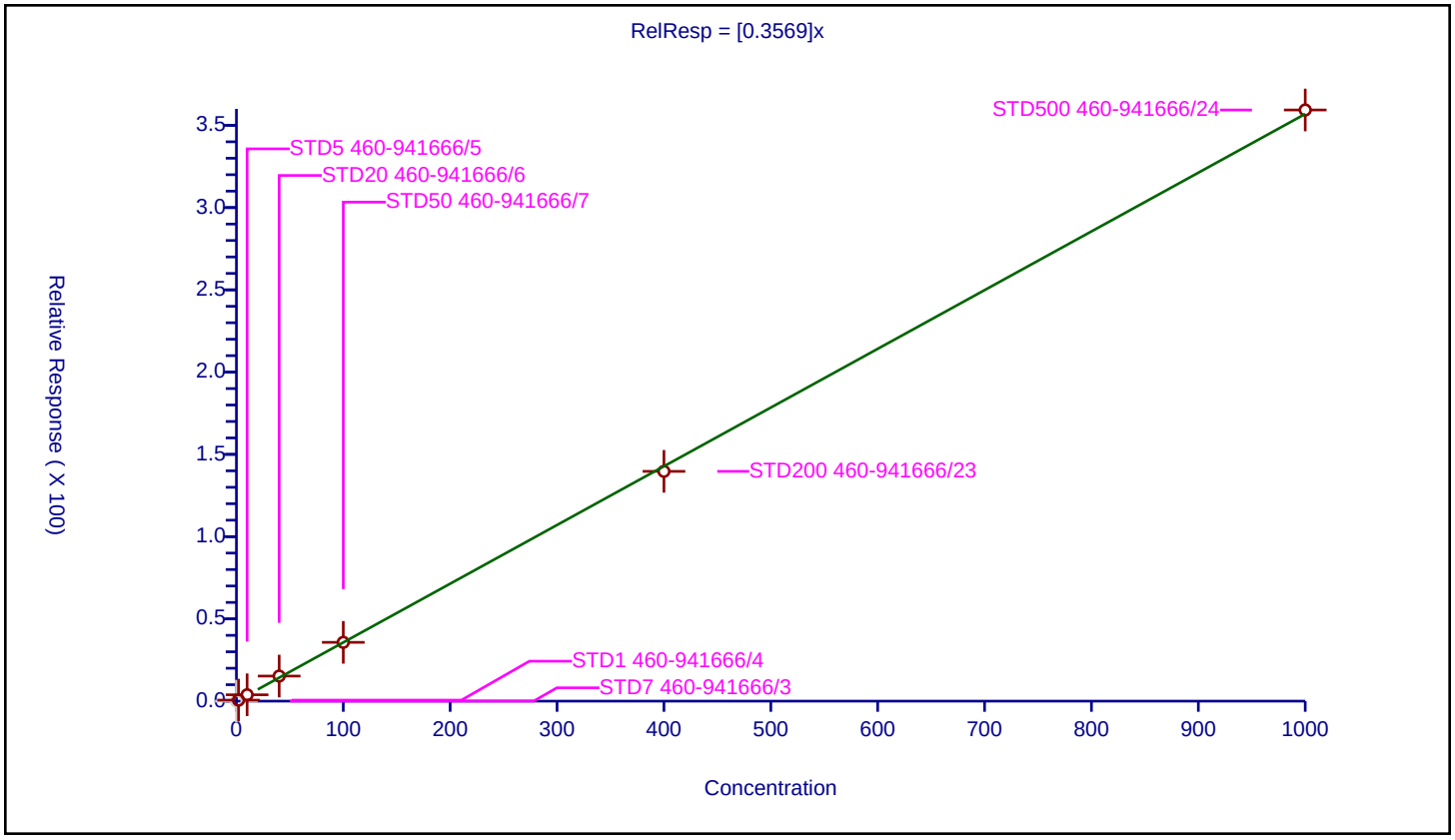
Curve Coefficients

Intercept:	0
Slope:	0.3569

Error Coefficients

Standard Error:	210000
Relative Standard Error:	7.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	2.0	0.615111	250.0	257677.0	0.307556	Y
3	STD5 460-941666/5	10.0	3.867822	250.0	258091.0	0.386782	Y
4	STD20 460-941666/6	40.0	15.248242	250.0	255013.0	0.381206	Y
5	STD50 460-941666/7	100.0	35.73223	250.0	252769.0	0.357322	Y
6	STD200 460-941666/23	400.0	139.679476	250.0	271774.0	0.349199	Y
7	STD500 460-941666/24	1000.0	359.333286	250.0	308648.0	0.359333	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

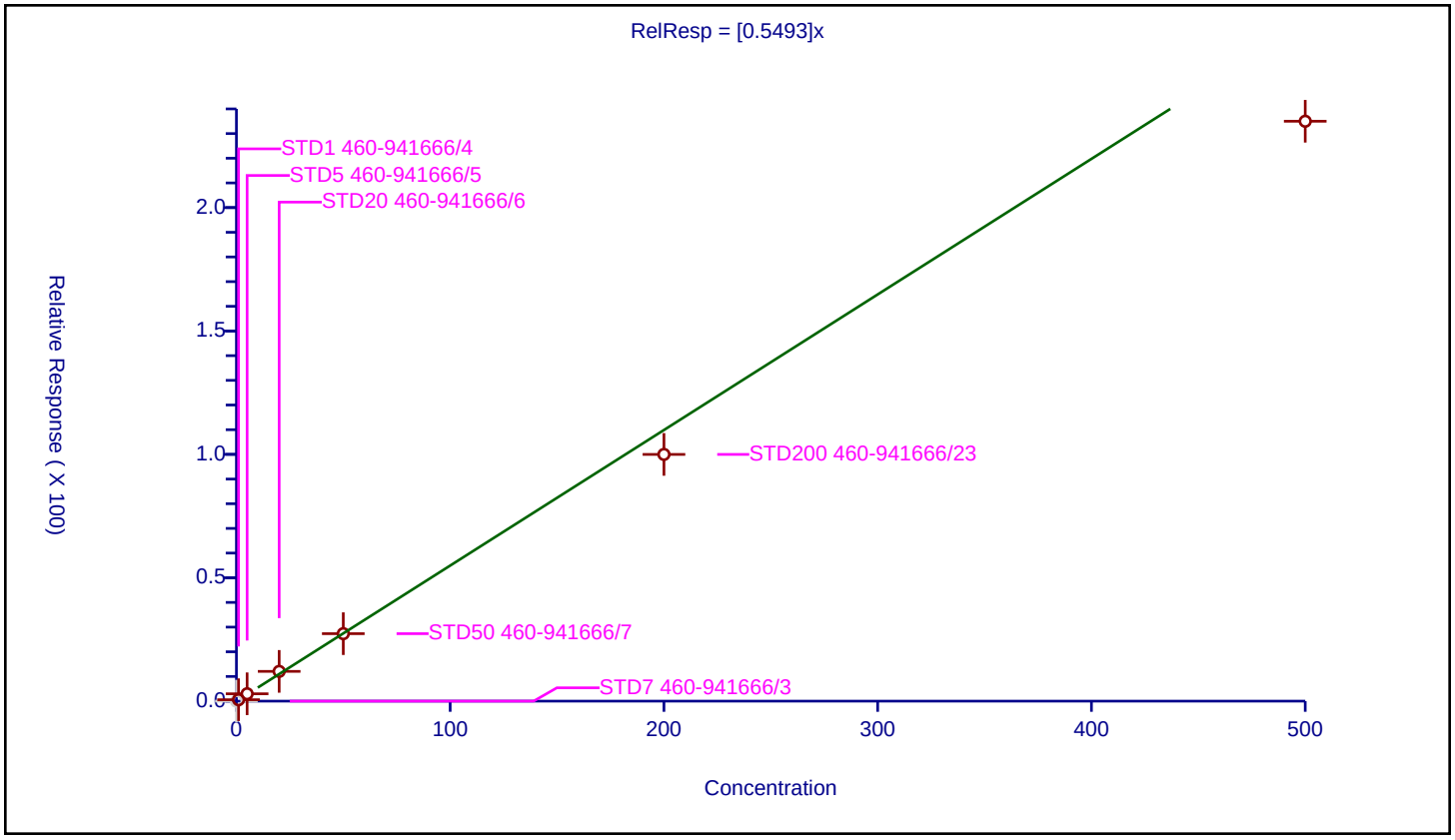
Curve Coefficients

Intercept:	0
Slope:	0.5493

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.578849	50.0	469984.0	0.578849	Y
3	STD5 460-941666/5	5.0	2.987471	50.0	459335.0	0.597494	Y
4	STD20 460-941666/6	20.0	12.059414	50.0	456892.0	0.602971	Y
5	STD50 460-941666/7	50.0	27.342757	50.0	446760.0	0.546855	Y
6	STD200 460-941666/23	200.0	99.983512	50.0	536765.0	0.499918	Y
7	STD500 460-941666/24	500.0	234.988894	50.0	564109.0	0.469978	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

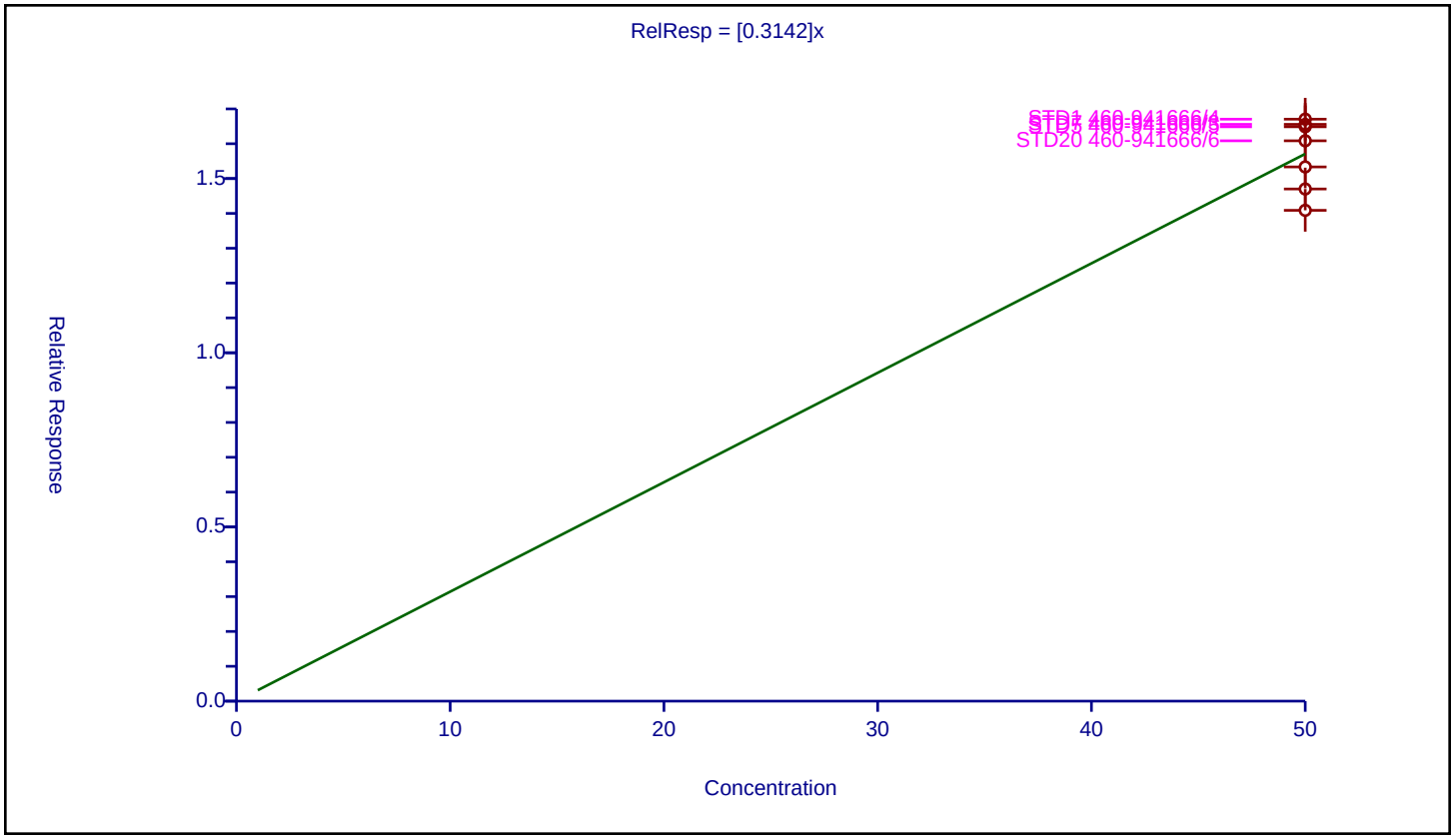
Curve Coefficients

Intercept:	0
Slope:	0.3142

Error Coefficients

Standard Error:	165000
Relative Standard Error:	6.5
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	50.0	16.555464	50.0	470911.0	0.331109	Y
2	STD1 460-941666/4	50.0	16.705037	50.0	469984.0	0.334101	Y
3	STD5 460-941666/5	50.0	16.486442	50.0	459335.0	0.329729	Y
4	STD20 460-941666/6	50.0	16.084326	50.0	456892.0	0.321687	Y
5	STD50 460-941666/7	50.0	15.333848	50.0	446760.0	0.306677	Y
6	STD200 460-941666/23	50.0	14.700847	50.0	536765.0	0.294017	Y
7	STD500 460-941666/24	50.0	14.088146	50.0	564109.0	0.281763	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

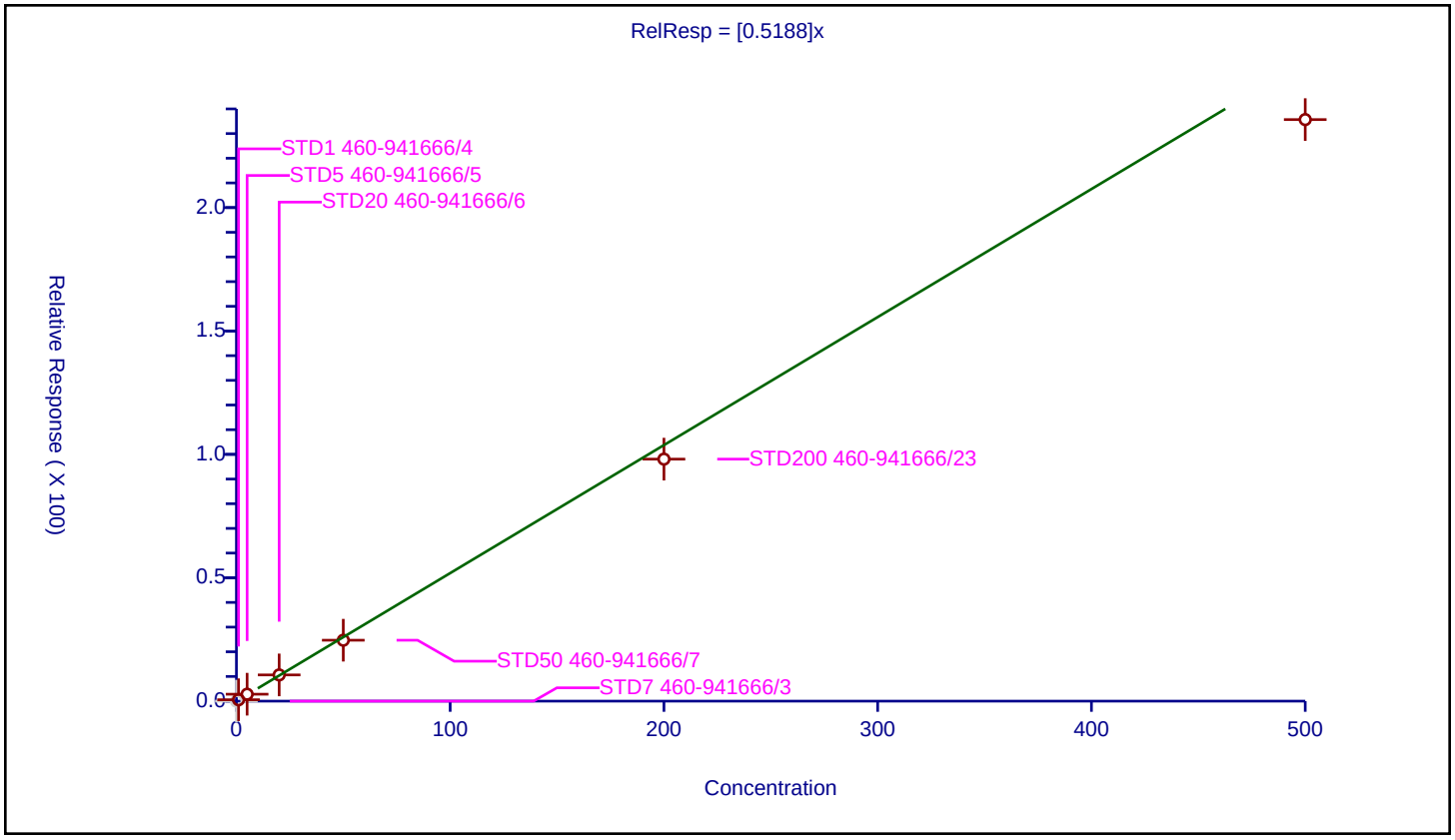
Curve Coefficients

Intercept:	0
Slope:	0.5188

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.564806	50.0	469984.0	0.564806	Y
3	STD5 460-941666/5	5.0	2.807102	50.0	459335.0	0.56142	Y
4	STD20 460-941666/6	20.0	10.621766	50.0	456892.0	0.531088	Y
5	STD50 460-941666/7	50.0	24.683835	50.0	446760.0	0.493677	Y
6	STD200 460-941666/23	200.0	98.073179	50.0	536765.0	0.490366	Y
7	STD500 460-941666/24	500.0	235.66075	50.0	564109.0	0.471321	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

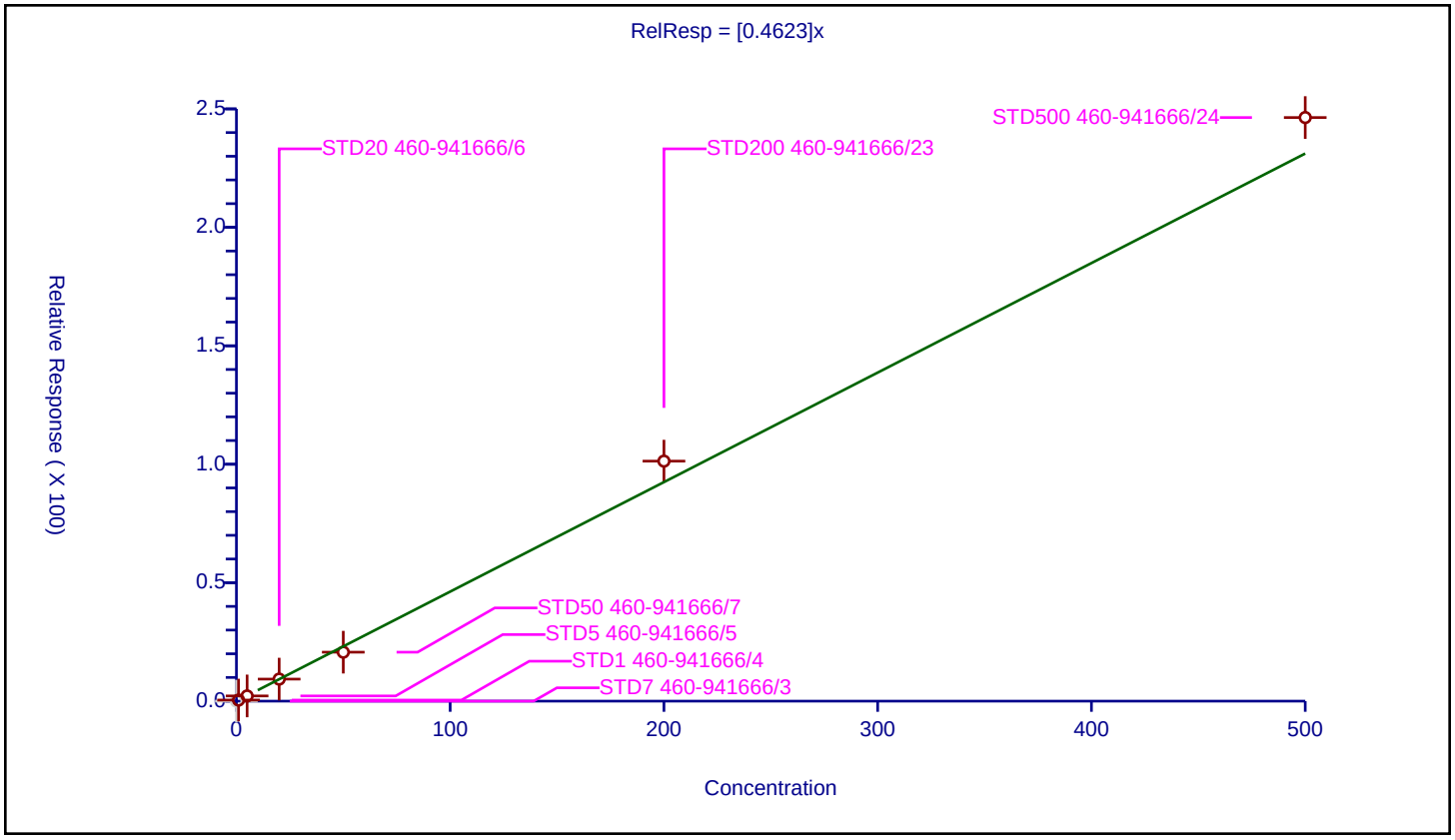
Curve Coefficients

Intercept:	0
Slope:	0.4623

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.455122	50.0	469984.0	0.455122	Y
3	STD5 460-941666/5	5.0	2.202858	50.0	459335.0	0.440572	Y
4	STD20 460-941666/6	20.0	9.304825	50.0	456892.0	0.465241	Y
5	STD50 460-941666/7	50.0	20.674187	50.0	446760.0	0.413484	Y
6	STD200 460-941666/23	200.0	101.319386	50.0	536765.0	0.506597	Y
7	STD500 460-941666/24	500.0	246.346983	50.0	564109.0	0.492694	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

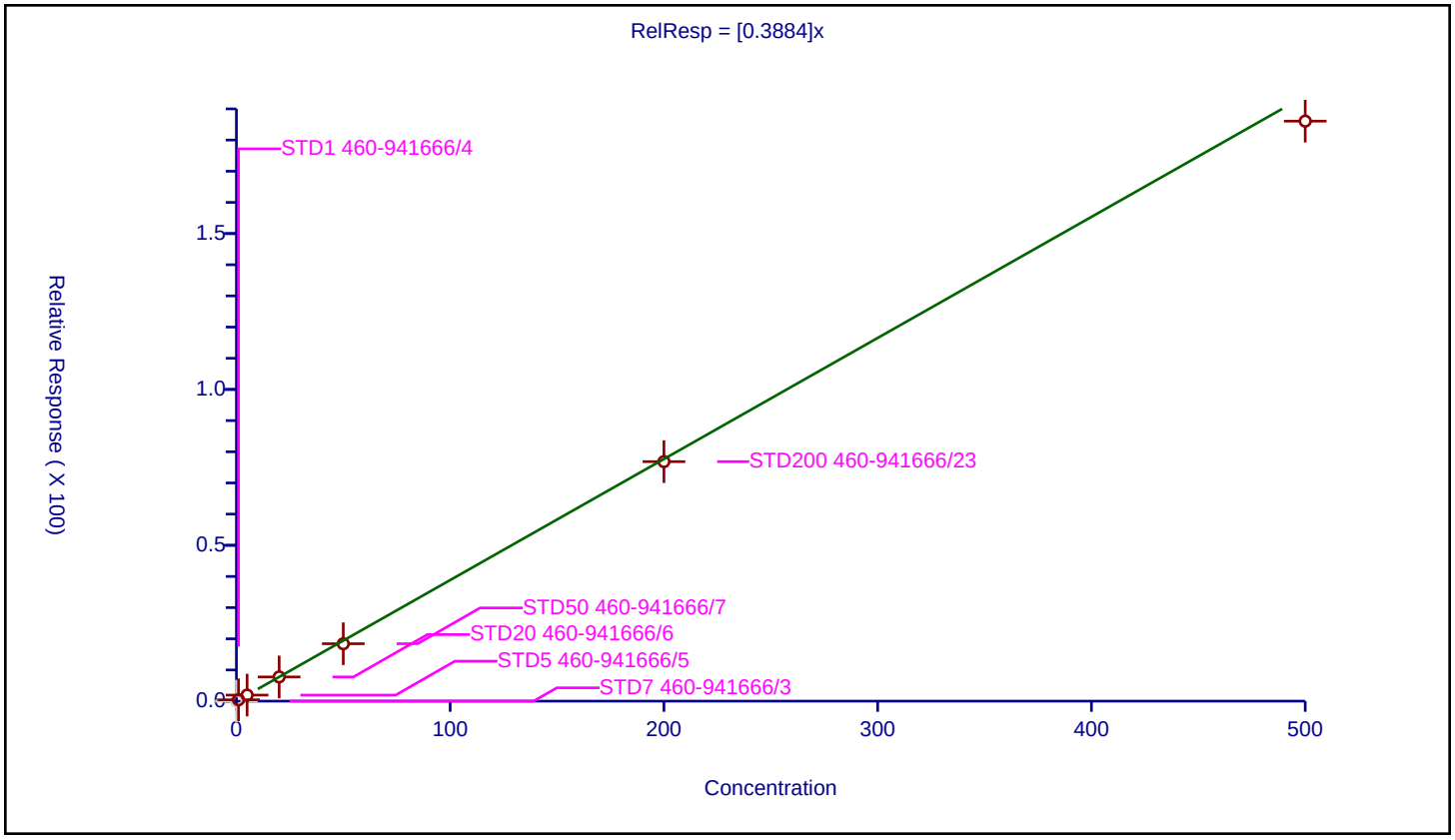
Curve Coefficients

Intercept:	0
Slope:	0.3884

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.42927	50.0	469984.0	0.42927	Y
3	STD5 460-941666/5	5.0	1.941067	50.0	459335.0	0.388213	Y
4	STD20 460-941666/6	20.0	7.763541	50.0	456892.0	0.388177	Y
5	STD50 460-941666/7	50.0	18.415592	50.0	446760.0	0.368312	Y
6	STD200 460-941666/23	200.0	76.836791	50.0	536765.0	0.384184	Y
7	STD500 460-941666/24	500.0	186.069182	50.0	564109.0	0.372138	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

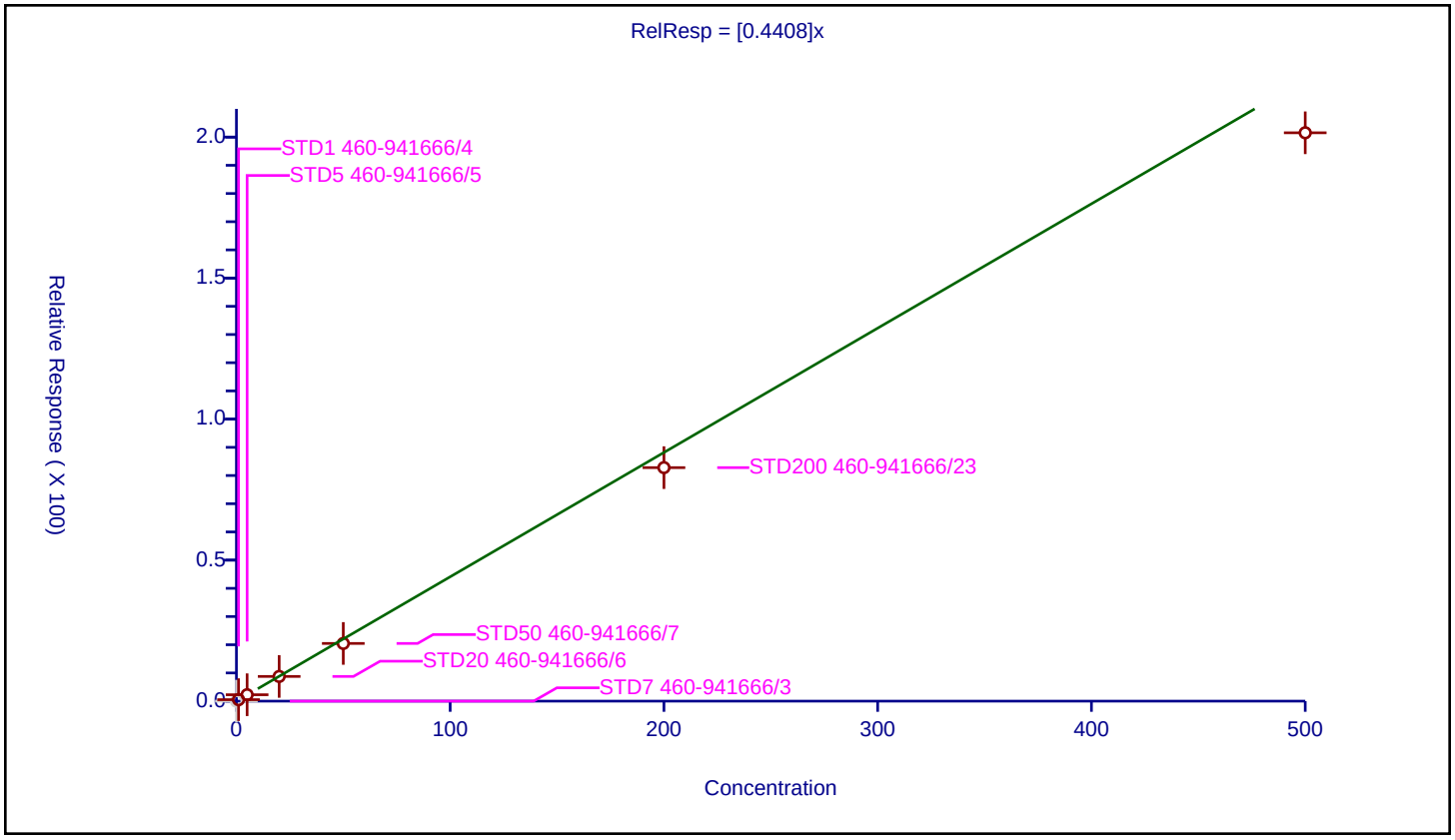
Curve Coefficients

Intercept:	0
Slope:	0.4408

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	10.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.527784	50.0	469984.0	0.527784	Y
3	STD5 460-941666/5	5.0	2.266537	50.0	459335.0	0.453307	Y
4	STD20 460-941666/6	20.0	8.755899	50.0	456892.0	0.437795	Y
5	STD50 460-941666/7	50.0	20.456845	50.0	446760.0	0.409137	Y
6	STD200 460-941666/23	200.0	82.796103	50.0	536765.0	0.413981	Y
7	STD500 460-941666/24	500.0	201.531973	50.0	564109.0	0.403064	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

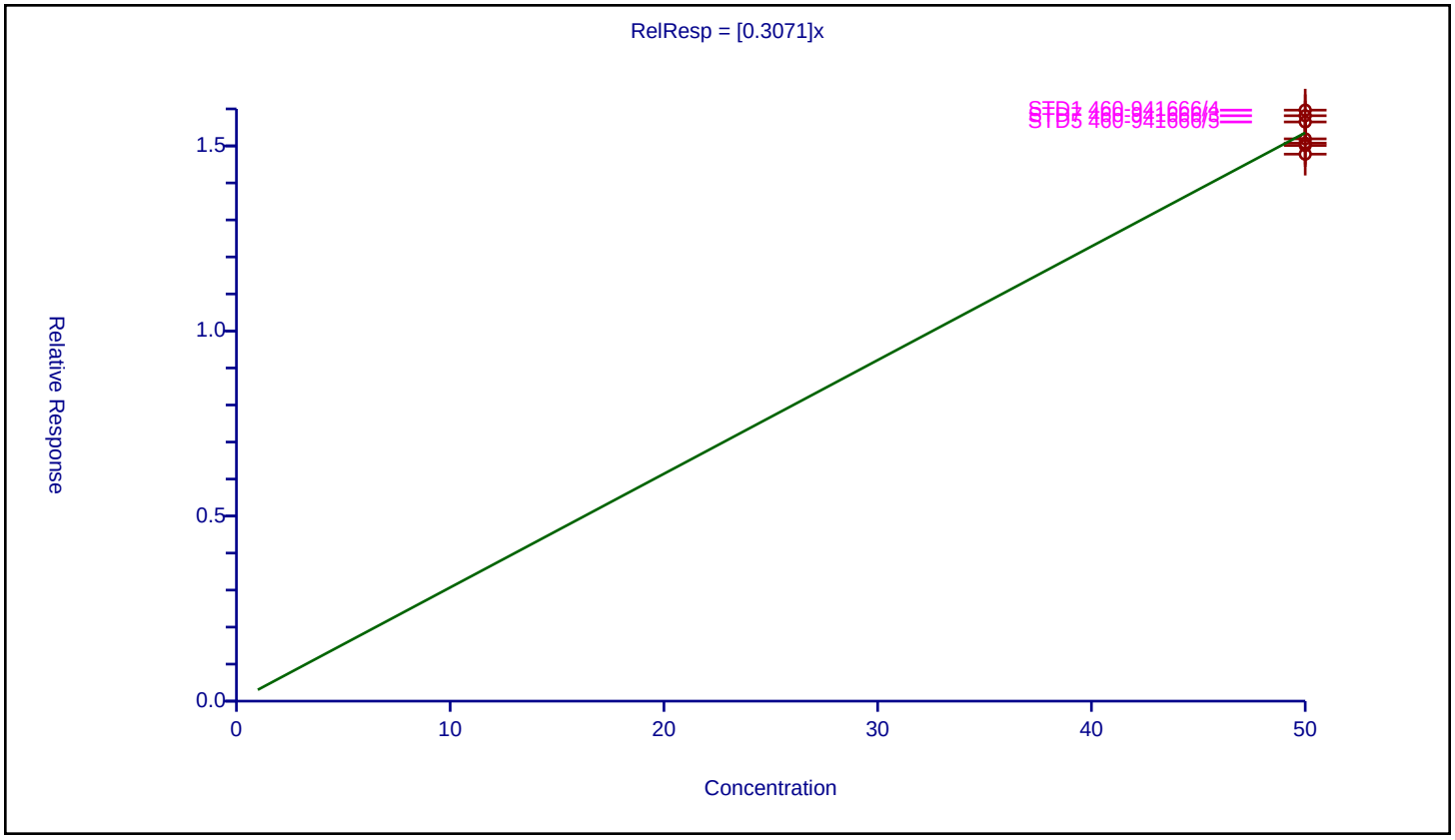
Curve Coefficients

Intercept:	0
Slope:	0.3071

Error Coefficients

Standard Error:	162000
Relative Standard Error:	2.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	50.0	15.815834	50.0	470911.0	0.316317	Y
2	STD1 460-941666/4	50.0	15.966927	50.0	469984.0	0.319339	Y
3	STD5 460-941666/5	50.0	15.647403	50.0	459335.0	0.312948	Y
4	STD20 460-941666/6	50.0	15.011206	50.0	456892.0	0.300224	Y
5	STD50 460-941666/7	50.0	15.190371	50.0	446760.0	0.303807	Y
6	STD200 460-941666/23	50.0	14.777696	50.0	536765.0	0.295554	Y
7	STD500 460-941666/24	50.0	15.075633	50.0	564109.0	0.301513	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

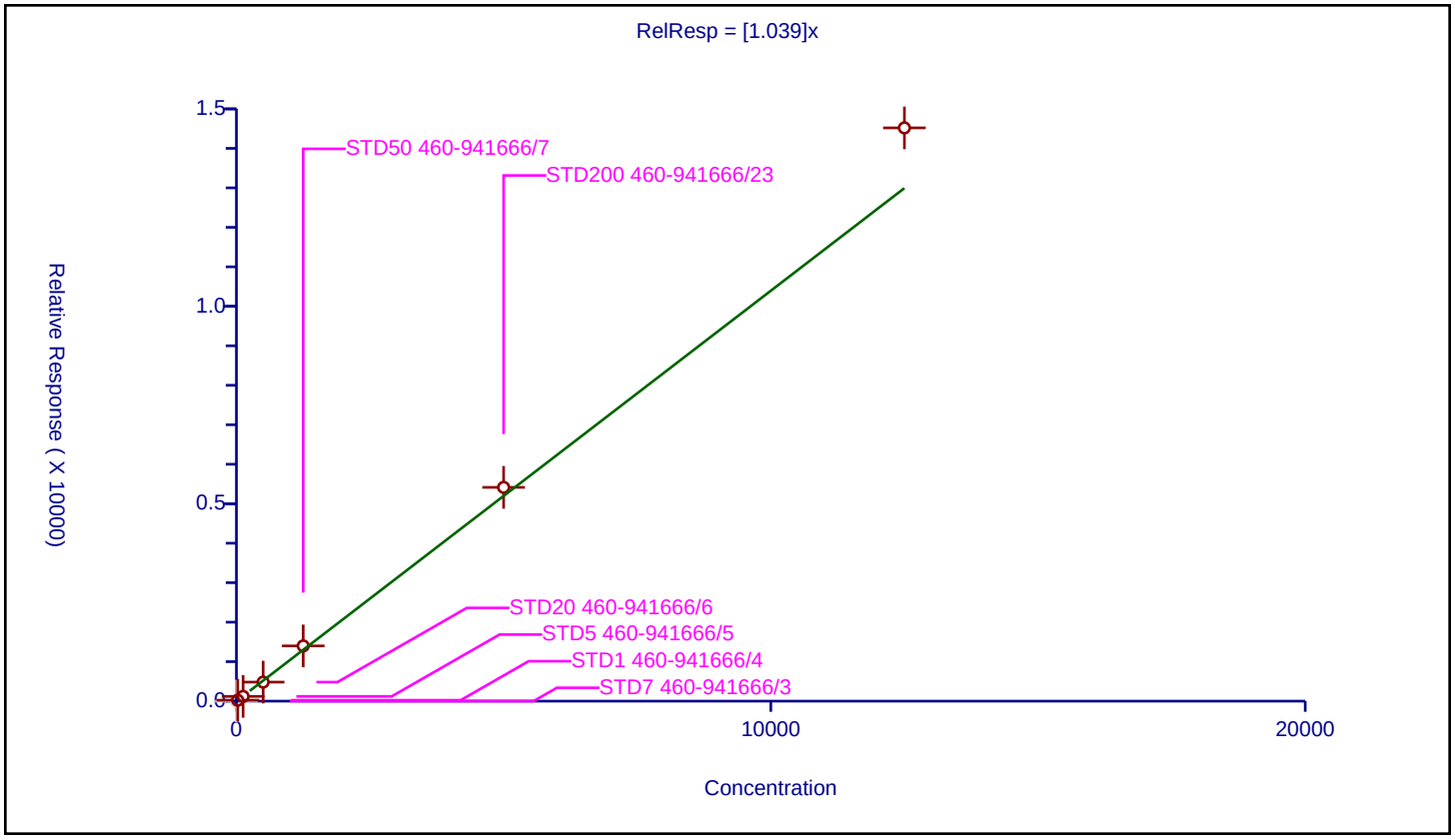
Curve Coefficients

Intercept:	0
Slope:	1.039

Error Coefficients

Standard Error:	659000
Relative Standard Error:	9.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	25.0	23.639762	1000.0	89341.0	0.94559	Y
3	STD5 460-941666/5	125.0	120.38935	1000.0	91229.0	0.963115	Y
4	STD20 460-941666/6	500.0	482.088646	1000.0	92232.0	0.964177	Y
5	STD50 460-941666/7	1250.0	1398.961814	1000.0	81103.0	1.119169	Y
6	STD200 460-941666/23	5000.0	5414.116424	1000.0	88521.0	1.082823	Y
7	STD500 460-941666/24	12500.0	14518.988521	1000.0	96611.0	1.161519	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

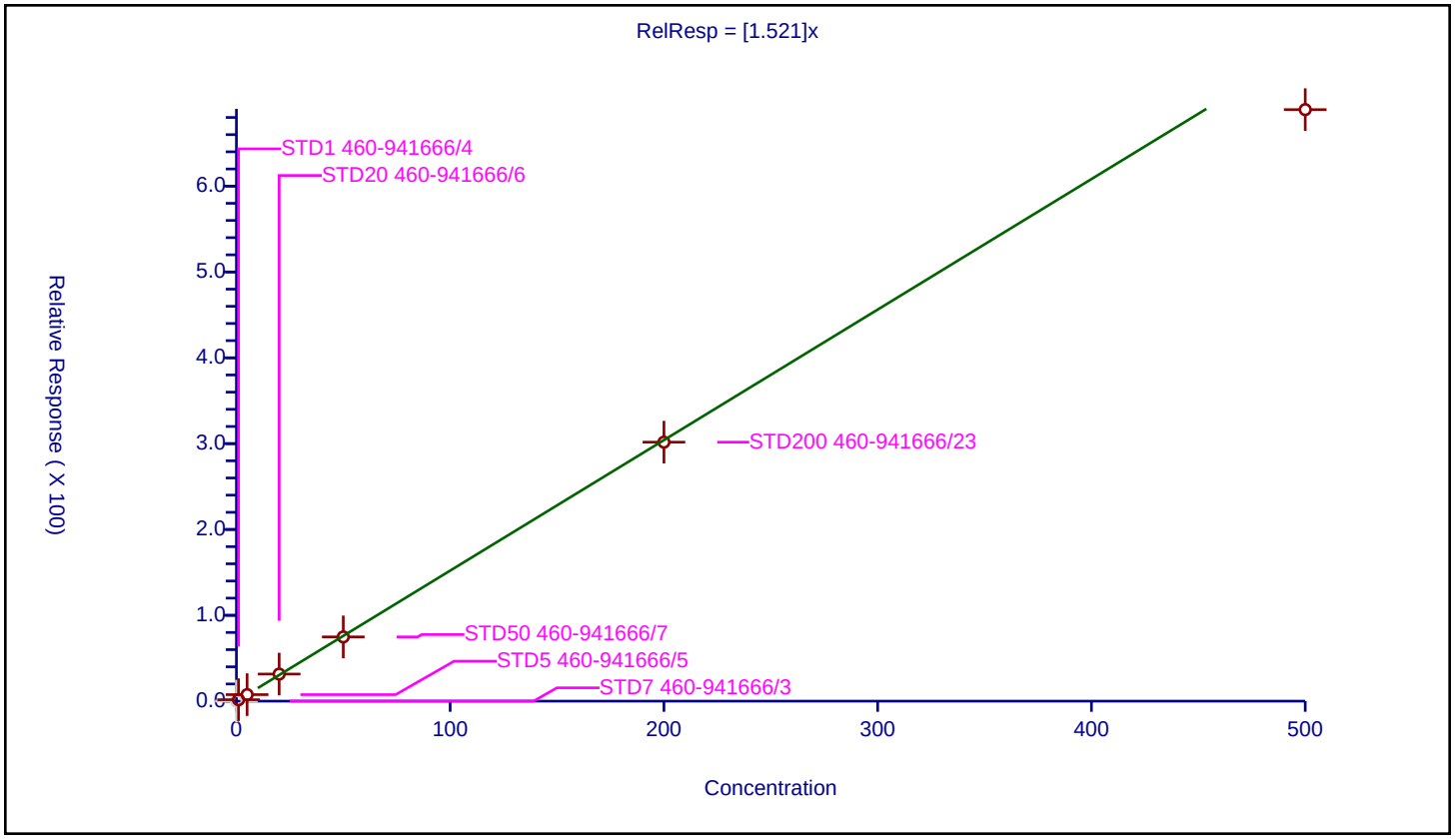
Curve Coefficients

Intercept:	0
Slope:	1.521

Error Coefficients

Standard Error:	3040000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	1.648093	50.0	354713.0	1.648093	Y
3	STD5 460-941666/5	5.0	7.572975	50.0	363787.0	1.514595	Y
4	STD20 460-941666/6	20.0	31.553394	50.0	351791.0	1.57767	Y
5	STD50 460-941666/7	50.0	74.824097	50.0	346355.0	1.496482	Y
6	STD200 460-941666/23	200.0	301.728614	50.0	405209.0	1.508643	Y
7	STD500 460-941666/24	500.0	689.118418	50.0	458766.0	1.378237	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

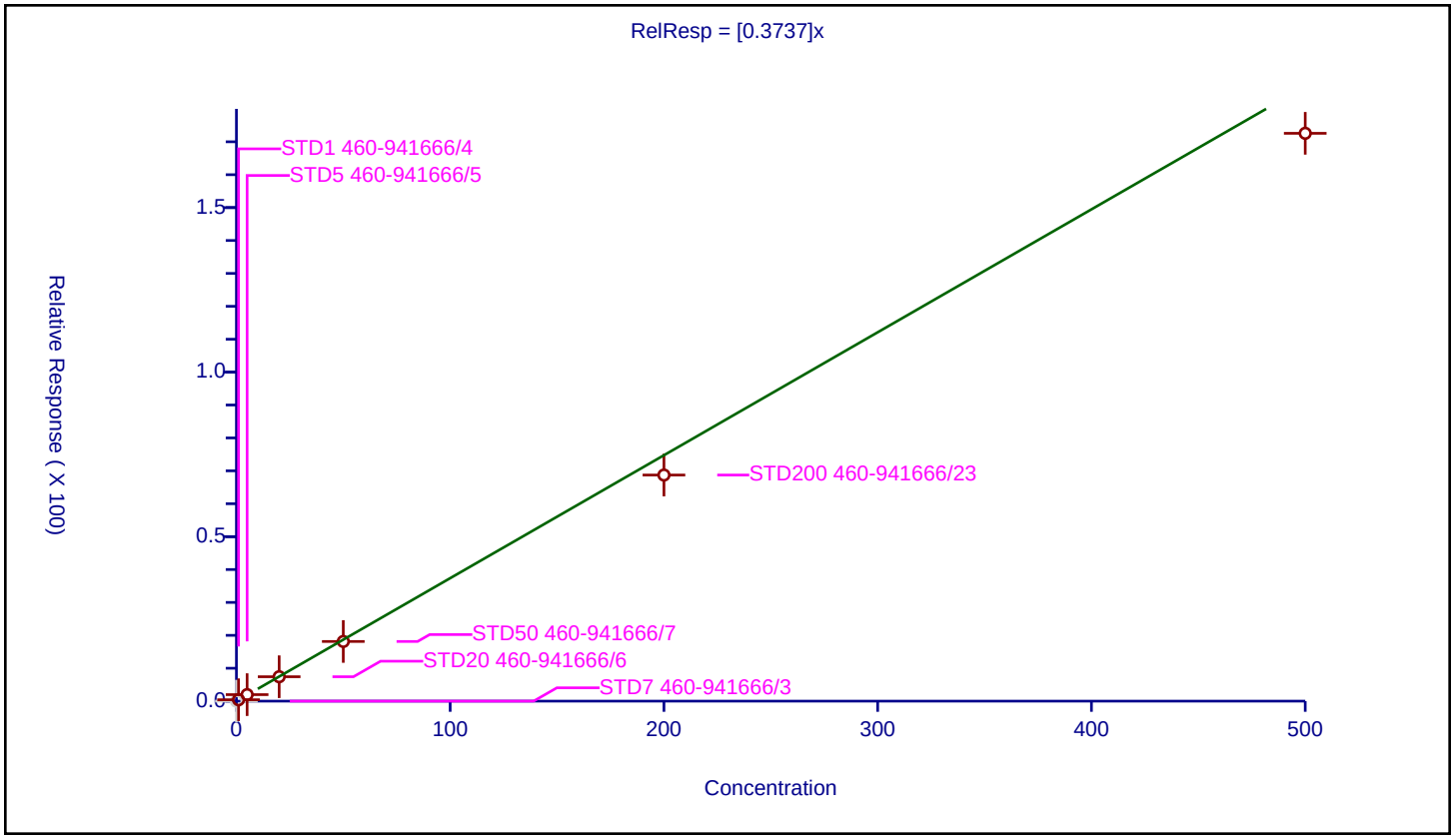
Curve Coefficients

Intercept:	0
Slope:	0.3737

Error Coefficients

Standard Error:	934000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.423312	50.0	469984.0	0.423312	Y
3	STD5 460-941666/5	5.0	1.981343	50.0	459335.0	0.396269	Y
4	STD20 460-941666/6	20.0	7.418383	50.0	456892.0	0.370919	Y
5	STD50 460-941666/7	50.0	18.136471	50.0	446760.0	0.362729	Y
6	STD200 460-941666/23	200.0	68.720203	50.0	536765.0	0.343601	Y
7	STD500 460-941666/24	500.0	172.578881	50.0	564109.0	0.345158	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

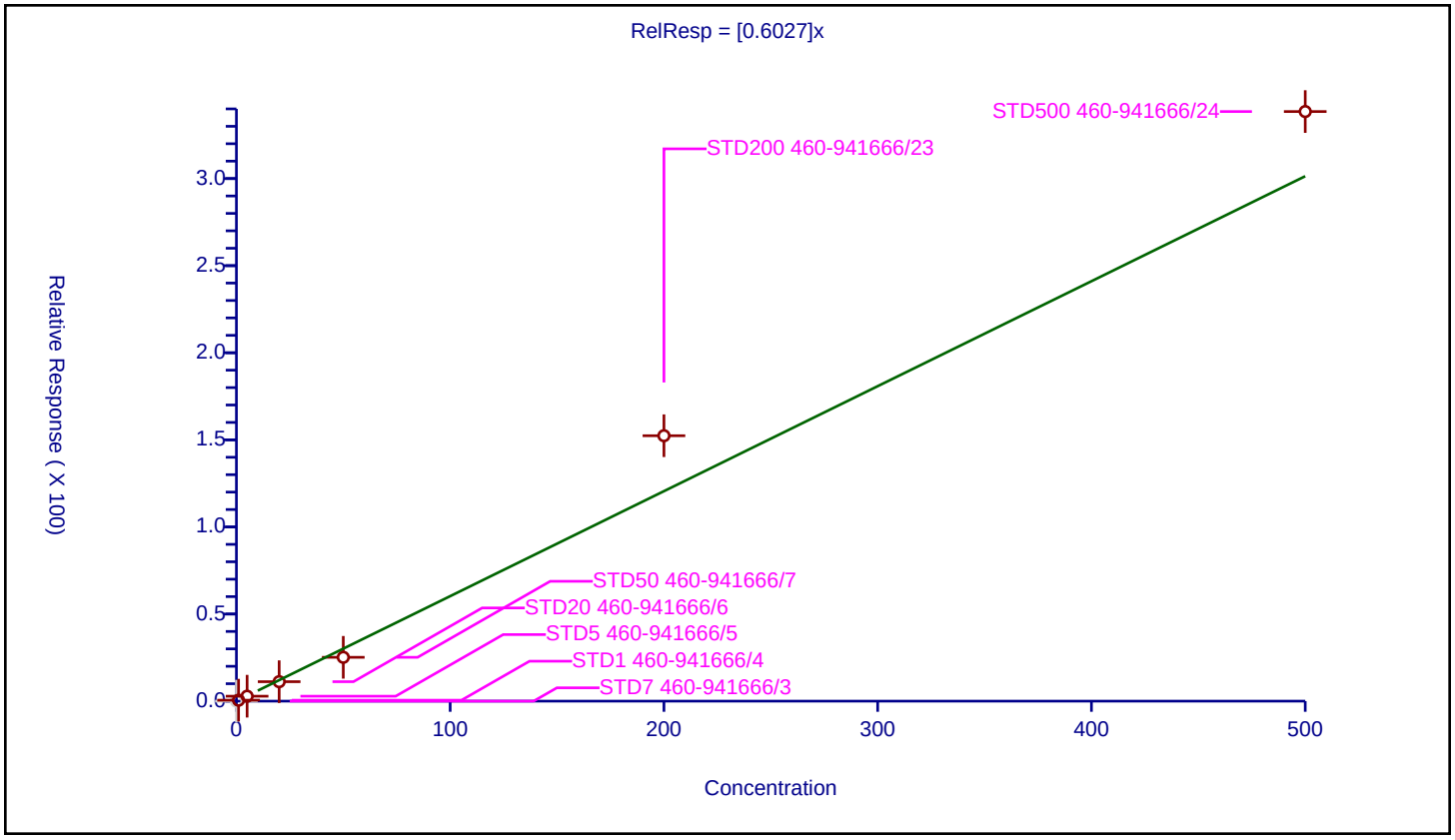
Curve Coefficients

Intercept:	0
Slope:	0.6027

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	16.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.548317	50.0	469984.0	0.548317	Y
3	STD5 460-941666/5	5.0	2.838342	50.0	459335.0	0.567668	Y
4	STD20 460-941666/6	20.0	11.163579	50.0	456892.0	0.558179	Y
5	STD50 460-941666/7	50.0	25.159817	50.0	446760.0	0.503196	Y
6	STD200 460-941666/23	200.0	152.371522	50.0	536765.0	0.761858	Y
7	STD500 460-941666/24	500.0	338.469693	50.0	564109.0	0.676939	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

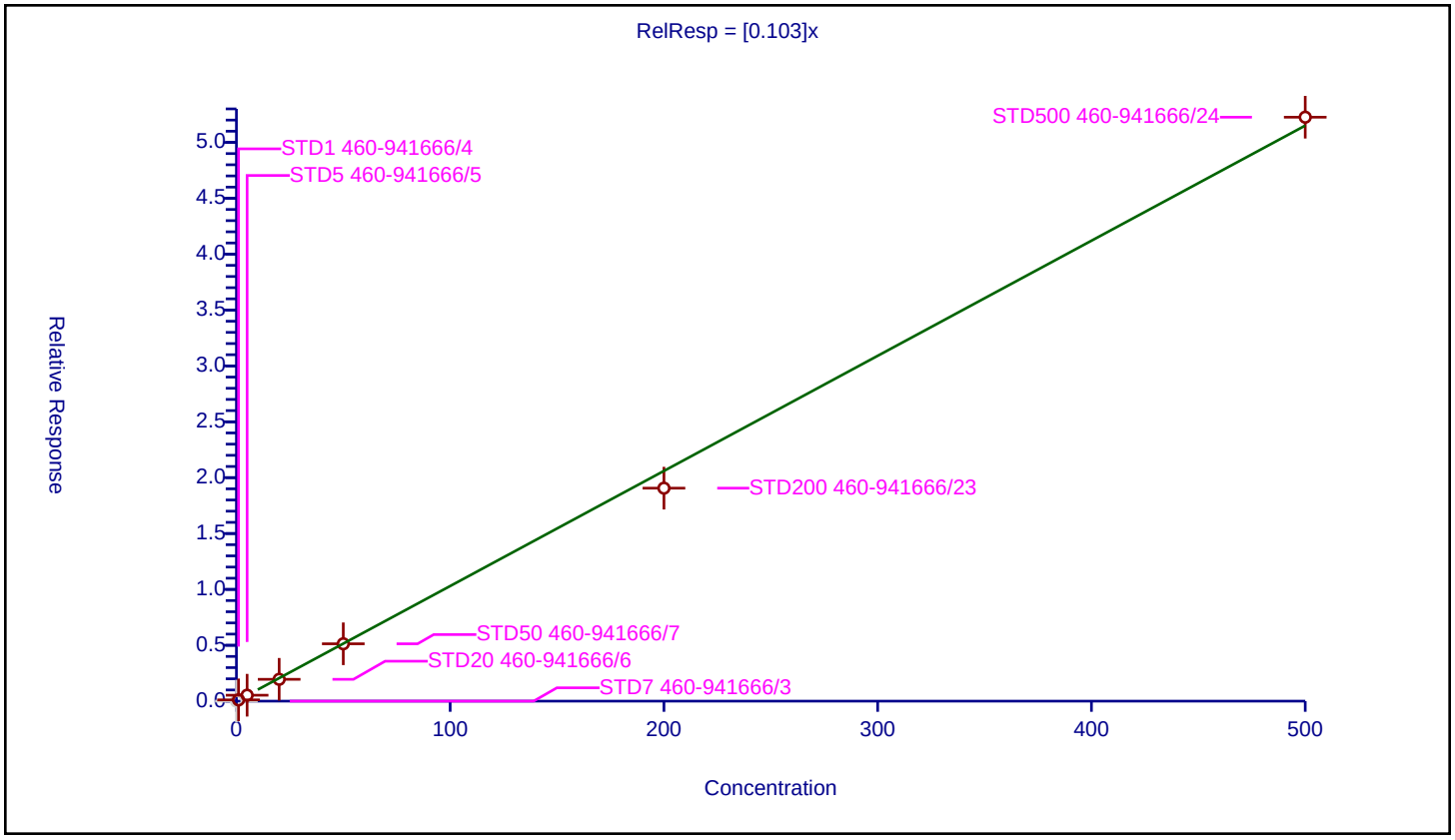
Curve Coefficients

Intercept:	0
Slope:	0.103

Error Coefficients

Standard Error:	280000
Relative Standard Error:	5.9
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.112131	50.0	469984.0	0.112131	Y
3	STD5 460-941666/5	5.0	0.529352	50.0	459335.0	0.10587	Y
4	STD20 460-941666/6	20.0	1.952102	50.0	456892.0	0.097605	Y
5	STD50 460-941666/7	50.0	5.131614	50.0	446760.0	0.102632	Y
6	STD200 460-941666/23	200.0	19.059831	50.0	536765.0	0.095299	Y
7	STD500 460-941666/24	500.0	52.257188	50.0	564109.0	0.104514	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

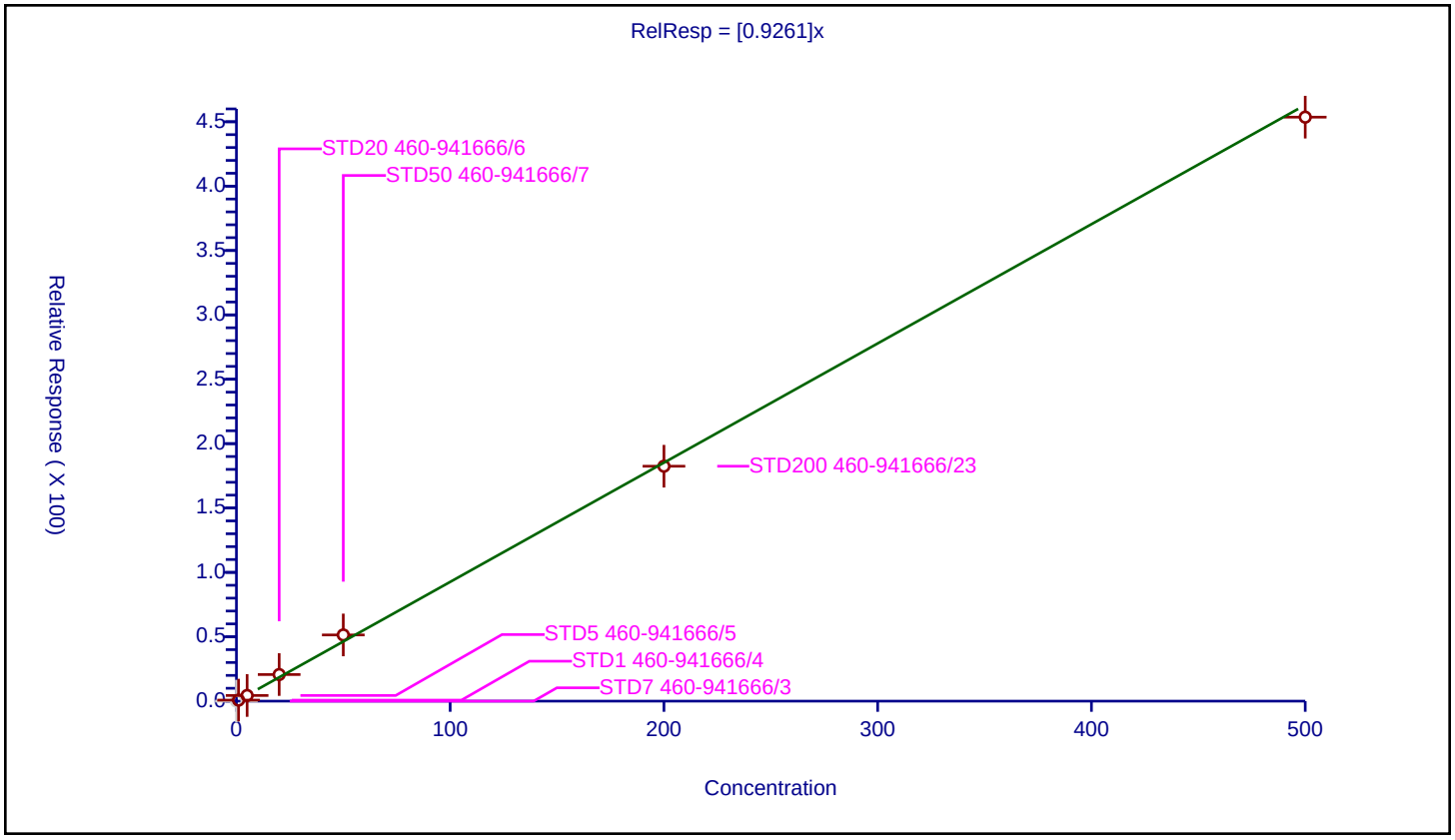
Curve Coefficients

Intercept:	0
Slope:	0.9261

Error Coefficients

Standard Error:	2460000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.798538	50.0	469984.0	0.798538	Y
3	STD5 460-941666/5	5.0	4.387212	50.0	459335.0	0.877442	Y
4	STD20 460-941666/6	20.0	20.656304	50.0	456892.0	1.032815	Y
5	STD50 460-941666/7	50.0	51.41407	50.0	446760.0	1.028281	Y
6	STD200 460-941666/23	200.0	182.469889	50.0	536765.0	0.912349	Y
7	STD500 460-941666/24	500.0	453.579982	50.0	564109.0	0.90716	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

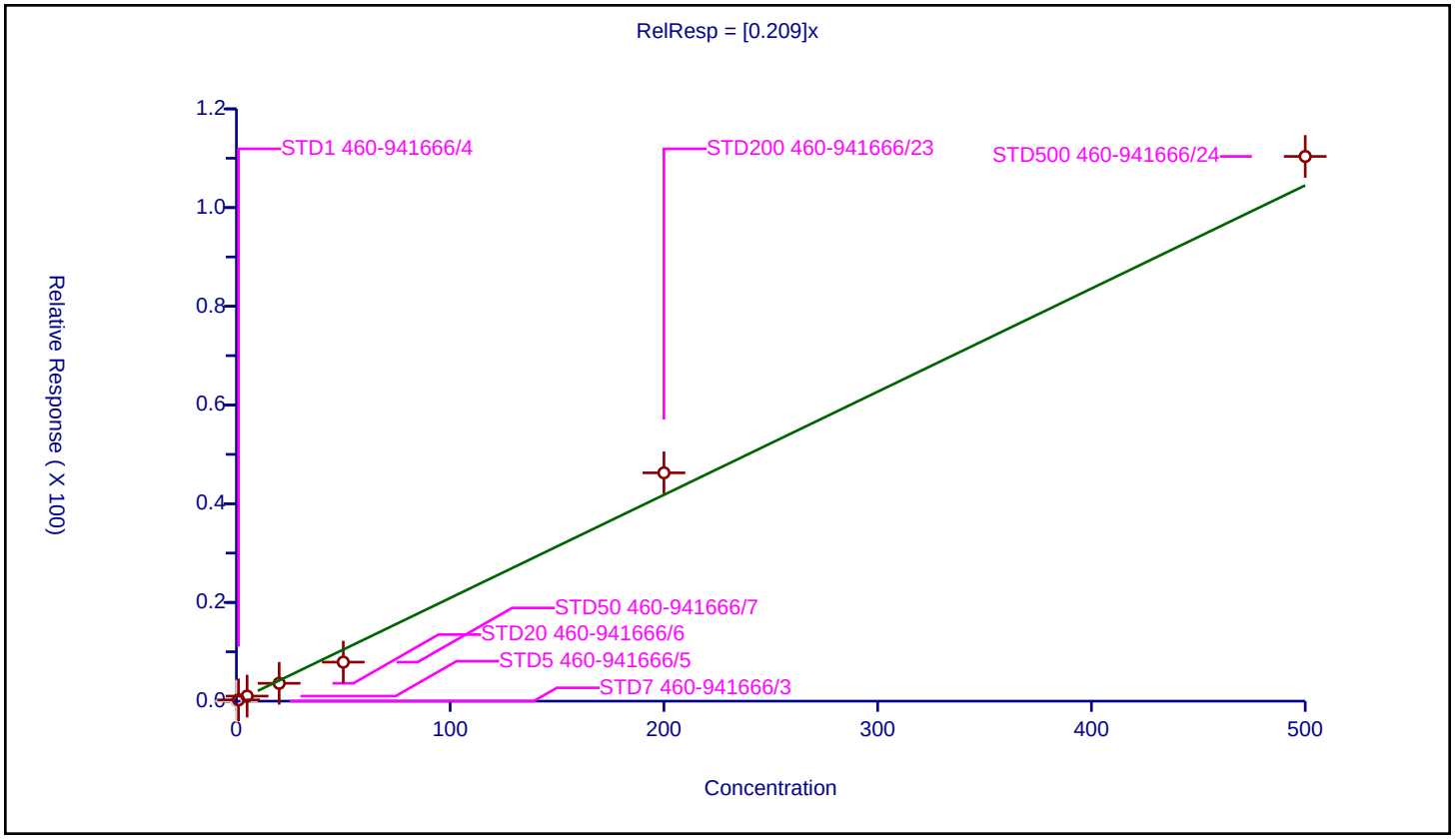
Curve Coefficients

Intercept:	0
Slope:	0.209

Error Coefficients

Standard Error:	600000
Relative Standard Error:	17.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.258307	50.0	469984.0	0.258307	Y
3	STD5 460-941666/5	5.0	1.024198	50.0	459335.0	0.20484	Y
4	STD20 460-941666/6	20.0	3.615515	50.0	456892.0	0.180776	Y
5	STD50 460-941666/7	50.0	7.901782	50.0	446760.0	0.158036	Y
6	STD200 460-941666/23	200.0	46.260188	50.0	536765.0	0.231301	Y
7	STD500 460-941666/24	500.0	110.367057	50.0	564109.0	0.220734	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

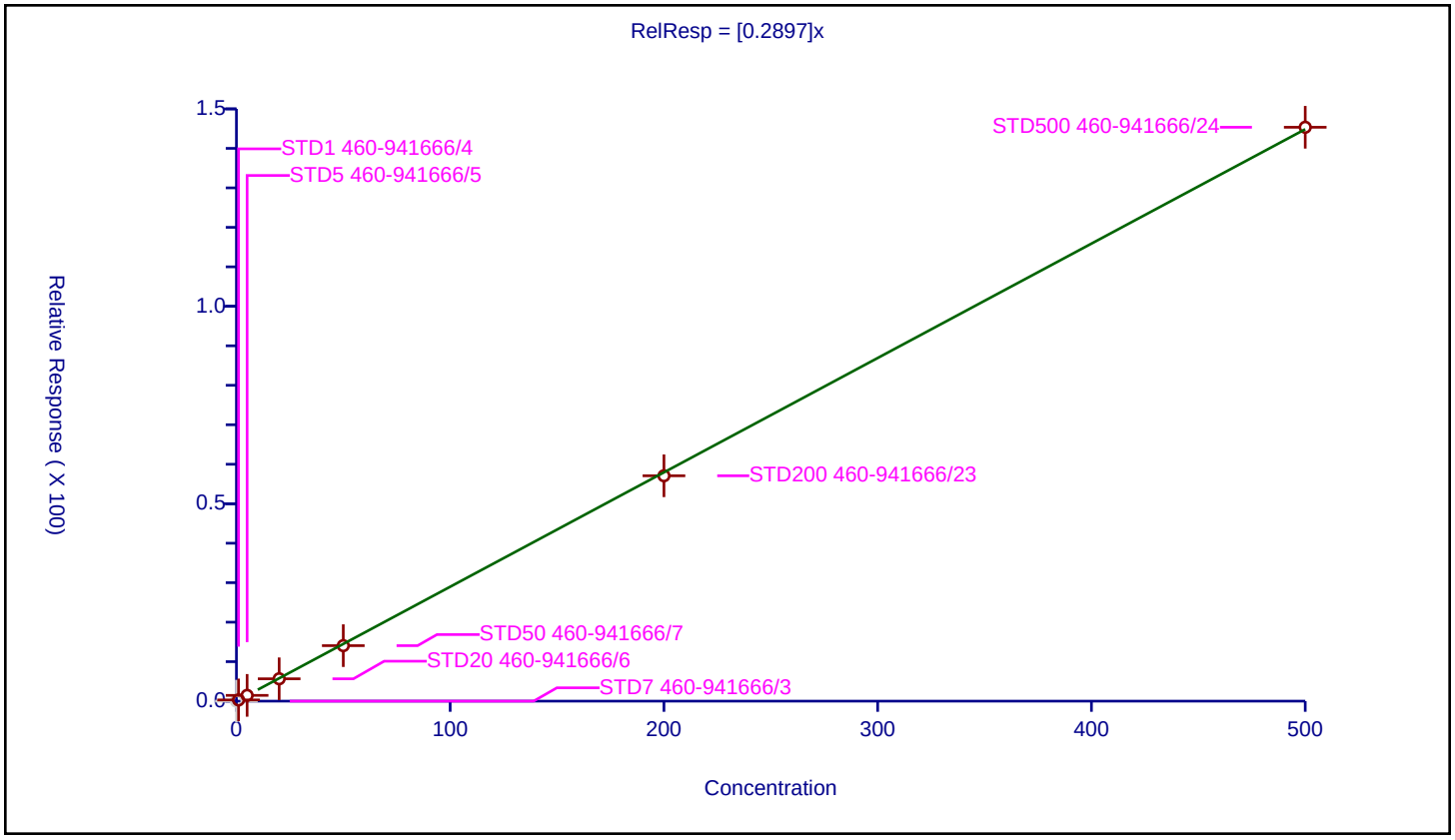
Curve Coefficients

Intercept:	0
Slope:	0.2897

Error Coefficients

Standard Error:	785000
Relative Standard Error:	3.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.305755	50.0	469984.0	0.305755	Y
3	STD5 460-941666/5	5.0	1.460154	50.0	459335.0	0.292031	Y
4	STD20 460-941666/6	20.0	5.665234	50.0	456892.0	0.283262	Y
5	STD50 460-941666/7	50.0	14.052735	50.0	446760.0	0.281055	Y
6	STD200 460-941666/23	200.0	57.078424	50.0	536765.0	0.285392	Y
7	STD500 460-941666/24	500.0	145.346289	50.0	564109.0	0.290693	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

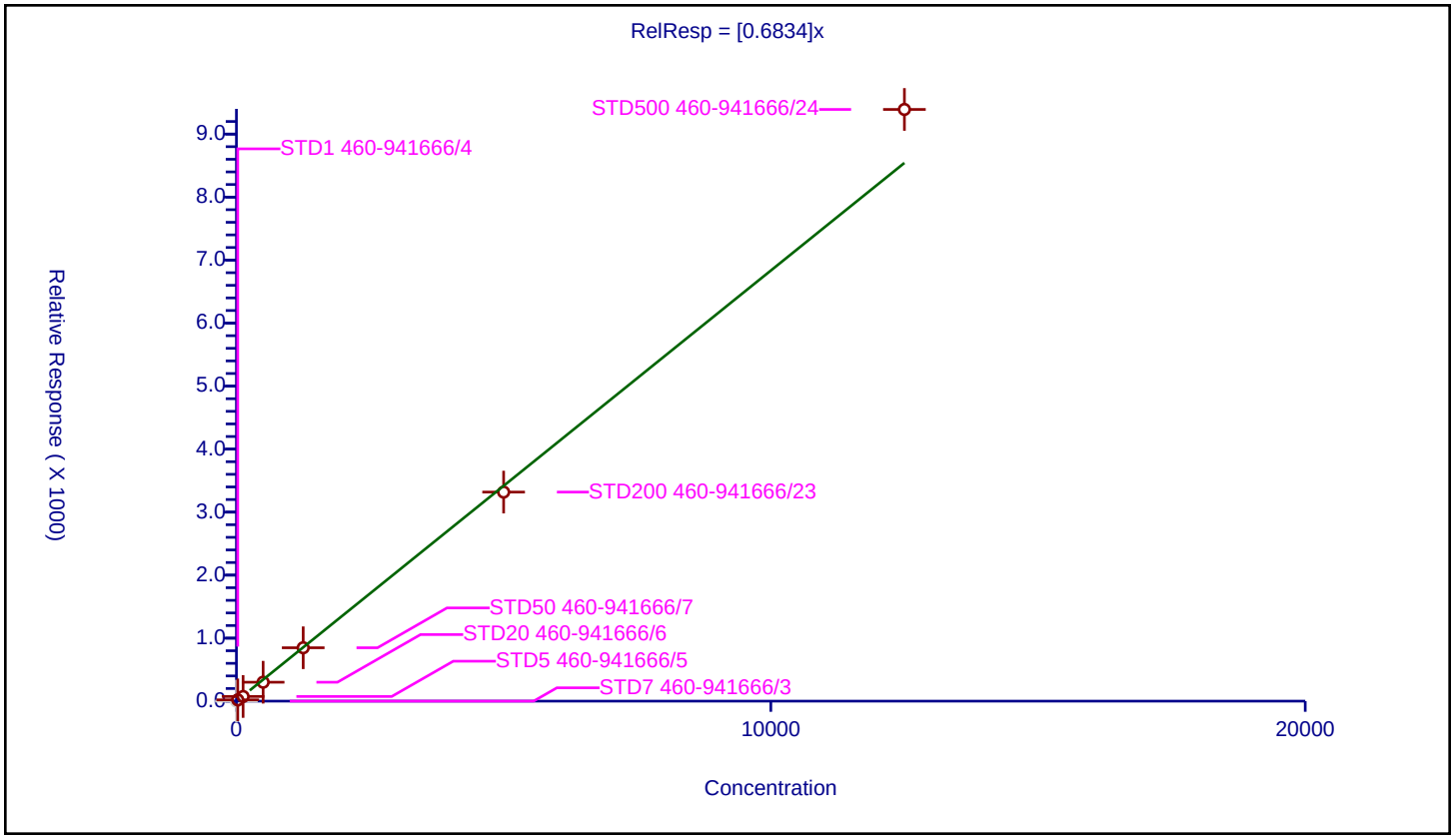
Curve Coefficients

Intercept:	0
Slope:	0.6834

Error Coefficients

Standard Error:	424000
Relative Standard Error:	12.8
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	25.0	20.427351	1000.0	89341.0	0.817094	Y
3	STD5 460-941666/5	125.0	73.682711	1000.0	91229.0	0.589462	Y
4	STD20 460-941666/6	500.0	300.45971	1000.0	92232.0	0.600919	Y
5	STD50 460-941666/7	1250.0	847.551878	1000.0	81103.0	0.678042	Y
6	STD200 460-941666/23	5000.0	3318.139199	1000.0	88521.0	0.663628	Y
7	STD500 460-941666/24	12500.0	9390.918218	1000.0	96611.0	0.751273	Y



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Calibration / Ethyl acrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

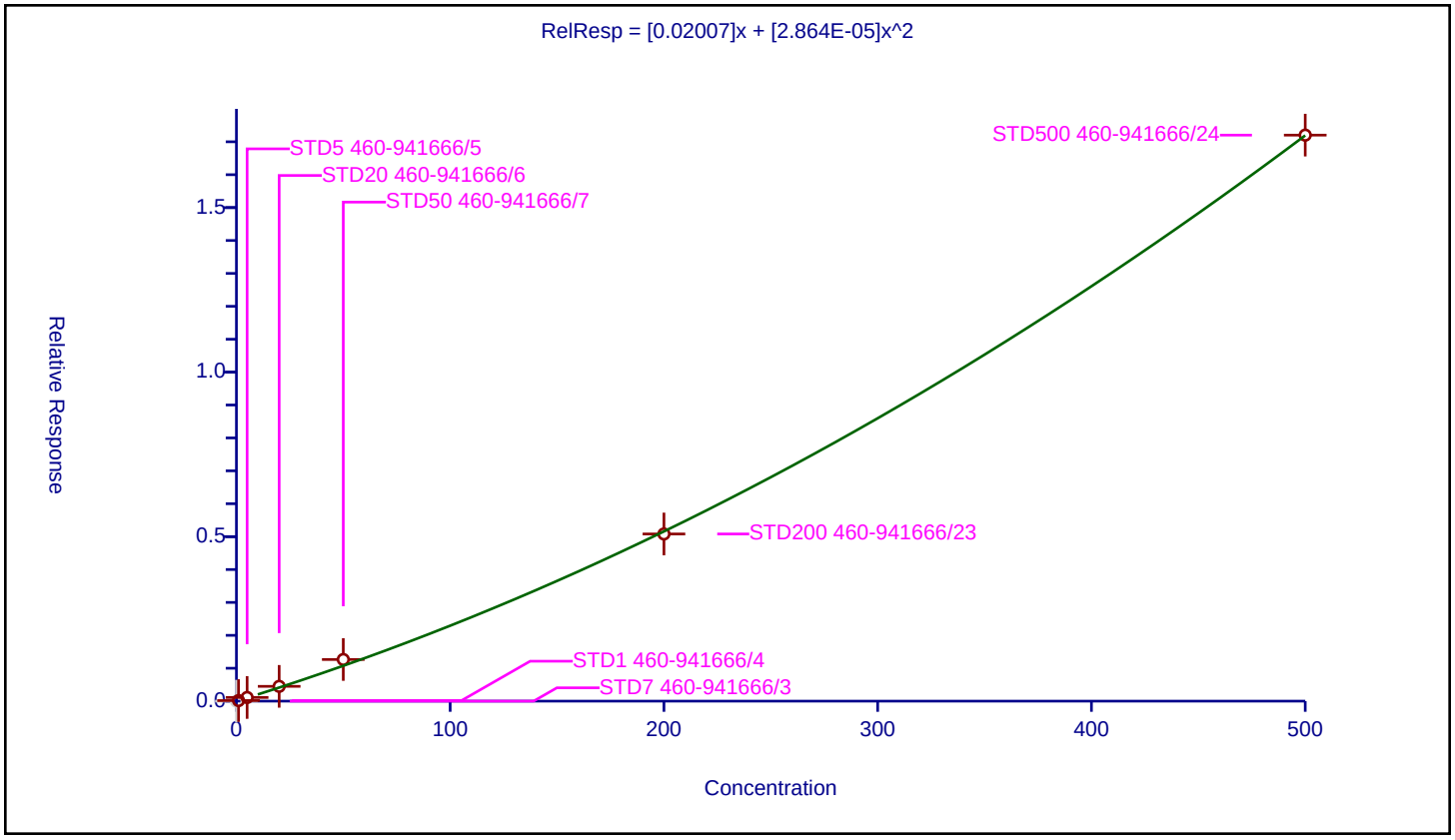
Curve Coefficients

Intercept:	0
Slope:	0.02007
Second Order:	2.864E-05

Error Coefficients

Standard Error:	101000
Relative Standard Error:	12.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.017341	50.0	469984.0	0.017341	Y
3	STD5 460-941666/5	5.0	0.111248	50.0	459335.0	0.02225	Y
4	STD20 460-941666/6	20.0	0.449997	50.0	456892.0	0.0225	Y
5	STD50 460-941666/7	50.0	1.265668	50.0	446760.0	0.025313	Y
6	STD200 460-941666/23	200.0	5.080901	50.0	536765.0	0.025405	Y
7	STD500 460-941666/24	500.0	17.20297	50.0	564109.0	0.034406	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

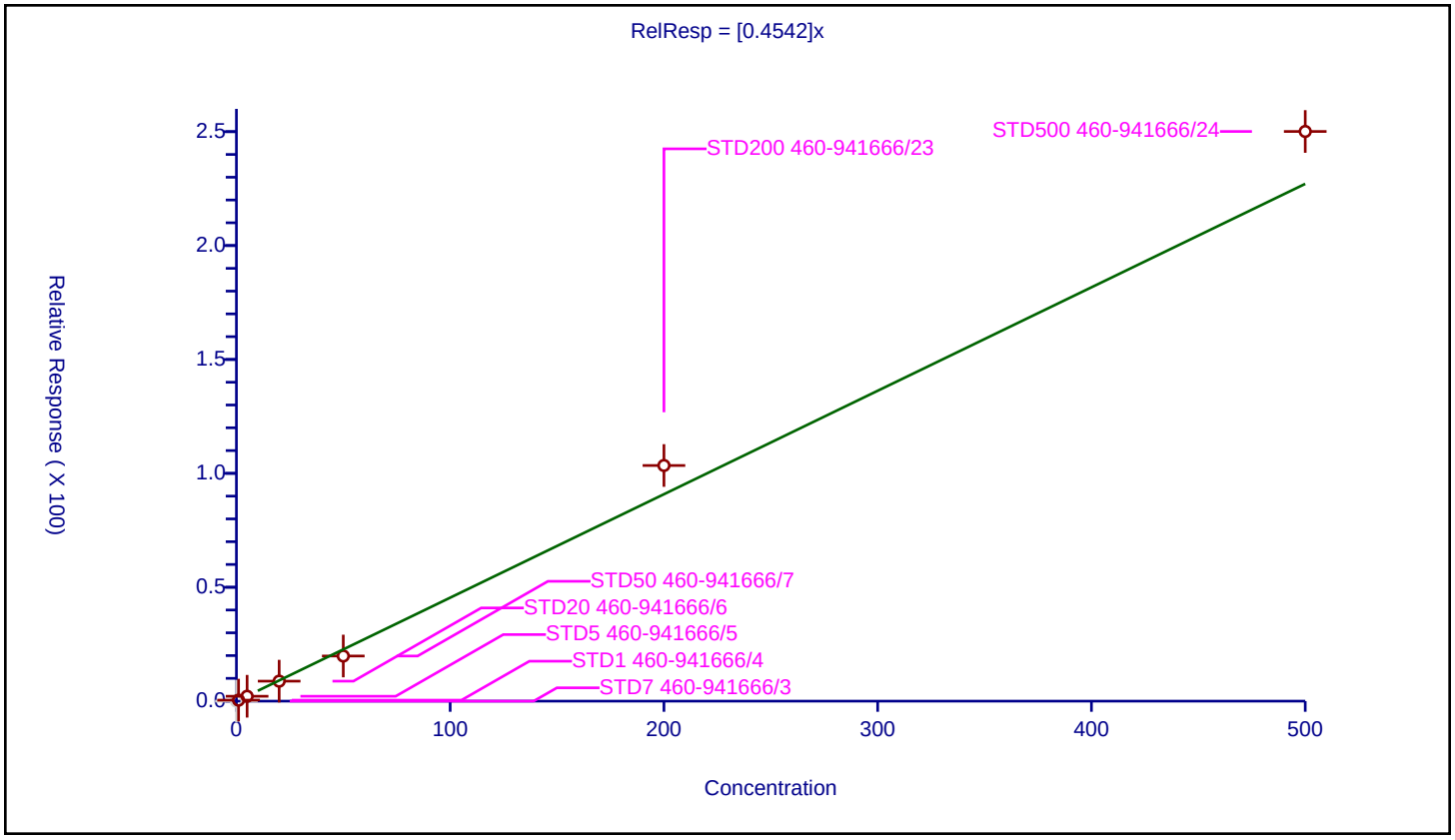
Curve Coefficients

Intercept:	0
Slope:	0.4542

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	10.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.4431	50.0	469984.0	0.4431	Y
3	STD5 460-941666/5	5.0	2.148105	50.0	459335.0	0.429621	Y
4	STD20 460-941666/6	20.0	8.772533	50.0	456892.0	0.438627	Y
5	STD50 460-941666/7	50.0	19.815897	50.0	446760.0	0.396318	Y
6	STD200 460-941666/23	200.0	103.446667	50.0	536765.0	0.517233	Y
7	STD500 460-941666/24	500.0	250.087749	50.0	564109.0	0.500175	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

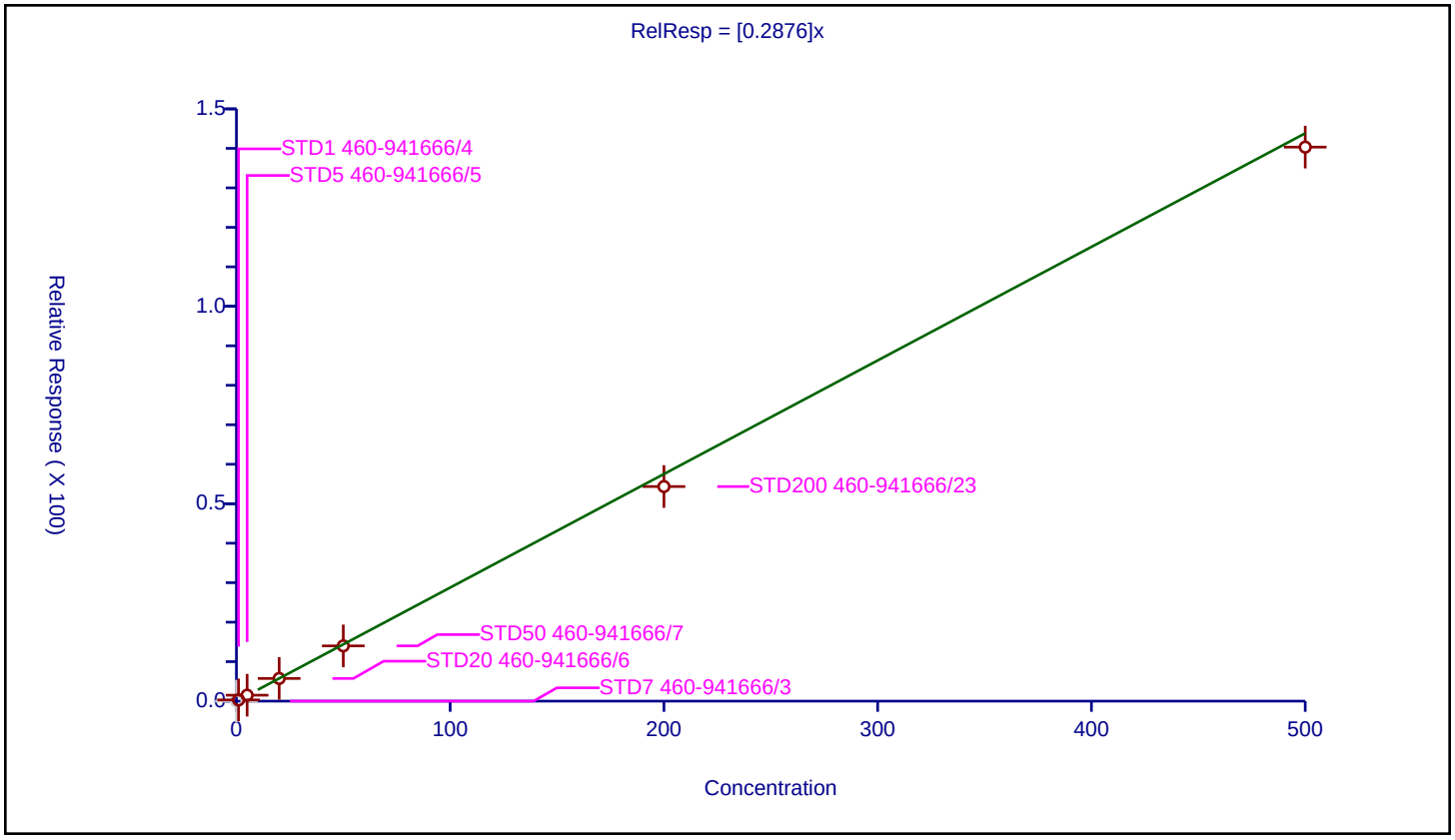
Curve Coefficients

Intercept:	0
Slope:	0.2876

Error Coefficients

Standard Error:	757000
Relative Standard Error:	4.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.304266	50.0	469984.0	0.304266	Y
3	STD5 460-941666/5	5.0	1.509791	50.0	459335.0	0.301958	Y
4	STD20 460-941666/6	20.0	5.743589	50.0	456892.0	0.287179	Y
5	STD50 460-941666/7	50.0	13.997224	50.0	446760.0	0.279944	Y
6	STD200 460-941666/23	200.0	54.356376	50.0	536765.0	0.271782	Y
7	STD500 460-941666/24	500.0	140.320045	50.0	564109.0	0.28064	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

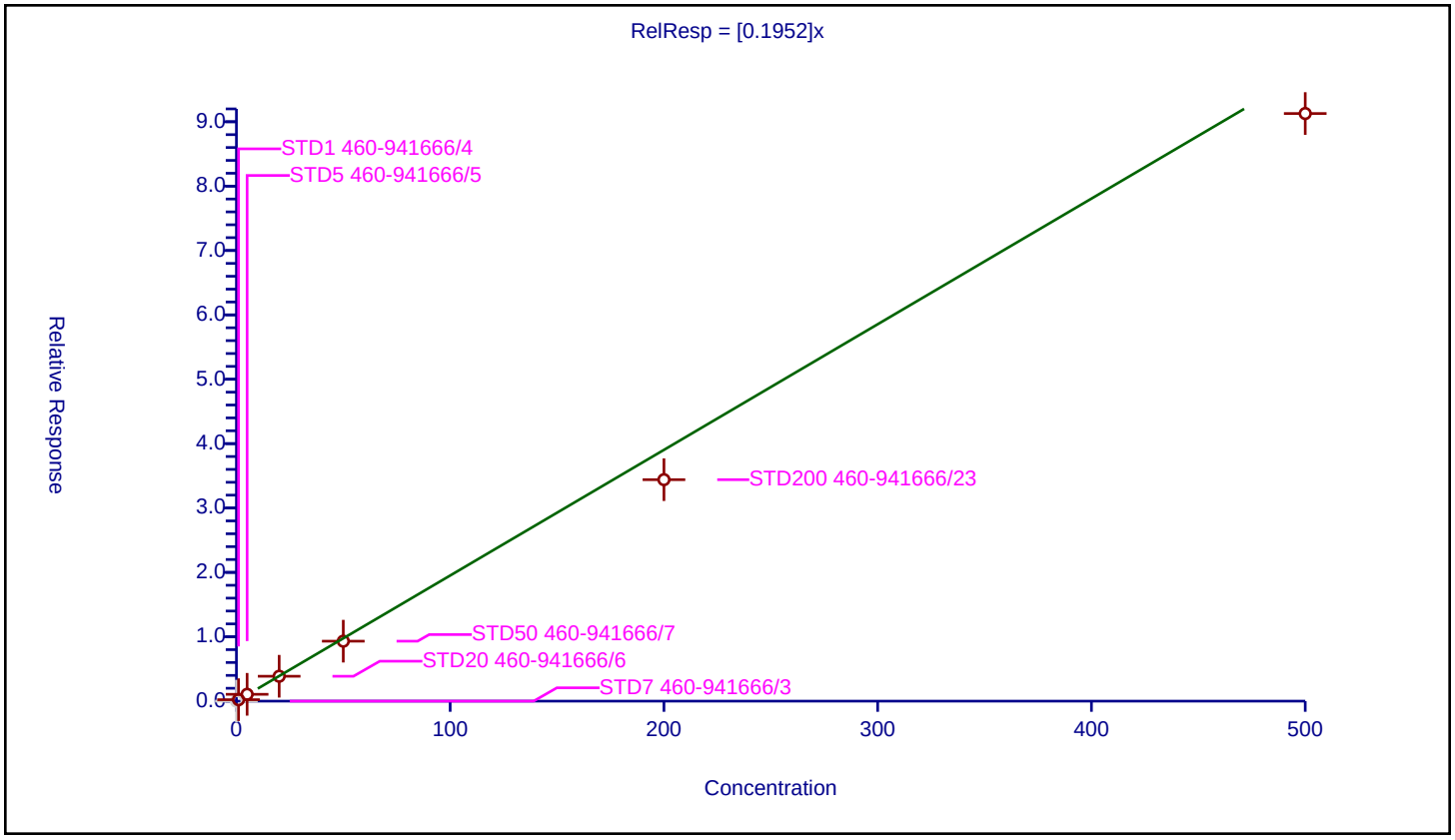
Curve Coefficients

Intercept:	0
Slope:	0.1952

Error Coefficients

Standard Error:	491000
Relative Standard Error:	10.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.224369	50.0	469984.0	0.224369	Y
3	STD5 460-941666/5	5.0	1.062079	50.0	459335.0	0.212416	Y
4	STD20 460-941666/6	20.0	3.866231	50.0	456892.0	0.193312	Y
5	STD50 460-941666/7	50.0	9.313278	50.0	446760.0	0.186266	Y
6	STD200 460-941666/23	200.0	34.403603	50.0	536765.0	0.172018	Y
7	STD500 460-941666/24	500.0	91.279079	50.0	564109.0	0.182558	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

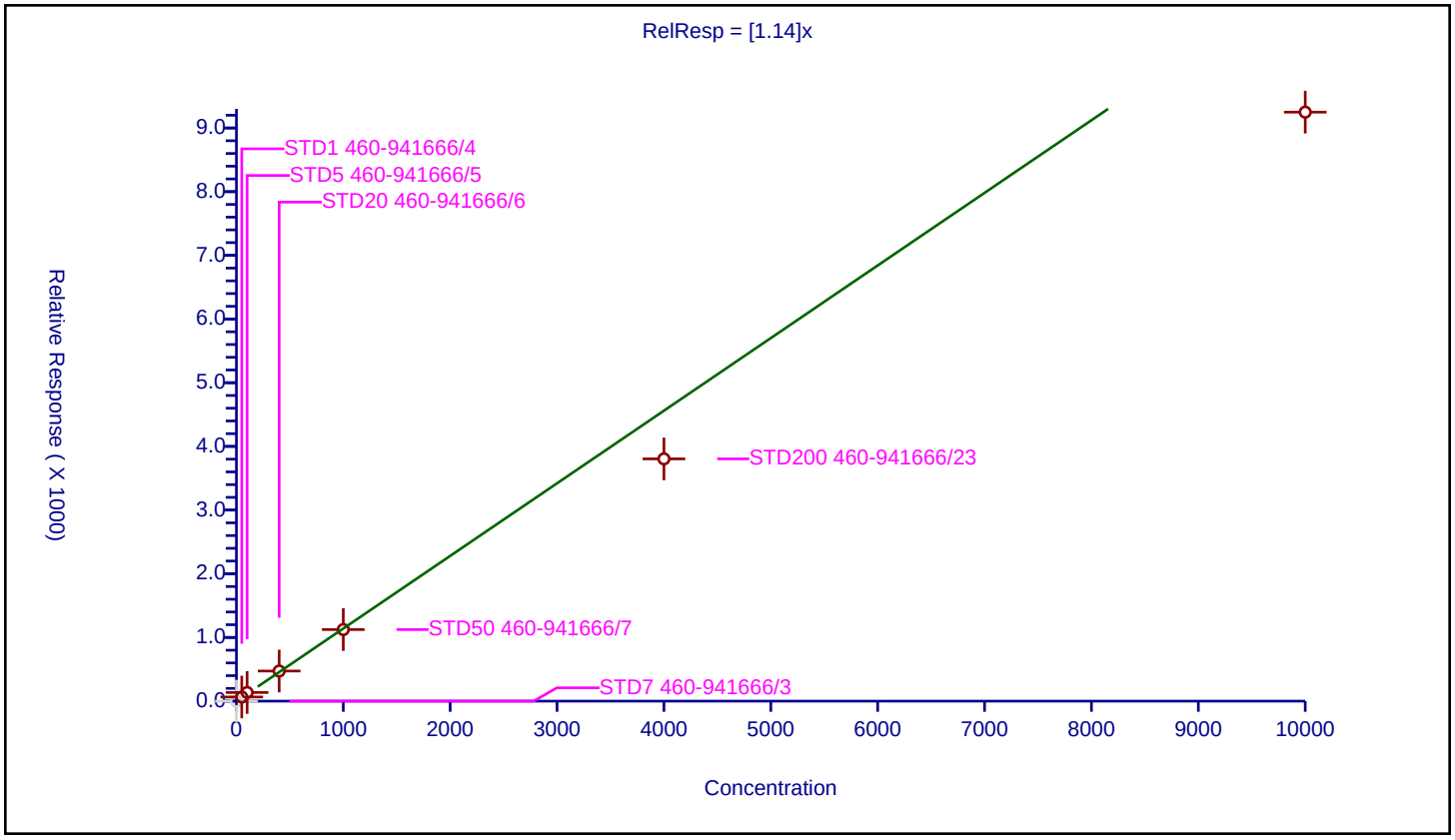
Curve Coefficients

Intercept:	0
Slope:	1.14

Error Coefficients

Standard Error:	175000
Relative Standard Error:	15.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	23172.0	NaN	N
2	STD1 460-941666/4	50.000062	65.133808	1000.0	26269.0	1.302675	Y
3	STD5 460-941666/5	100.0	135.646929	1000.0	26193.0	1.356469	Y
4	STD20 460-941666/6	400.0	472.758351	1000.0	28082.0	1.181896	Y
5	STD50 460-941666/7	1000.0	1124.166923	1000.0	29259.0	1.124167	Y
6	STD200 460-941666/23	4000.0	3804.56198	1000.0	34108.0	0.95114	Y
7	STD500 460-941666/24	10000.0	9249.129726	1000.0	41079.0	0.924913	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

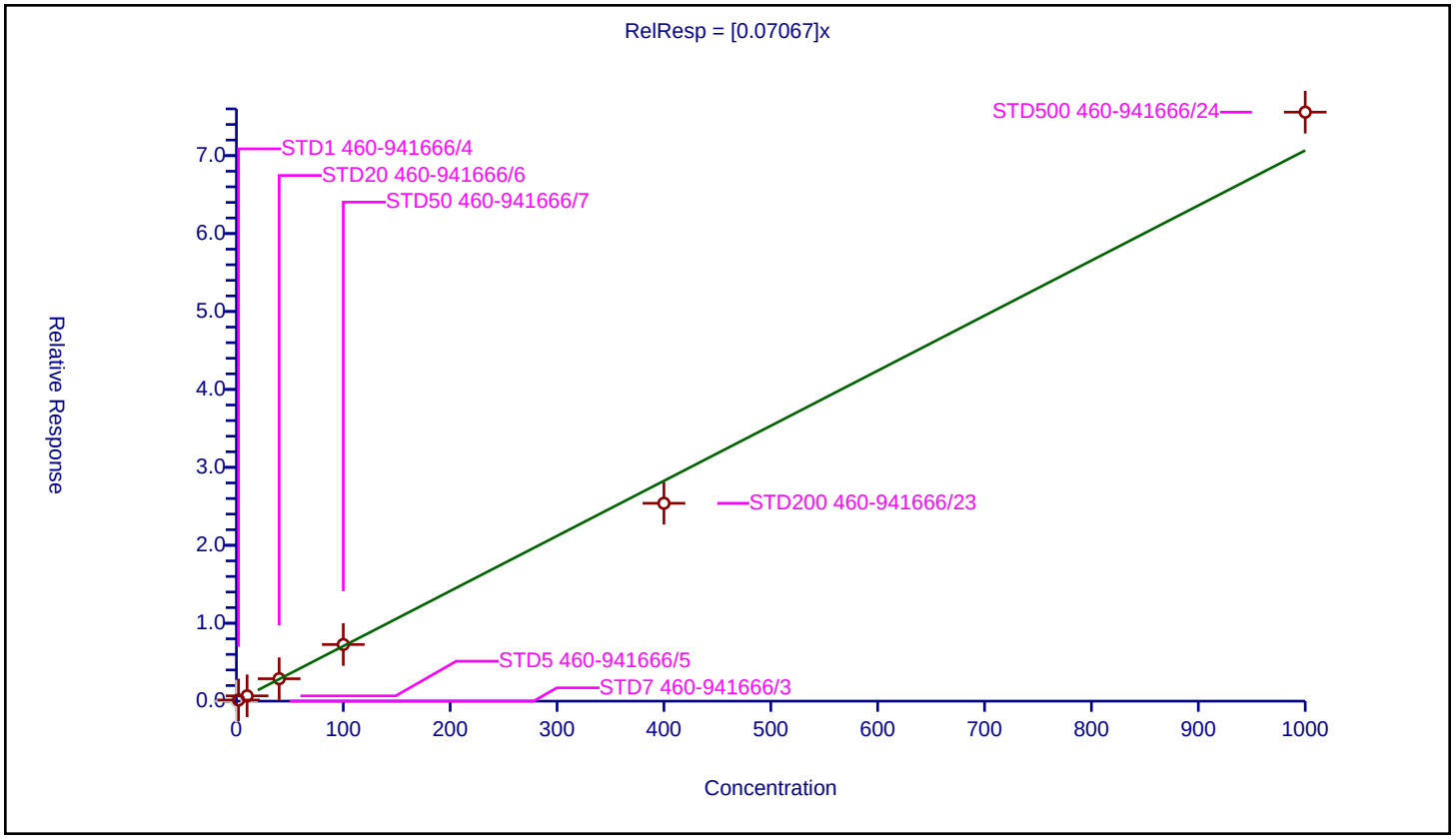
Curve Coefficients

Intercept:	0
Slope:	0.07067

Error Coefficients

Standard Error:	402000
Relative Standard Error:	6.1
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	2.0	0.145005	50.0	469984.0	0.072502	Y
3	STD5 460-941666/5	10.0	0.678916	50.0	459335.0	0.067892	Y
4	STD20 460-941666/6	40.0	2.876281	50.0	456892.0	0.071907	Y
5	STD50 460-941666/7	100.0	7.266989	50.0	446760.0	0.07267	Y
6	STD200 460-941666/23	400.0	25.391838	50.0	536765.0	0.06348	Y
7	STD500 460-941666/24	1000.0	75.580872	50.0	564109.0	0.075581	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

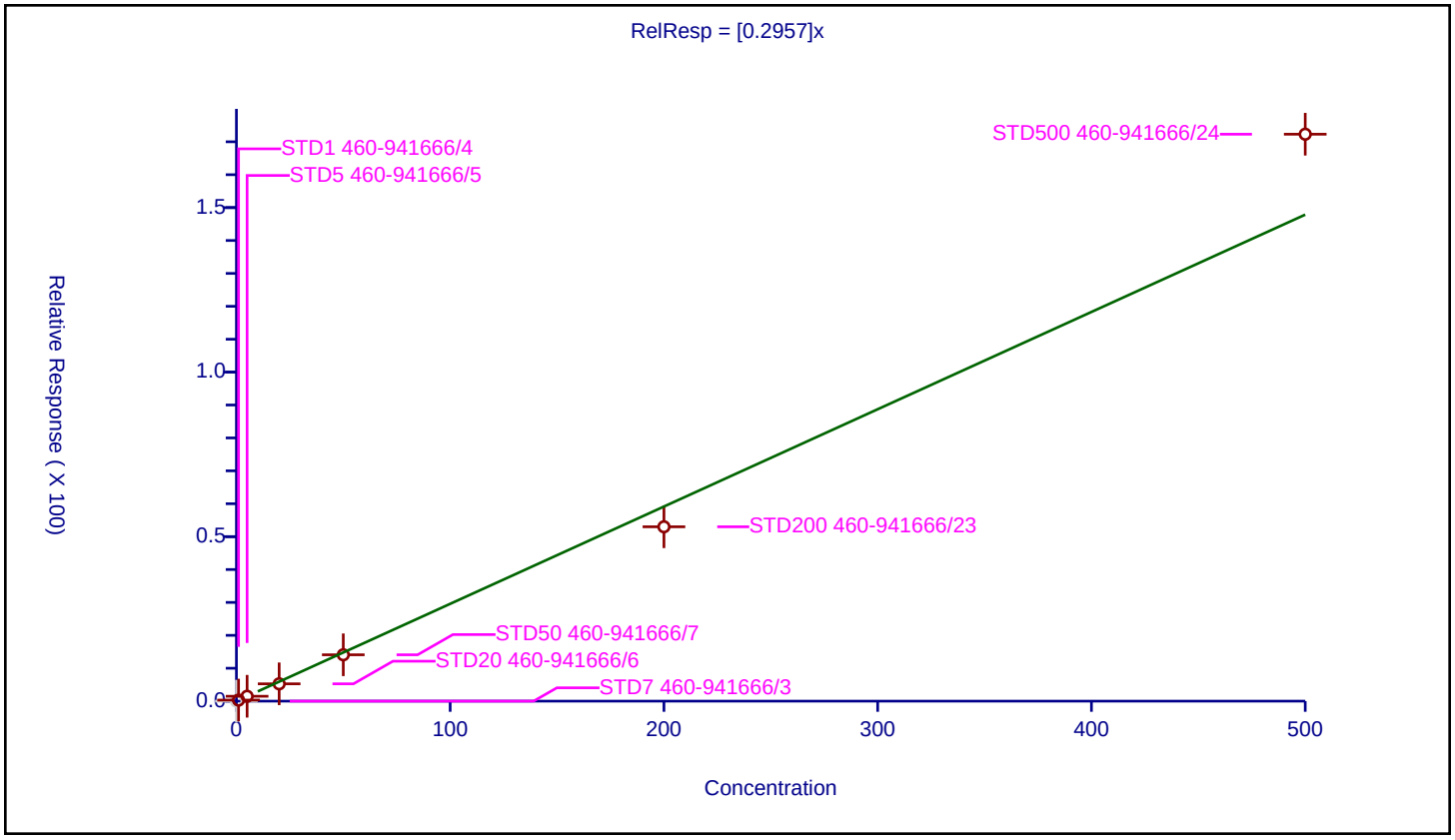
Curve Coefficients

Intercept:	0
Slope:	0.2957

Error Coefficients

Standard Error:	908000
Relative Standard Error:	11.0
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.322351	50.0	469984.0	0.322351	Y
3	STD5 460-941666/5	5.0	1.486932	50.0	459335.0	0.297386	Y
4	STD20 460-941666/6	20.0	5.264483	50.0	456892.0	0.263224	Y
5	STD50 460-941666/7	50.0	14.085527	50.0	446760.0	0.281711	Y
6	STD200 460-941666/23	200.0	52.992278	50.0	536765.0	0.264961	Y
7	STD500 460-941666/24	500.0	172.3042	50.0	564109.0	0.344608	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

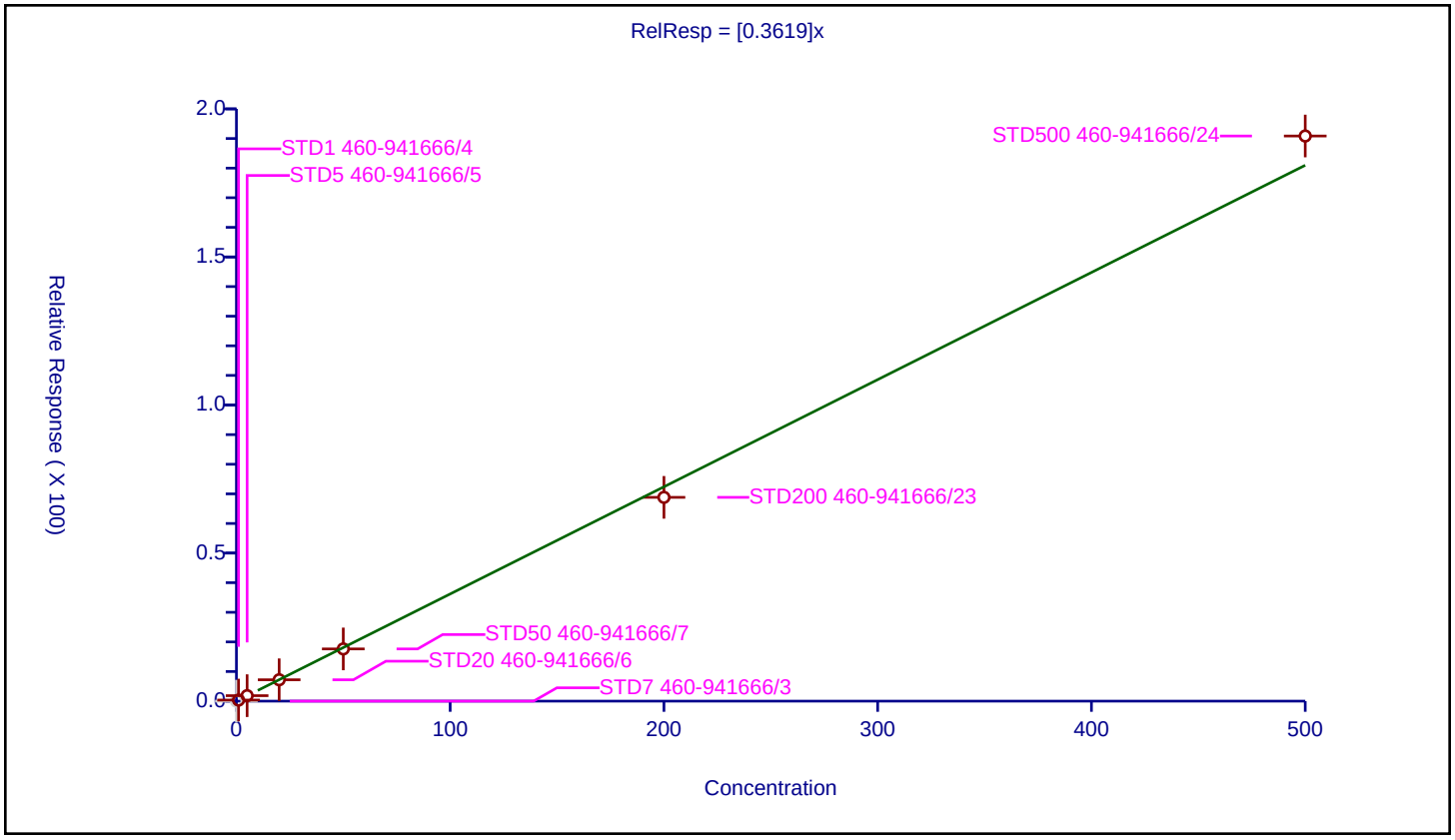
Curve Coefficients

Intercept:	0
Slope:	0.3619

Error Coefficients

Standard Error:	1020000
Relative Standard Error:	3.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.361927	50.0	469984.0	0.361927	Y
3	STD5 460-941666/5	5.0	1.852025	50.0	459335.0	0.370405	Y
4	STD20 460-941666/6	20.0	7.214944	50.0	456892.0	0.360747	Y
5	STD50 460-941666/7	50.0	17.633741	50.0	446760.0	0.352675	Y
6	STD200 460-941666/23	200.0	68.821738	50.0	536765.0	0.344109	Y
7	STD500 460-941666/24	500.0	190.842195	50.0	564109.0	0.381684	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

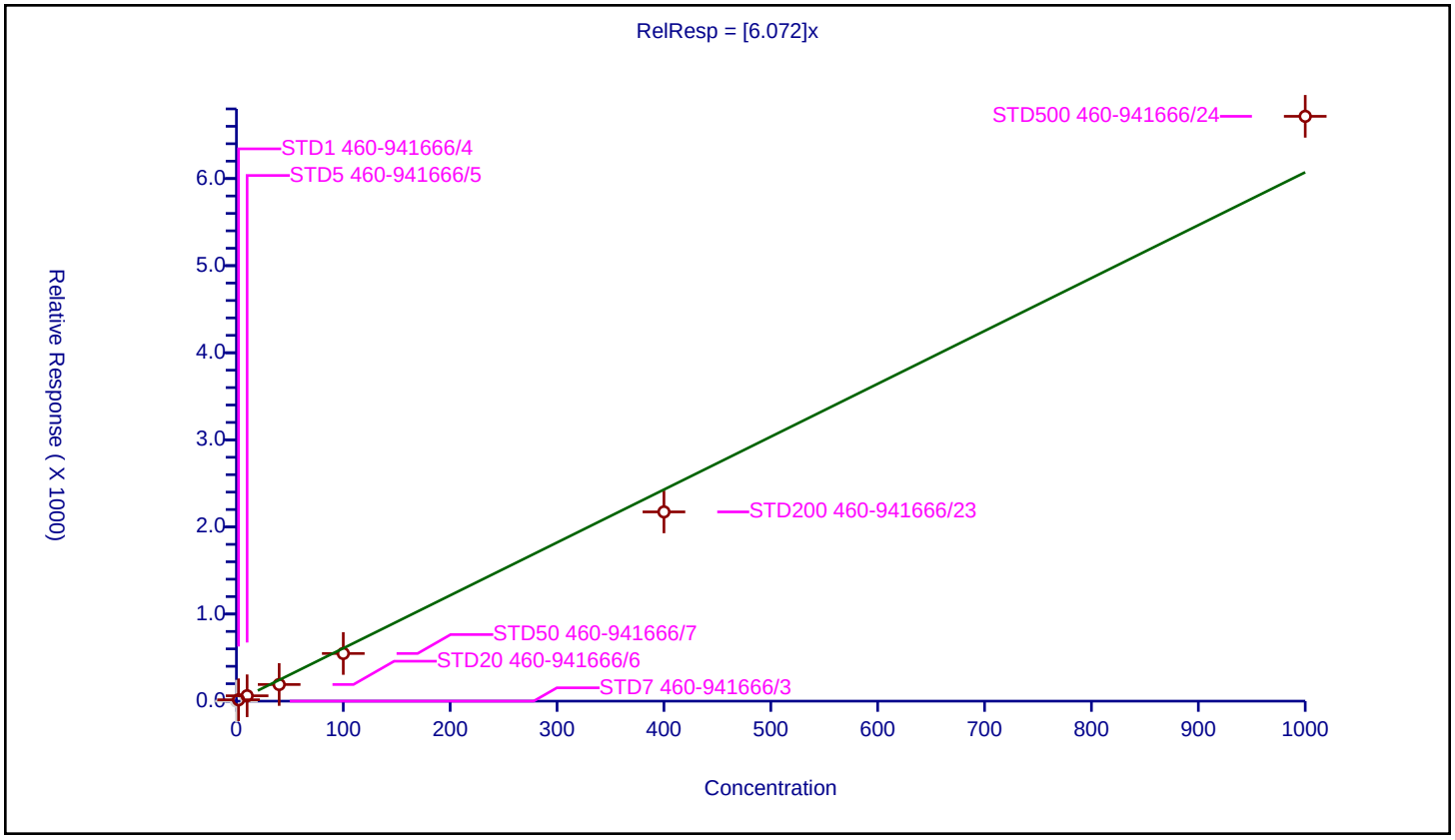
Curve Coefficients

Intercept:	0
Slope:	6.072

Error Coefficients

Standard Error:	300000
Relative Standard Error:	18.2
Correlation Coefficient:	0.989
Coefficient of Determination (Adjusted):	0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	1000.0	97128.0	NaN	N
2	STD1 460-941666/4	2.0	15.748648	1000.0	89341.0	7.874324	Y
3	STD5 460-941666/5	10.0	61.625141	1000.0	91229.0	6.162514	Y
4	STD20 460-941666/6	40.0	191.039986	1000.0	92232.0	4.776	Y
5	STD50 460-941666/7	100.0	547.267055	1000.0	81103.0	5.472671	Y
6	STD200 460-941666/23	400.0	2172.998498	1000.0	88521.0	5.432496	Y
7	STD500 460-941666/24	1000.0	6714.618418	1000.0	96611.0	6.714618	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

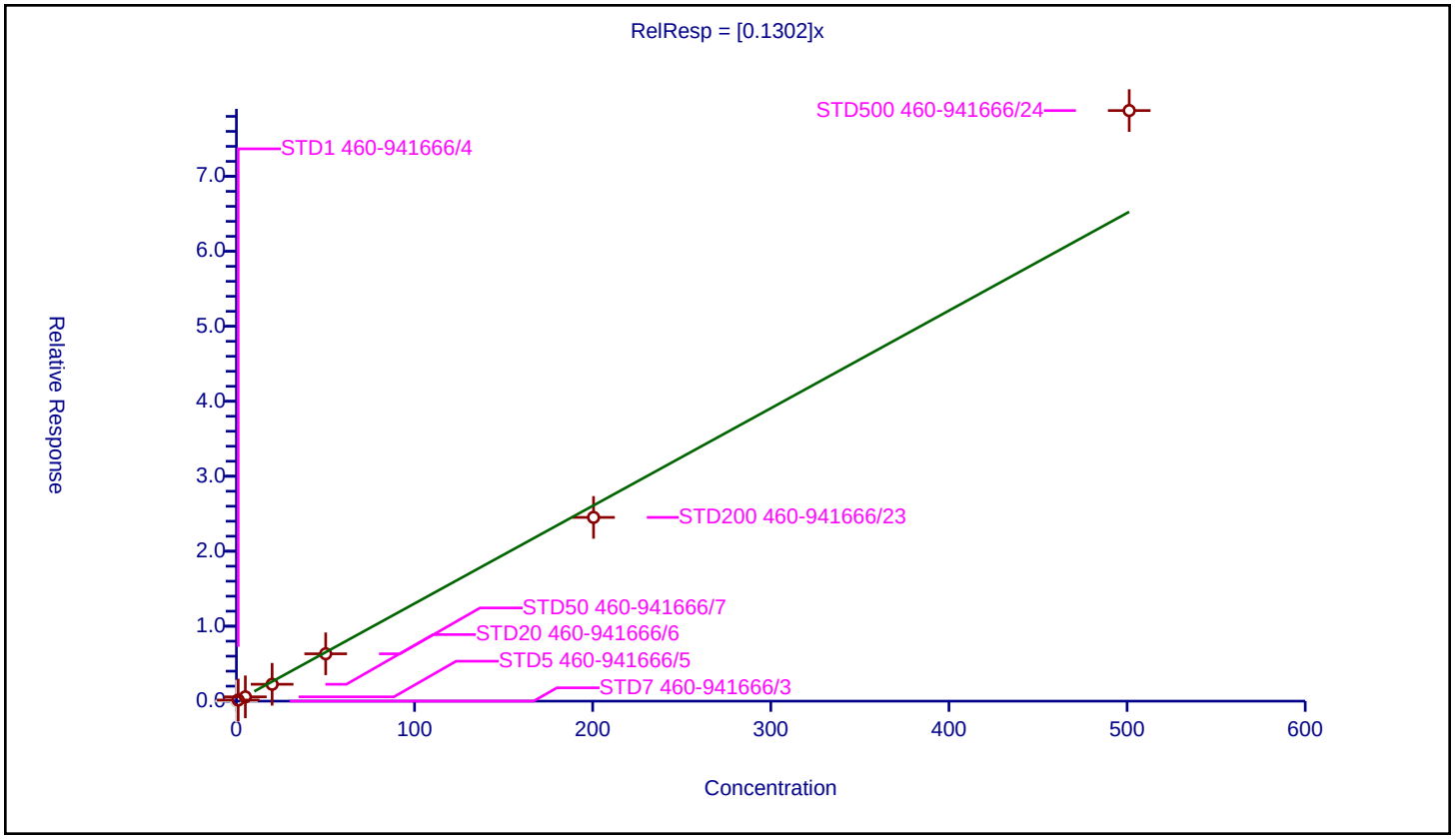
Curve Coefficients

Intercept:	0
Slope:	0.1302

Error Coefficients

Standard Error:	415000
Relative Standard Error:	14.4
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0024	0.149792	50.0	469984.0	0.149434	Y
3	STD5 460-941666/5	5.012	0.572676	50.0	459335.0	0.114261	Y
4	STD20 460-941666/6	20.048	2.249875	50.0	456892.0	0.112224	Y
5	STD50 460-941666/7	50.12	6.315919	50.0	446760.0	0.126016	Y
6	STD200 460-941666/23	200.48	24.507559	50.0	536765.0	0.122244	Y
7	STD500 460-941666/24	501.2	78.775556	50.0	564109.0	0.157174	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

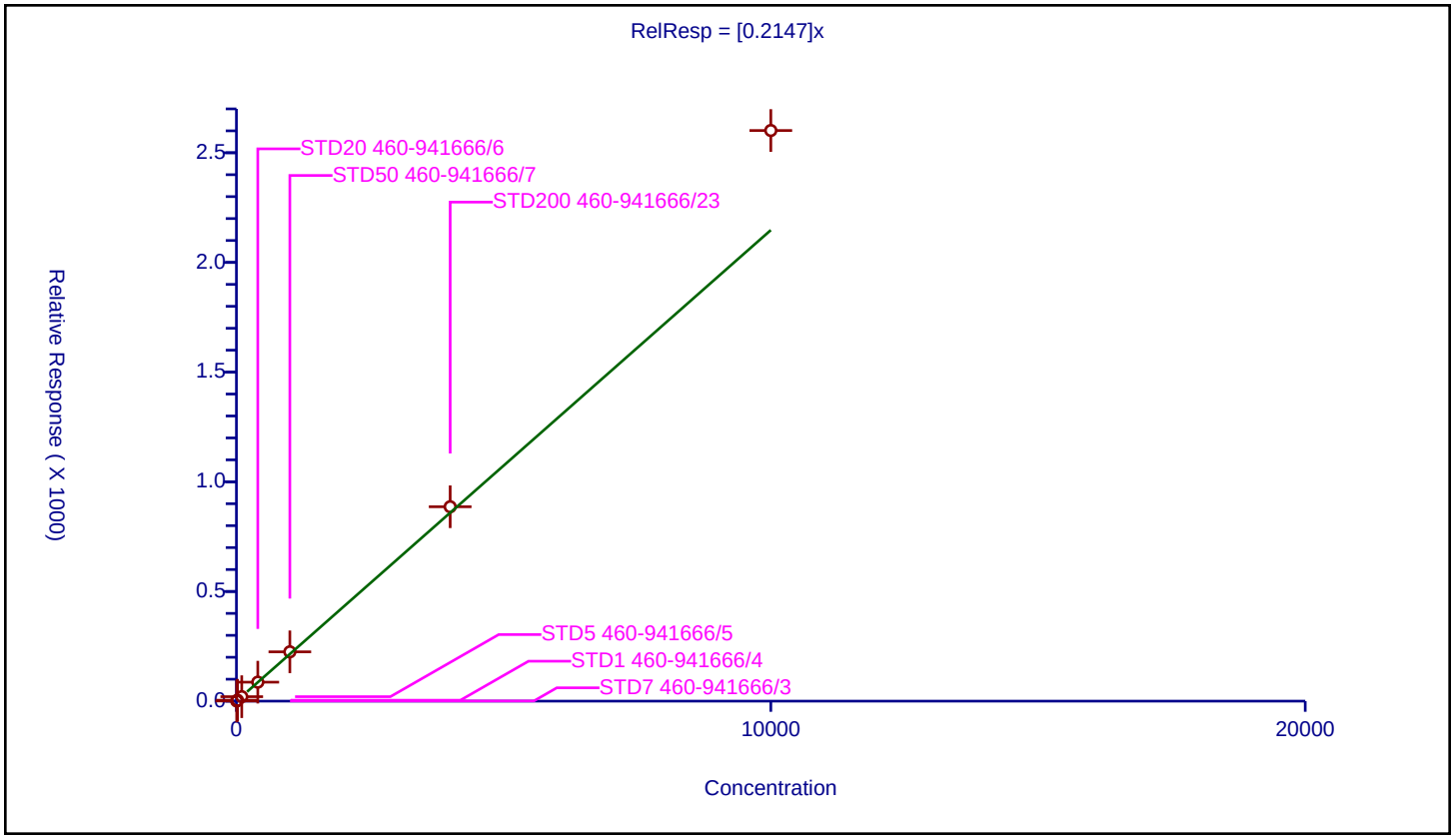
Curve Coefficients

Intercept:	0
Slope:	0.2147

Error Coefficients

Standard Error:	1370000
Relative Standard Error:	12.6
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	5.000009	0.849042	250.0	274427.0	0.169808	Y
2	STD1 460-941666/4	20.000035	4.145694	250.0	257677.0	0.207284	Y
3	STD5 460-941666/5	100.000173	20.330039	250.0	258091.0	0.2033	Y
4	STD20 460-941666/6	400.000692	86.505394	250.0	255013.0	0.216263	Y
5	STD50 460-941666/7	1000.00173	224.832752	250.0	252769.0	0.224832	Y
6	STD200 460-941666/23	4000.00692	886.139771	250.0	271774.0	0.221535	Y
7	STD500 460-941666/24	10000.0173	2601.44161	250.0	308648.0	0.260144	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

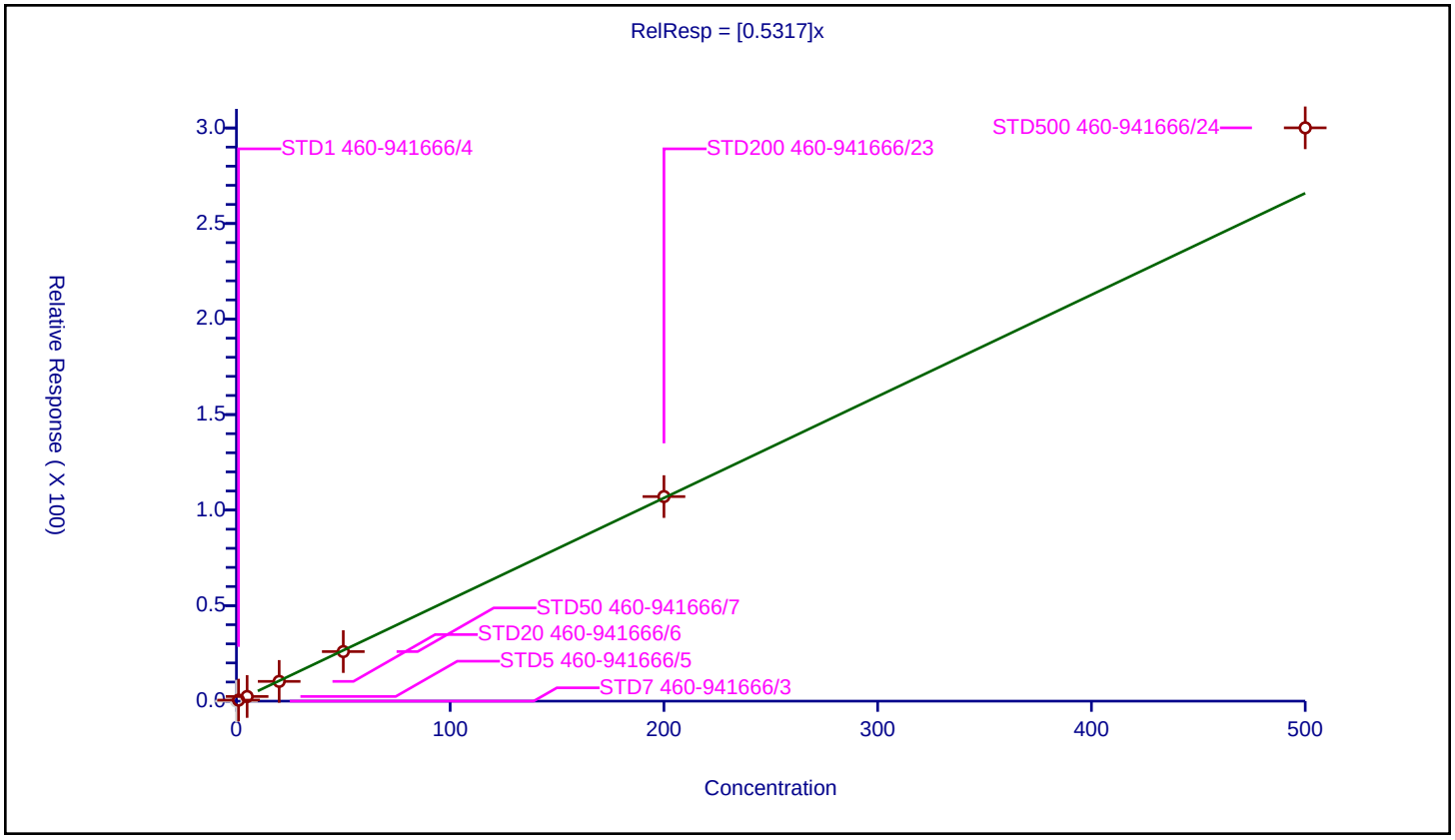
Curve Coefficients

Intercept:	0
Slope:	0.5317

Error Coefficients

Standard Error:	1290000
Relative Standard Error:	7.1
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.532684	50.0	354713.0	0.532684	Y
3	STD5 460-941666/5	5.0	2.432192	50.0	363787.0	0.486438	Y
4	STD20 460-941666/6	20.0	10.337956	50.0	351791.0	0.516898	Y
5	STD50 460-941666/7	50.0	25.939715	50.0	346355.0	0.518794	Y
6	STD200 460-941666/23	200.0	107.079063	50.0	405209.0	0.535395	Y
7	STD500 460-941666/24	500.0	300.087408	50.0	458766.0	0.600175	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

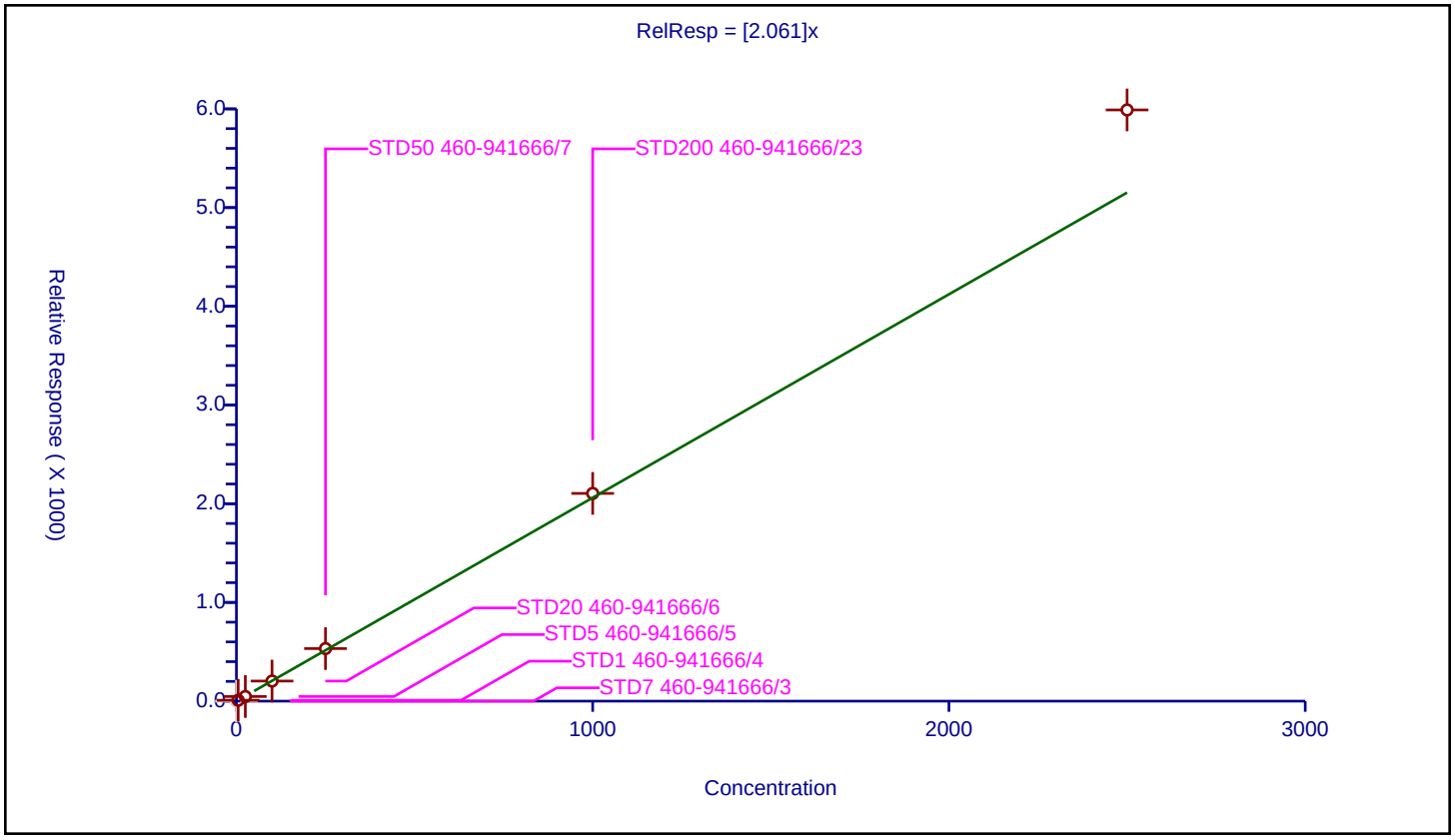
Curve Coefficients

Intercept:	0
Slope:	2.061

Error Coefficients

Standard Error:	3470000
Relative Standard Error:	9.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	5.0	9.116064	250.0	257677.0	1.823213	Y
3	STD5 460-941666/5	25.0	46.899156	250.0	258091.0	1.875966	Y
4	STD20 460-941666/6	100.0	203.538643	250.0	255013.0	2.035386	Y
5	STD50 460-941666/7	250.0	532.58212	250.0	252769.0	2.130328	Y
6	STD200 460-941666/23	1000.0	2104.521588	250.0	271774.0	2.104522	Y
7	STD500 460-941666/24	2500.0	5989.499365	250.0	308648.0	2.3958	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

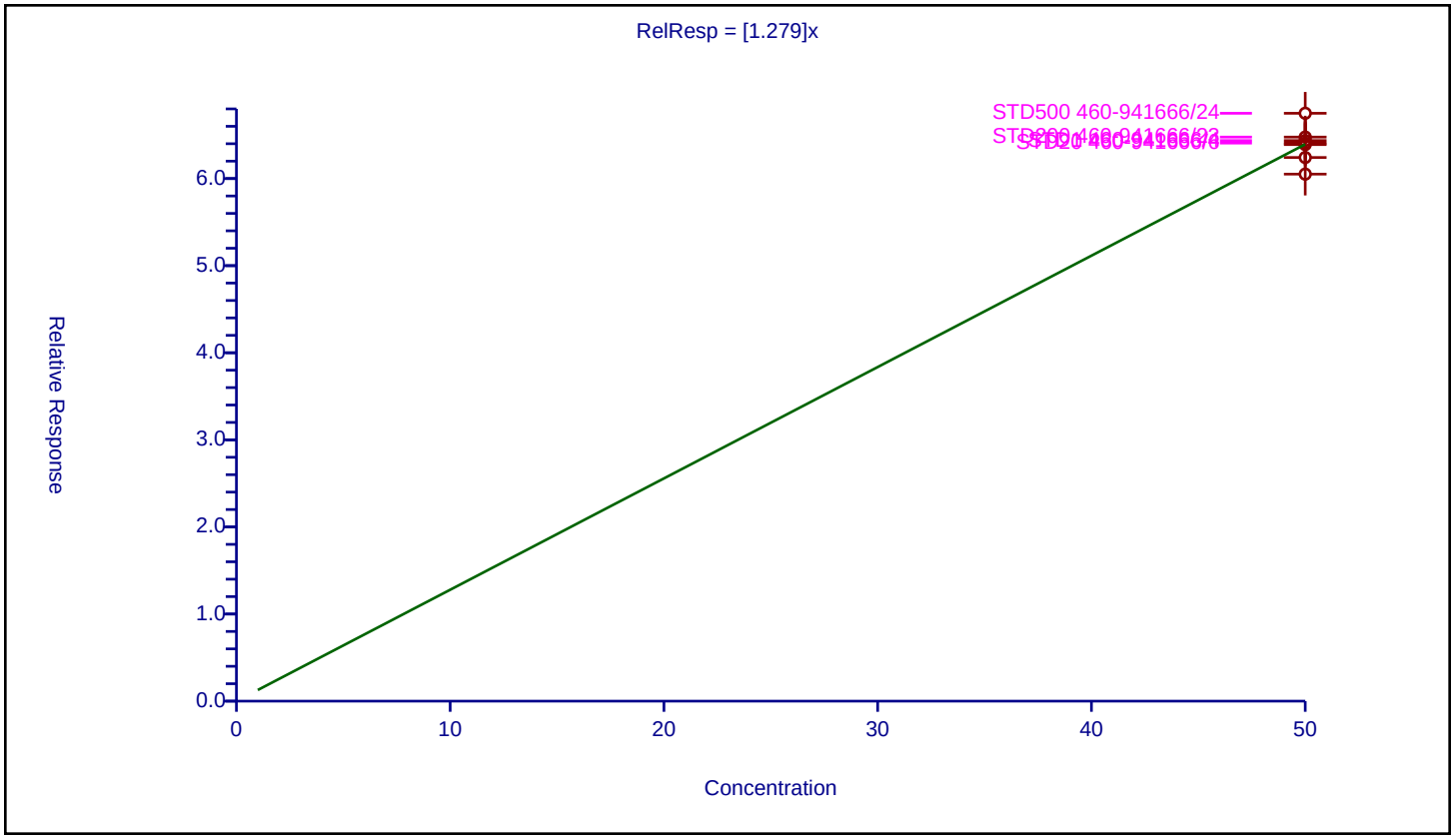
Curve Coefficients

Intercept:	0
Slope:	1.279

Error Coefficients

Standard Error:	527000
Relative Standard Error:	3.4
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	50.0	60.510562	50.0	361817.0	1.210211	Y
2	STD1 460-941666/4	50.0	64.364853	50.0	354713.0	1.287297	Y
3	STD5 460-941666/5	50.0	62.419493	50.0	363787.0	1.24839	Y
4	STD20 460-941666/6	50.0	64.07455	50.0	351791.0	1.281491	Y
5	STD50 460-941666/7	50.0	63.900622	50.0	346355.0	1.278012	Y
6	STD200 460-941666/23	50.0	64.766084	50.0	405209.0	1.295322	Y
7	STD500 460-941666/24	50.0	67.495303	50.0	458766.0	1.349906	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

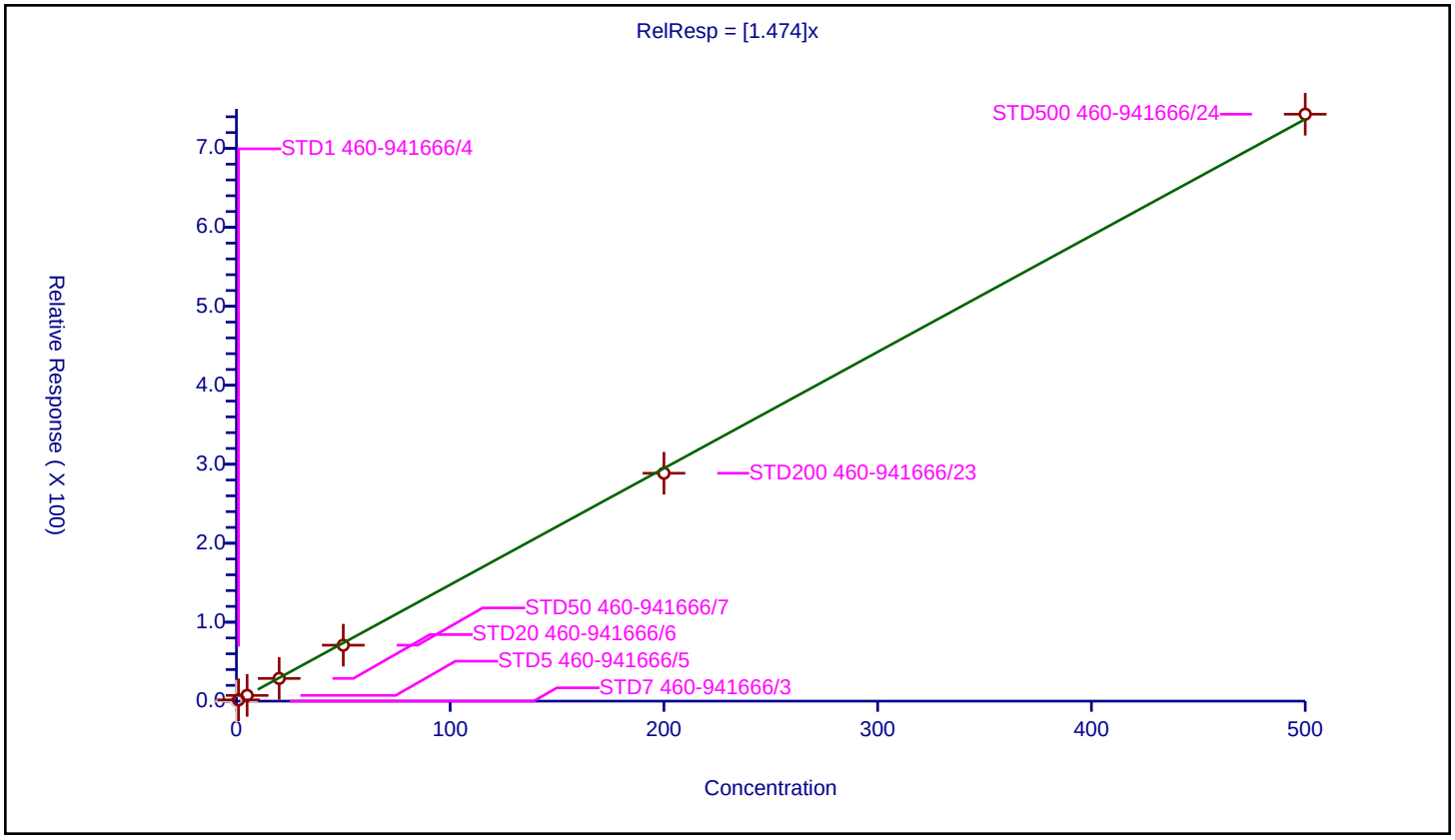
Curve Coefficients

Intercept:	0
Slope:	1.474

Error Coefficients

Standard Error:	3230000
Relative Standard Error:	4.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	1.604396	50.0	354713.0	1.604396	Y
3	STD5 460-941666/5	5.0	7.275136	50.0	363787.0	1.455027	Y
4	STD20 460-941666/6	20.0	28.7604	50.0	351791.0	1.43802	Y
5	STD50 460-941666/7	50.0	70.861111	50.0	346355.0	1.417222	Y
6	STD200 460-941666/23	200.0	288.601685	50.0	405209.0	1.443008	Y
7	STD500 460-941666/24	500.0	743.300288	50.0	458766.0	1.486601	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

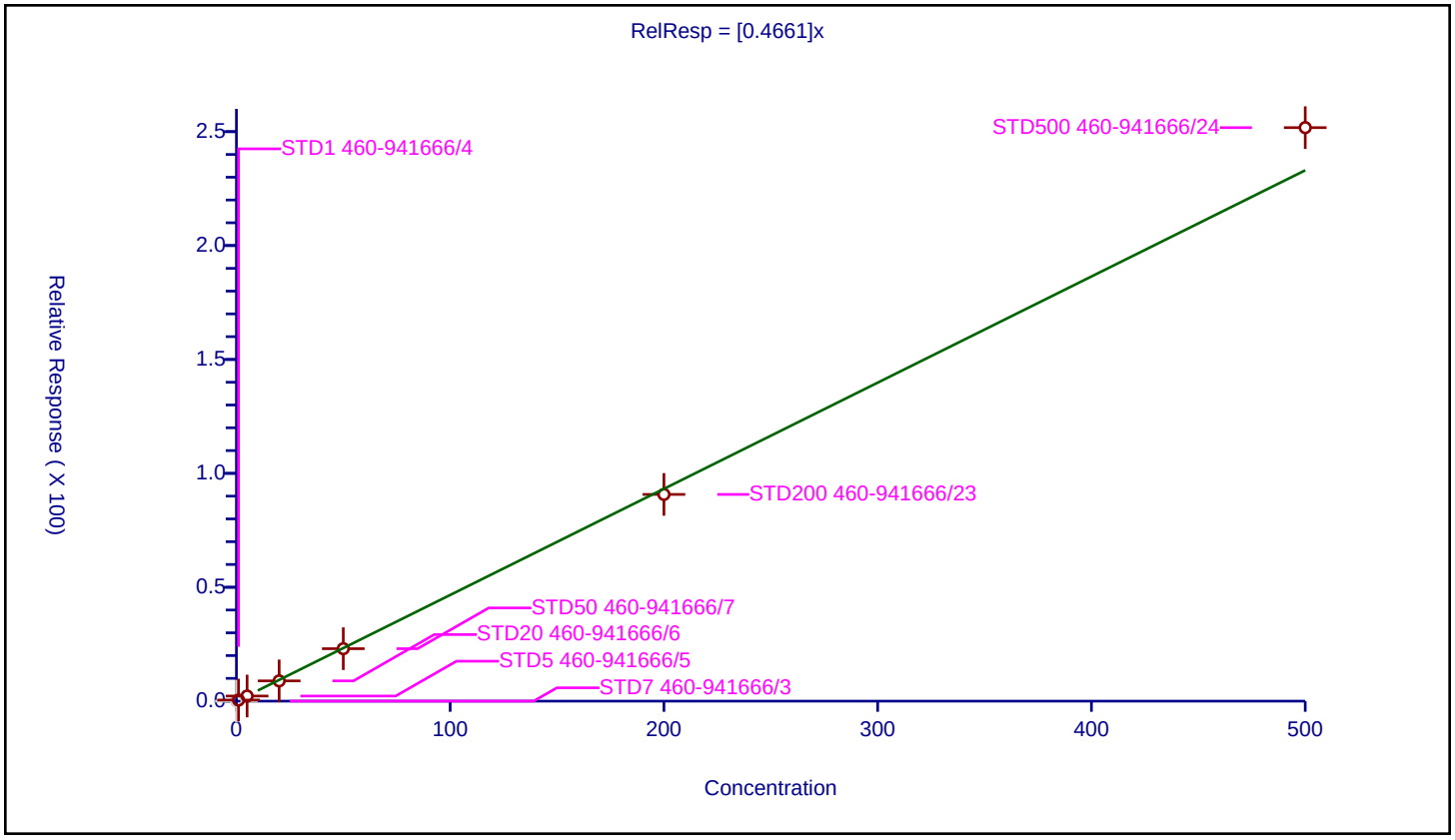
Curve Coefficients

Intercept:	0
Slope:	0.4661

Error Coefficients

Standard Error:	1090000
Relative Standard Error:	4.8
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.482503	50.0	354713.0	0.482503	Y
3	STD5 460-941666/5	5.0	2.255853	50.0	363787.0	0.451171	Y
4	STD20 460-941666/6	20.0	8.895907	50.0	351791.0	0.444795	Y
5	STD50 460-941666/7	50.0	23.029839	50.0	346355.0	0.460597	Y
6	STD200 460-941666/23	200.0	90.749218	50.0	405209.0	0.453746	Y
7	STD500 460-941666/24	500.0	251.765061	50.0	458766.0	0.50353	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

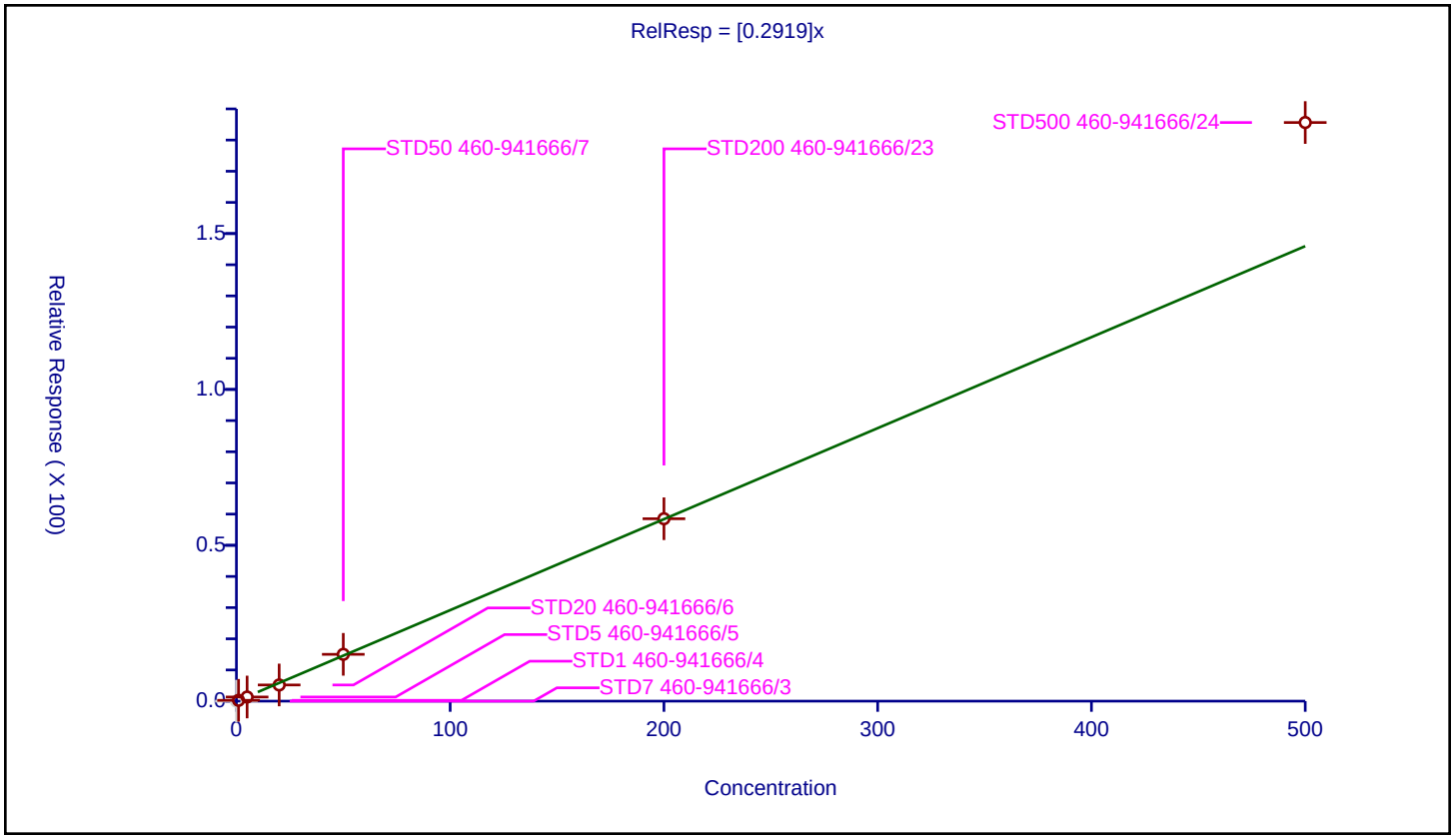
Curve Coefficients

Intercept:	0
Slope:	0.2919

Error Coefficients

Standard Error:	980000
Relative Standard Error:	14.5
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	470911.0	NaN	N
2	STD1 460-941666/4	1.0	0.262137	50.0	469984.0	0.262137	Y
3	STD5 460-941666/5	5.0	1.32866	50.0	459335.0	0.265732	Y
4	STD20 460-941666/6	20.0	5.189738	50.0	456892.0	0.259487	Y
5	STD50 460-941666/7	50.0	15.014437	50.0	446760.0	0.300289	Y
6	STD200 460-941666/23	200.0	58.518719	50.0	536765.0	0.292594	Y
7	STD500 460-941666/24	500.0	185.625828	50.0	564109.0	0.371252	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

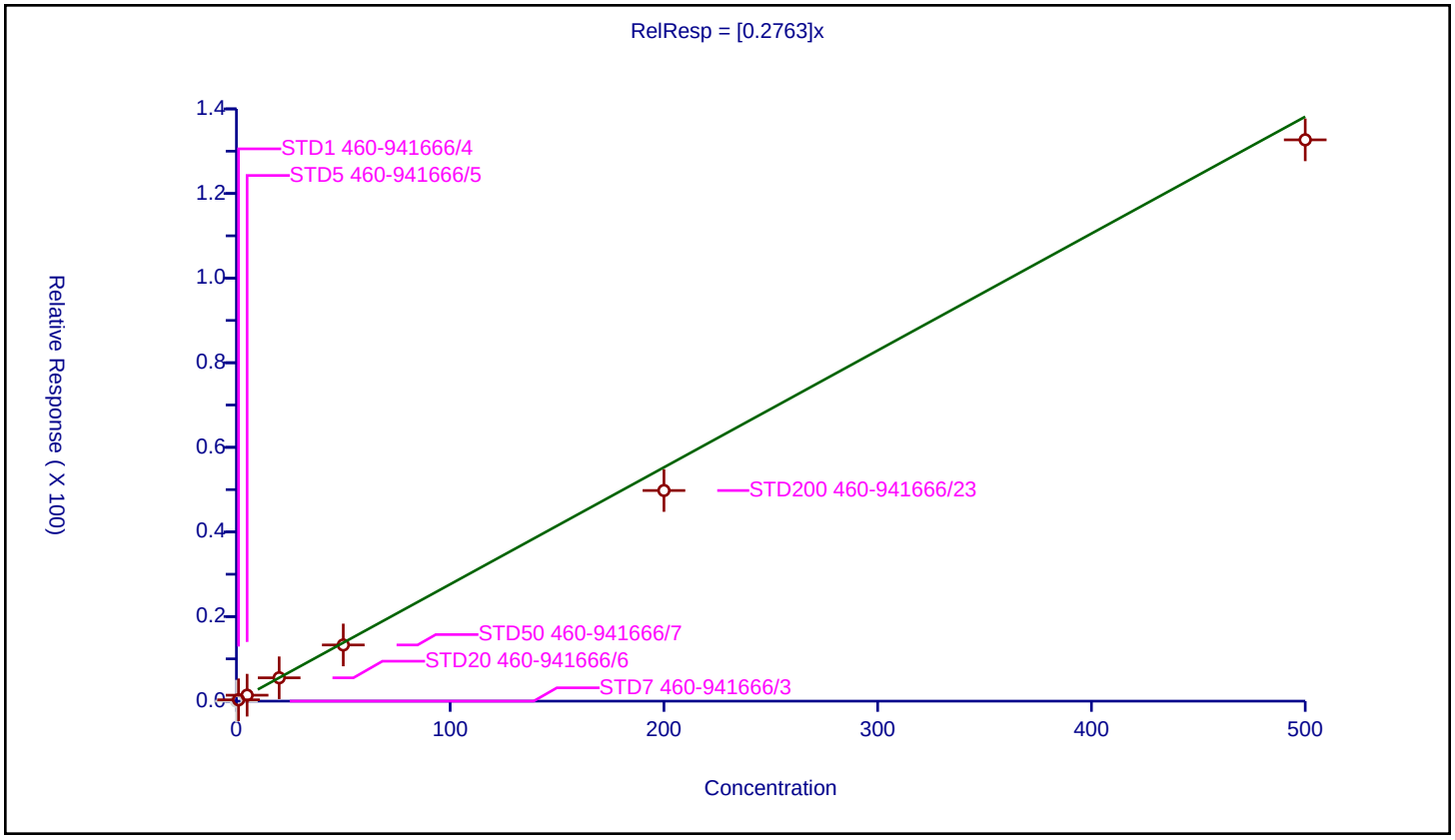
Curve Coefficients

Intercept:	0
Slope:	0.2763

Error Coefficients

Standard Error:	575000
Relative Standard Error:	8.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.320823	50.0	354713.0	0.320823	Y
3	STD5 460-941666/5	5.0	1.405768	50.0	363787.0	0.281154	Y
4	STD20 460-941666/6	20.0	5.520323	50.0	351791.0	0.276016	Y
5	STD50 460-941666/7	50.0	13.279006	50.0	346355.0	0.26558	Y
6	STD200 460-941666/23	200.0	49.789985	50.0	405209.0	0.24895	Y
7	STD500 460-941666/24	500.0	132.681912	50.0	458766.0	0.265364	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

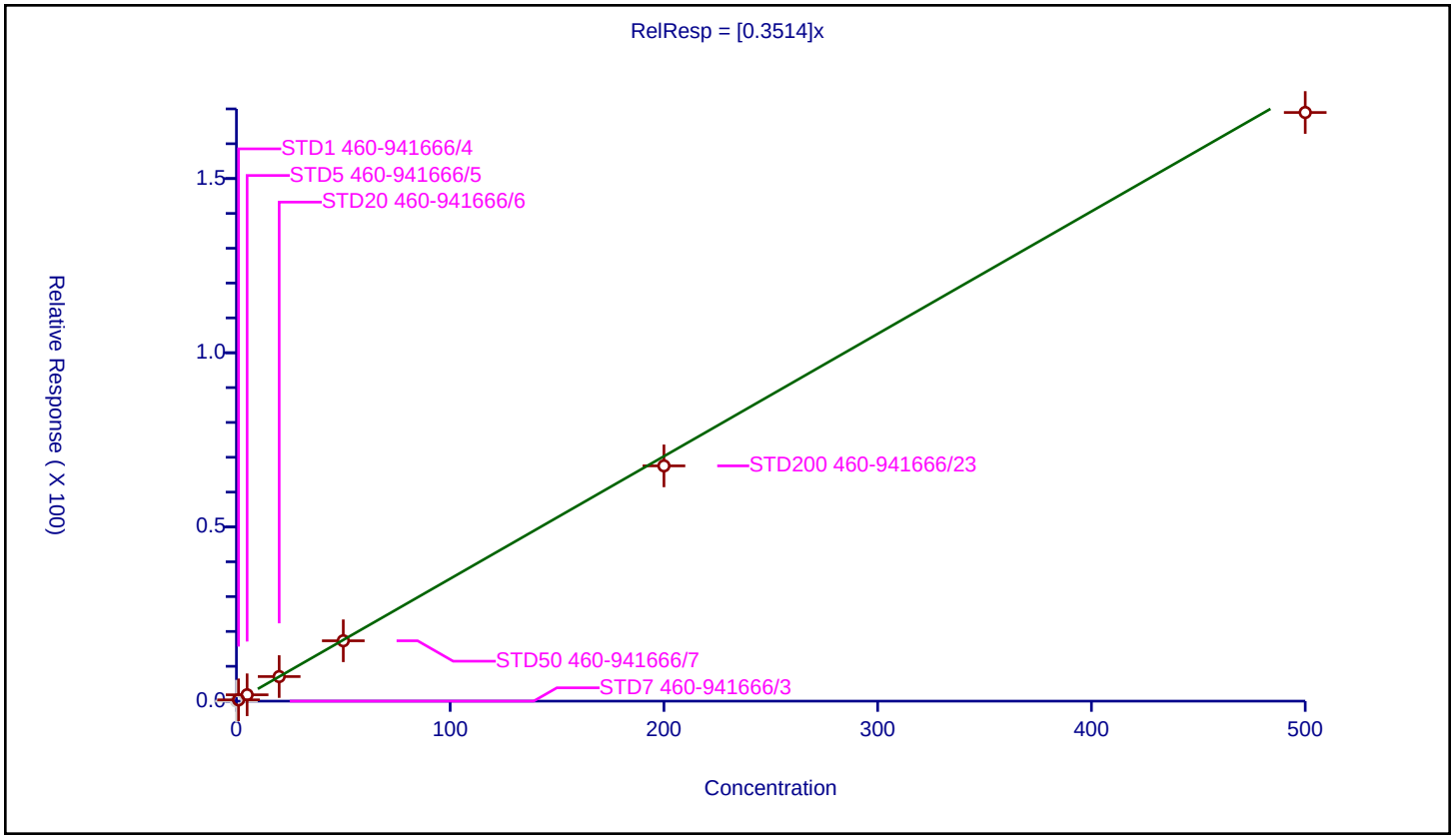
Curve Coefficients

Intercept:	0
Slope:	0.3514

Error Coefficients

Standard Error:	738000
Relative Standard Error:	3.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.369876	50.0	354713.0	0.369876	Y
3	STD5 460-941666/5	5.0	1.819884	50.0	363787.0	0.363977	Y
4	STD20 460-941666/6	20.0	7.052056	50.0	351791.0	0.352603	Y
5	STD50 460-941666/7	50.0	17.325432	50.0	346355.0	0.346509	Y
6	STD200 460-941666/23	200.0	67.534655	50.0	405209.0	0.337673	Y
7	STD500 460-941666/24	500.0	168.971	50.0	458766.0	0.337942	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

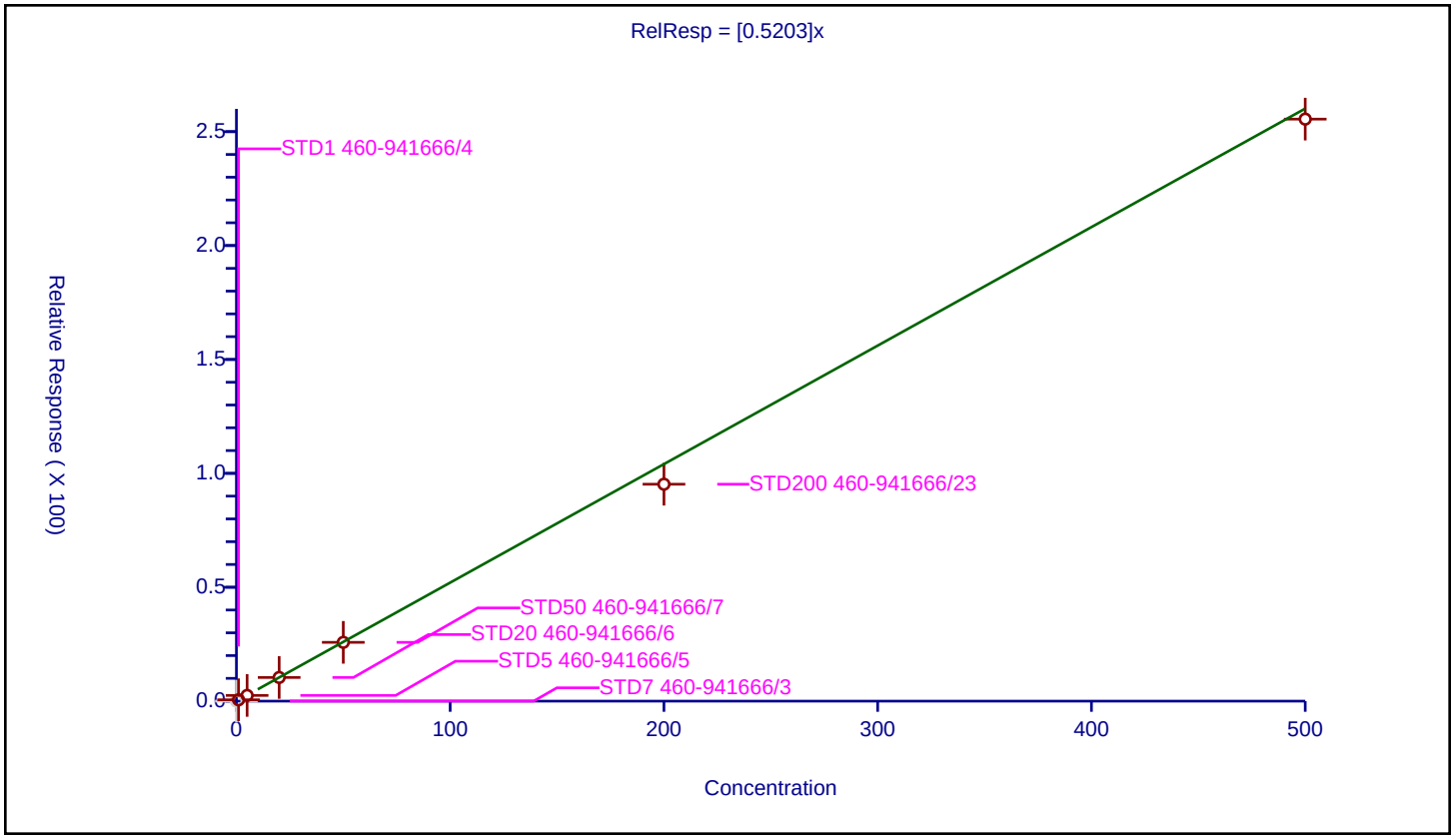
Curve Coefficients

Intercept:	0
Slope:	0.5203

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	7.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.596257	50.0	354713.0	0.596257	Y
3	STD5 460-941666/5	5.0	2.512047	50.0	363787.0	0.502409	Y
4	STD20 460-941666/6	20.0	10.392392	50.0	351791.0	0.51962	Y
5	STD50 460-941666/7	50.0	25.805315	50.0	346355.0	0.516106	Y
6	STD200 460-941666/23	200.0	95.235175	50.0	405209.0	0.476176	Y
7	STD500 460-941666/24	500.0	255.511524	50.0	458766.0	0.511023	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

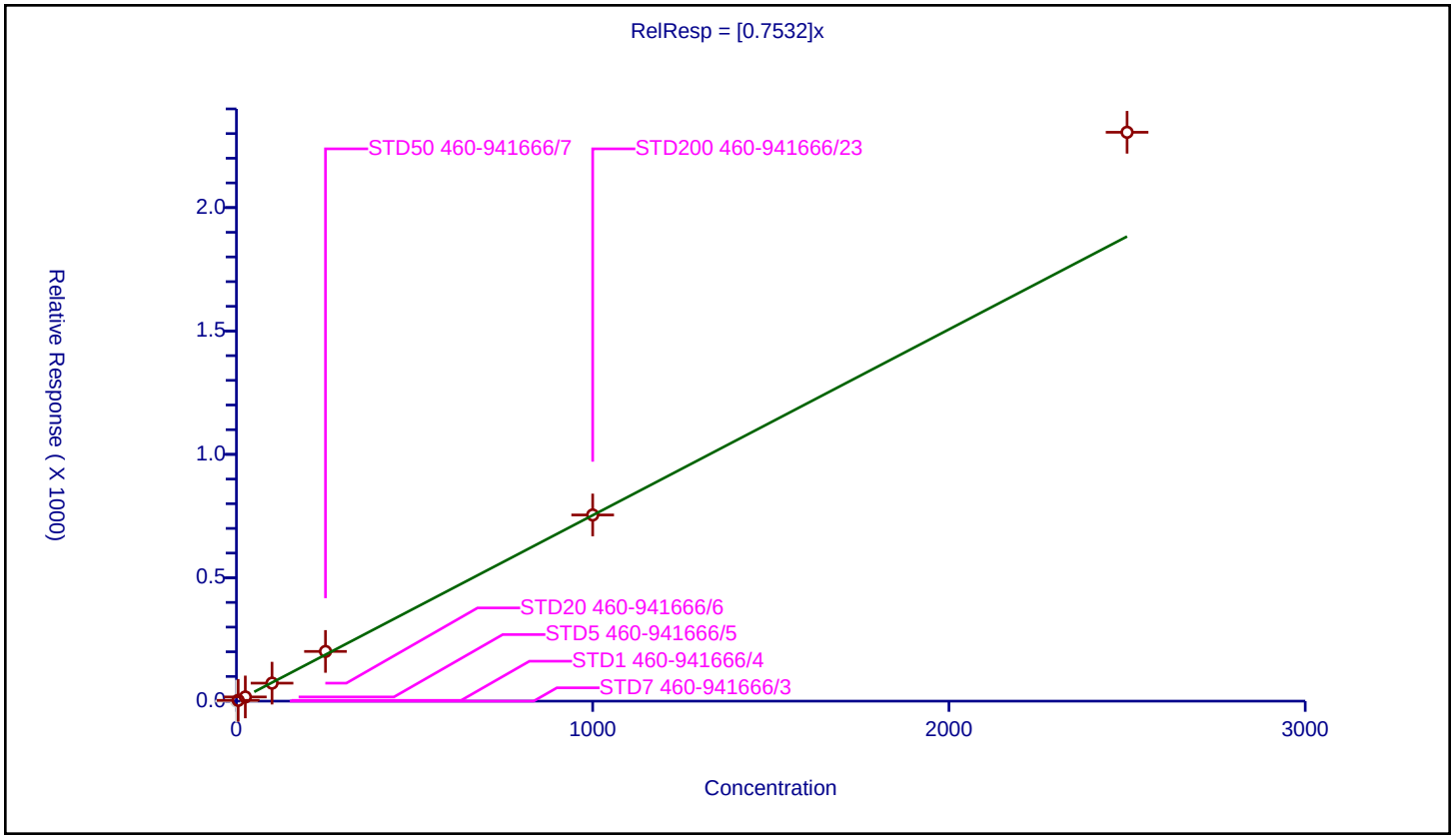
Curve Coefficients

Intercept:	0
Slope:	0.7532

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	13.7
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	250.0	274427.0	NaN	N
2	STD1 460-941666/4	5.0	3.137649	250.0	257677.0	0.62753	Y
3	STD5 460-941666/5	25.0	16.995943	250.0	258091.0	0.679838	Y
4	STD20 460-941666/6	100.0	72.938438	250.0	255013.0	0.729384	Y
5	STD50 460-941666/7	250.0	201.490294	250.0	252769.0	0.805961	Y
6	STD200 460-941666/23	1000.0	754.44119	250.0	271774.0	0.754441	Y
7	STD500 460-941666/24	2500.0	2305.210952	250.0	308648.0	0.922084	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

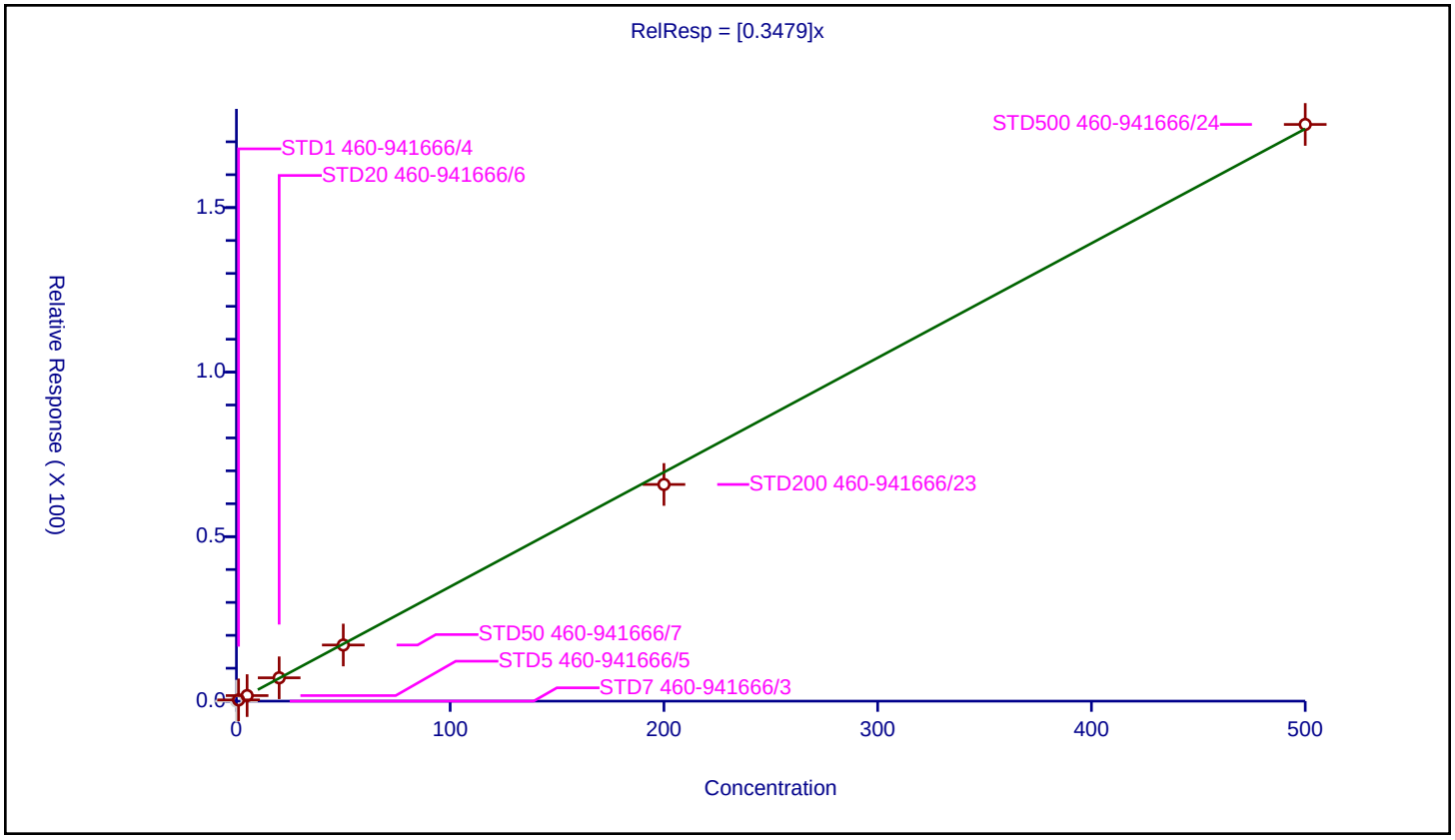
Curve Coefficients

Intercept:	0
Slope:	0.3479

Error Coefficients

Standard Error:	760000
Relative Standard Error:	4.6
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.374669	50.0	354713.0	0.374669	Y
3	STD5 460-941666/5	5.0	1.683952	50.0	363787.0	0.33679	Y
4	STD20 460-941666/6	20.0	7.093274	50.0	351791.0	0.354664	Y
5	STD50 460-941666/7	50.0	17.061252	50.0	346355.0	0.341225	Y
6	STD200 460-941666/23	200.0	65.853794	50.0	405209.0	0.329269	Y
7	STD500 460-941666/24	500.0	175.268655	50.0	458766.0	0.350537	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

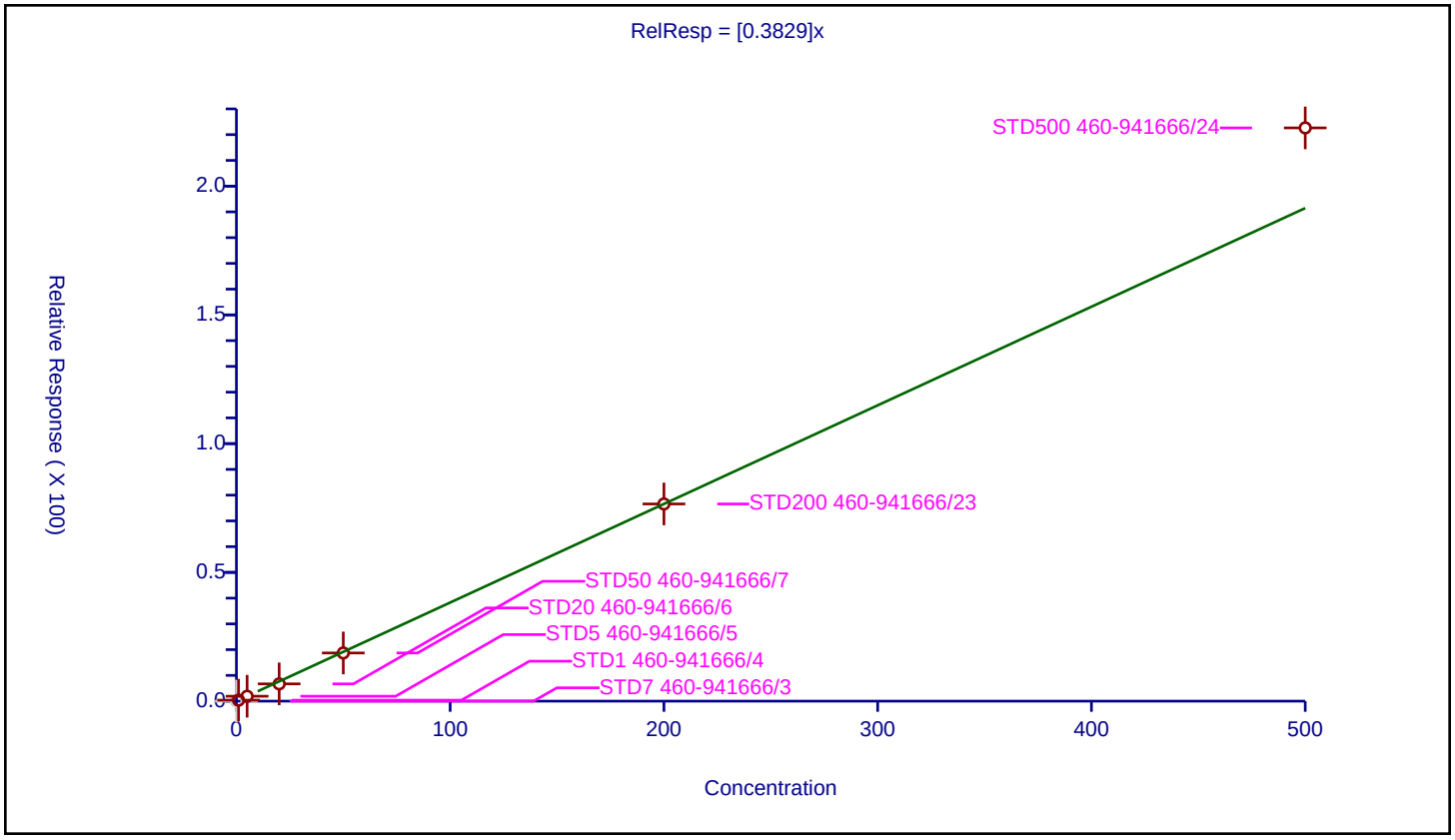
Curve Coefficients

Intercept:	0
Slope:	0.3829

Error Coefficients

Standard Error:	957000
Relative Standard Error:	9.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.378475	50.0	354713.0	0.378475	Y
3	STD5 460-941666/5	5.0	1.907023	50.0	363787.0	0.381405	Y
4	STD20 460-941666/6	20.0	6.707818	50.0	351791.0	0.335391	Y
5	STD50 460-941666/7	50.0	18.709705	50.0	346355.0	0.374194	Y
6	STD200 460-941666/23	200.0	76.575792	50.0	405209.0	0.382879	Y
7	STD500 460-941666/24	500.0	222.616868	50.0	458766.0	0.445234	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

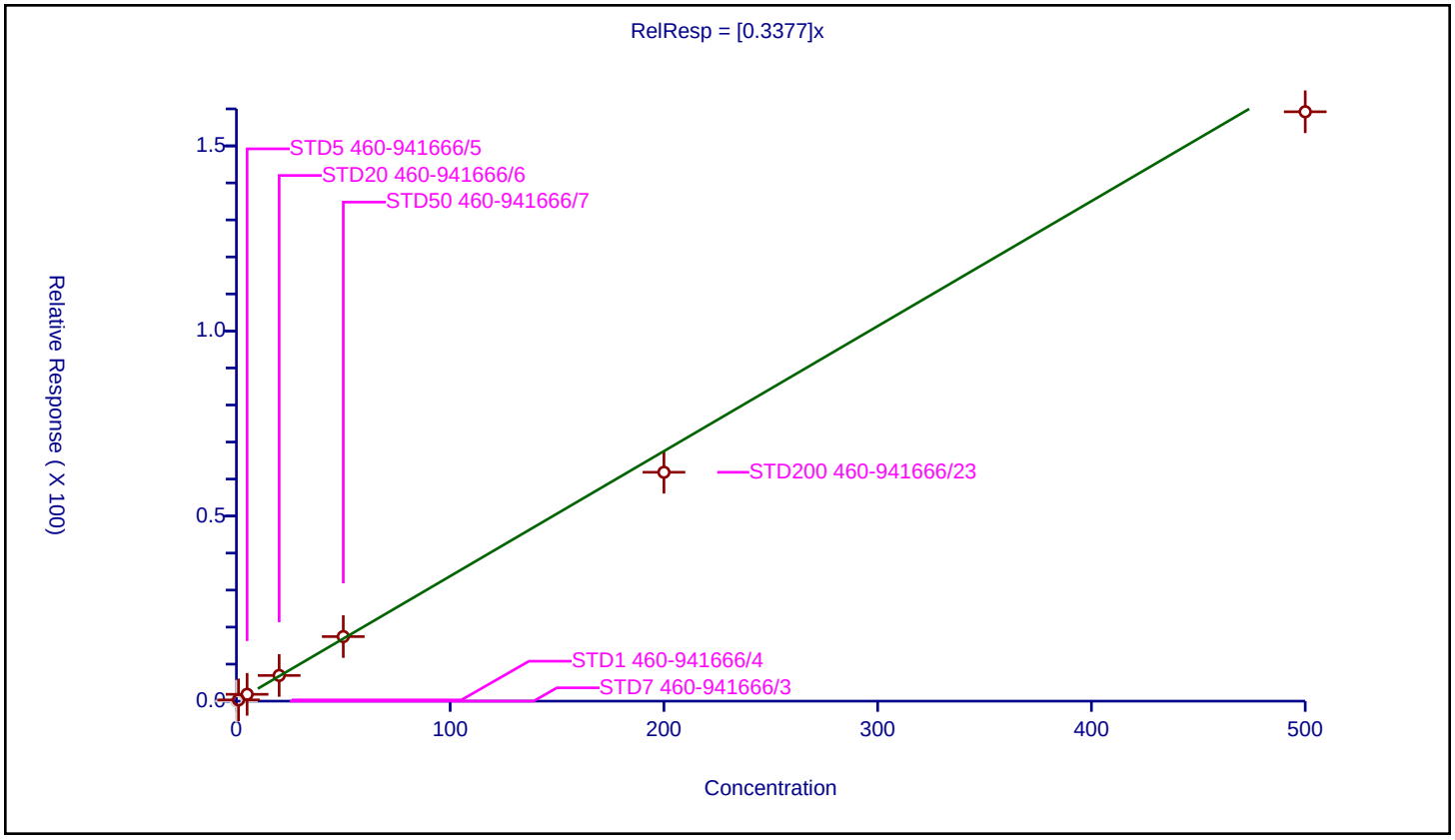
Curve Coefficients

Intercept:	0
Slope:	0.3377

Error Coefficients

Standard Error:	693000
Relative Standard Error:	6.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.333086	50.0	354713.0	0.333086	Y
3	STD5 460-941666/5	5.0	1.848884	50.0	363787.0	0.369777	Y
4	STD20 460-941666/6	20.0	6.940485	50.0	351791.0	0.347024	Y
5	STD50 460-941666/7	50.0	17.434713	50.0	346355.0	0.348694	Y
6	STD200 460-941666/23	200.0	61.831178	50.0	405209.0	0.309156	Y
7	STD500 460-941666/24	500.0	159.219733	50.0	458766.0	0.318439	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

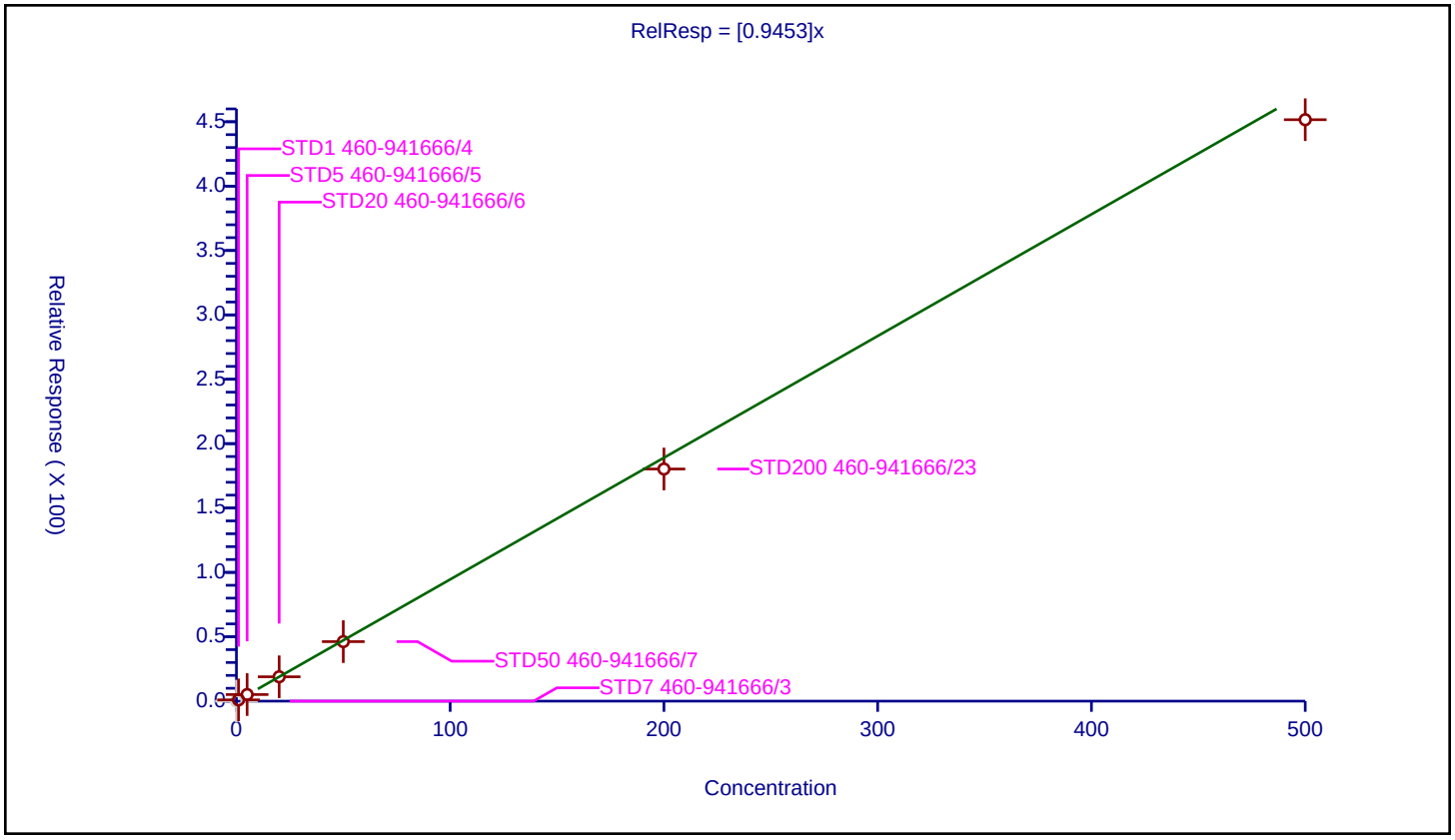
Curve Coefficients

Intercept:	0
Slope:	0.9453

Error Coefficients

Standard Error:	1970000
Relative Standard Error:	4.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.975014	50.0	354713.0	0.975014	Y
3	STD5 460-941666/5	5.0	5.110408	50.0	363787.0	1.022082	Y
4	STD20 460-941666/6	20.0	18.909523	50.0	351791.0	0.945476	Y
5	STD50 460-941666/7	50.0	46.229302	50.0	346355.0	0.924586	Y
6	STD200 460-941666/23	200.0	180.290788	50.0	405209.0	0.901454	Y
7	STD500 460-941666/24	500.0	451.605612	50.0	458766.0	0.903211	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

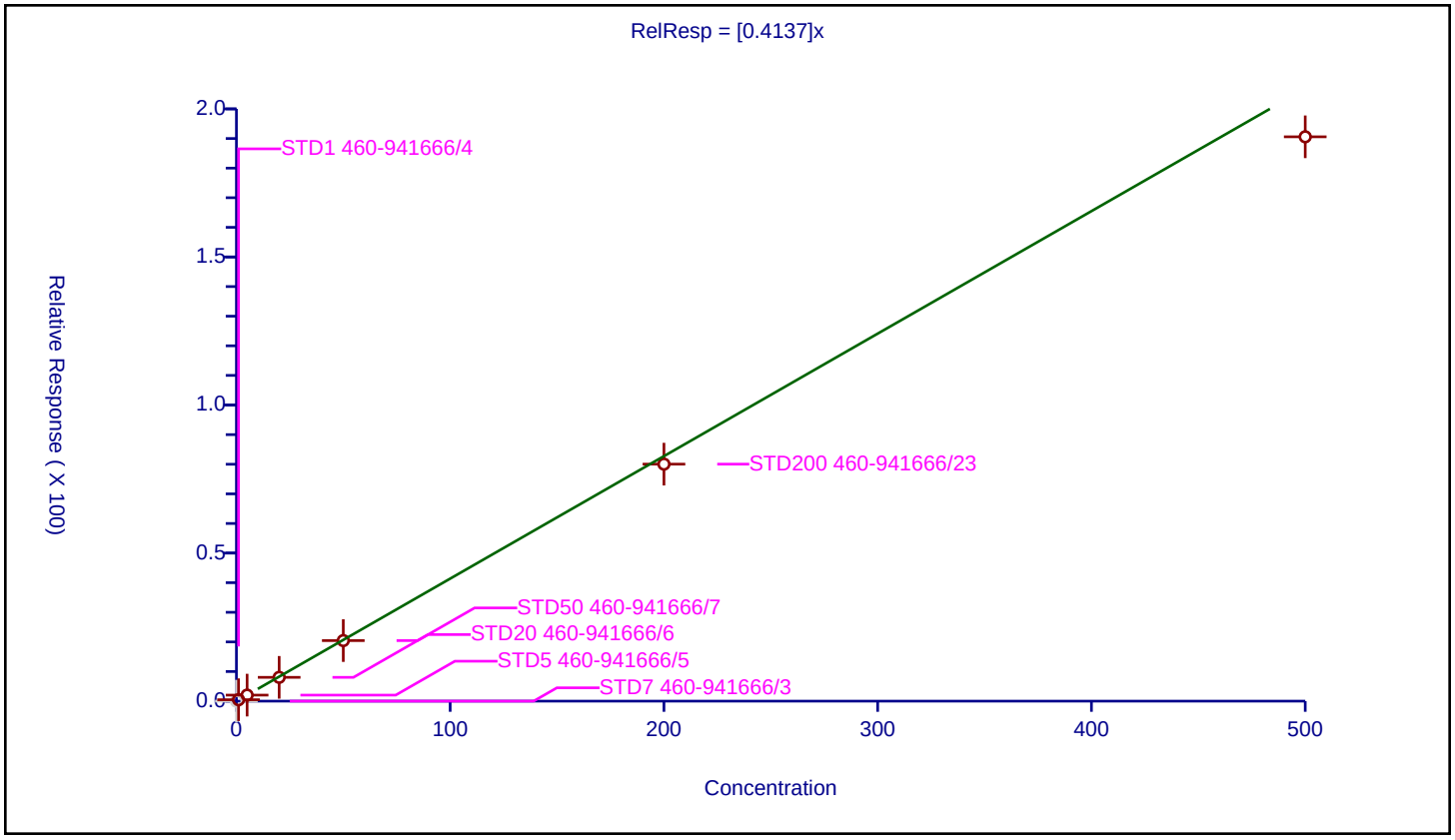
Curve Coefficients

Intercept:	0
Slope:	0.4137

Error Coefficients

Standard Error:	837000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.481939	50.0	354713.0	0.481939	Y
3	STD5 460-941666/5	5.0	2.040067	50.0	363787.0	0.408013	Y
4	STD20 460-941666/6	20.0	8.035737	50.0	351791.0	0.401787	Y
5	STD50 460-941666/7	50.0	20.448528	50.0	346355.0	0.408971	Y
6	STD200 460-941666/23	200.0	80.037586	50.0	405209.0	0.400188	Y
7	STD500 460-941666/24	500.0	190.573953	50.0	458766.0	0.381148	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

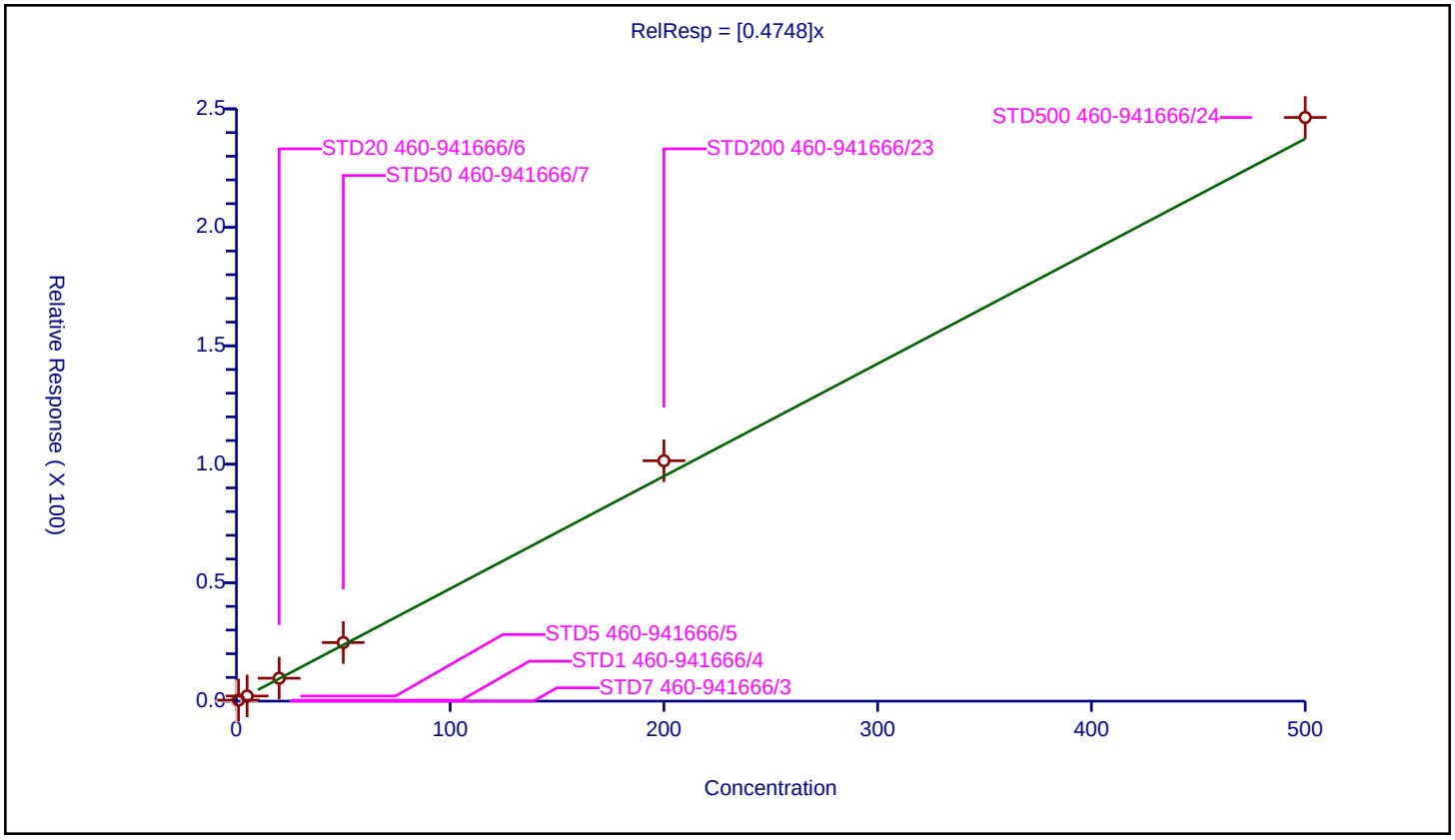
Curve Coefficients

Intercept:	0
Slope:	0.4748

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.434295	50.0	354713.0	0.434295	Y
3	STD5 460-941666/5	5.0	2.17861	50.0	363787.0	0.435722	Y
4	STD20 460-941666/6	20.0	9.678332	50.0	351791.0	0.483917	Y
5	STD50 460-941666/7	50.0	24.72622	50.0	346355.0	0.494524	Y
6	STD200 460-941666/23	200.0	101.472944	50.0	405209.0	0.507365	Y
7	STD500 460-941666/24	500.0	246.379418	50.0	458766.0	0.492759	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

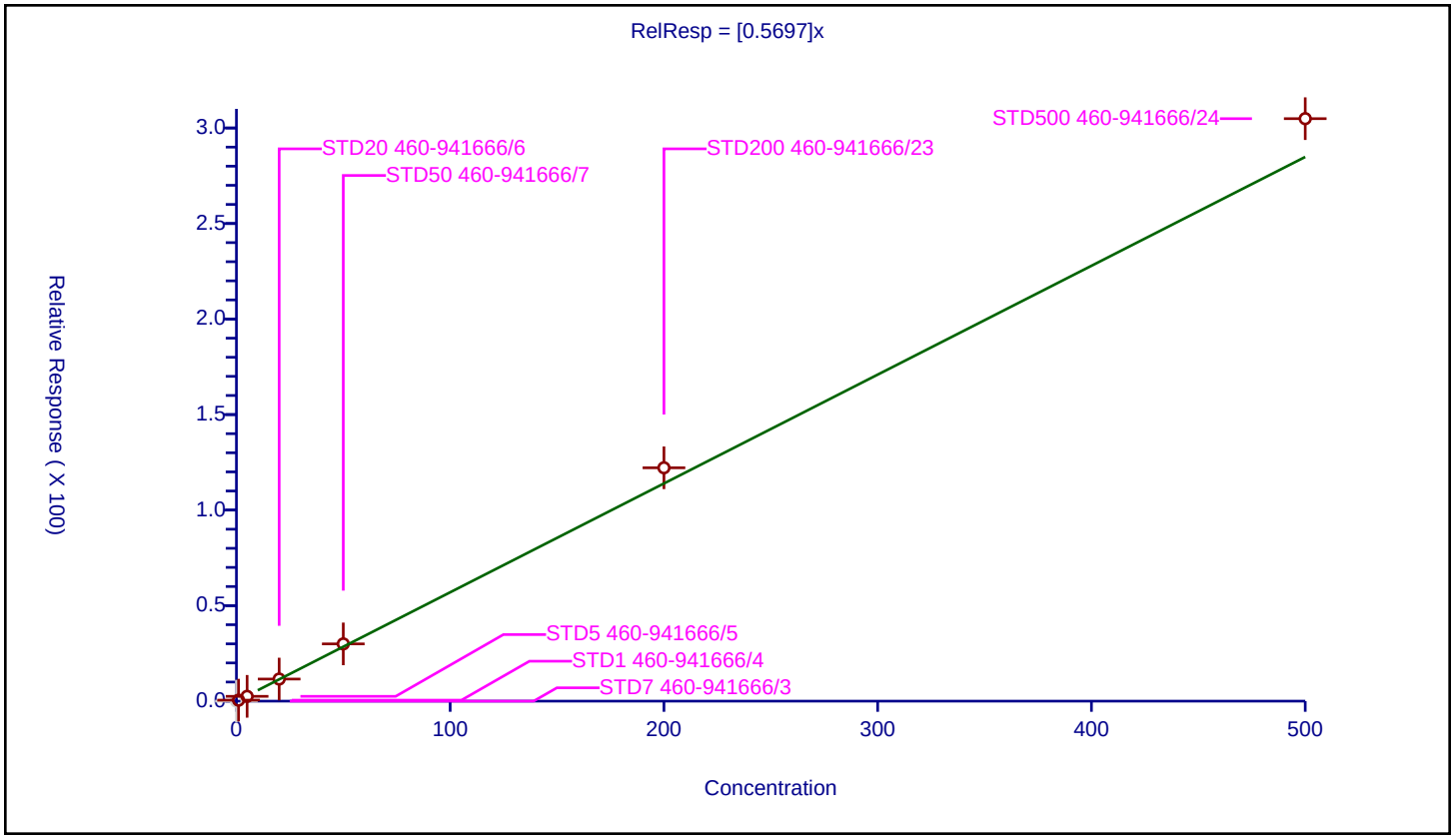
Curve Coefficients

Intercept:	0
Slope:	0.5697

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	8.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.515769	50.0	354713.0	0.515769	Y
3	STD5 460-941666/5	5.0	2.520568	50.0	363787.0	0.504114	Y
4	STD20 460-941666/6	20.0	11.568801	50.0	351791.0	0.57844	Y
5	STD50 460-941666/7	50.0	29.964632	50.0	346355.0	0.599293	Y
6	STD200 460-941666/23	200.0	122.150051	50.0	405209.0	0.61075	Y
7	STD500 460-941666/24	500.0	304.889203	50.0	458766.0	0.609778	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

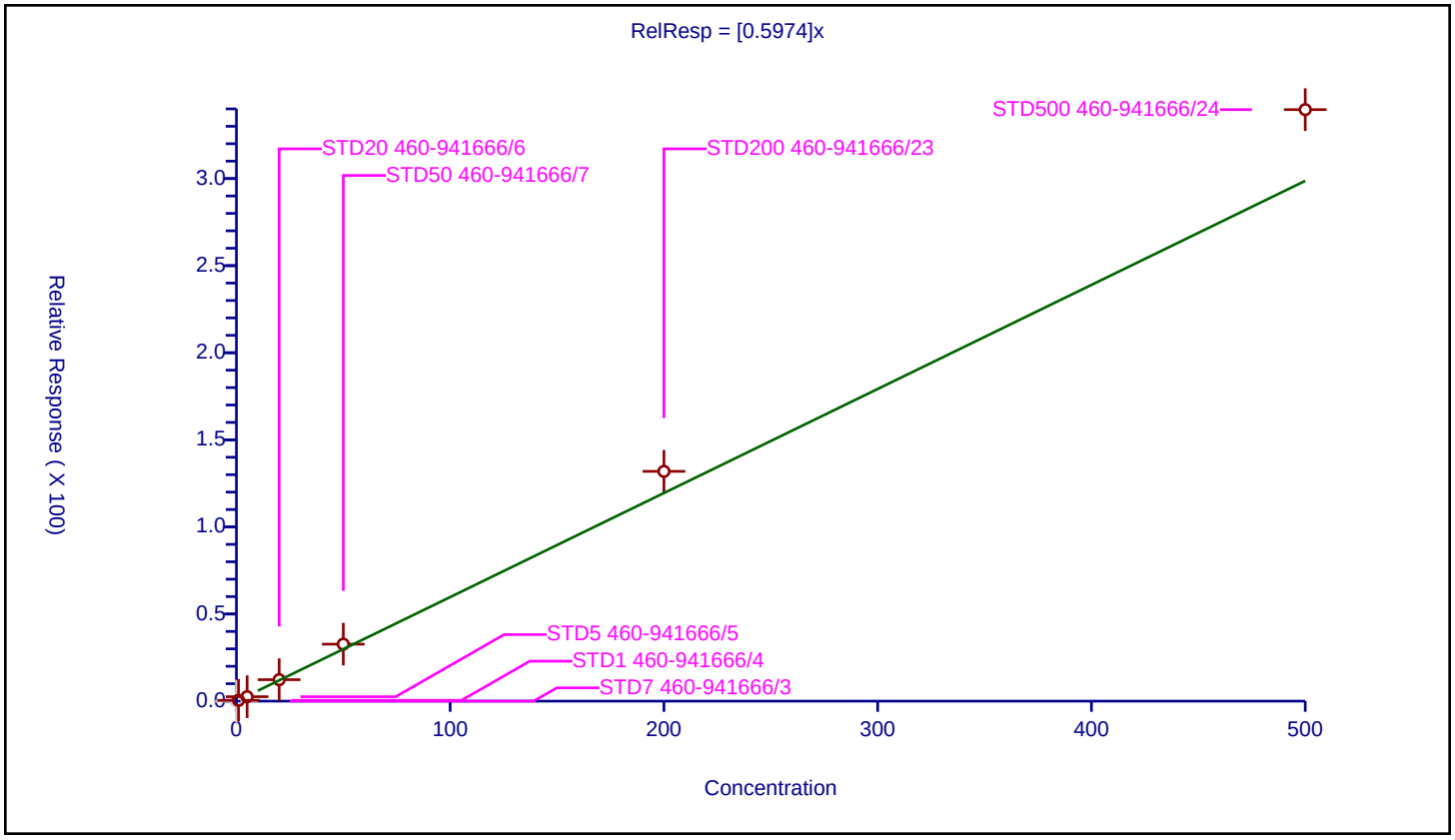
Curve Coefficients

Intercept:	0
Slope:	0.5974

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	14.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.46742	50.0	354713.0	0.46742	Y
3	STD5 460-941666/5	5.0	2.54036	50.0	363787.0	0.508072	Y
4	STD20 460-941666/6	20.0	12.316972	50.0	351791.0	0.615849	Y
5	STD50 460-941666/7	50.0	32.711236	50.0	346355.0	0.654225	Y
6	STD200 460-941666/23	200.0	131.912791	50.0	405209.0	0.659564	Y
7	STD500 460-941666/24	500.0	339.565487	50.0	458766.0	0.679131	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

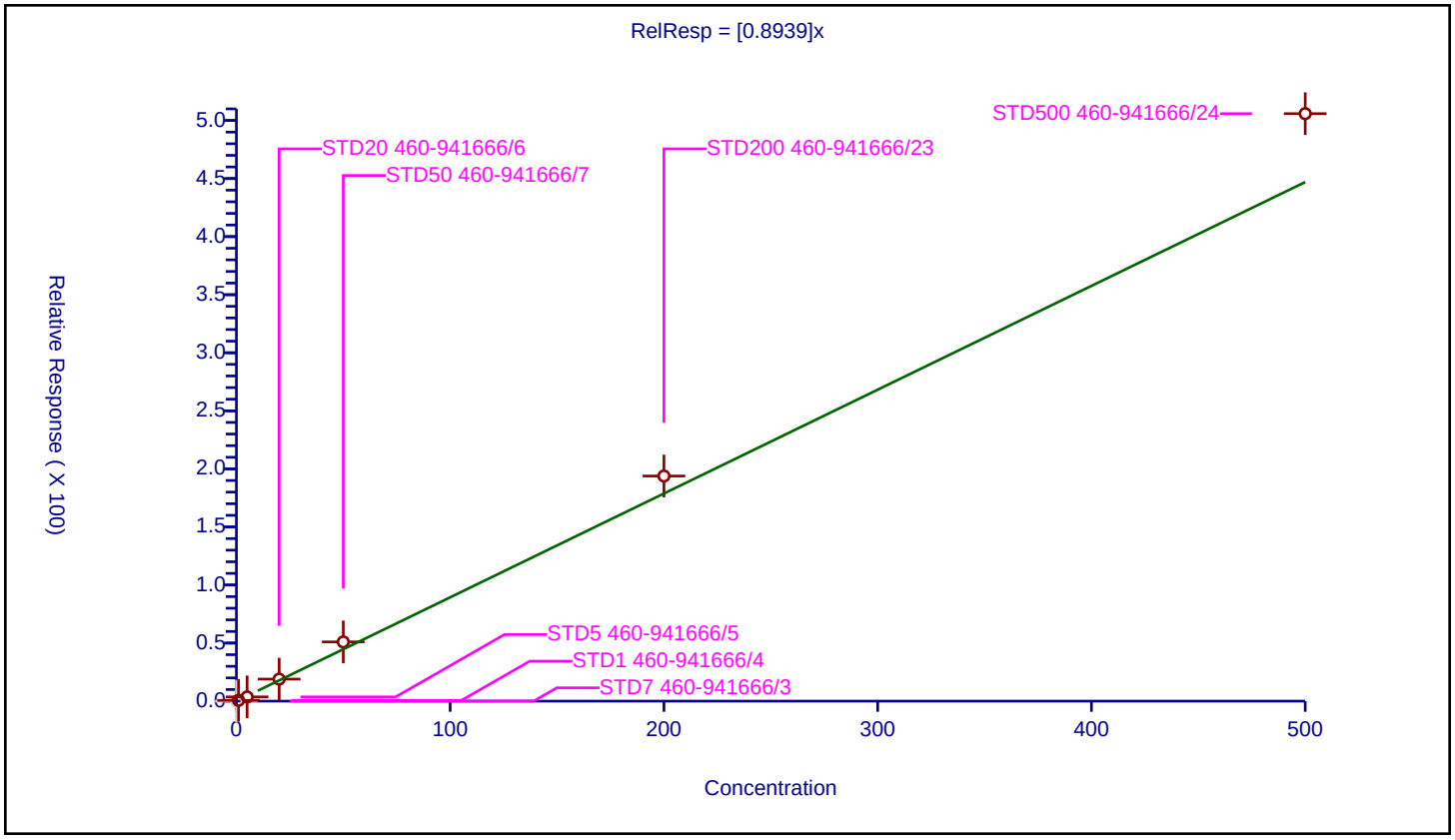
Curve Coefficients

Intercept:	0
Slope:	0.8939

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	16.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.683933	50.0	354713.0	0.683933	Y
3	STD5 460-941666/5	5.0	3.649526	50.0	363787.0	0.729905	Y
4	STD20 460-941666/6	20.0	18.967512	50.0	351791.0	0.948376	Y
5	STD50 460-941666/7	50.0	51.019907	50.0	346355.0	1.020398	Y
6	STD200 460-941666/23	200.0	193.853912	50.0	405209.0	0.96927	Y
7	STD500 460-941666/24	500.0	505.904208	50.0	458766.0	1.011808	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

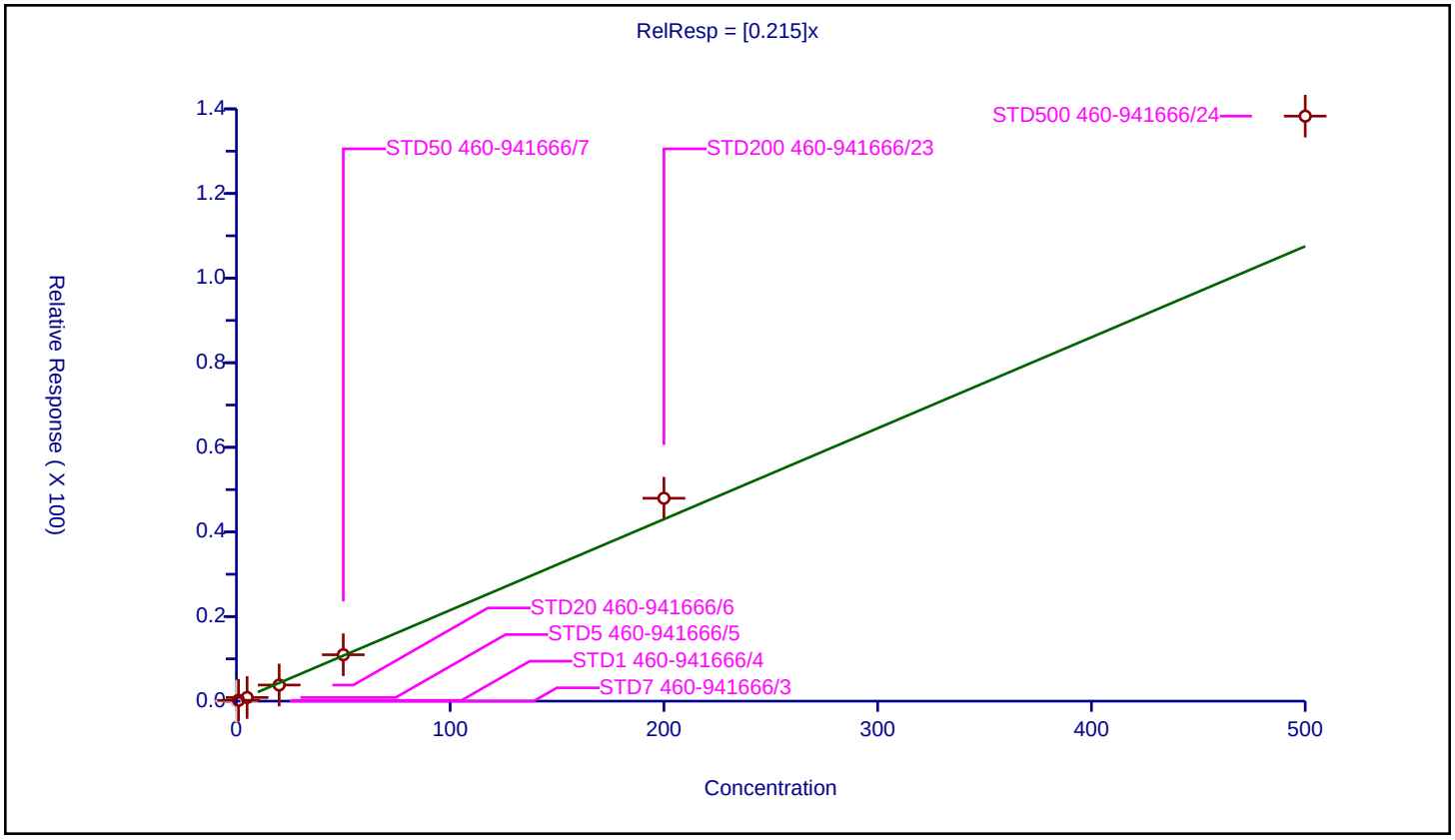
Curve Coefficients

Intercept:	0
Slope:	0.215

Error Coefficients

Standard Error:	595000
Relative Standard Error:	17.9
Correlation Coefficient:	0.992
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	0.19255	50.0	354713.0	0.19255	Y
3	STD5 460-941666/5	5.0	0.85737	50.0	363787.0	0.171474	Y
4	STD20 460-941666/6	20.0	3.810928	50.0	351791.0	0.190546	Y
5	STD50 460-941666/7	50.0	10.963751	50.0	346355.0	0.219275	Y
6	STD200 460-941666/23	200.0	47.959818	50.0	405209.0	0.239799	Y
7	STD500 460-941666/24	500.0	138.286621	50.0	458766.0	0.276573	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

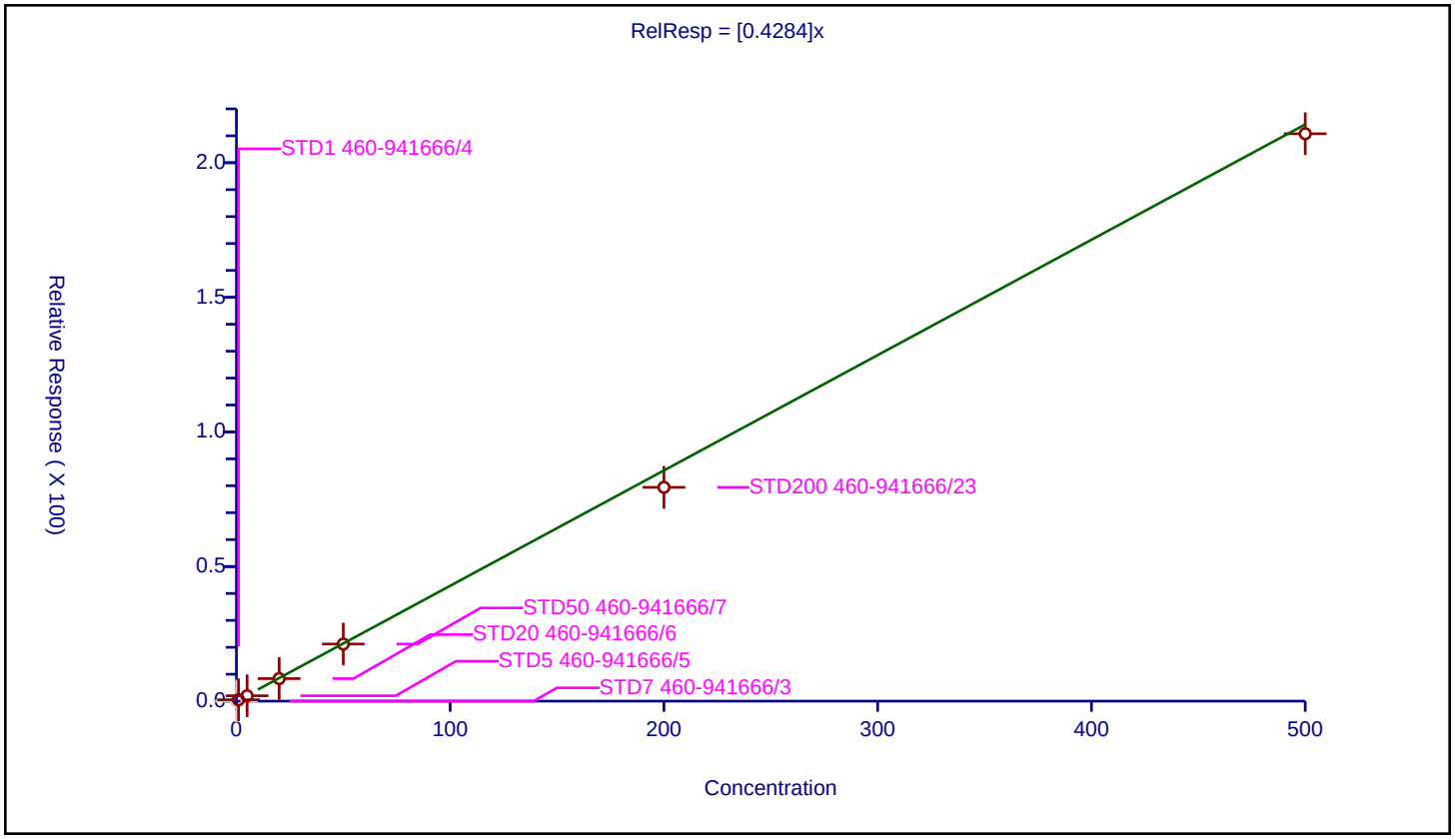
Curve Coefficients

Intercept:	0
Slope:	0.4284

Error Coefficients

Standard Error:	505000
Relative Standard Error:	9.5
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.50845	50.0	189399.0	0.50845	Y
3	STD5 460-941666/5	5.0	2.004746	50.0	202295.0	0.400949	Y
4	STD20 460-941666/6	20.0	8.371736	50.0	199206.0	0.418587	Y
5	STD50 460-941666/7	50.0	21.204687	50.0	194424.0	0.424094	Y
6	STD200 460-941666/23	200.0	79.41657	50.0	218518.0	0.397083	Y
7	STD500 460-941666/24	500.0	210.764452	50.0	254156.0	0.421529	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

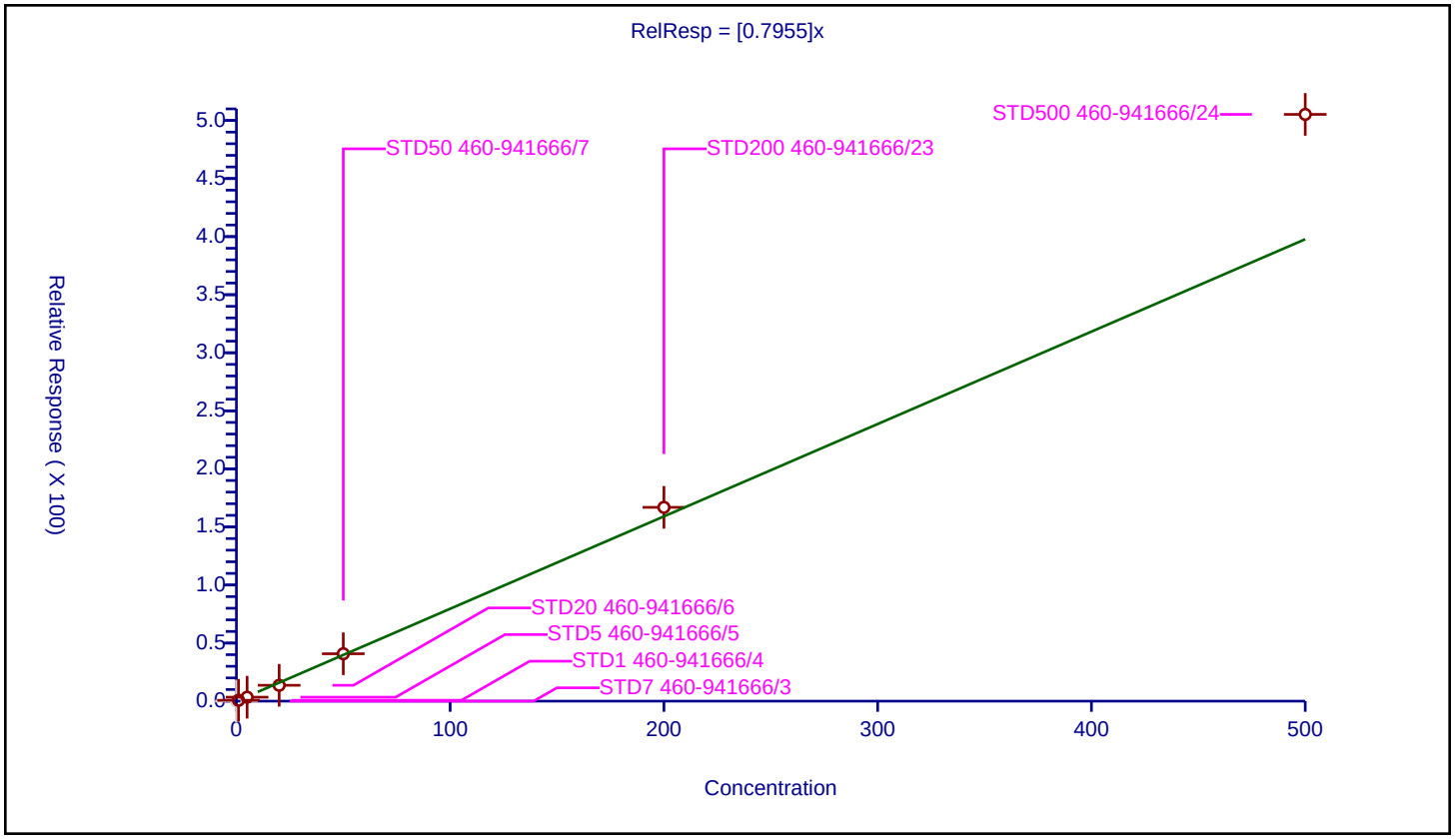
Curve Coefficients

Intercept:	0
Slope:	0.7955

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	15.5
Correlation Coefficient:	0.987
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.747892	50.0	189399.0	0.747892	Y
3	STD5 460-941666/5	5.0	3.40567	50.0	202295.0	0.681134	Y
4	STD20 460-941666/6	20.0	13.655211	50.0	199206.0	0.682761	Y
5	STD50 460-941666/7	50.0	40.805405	50.0	194424.0	0.816108	Y
6	STD200 460-941666/23	200.0	166.886023	50.0	218518.0	0.83443	Y
7	STD500 460-941666/24	500.0	505.247761	50.0	254156.0	1.010496	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

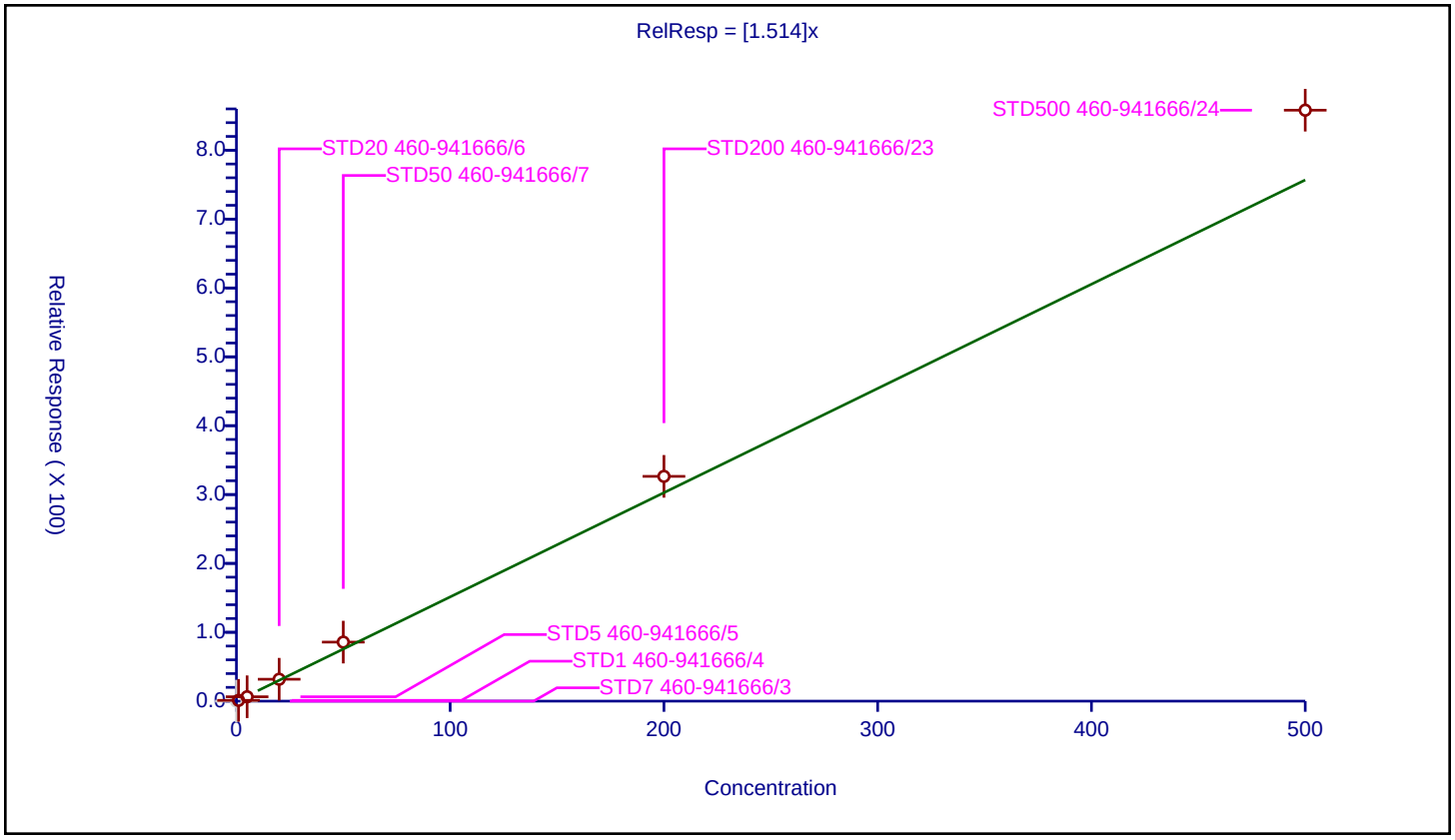
Curve Coefficients

Intercept:	0
Slope:	1.514

Error Coefficients

Standard Error:	3730000
Relative Standard Error:	15.8
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	361817.0	NaN	N
2	STD1 460-941666/4	1.0	1.1553	50.0	354713.0	1.1553	Y
3	STD5 460-941666/5	5.0	6.365813	50.0	363787.0	1.273163	Y
4	STD20 460-941666/6	20.0	31.801553	50.0	351791.0	1.590078	Y
5	STD50 460-941666/7	50.0	85.722597	50.0	346355.0	1.714452	Y
6	STD200 460-941666/23	200.0	326.389468	50.0	405209.0	1.631947	Y
7	STD500 460-941666/24	500.0	858.110453	50.0	458766.0	1.716221	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

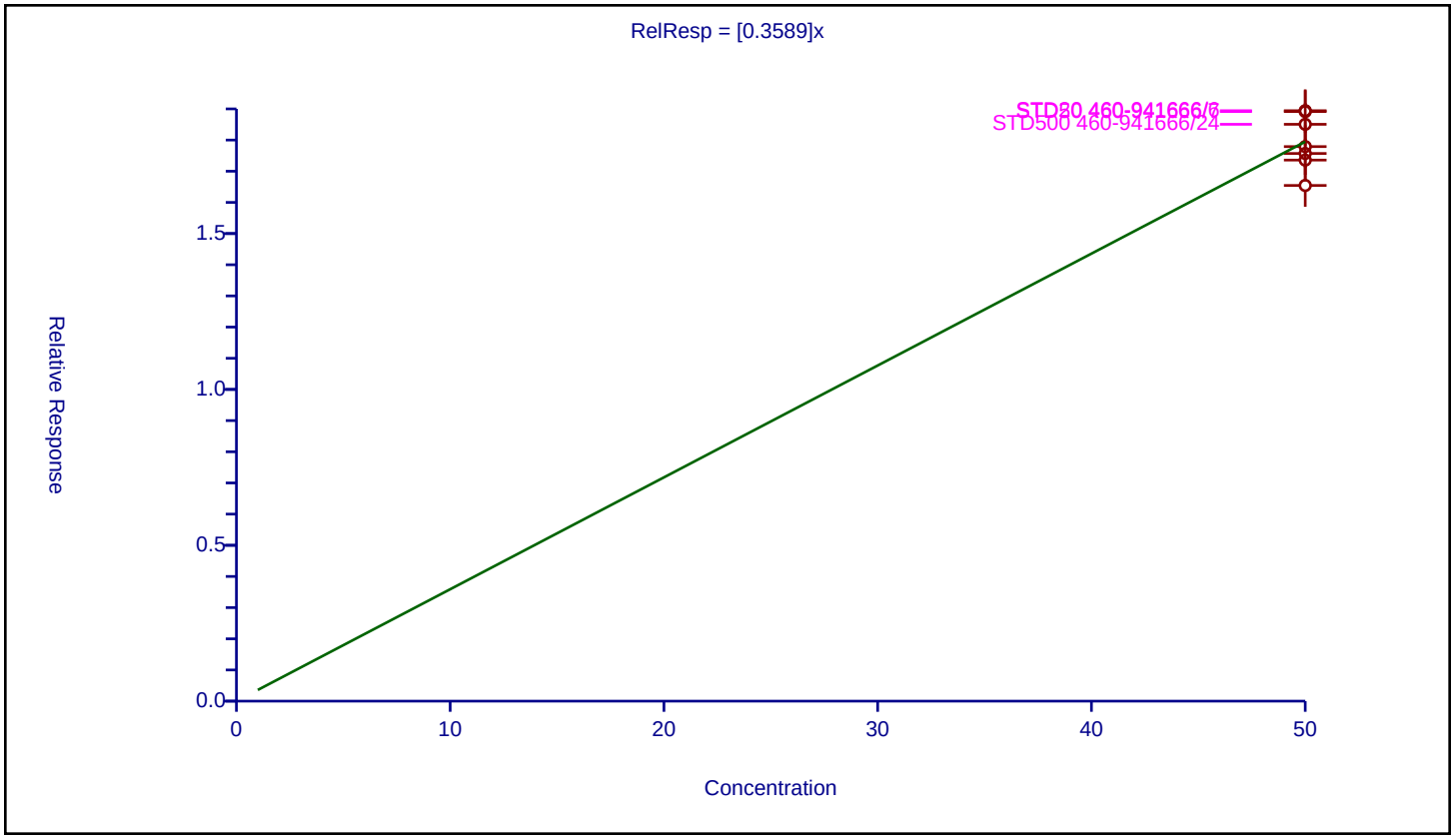
Curve Coefficients

Intercept:	0
Slope:	0.3589

Error Coefficients

Standard Error:	147000
Relative Standard Error:	4.9
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	50.0	16.543446	50.0	361817.0	0.330869	Y
2	STD1 460-941666/4	50.0	17.357695	50.0	354713.0	0.347154	Y
3	STD5 460-941666/5	50.0	17.570034	50.0	363787.0	0.351401	Y
4	STD20 460-941666/6	50.0	18.941786	50.0	351791.0	0.378836	Y
5	STD50 460-941666/7	50.0	18.913976	50.0	346355.0	0.37828	Y
6	STD200 460-941666/23	50.0	17.790449	50.0	405209.0	0.355809	Y
7	STD500 460-941666/24	50.0	18.505404	50.0	458766.0	0.370108	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

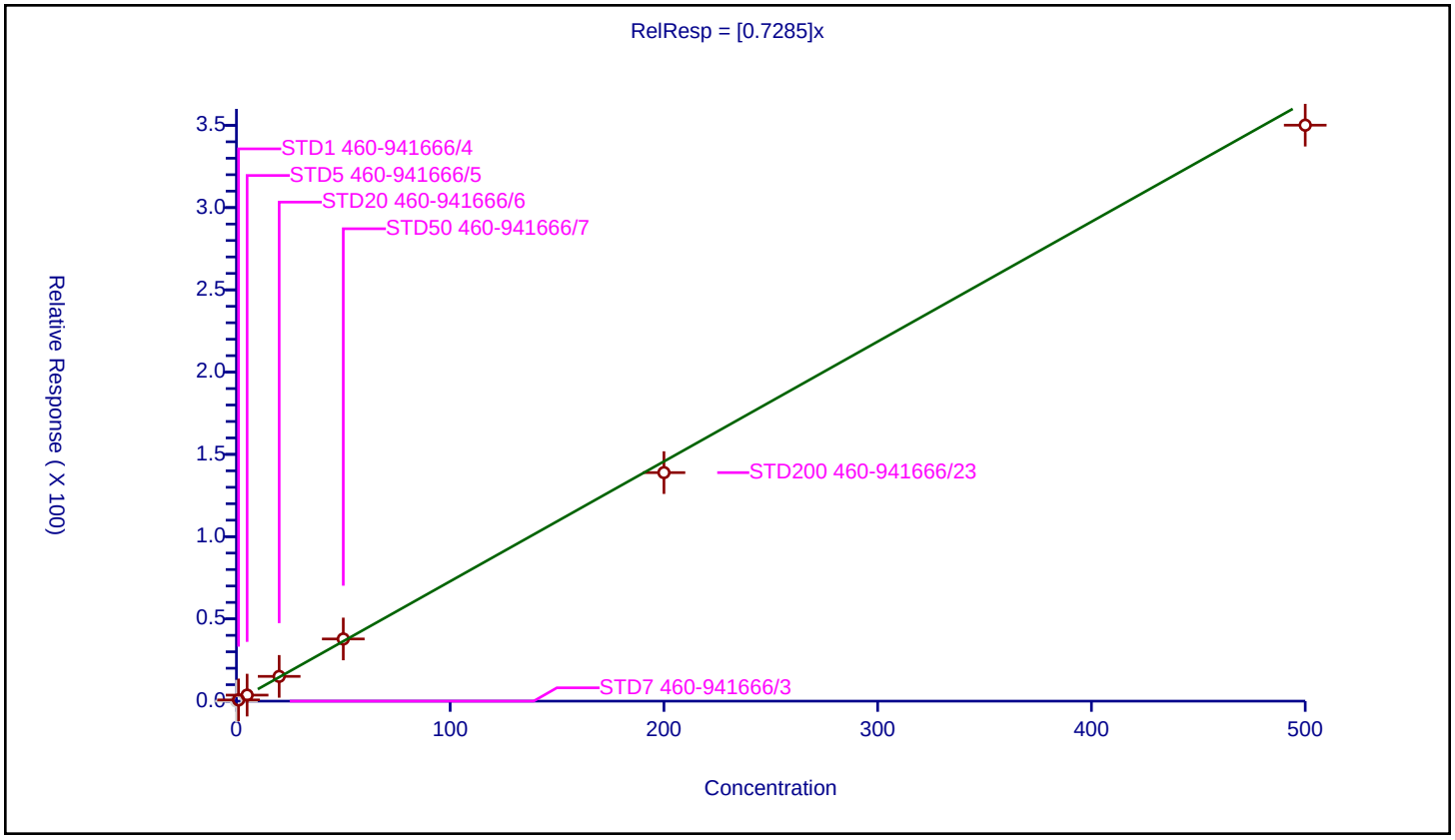
Curve Coefficients

Intercept:	0
Slope:	0.7285

Error Coefficients

Standard Error:	844000
Relative Standard Error:	3.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.734164	50.0	189399.0	0.734164	Y
3	STD5 460-941666/5	5.0	3.668405	50.0	202295.0	0.733681	Y
4	STD20 460-941666/6	20.0	15.052257	50.0	199206.0	0.752613	Y
5	STD50 460-941666/7	50.0	37.787259	50.0	194424.0	0.755745	Y
6	STD200 460-941666/23	200.0	138.920135	50.0	218518.0	0.694601	Y
7	STD500 460-941666/24	500.0	350.108595	50.0	254156.0	0.700217	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

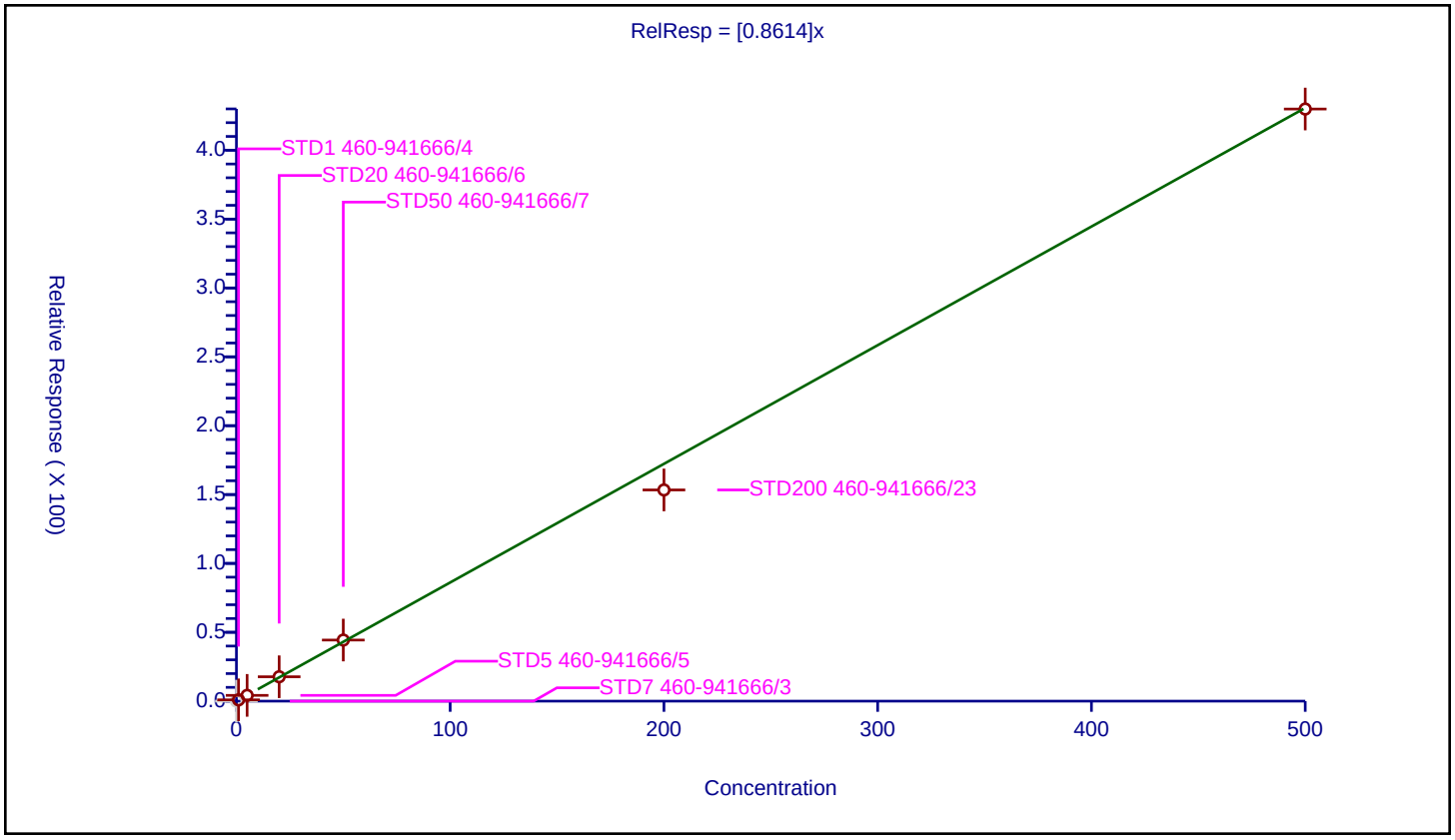
Curve Coefficients

Intercept:	0
Slope:	0.8614

Error Coefficients

Standard Error:	1030000
Relative Standard Error:	6.5
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.931103	50.0	189399.0	0.931103	Y
3	STD5 460-941666/5	5.0	4.19437	50.0	202295.0	0.838874	Y
4	STD20 460-941666/6	20.0	17.703282	50.0	199206.0	0.885164	Y
5	STD50 460-941666/7	50.0	44.342005	50.0	194424.0	0.88684	Y
6	STD200 460-941666/23	200.0	153.33222	50.0	218518.0	0.766661	Y
7	STD500 460-941666/24	500.0	429.906632	50.0	254156.0	0.859813	Y



Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

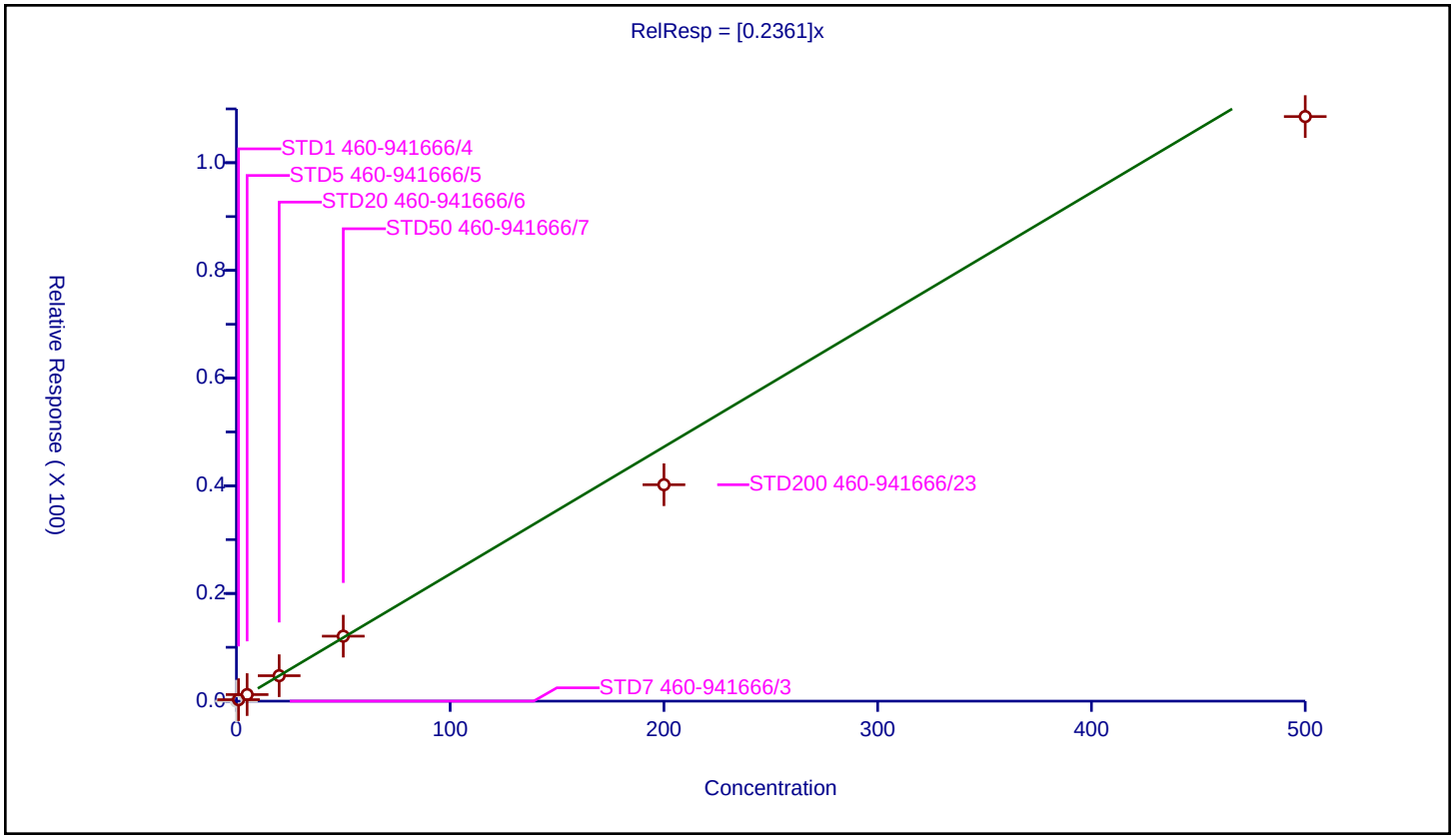
Curve Coefficients

Intercept:	0
Slope:	0.2361

Error Coefficients

Standard Error:	260000
Relative Standard Error:	10.9
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.276665	50.0	189399.0	0.276665	Y
3	STD5 460-941666/5	5.0	1.221236	50.0	202295.0	0.244247	Y
4	STD20 460-941666/6	20.0	4.728522	50.0	199206.0	0.236426	Y
5	STD50 460-941666/7	50.0	12.069498	50.0	194424.0	0.24139	Y
6	STD200 460-941666/23	200.0	40.193943	50.0	218518.0	0.20097	Y
7	STD500 460-941666/24	500.0	108.574458	50.0	254156.0	0.217149	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

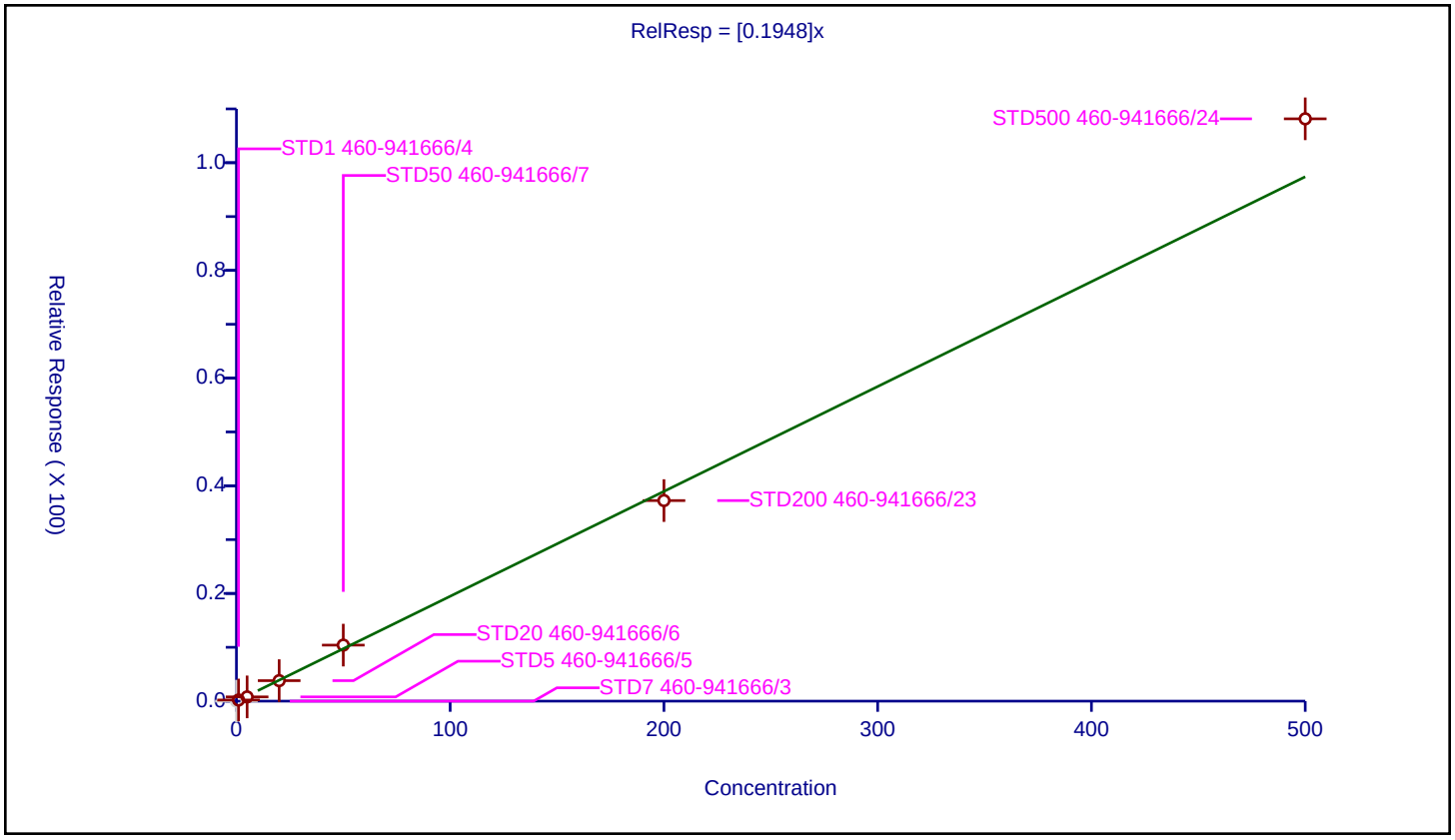
Curve Coefficients

Intercept:	0
Slope:	0.1948

Error Coefficients

Standard Error:	257000
Relative Standard Error:	11.0
Correlation Coefficient:	0.990
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.20961	50.0	189399.0	0.20961	Y
3	STD5 460-941666/5	5.0	0.790924	50.0	202295.0	0.158185	Y
4	STD20 460-941666/6	20.0	3.804855	50.0	199206.0	0.190243	Y
5	STD50 460-941666/7	50.0	10.405866	50.0	194424.0	0.208117	Y
6	STD200 460-941666/23	200.0	37.253224	50.0	218518.0	0.186266	Y
7	STD500 460-941666/24	500.0	108.15267	50.0	254156.0	0.216305	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

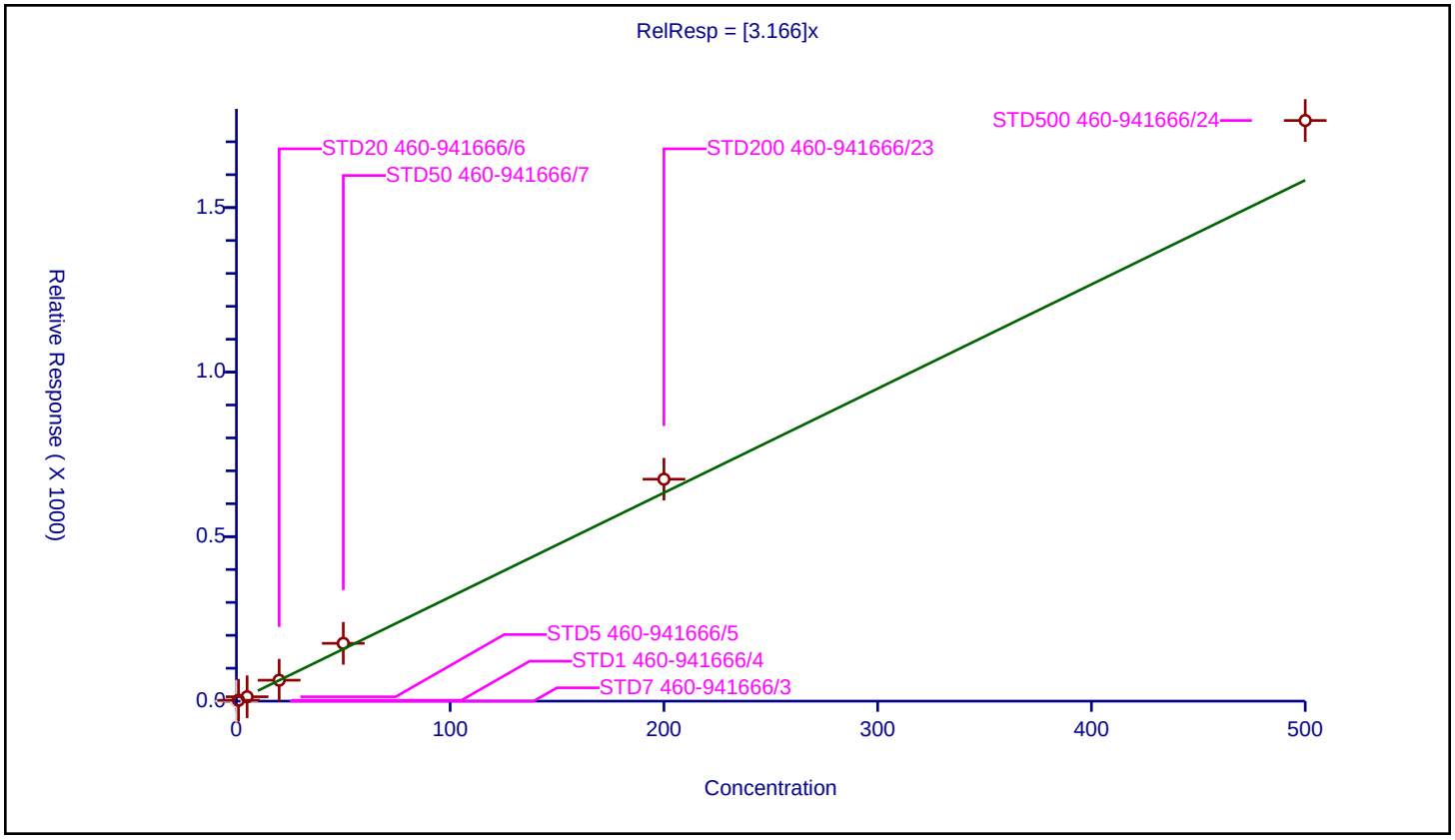
Curve Coefficients

Intercept:	0
Slope:	3.166

Error Coefficients

Standard Error:	4230000
Relative Standard Error:	12.1
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	2.729687	50.0	189399.0	2.729687	Y
3	STD5 460-941666/5	5.0	13.355496	50.0	202295.0	2.671099	Y
4	STD20 460-941666/6	20.0	63.651195	50.0	199206.0	3.18256	Y
5	STD50 460-941666/7	50.0	175.669928	50.0	194424.0	3.513399	Y
6	STD200 460-941666/23	200.0	674.470982	50.0	218518.0	3.372355	Y
7	STD500 460-941666/24	500.0	1764.674255	50.0	254156.0	3.529349	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

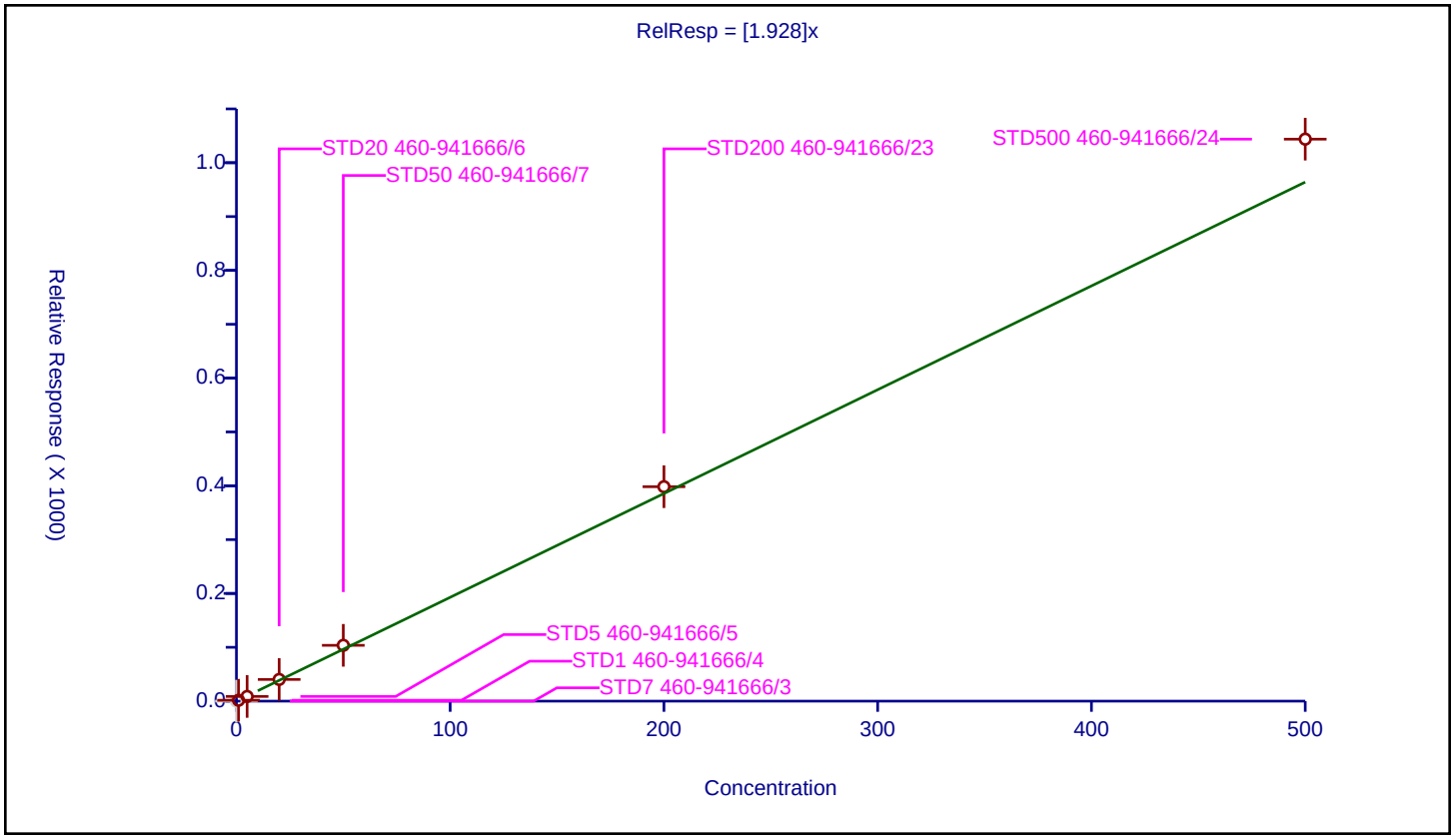
Curve Coefficients

Intercept:	0
Slope:	1.928

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	9.4
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.658668	50.0	189399.0	1.658668	Y
3	STD5 460-941666/5	5.0	8.717467	50.0	202295.0	1.743493	Y
4	STD20 460-941666/6	20.0	40.268867	50.0	199206.0	2.013443	Y
5	STD50 460-941666/7	50.0	103.666728	50.0	194424.0	2.073335	Y
6	STD200 460-941666/23	200.0	398.285954	50.0	218518.0	1.99143	Y
7	STD500 460-941666/24	500.0	1043.794953	50.0	254156.0	2.08759	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

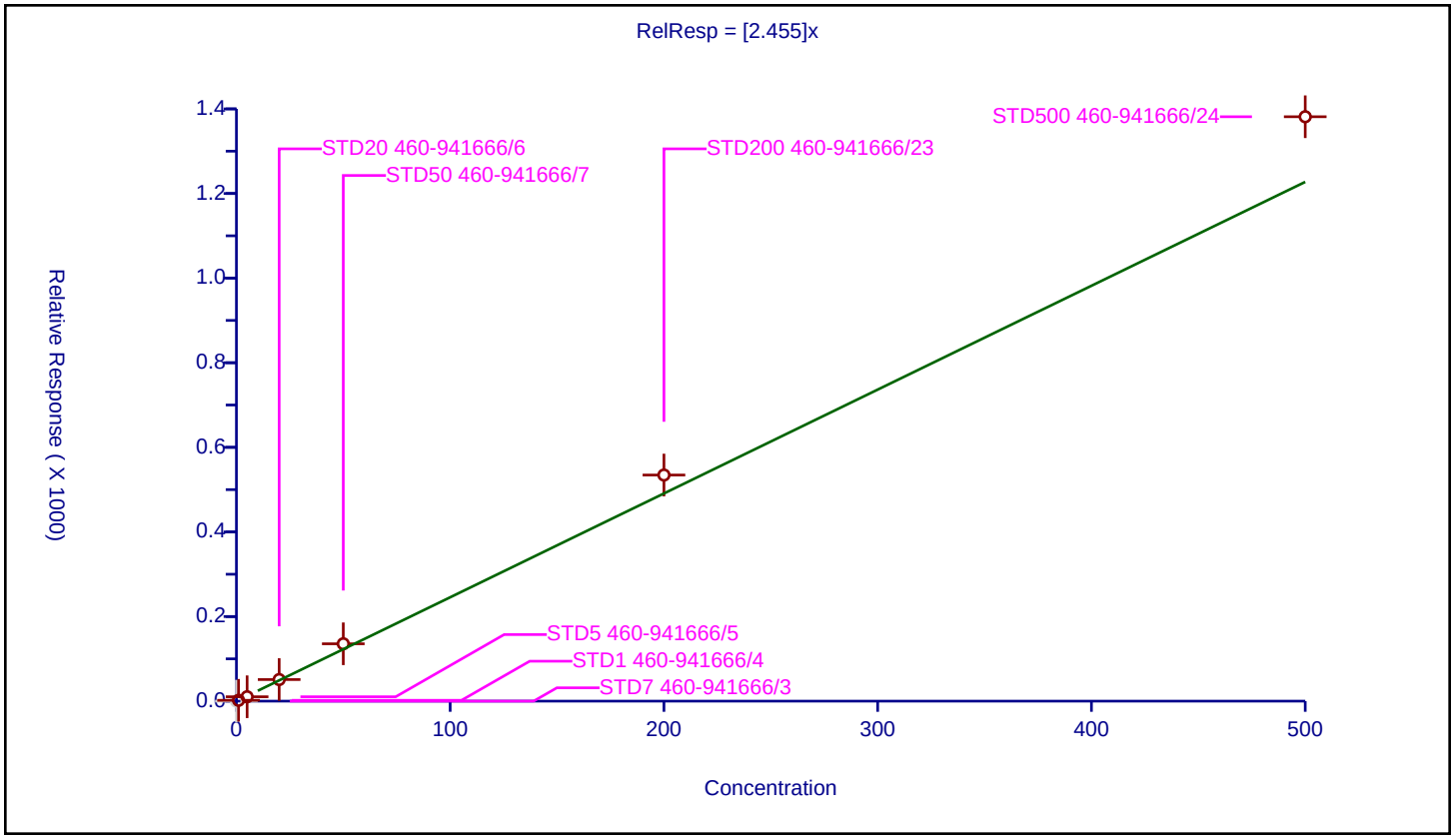
Curve Coefficients

Intercept:	0
Slope:	2.455

Error Coefficients

Standard Error:	3320000
Relative Standard Error:	14.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.957508	50.0	189399.0	1.957508	Y
3	STD5 460-941666/5	5.0	10.365061	50.0	202295.0	2.073012	Y
4	STD20 460-941666/6	20.0	51.027077	50.0	199206.0	2.551354	Y
5	STD50 460-941666/7	50.0	135.555281	50.0	194424.0	2.711106	Y
6	STD200 460-941666/23	200.0	534.513862	50.0	218518.0	2.672569	Y
7	STD500 460-941666/24	500.0	1381.4545	50.0	254156.0	2.762909	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

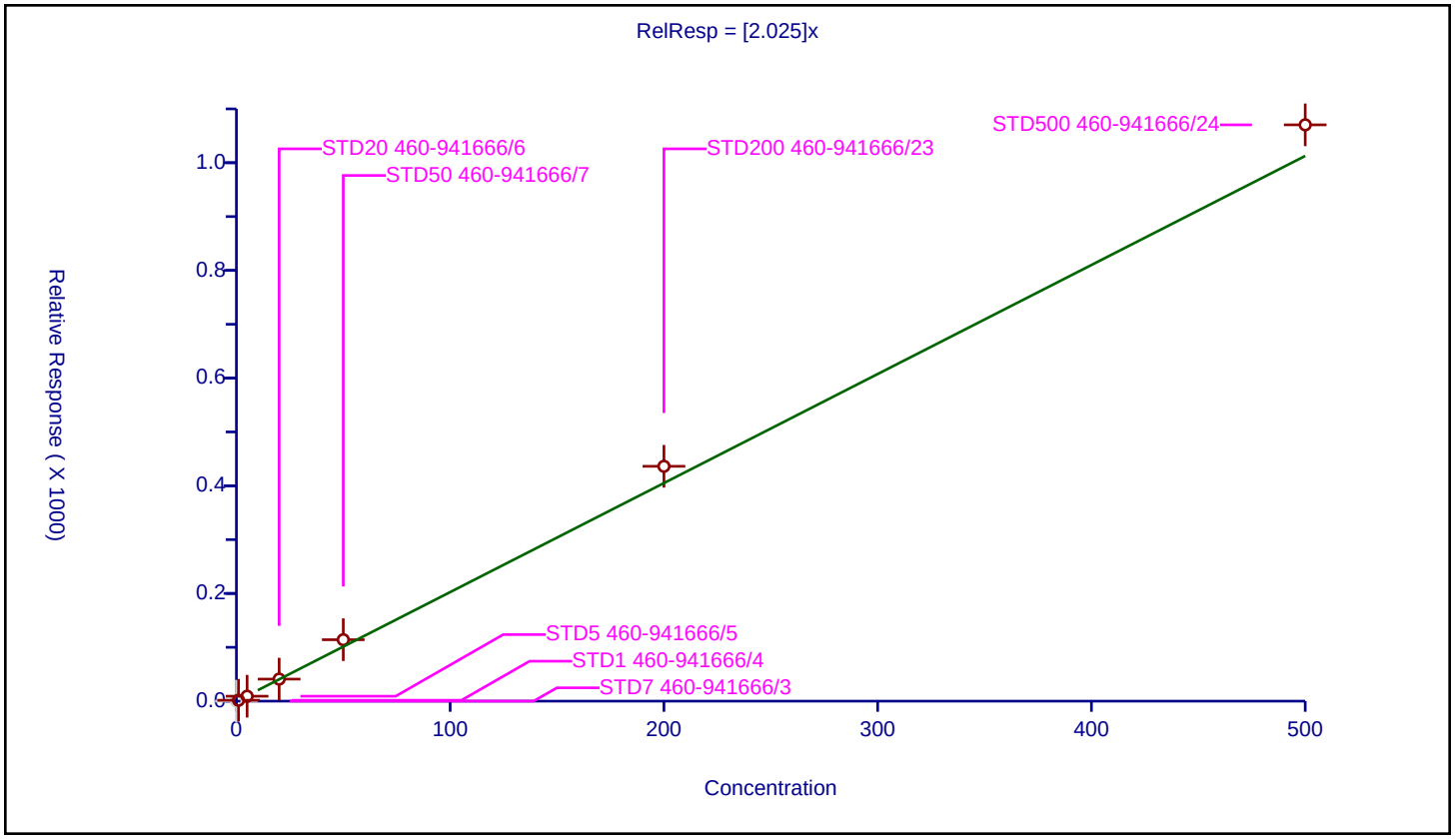
Curve Coefficients

Intercept:	0
Slope:	2.025

Error Coefficients

Standard Error:	2590000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.668699	50.0	189399.0	1.668699	Y
3	STD5 460-941666/5	5.0	9.165328	50.0	202295.0	1.833066	Y
4	STD20 460-941666/6	20.0	40.921207	50.0	199206.0	2.04606	Y
5	STD50 460-941666/7	50.0	114.080052	50.0	194424.0	2.281601	Y
6	STD200 460-941666/23	200.0	436.20823	50.0	218518.0	2.181041	Y
7	STD500 460-941666/24	500.0	1070.364658	50.0	254156.0	2.140729	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

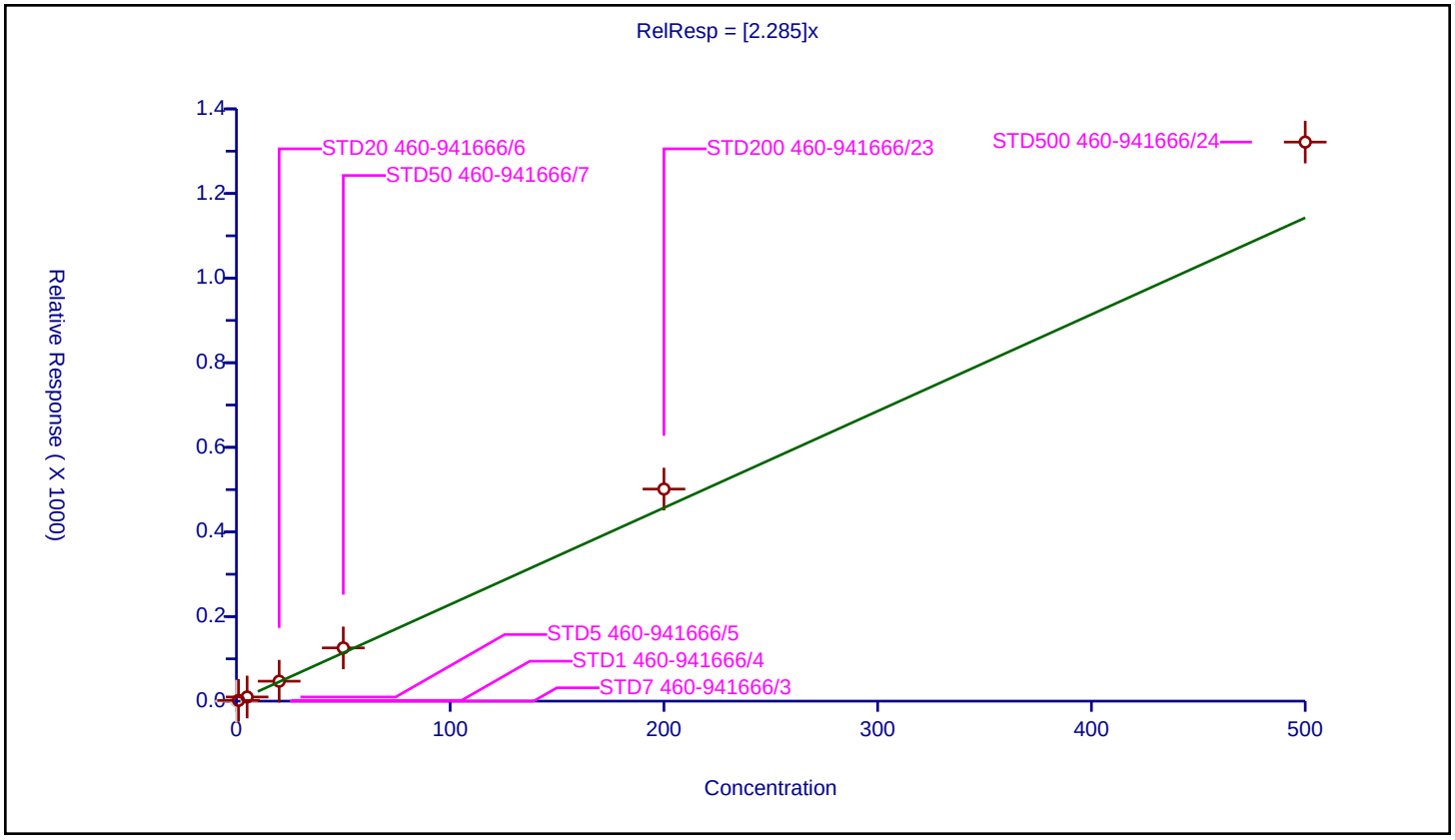
Curve Coefficients

Intercept:	0
Slope:	2.285

Error Coefficients

Standard Error:	3170000
Relative Standard Error:	15.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.733114	50.0	189399.0	1.733114	Y
3	STD5 460-941666/5	5.0	9.777553	50.0	202295.0	1.955511	Y
4	STD20 460-941666/6	20.0	47.12835	50.0	199206.0	2.356417	Y
5	STD50 460-941666/7	50.0	125.837088	50.0	194424.0	2.516742	Y
6	STD200 460-941666/23	200.0	501.326207	50.0	218518.0	2.506631	Y
7	STD500 460-941666/24	500.0	1321.524379	50.0	254156.0	2.643049	Y



Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

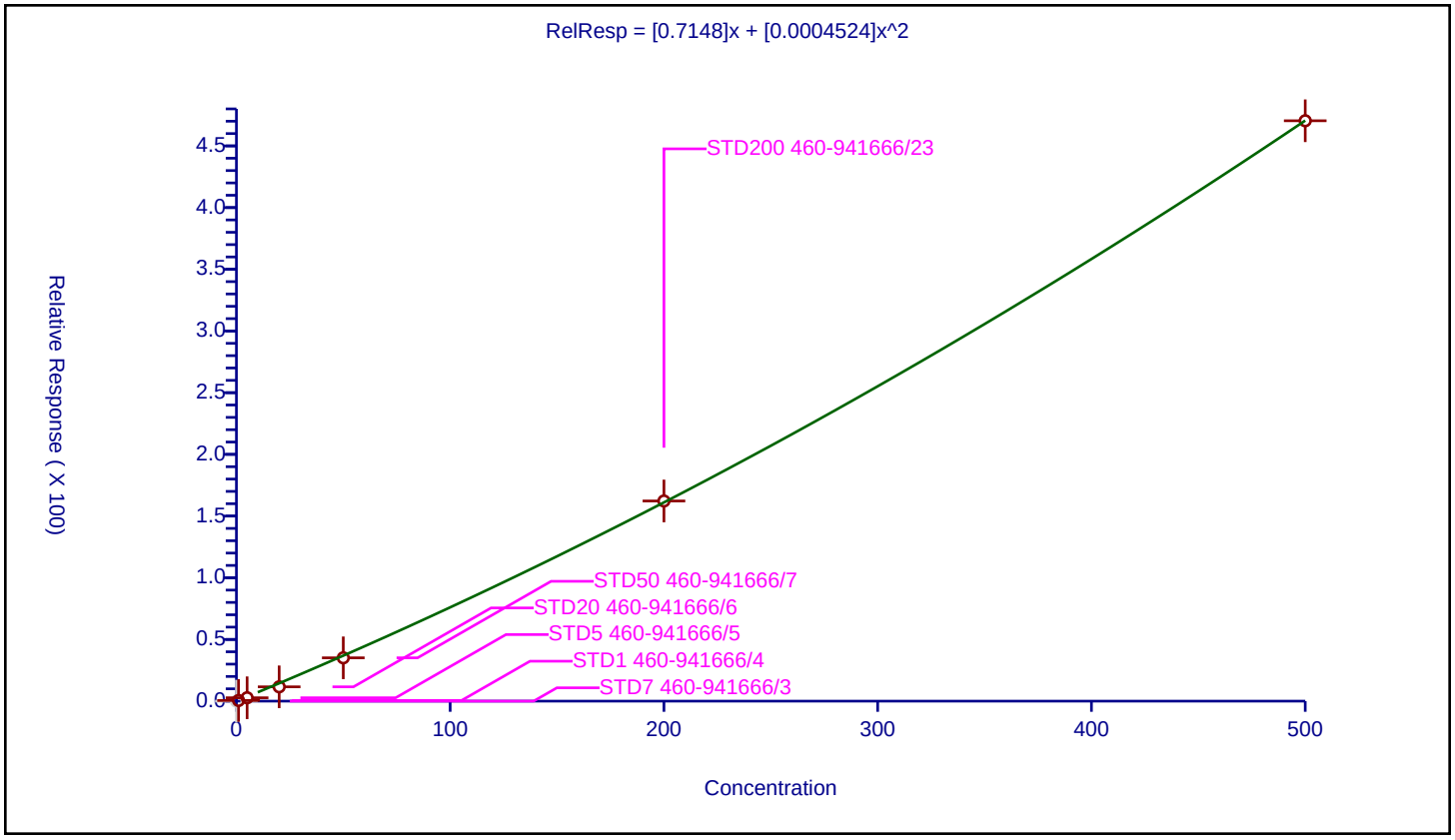
Curve Coefficients

Intercept:	0
Slope:	0.7148
Second Order:	0.0004524

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	20.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.528514	50.0	189399.0	0.528514	Y
3	STD5 460-941666/5	5.0	2.725228	50.0	202295.0	0.545046	Y
4	STD20 460-941666/6	20.0	11.609841	50.0	199206.0	0.580492	Y
5	STD50 460-941666/7	50.0	35.099576	50.0	194424.0	0.701992	Y
6	STD200 460-941666/23	200.0	162.225766	50.0	218518.0	0.811129	Y
7	STD500 460-941666/24	500.0	470.362887	50.0	254156.0	0.940726	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

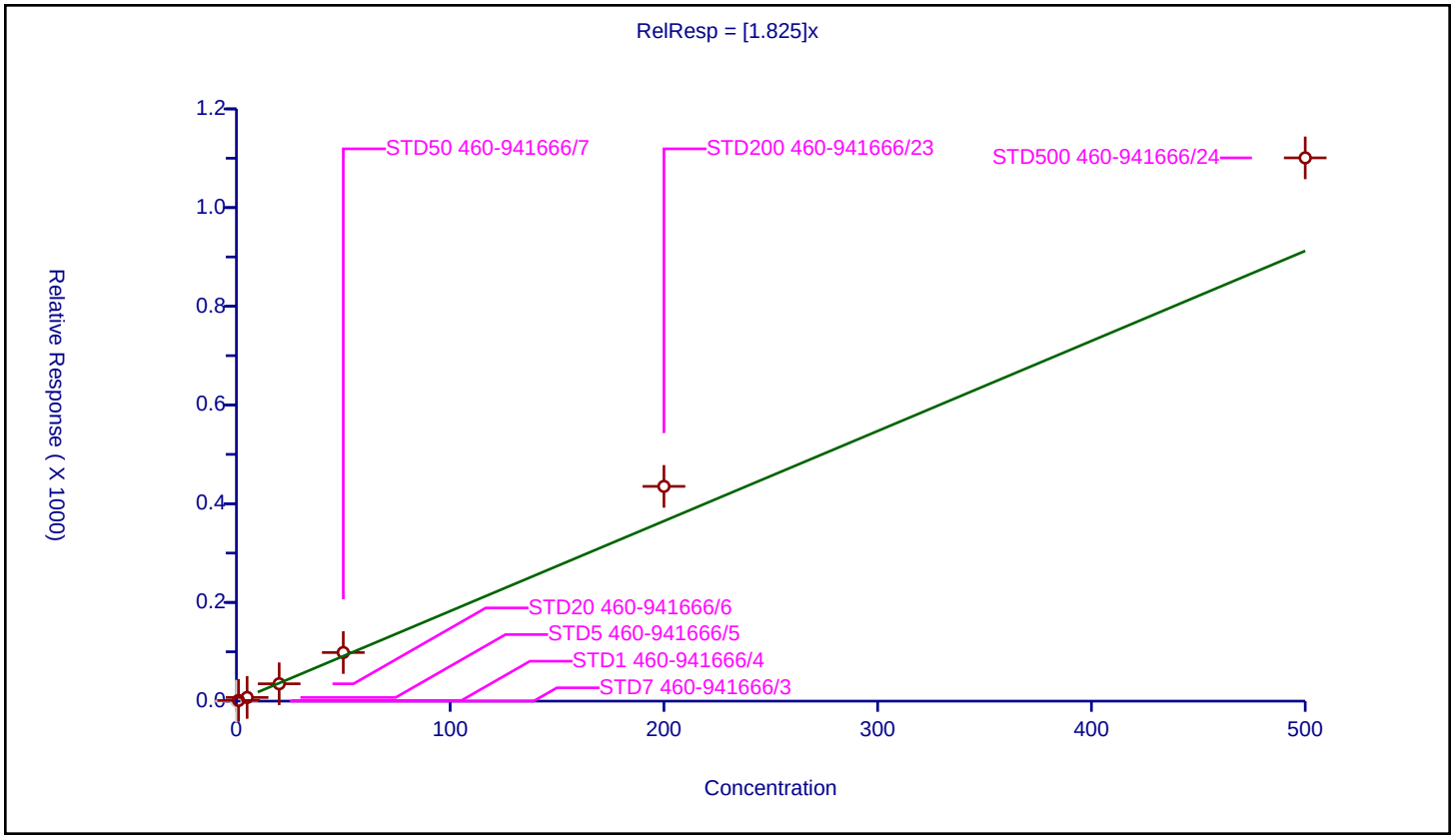
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	19.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.3593	50.0	189399.0	1.3593	Y
3	STD5 460-941666/5	5.0	7.420351	50.0	202295.0	1.48407	Y
4	STD20 460-941666/6	20.0	35.134233	50.0	199206.0	1.756712	Y
5	STD50 460-941666/7	50.0	98.493242	50.0	194424.0	1.969865	Y
6	STD200 460-941666/23	200.0	435.133948	50.0	218518.0	2.17567	Y
7	STD500 460-941666/24	500.0	1100.776295	50.0	254156.0	2.201553	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

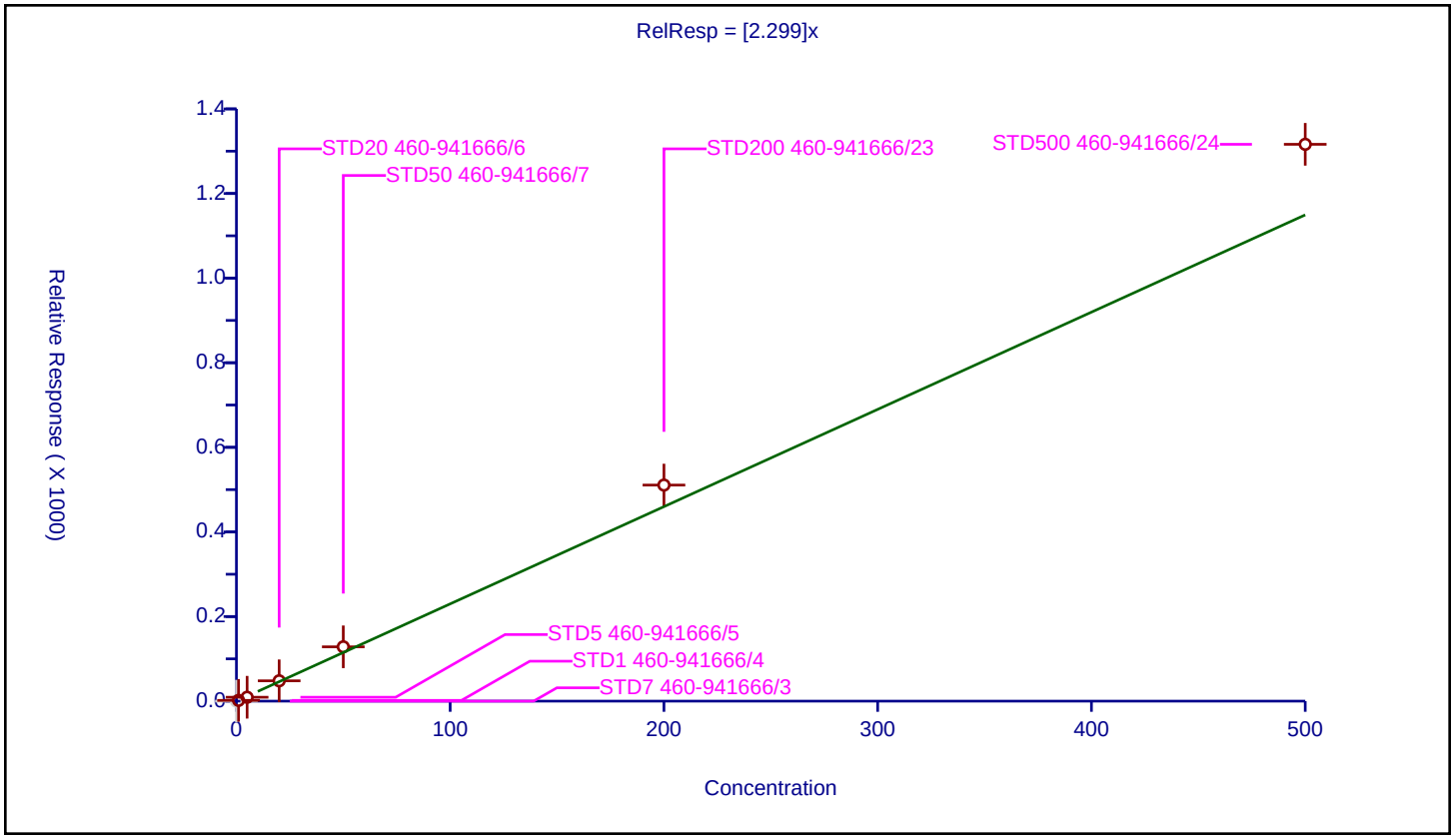
Curve Coefficients

Intercept:	0
Slope:	2.299

Error Coefficients

Standard Error:	3160000
Relative Standard Error:	16.6
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.794888	50.0	189399.0	1.794888	Y
3	STD5 460-941666/5	5.0	9.200672	50.0	202295.0	1.840134	Y
4	STD20 460-941666/6	20.0	48.082889	50.0	199206.0	2.404144	Y
5	STD50 460-941666/7	50.0	128.384356	50.0	194424.0	2.567687	Y
6	STD200 460-941666/23	200.0	510.778746	50.0	218518.0	2.553894	Y
7	STD500 460-941666/24	500.0	1316.276421	50.0	254156.0	2.632553	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

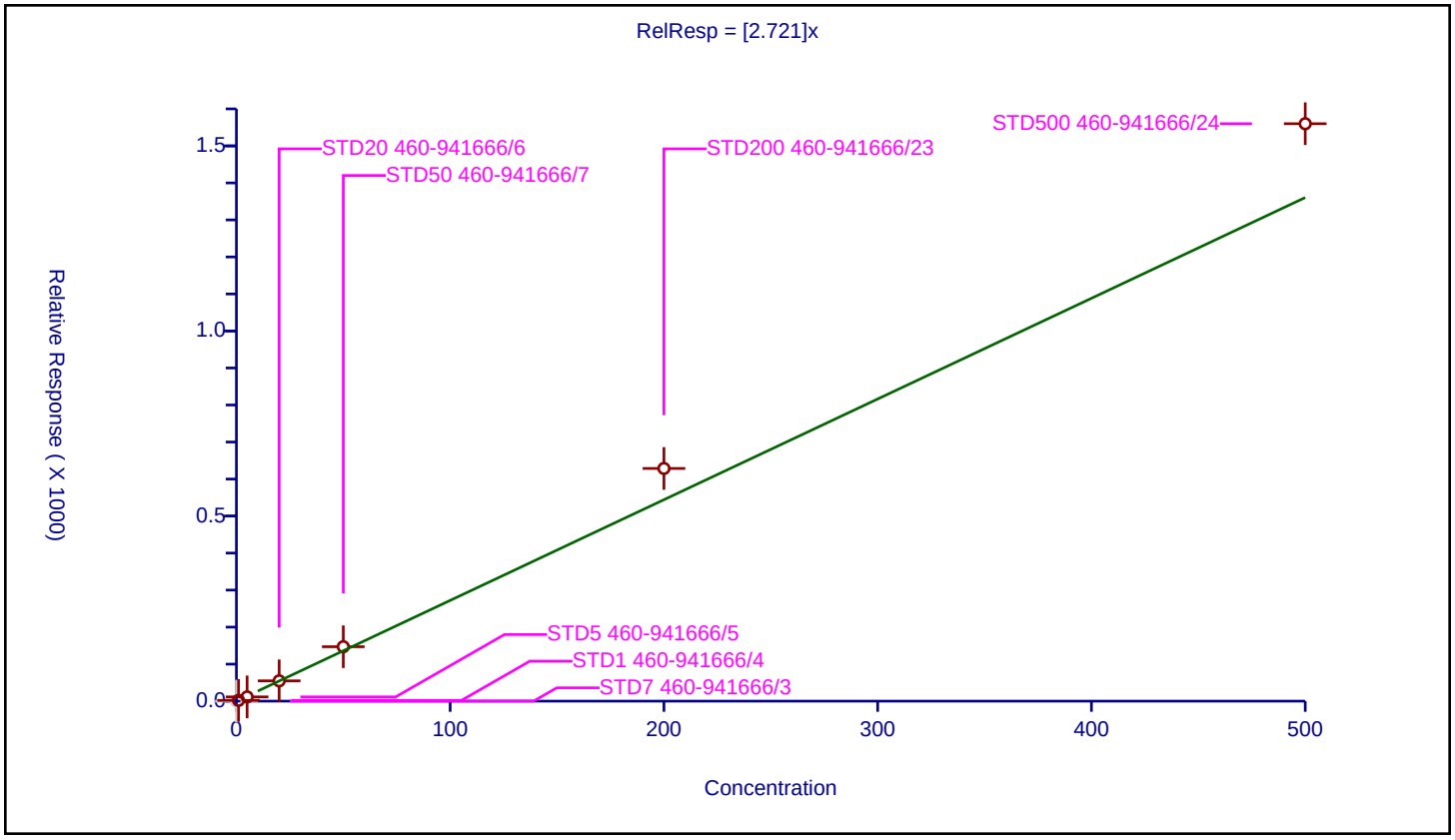
Curve Coefficients

Intercept:	0
Slope:	2.721

Error Coefficients

Standard Error:	3760000
Relative Standard Error:	16.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	2.0866	50.0	189399.0	2.0866	Y
3	STD5 460-941666/5	5.0	11.468647	50.0	202295.0	2.293729	Y
4	STD20 460-941666/6	20.0	54.830929	50.0	199206.0	2.741546	Y
5	STD50 460-941666/7	50.0	147.03586	50.0	194424.0	2.940717	Y
6	STD200 460-941666/23	200.0	628.600161	50.0	218518.0	3.143001	Y
7	STD500 460-941666/24	500.0	1559.900612	50.0	254156.0	3.119801	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

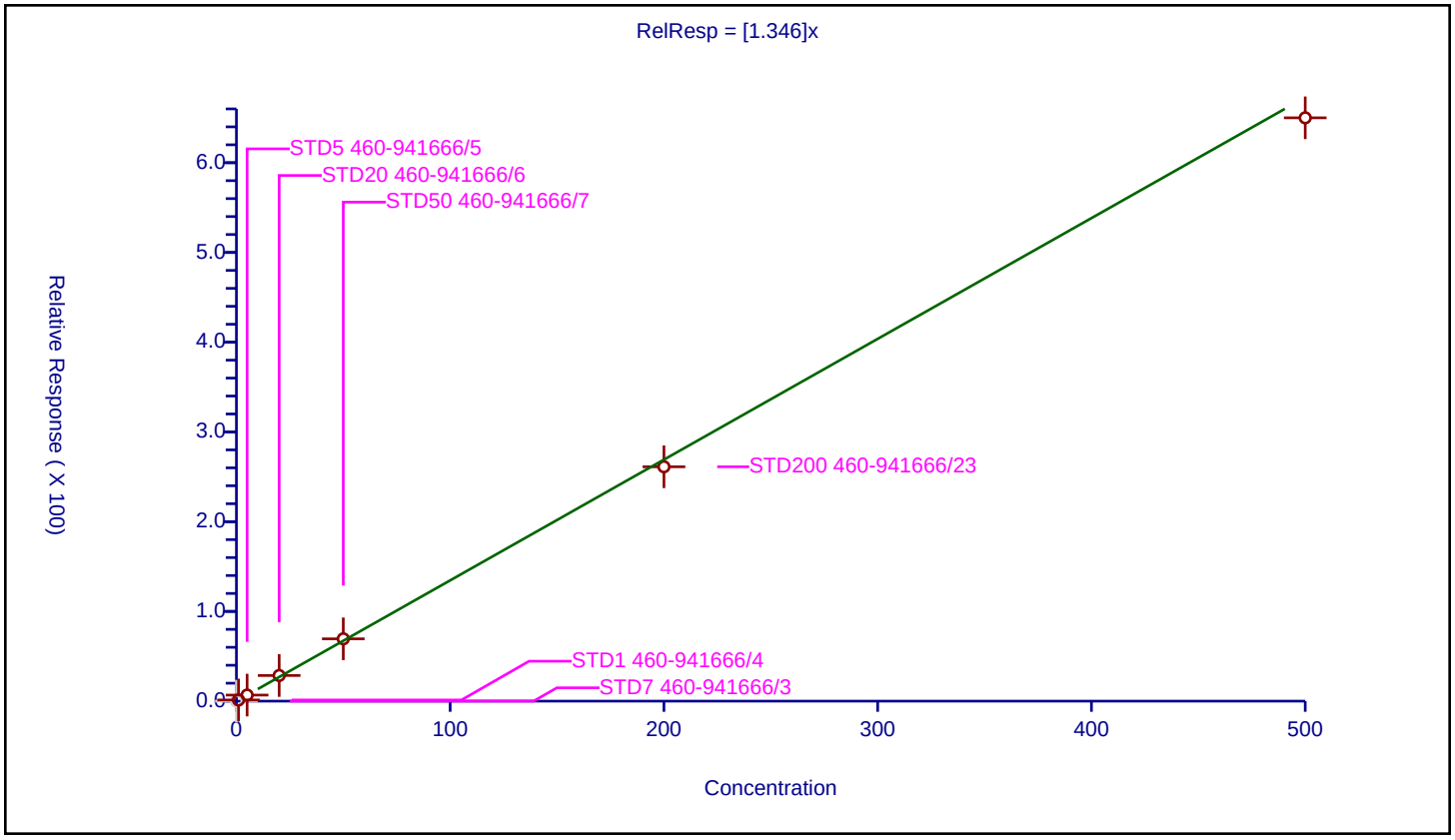
Curve Coefficients

Intercept:	0
Slope:	1.346

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	4.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.298581	50.0	189399.0	1.298581	Y
3	STD5 460-941666/5	5.0	6.763884	50.0	202295.0	1.352777	Y
4	STD20 460-941666/6	20.0	28.566911	50.0	199206.0	1.428346	Y
5	STD50 460-941666/7	50.0	69.423785	50.0	194424.0	1.388476	Y
6	STD200 460-941666/23	200.0	261.178027	50.0	218518.0	1.30589	Y
7	STD500 460-941666/24	500.0	650.065904	50.0	254156.0	1.300132	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

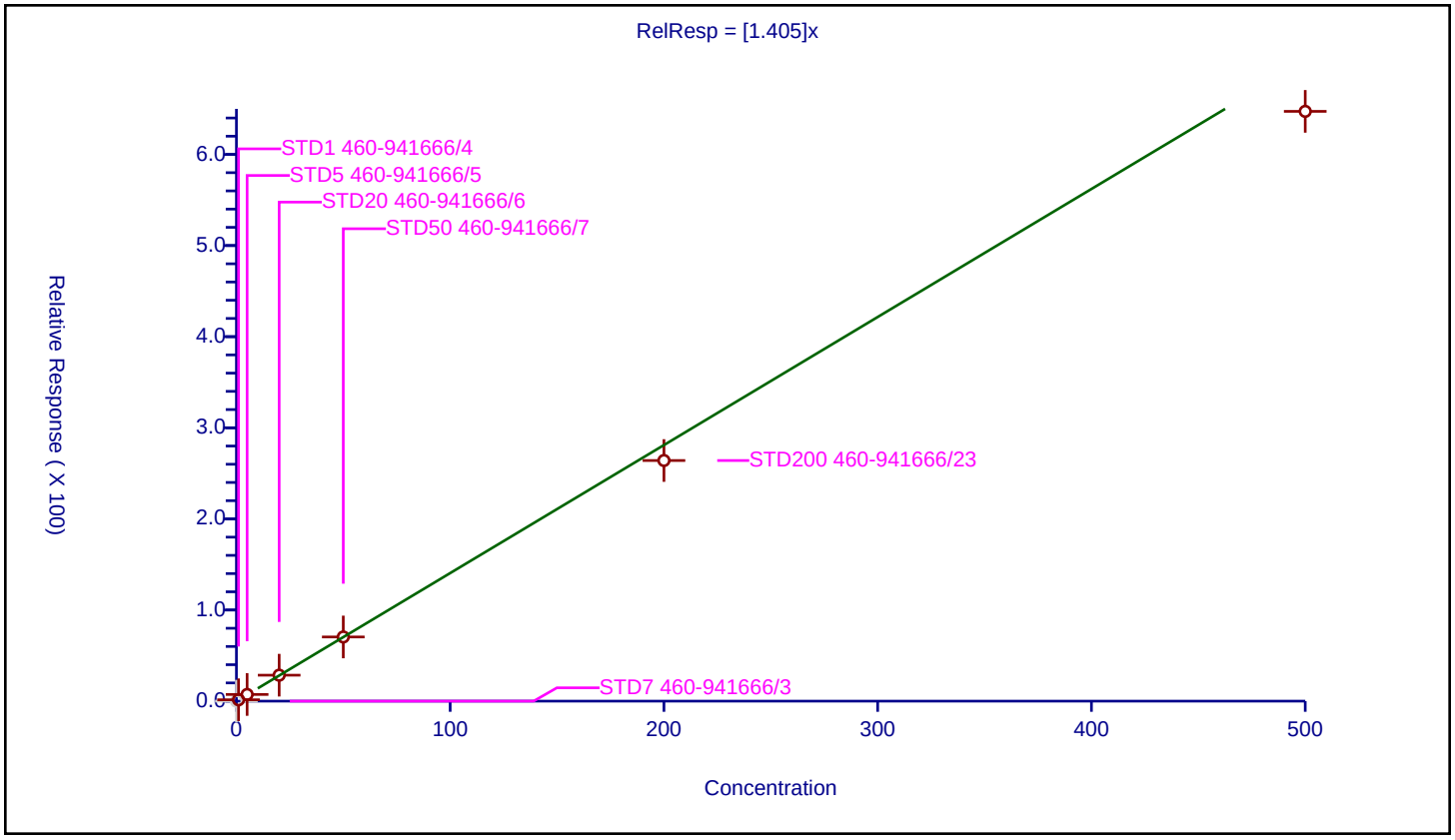
Curve Coefficients

Intercept:	0
Slope:	1.405

Error Coefficients

Standard Error:	1560000
Relative Standard Error:	6.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.518751	50.0	189399.0	1.518751	Y
3	STD5 460-941666/5	5.0	7.327418	50.0	202295.0	1.465484	Y
4	STD20 460-941666/6	20.0	28.472285	50.0	199206.0	1.423614	Y
5	STD50 460-941666/7	50.0	70.443721	50.0	194424.0	1.408874	Y
6	STD200 460-941666/23	200.0	264.094949	50.0	218518.0	1.320475	Y
7	STD500 460-941666/24	500.0	647.267033	50.0	254156.0	1.294534	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

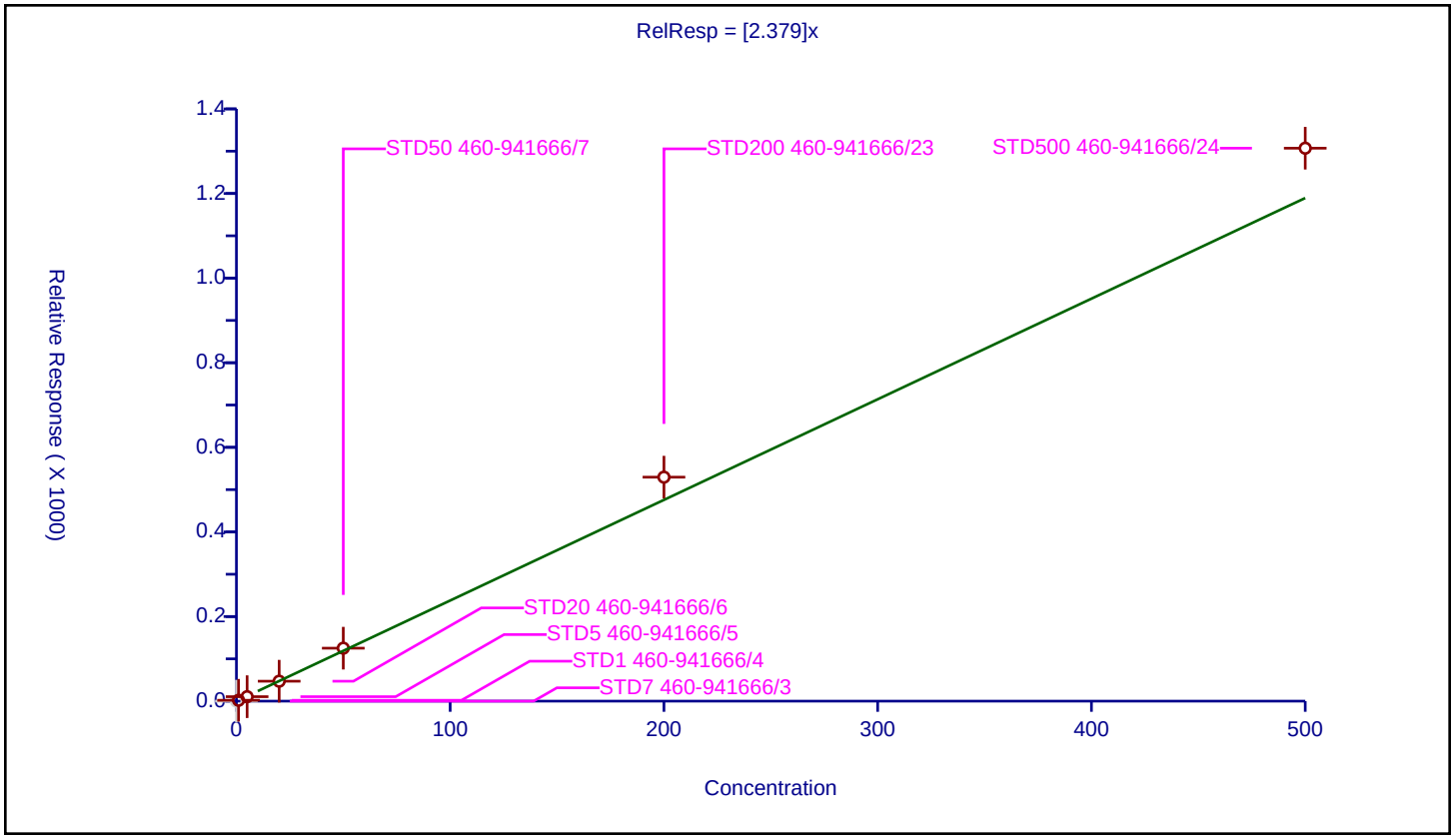
Curve Coefficients

Intercept:	0
Slope:	2.379

Error Coefficients

Standard Error:	3150000
Relative Standard Error:	10.8
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	2.042513	50.0	189399.0	2.042513	Y
3	STD5 460-941666/5	5.0	10.529178	50.0	202295.0	2.105836	Y
4	STD20 460-941666/6	20.0	47.145668	50.0	199206.0	2.357283	Y
5	STD50 460-941666/7	50.0	125.222195	50.0	194424.0	2.504444	Y
6	STD200 460-941666/23	200.0	529.484528	50.0	218518.0	2.647423	Y
7	STD500 460-941666/24	500.0	1307.043509	50.0	254156.0	2.614087	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

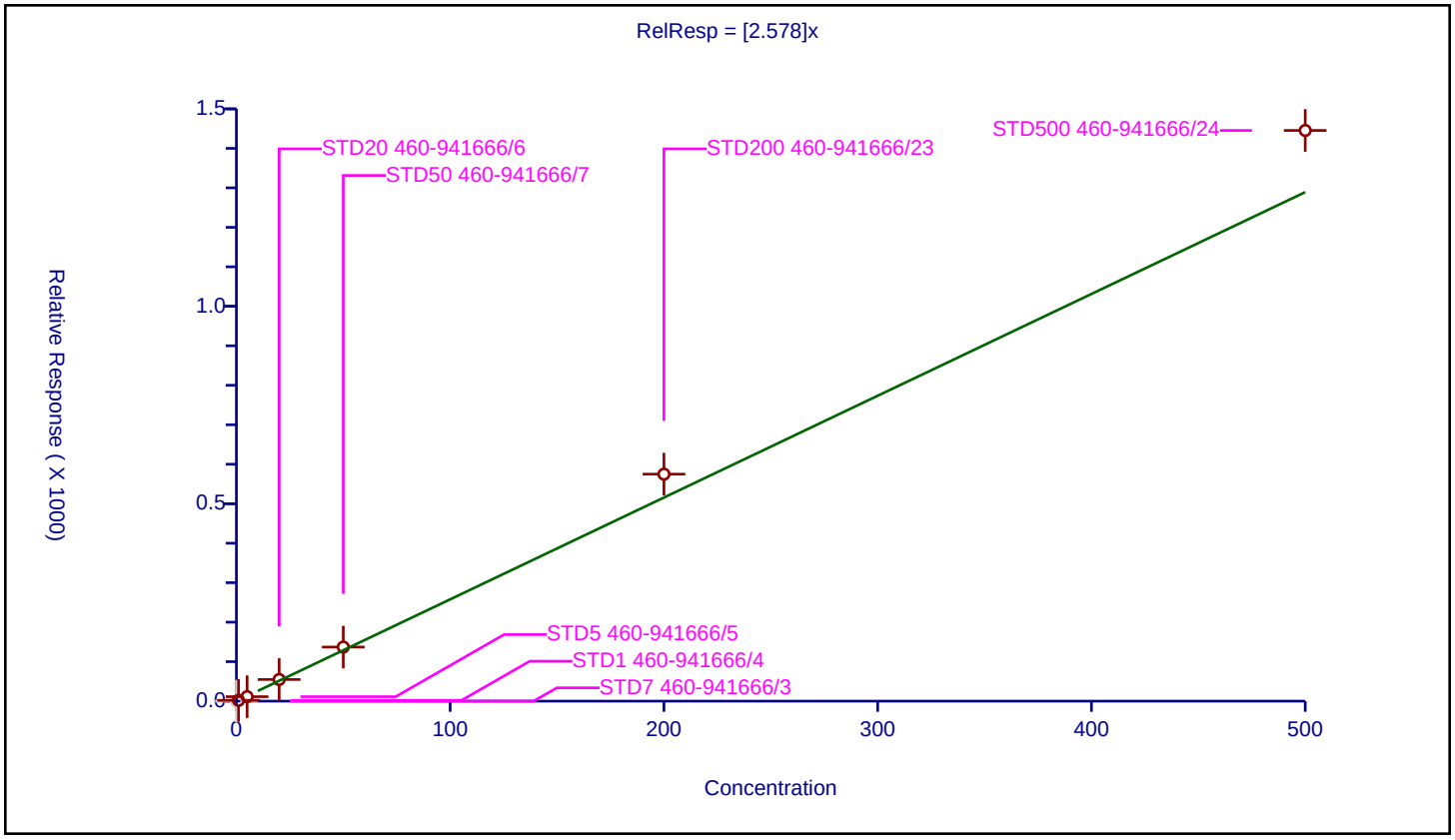
Curve Coefficients

Intercept:	0
Slope:	2.578

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	14.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.963316	50.0	189399.0	1.963316	Y
3	STD5 460-941666/5	5.0	11.305272	50.0	202295.0	2.261054	Y
4	STD20 460-941666/6	20.0	54.798048	50.0	199206.0	2.739902	Y
5	STD50 460-941666/7	50.0	136.980517	50.0	194424.0	2.73961	Y
6	STD200 460-941666/23	200.0	574.896805	50.0	218518.0	2.874484	Y
7	STD500 460-941666/24	500.0	1445.36033	50.0	254156.0	2.890721	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

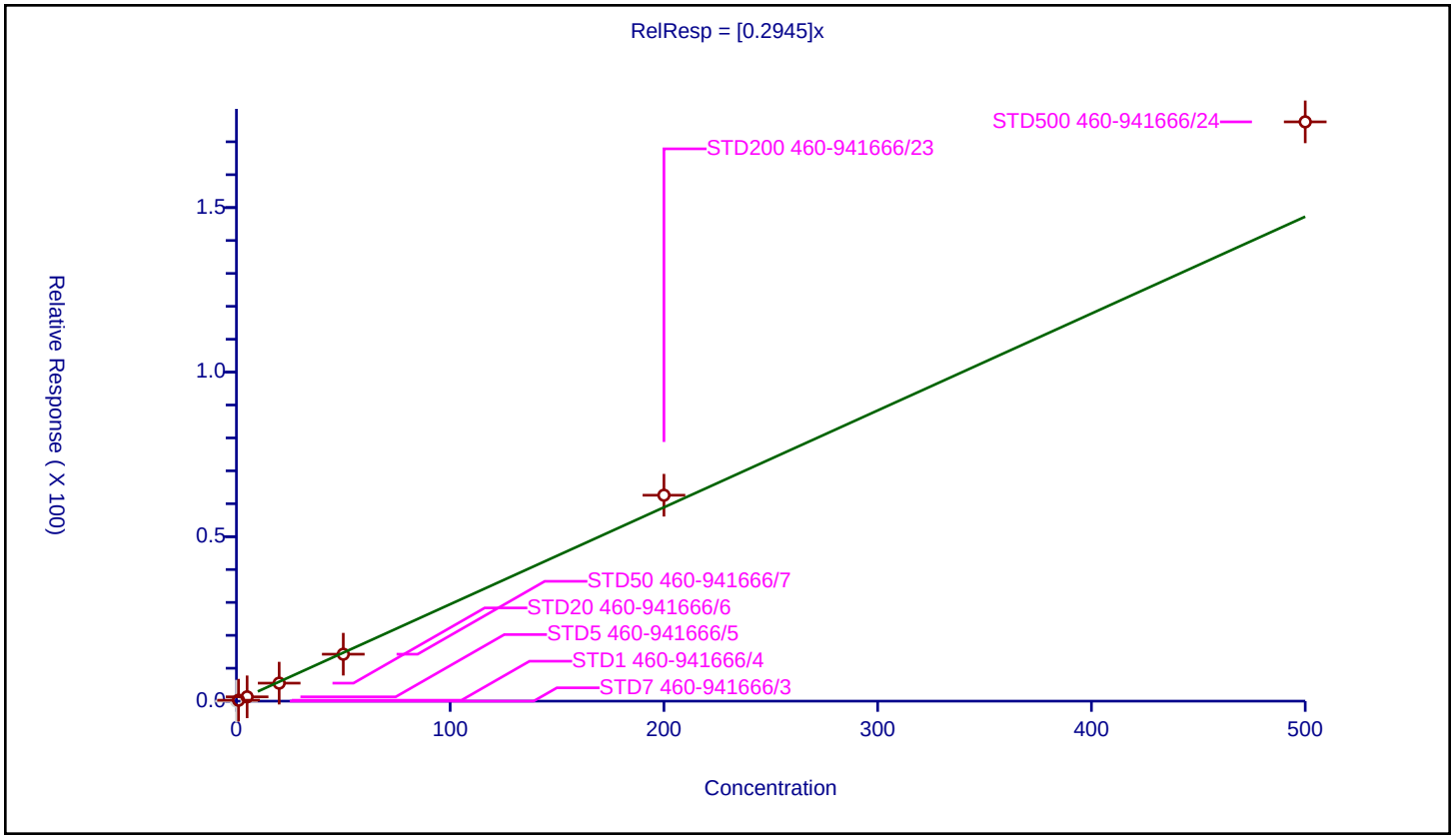
Curve Coefficients

Intercept:	0
Slope:	0.2945

Error Coefficients

Standard Error:	419000
Relative Standard Error:	11.2
Correlation Coefficient:	0.991
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.282208	50.0	189399.0	0.282208	Y
3	STD5 460-941666/5	5.0	1.304778	50.0	202295.0	0.260956	Y
4	STD20 460-941666/6	20.0	5.467456	50.0	199206.0	0.273373	Y
5	STD50 460-941666/7	50.0	14.269586	50.0	194424.0	0.285392	Y
6	STD200 460-941666/23	200.0	62.588437	50.0	218518.0	0.312942	Y
7	STD500 460-941666/24	500.0	176.056438	50.0	254156.0	0.352113	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

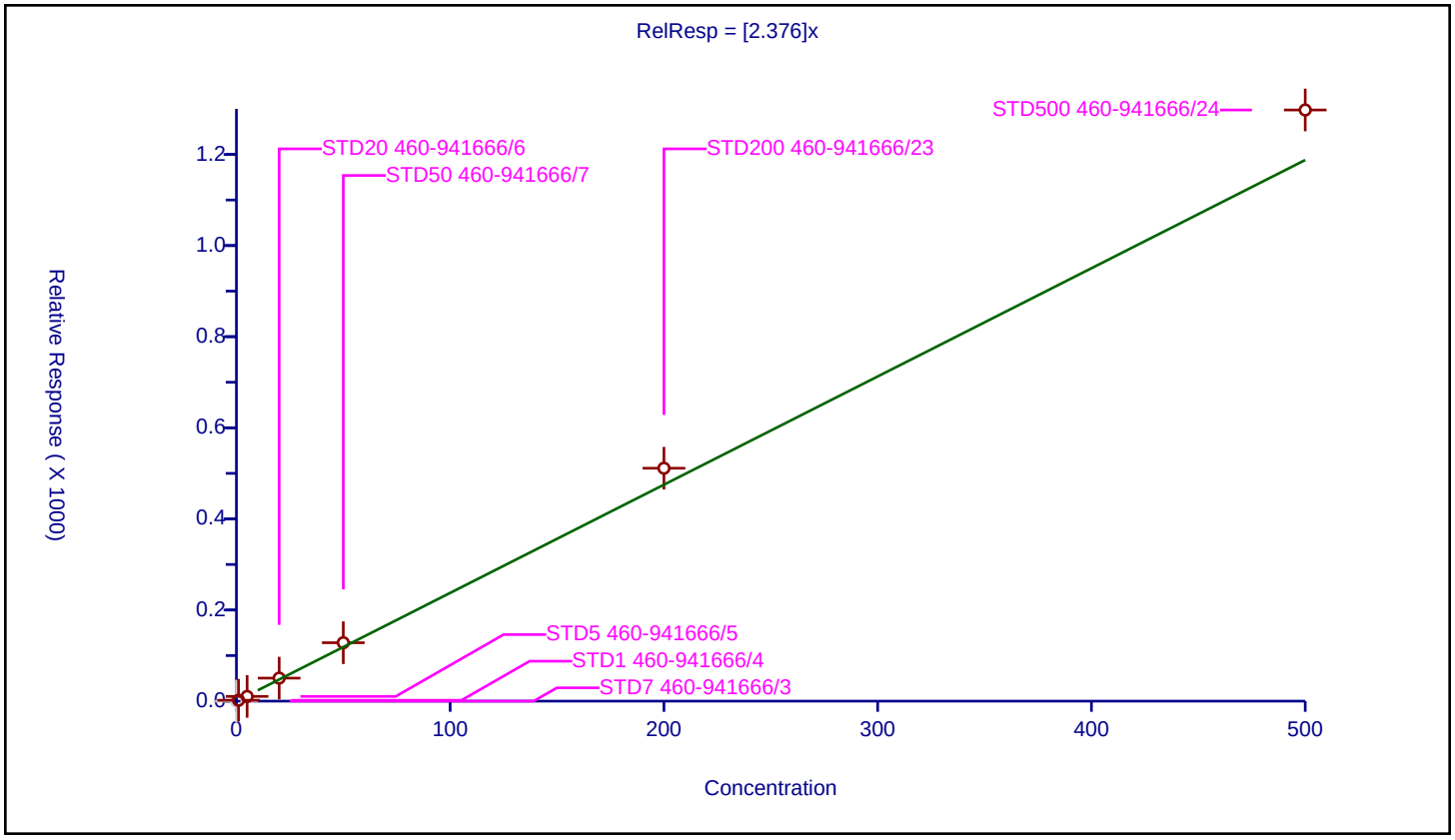
Curve Coefficients

Intercept:	0
Slope:	2.376

Error Coefficients

Standard Error:	3120000
Relative Standard Error:	12.2
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.939556	50.0	189399.0	1.939556	Y
3	STD5 460-941666/5	5.0	10.351961	50.0	202295.0	2.070392	Y
4	STD20 460-941666/6	20.0	50.532363	50.0	199206.0	2.526618	Y
5	STD50 460-941666/7	50.0	128.2568	50.0	194424.0	2.565136	Y
6	STD200 460-941666/23	200.0	511.30273	50.0	218518.0	2.556514	Y
7	STD500 460-941666/24	500.0	1297.585341	50.0	254156.0	2.595171	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

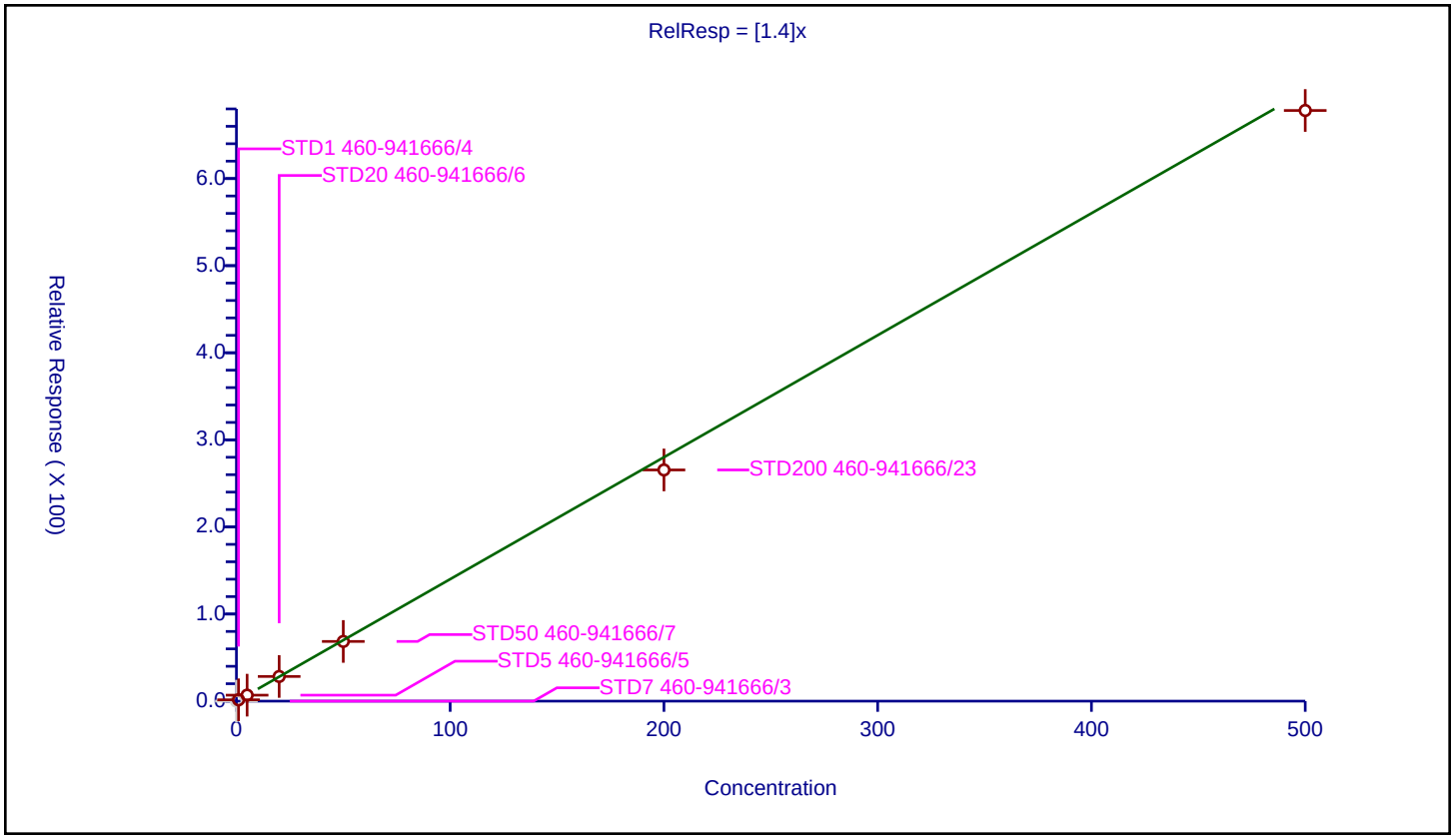
Curve Coefficients

Intercept:	0
Slope:	1.4

Error Coefficients

Standard Error:	1630000
Relative Standard Error:	5.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.55703	50.0	189399.0	1.55703	Y
3	STD5 460-941666/5	5.0	6.870165	50.0	202295.0	1.374033	Y
4	STD20 460-941666/6	20.0	28.331476	50.0	199206.0	1.416574	Y
5	STD50 460-941666/7	50.0	68.551465	50.0	194424.0	1.371029	Y
6	STD200 460-941666/23	200.0	265.464172	50.0	218518.0	1.327321	Y
7	STD500 460-941666/24	500.0	678.176789	50.0	254156.0	1.356354	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

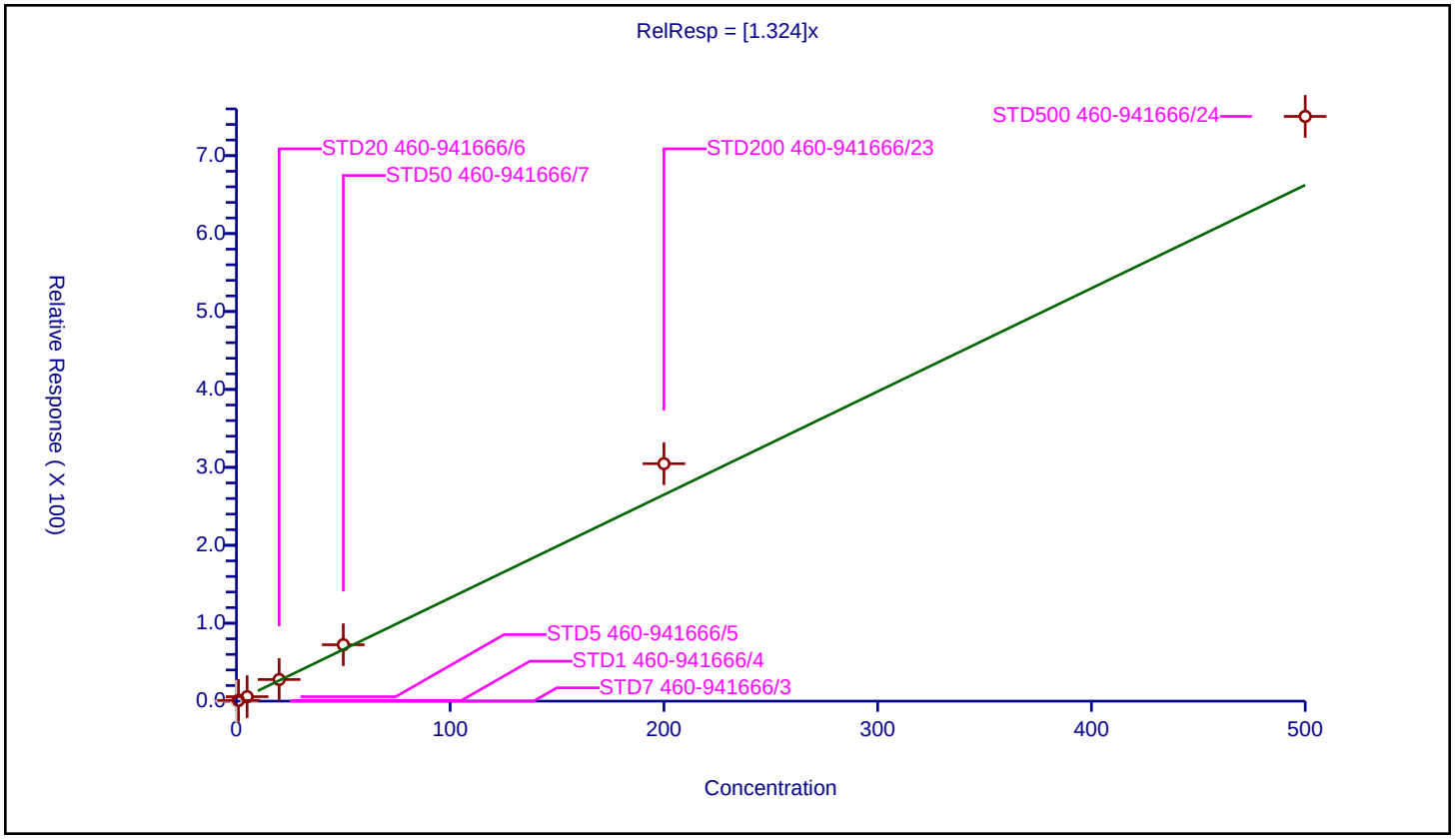
Curve Coefficients

Intercept:	0
Slope:	1.324

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	17.4
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.947735	50.0	189399.0	0.947735	Y
3	STD5 460-941666/5	5.0	5.708001	50.0	202295.0	1.1416	Y
4	STD20 460-941666/6	20.0	27.723814	50.0	199206.0	1.386191	Y
5	STD50 460-941666/7	50.0	72.356293	50.0	194424.0	1.447126	Y
6	STD200 460-941666/23	200.0	304.70213	50.0	218518.0	1.523511	Y
7	STD500 460-941666/24	500.0	750.350375	50.0	254156.0	1.500701	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

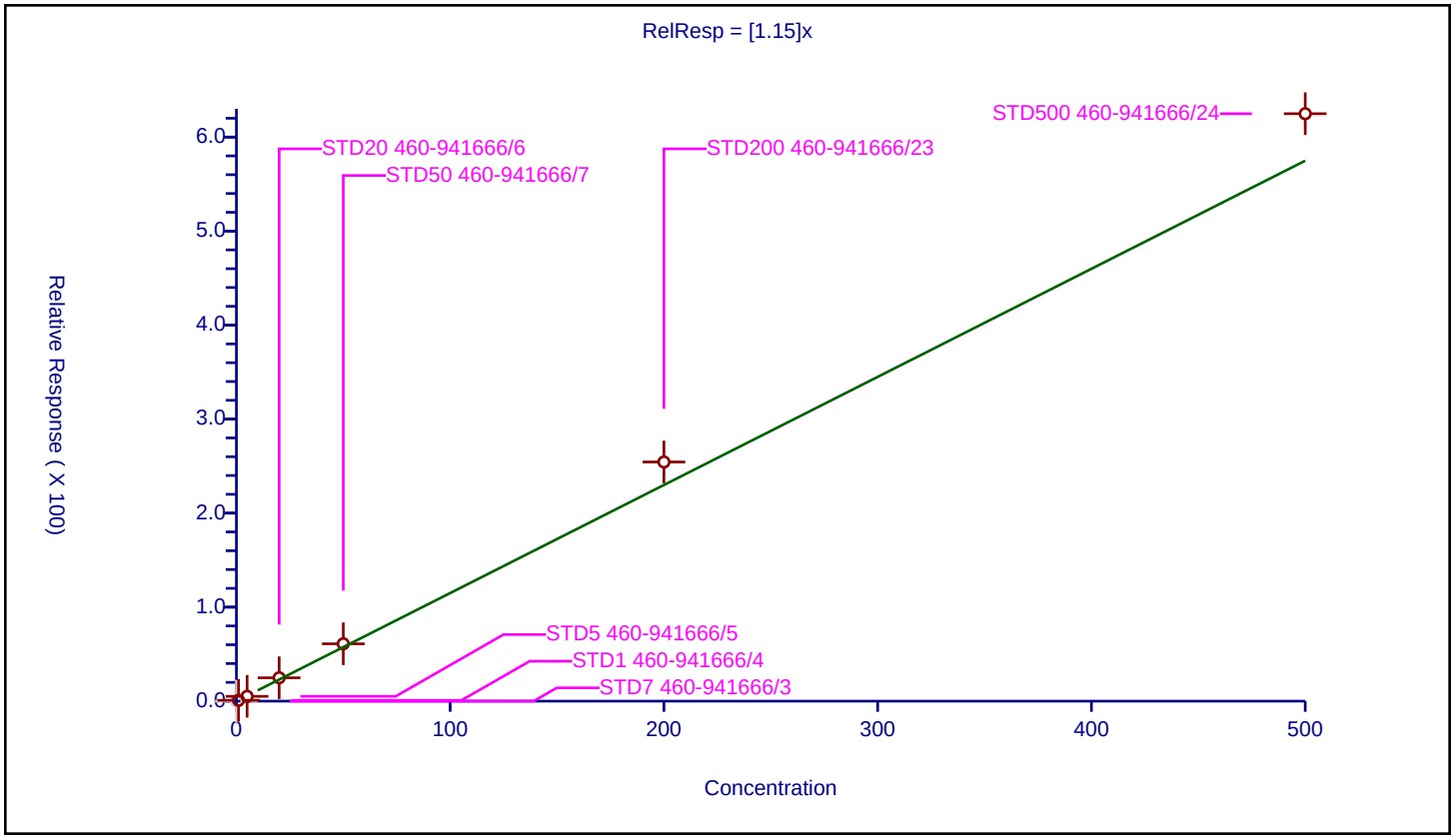
Curve Coefficients

Intercept:	0
Slope:	1.15

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	13.5
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.893352	50.0	189399.0	0.893352	Y
3	STD5 460-941666/5	5.0	5.101708	50.0	202295.0	1.020342	Y
4	STD20 460-941666/6	20.0	24.858438	50.0	199206.0	1.242922	Y
5	STD50 460-941666/7	50.0	61.000442	50.0	194424.0	1.220009	Y
6	STD200 460-941666/23	200.0	254.397578	50.0	218518.0	1.271988	Y
7	STD500 460-941666/24	500.0	624.882946	50.0	254156.0	1.249766	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

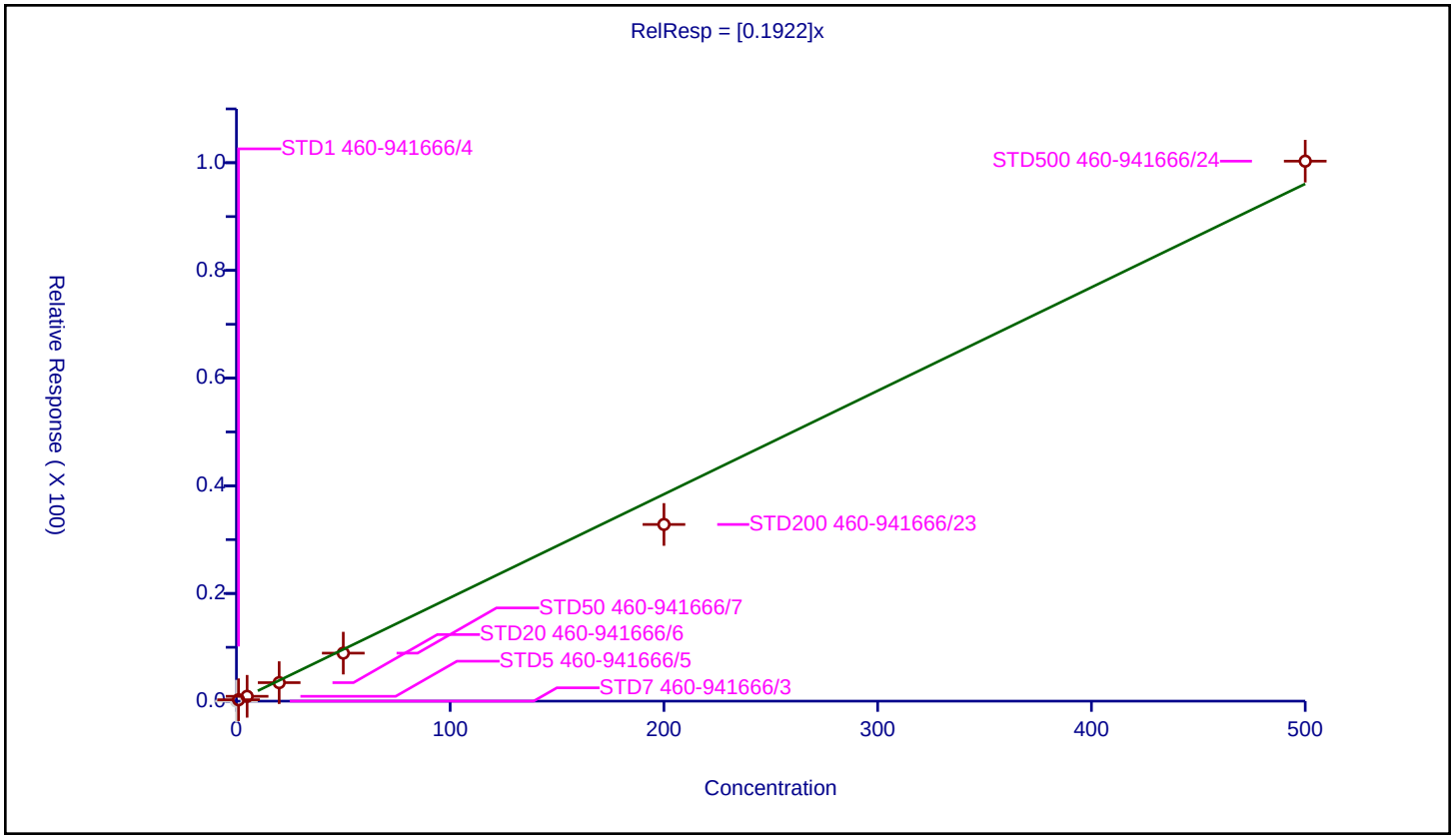
Curve Coefficients

Intercept:	0
Slope:	0.1922

Error Coefficients

Standard Error:	237000
Relative Standard Error:	18.1
Correlation Coefficient:	0.986
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.258713	50.0	189399.0	0.258713	Y
3	STD5 460-941666/5	5.0	0.897699	50.0	202295.0	0.17954	Y
4	STD20 460-941666/6	20.0	3.433883	50.0	199206.0	0.171694	Y
5	STD50 460-941666/7	50.0	8.915309	50.0	194424.0	0.178306	Y
6	STD200 460-941666/23	200.0	32.814459	50.0	218518.0	0.164072	Y
7	STD500 460-941666/24	500.0	100.292734	50.0	254156.0	0.200585	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

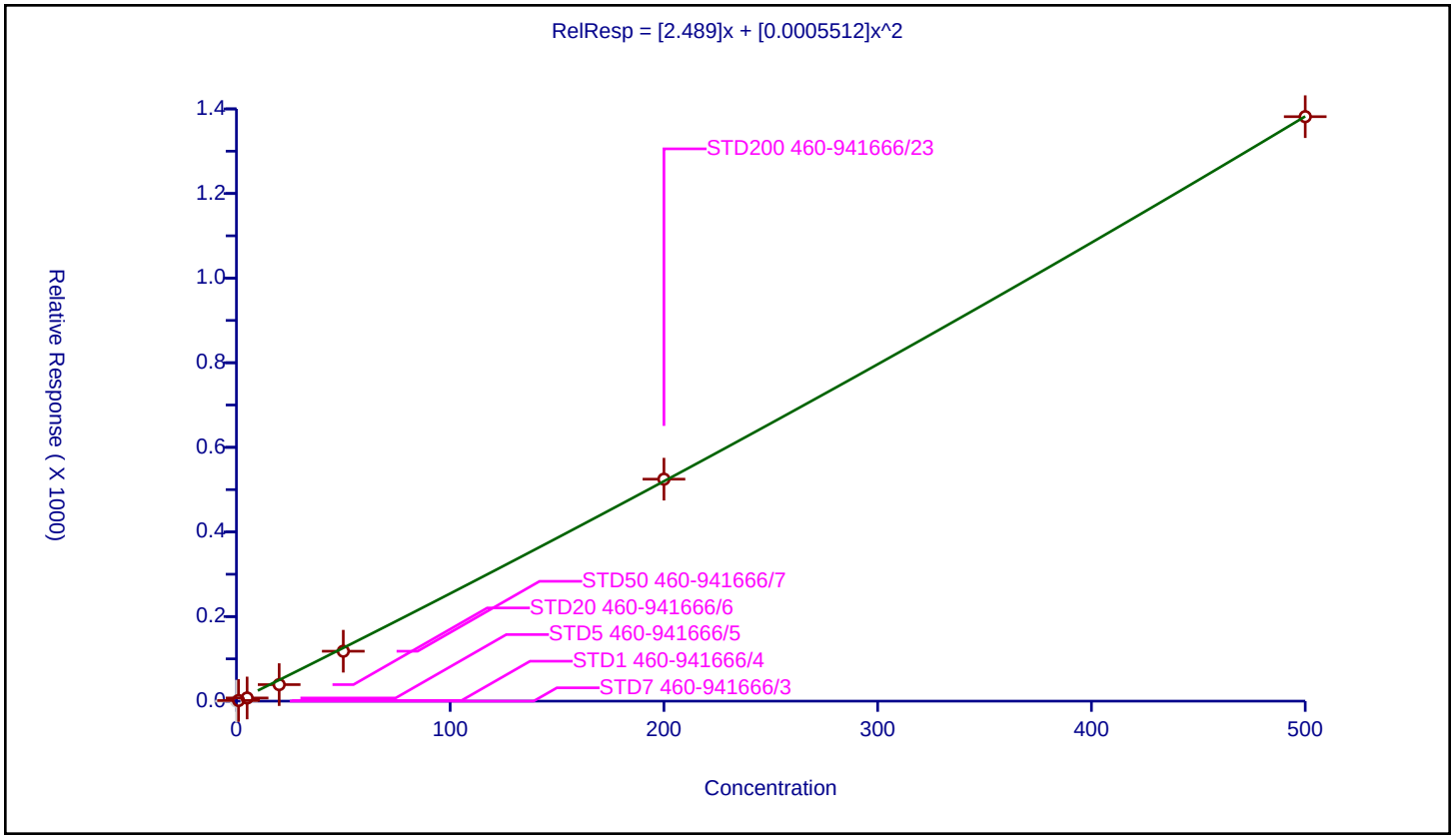
Curve Coefficients

Intercept:	0
Slope:	2.489
Second Order:	0.0005512

Error Coefficients

Standard Error:	3700000
Relative Standard Error:	30.6
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.478097	50.0	189399.0	1.478097	Y
3	STD5 460-941666/5	5.0	7.485356	50.0	202295.0	1.497071	Y
4	STD20 460-941666/6	20.0	39.051786	50.0	199206.0	1.952589	Y
5	STD50 460-941666/7	50.0	118.042268	50.0	194424.0	2.360845	Y
6	STD200 460-941666/23	200.0	524.724508	50.0	218518.0	2.623623	Y
7	STD500 460-941666/24	500.0	1381.600867	50.0	254156.0	2.763202	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

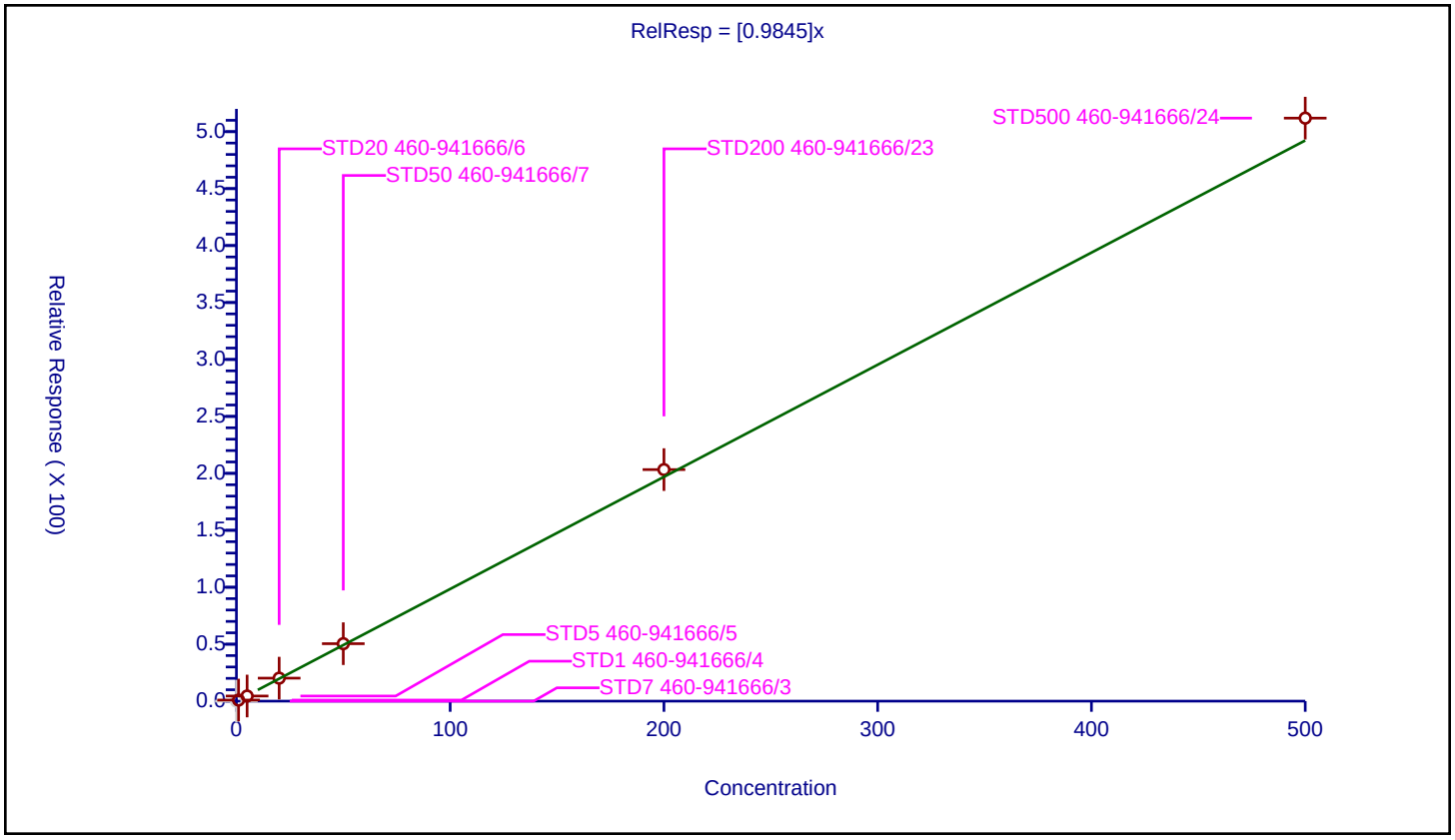
Curve Coefficients

Intercept:	0
Slope:	0.9845

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	5.0
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.946415	50.0	189399.0	0.946415	Y
3	STD5 460-941666/5	5.0	4.509009	50.0	202295.0	0.901802	Y
4	STD20 460-941666/6	20.0	20.195928	50.0	199206.0	1.009796	Y
5	STD50 460-941666/7	50.0	50.442332	50.0	194424.0	1.008847	Y
6	STD200 460-941666/23	200.0	203.288745	50.0	218518.0	1.016444	Y
7	STD500 460-941666/24	500.0	511.893876	50.0	254156.0	1.023788	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

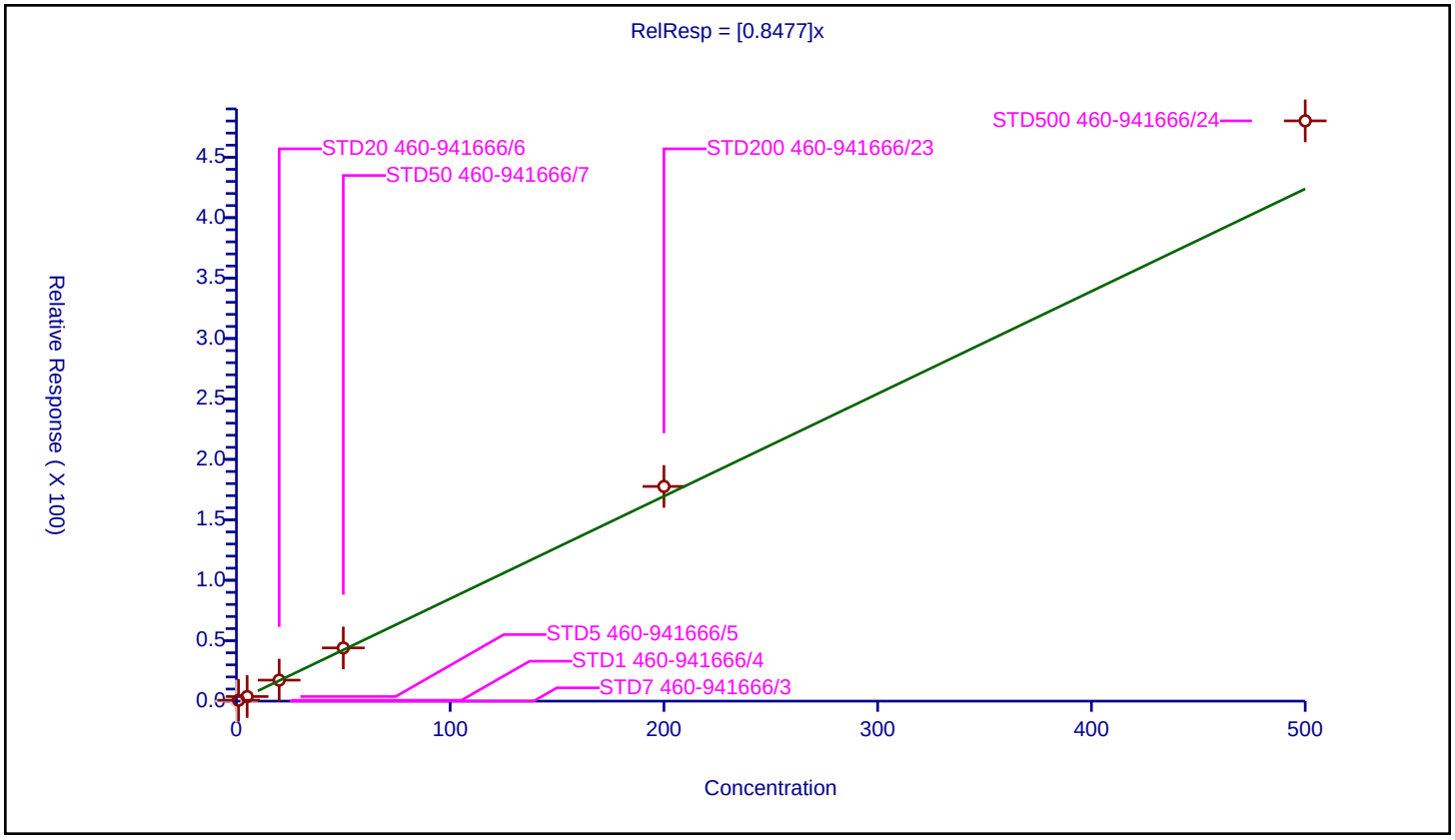
Curve Coefficients

Intercept:	0
Slope:	0.8477

Error Coefficients

Standard Error:	1150000
Relative Standard Error:	10.2
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.729413	50.0	189399.0	0.729413	Y
3	STD5 460-941666/5	5.0	3.793717	50.0	202295.0	0.758743	Y
4	STD20 460-941666/6	20.0	17.377991	50.0	199206.0	0.8689	Y
5	STD50 460-941666/7	50.0	44.035716	50.0	194424.0	0.880714	Y
6	STD200 460-941666/23	200.0	177.638455	50.0	218518.0	0.888192	Y
7	STD500 460-941666/24	500.0	480.095886	50.0	254156.0	0.960192	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

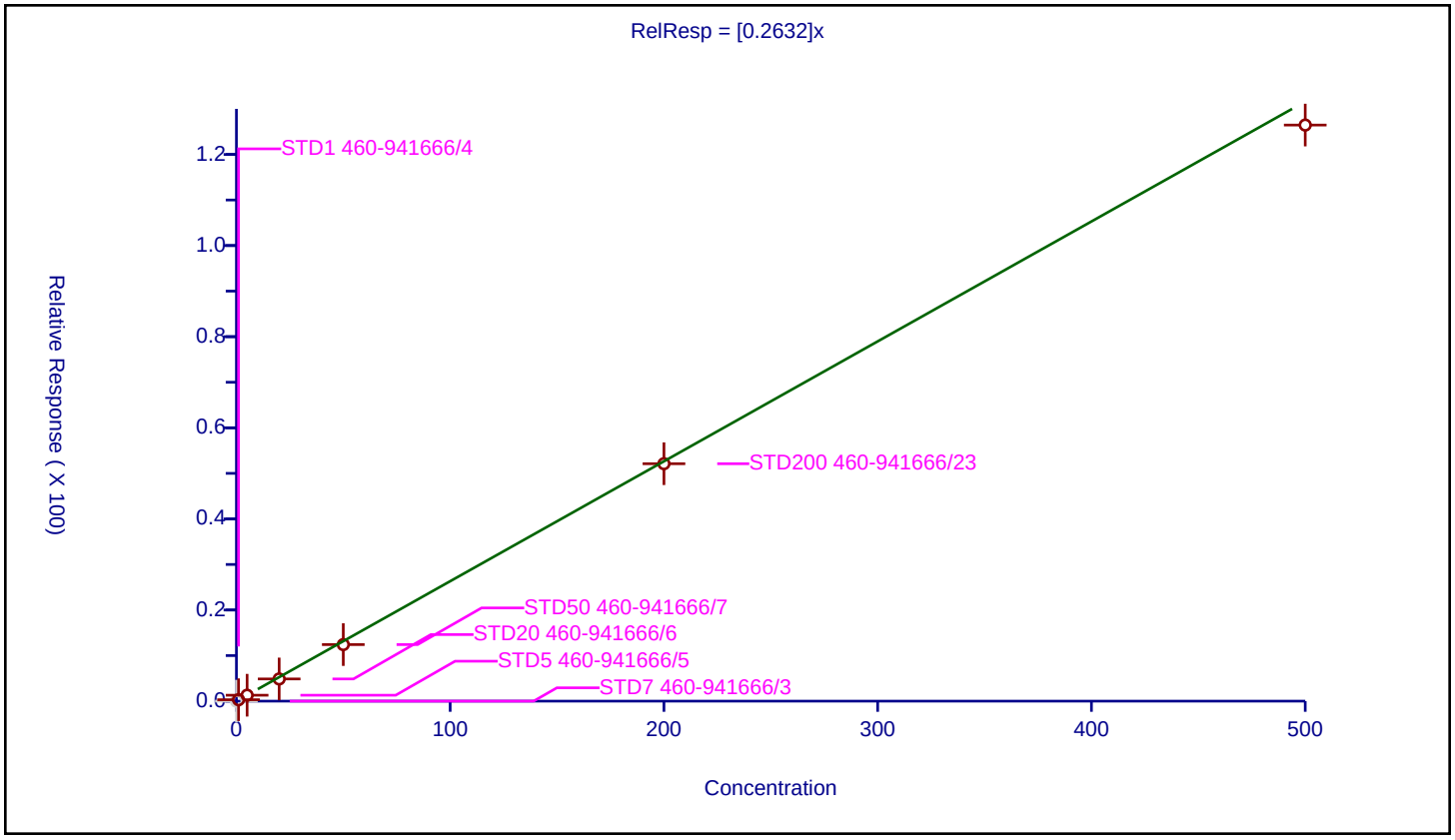
Curve Coefficients

Intercept:	0
Slope:	0.2632

Error Coefficients

Standard Error:	306000
Relative Standard Error:	9.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.313888	50.0	189399.0	0.313888	Y
3	STD5 460-941666/5	5.0	1.299834	50.0	202295.0	0.259967	Y
4	STD20 460-941666/6	20.0	4.874351	50.0	199206.0	0.243718	Y
5	STD50 460-941666/7	50.0	12.414362	50.0	194424.0	0.248287	Y
6	STD200 460-941666/23	200.0	52.118132	50.0	218518.0	0.260591	Y
7	STD500 460-941666/24	500.0	126.451471	50.0	254156.0	0.252903	Y



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Calibration / Naphthalene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

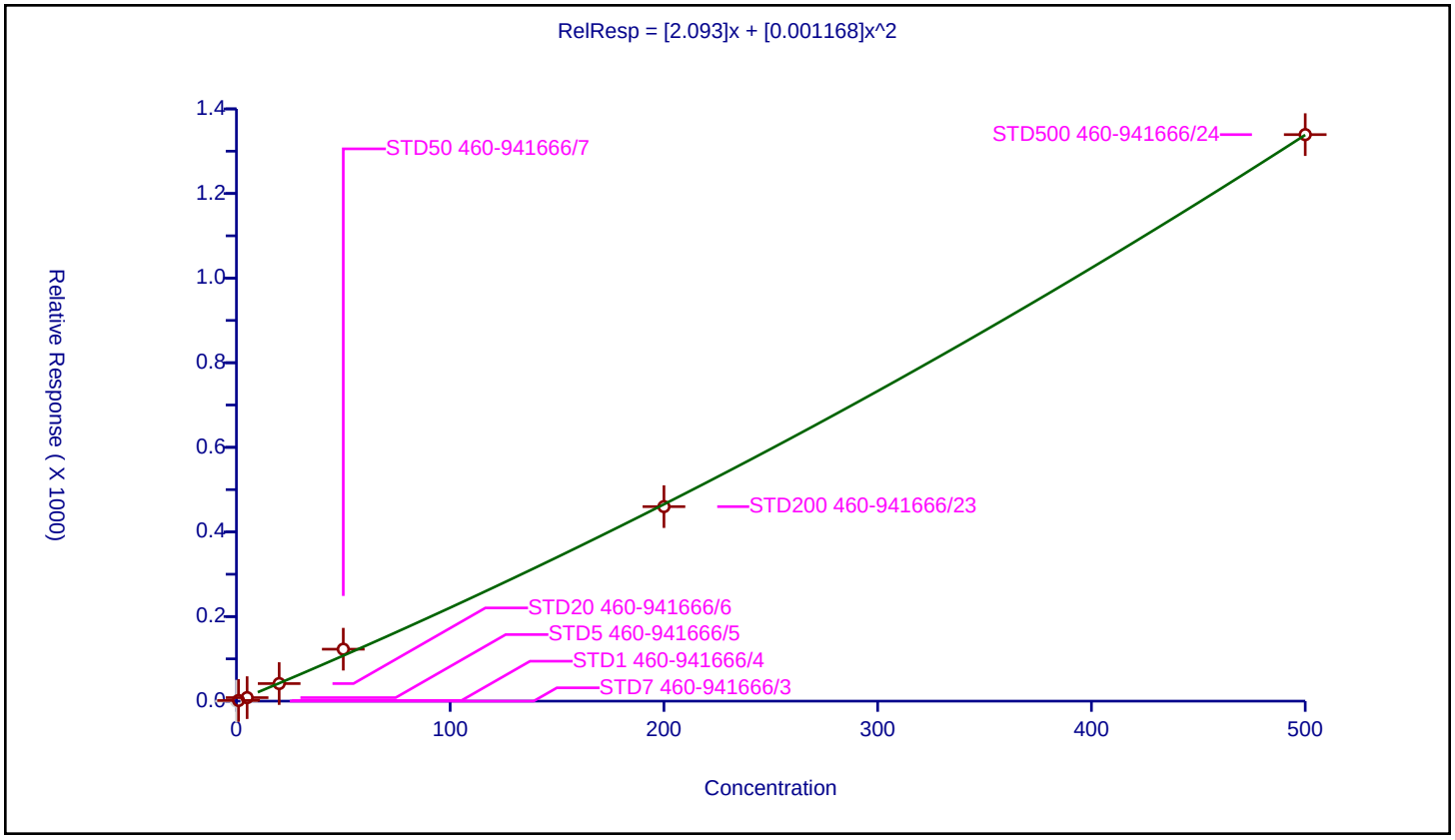
Curve Coefficients

Intercept:	0
Slope:	2.093
Second Order:	0.001168

Error Coefficients

Standard Error:	3560000
Relative Standard Error:	18.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	1.523767	50.0	189399.0	1.523767	Y
3	STD5 460-941666/5	5.0	8.276527	50.0	202295.0	1.655305	Y
4	STD20 460-941666/6	20.0	41.54418	50.0	199206.0	2.077209	Y
5	STD50 460-941666/7	50.0	122.795797	50.0	194424.0	2.455916	Y
6	STD200 460-941666/23	200.0	459.819328	50.0	218518.0	2.299097	Y
7	STD500 460-941666/24	500.0	1339.167086	50.0	254156.0	2.678334	Y



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Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

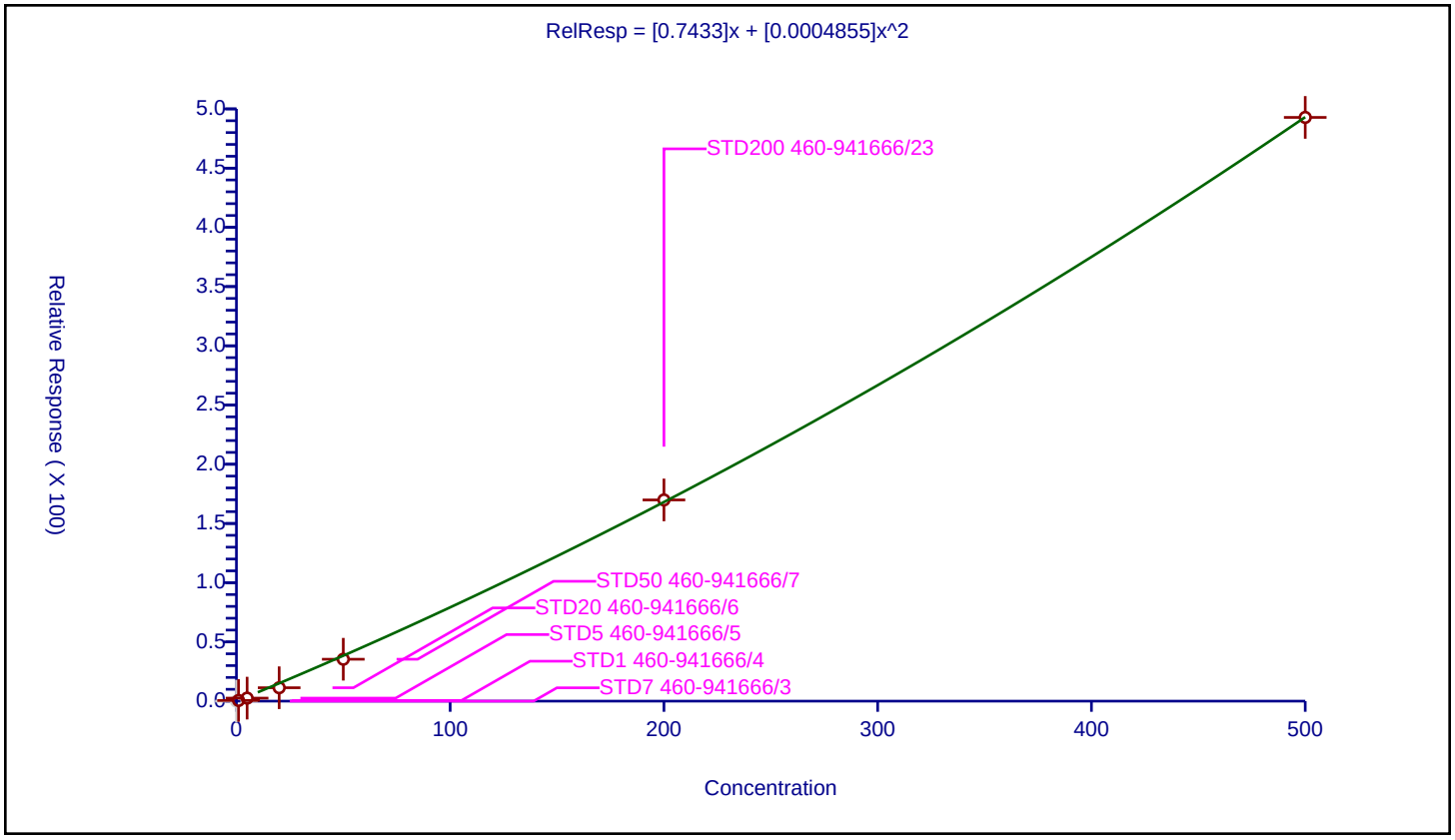
Curve Coefficients

Intercept:	0
Slope:	0.7433
Second Order:	0.0004855

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	23.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.571545	50.0	189399.0	0.571545	Y
3	STD5 460-941666/5	5.0	2.546529	50.0	202295.0	0.509306	Y
4	STD20 460-941666/6	20.0	11.32998	50.0	199206.0	0.566499	Y
5	STD50 460-941666/7	50.0	35.37912	50.0	194424.0	0.707582	Y
6	STD200 460-941666/23	200.0	169.863123	50.0	218518.0	0.849316	Y
7	STD500 460-941666/24	500.0	492.804616	50.0	254156.0	0.985609	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

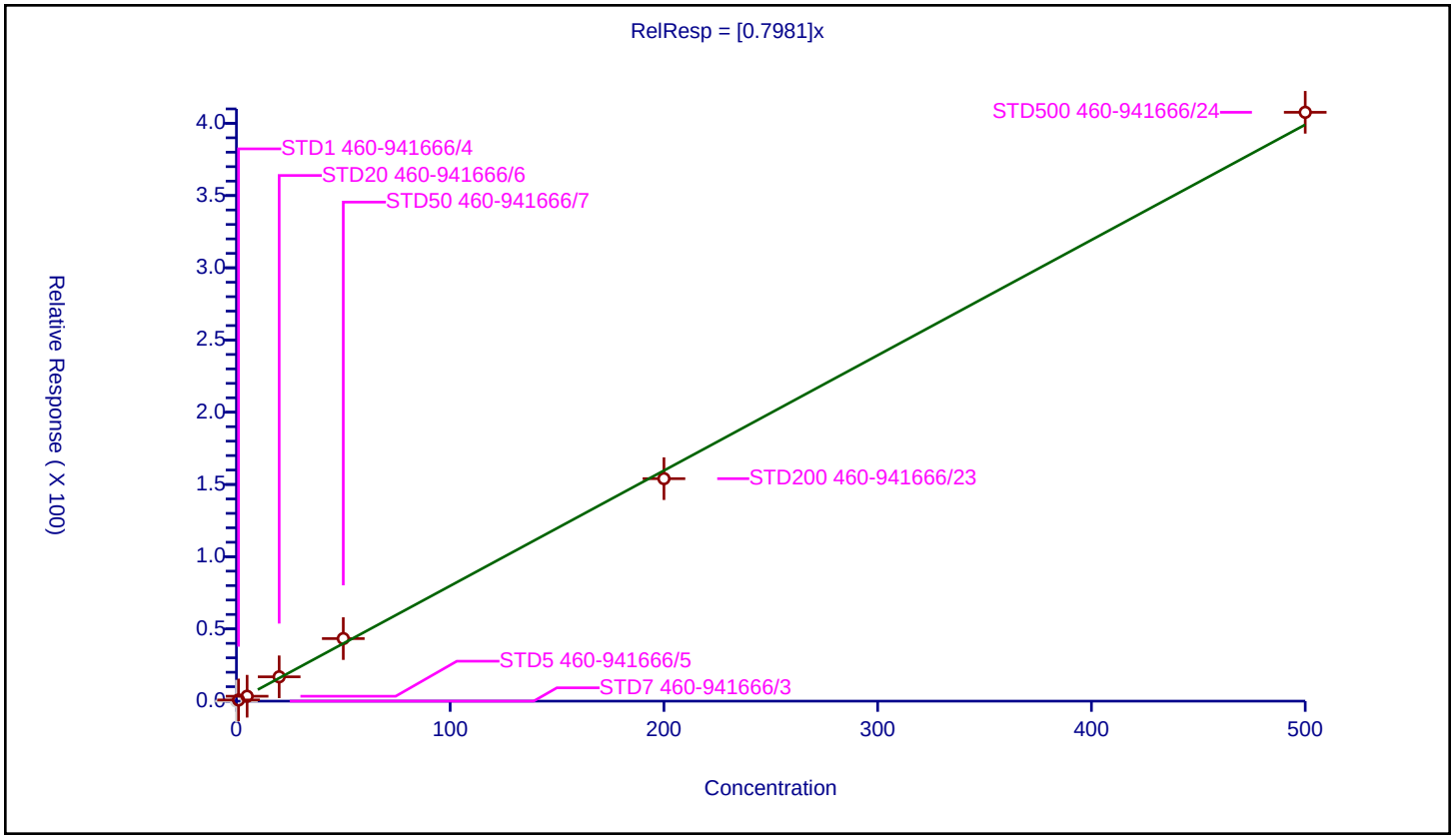
Curve Coefficients

Intercept:	0
Slope:	0.7981

Error Coefficients

Standard Error:	978000
Relative Standard Error:	8.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-941666/3	0.0	0.0	50.0	180753.0	NaN	N
2	STD1 460-941666/4	1.0	0.81521	50.0	189399.0	0.81521	Y
3	STD5 460-941666/5	5.0	3.400232	50.0	202295.0	0.680046	Y
4	STD20 460-941666/6	20.0	16.841611	50.0	199206.0	0.842081	Y
5	STD50 460-941666/7	50.0	43.299696	50.0	194424.0	0.865994	Y
6	STD200 460-941666/23	200.0	154.01912	50.0	218518.0	0.770096	Y
7	STD500 460-941666/24	500.0	407.634681	50.0	254156.0	0.815269	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-933881/3	P198034.D
Level 2	STD1 460-933881/4	P198035.D
Level 3	STD5 460-933881/20	P198051.D
Level 4	STD20 460-933881/6	P198037.D
Level 5	STD50 460-933881/7	P198038.D
Level 6	STD200 460-933881/8	P198039.D
Level 7	STD500 460-933881/9	P198040.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0433	0.0427 0.0472	0.0561	0.0522	0.0537	Ave		0.0492				11.4		20.0			
Dichlorodifluoromethane	+++++ 0.3334	0.2776 0.3570	0.3495	0.3014	0.3242	Ave		0.3238			0.1000	9.2		20.0			
Chlorodifluoromethane	+++++ 0.4825	0.6668 0.4978	0.5525	0.5440	0.5481	Ave		0.5486				11.8		20.0			
Vinyl chloride	+++++ 0.3503	0.4103 0.3621	0.3329	0.3299	0.3477	Ave		0.3555			0.1000	8.3		20.0			
Chloromethane	+++++ 0.5174	0.5865 0.5375	0.4693	0.4780	0.5083	Ave		0.5162			0.1000	8.3		20.0			
Butadiene	0.3557 0.3472	0.3436 0.3606	0.3109	0.3400	0.3405	Ave		0.3426				4.7		20.0			
Bromomethane	+++++ 13.733	11.976 +++++	9.1635	11.651	12.580	Ave		11.821			0.1000	14.2		20.0			
Chloroethane	+++++ 0.2137	0.2473 0.2205	0.2028	0.2077	0.2190	Ave		0.2185			0.1000	7.2		20.0			
Pentane	+++++ 3.4344	5.3815 3.6921	4.7467	4.9370	5.0169	Ave		4.5348				17.3		20.0			
Trichlorofluoromethane	+++++ 0.3816	0.4081 0.3975	0.3862	0.3456	0.3808	Ave		0.3833			0.1000	5.5		20.0			
Dichlorofluoromethane	+++++ 0.4544	0.5252 0.4623	0.4743	0.4467	0.4671	Ave		0.4717				5.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3591	0.3917 0.3674	0.3499	0.3636	0.3827	Ave		0.3691				4.2		20.0			
Ethyl ether	+++++ 0.1707	0.2796 0.1728	0.1797	0.1644	0.1748	Lin2	0.1107	0.1668							0.9980		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.0909	0.1167 0.1038	0.0899	0.0936	0.0944	Ave		0.0982				10.5		20.0			
1,1-Dichloroethene	+++++ 0.1860	0.2416 0.1958	0.1827	0.1957	0.2105	Ave		0.2020			0.1000	10.7		20.0			
Ethanol	+++++ 0.0763	+++++ 0.0781	0.1072	0.1034	0.0944	Ave		0.0919				15.4		20.0			
Carbon disulfide	+++++ 0.6261	0.8916 0.6615	0.7218	0.7682	0.8158	Ave		0.7475			0.1000	13.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1929	0.1894 0.2093	0.2114	0.1996	0.2153	Ave		0.2030			0.1000	5.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3279	0.3631 0.3519	0.3168	0.3300	0.3292	Ave		0.3365				5.2		20.0			
Iodomethane	+++++ 0.2190	0.1476 0.2374	0.1332	0.1587	0.2010	QuaF		0.2043	0.0000663						1.0000		0.9900
Cyclopentene	+++++ 0.4744	0.5788 0.4820	0.4939	0.5139	0.5457	Ave		0.5148				7.9		20.0			
Acrolein	+++++ 2.1507	2.5768 2.1486	2.2753	2.2005	2.2191	Ave		2.2618				7.1		20.0			
3-Chloro-1-propene	+++++ 0.1309	0.1642 0.1310	0.1347	0.1365	0.1444	Ave		0.1403				9.1		20.0			
Isopropyl alcohol	+++++ 0.7922	1.0891 0.7431	0.8086	0.8537	0.8357	Ave		0.8537				14.2		20.0			
Methylene Chloride	+++++ 0.2308	0.2889 0.2326	0.2411	0.2315	0.2395	Ave		0.2441			0.1000	9.2		20.0			
Acetone	+++++ 0.6613	0.8545 0.7092	0.6319	0.6529	0.6566	Ave		0.6944			0.0500	11.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.2128	0.2509 0.2215	0.2171	0.2292	0.2386	Ave		0.2284			0.1000	6.3		20.0			
Methyl acetate	+++++ 1.9950	3.0419 2.0785	2.3359	2.1810	2.2037	Ave		2.3060			0.1000	16.4		20.0			
Hexane	+++++ 0.0402	0.0638 0.0410	0.0555	0.0494	0.0506	Ave		0.0501				17.8		20.0			
Methyl tert-butyl ether	+++++ 0.5516	0.5711 0.5338	0.5359	0.5109	0.5340	Ave		0.5395			0.1000	3.7		20.0			
2-Methyl-2-propanol	+++++ 0.9577	1.4402 0.9666	0.9556	0.9178	0.9495	Ave		1.0312				19.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	+++++ 1.7234	2.3214 1.7294	1.8957	1.8441	1.8169	Ave		1.8885				11.8		20.0			
Isopropyl ether	+++++ 0.8801	0.8986 0.8765	0.8196	0.8368	0.8678	Ave		0.8632				3.4		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2123	0.2366 0.2164	0.2069	0.2093	0.2206	Ave		0.2170				5.0		20.0			
1,1-Dichloroethane	+++++ 0.4737	0.5165 0.4941	0.4587	0.4738	0.4913	Ave		0.4847			0.2000	4.2		20.0			
Acrylonitrile	0.0799 0.0595	0.0544 0.0581	0.0588	0.0542	0.0531	Ave		0.0597				15.5		20.0			
Vinyl acetate	+++++ 0.2662	0.2968 0.2437	0.2901	0.2560	0.2433	Ave		0.2660				8.6		20.0			
Tert-butyl ethyl ether	+++++ 0.7263	0.7687 0.7161	0.6664	0.6669	0.6983	Ave		0.7071				5.5		20.0			
cis-1,2-Dichloroethene	+++++ 0.2408	0.2805 0.2453	0.2392	0.2404	0.2496	Ave		0.2493			0.1000	6.3		20.0			
2,2-Dichloropropane	+++++ 0.0634	0.0775 0.0637	0.0749	0.0642	0.0678	Ave		0.0686				9.0		20.0			
Chlorobromomethane	+++++ 0.0993	0.1089 0.0958	0.0989	0.0920	0.0989	Ave		0.0990				5.7		20.0			
Cyclohexane	+++++ 0.3797	0.4014 0.4041	0.4295	0.4264	0.4543	Ave		0.4159			0.1000	6.3		20.0			
Chloroform	+++++ 0.4157	0.4312 0.4238	0.4142	0.3977	0.4206	Ave		0.4172			0.2000	2.7		20.0			
Ethyl acetate	+++++ 0.2360	0.3878 0.2512	0.2414	0.2289	0.2477	Lin2	0.2985	0.2337							0.9960		0.9900
Methyl acrylate	+++++ 0.1394	0.1469 0.1374	0.1427	0.1208	0.1276	Ave		0.1358				7.2		20.0			
Carbon tetrachloride	+++++ 0.2920	0.3469 0.2989	0.2788	0.2903	0.3087	Ave		0.3026			0.1000	7.9		20.0			
Tetrahydrofuran	+++++ 0.9142	1.3901 0.9663	0.8431	0.9261	0.9292	Ave		0.9948				19.9		20.0			
1,1,1-Trichloroethane	+++++ 0.3478	0.4288 0.3603	0.3551	0.3457	0.3731	Ave		0.3685			0.1000	8.5		20.0			
Methyl Ethyl Ketone	+++++ 0.2688	0.3590 0.2828	0.2629	0.2600	0.2660	Ave		0.2832			0.0500	13.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	+++++ 0.1019	0.1336 0.1045	0.1092	0.1077	0.1137	Ave		0.1118				10.2		20.0			
Isooctane	+++++ 0.5069	0.5107 0.5059	0.5363	0.5211	0.5576	Ave		0.5231				3.9		20.0			
n-Heptane	+++++ 0.1100	0.1207 0.1132	0.1208	0.1302	0.1363	Ave		0.1219				8.2		20.0			
Benzene	+++++ 1.2564	1.4764 1.3198	1.2773	1.3394	1.3720	Ave		1.3402			0.5000	5.9		20.0			
Propionitrile	+++++ 1.8784	2.2648 1.9107	1.8263	1.9041	1.9004	Ave		1.9475				8.1		20.0			
Methacrylonitrile	+++++ 0.0645	0.0579 0.0628	0.0598	0.0548	0.0591	Ave		0.0598				5.8		20.0			
Tert-amyl methyl ether	+++++ 0.5793	0.5943 0.5664	0.5603	0.5287	0.5558	Ave		0.5641				3.9		20.0			
1,2-Dichloroethane	+++++ 0.2984	0.3319 0.2985	0.3176	0.2789	0.2937	Ave		0.3032			0.1000	6.2		20.0			
Isobutyl alcohol	+++++ 0.5457	0.6407 0.5601	0.4712	0.5498	0.5511	Ave		0.5531				9.7		20.0			
Isopropyl acetate	+++++ 0.3297	0.2928 0.3166	0.3020	0.2994	0.3089	Ave		0.3082				4.3		20.0			
Methylcyclohexane	+++++ 0.3071	0.3318 0.3254	0.3553	0.3422	0.3633	Ave		0.3375			0.1000	6.1		20.0			
Trichloroethene	+++++ 0.2395	0.2708 0.2461	0.2489	0.2417	0.2516	Ave		0.2498			0.2000	4.5		20.0			
n-Butanol	+++++ 0.3207	+++++ 0.3210	0.2172	0.3049	0.3024	Ave		0.2932				14.8		20.0			
Dibromomethane	+++++ 0.1143	0.1222 0.1133	0.1151	0.1043	0.1108	Ave		0.1133				5.2		20.0			
1,2-Dichloropropane	+++++ 0.2638	0.2857 0.2695	0.2532	0.2536	0.2663	Ave		0.2653			0.1000	4.5		20.0			
Ethyl acrylate	+++++ 0.2080	0.2040 0.2017	0.1935	0.1886	0.1934	Ave		0.1982				3.8		20.0			
Bromodichloromethane	+++++ 0.3167	0.3255 0.3191	0.2968	0.2915	0.3083	Ave		0.3096			0.2000	4.3		20.0			
Methyl methacrylate	+++++ 0.0389	0.0380 0.0379	0.0362	0.0360	0.0365	Ave		0.0373				3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 0.9991	0.9135 0.9940	1.0629	0.9697	0.9588	Ave		0.9830				5.1		20.0			
n-Propyl acetate	+++++ 0.2283	0.1735 0.2195	0.2076	0.2014	0.2139	Ave		0.2074				9.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0762	0.0720 0.0774	0.0648	0.0642	0.0711	Ave		0.0709				7.8		20.0			
cis-1,3-Dichloropropene	+++++ 0.5301	0.5835 0.5458	0.4977	0.5200	0.5422	Ave		0.5366			0.2000	5.4		20.0			
Toluene	+++++ 1.2992	1.6848 1.3613	1.3284	1.4001	1.4227	Ave		1.4161			0.4000	9.8		20.0			
Epichlorohydrin	0.1882 0.1330	0.1015 0.1450	0.1011	0.1003	0.1162	QuaF		0.1229	0.0000022						1.0000		0.9900
2-Nitropropane	+++++ 0.0449	0.0682 0.0427	0.0456	0.0381	0.0395	Lin2	0.0544	0.0407							0.9950		0.9900
Tetrachloroethene	+++++ 0.2706	0.3733 0.2845	0.2869	0.2933	0.3048	Ave		0.3022			0.2000	12.1		20.0			
methyl isobutyl ketone	+++++ 2.3027	2.3506 2.4176	2.0701	2.2653	2.2849	Ave		2.2819			0.0500	5.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4540	0.4686 0.4632	0.4334	0.4220	0.4464	Ave		0.4479			0.1000	4.0		20.0			
1,1,2-Trichloroethane	+++++ 0.1870	0.1921 0.1883	0.1937	0.1729	0.1806	Ave		0.1858			0.1000	4.2		20.0			
Ethyl methacrylate	+++++ 0.2194	0.1820 0.2199	0.1983	0.2013	0.2133	Ave		0.2057				7.2		20.0			
Dibromochloromethane	+++++ 0.2569	0.2730 0.2593	0.2256	0.2296	0.2426	Ave		0.2478			0.1000	7.4		20.0			
1,3-Dichloropropane	+++++ 0.4080	0.4219 0.4115	0.4112	0.3889	0.3974	Ave		0.4065				2.9		20.0			
Ethylene Dibromide	+++++ 0.2014	0.2181 0.2004	0.2059	0.1910	0.1952	Ave		0.2020			0.1000	4.7		20.0			
n-Butyl acetate	+++++ 0.3484	0.3422 0.3562	0.3085	0.3208	0.3362	Ave		0.3354				5.3		20.0			
2-Hexanone	+++++ 1.5980	1.5847 1.6785	1.4918	1.5359	1.5323	Ave		1.5702			0.0500	4.2		20.0			
Chlorobenzene	+++++ 0.8140	0.9407 0.8467	0.8065	0.8326	0.8550	Ave		0.8492			0.5000	5.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4478	0.5219 0.4772	0.4424	0.4603	0.4792	Ave		0.4715			0.1000	6.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2859	0.2838 0.2988	0.2622	0.2721	0.2808	Ave		0.2806				4.5		20.0			
m-Xylene & p-Xylene	+++++ 0.5505	0.6218 0.5807	0.5398	0.5729	0.5864	Ave		0.5754			0.1000	5.0		20.0			
o-Xylene	+++++ 0.5403	0.6342 0.5694	0.5257	0.5464	0.5701	Ave		0.5644			0.3000	6.8		20.0			
Bromoform	+++++ 0.1448	0.1554 0.1473	0.1251	0.1247	0.1307	Ave		0.1380			0.1000	9.3		20.0			
Styrene	+++++ 0.9111	1.0058 0.9571	0.8654	0.8968	0.9323	Ave		0.9281			0.3000	5.3		20.0			
n-Butyl acrylate	+++++ 0.1795	0.1993 0.1792	0.1538	0.1539	0.1630	Ave		0.1715				10.4		20.0			
Isopropylbenzene	+++++ 1.3706	1.6130 1.4280	1.3582	1.4099	1.4644	Ave		1.4407			0.1000	6.4		20.0			
Amyl acetate (mixed isomers)	+++++ 0.9155	0.8932 0.9303	0.7782	0.8333	0.8625	Ave		0.8689				6.5		20.0			
Bromobenzene	+++++ 0.6277	0.7310 0.6573	0.6343	0.6236	0.6554	Ave		0.6549				6.1		20.0			
N-Propylbenzene	+++++ 3.2934	3.9096 3.4834	3.2240	3.5589	3.6351	Ave		3.5174				7.0		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4146	0.4334 0.4267	0.4192	0.3834	0.3920	Ave		0.4116			0.3000	4.8		20.0			
2-Chlorotoluene	+++++ 2.3439	2.6187 2.5539	2.2402	2.4100	2.4622	Ave		2.4381				5.7		20.0			
4-Ethyltoluene	+++++ 2.8102	3.0930 2.9981	2.6676	2.8528	2.9306	Ave		2.8920				5.2		20.0			
1,2,3-Trichloropropane	+++++ 0.1221	0.1380 0.1246	0.1334	0.1162	0.1195	Ave		0.1256				6.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.2705	2.7124 2.4049	2.2189	2.3918	2.4360	Ave		2.4057				7.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1628	0.2581 0.1696	0.1907	0.1643	0.1644	Lin2	0.0943	0.1649							0.9990		0.9900
4-Chlorotoluene	+++++ 2.0963	2.3781 2.2056	2.0589	2.1687	2.2278	Ave		2.1892				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	+++++ 1.8348	2.2537 1.9328	1.8130	1.9674	2.0051	Ave		1.9678				8.1		20.0			
Butyl Methacrylate	+++++ 0.7837	0.7621 0.8143	0.6391	0.6987	0.7439	Ave		0.7403				8.5		20.0			
1,2,4-Trimethylbenzene	+++++ 2.3620	2.7045 2.5035	2.2814	2.5053	2.5541	Ave		2.4851				6.0		20.0			
sec-Butylbenzene	+++++ 2.6260	3.1042 2.7104	2.6032	2.8093	2.8684	Ave		2.7869				6.7		20.0			
1,3-Dichlorobenzene	+++++ 1.1854	1.3009 1.2455	1.1913	1.2023	1.2425	Ave		1.2280			0.6000	3.6		20.0			
4-Isopropyltoluene	+++++ 2.2948	2.6519 2.4150	2.1514	2.3934	2.4848	Ave		2.3986				7.1		20.0			
1,4-Dichlorobenzene	+++++ 1.1797	1.3772 1.2236	1.2072	1.2044	1.2443	Ave		1.2394			0.5000	5.7		20.0			
1,2,3-Trimethylbenzene	+++++ 2.4530	2.6090 2.5257	2.3549	2.4651	2.5358	Ave		2.4906				3.5		20.0			
Indan	+++++ 2.2037	2.3500 2.2221	2.1101	2.1608	2.2404	Ave		2.2145				3.7		20.0			
Benzyl chloride	+++++ 0.1846	0.1616 0.1826	0.1691	0.1637	0.1760	Ave		0.1729				5.6		20.0			
p-Diethylbenzene	+++++ 1.3732	1.5240 1.4025	1.2564	1.3927	1.4371	Ave		1.3977				6.2		20.0			
n-Butylbenzene	+++++ 2.0025	2.4283 2.0468	1.9769	2.1525	2.2119	Ave		2.1365				7.9		20.0			
1,2-Dichlorobenzene	+++++ 1.0359	1.1520 1.0555	1.0256	1.0299	1.0706	Ave		1.0616			0.4000	4.5		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.0167	2.1664 2.0156	1.9043	2.0452	2.1141	Ave		2.0437				4.4		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0667	0.0614 0.0675	0.0584	0.0567	0.0645	Ave		0.0625			0.0500	7.1		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7112	0.8196 0.6977	0.7420	0.7309	0.7491	Ave		0.7417				5.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.4787	0.5576 0.4551	0.5264	0.4870	0.5192	Ave		0.5040			0.2000	7.4		20.0			
Hexachlorobutadiene	+++++ 0.2008	0.2538 0.1984	0.2345	0.2182	0.2238	Ave		0.2216				9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 0.7274	1.0582 0.6680	0.8624	0.6939	0.7894	Ave		0.7999				18.1		20.0			
2-Ethylhexyl acrylate	+++++ 0.7073	0.7228 0.6194	0.7286	0.7640	0.7946	Ave		0.7228				8.3		20.0			
1,2,3-Trichlorobenzene	+++++ 0.2609	0.3231 0.2332	0.3316	0.2642	0.2919	Ave		0.2842				13.5		20.0			
Dibromofluoromethane (Surr)	0.1773 0.1840	0.1781 0.1845	0.1788	0.1781	0.1768	Ave		0.1796				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2223 0.2183	0.2172 0.2288	0.2202	0.2057	0.2092	Ave		0.2174				3.6		20.0			
Toluene-d8 (Surr)	1.0467 1.0662	1.1135 1.0962	1.0471	1.1344	1.0892	Ave		1.0848				3.1		20.0			
4-Bromofluorobenzene	0.3294 0.3258	0.3332 0.3264	0.3380	0.3296	0.3290	Ave		0.3302				1.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-933881/3	P198034.D
Level 2	STD1 460-933881/4	P198035.D
Level 3	STD5 460-933881/20	P198051.D
Level 4	STD20 460-933881/6	P198037.D
Level 5	STD50 460-933881/7	P198038.D
Level 6	STD200 460-933881/8	P198039.D
Level 7	STD500 460-933881/9	P198040.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 131855	544 368758	3393	15631	39907	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 1015228	3537 2787147	21142	90245	241117	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 1469337	8495 3886768	33422	162895	407587	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 1066679	5228 2827279	20141	98781	258587	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1575556	7472 4196778	28391	143128	377988	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1120 1057172	4378 2815615	18807	101812	253170	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	TBAd9	Ave	+++++ 470939	1313 +++++	5749	31631	90220	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 650578	3151 1721961	12266	62206	162887	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd9	Ave	+++++ 235551	1180 631310	5956	26806	71962	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 1162049	5199 3103698	23365	103494	283203	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1383648	6691 3609455	28695	133758	347315	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 1093352	4991 2868707	21166	108868	284592	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Lin2	+++++ 519782	3562 1348946	10869	49226	130017	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 276874	1487 810256	5440	28023	70230	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 566239	3078 1528734	11050	58591	156554	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++	+++++	2690	11231	27086	+++++	+++++	200	800	2000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			104683	267122				8000	20000			
Carbon disulfide	FB	Ave	+++++ 1906464	11360 5165287	43667	230025	606687	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 587440	2413 1634386	12787	59773	160115	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 998463	4626 2747332	19162	98801	244787	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	QuaF	+++++ 666986	1881 1853681	8060	47531	149503	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1444443	7374 3763521	29880	153876	405825	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 73752	1130 146954	5710	11948	31830	+++++ 200	4.00 400	20.0	40.0	100
3-Chloro-1-propene	FB	Ave	+++++ 398469	2092 1023001	8148	40868	107403	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 271668	1194 635327	5073	23176	59939	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 702848	3681 1816154	14584	69313	178122	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 679699	3278 1760857	12835	58303	150719	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 648117	3197 1729699	13131	68636	177408	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 136829	667 355409	2931	11842	31609	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	+++++ 122284	813 320138	3356	14804	37641	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1679739	7276 4167837	32420	152990	397068	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 328423	1579 826365	5995	24916	68098	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 590997	2545 1478554	11893	50065	130310	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2679873	11449 6843648	49583	250582	645311	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 646458	3014 1689346	12514	62668	164054	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1442550	6581 3858099	27748	141877	365373	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2012	6935	35580	162314	394507	2.00	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1810773	4535011				2000	5000			
Vinyl acetate	FB	Ave	+++++ 1621384	7562 3806015	35100	153301	361813	+++++ 400	2.00 1000	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	+++++ 2211614	9794 5591415	40317	199707	519279	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 733098	3574 1915288	14471	71990	185577	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 192954	987 497109	4534	19216	50389	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 302244	1388 748115	5982	27546	73551	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1156306	5114 3155427	25981	127688	337857	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1265815	5494 3309172	25060	119097	312766	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Lin2	+++++ 97013	595 249526	1961	8175	22744	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 424432	1872 1072538	8635	36175	94915	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 889261	4420 2334089	16866	86923	229527	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 375846	2133 959774	6850	33080	85314	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 1058930	5463 2813272	21479	103524	277468	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 276262	1377 702160	5340	23217	61057	+++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	+++++ 310436	1702 816338	6605	32236	84514	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++ 1543460	6507 3950047	32442	156025	414645	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 334816	1538 884042	7309	38972	101324	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2876324	13814 7555830	57902	291974	752739	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 644143	2483 1633554	11458	51694	136295	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 1962661	7374 4907125	36178	164191	439724	+++++ 2000	10.0 5000	50.0	200	500
Tert-amyl methyl ether	FB	Ave	+++++	7572	33893	158326	413345	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-292871-1 Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 Calibration End Date: 09/23/2023 13:58 Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1763927	4422210				200	500			
1,2-Dichloroethane	FB	Ave	+++++ 908668	4229 2330534	19216	83522	218384	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 467875	1756 1197070	7390	37318	98812	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 1003999	3730 2471710	18270	89647	229732	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 935125	4227 2541012	21493	102471	270124	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 729179	3450 1921983	15055	72366	187116	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 274939	+++++ 686062	3407	20691	54222	+++++ 5000	+++++ 12500	125	500	1250
Dibromomethane	FB	Ave	+++++ 348170	1557 884645	6965	31231	82391	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 803221	3640 2104123	15318	75940	198016	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 633396	2599 1574721	11707	56471	143798	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 964272	4147 2491330	17957	87273	229262	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 236972	969 591509	4382	21560	54268	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 82486	701 201508	1768	7527	18352	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 695313	2211 1713856	12561	60301	159041	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 232671	919 605958	3927	19263	52986	+++++ 200	1.00 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1213589	5460 3124598	22562	113362	297507	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZd5	Ave	+++++ 2974404	15764 7793727	60218	305204	780586	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	796 546976	1557 1440532	8212	35824	106708	5.00 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Lin2	+++++ 273138	1738 666773	5512	22791	58802	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZd5	Ave	+++++ 619575	3493 1628815	13008	63936	167228	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
methyl isobutyl ketone	BUT	Ave	+++++ 2366709	9017 6002965	42048	202300	524482	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1039365	4385 2651888	19649	92001	244895	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 428199	1797 1077923	8779	37696	99072	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 668179	2319 1717037	11998	60286	158591	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZd5	Ave	+++++ 588174	2554 1484650	10227	50050	133122	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 934000	3948 2355691	18642	84786	218036	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 461142	2041 1147440	9332	41632	107073	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZd5	Ave	+++++ 797708	3202 2039296	13983	69926	184474	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1642468	6079 4167770	30303	137164	351730	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZd5	Ave	+++++ 1863519	8802 4847328	36559	181496	469112	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 1025182	4883 2731782	20054	100348	262903	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 654461	2655 1710942	11885	59325	154063	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1260380	5818 3324800	24470	124885	321731	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1237033	5934 3260156	23829	119119	312812	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 331589	1454 843460	5671	27191	71725	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 2085780	9411 5479619	39231	195489	511525	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 411053	1865 1026000	6972	33557	89447	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 3137777	15092 8175256	61570	307349	803431	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 1066841	4163 2642974	18123	88744	234683	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 731450	3407 1867173	14771	66404	178313	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 3837893	18222 9895913	75082	378991	989072	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 483180	2020 1212212	9763	40829	106660	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 2731388	12205 7255367	52171	256645	669932	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 3274786	14416 8517107	62125	303797	797369	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 142293	643 353891	3107	12375	32518	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 2645825	12642 6831884	51674	254702	662793	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Lin2	+++++ 189702	1203 481749	4441	17492	44737	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 2442883	11084 6265666	47948	230951	606154	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 2138116	10504 5490837	42223	209511	545547	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 913274	3552 2313314	14883	74409	202393	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 2752453	12605 7112002	53130	266788	694930	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 3060189	14468 7699882	60625	299161	780443	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 1381341	6063 3538385	27743	128039	338068	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 2674197	12360 6860594	50103	254880	676085	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	6419	28115	128256	338570	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1374793	3475975				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 2858529	12160 7175234	54842	262511	689943	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 2568078	10953 6312684	49140	230104	609590	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 215170	753 518737	3938	17435	47897	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1600208	7103 3984442	29259	148308	391027	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 2333593	11318 5814745	46040	229219	601828	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 1207153	5369 2998550	23884	109676	291287	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 2350129	10097 5726074	44348	217793	575206	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 77716	286 191844	1359	6035	17553	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 828801	3820 1982144	17279	77830	203812	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 557847	2599 1292788	12259	51858	141277	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 233959	1183 563545	5462	23237	60896	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 847670	4932 1897819	20084	73899	214787	+++++ 200	1.00 500	5.00	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	+++++ 824260	3369 1759764	16967	81357	216196	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 304027	1506 662426	7722	28140	79430	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	111629 140074	113458 144027	108144	133293	131496	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	139997 166159	138370 178675	133224	153979	155556	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	491625 610254	520938 627561	474664	618210	597614	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	154726 186479	155875 186888	153212	179620	180497	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-292871-1 | Analy Batch No.: 933881

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 09/23/2023 03:34 | Calibration End Date: 09/23/2023 13:58 | Calibration ID: 94479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-933881/3	P198034.D
Level 2	STD1 460-933881/4	P198035.D
Level 3	STD5 460-933881/20	P198051.D
Level 4	STD20 460-933881/6	P198037.D
Level 5	STD50 460-933881/7	P198038.D
Level 6	STD200 460-933881/8	P198039.D
Level 7	STD500 460-933881/9	P198040.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	1.3						30				
Ethyl acetate	+++++	2.1						30				
2-Nitropropane	+++++	0.8						30				
trans-1,4-Dichloro-2-butene	+++++	-0.6						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Sep-2023 03:34:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0166364-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:29:53 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 07:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
175 Butadiene	54	1.160	1.167	-0.007	90	1120	0.2500	0.2596	M
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	99	135122	1000.0	1000.0	
39 Acrylonitrile	53	2.671	2.664	0.007	98	2012	2.00	2.68	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.381	-0.008	95	111629	50.0	49.3	
* 53 2-Butanone-d5	46	3.423	3.431	-0.008	100	211477	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	139997	50.0	51.1	
* 66 Fluorobenzene	96	4.061	4.054	0.007	97	629689	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	61	17459	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.665	5.658	0.007	98	491625	50.0	48.2	
84 Epichlorohydrin	57	5.737	5.730	0.007	50	796	5.00	7.65	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	469702	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	84	154726	50.0	49.9	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	240515	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

ACROLEIN W_00159	Amount Added:	0.00	Units: uL	
GASES Li_00549	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00176	Amount Added:	0.00	Units: uL	
524FREONS_00008	Amount Added:	0.00	Units: uL	
14DIOXINTER_00160	Amount Added:	0.00	Units: uL	
Ethanol mix_00081	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00140	Amount Added:	0.00	Units: uL	
MIX I Hi_00168	Amount Added:	0.00	Units: uL	
7 Freons Hi_00006	Amount Added:	0.00	Units: uL	
GAS Hi_00452	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00116	Amount Added:	20.00	Units: uL	
VMTBA500_00037	Amount Added:	2.00	Units: uL	
EthyhexAcr_Li_00004	Amount Added:	0.00	Units: uL	
EthyhexAcr_Hi_00003	Amount Added:	0.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

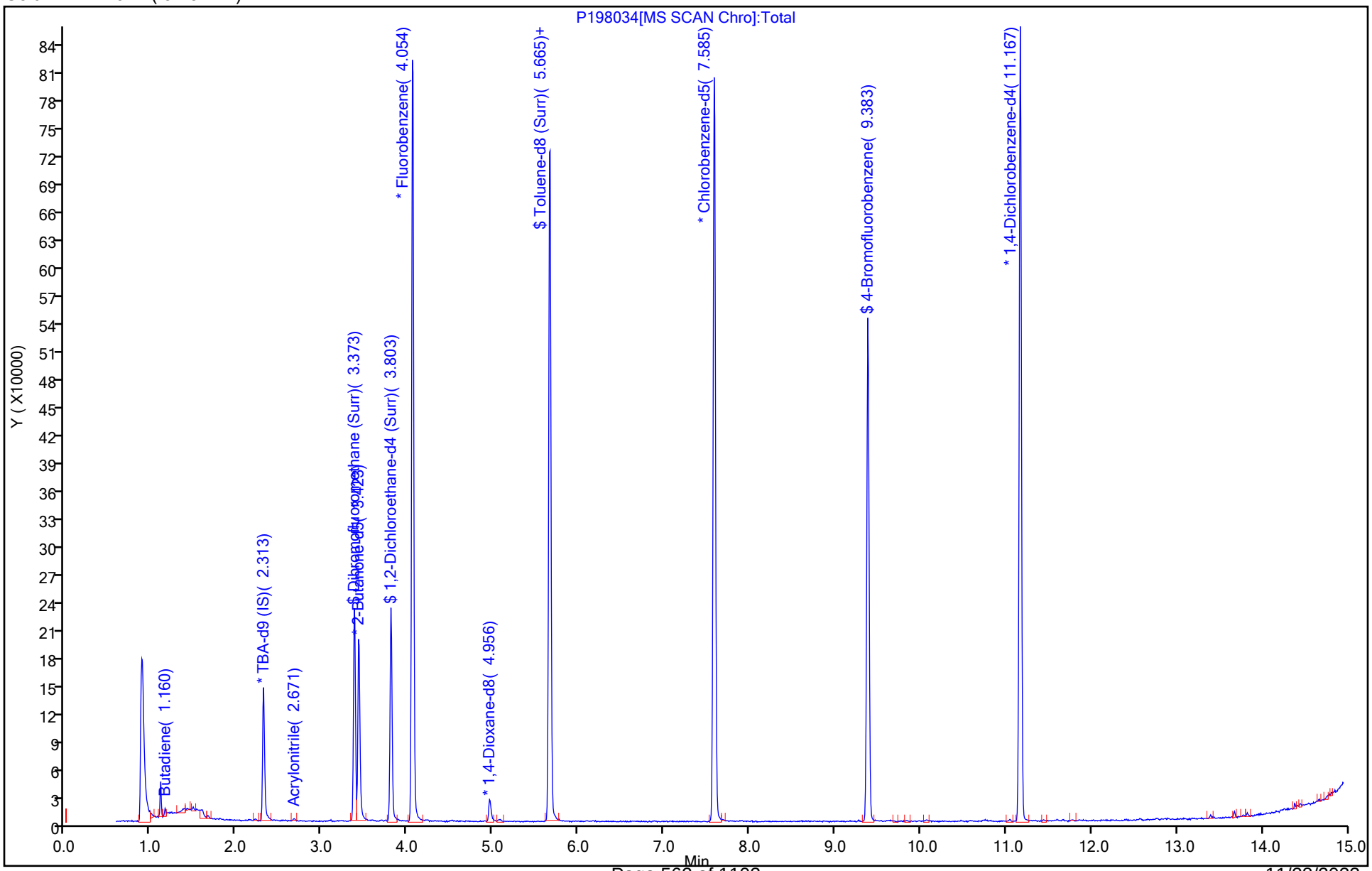
Report Date: 24-Sep-2023 09:29:56 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D

Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

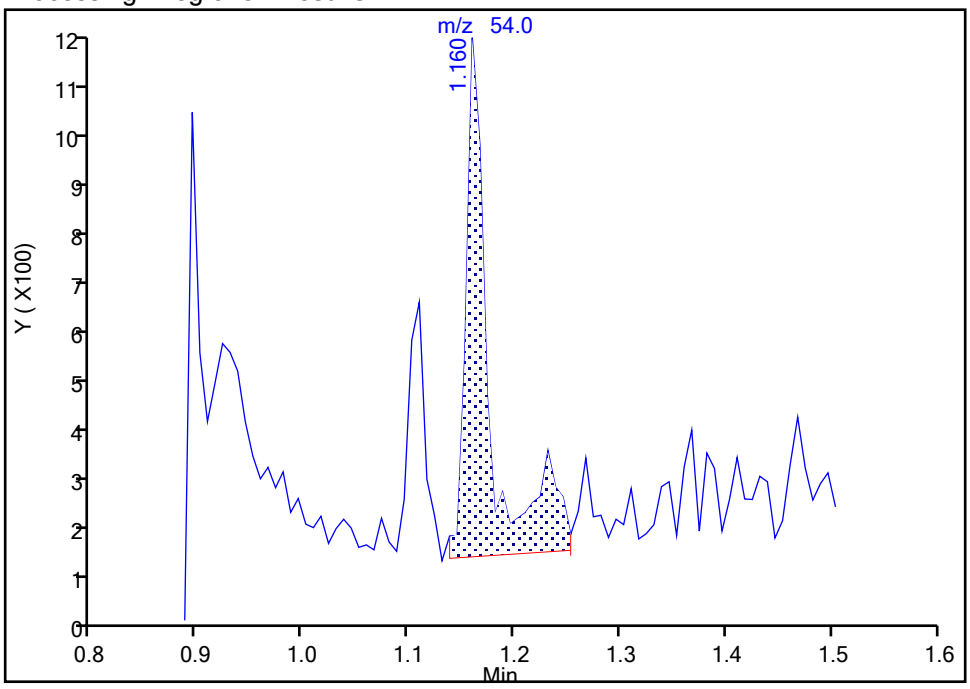
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

175 Butadiene, CAS: 106-99-0

Signal: 1

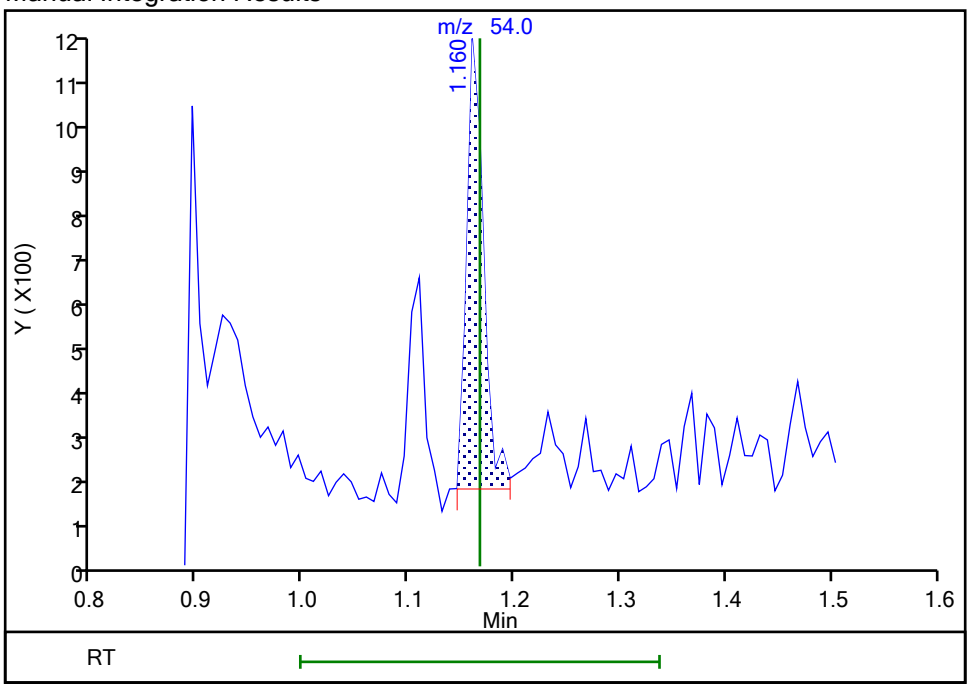
Processing Integration Results

RT: 1.16
Area: 1639
Amount: 0.302730
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 1120
Amount: 0.259551
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:08:24 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

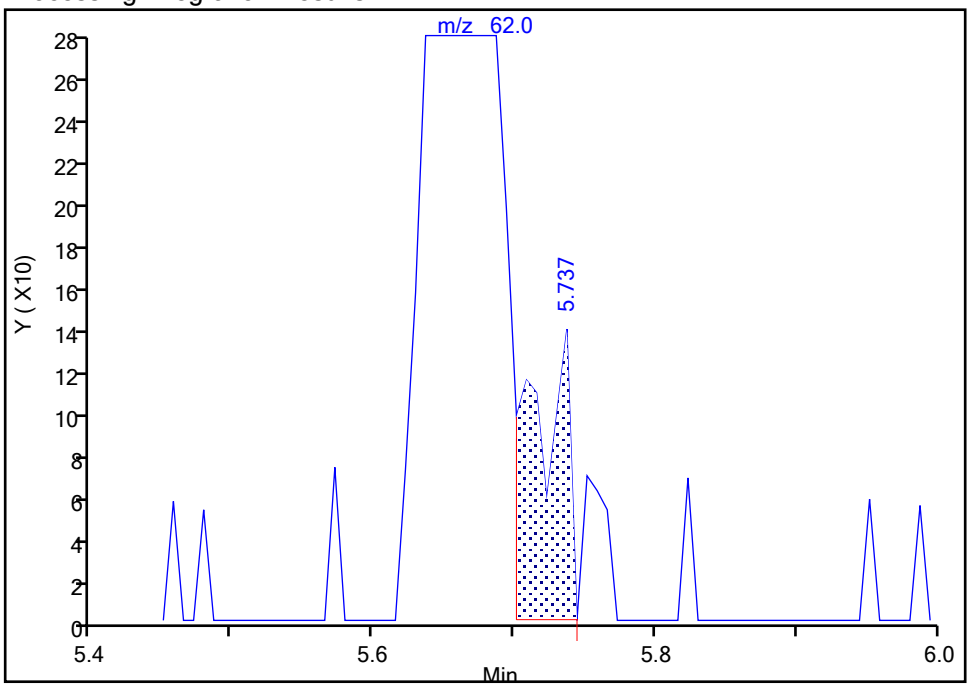
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 2

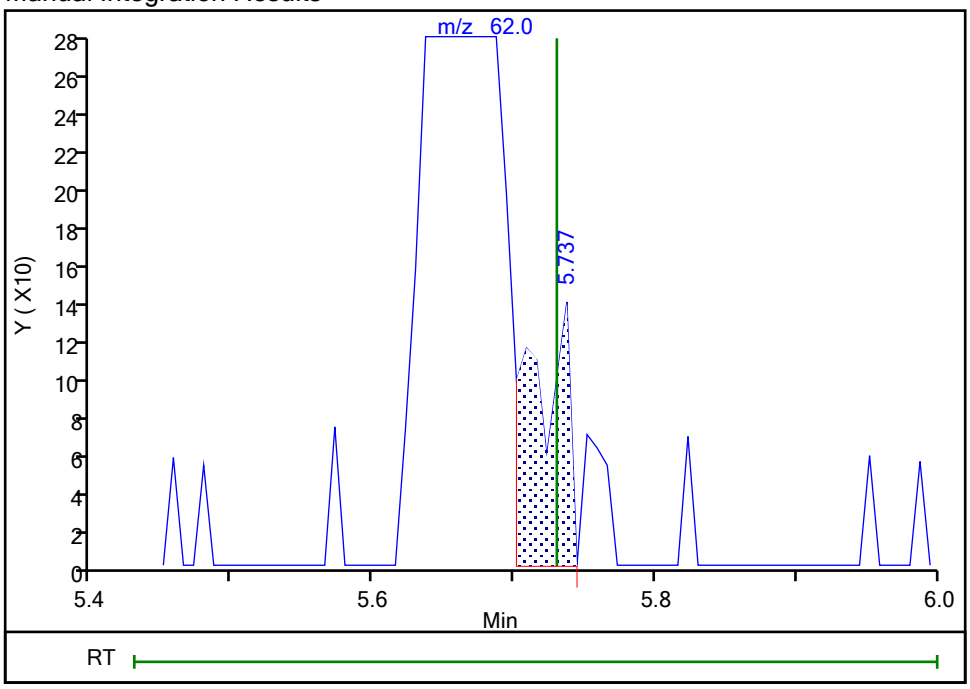
Processing Integration Results

RT: 5.74
Area: 261
Amount: 19.614189
Amount Units: ug/l



Manual Integration Results

RT: 5.74
Area: 261
Amount: 7.653293
Amount Units: ug/l



Reviewer: HVW2, 24-Sep-2023 06:35:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

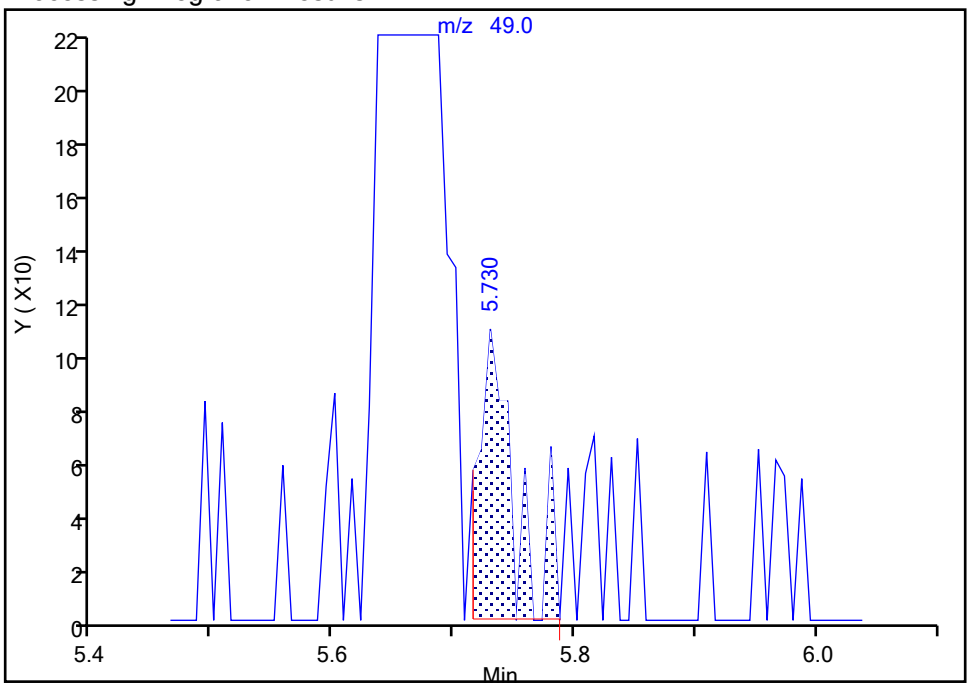
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 3

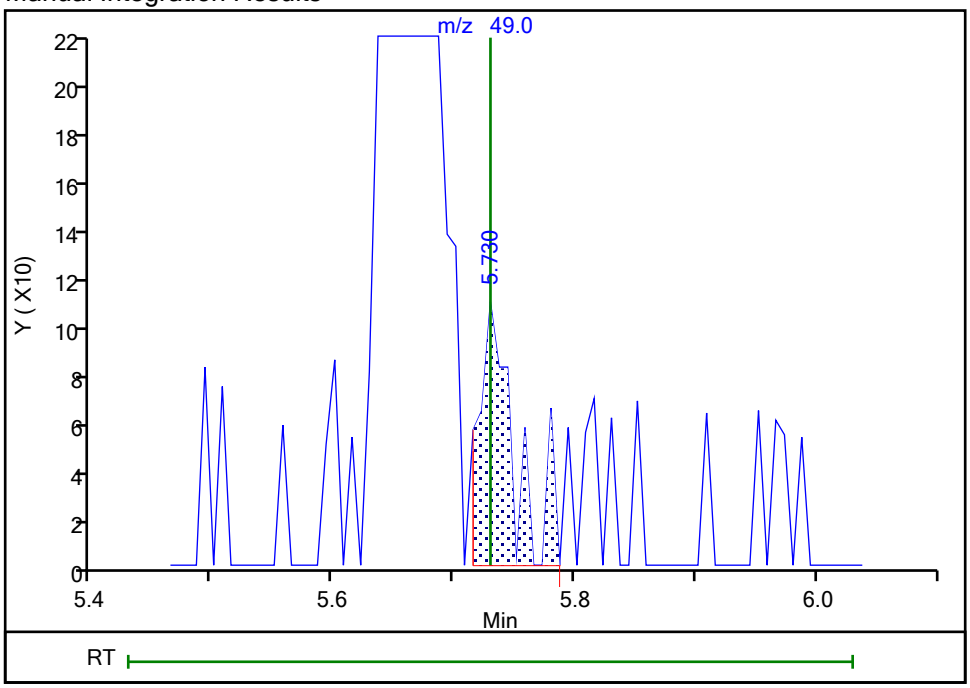
Processing Integration Results

RT: 5.73
Area: 221
Amount: 19.614189
Amount Units: ug/l



Manual Integration Results

RT: 5.73
Area: 221
Amount: 7.653293
Amount Units: ug/l



Reviewer: HVW2, 24-Sep-2023 06:35:32 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

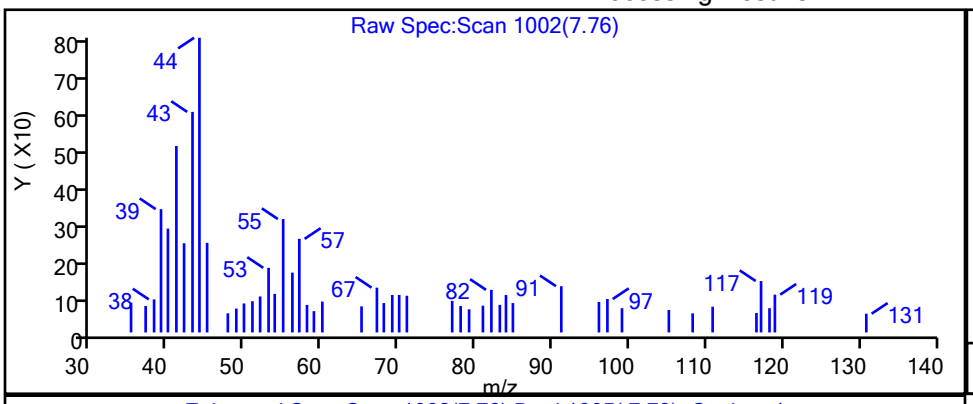
User Disabled Compound Report

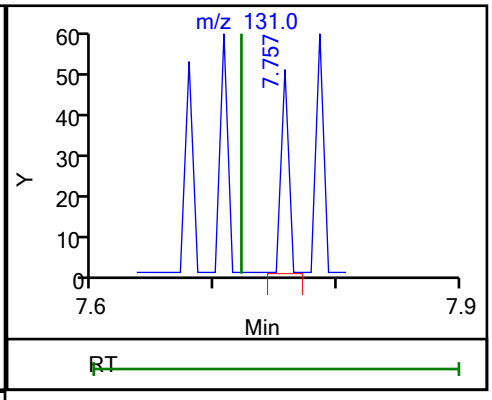
Eurofins Edison

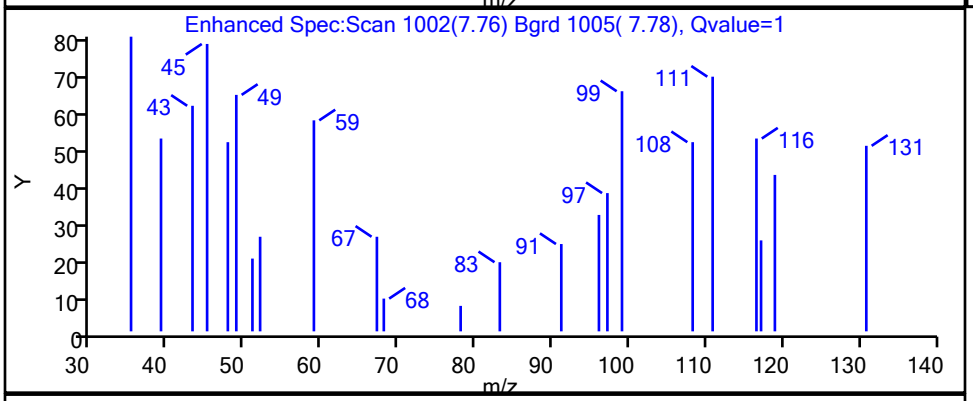
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

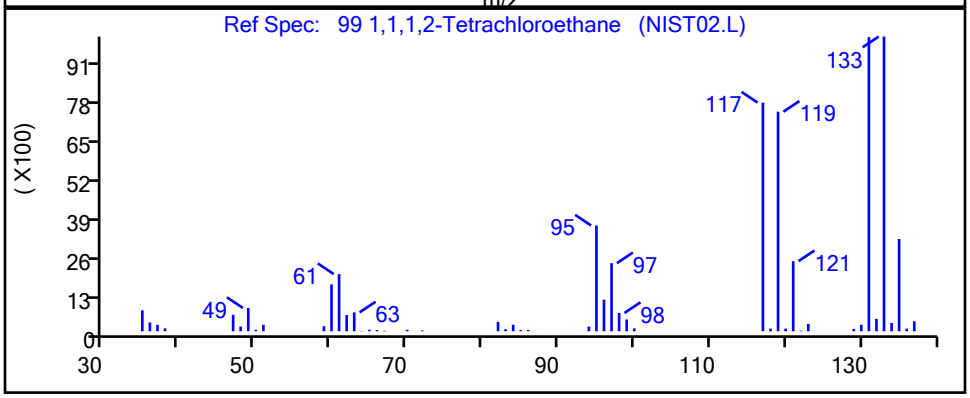
99 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
7.76	131.00	22	0.008223

Reviewer: HVW2, 24-Sep-2023 06:35:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

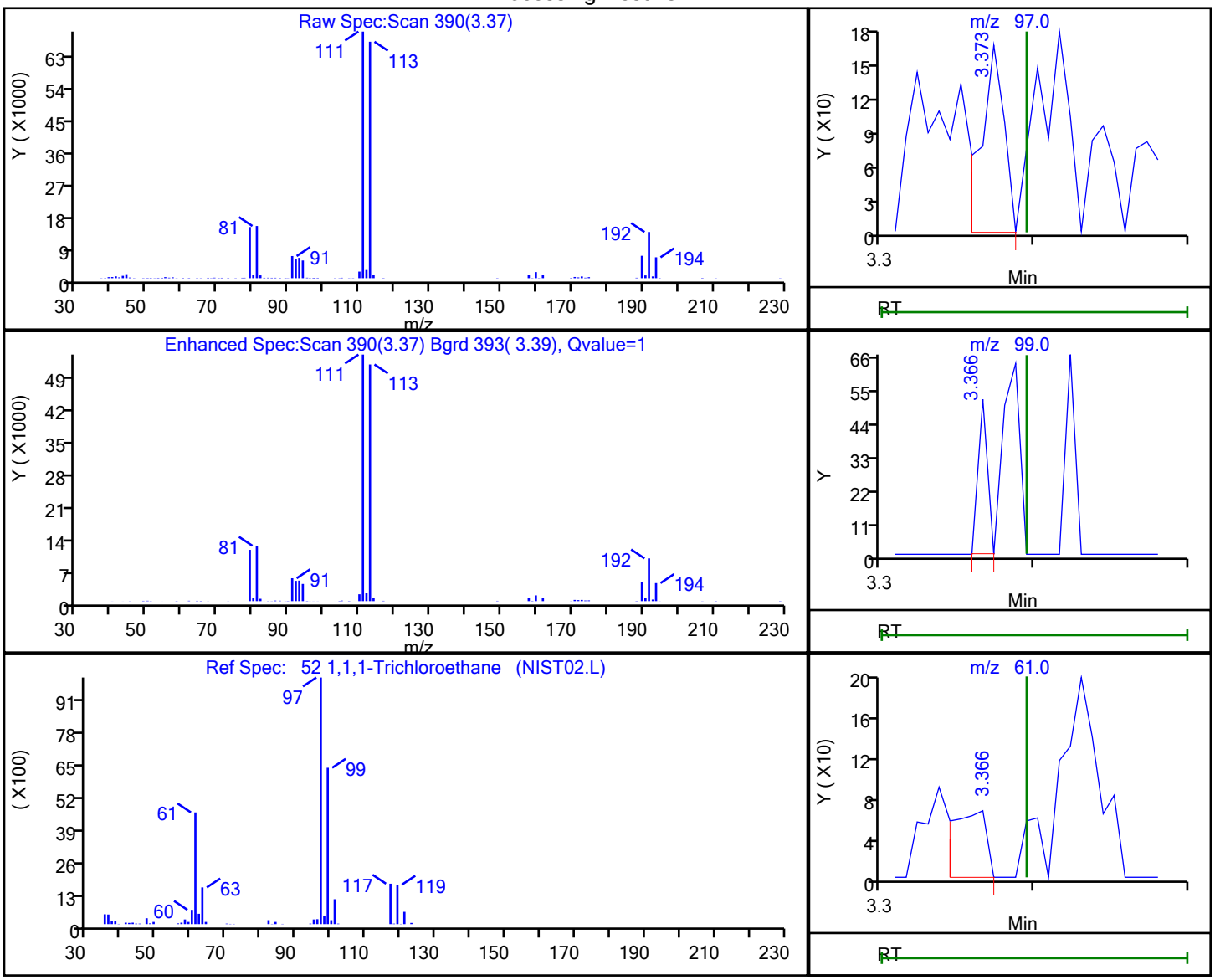
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.37	97.00	173	0.035379
3.37	99.00	22	
3.37	61.00	102	

Reviewer: HVW2, 24-Sep-2023 06:35:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

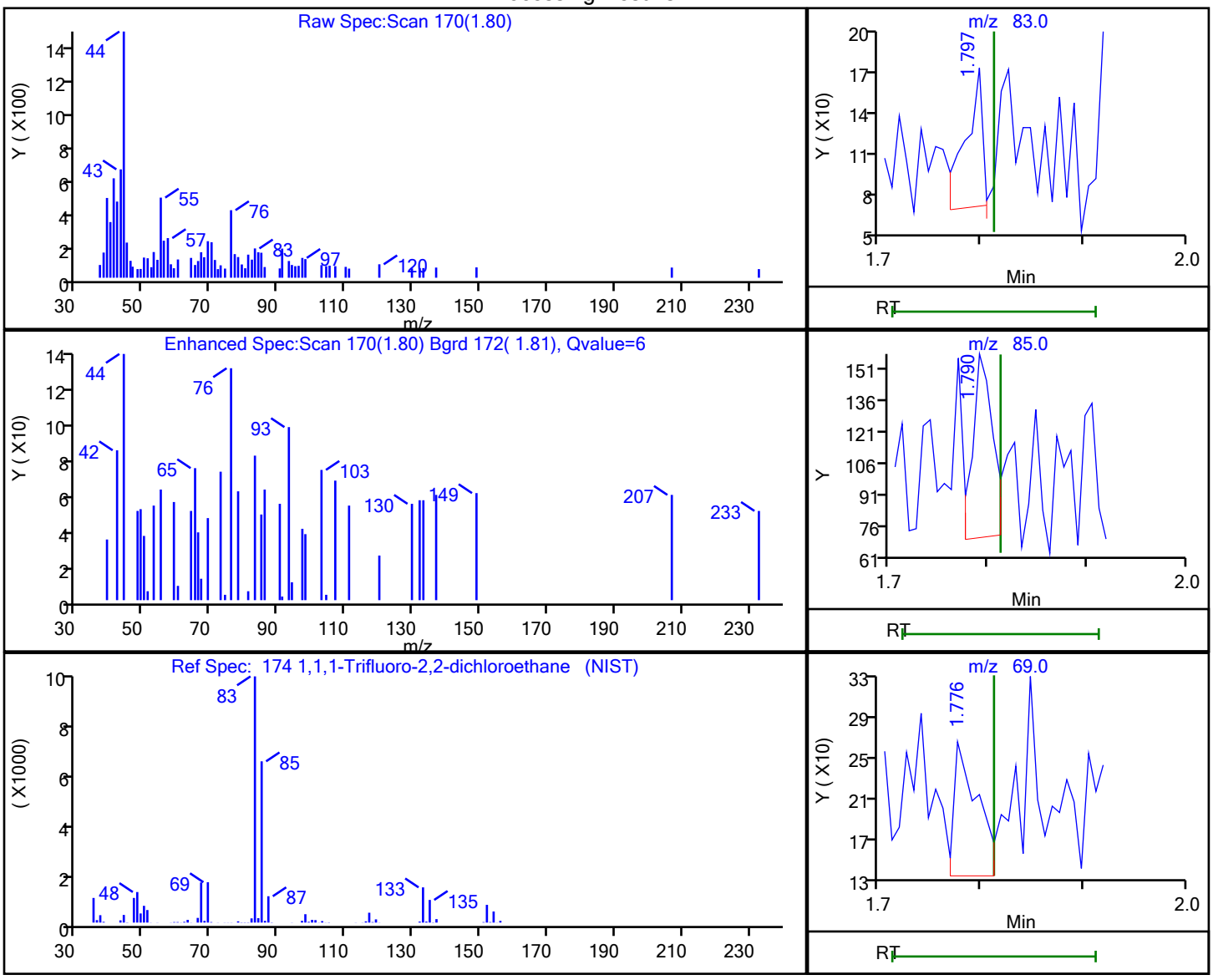
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

174 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
1.80	83.00	110	0.025281
1.79	85.00	129	
1.78	69.00	203	

Reviewer: HVW2, 24-Sep-2023 06:34:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

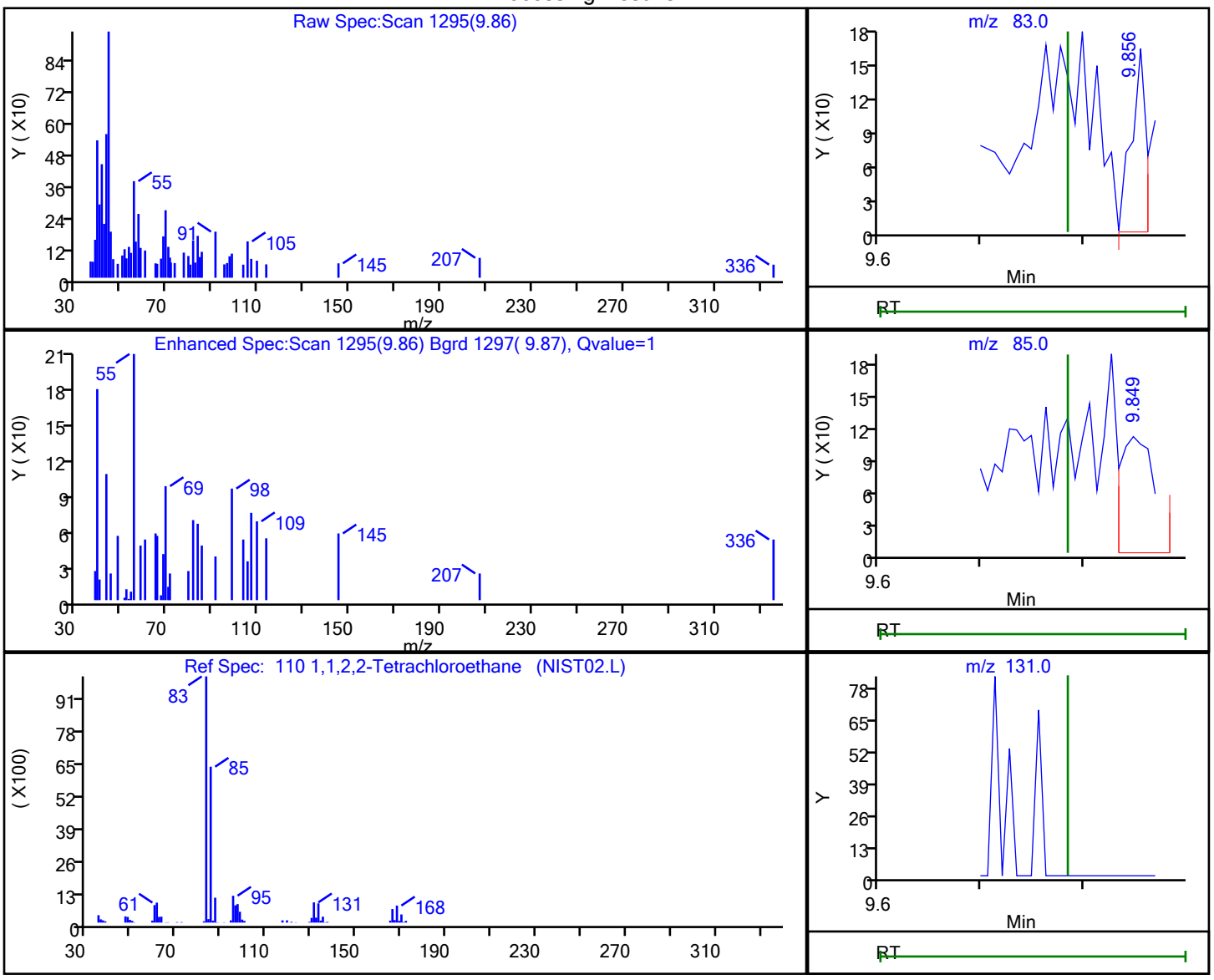
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

110 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.86	83.00	161	0.078935
9.85	85.00	262	
9.80	131.00	0	

Reviewer: HVW2, 24-Sep-2023 06:35:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

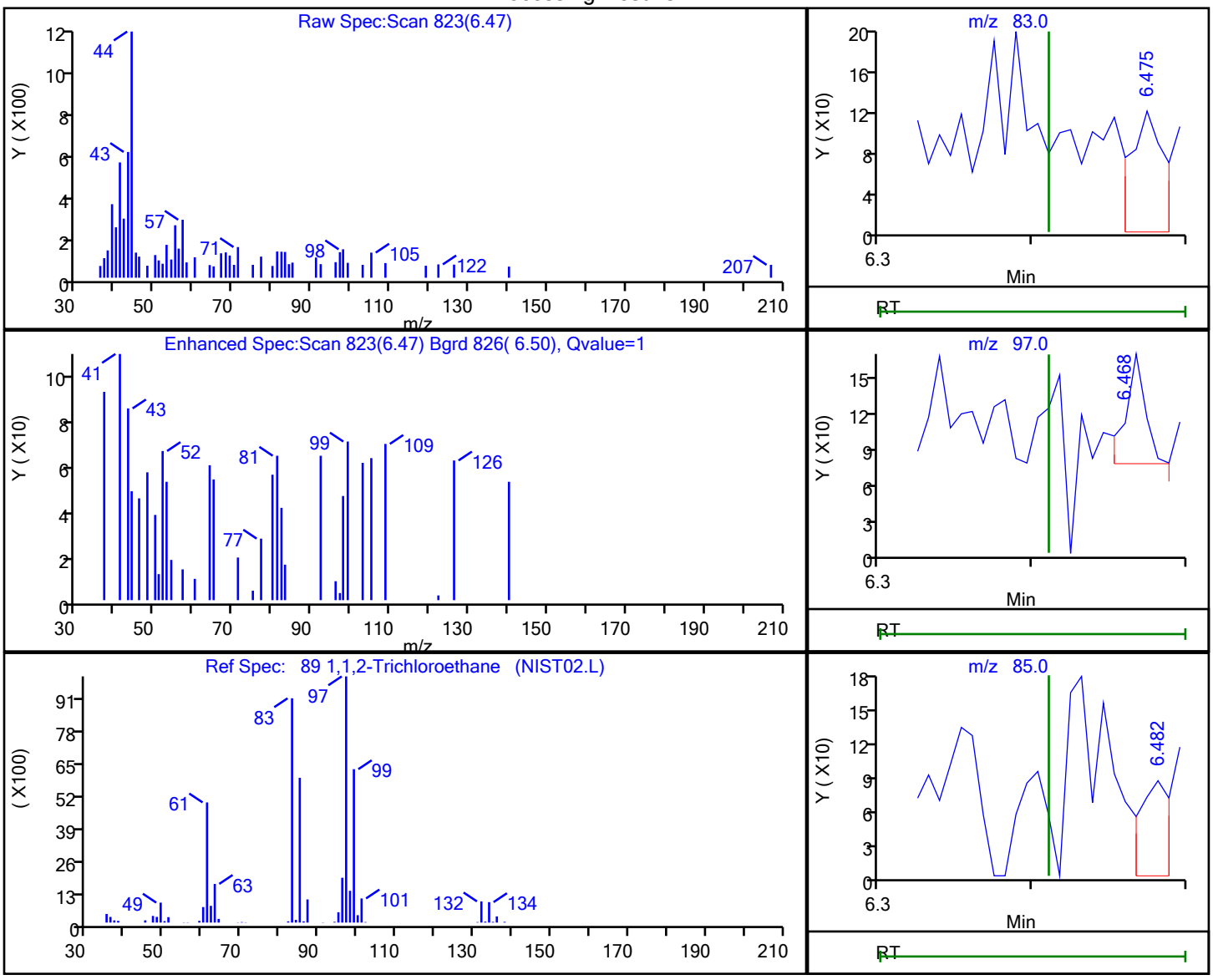
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

89 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.47	83.00	179	0.100528
6.47	97.00	83	
6.48	85.00	115	

Reviewer: HVW2, 24-Sep-2023 06:35:40 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

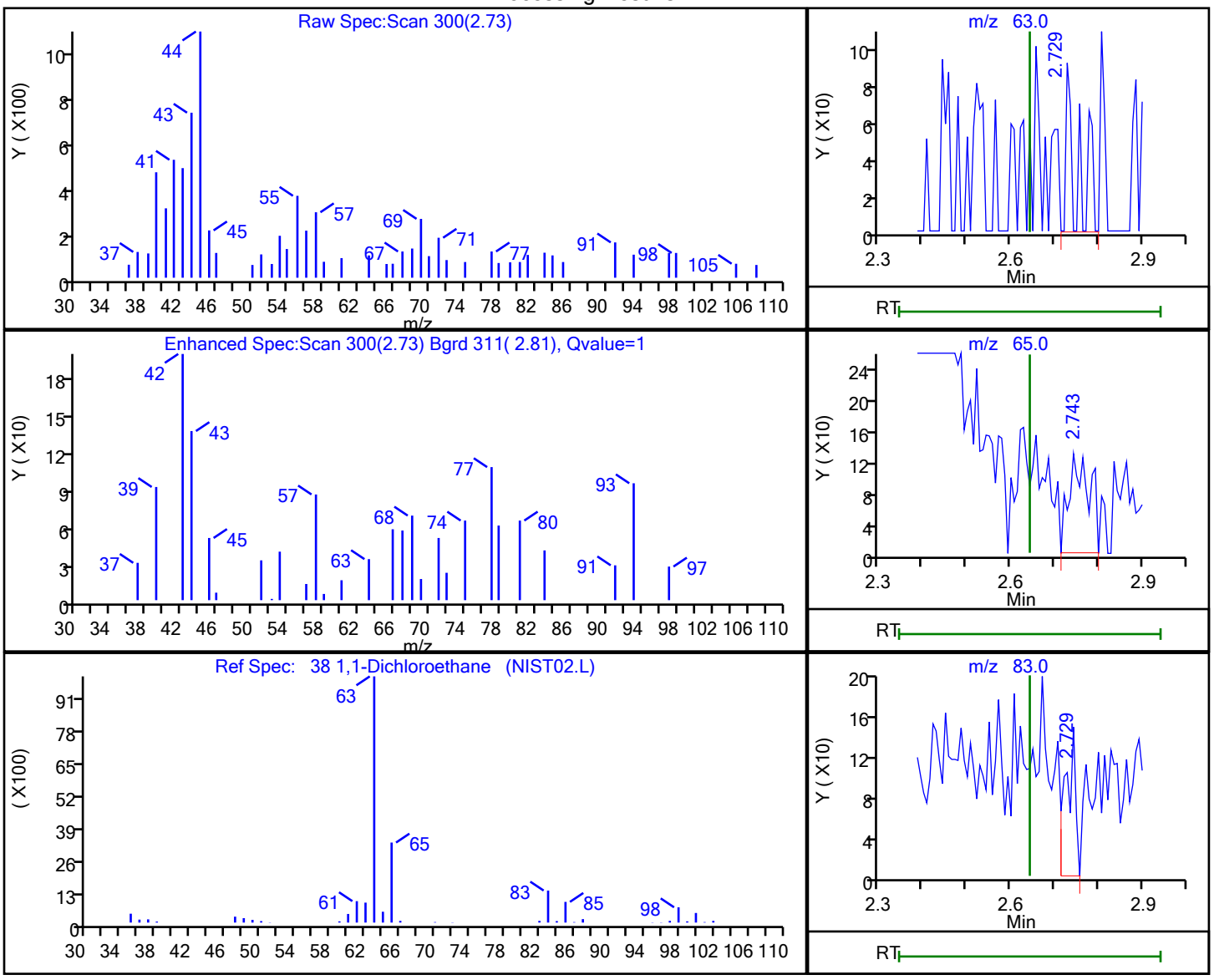
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
2.73	63.00	150	0.024055
2.74	65.00	425	
2.73	83.00	227	

Reviewer: HVW2, 24-Sep-2023 06:35:00 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

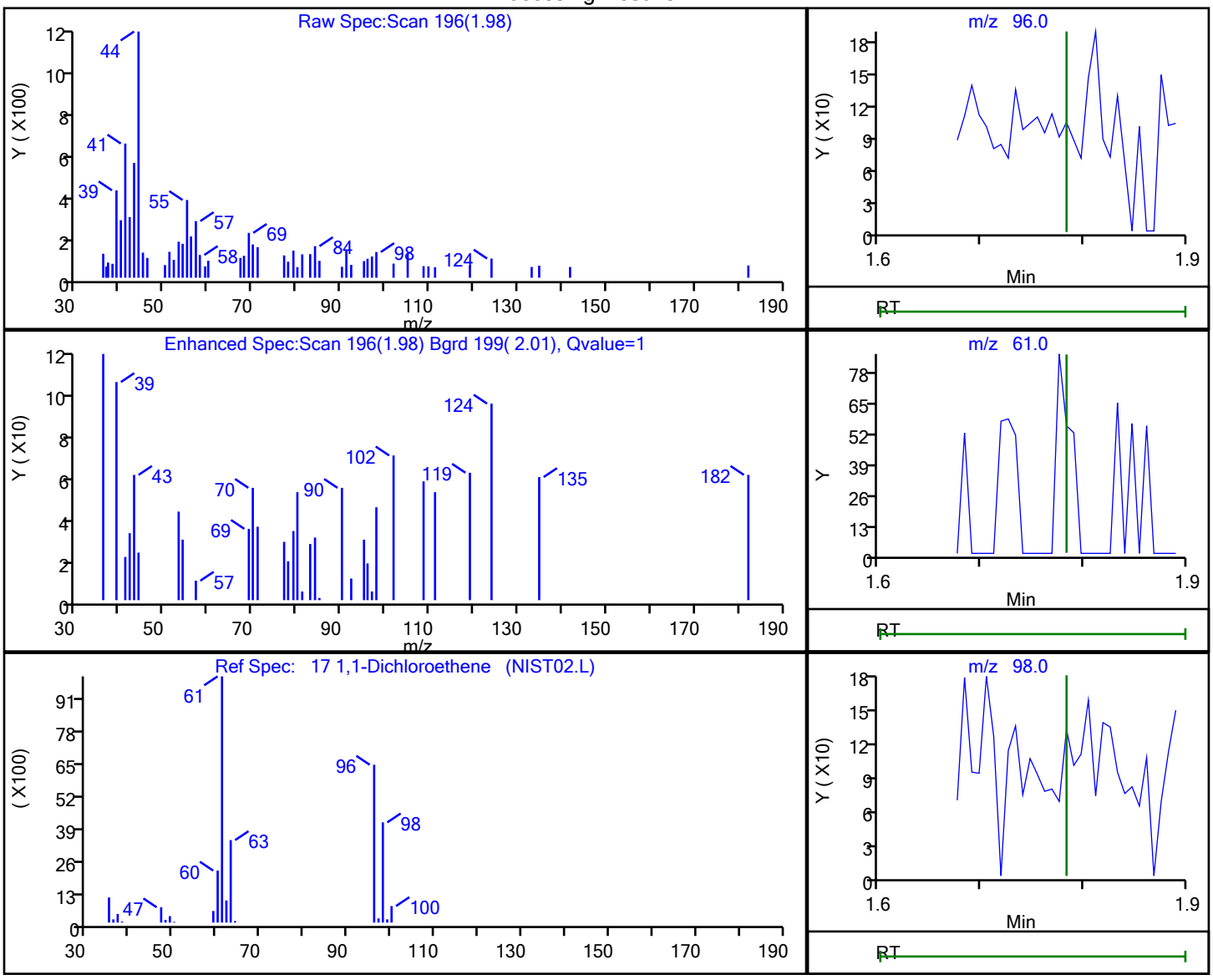
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
1.98	96.00	67	0.024886
2.00	61.00	30	
1.98	98.00	176	
1.98	63.00	46	

Reviewer: HVW2, 24-Sep-2023 06:34:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

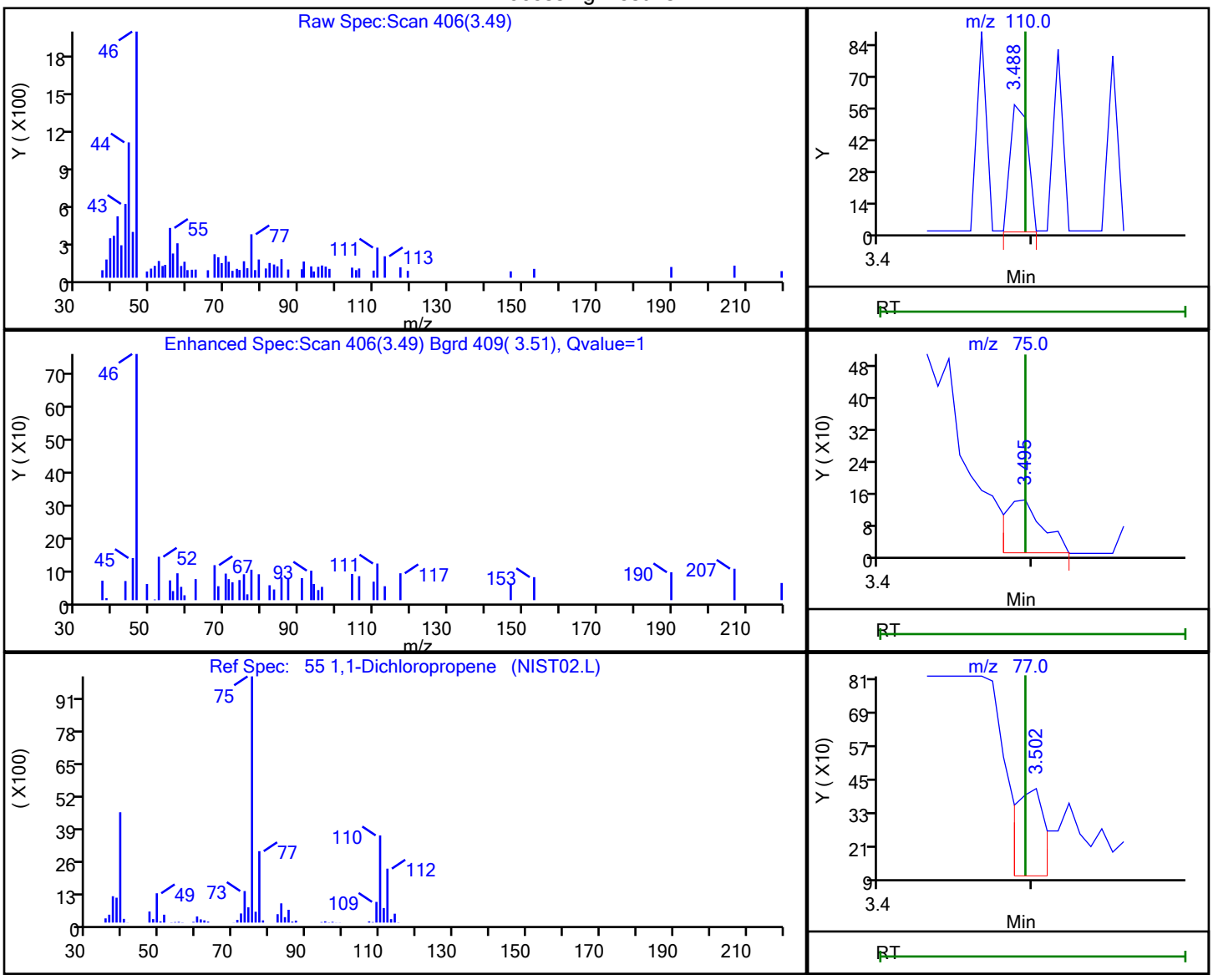
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.49	110.00	46	0.031015
3.50	75.00	239	
3.50	77.00	442	

Reviewer: HVW2, 24-Sep-2023 06:35:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

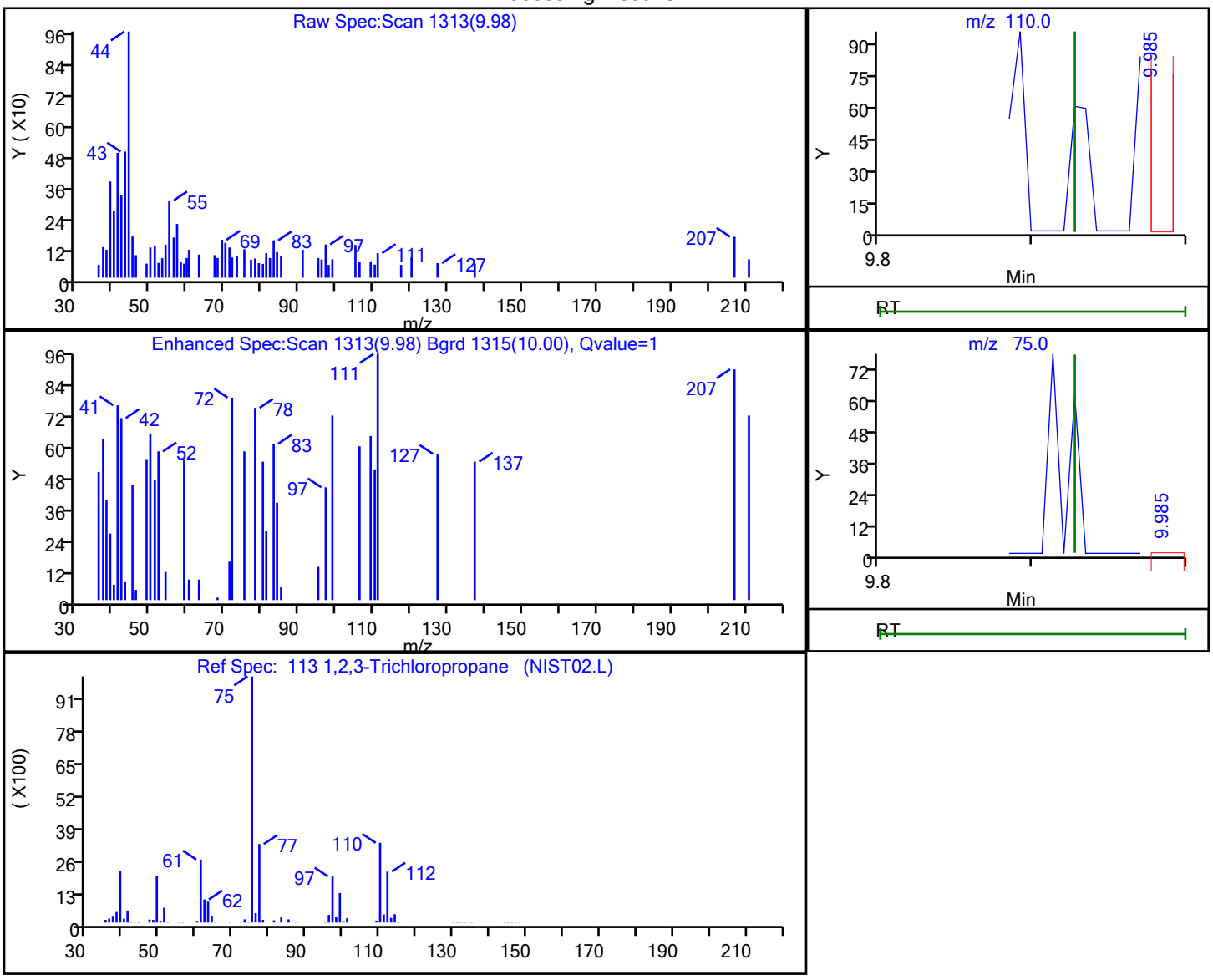
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.98	110.00	22	0.035172
9.98	75.00	98	

Reviewer: HVW2, 24-Sep-2023 06:35:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

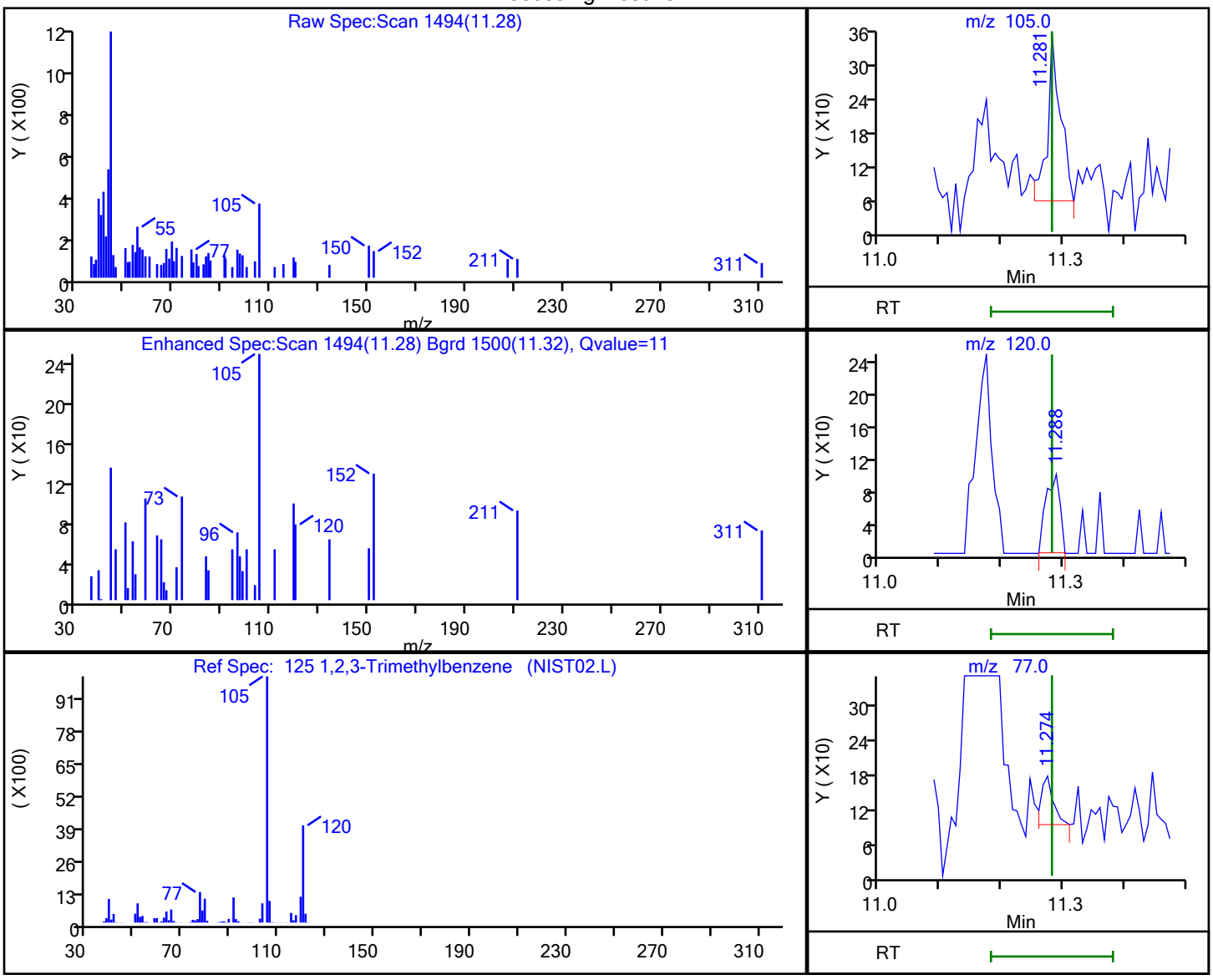
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

125 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
11.28	105.00	451	0.037044
11.29	120.00	153	
11.27	77.00	118	

Reviewer: HVW2, 24-Sep-2023 06:36:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

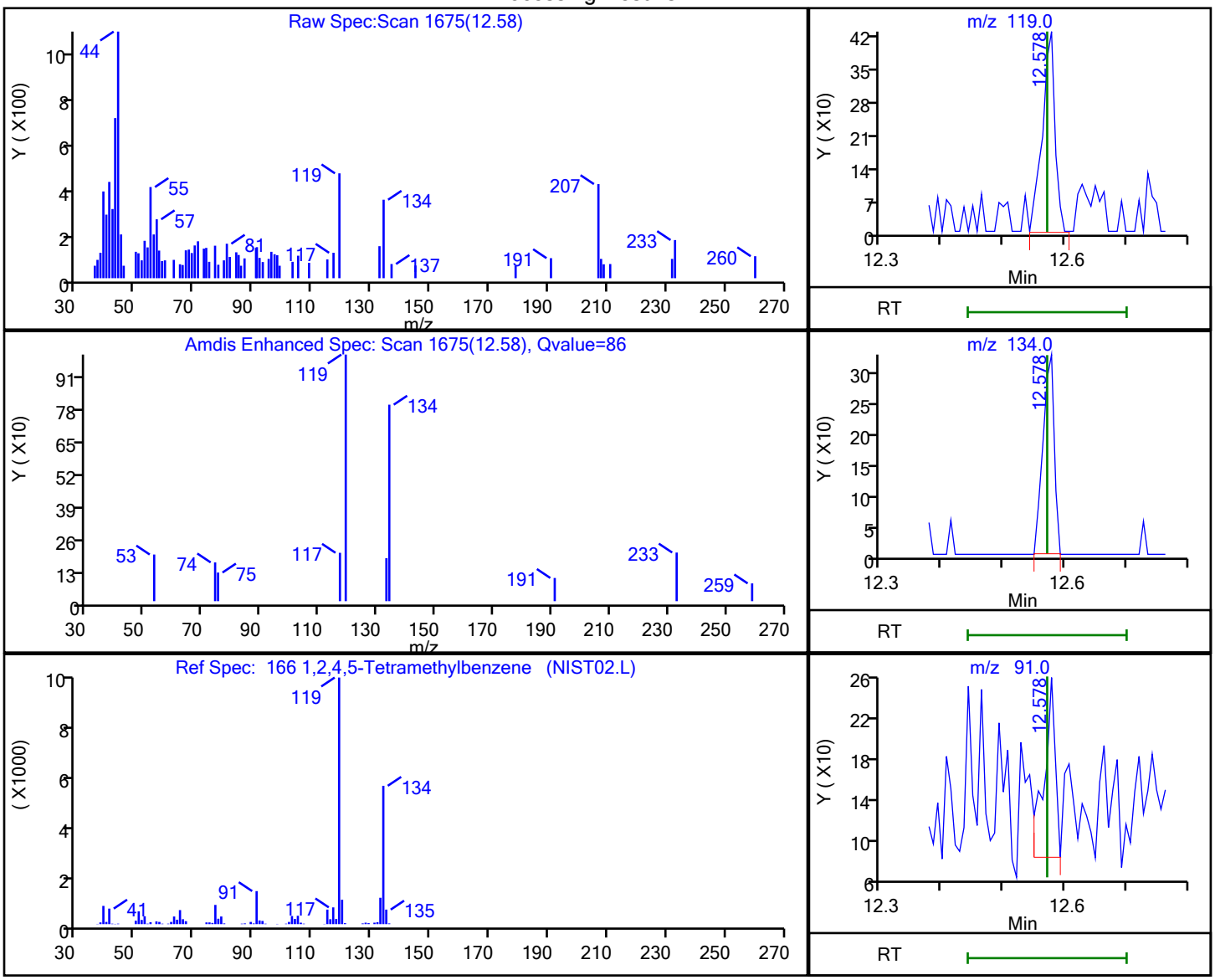
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

166 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
12.58	119.00	614	0.061028
12.58	134.00	412	
12.58	91.00	209	

Reviewer: HVW2, 24-Sep-2023 06:36:11 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

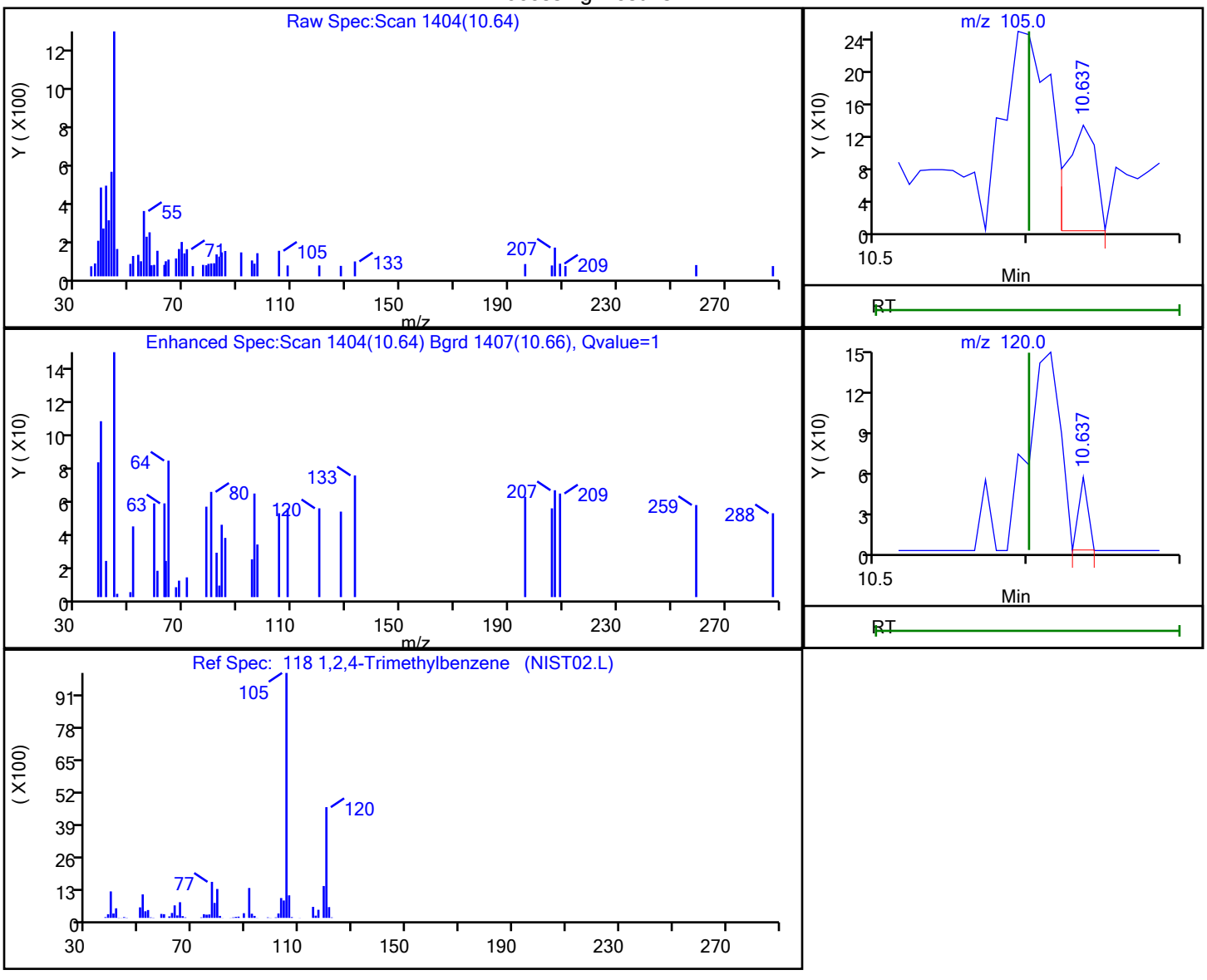
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.64	105.00	170	0.013951
10.64	120.00	23	

Reviewer: HVW2, 24-Sep-2023 06:36:01 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

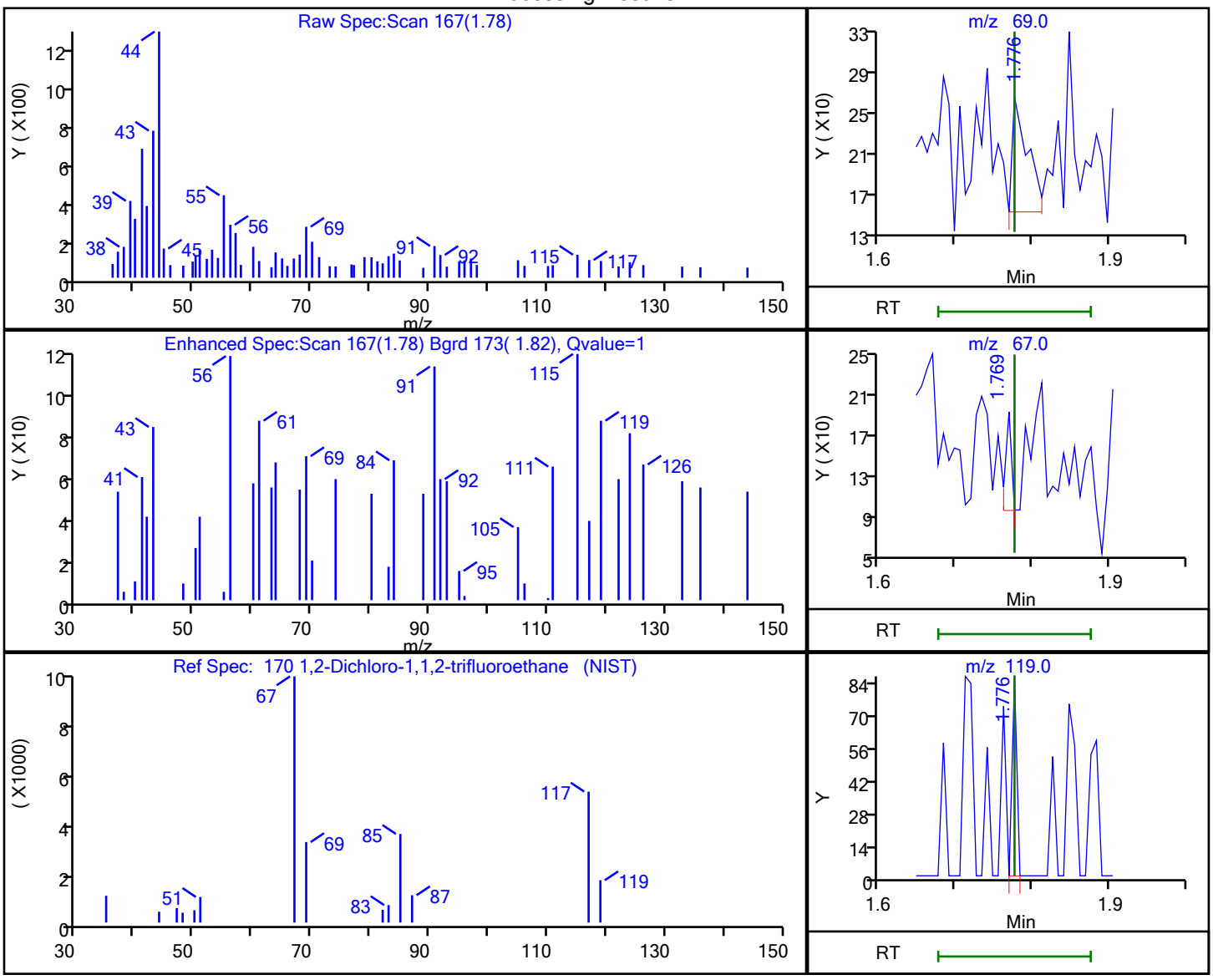
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D				
Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

170 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.78	69.00	153	0.120294
1.77	67.00	50	
1.78	119.00	37	

Reviewer: RD6L, 23-Sep-2023 07:05:58 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

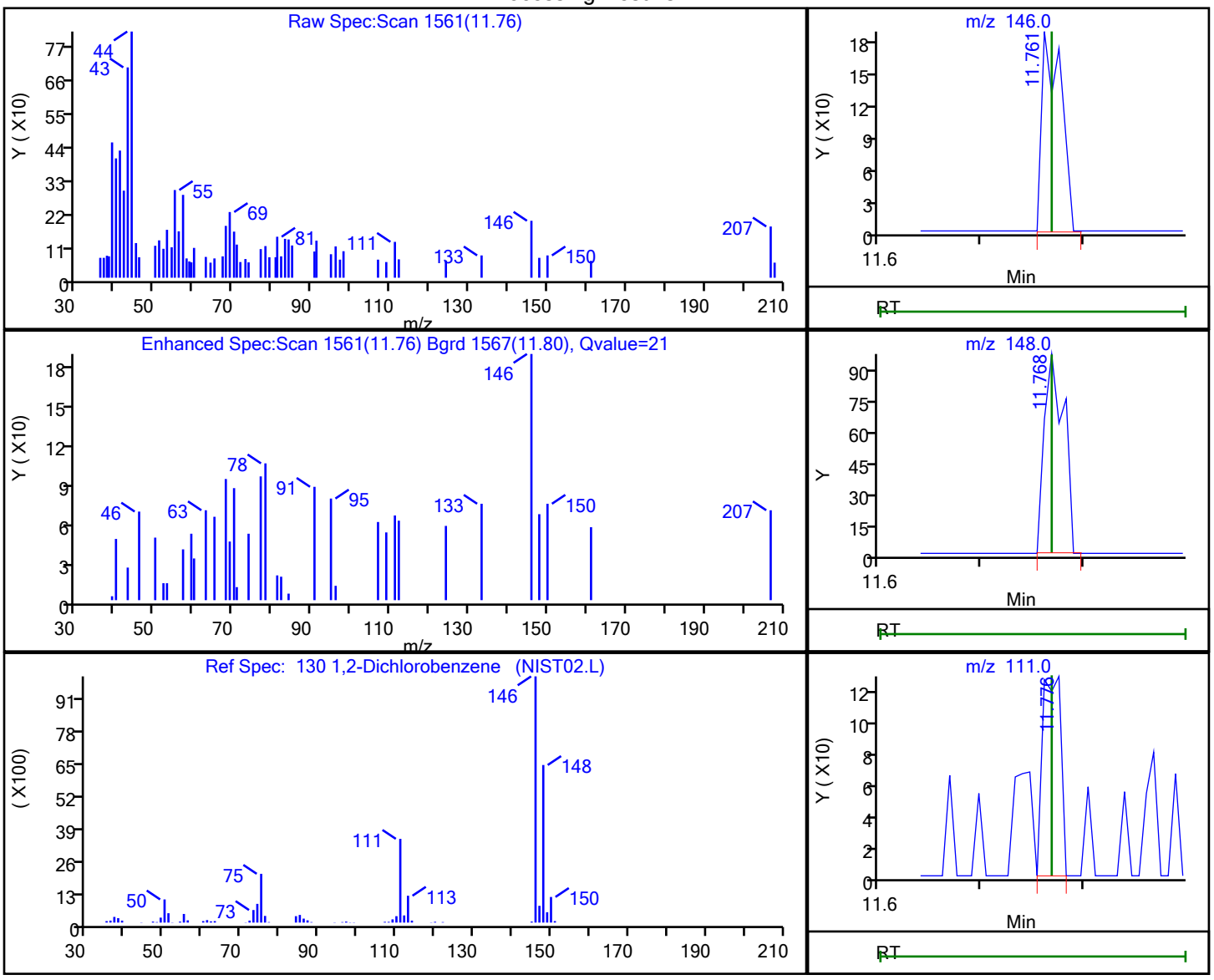
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.76	146.00	248	0.047130
11.77	148.00	131	
11.78	111.00	151	

Reviewer: HVW2, 24-Sep-2023 06:36:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

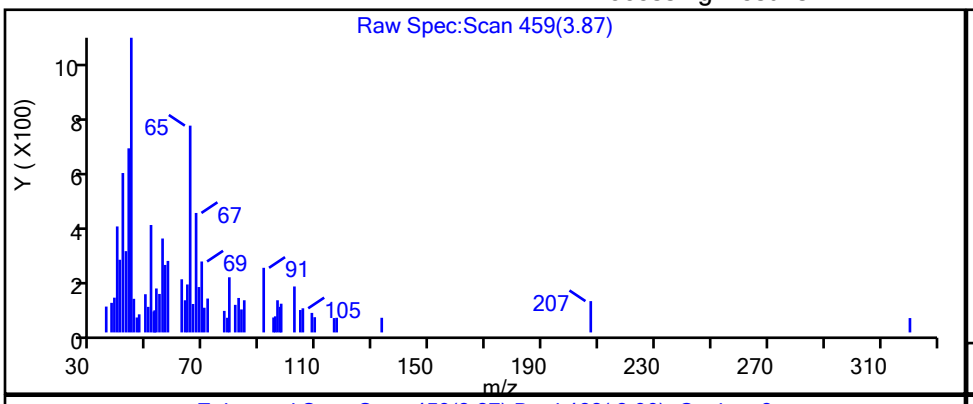
User Disabled Compound Report

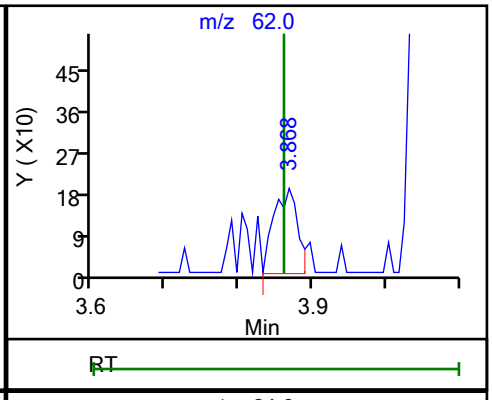
Eurofins Edison

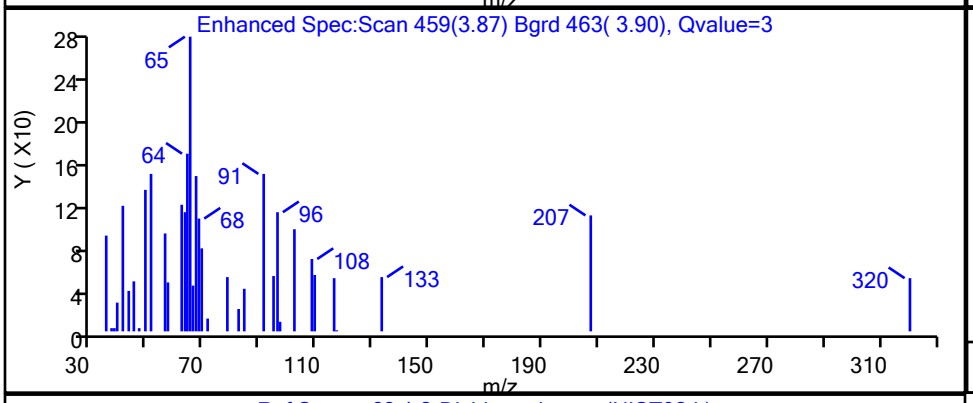
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

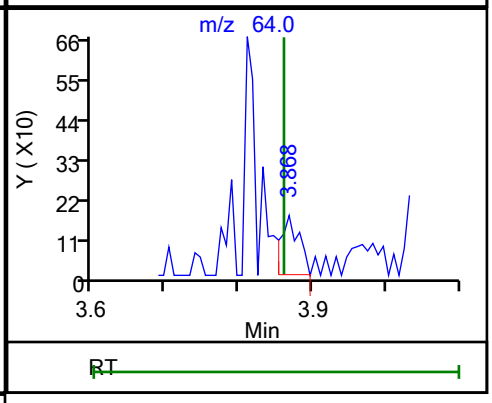
63 1,2-Dichloroethane, CAS: 107-06-2

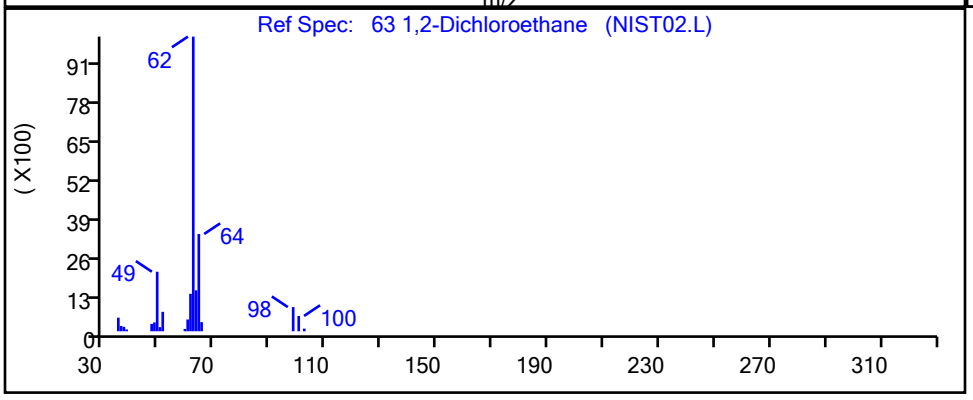
Processing Results











RT	Mass	Response	Amount
3.87	62.00	417	0.105058
3.87	64.00	285	

Reviewer: HVW2, 24-Sep-2023 06:35:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

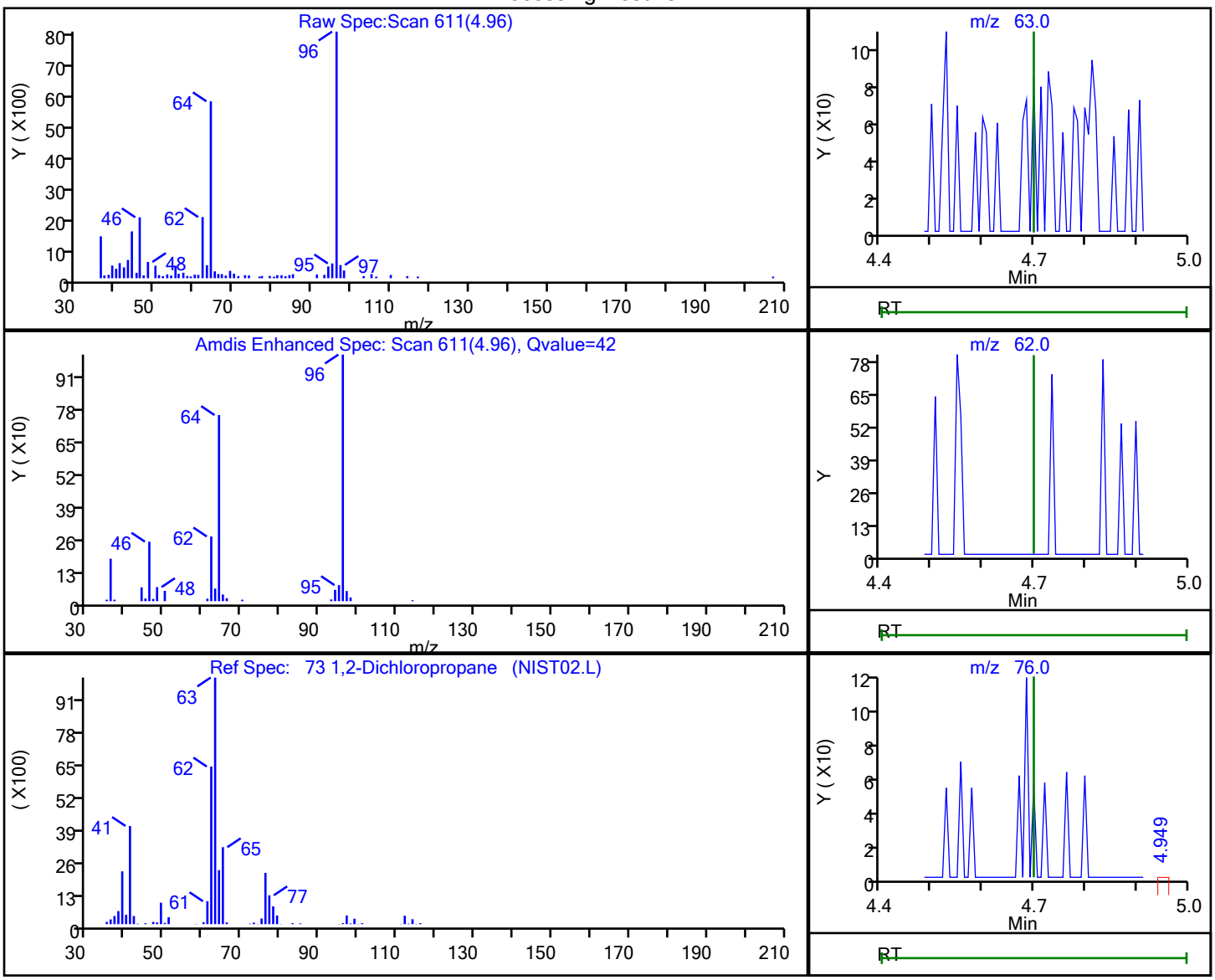
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.96	63.00	926	0.267626
4.96	62.00	3985	
4.95	76.00	73	
4.71	112.00	0	

Reviewer: HVW2, 24-Sep-2023 06:35:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

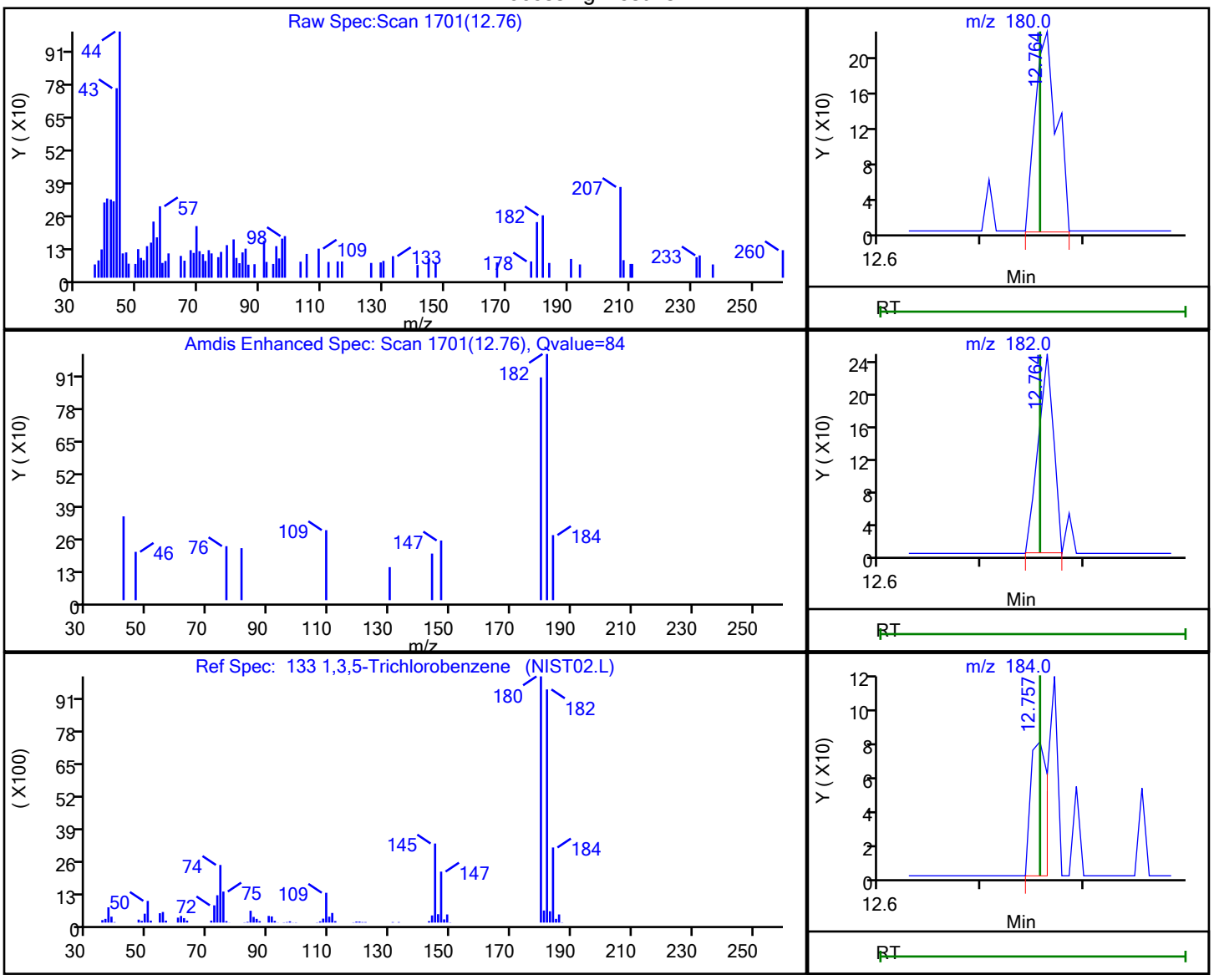
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
12.76	180.00	326	0.088542
12.76	182.00	263	
12.76	184.00	90	

Reviewer: HVW2, 24-Sep-2023 06:36:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

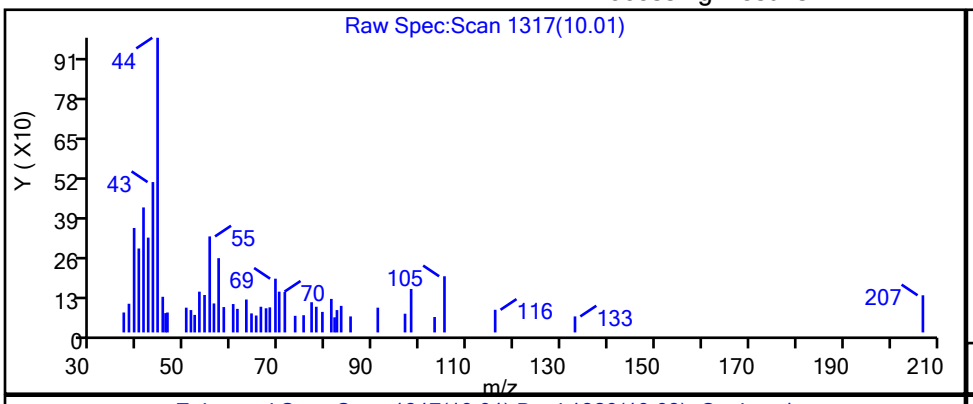
User Disabled Compound Report

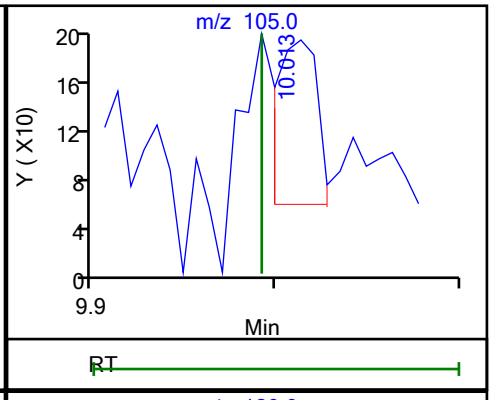
Eurofins Edison

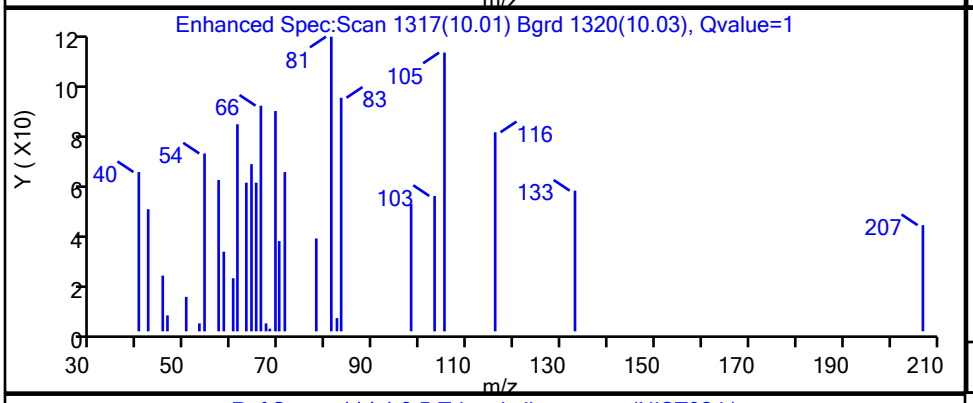
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

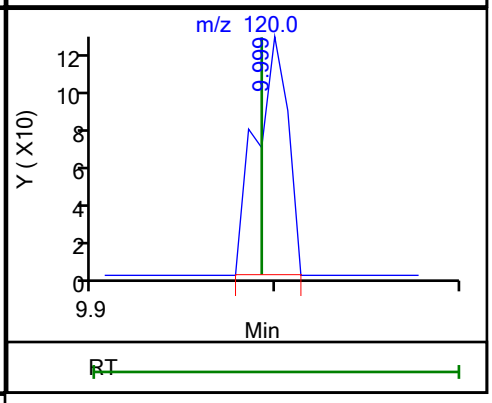
114 1,3,5-Trimethylbenzene, CAS: 108-67-8

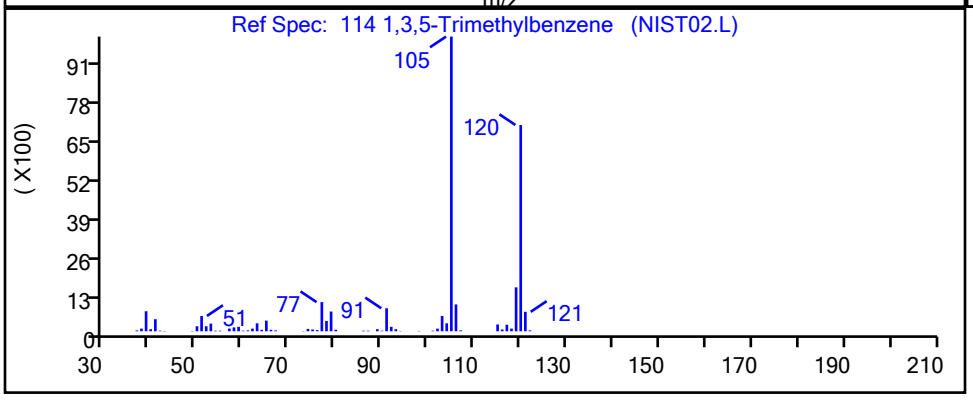
Processing Results











RT	Mass	Response	Amount
10.01	105.00	209	0.017439
10.00	120.00	157	

Reviewer: HVW2, 24-Sep-2023 06:35:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

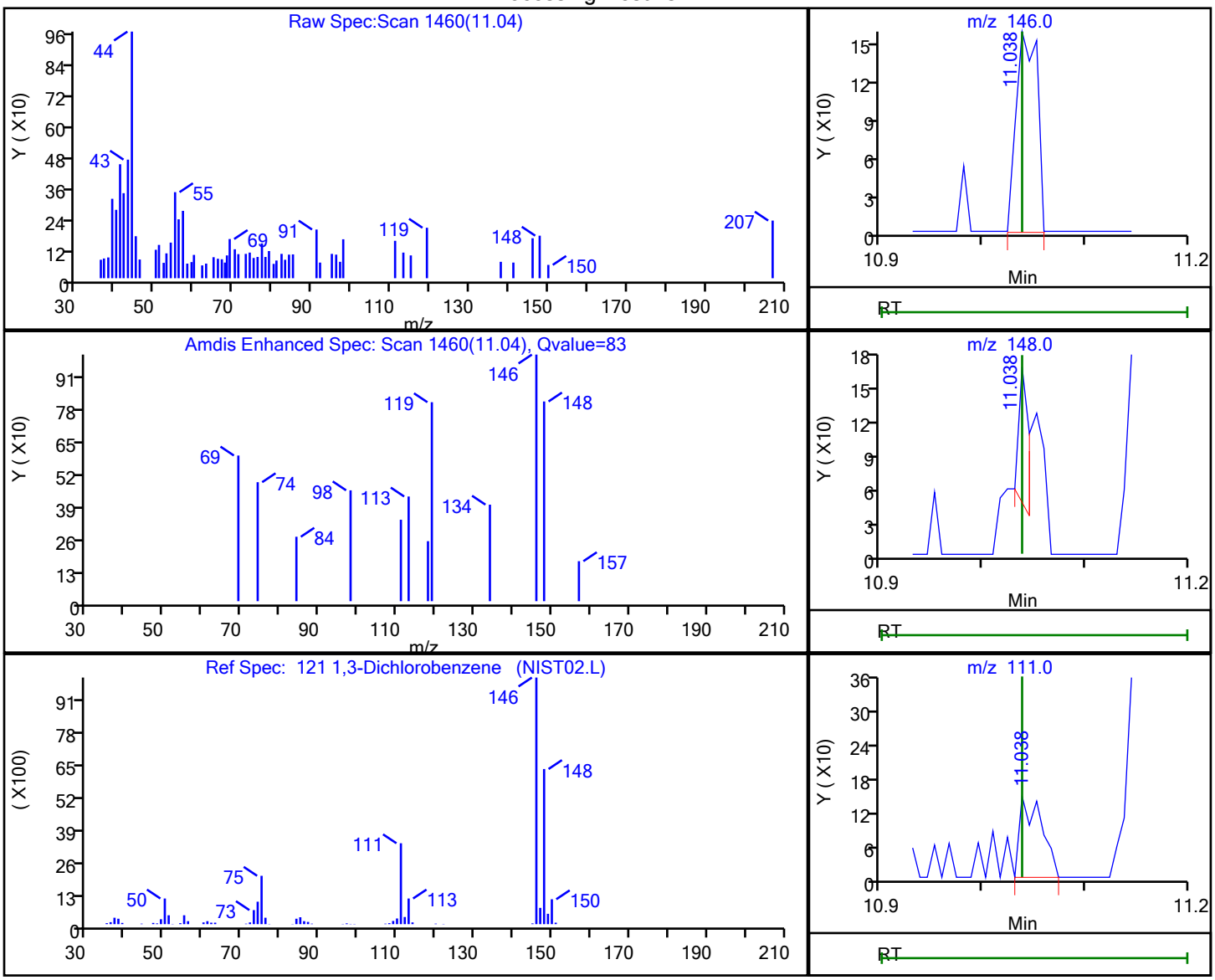
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
11.04	146.00	223	0.037293
11.04	148.00	83	
11.04	111.00	217	

Reviewer: HVW2, 24-Sep-2023 06:36:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

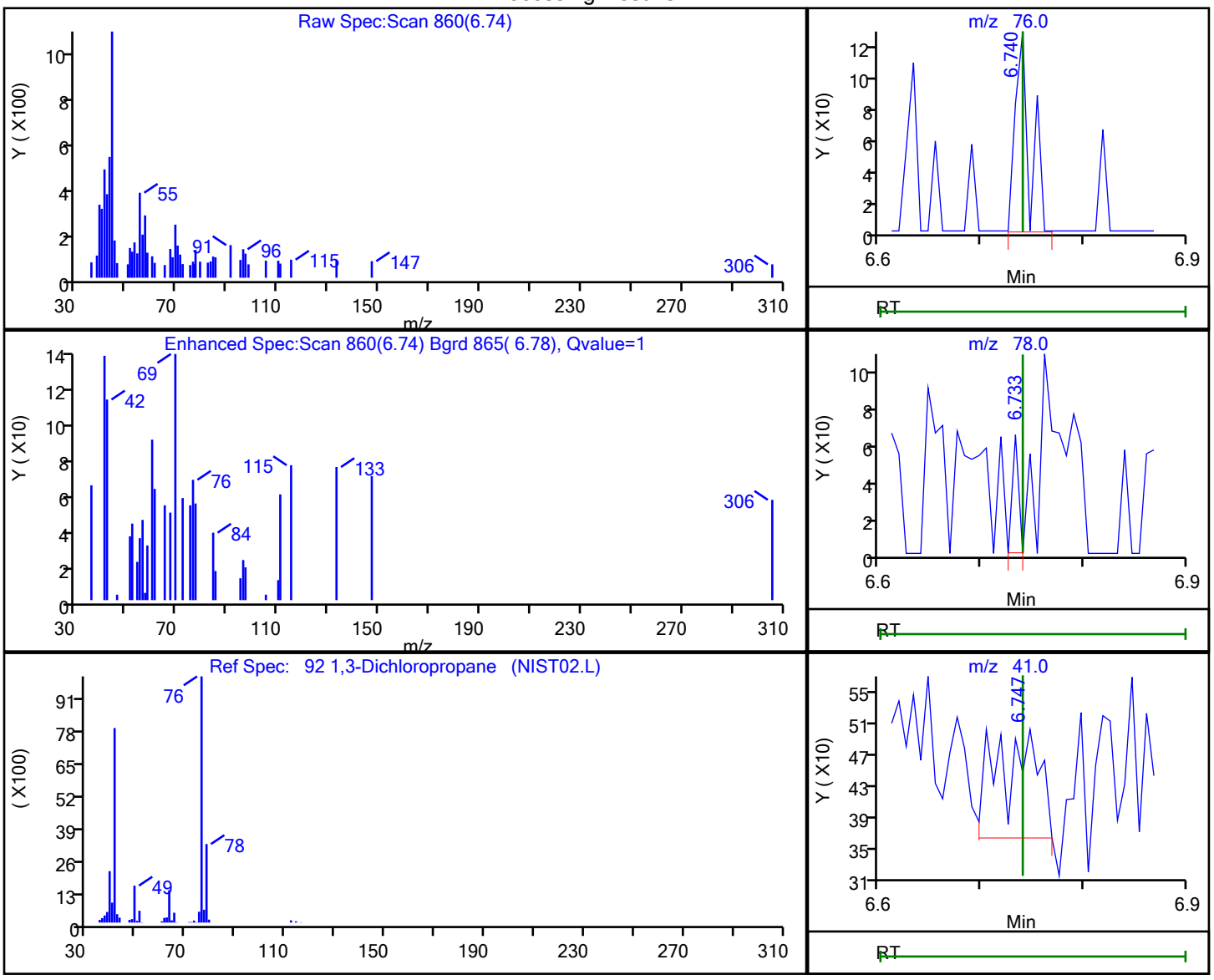
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

92 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
6.74	76.00	122	0.031297
6.73	78.00	27	
6.75	41.00	392	

Reviewer: HVW2, 24-Sep-2023 06:35:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

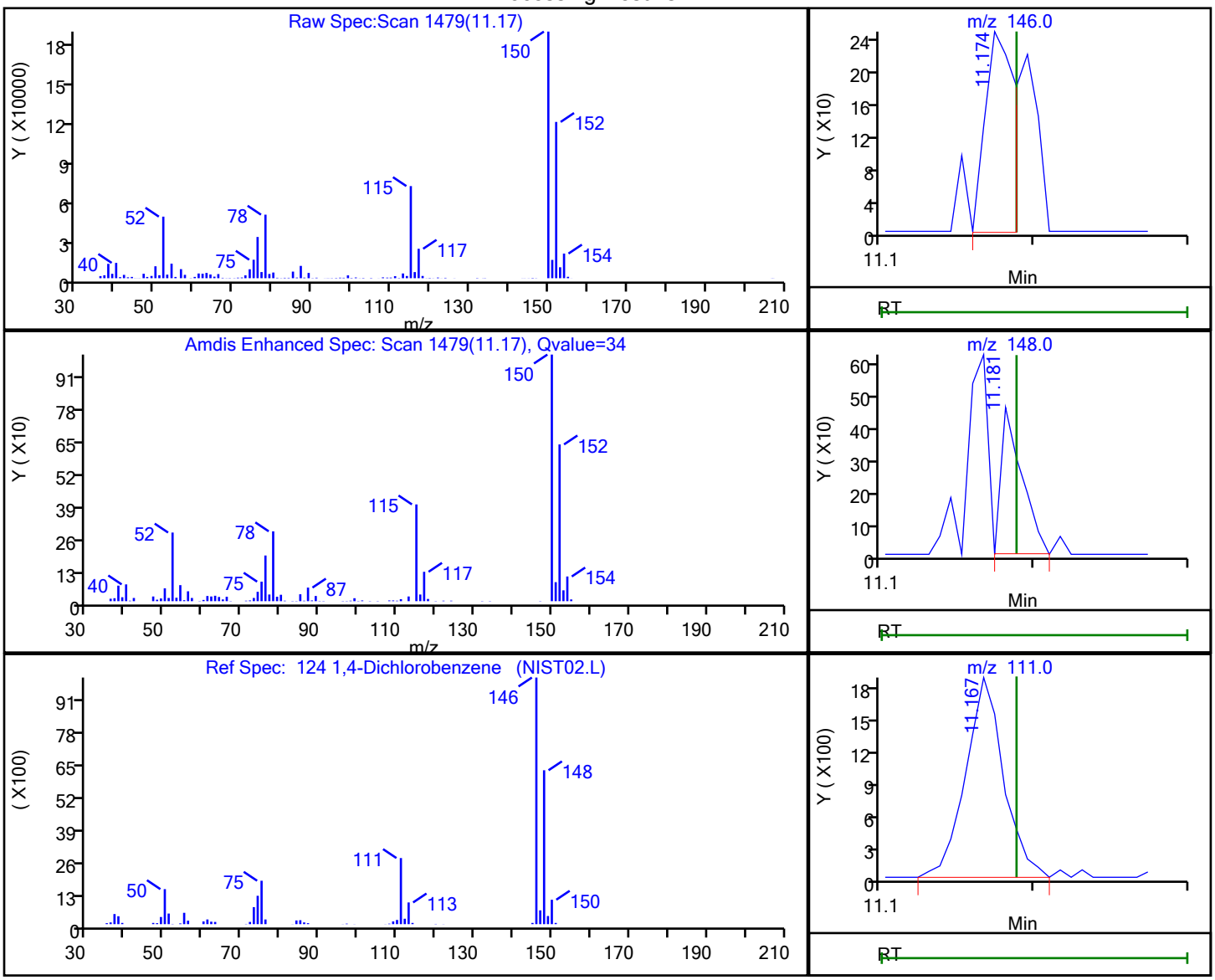
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
11.17	146.00	330	0.053659
11.18	148.00	439	
11.17	111.00	3248	

Reviewer: HVW2, 24-Sep-2023 06:36:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

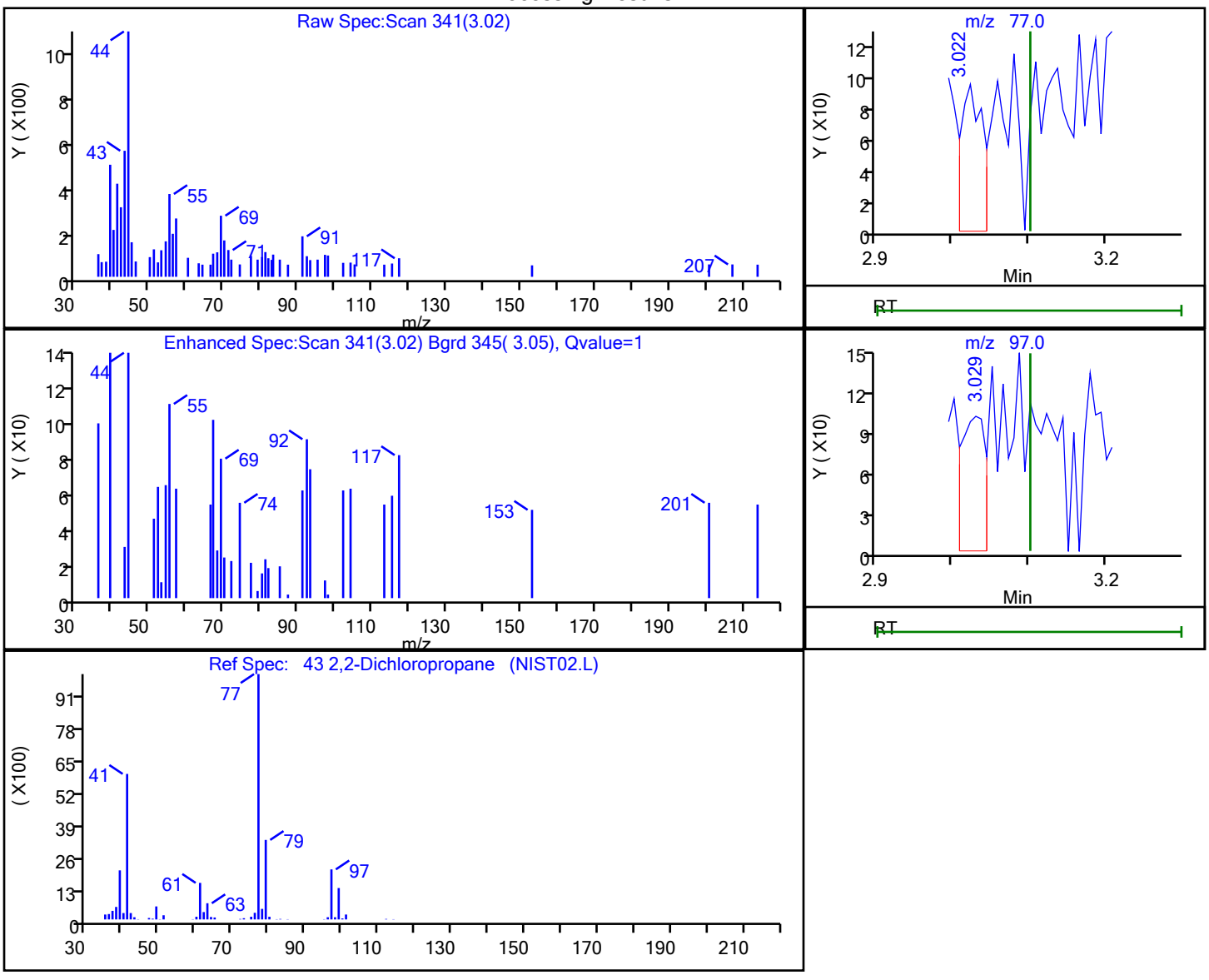
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.02	77.00	181	
3.03	97.00	227	0.255967

Reviewer: HVW2, 24-Sep-2023 06:35:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

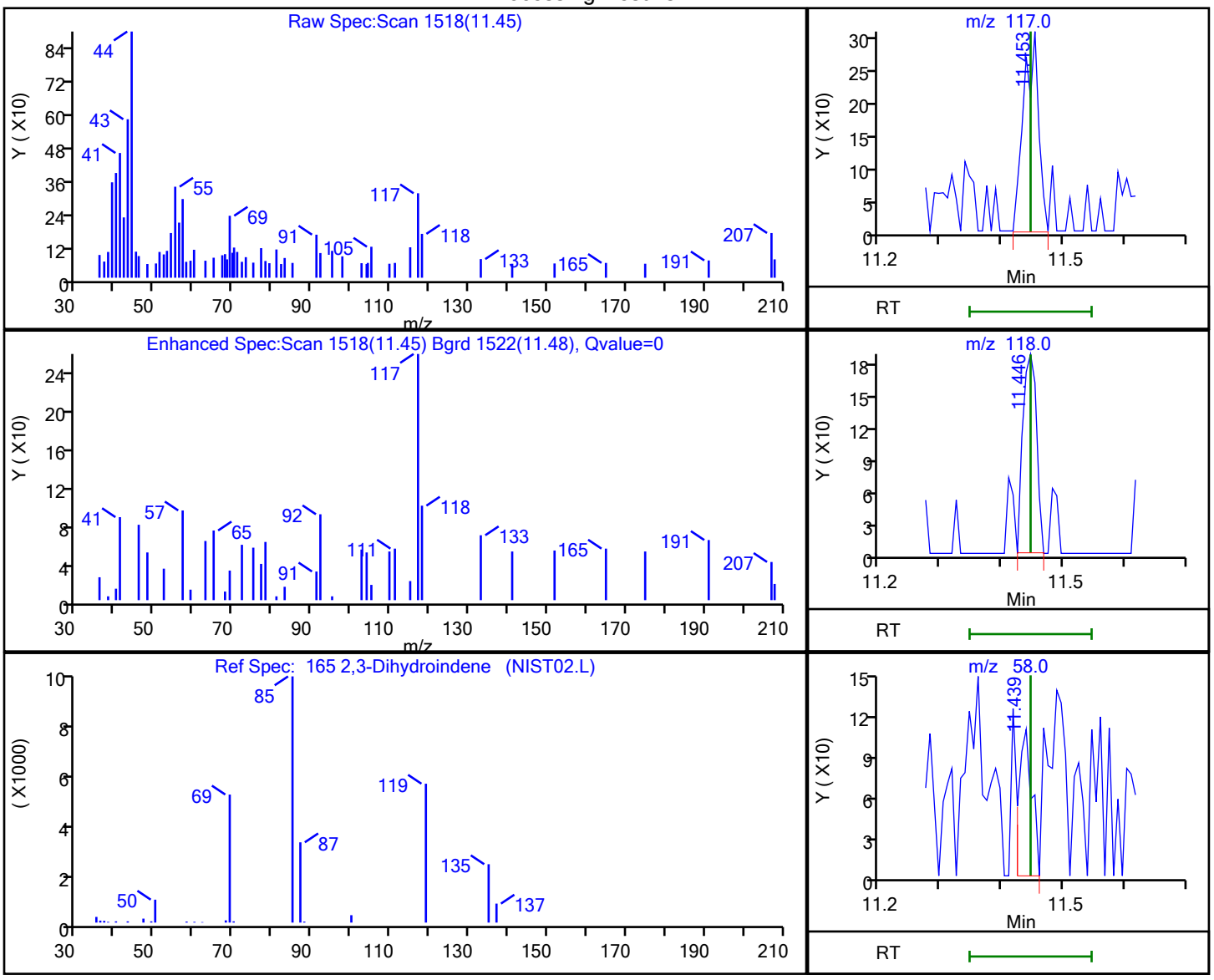
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.45	117.00	520	0.047478
11.45	118.00	292	
11.44	58.00	153	

Reviewer: HVW2, 24-Sep-2023 06:36:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

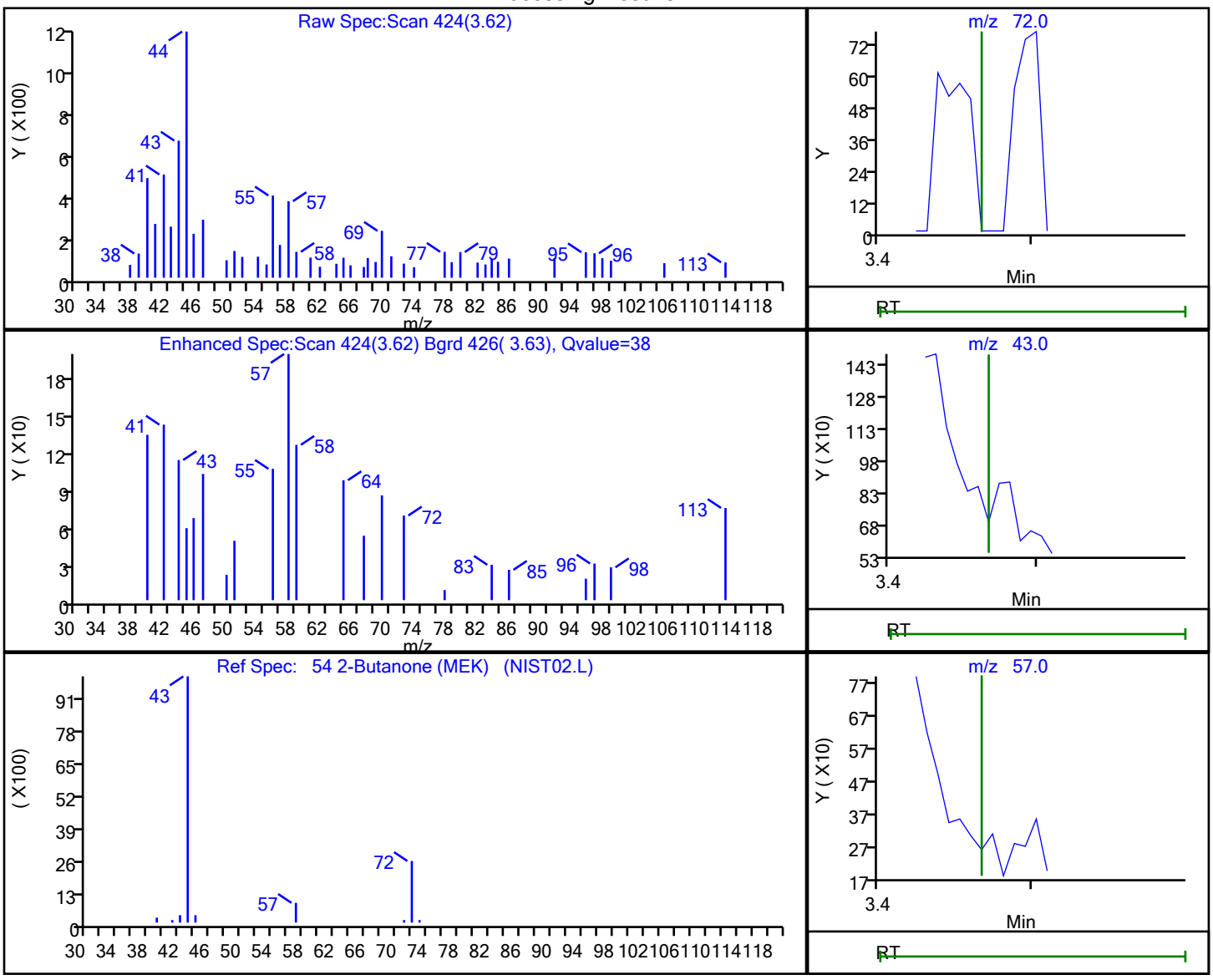
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.62	72.00	29	0.095388
3.62	43.00	393	
3.62	57.00	212	

Reviewer: HVW2, 24-Sep-2023 06:35:14 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

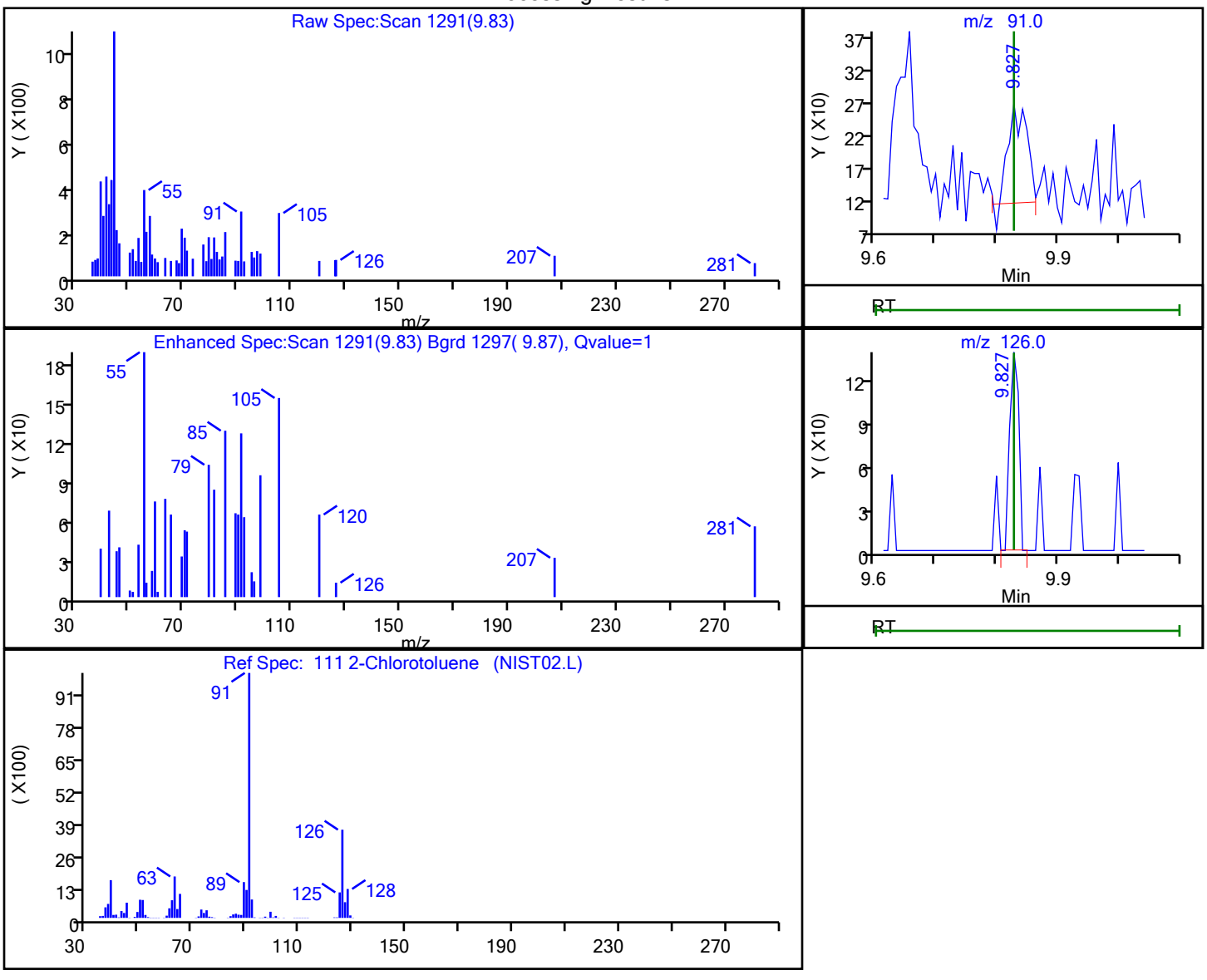
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
9.83	91.00	316	0.026475
9.83	126.00	138	

Reviewer: HVW2, 24-Sep-2023 06:35:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

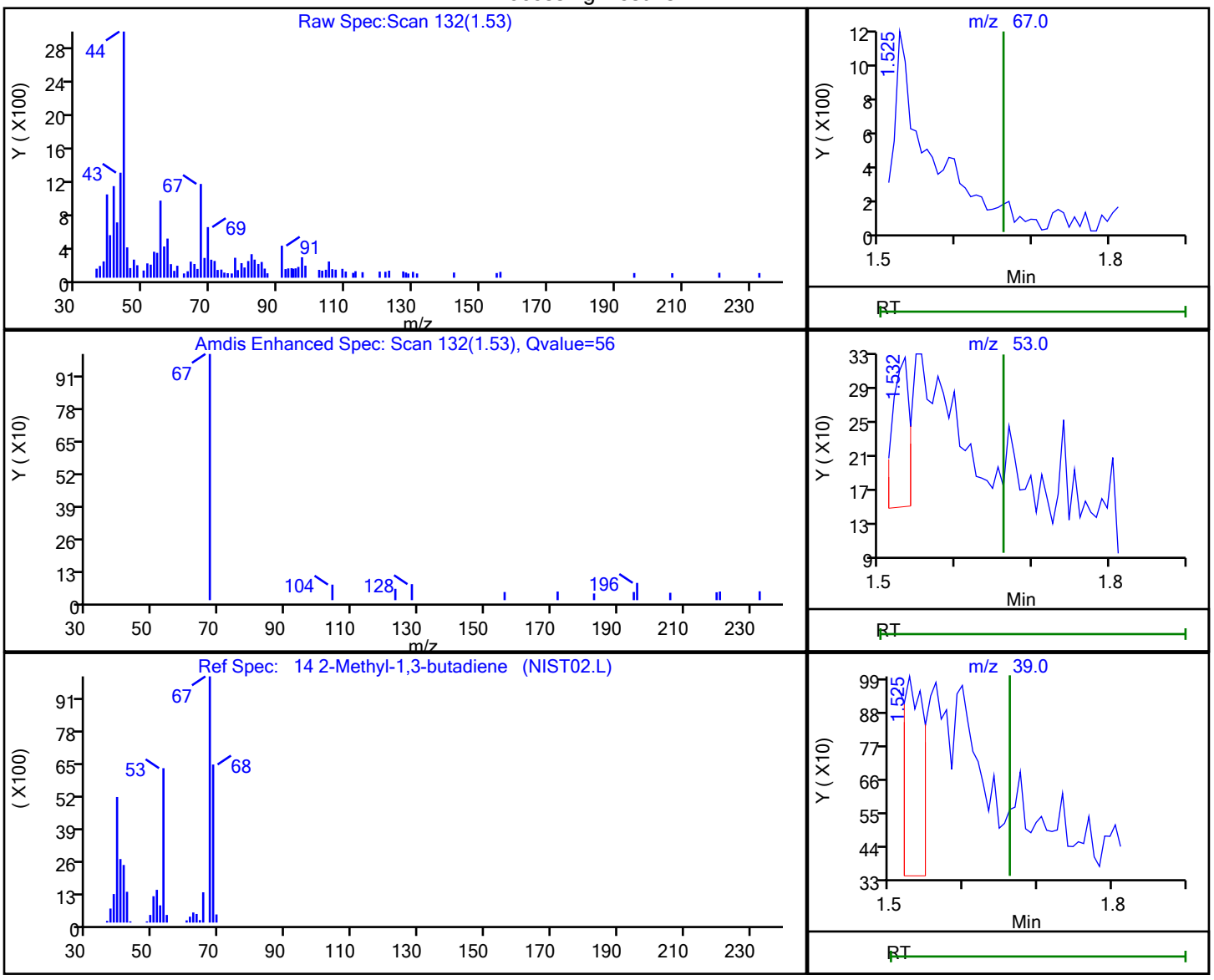
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.53	67.00	1805	0.379054
1.53	53.00	262	
1.53	39.00	1246	

Reviewer: RD6L, 23-Sep-2023 07:05:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

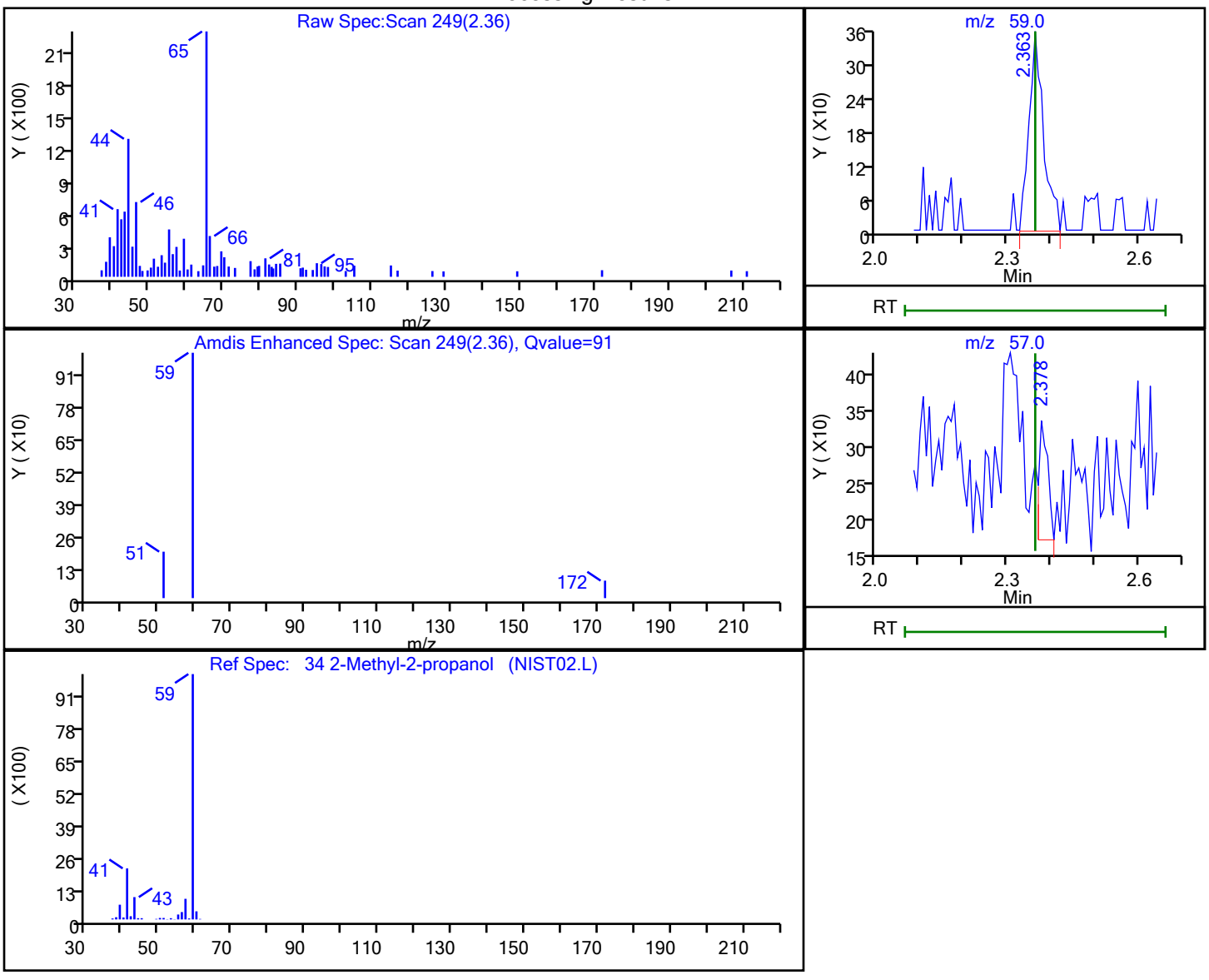
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.36	59.00	817	4.023113
2.38	57.00	223	

Reviewer: HVW2, 24-Sep-2023 06:34:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

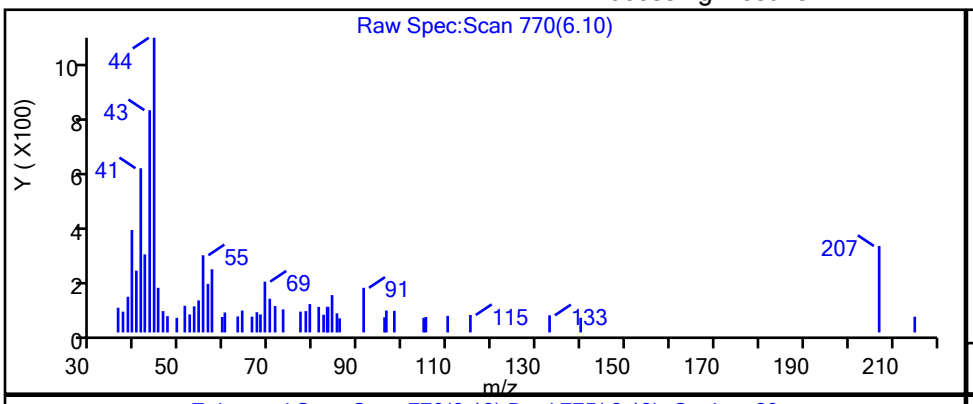
User Disabled Compound Report

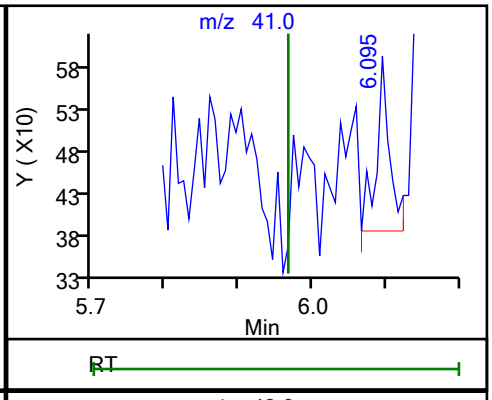
Eurofins Edison

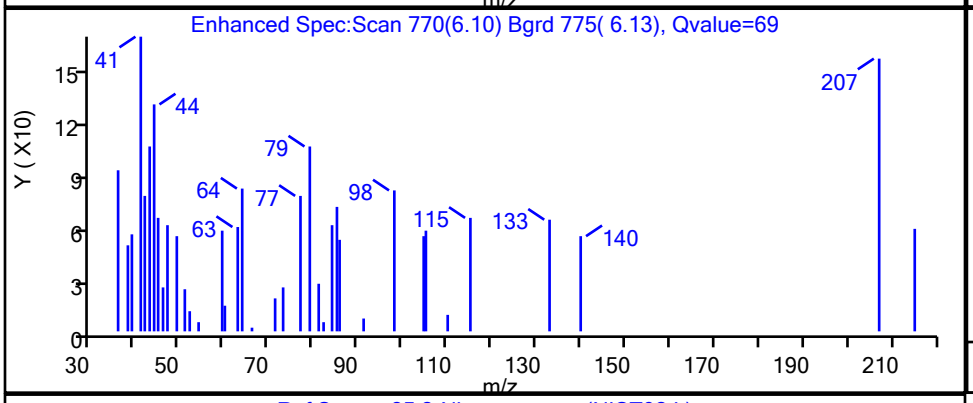
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

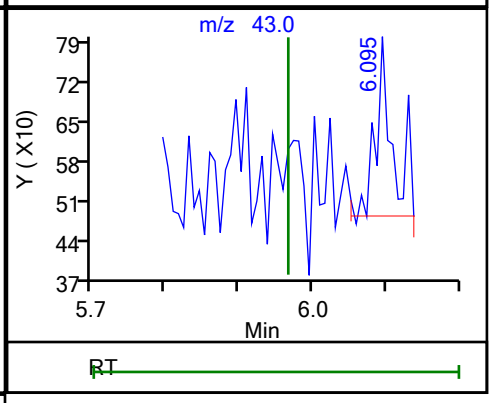
85 2-Nitropropane, CAS: 79-46-9

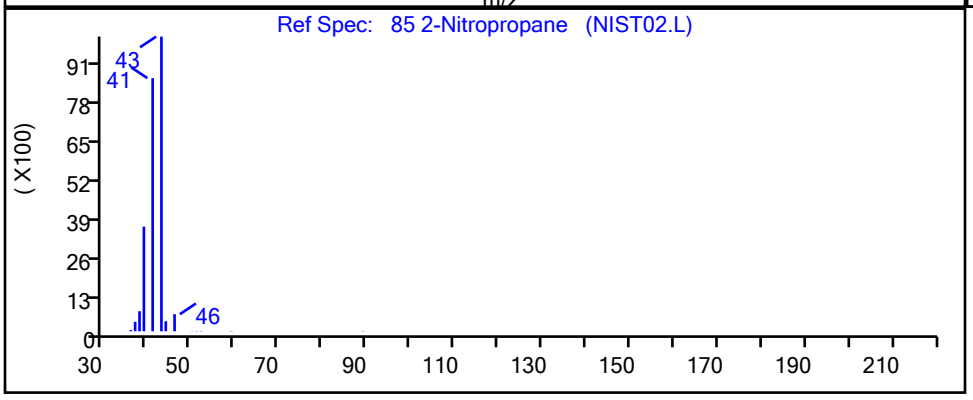
Processing Results











RT	Mass	Response	Amount
6.10	41.00	254	0.263480
6.10	43.00	492	

Reviewer: HVW2, 24-Sep-2023 06:35:33 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

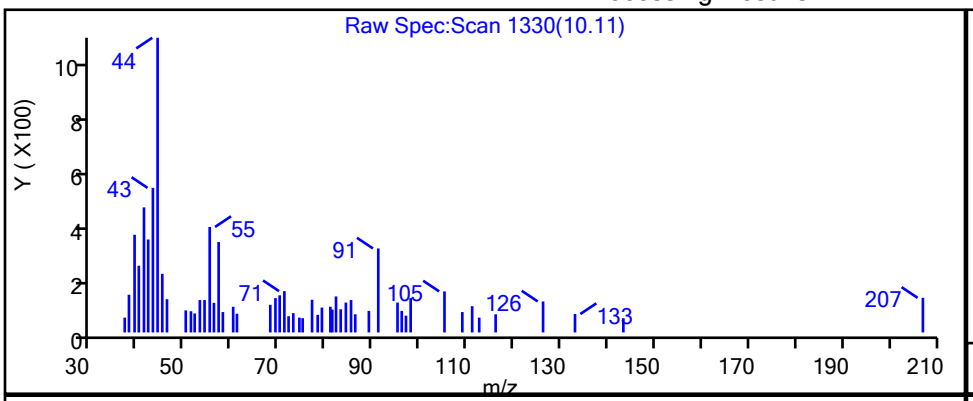
User Disabled Compound Report

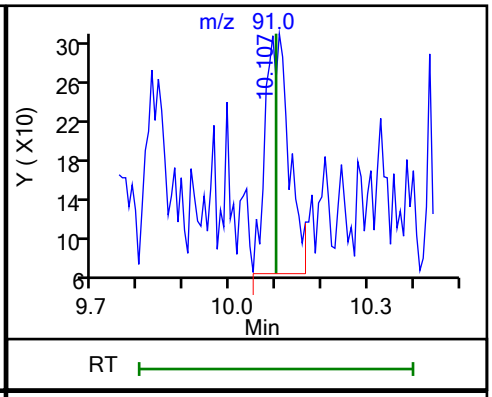
Eurofins Edison

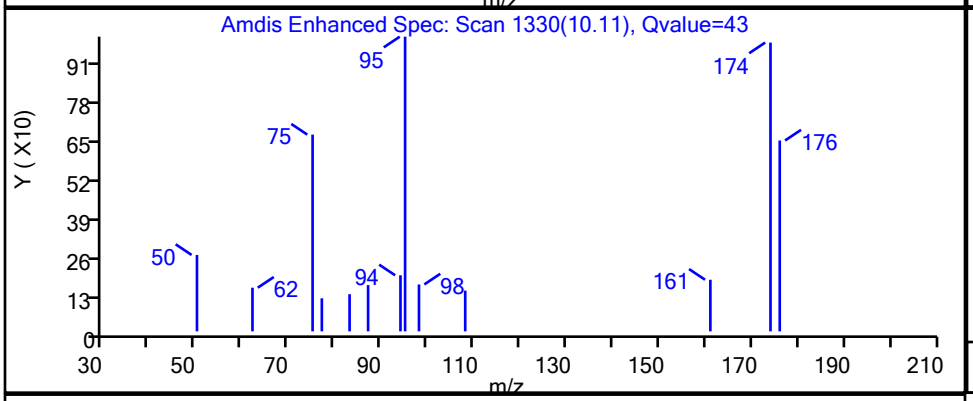
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D				
Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

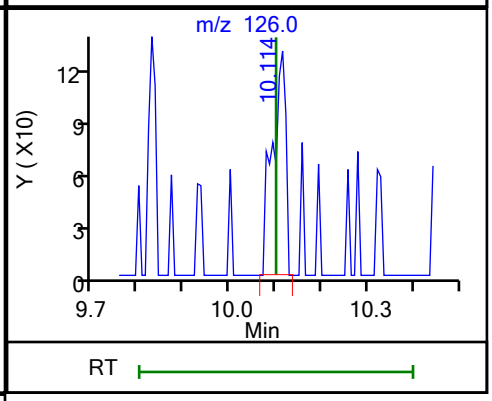
116 4-Chlorotoluene, CAS: 106-43-4

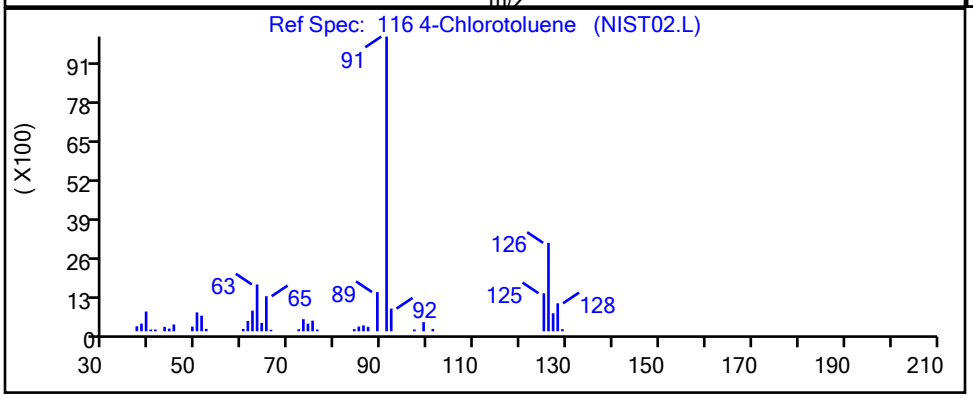
Processing Results











RT	Mass	Response	Amount
10.11	91.00	858	0.079727
10.11	126.00	255	

Reviewer: HVW2, 24-Sep-2023 06:35:59 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

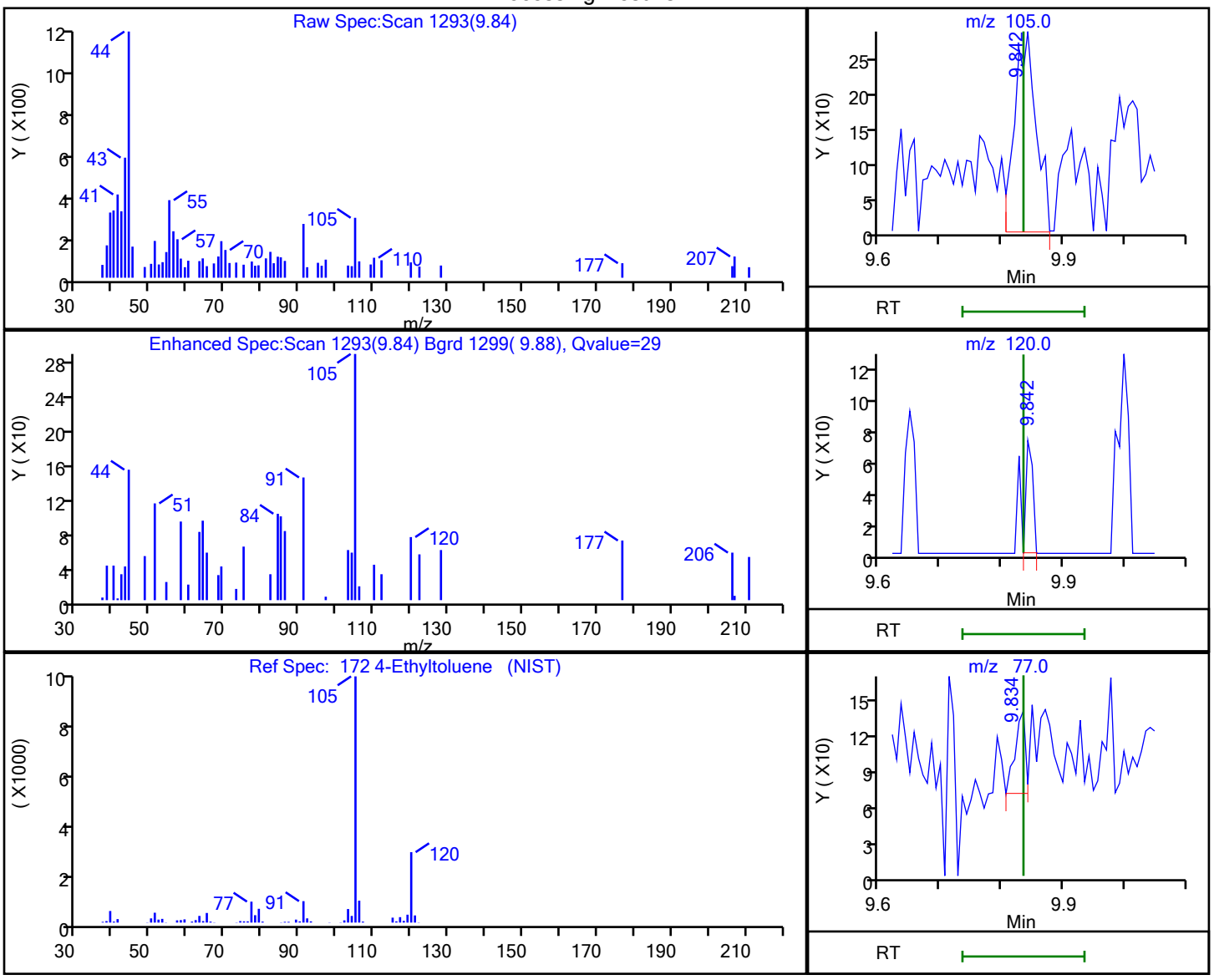
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

172 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.84	105.00	694	0.048880
9.84	120.00	56	
9.83	77.00	82	

Reviewer: HVW2, 24-Sep-2023 06:35:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

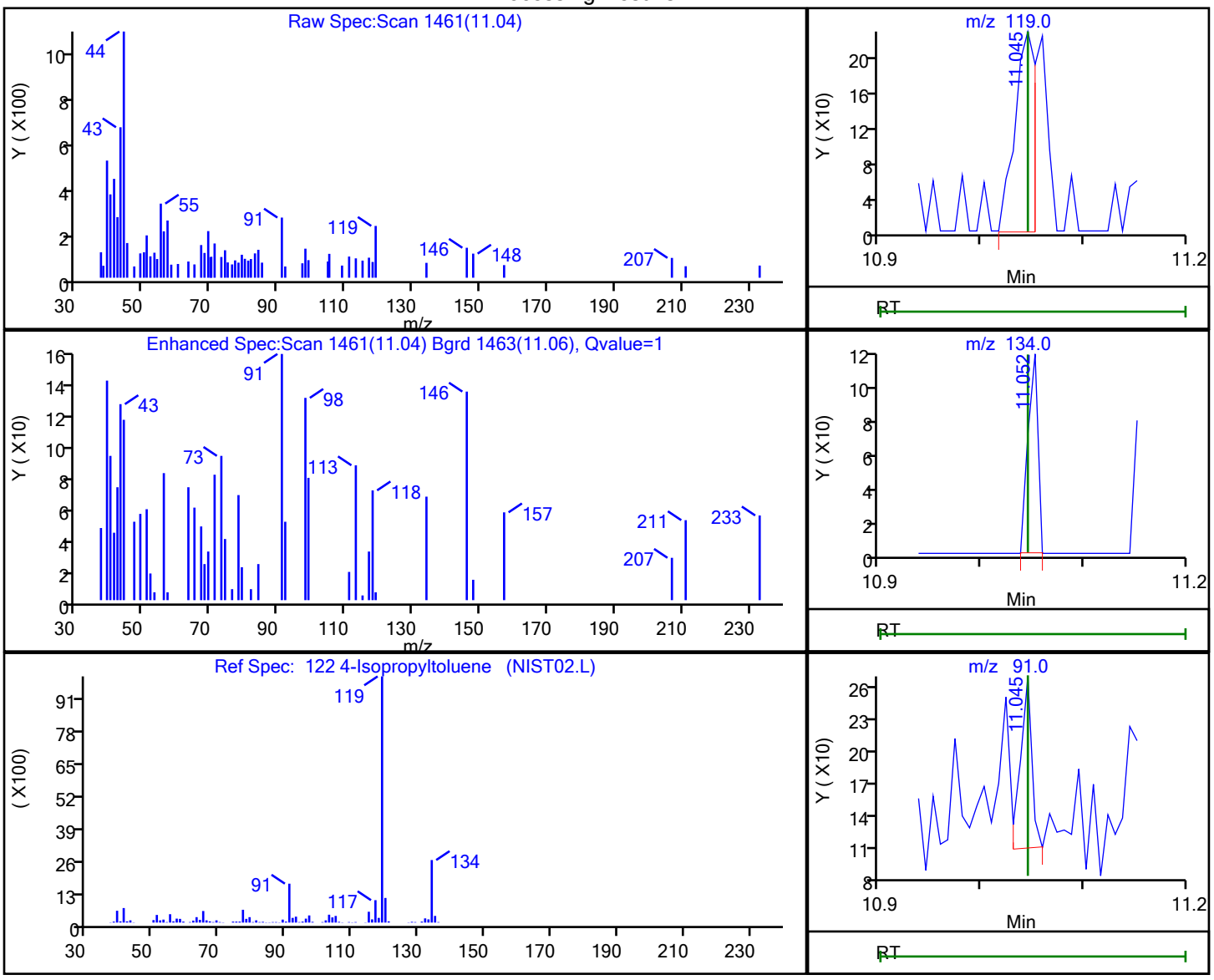
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
11.04	119.00	331	0.027821
11.05	134.00	76	
11.04	91.00	123	

Reviewer: HVW2, 24-Sep-2023 06:36:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

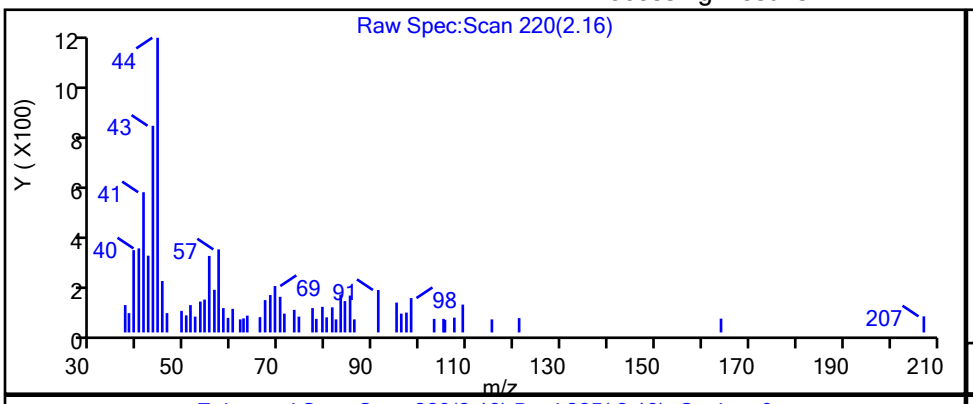
User Disabled Compound Report

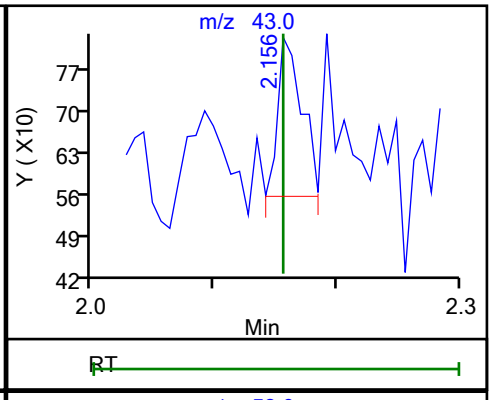
Eurofins Edison

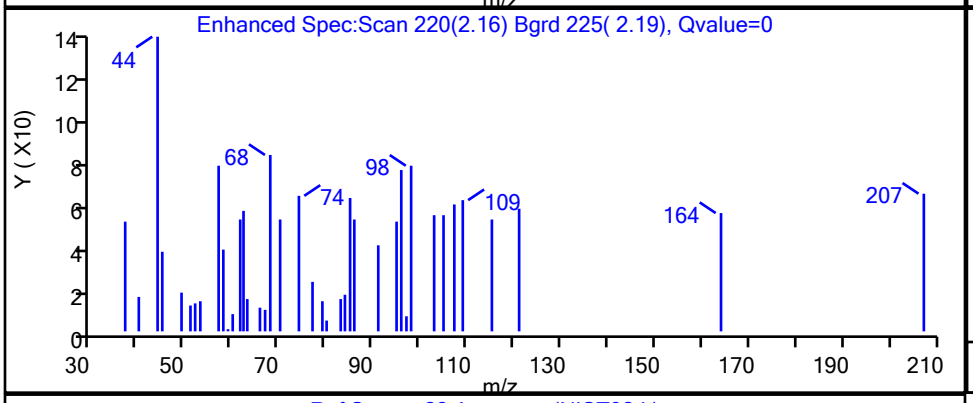
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

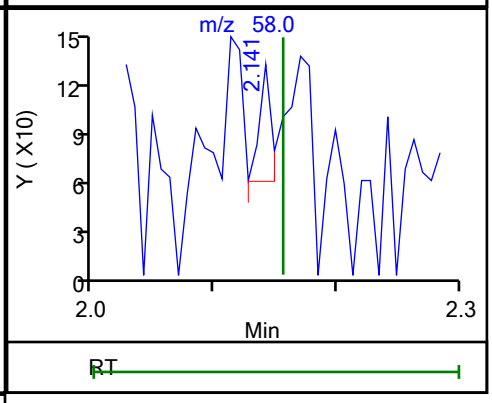
28 Acetone, CAS: 67-64-1

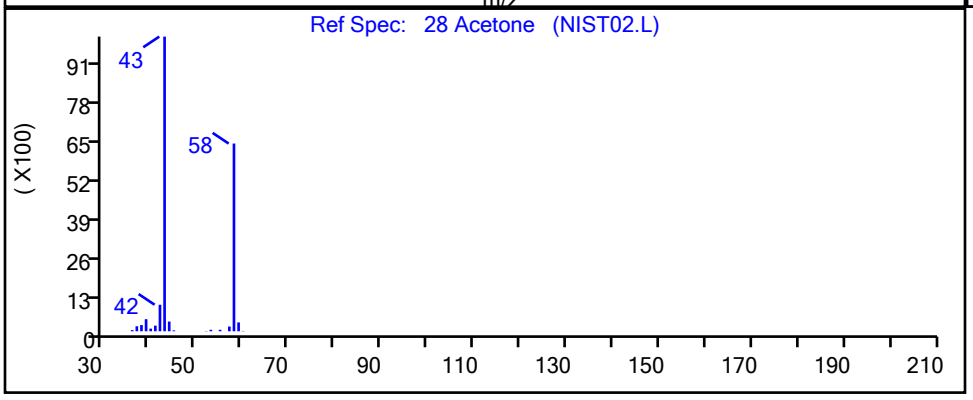
Processing Results











RT	Mass	Response	Amount
2.16	43.00	367	0.572436
2.14	58.00	48	

Reviewer: HVW2, 24-Sep-2023 06:34:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

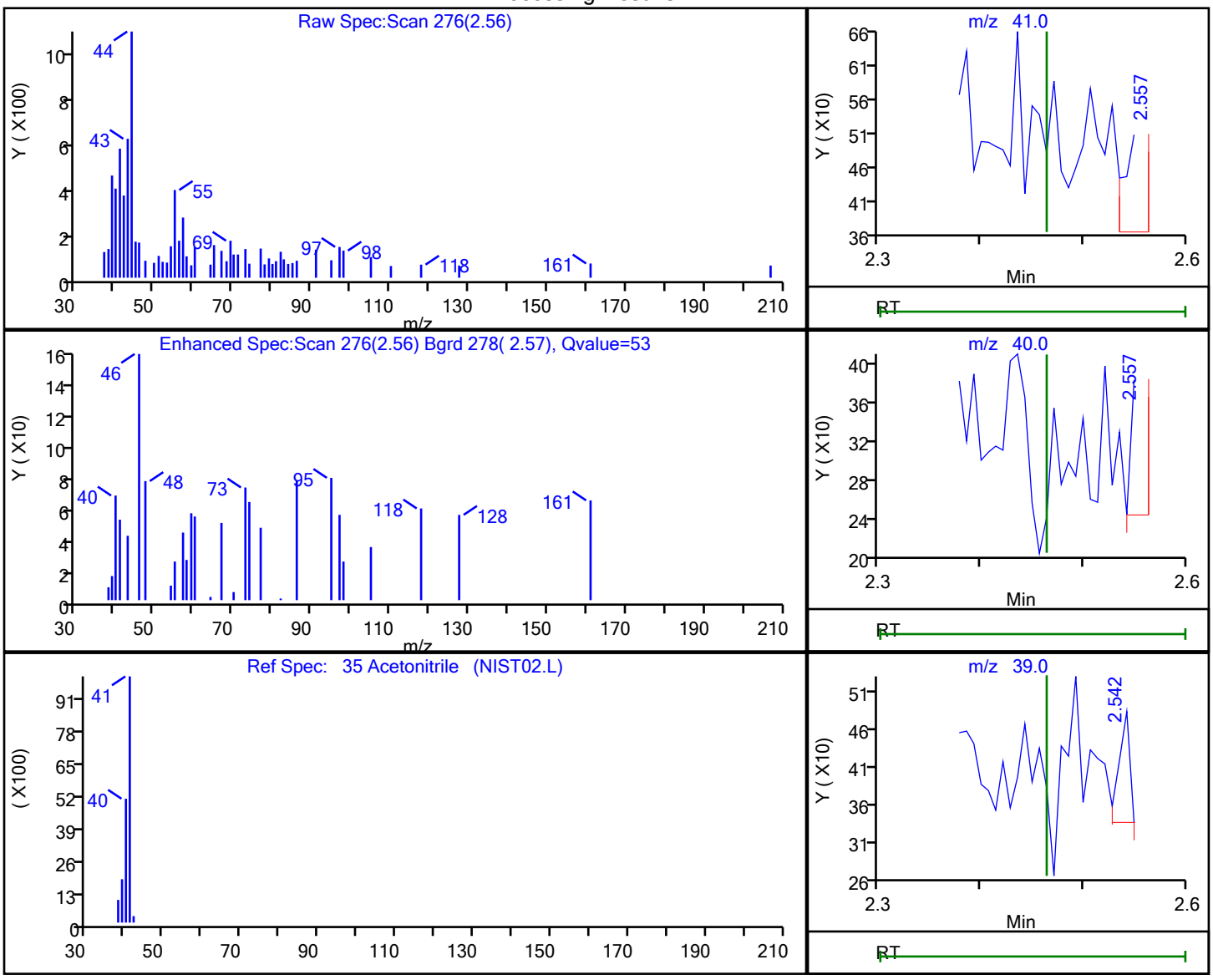
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.56	41.00	258	0.821553
2.56	40.00	135	
2.54	39.00	105	
2.56	38.00	100	

Reviewer: HVW2, 24-Sep-2023 06:34:58 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

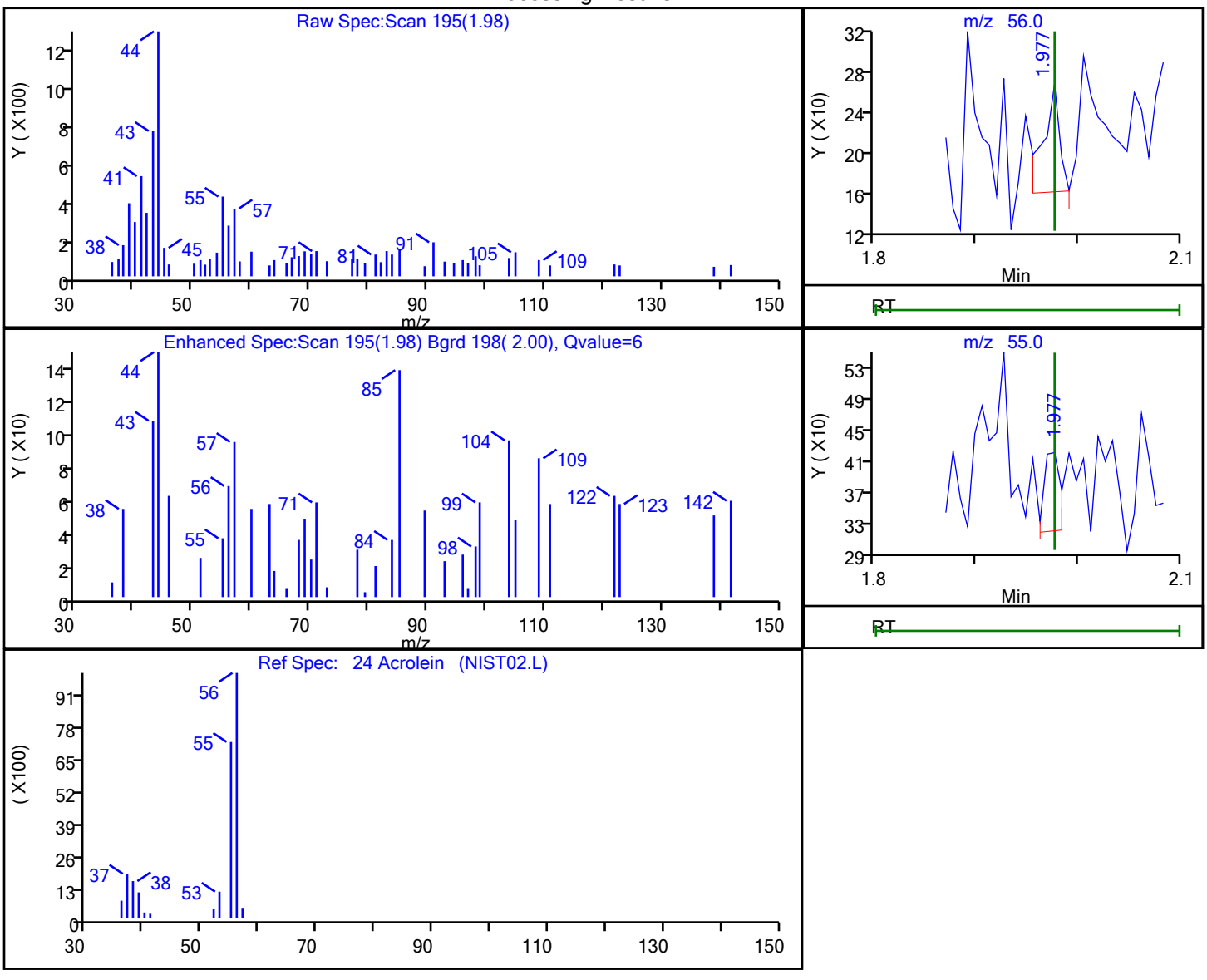
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.98	56.00	111	0.347539
1.98	55.00	111	

Reviewer: HVW2, 24-Sep-2023 06:34:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

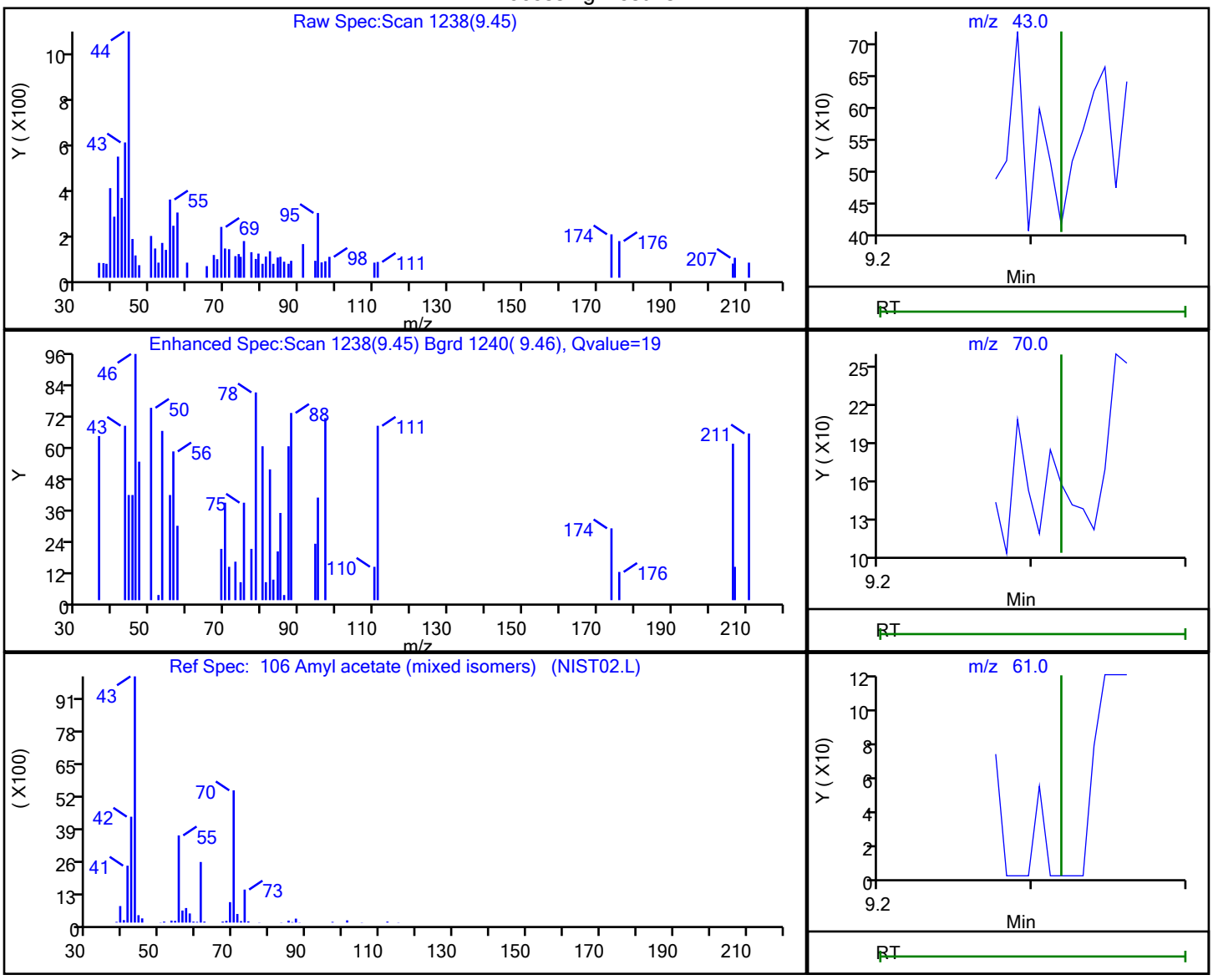
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.45	43.00	123	0.028275
9.45	70.00	83	
9.45	61.00	69	

Reviewer: HVW2, 24-Sep-2023 06:35:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

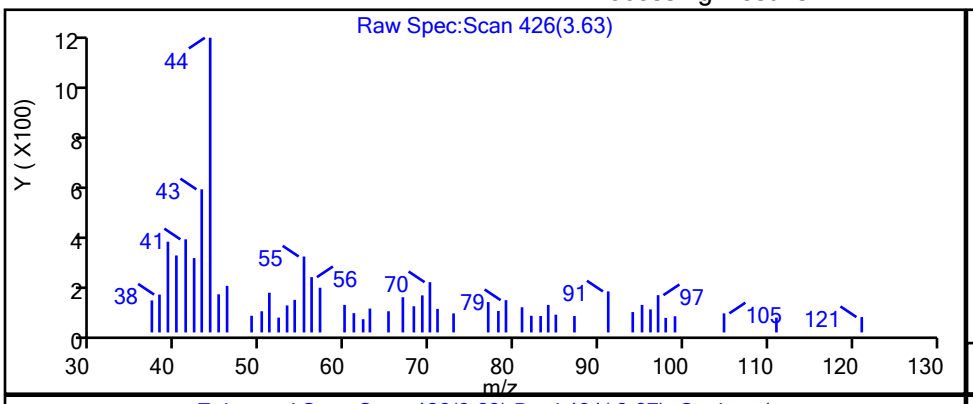
User Disabled Compound Report

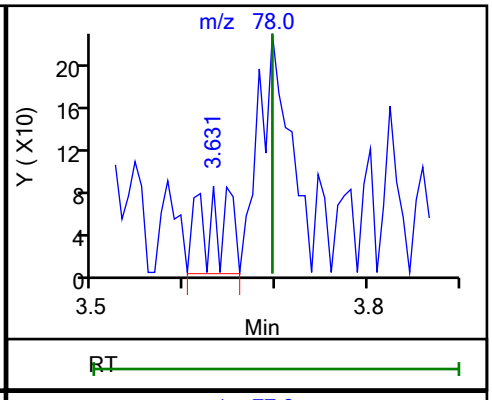
Eurofins Edison

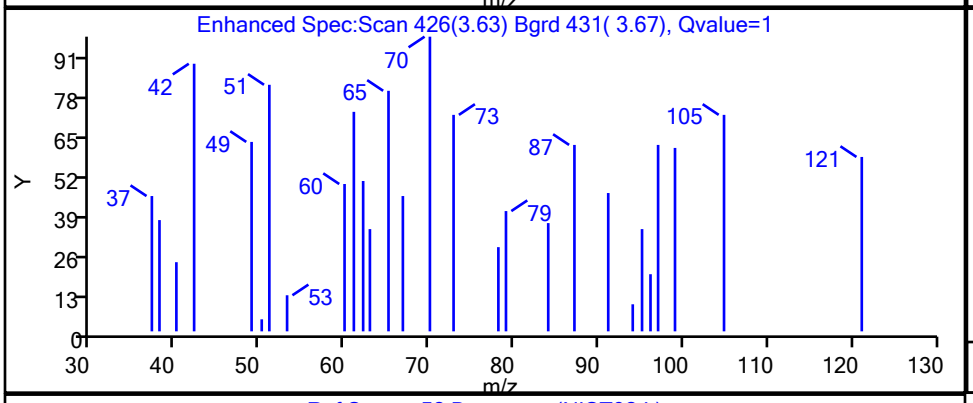
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

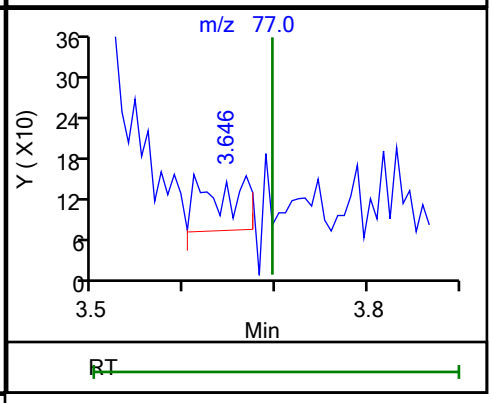
58 Benzene, CAS: 71-43-2

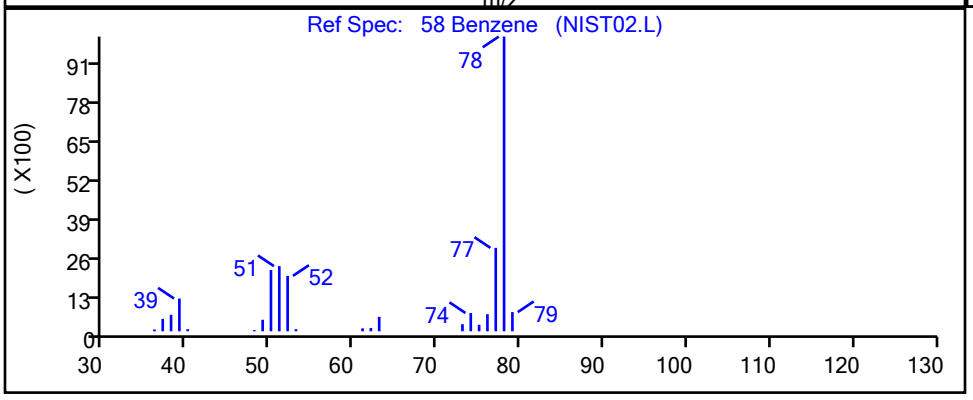
Processing Results











RT	Mass	Response	Amount
3.63	78.00	162	0.012621
3.65	77.00	239	

Reviewer: HVW2, 24-Sep-2023 06:35:17 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

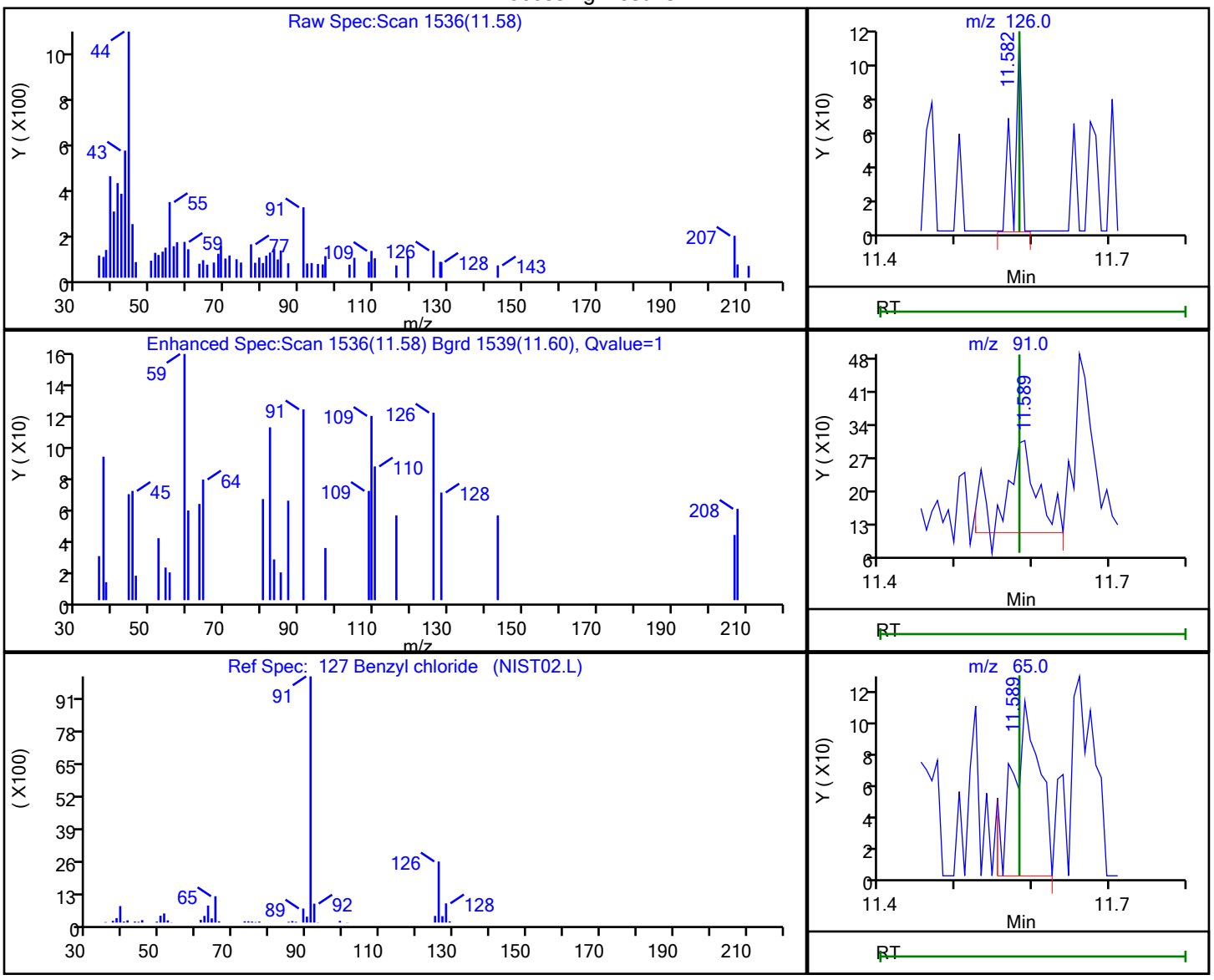
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

127 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
11.58	126.00	77	0.092473
11.59	91.00	557	
11.59	65.00	277	

Reviewer: HVW2, 24-Sep-2023 06:36:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

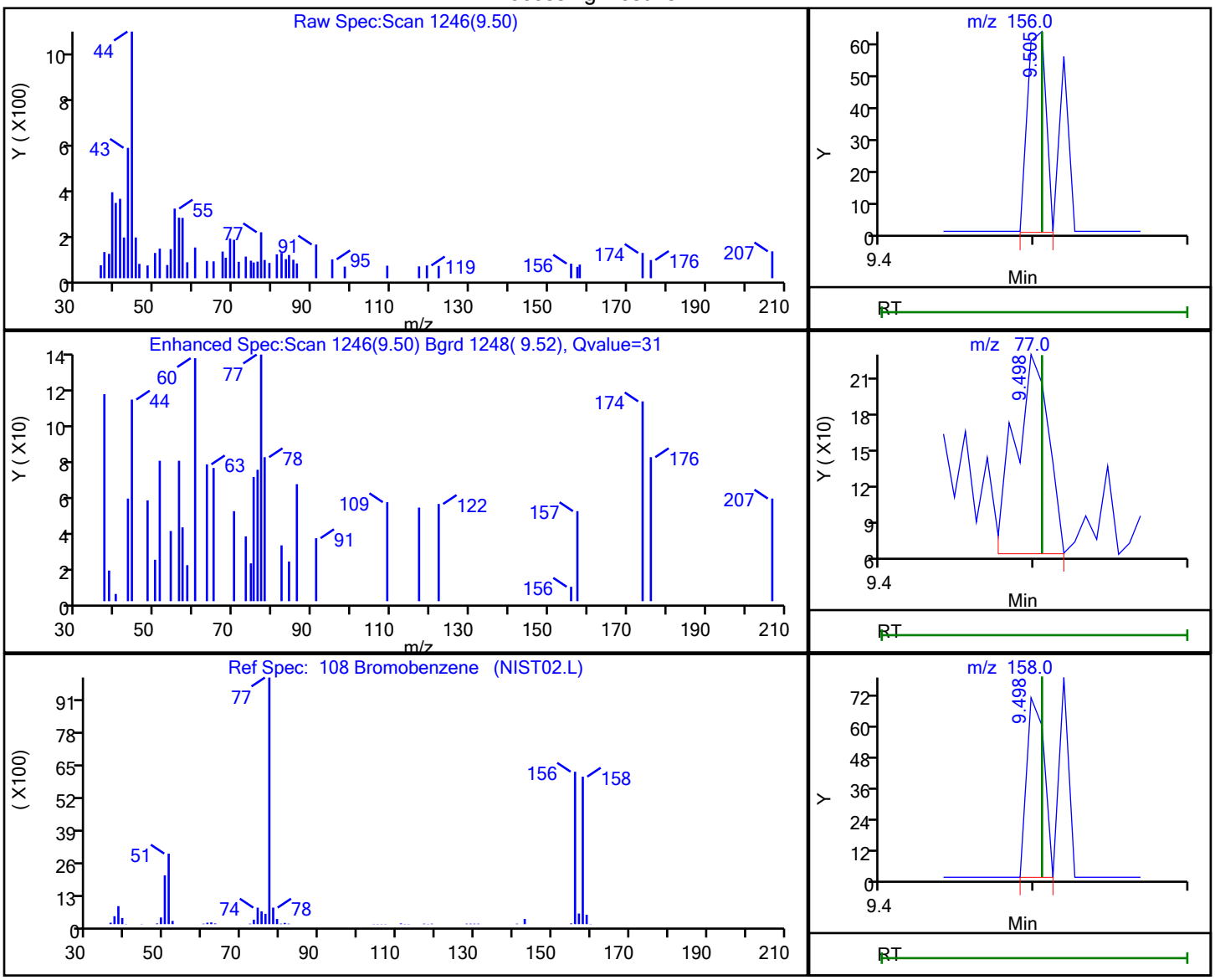
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.50	156.00	54	0.016525
9.50	77.00	242	
9.50	158.00	56	

Reviewer: HVW2, 24-Sep-2023 06:35:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

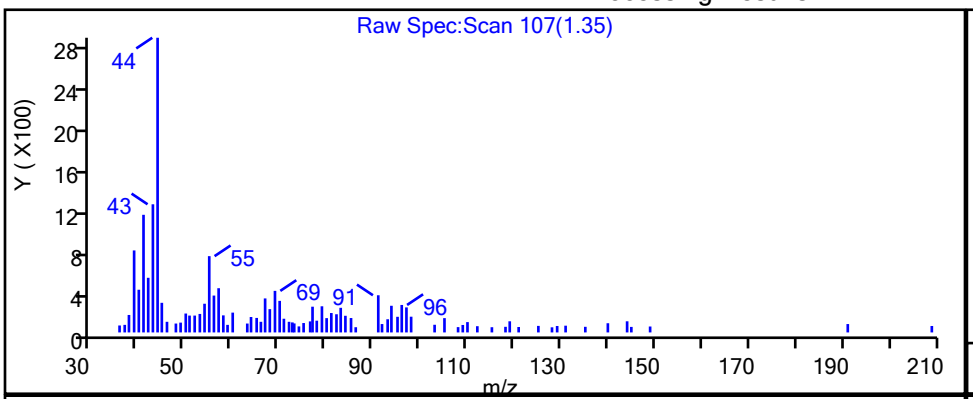
User Disabled Compound Report

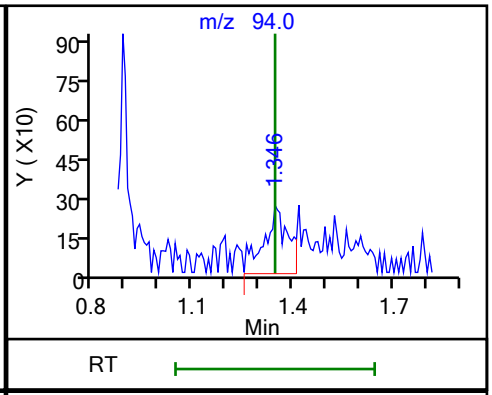
Eurofins Edison

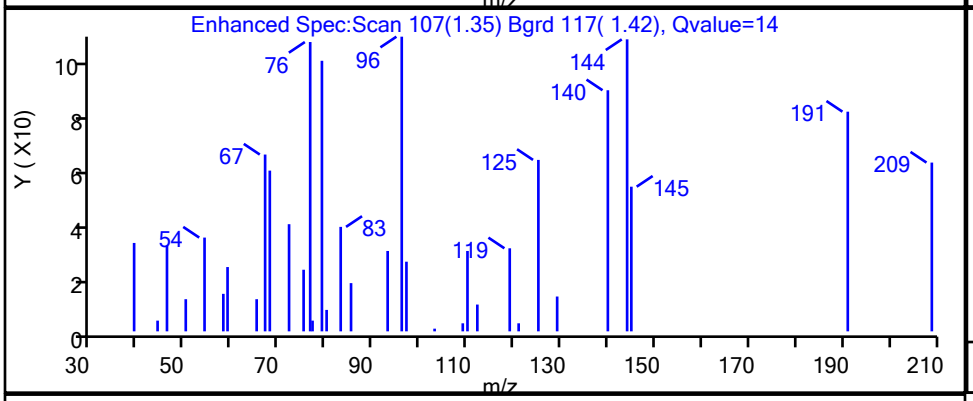
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

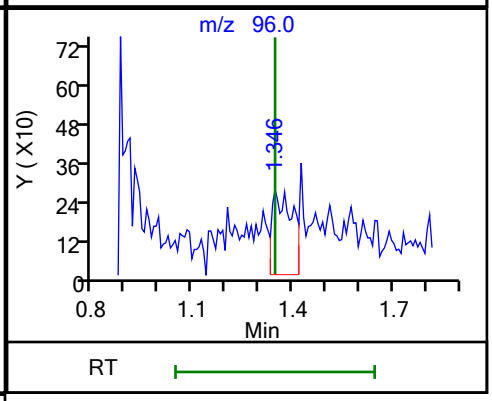
9 Bromomethane, CAS: 74-83-9

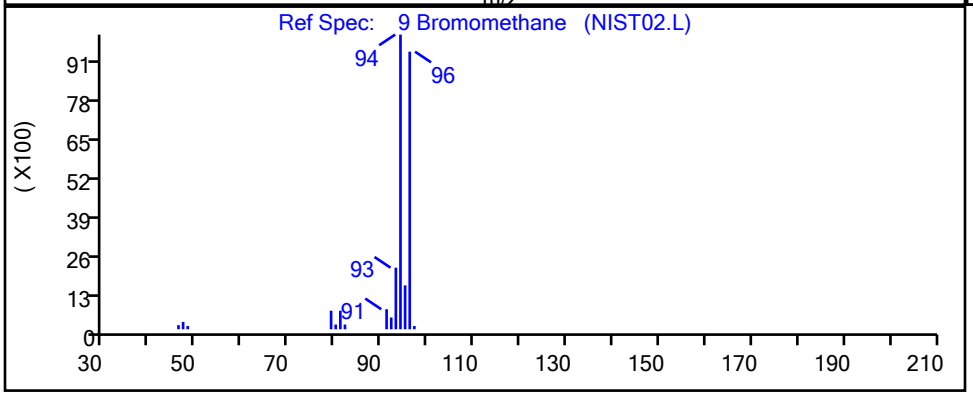
Processing Results











RT	Mass	Response	Amount
1.35	94.00	1275	0.799021
1.35	96.00	1129	

Reviewer: RD6L, 23-Sep-2023 07:05:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

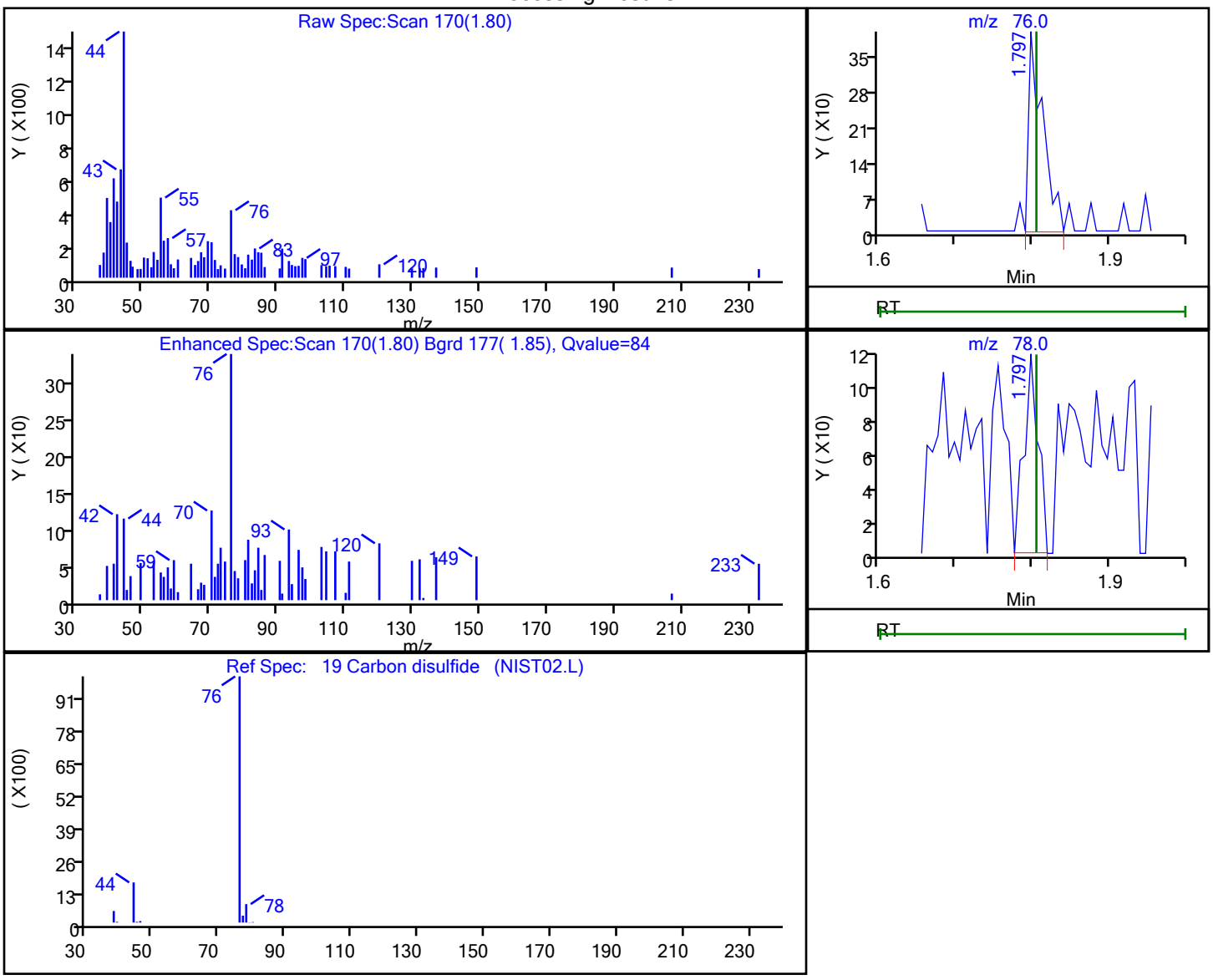
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.80	76.00	503	0.044730
1.80	78.00	156	

Reviewer: HVW2, 24-Sep-2023 06:34:44 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

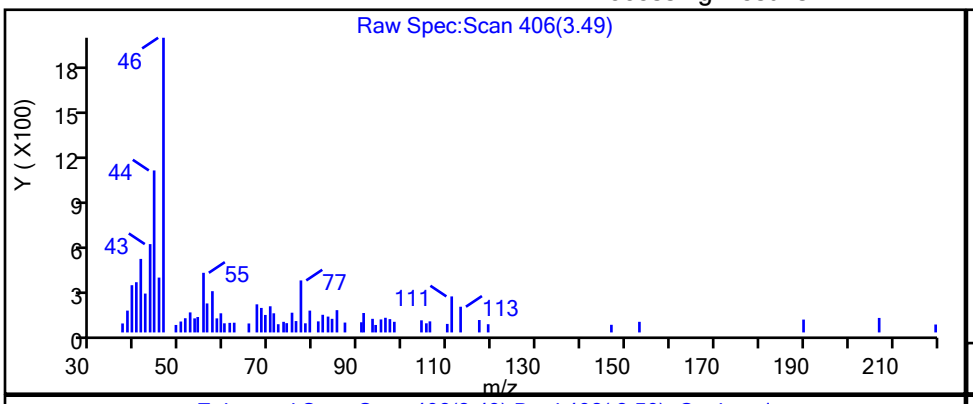
User Disabled Compound Report

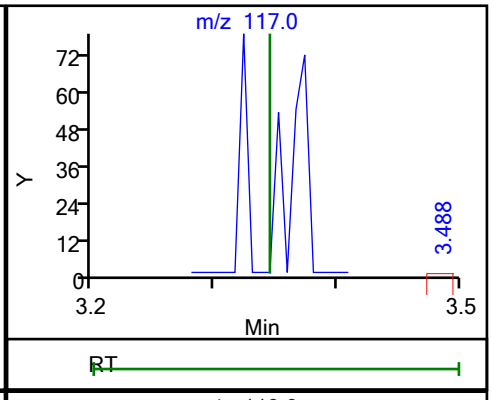
Eurofins Edison

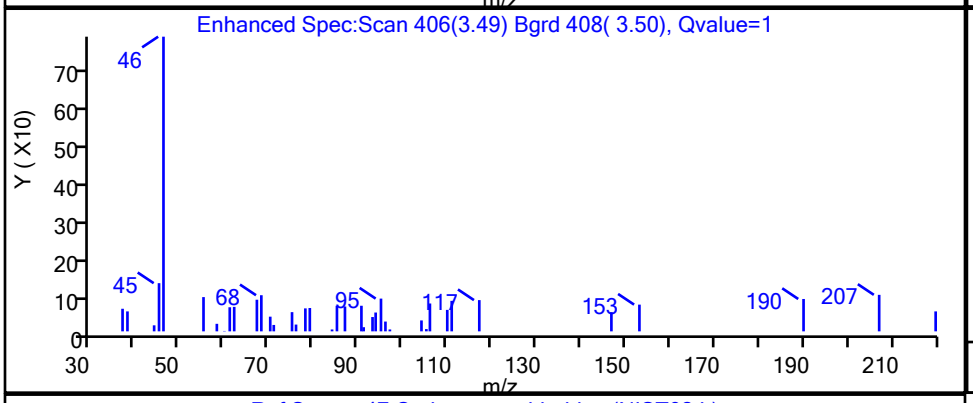
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D				
Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

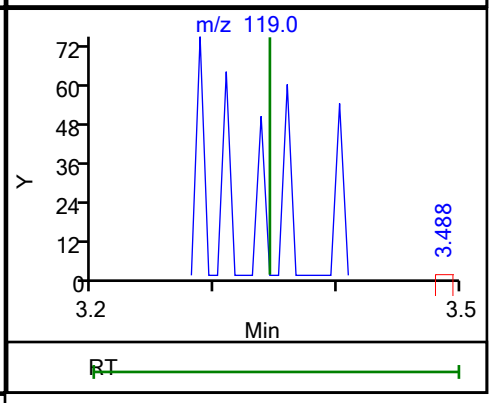
47 Carbon tetrachloride, CAS: 56-23-5

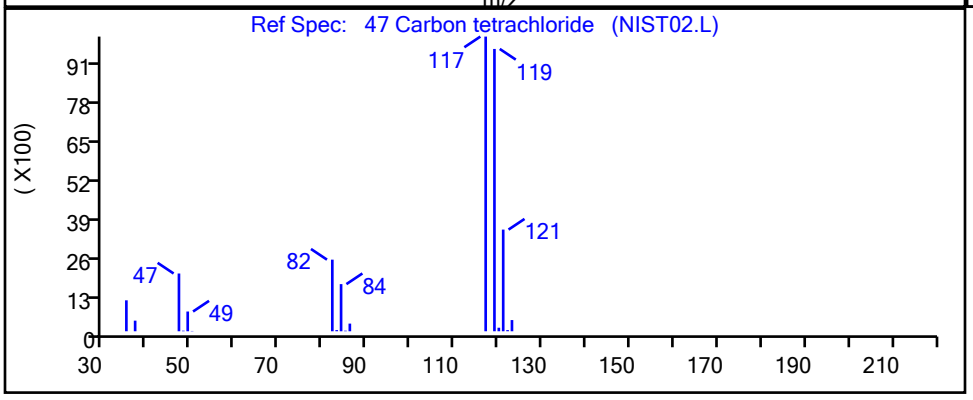
Processing Results











RT	Mass	Response	Amount
3.49	117.00	57	0.014167
3.49	119.00	24	

Reviewer: HVW2, 24-Sep-2023 06:35:11 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

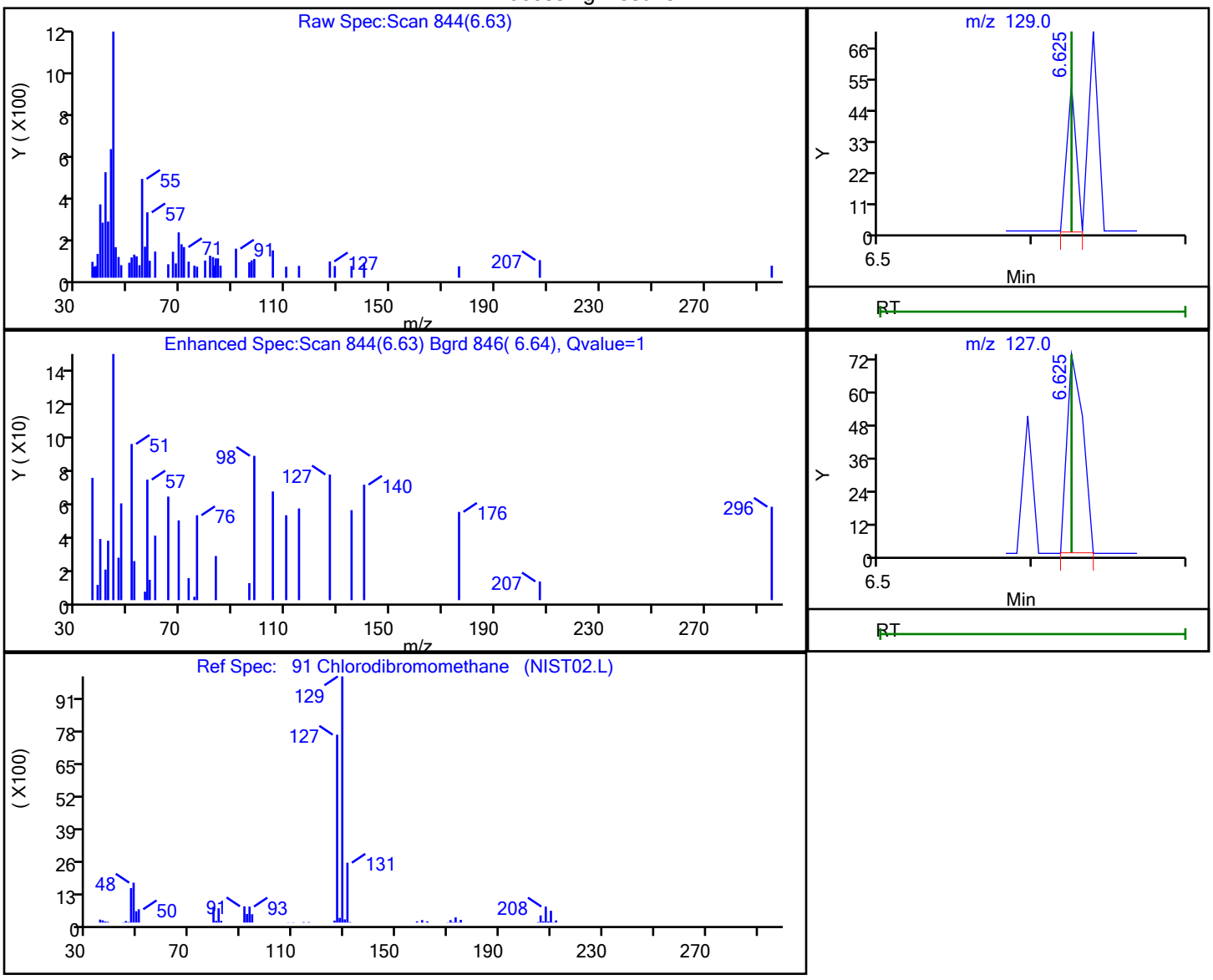
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 Chlorodibromomethane, CAS: 124-48-1

Processing Results



RT	Mass	Response	Amount
6.63	129.00	23	0.009241
6.63	127.00	54	

Reviewer: HVW2, 24-Sep-2023 06:35:41 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

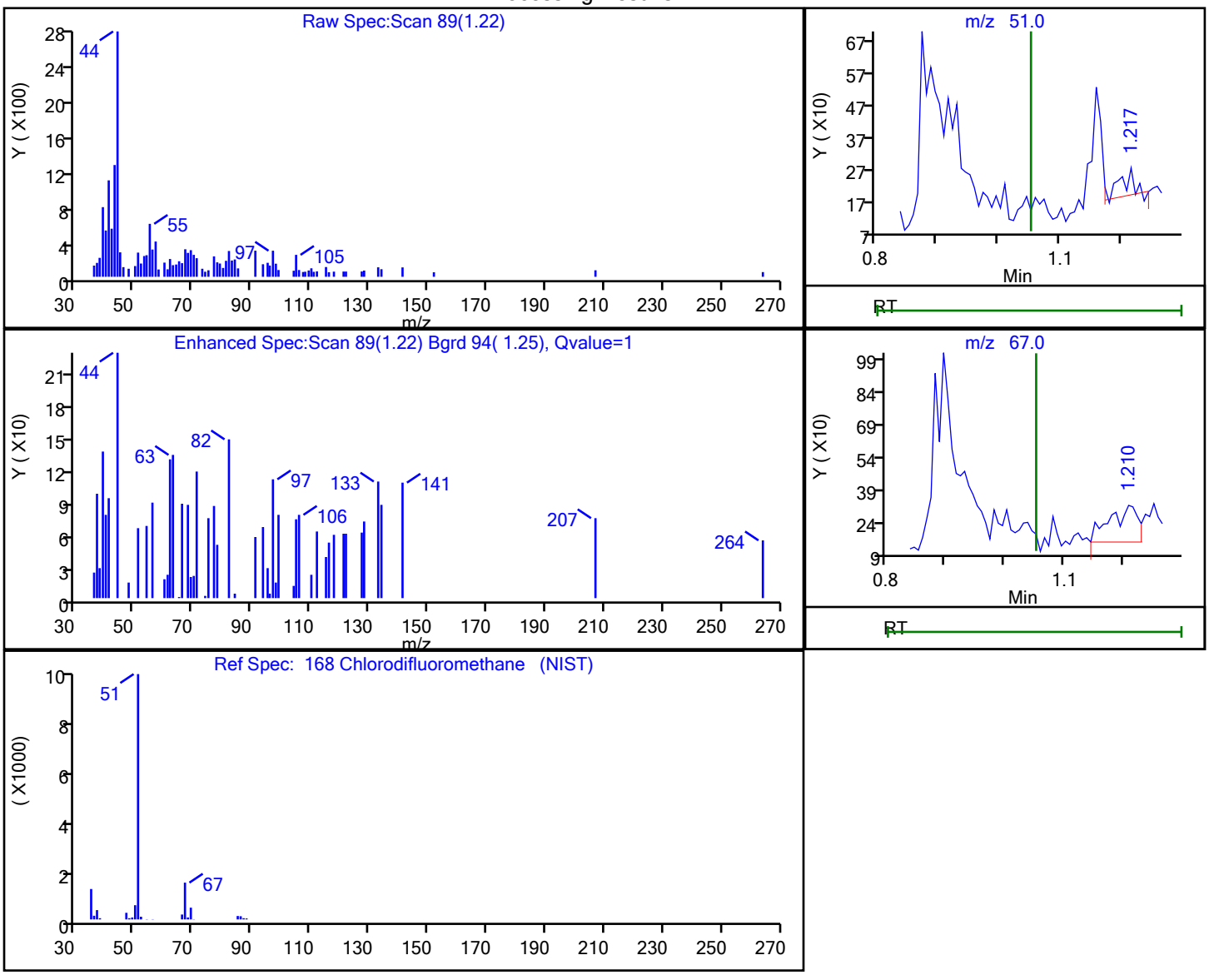
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

168 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.22	51.00	129	0.018501
1.21	67.00	580	

Reviewer: RD6L, 23-Sep-2023 07:05:35 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

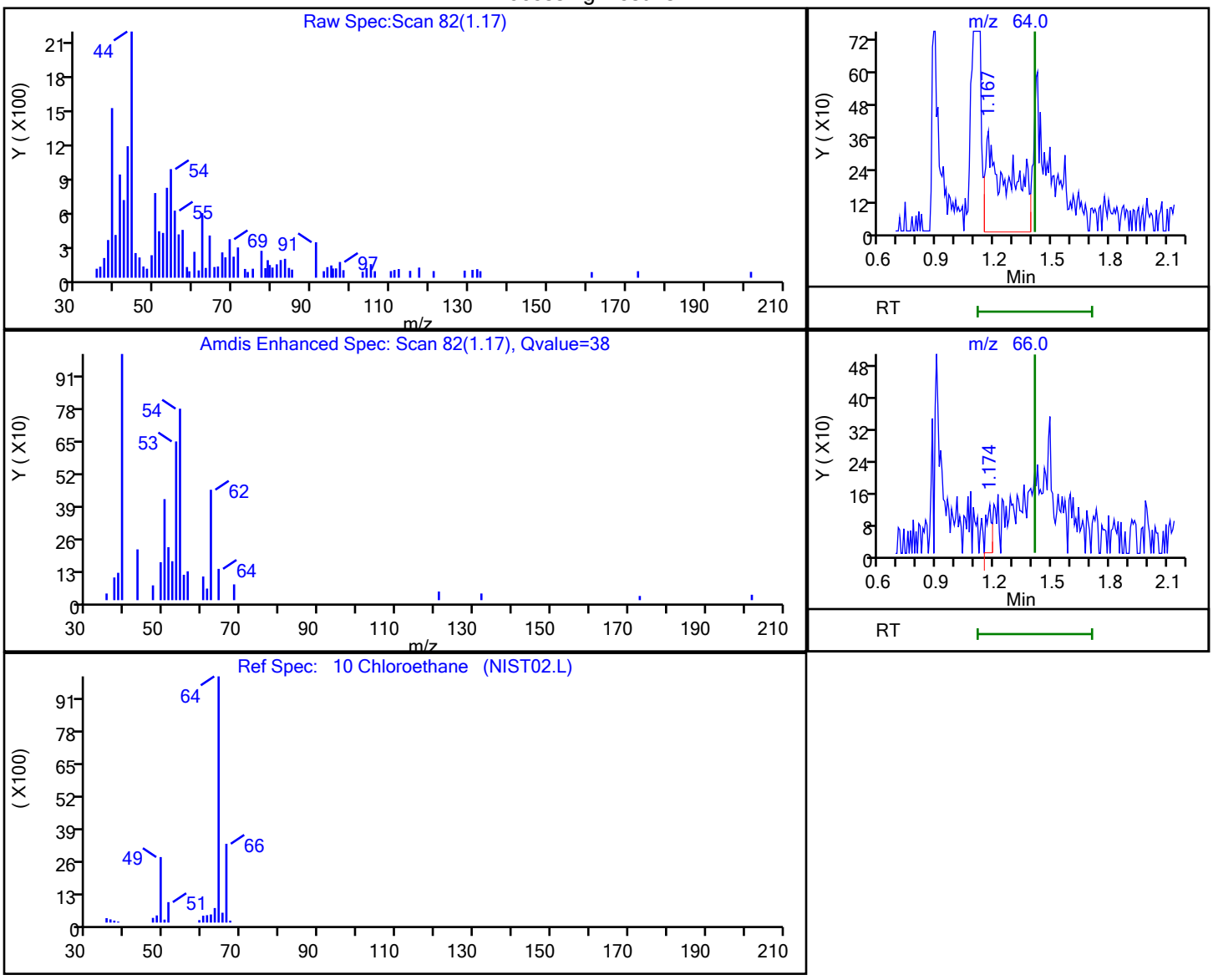
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.17	64.00	3120	1.177851
1.17	66.00	237	

Reviewer: RD6L, 23-Sep-2023 07:05:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

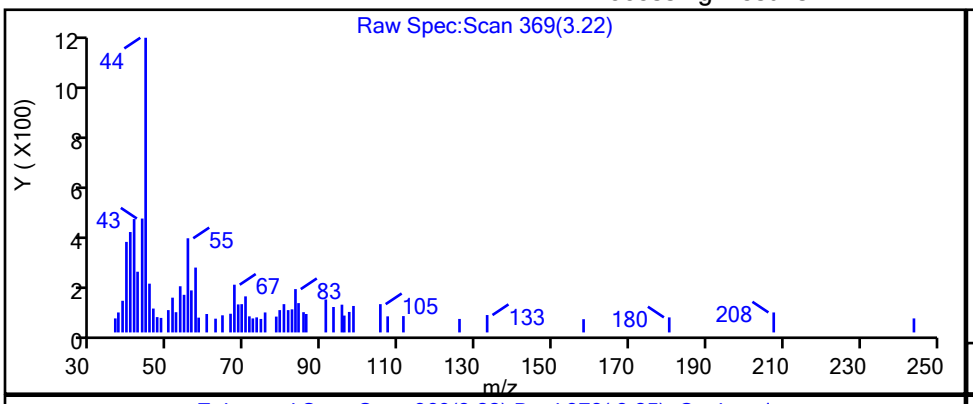
User Disabled Compound Report

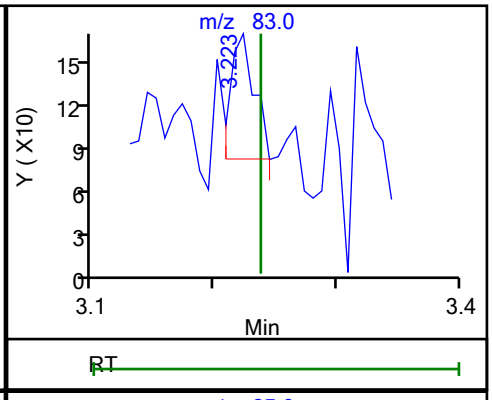
Eurofins Edison

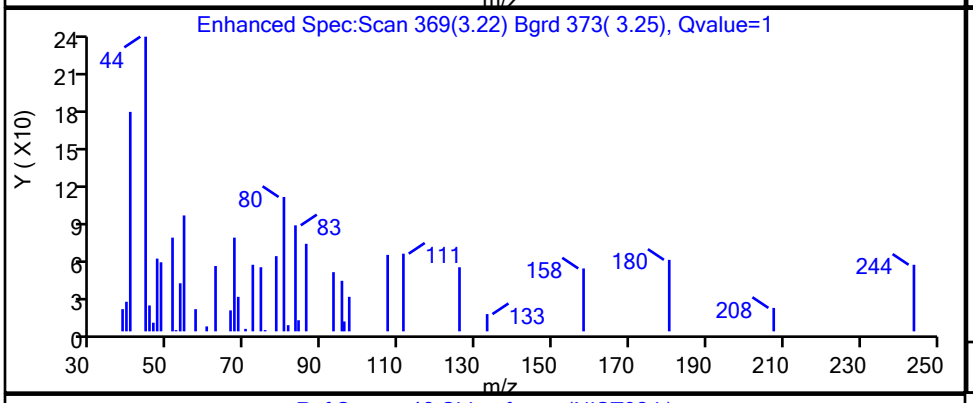
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

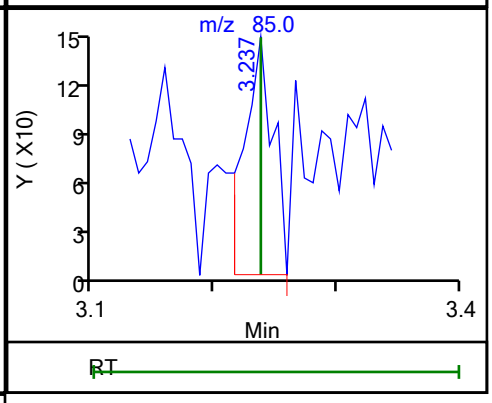
46 Chloroform, CAS: 67-66-3

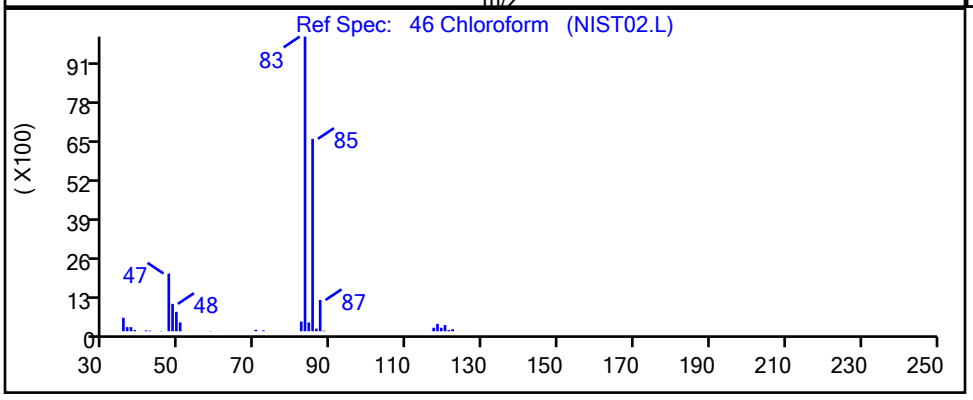
Processing Results











RT	Mass	Response	Amount
3.22	83.00	119	0.022314
3.24	85.00	244	

Reviewer: HVW2, 24-Sep-2023 06:35:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

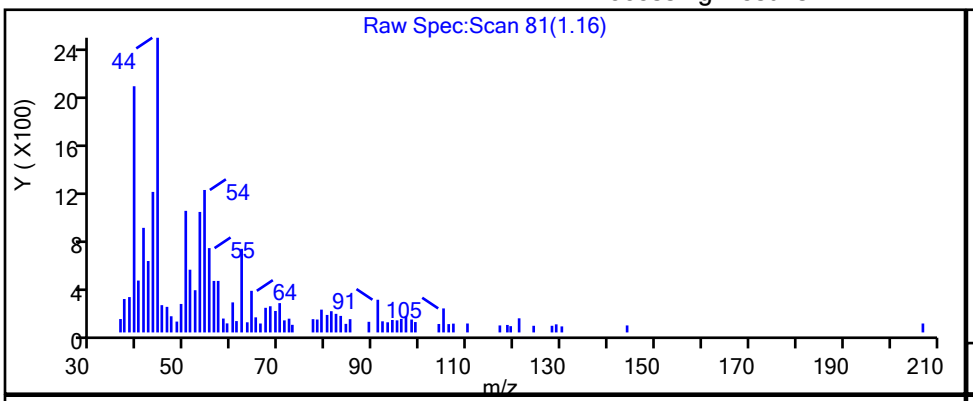
User Disabled Compound Report

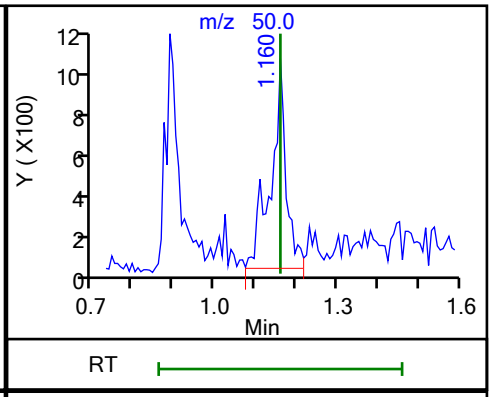
Eurofins Edison

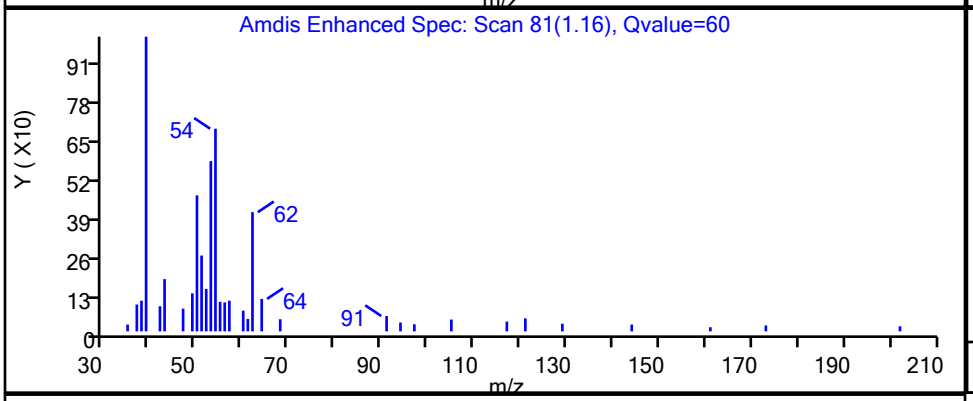
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

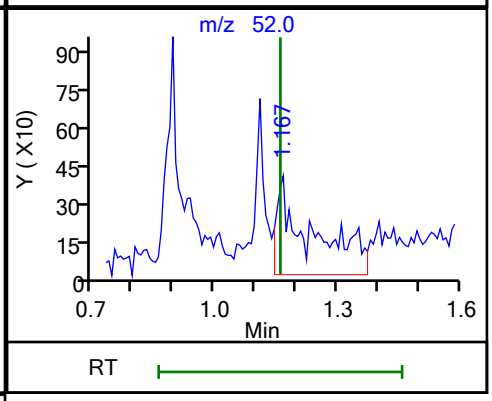
6 Chloromethane, CAS: 74-87-3

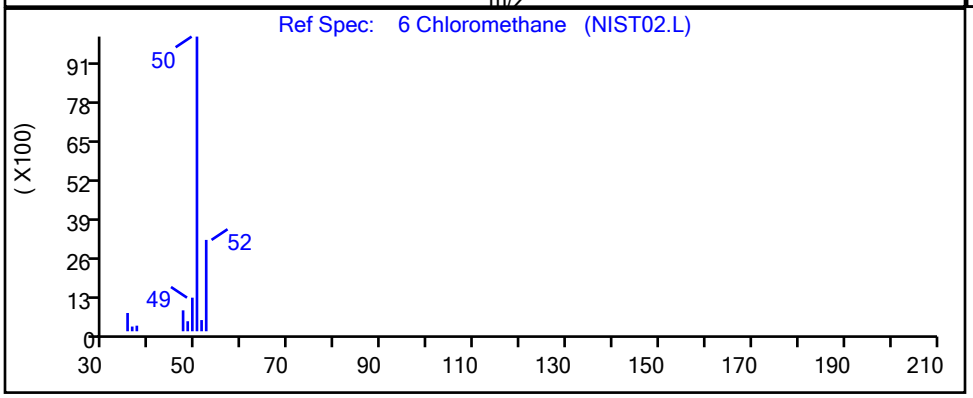
Processing Results











RT	Mass	Response	Amount
1.16	50.00	2391	0.338154
1.17	52.00	2375	

Reviewer: RD6L, 23-Sep-2023 07:05:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

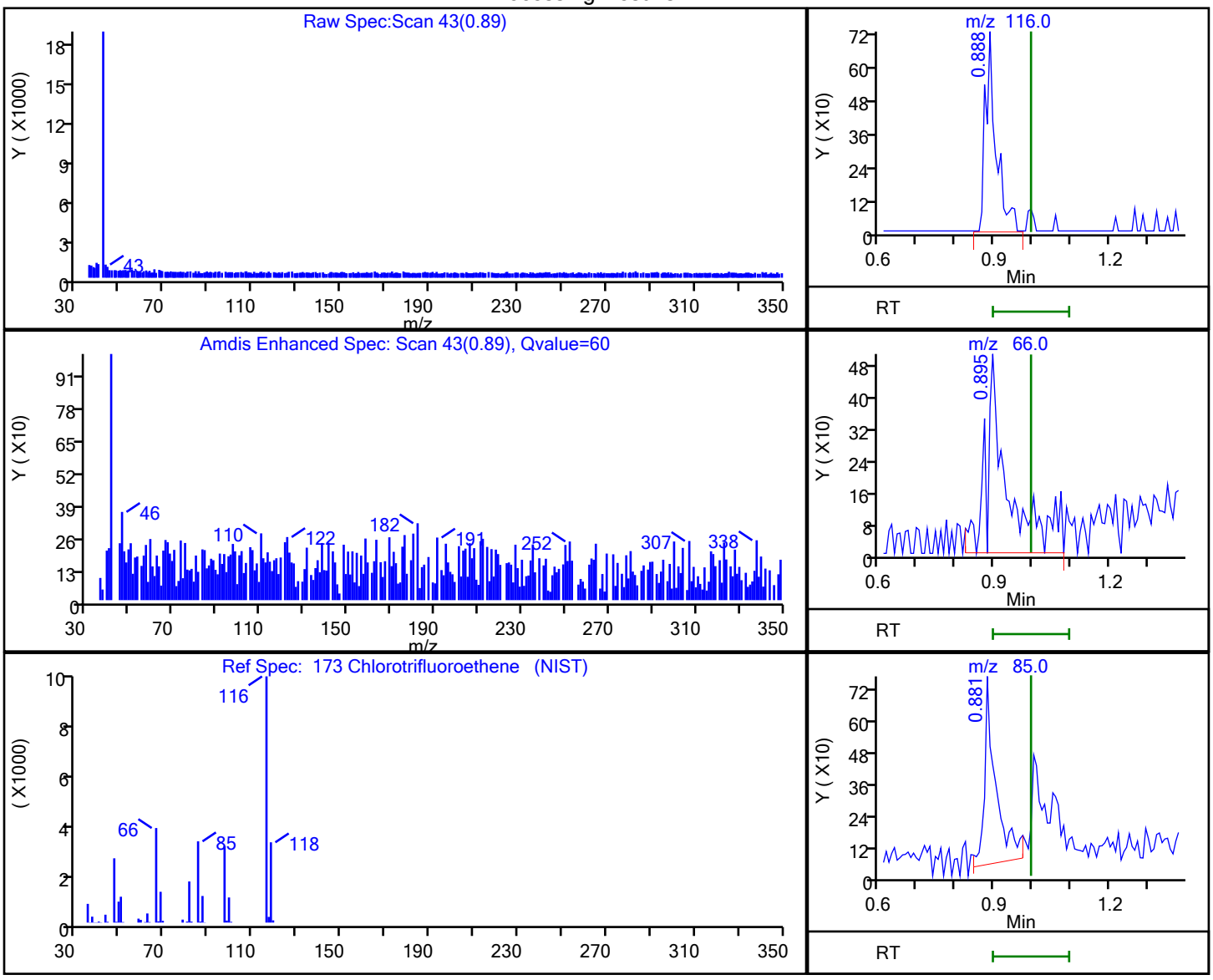
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

173 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.89	116.00	1394	2.253391
0.89	66.00	2073	
0.88	85.00	1505	
0.90	118.00	1319	

Reviewer: RD6L, 23-Sep-2023 07:05:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

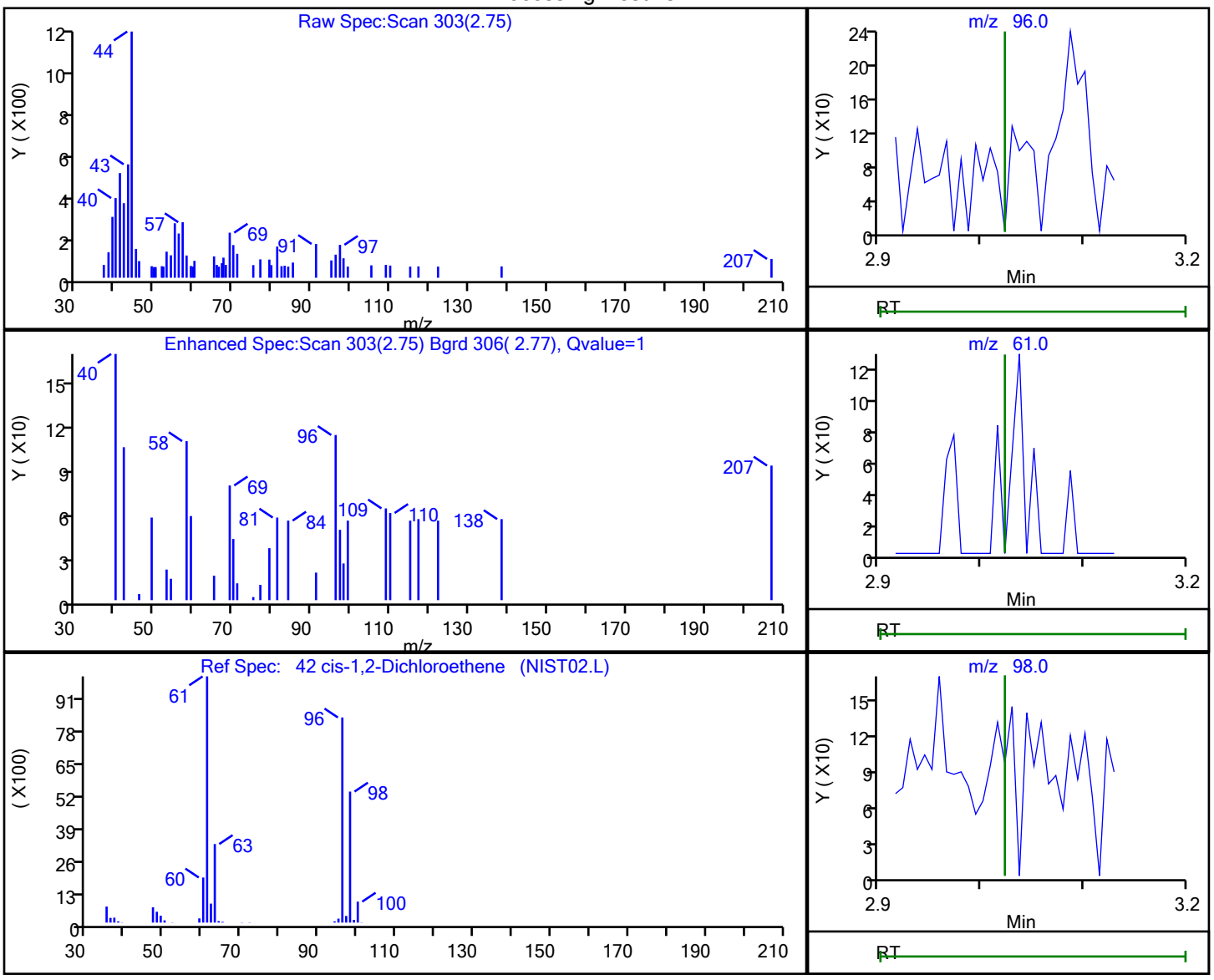
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
2.75	96.00	125	0.038082
2.76	61.00	30	
2.74	98.00	245	

Reviewer: HVW2, 24-Sep-2023 06:35:05 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

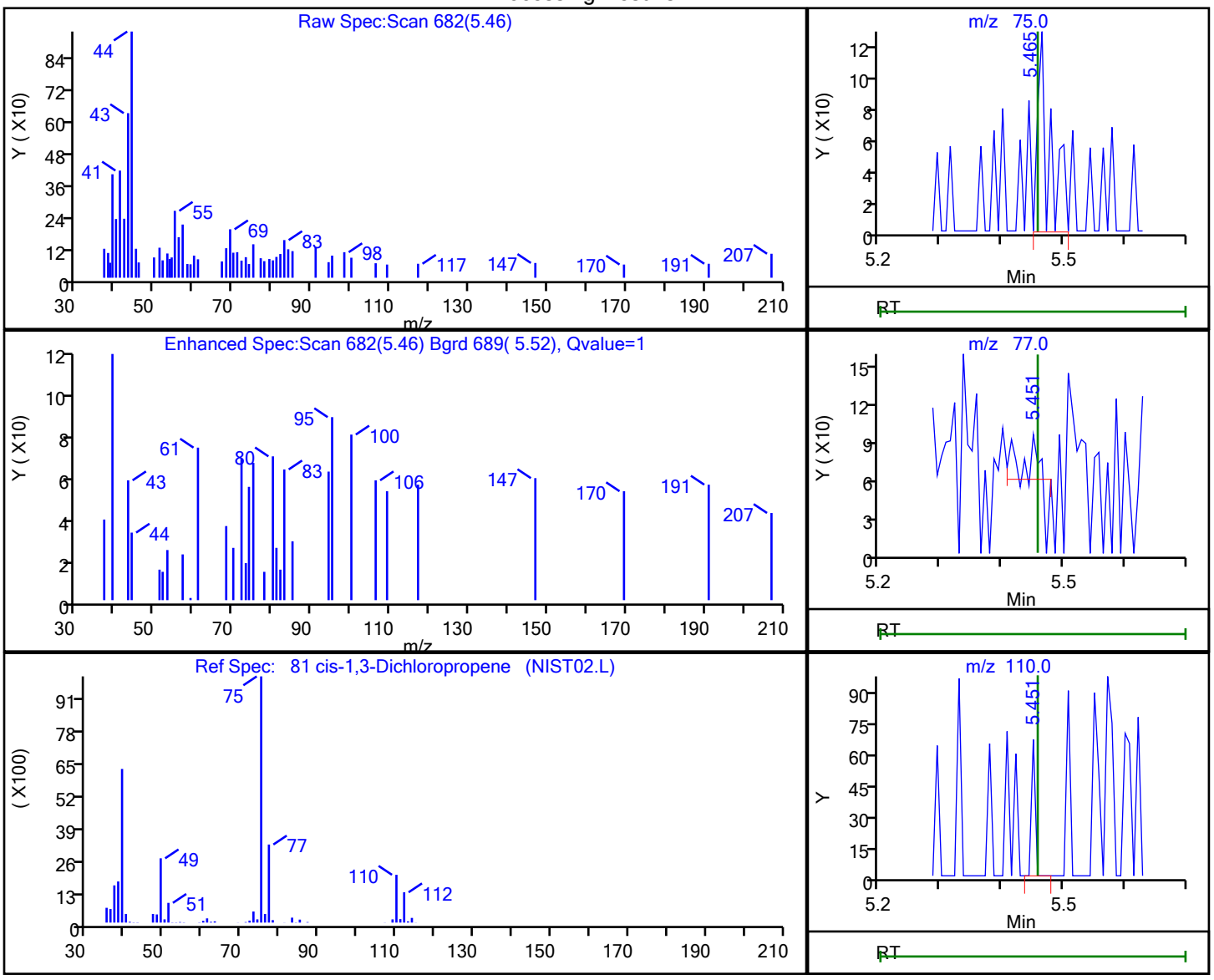
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.46	75.00	168	0.032118
5.45	77.00	28	
5.45	110.00	29	

Reviewer: HVW2, 24-Sep-2023 06:35:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

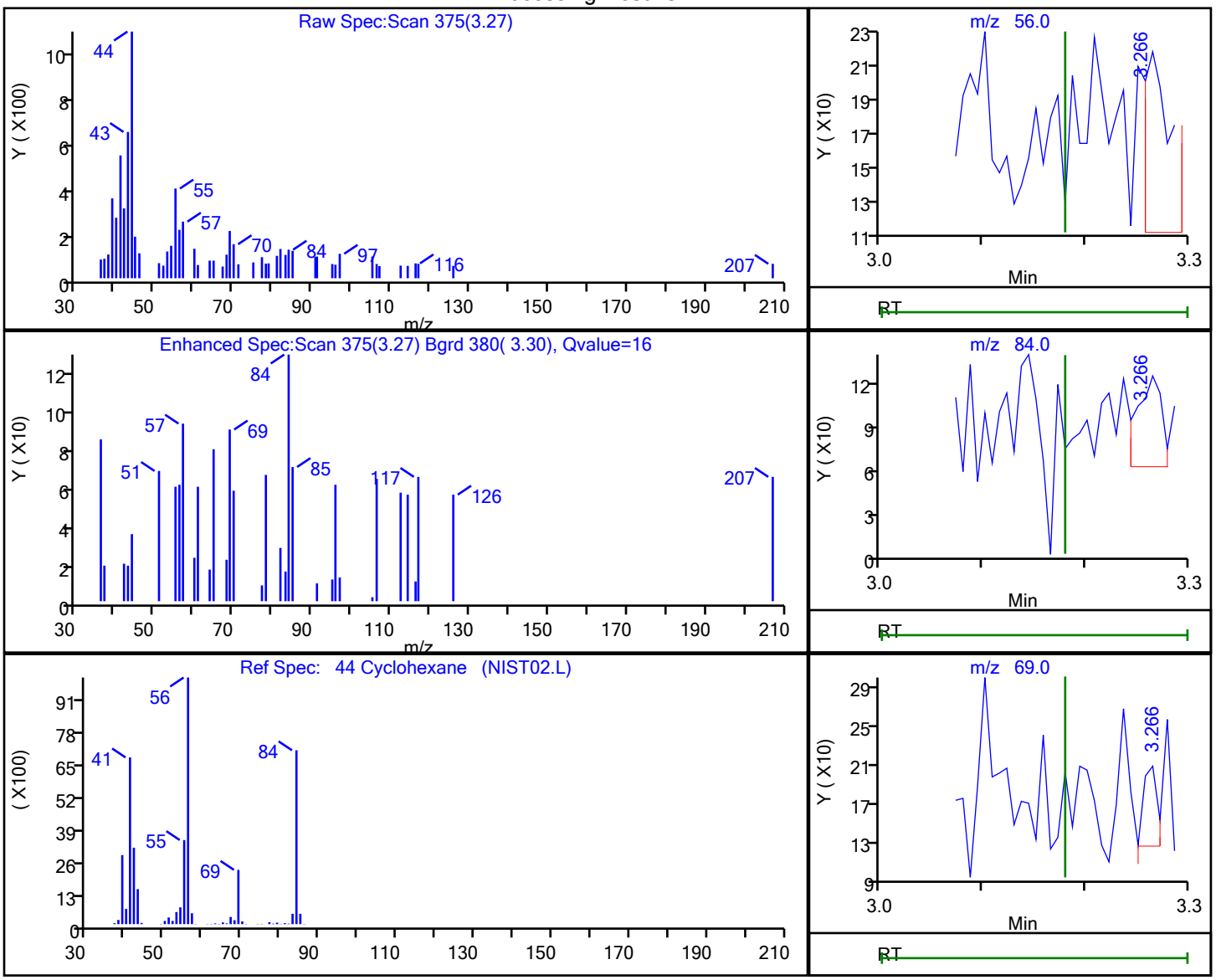
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.27	56.00	169	0.034358
3.27	84.00	107	
3.27	69.00	77	

Reviewer: HVW2, 24-Sep-2023 06:35:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

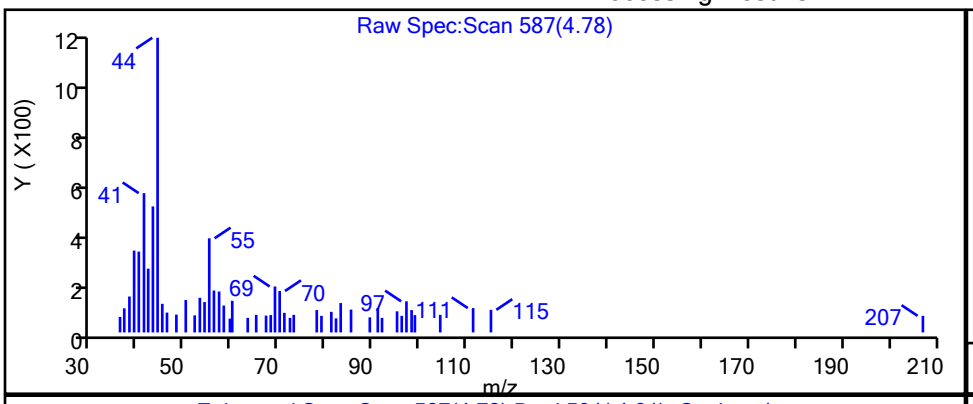
User Disabled Compound Report

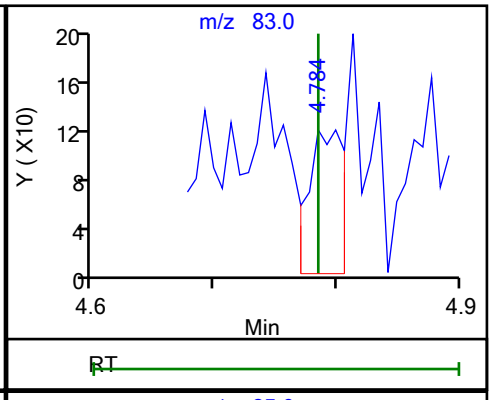
Eurofins Edison

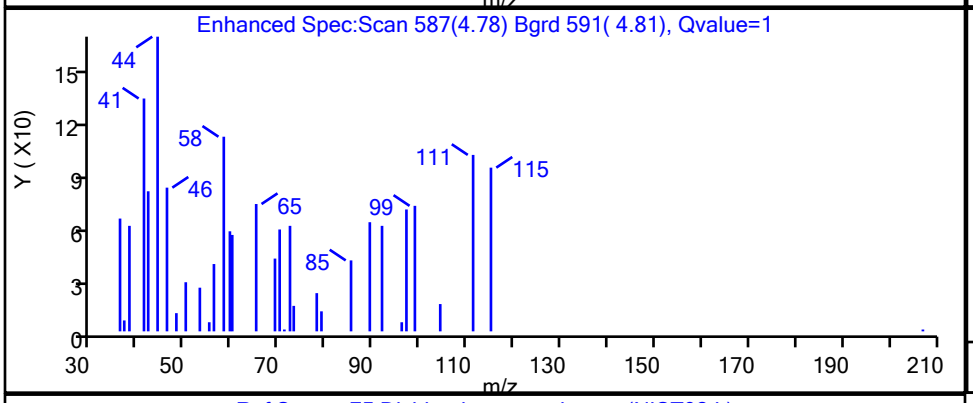
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

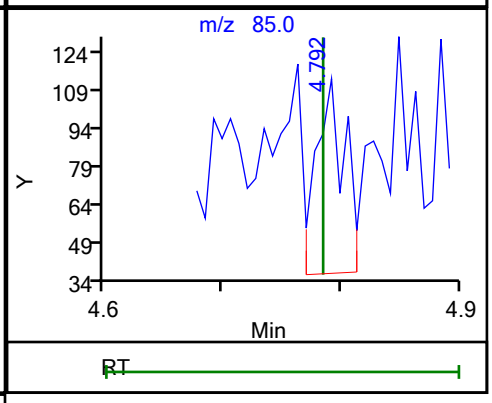
75 Dichlorobromomethane, CAS: 75-27-4

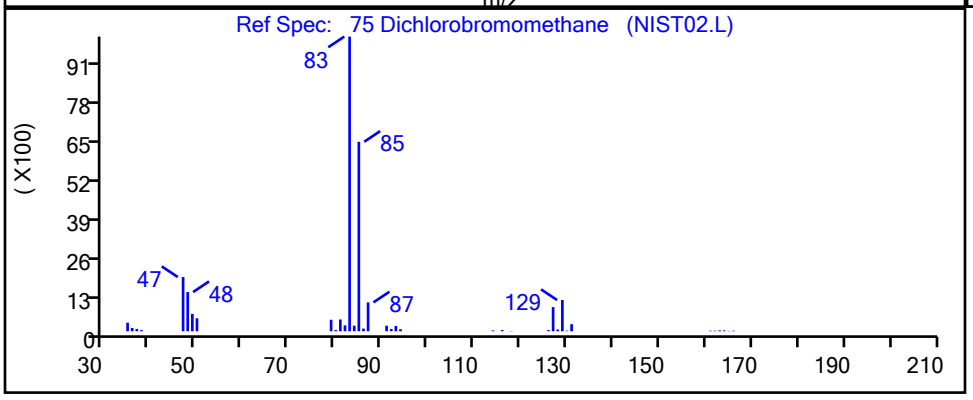
Processing Results











RT	Mass	Response	Amount
4.78	83.00	241	0.059599
4.79	85.00	136	

Reviewer: HVW2, 24-Sep-2023 06:35:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

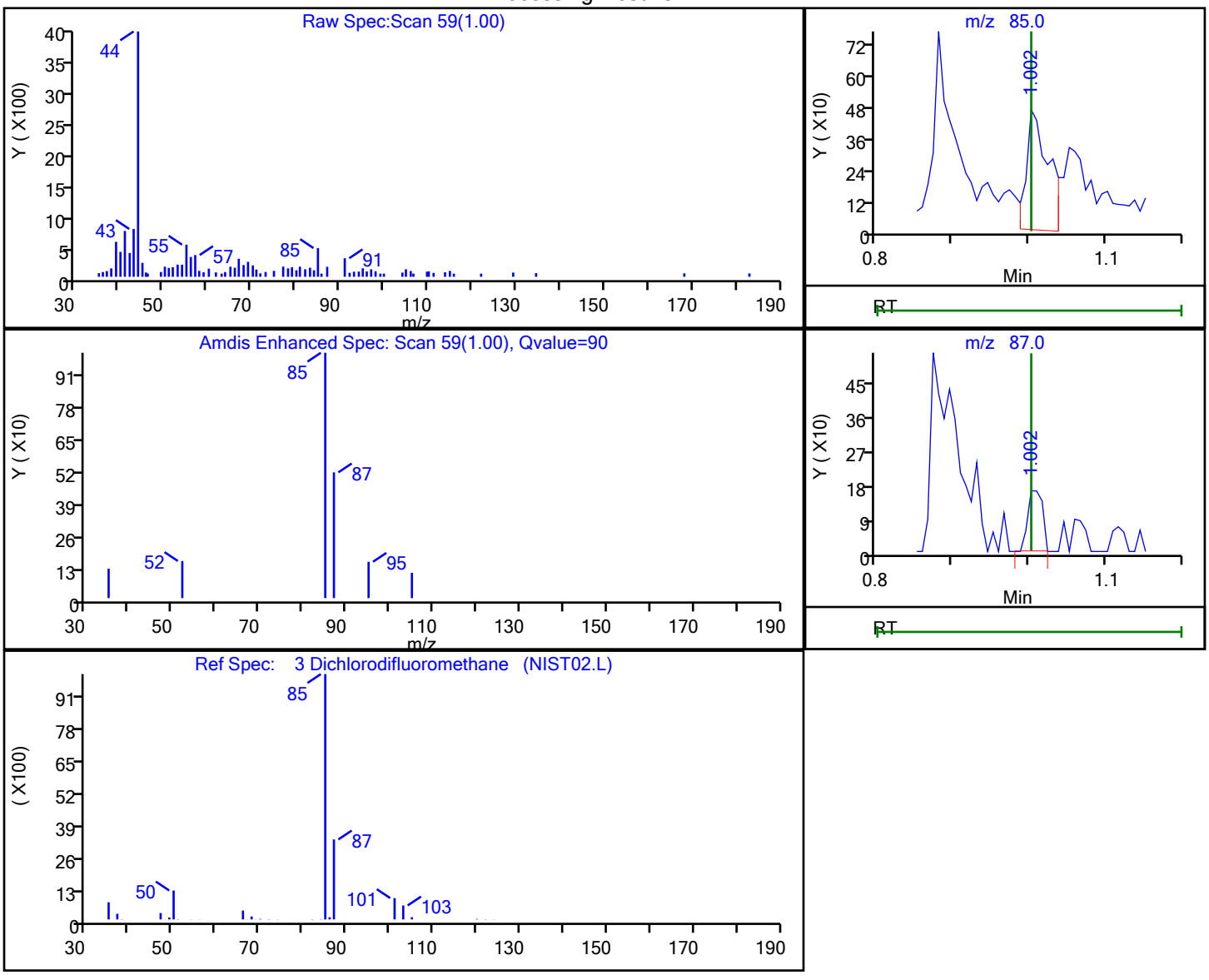
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.00	85.00	933	0.255090
1.00	87.00	217	

Reviewer: RD6L, 23-Sep-2023 07:05:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

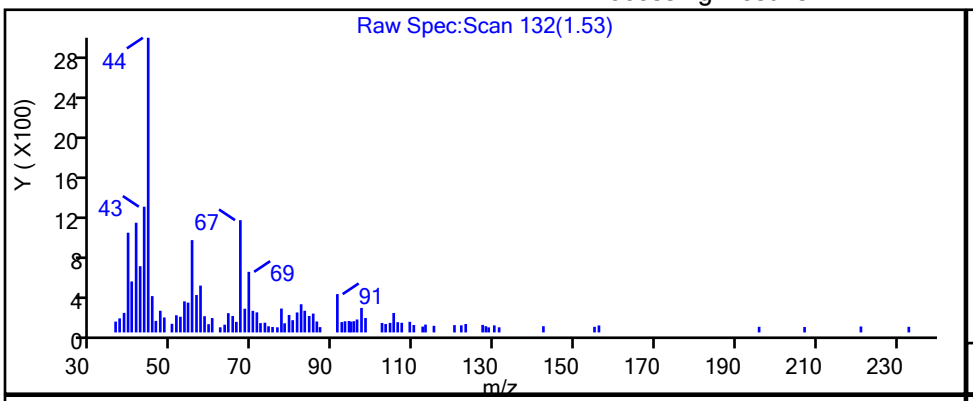
User Disabled Compound Report

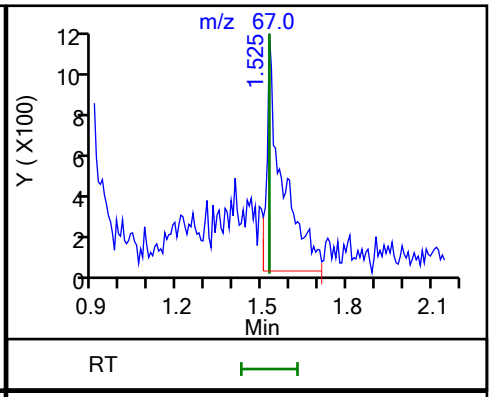
Eurofins Edison

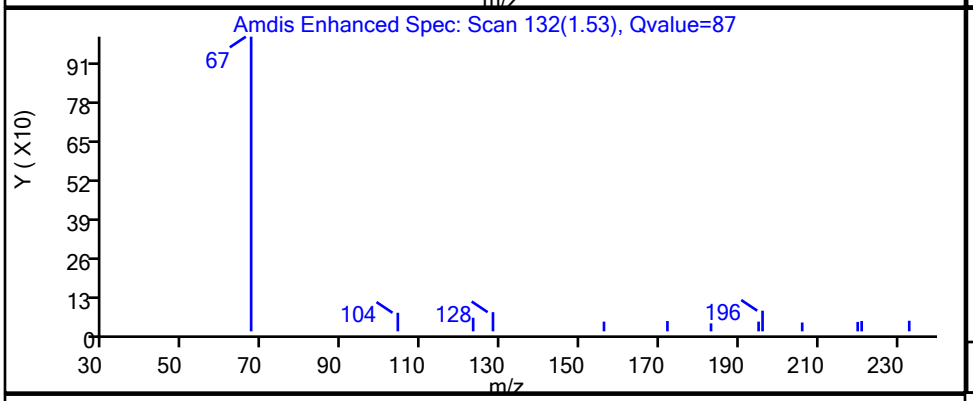
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

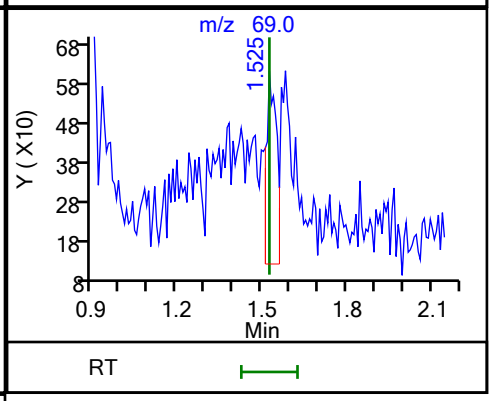
177 Dichlorofluoromethane, CAS: 75-43-4

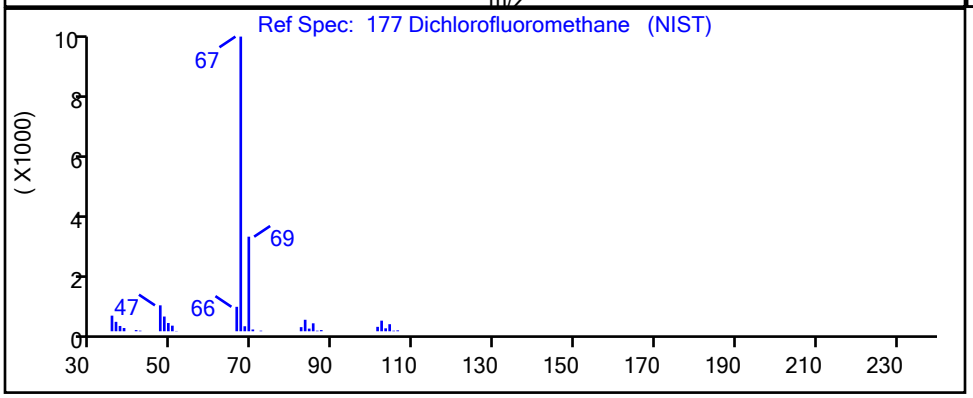
Processing Results











RT	Mass	Response	Amount
1.53	67.00	4005	0.704350
1.53	69.00	1213	

Reviewer: RD6L, 23-Sep-2023 07:05:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

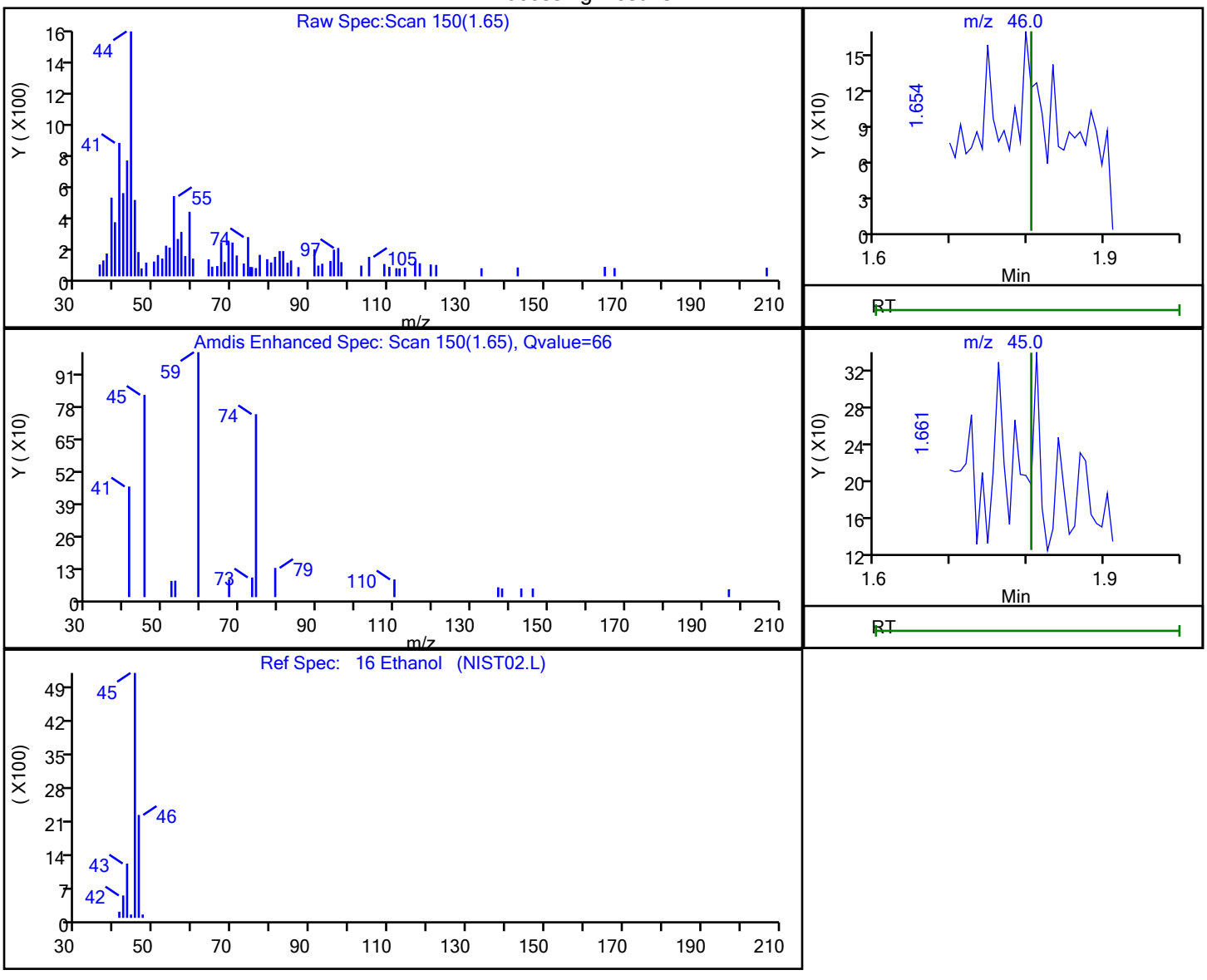
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.65	46.00	254	230.0989
1.66	45.00	1292	

Reviewer: RD6L, 23-Sep-2023 07:05:54 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

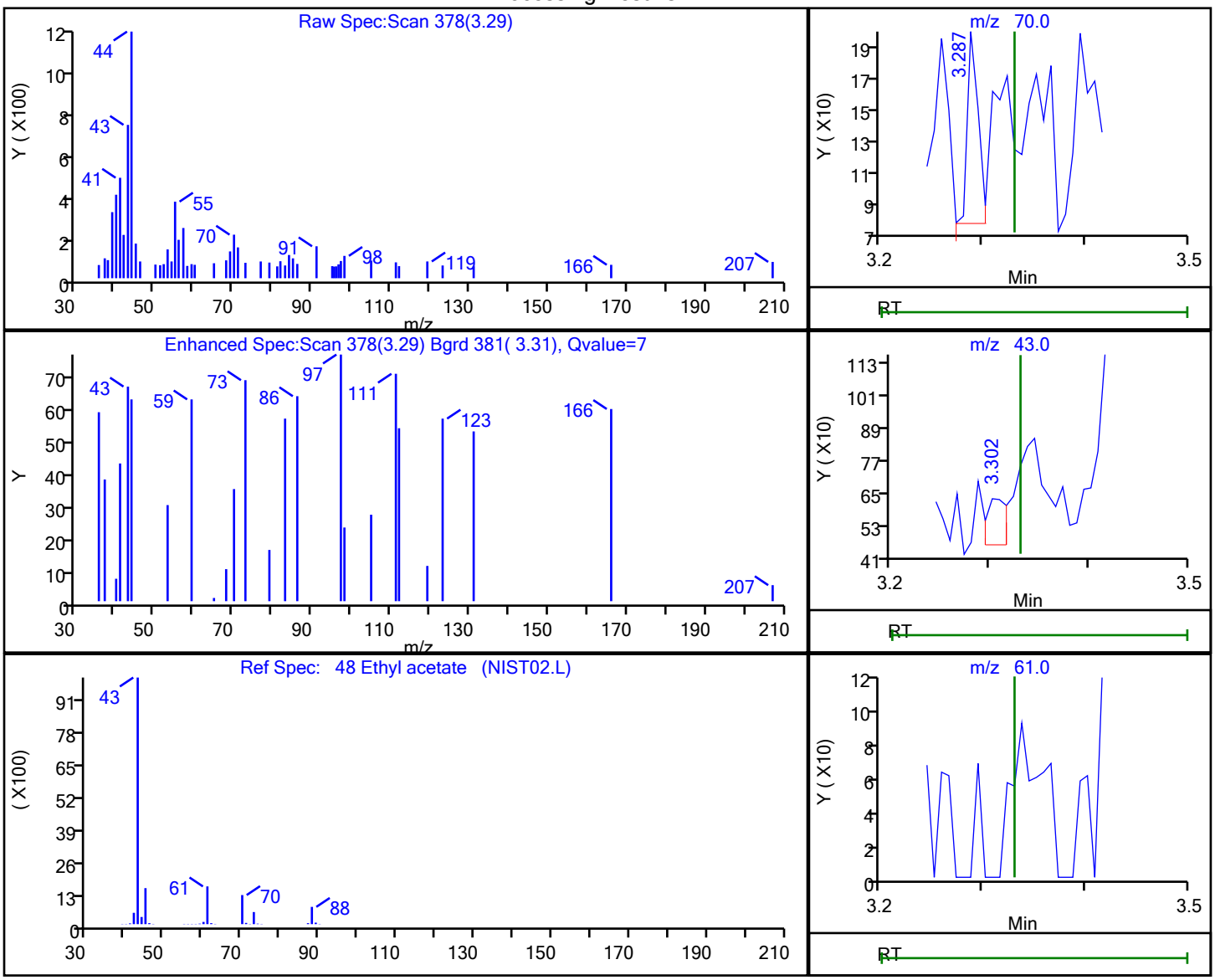
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.29	70.00	83	0.252606
3.30	43.00	243	
3.33	61.00	0	

Reviewer: HVW2, 24-Sep-2023 06:35:10 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

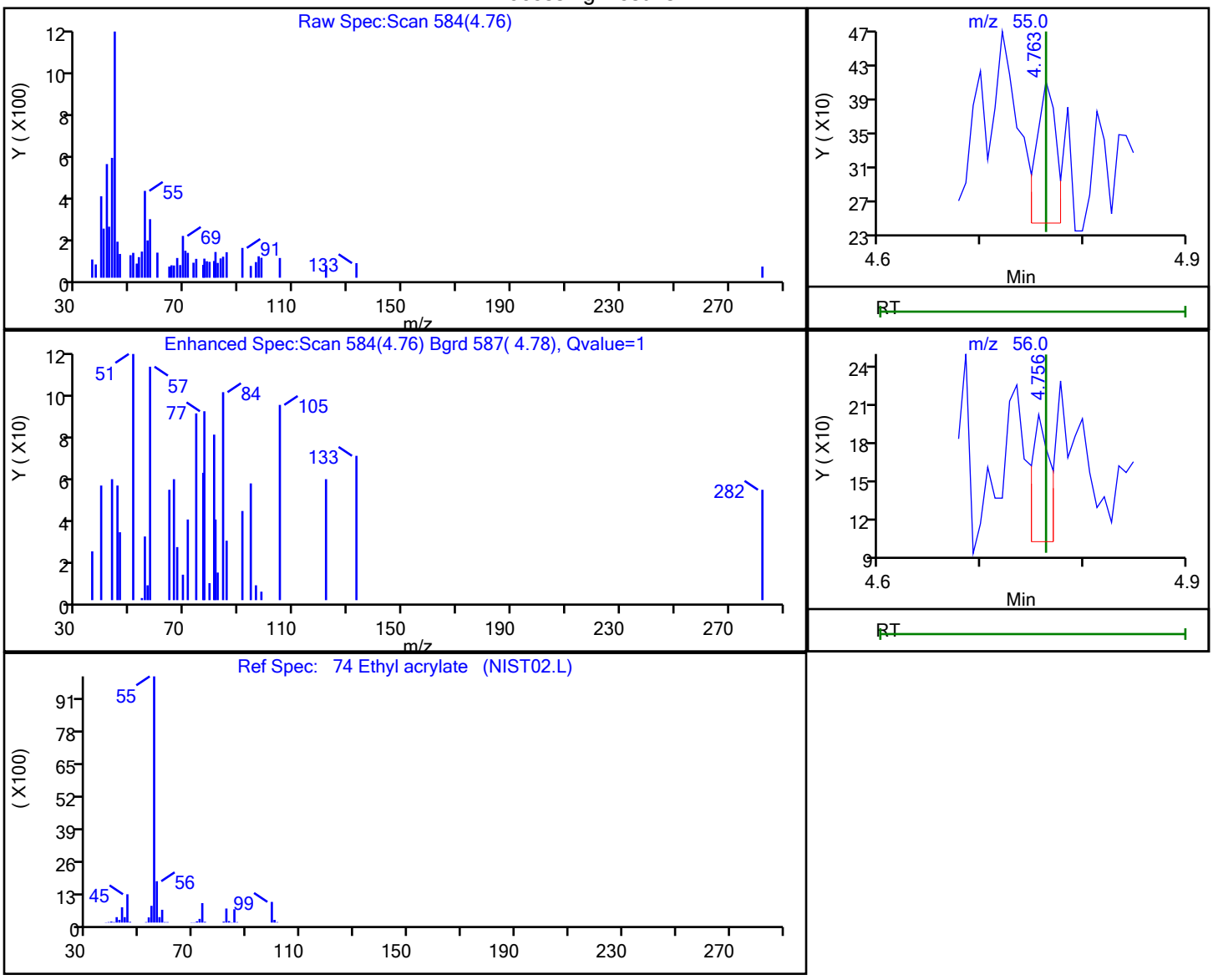
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.76	55.00	223	0.085956
4.76	56.00	116	

Reviewer: HVW2, 24-Sep-2023 06:35:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

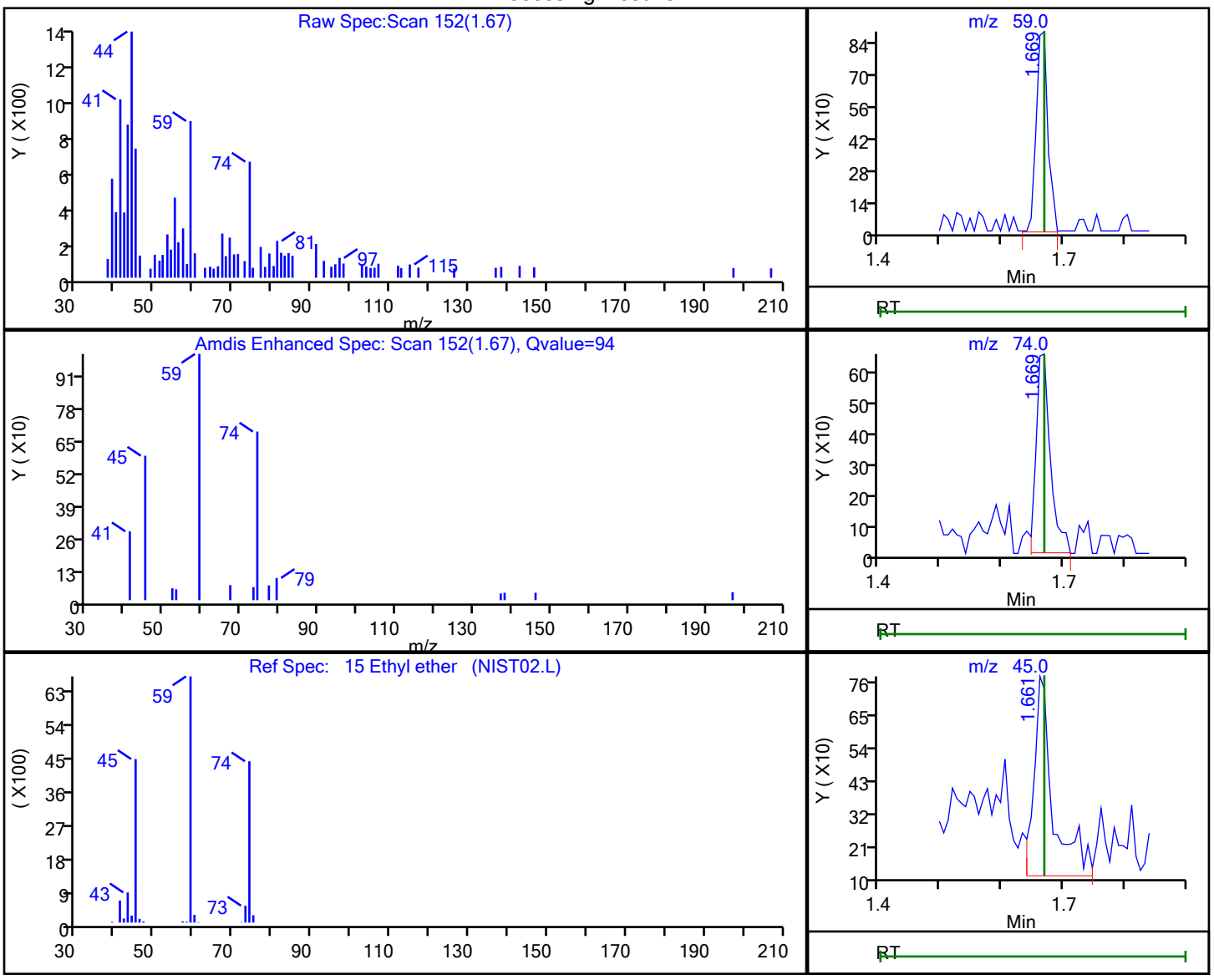
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.67	59.00	1178	-0.098321
1.67	74.00	1067	
1.66	45.00	1443	

Reviewer: RD6L, 23-Sep-2023 07:05:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

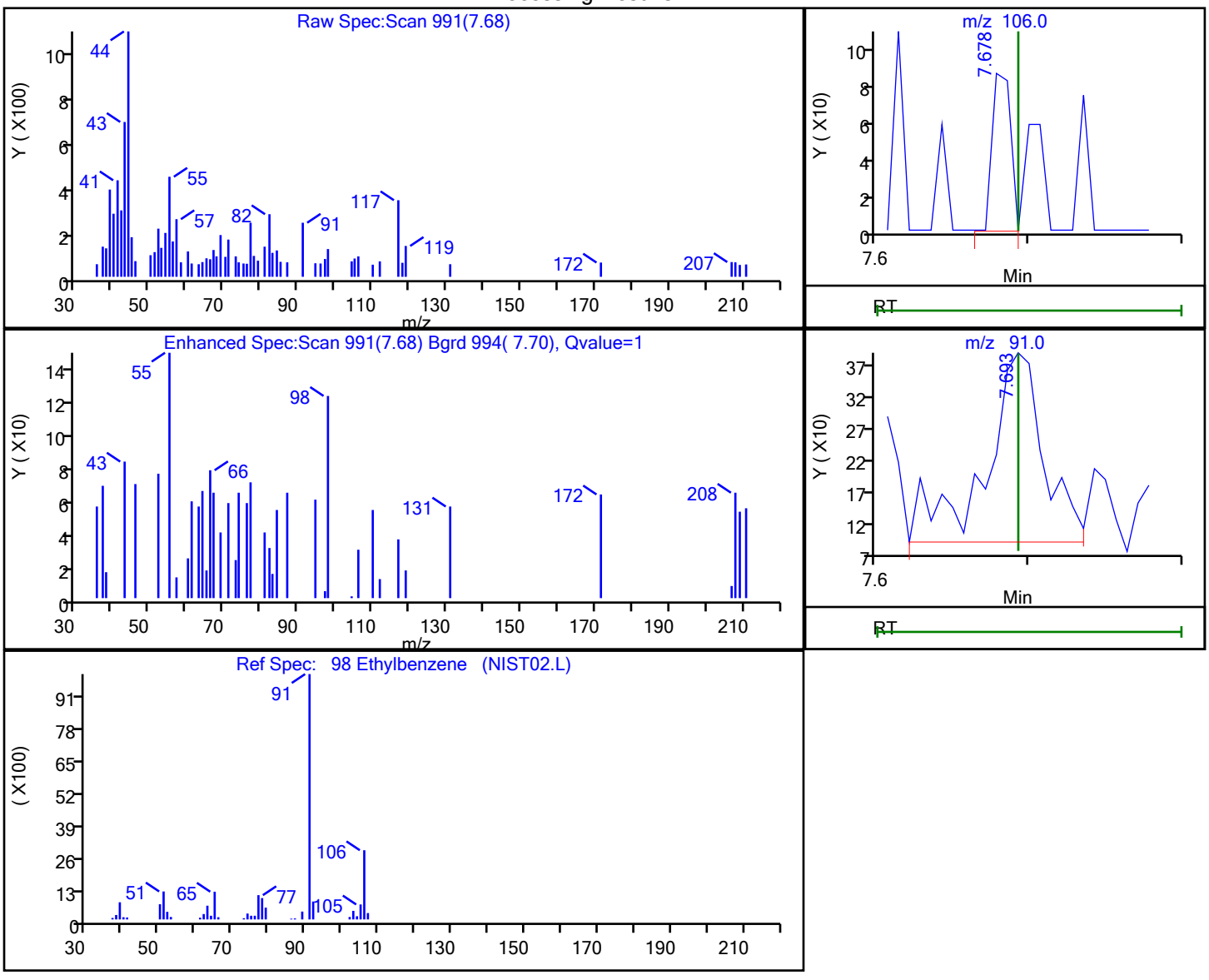
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

98 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
7.68	106.00	72	0.015808
7.69	91.00	789	

Reviewer: HVW2, 24-Sep-2023 06:35:45 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

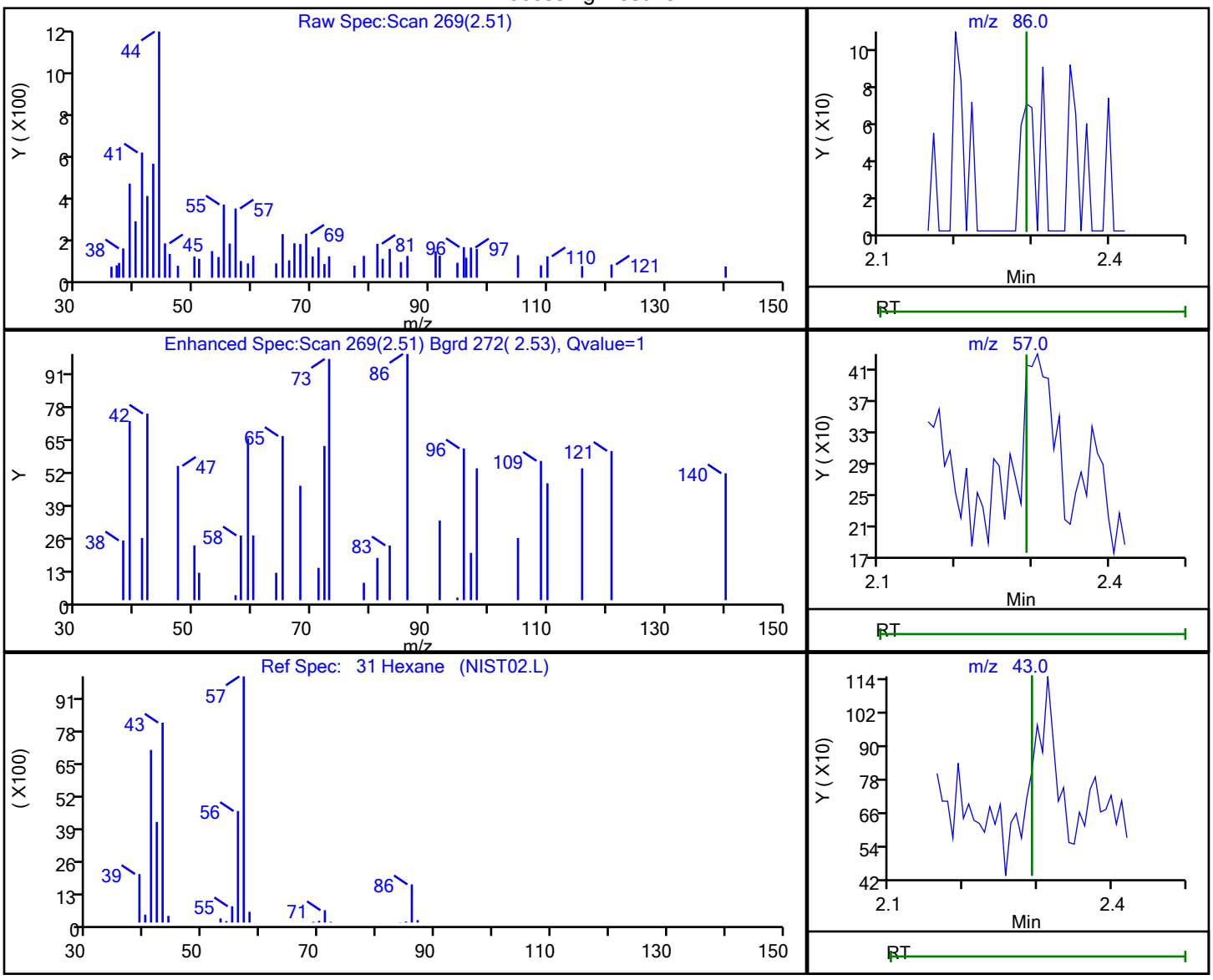
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.51	86.00	120	0.149085
2.51	57.00	159	
2.51	43.00	657	
2.49	56.00	69	

Reviewer: HVW2, 24-Sep-2023 06:34:55 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

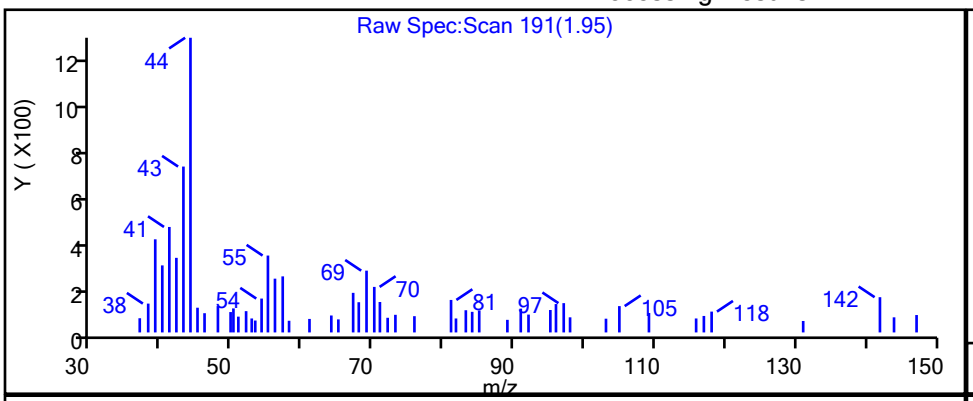
User Disabled Compound Report

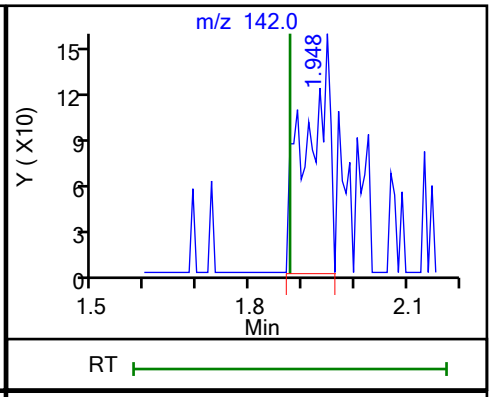
Eurofins Edison

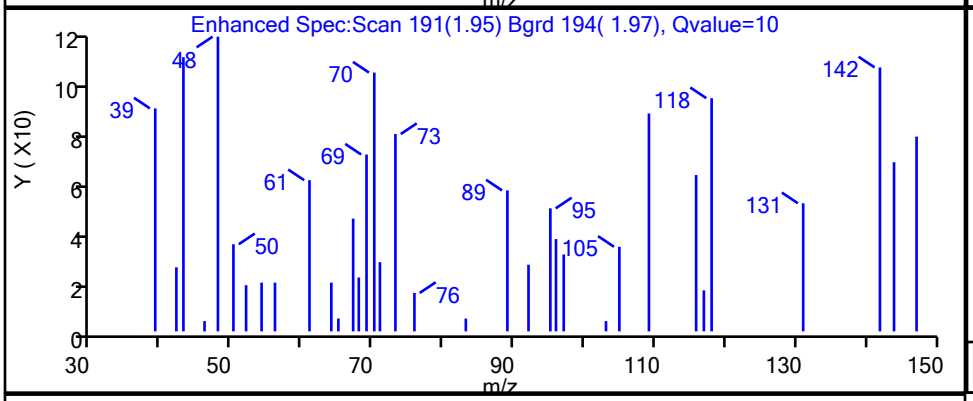
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

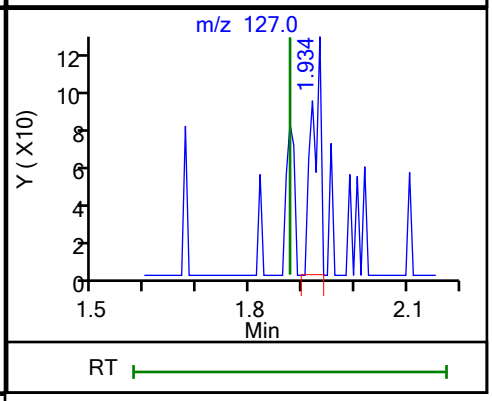
22 Iodomethane, CAS: 74-88-4

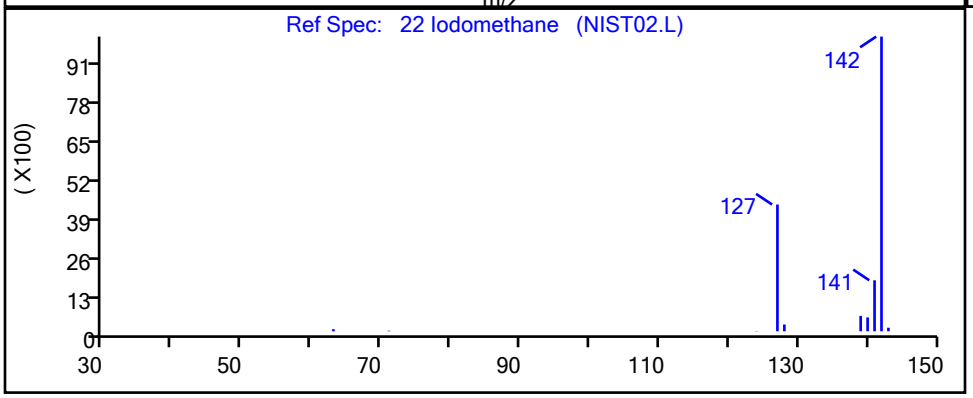
Processing Results











RT	Mass	Response	Amount
1.95	142.00	472	0.254316
1.93	127.00	140	

Reviewer: HVW2, 24-Sep-2023 06:34:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

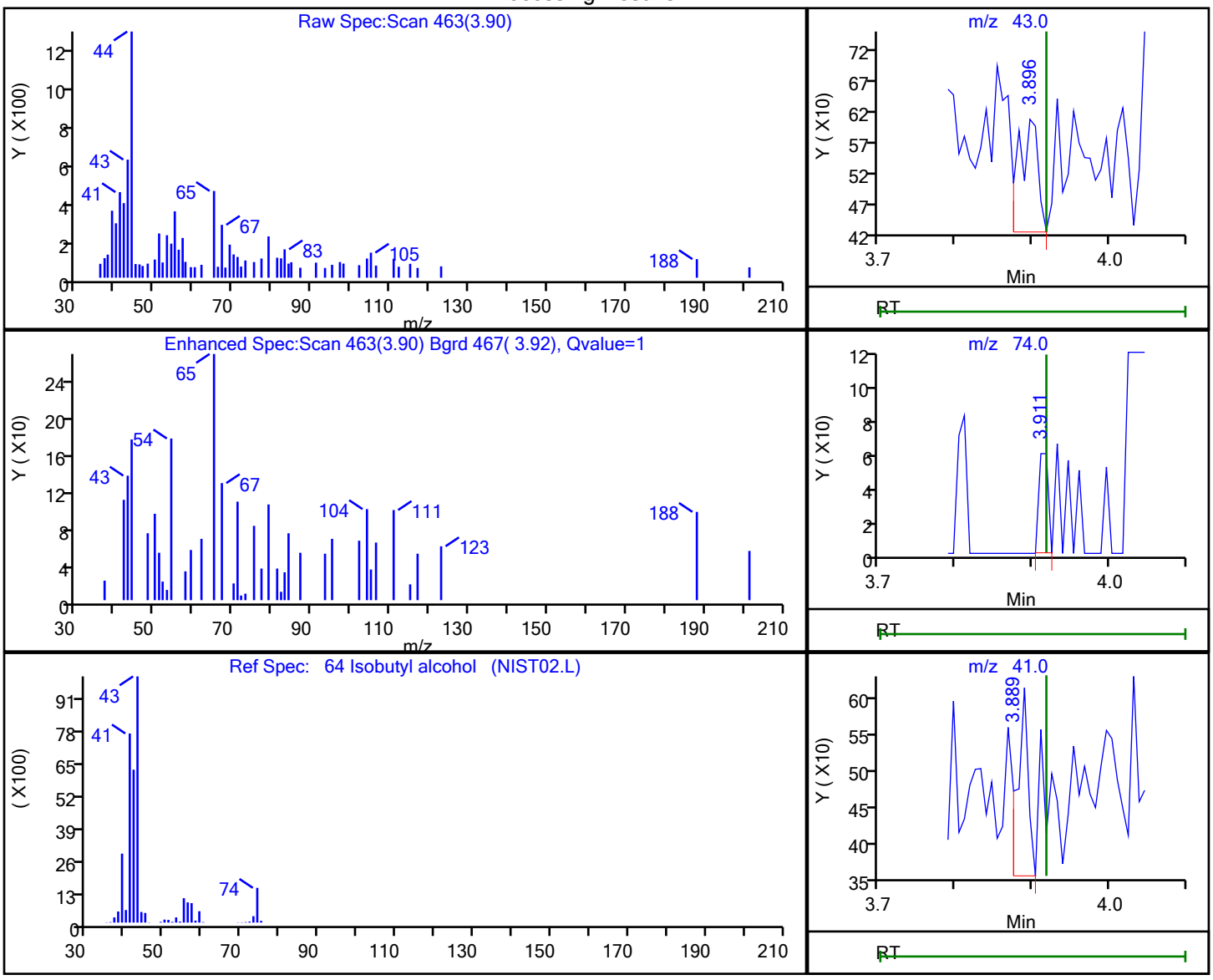
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.90	43.00	305	3.805098
3.91	74.00	52	
3.89	41.00	241	
3.89	39.00	235	

Reviewer: HVW2, 24-Sep-2023 06:35:23 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

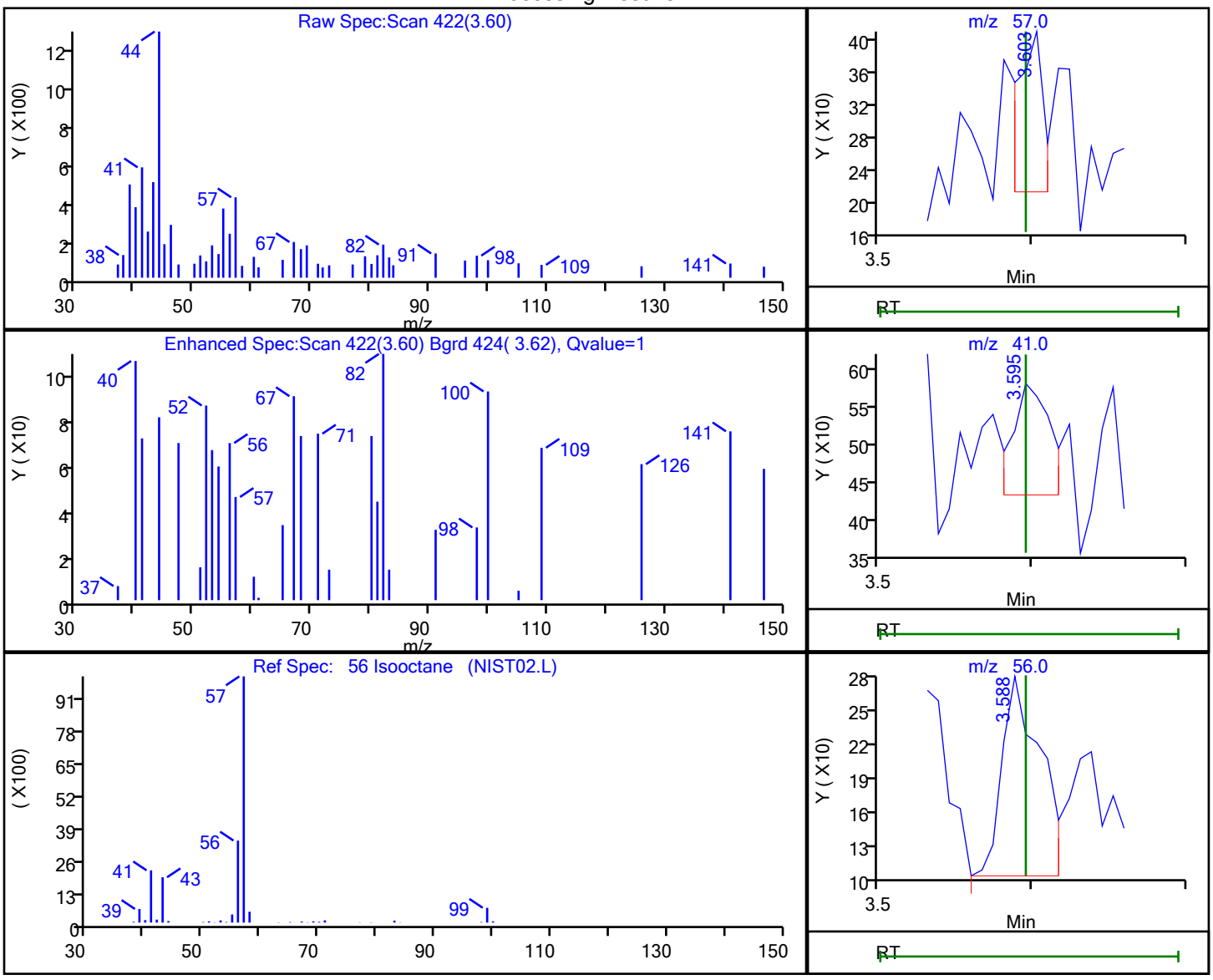
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.60	57.00	225	0.035113
3.60	41.00	251	
3.59	56.00	303	

Reviewer: HVW2, 24-Sep-2023 06:35:15 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

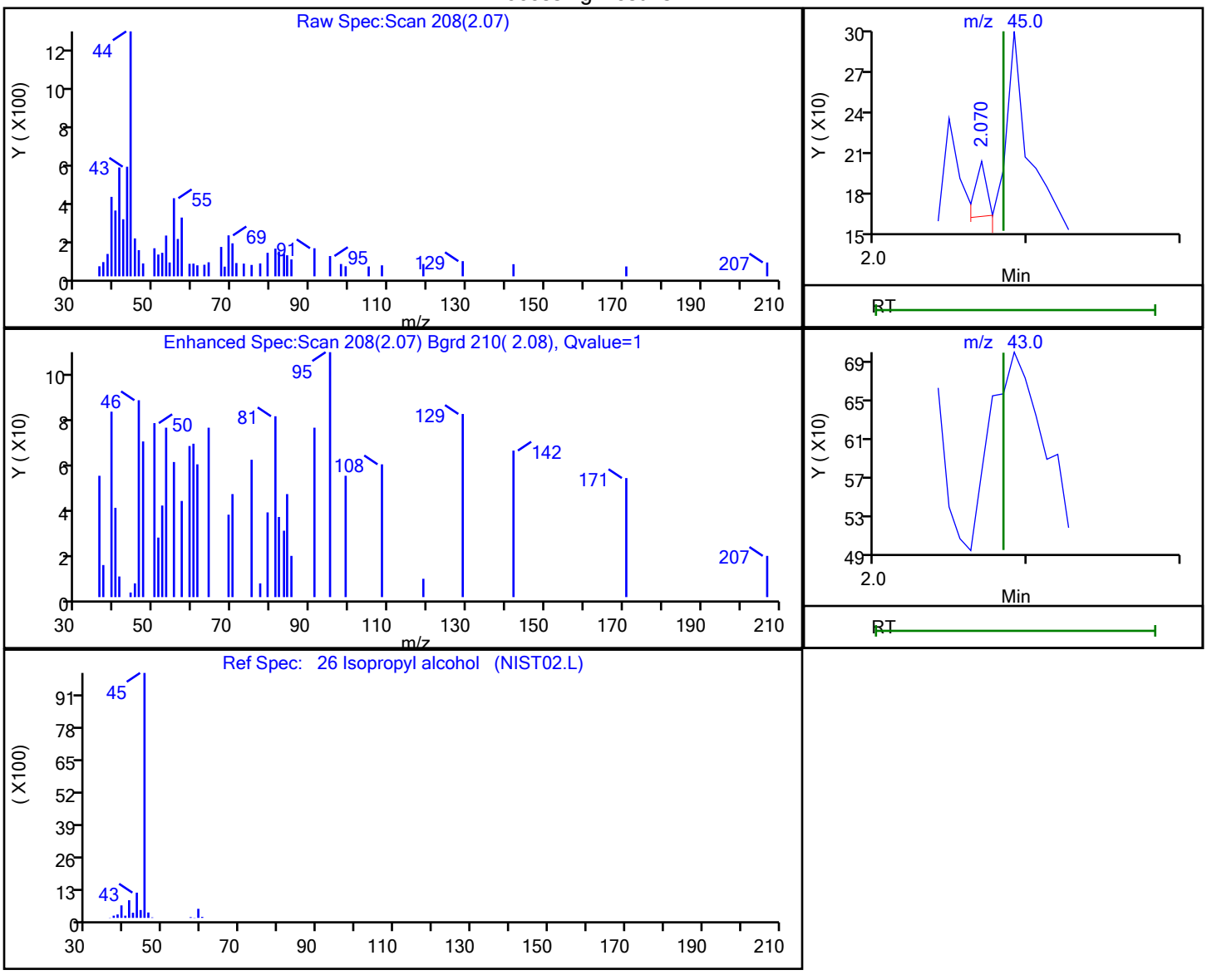
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.07	45.00	20	0.182790
2.08	43.00	0	

Reviewer: HVW2, 24-Sep-2023 06:34:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

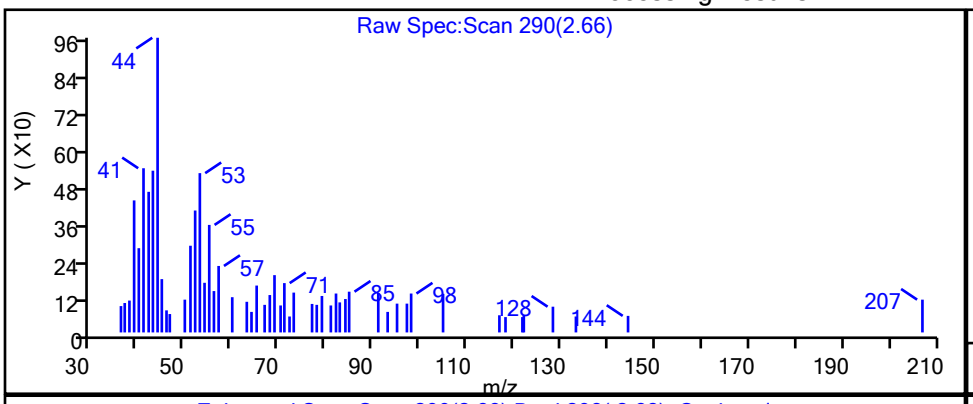
User Disabled Compound Report

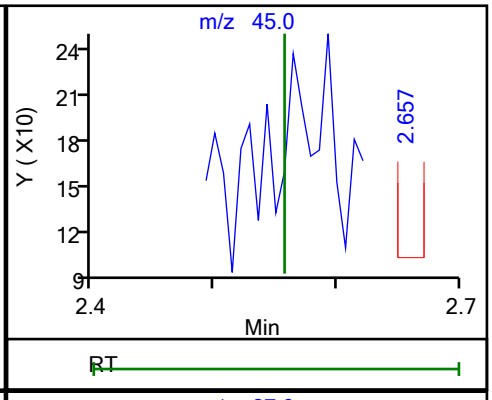
Eurofins Edison

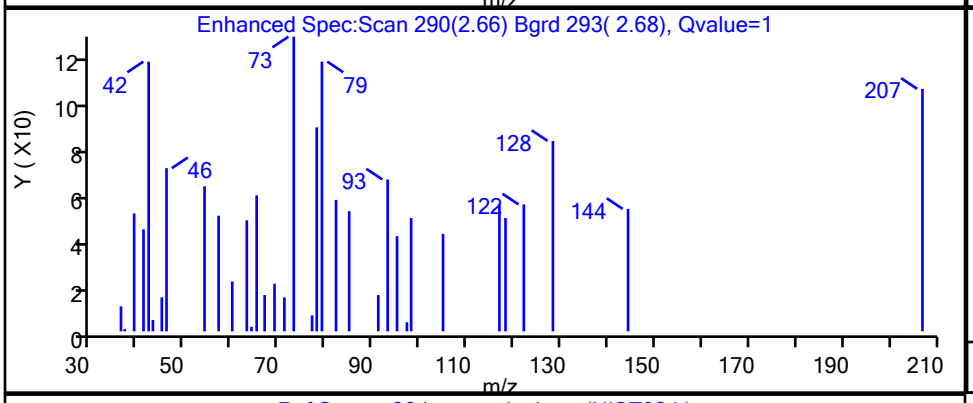
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

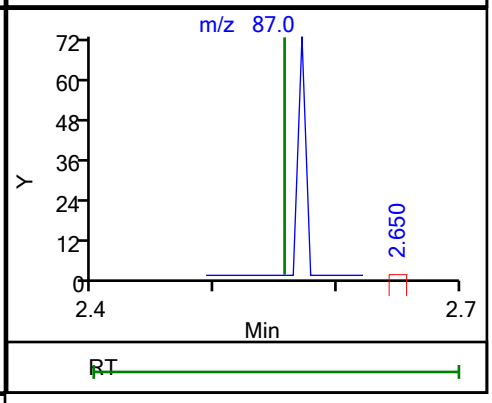
36 Isopropyl ether, CAS: 108-20-3

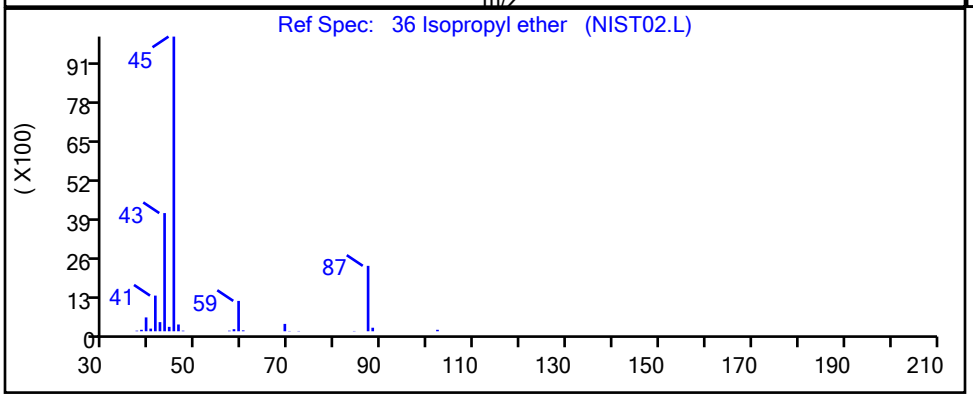
Processing Results











RT	Mass	Response	Amount
2.66	45.00	79	0.007053
2.65	87.00	41	

Reviewer: HVW2, 24-Sep-2023 06:34:59 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

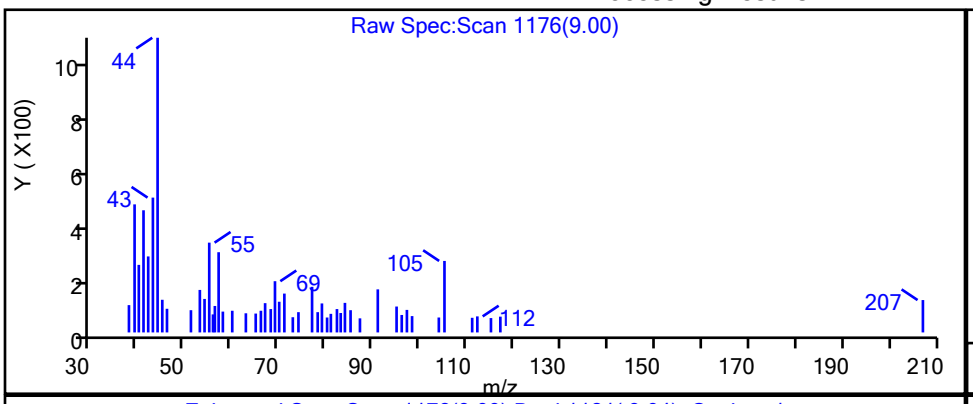
User Disabled Compound Report

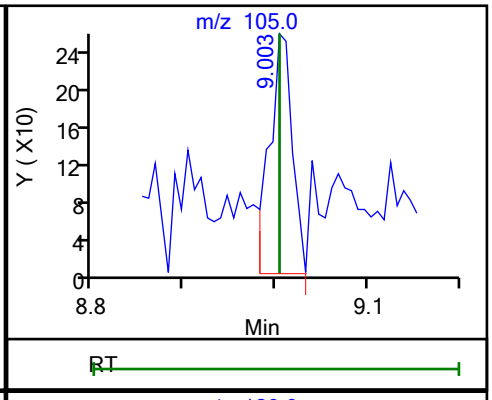
Eurofins Edison

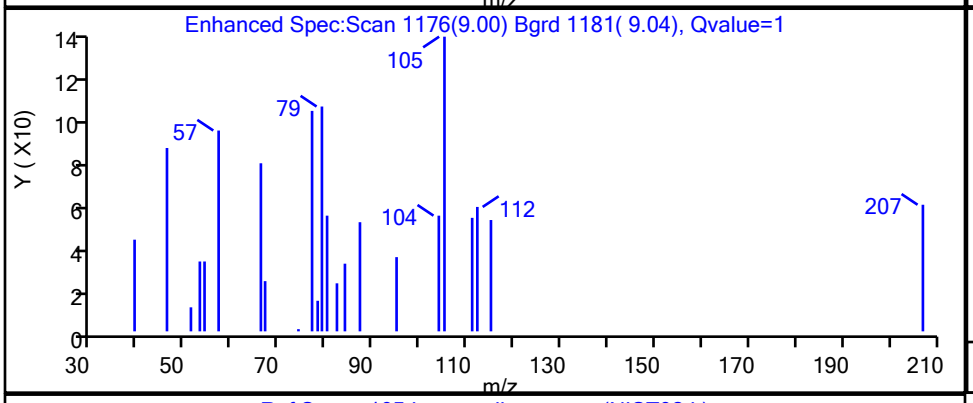
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

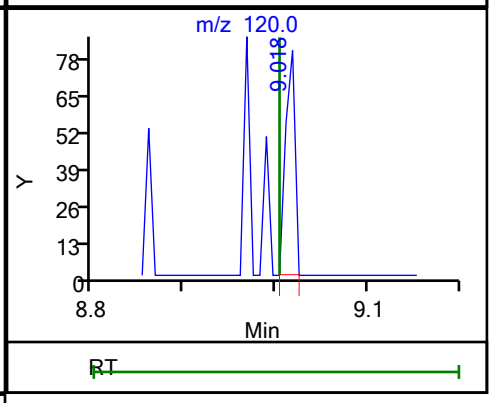
105 Isopropylbenzene, CAS: 98-82-8

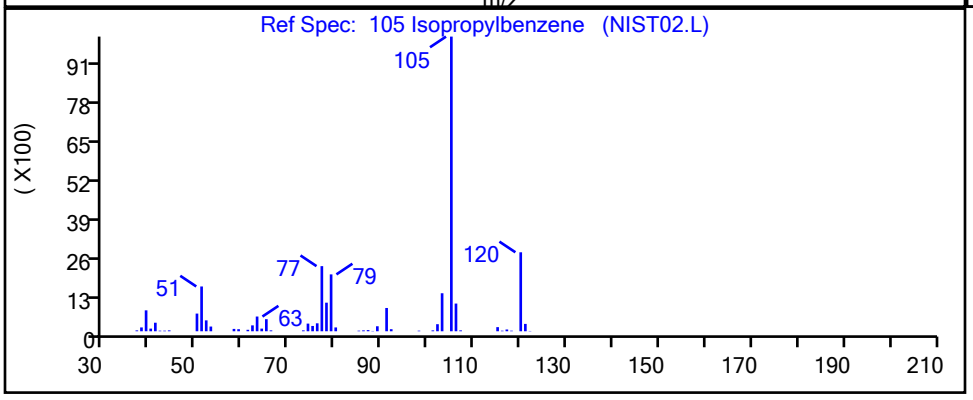
Processing Results











RT	Mass	Response	Amount
9.00	105.00	443	0.031612
9.02	120.00	58	

Reviewer: HVW2, 24-Sep-2023 06:35:50 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

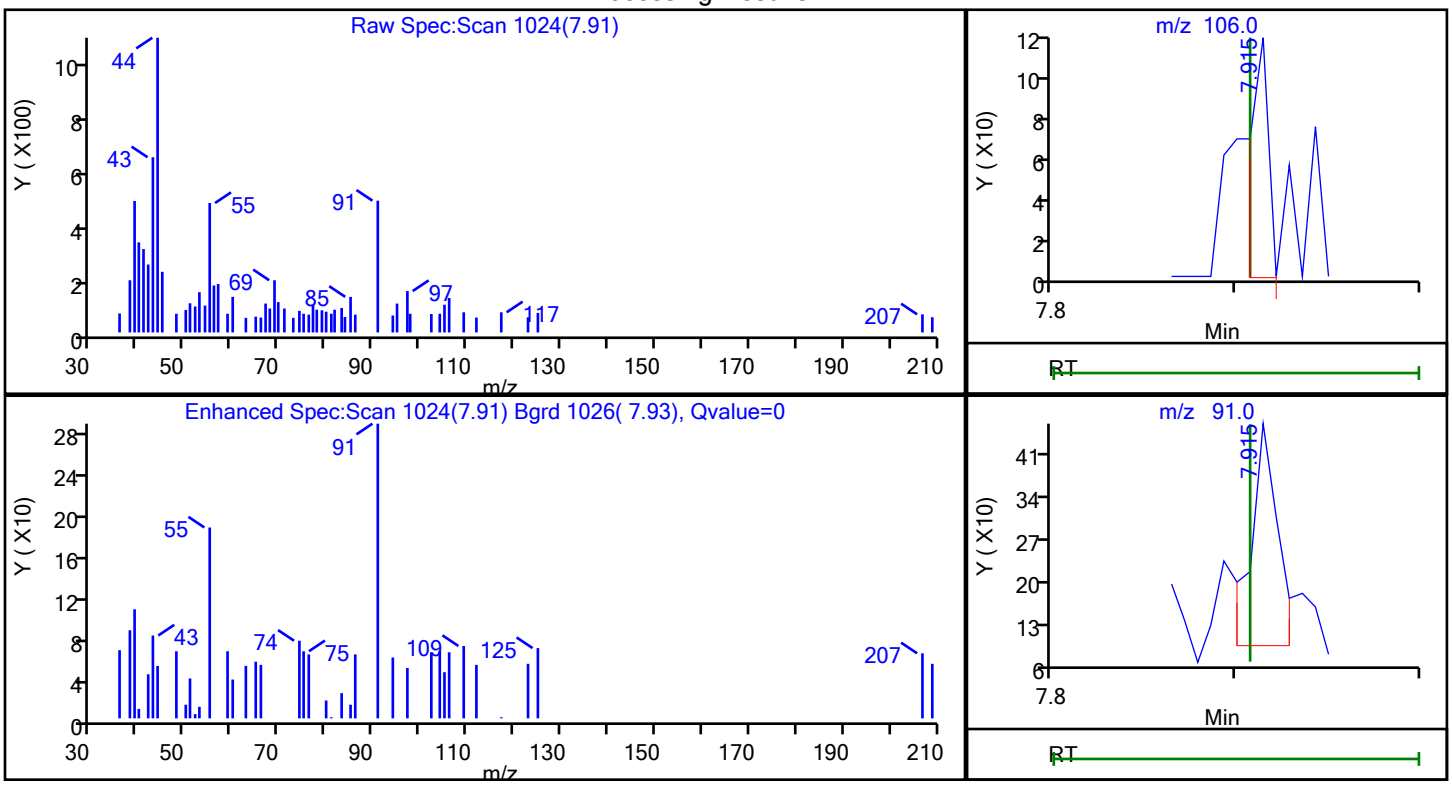
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
7.91	106.00	80	0.014528
7.91	91.00	369	

Reviewer: HVW2, 24-Sep-2023 06:35:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

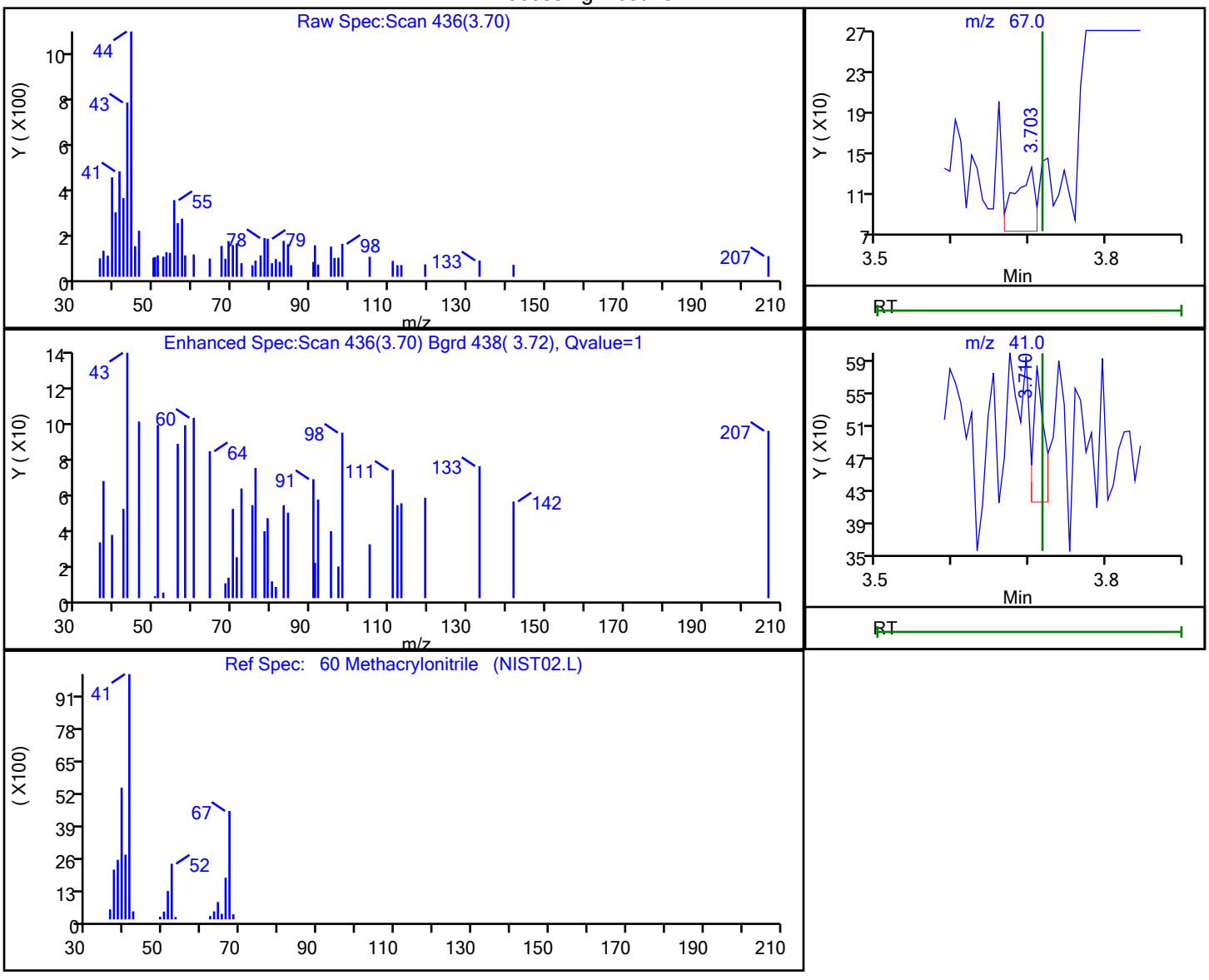
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.70	67.00	111	0.144096
3.71	41.00	162	

Reviewer: HVW2, 24-Sep-2023 06:35:19 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

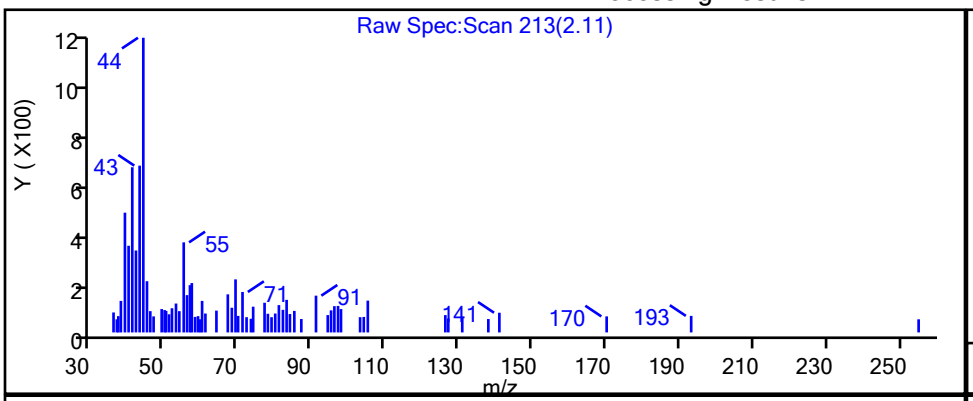
User Disabled Compound Report

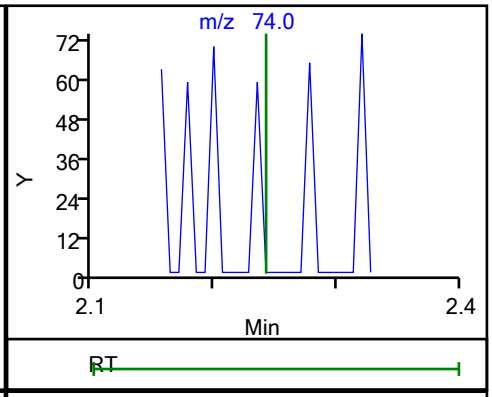
Eurofins Edison

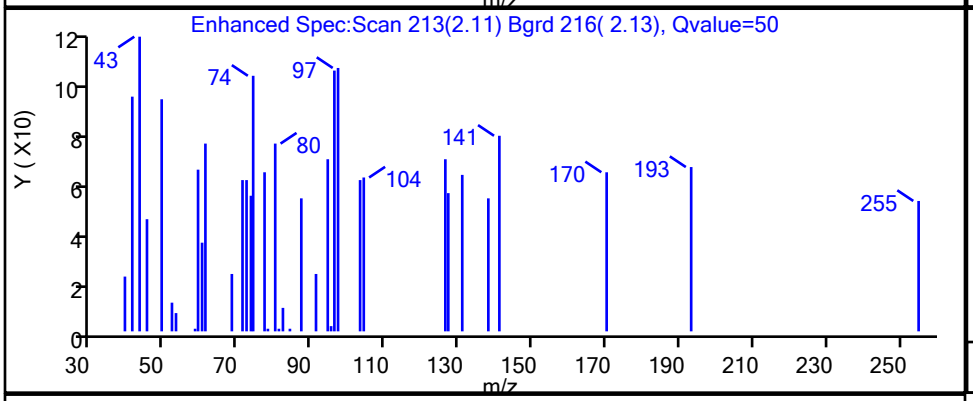
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

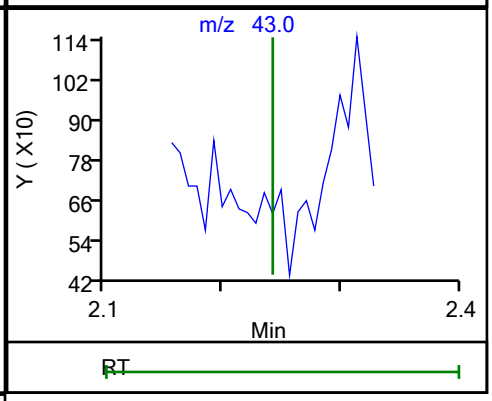
30 Methyl acetate, CAS: 79-20-9

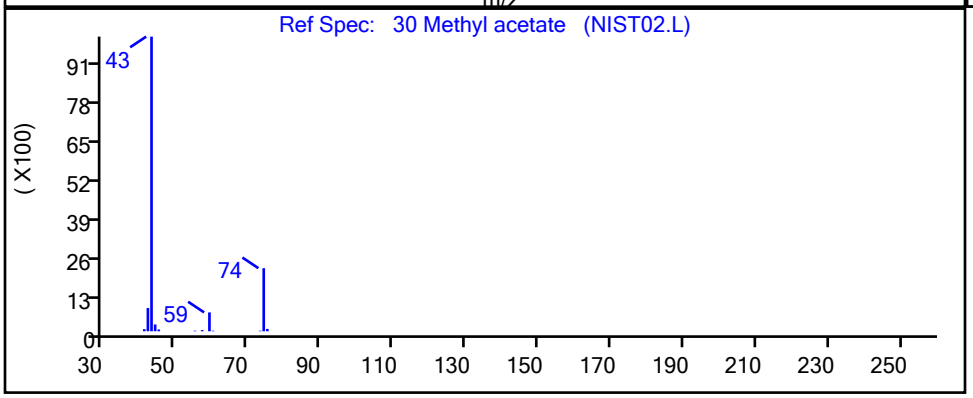
Processing Results











RT	Mass	Response	Amount
2.11	74.00	66	0.241098
2.09	43.00	469	

Reviewer: HVW2, 24-Sep-2023 06:34:52 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

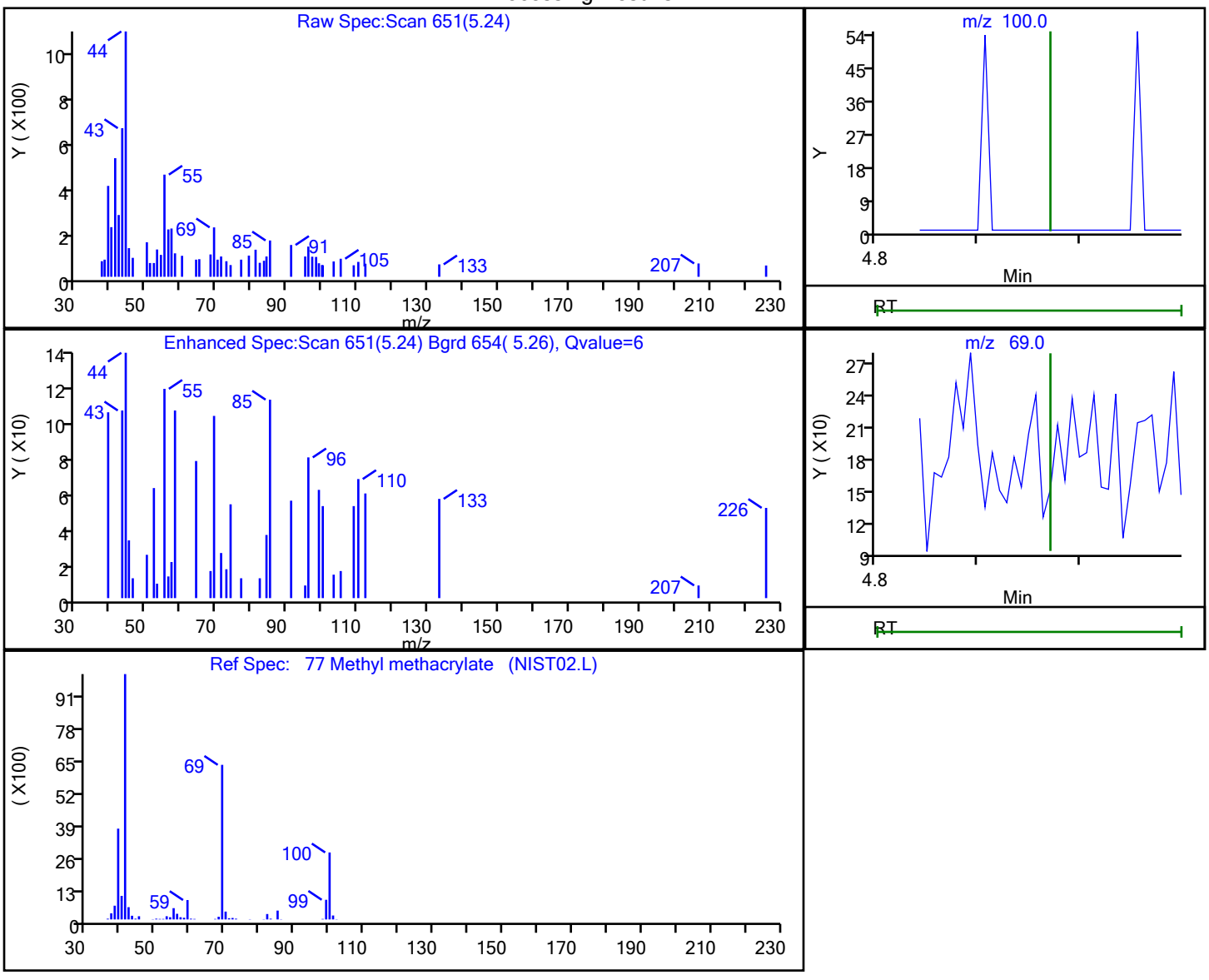
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.24	100.00	76	0.156868
5.25	69.00	278	

Reviewer: HVW2, 24-Sep-2023 06:35:28 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

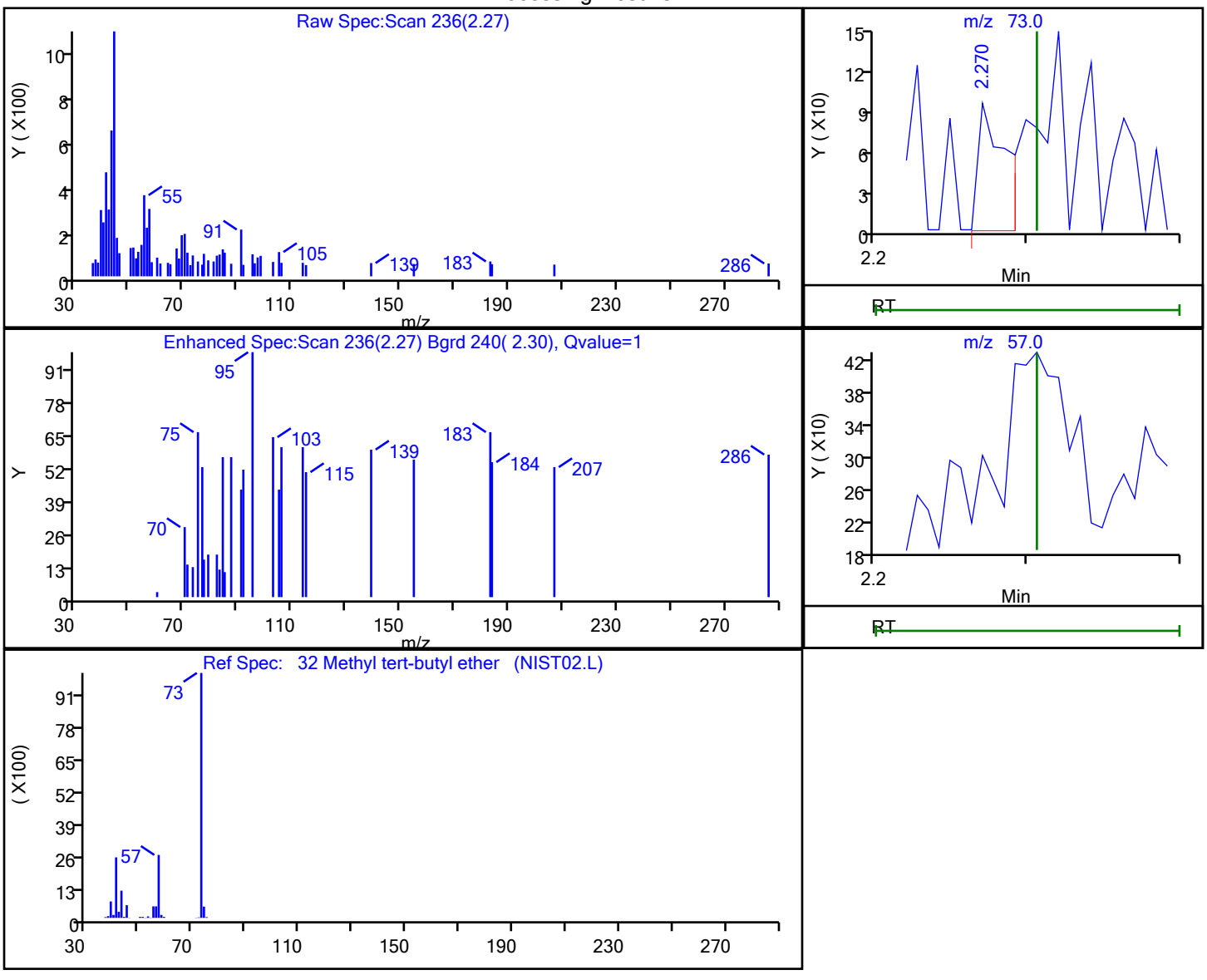
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

32 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.27	73.00	116	0.016408
2.29	57.00	0	

Reviewer: HVW2, 24-Sep-2023 06:34:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

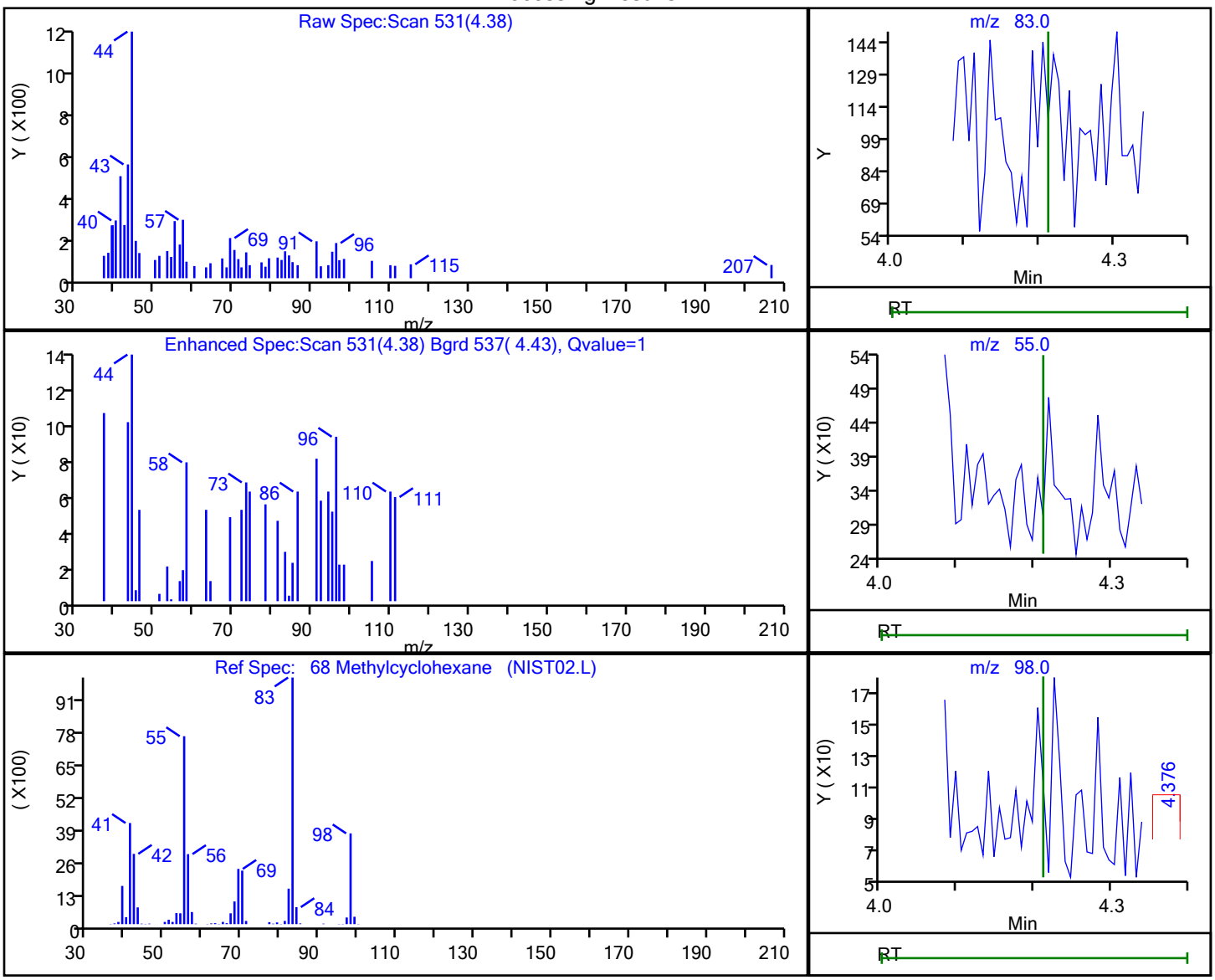
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.38	83.00	64	0.015909
4.40	55.00	239	
4.38	98.00	178	

Reviewer: HVW2, 24-Sep-2023 06:35:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

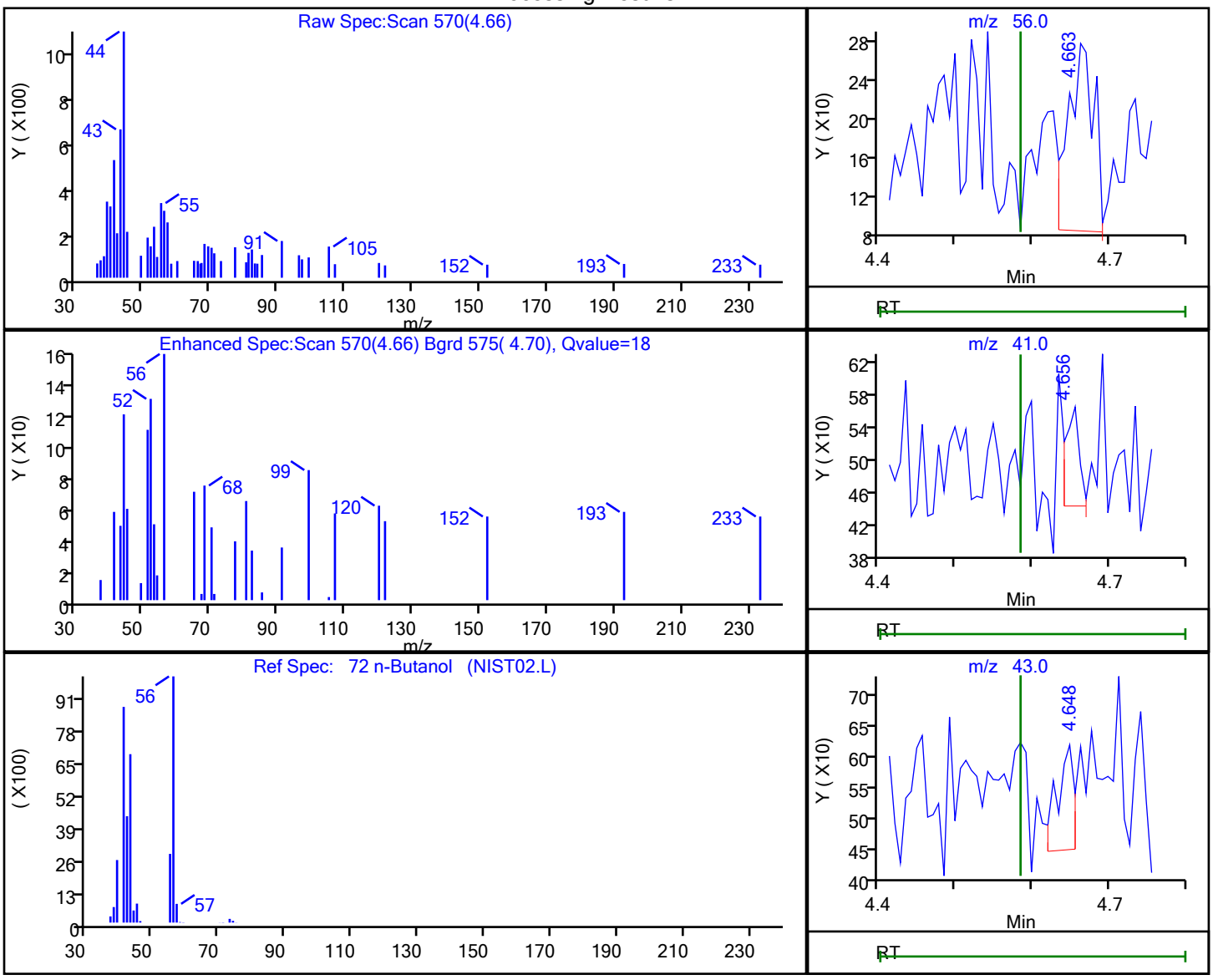
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.66	56.00	442	84.323362
4.66	41.00	152	
4.65	43.00	264	

Reviewer: HVW2, 24-Sep-2023 06:35:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

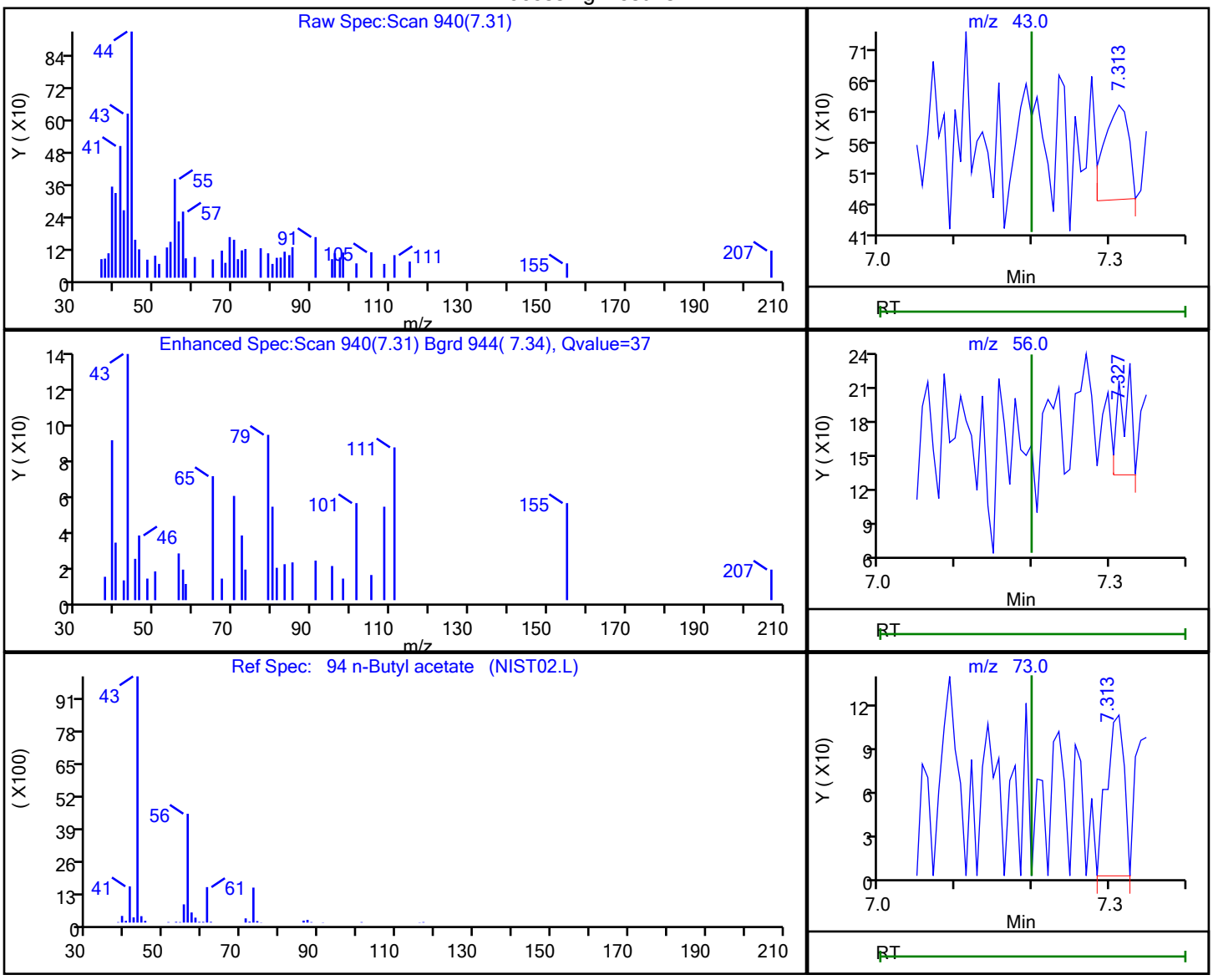
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.31	43.00	330	0.101726
7.33	56.00	97	
7.31	73.00	172	

Reviewer: HVW2, 24-Sep-2023 06:35:43 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

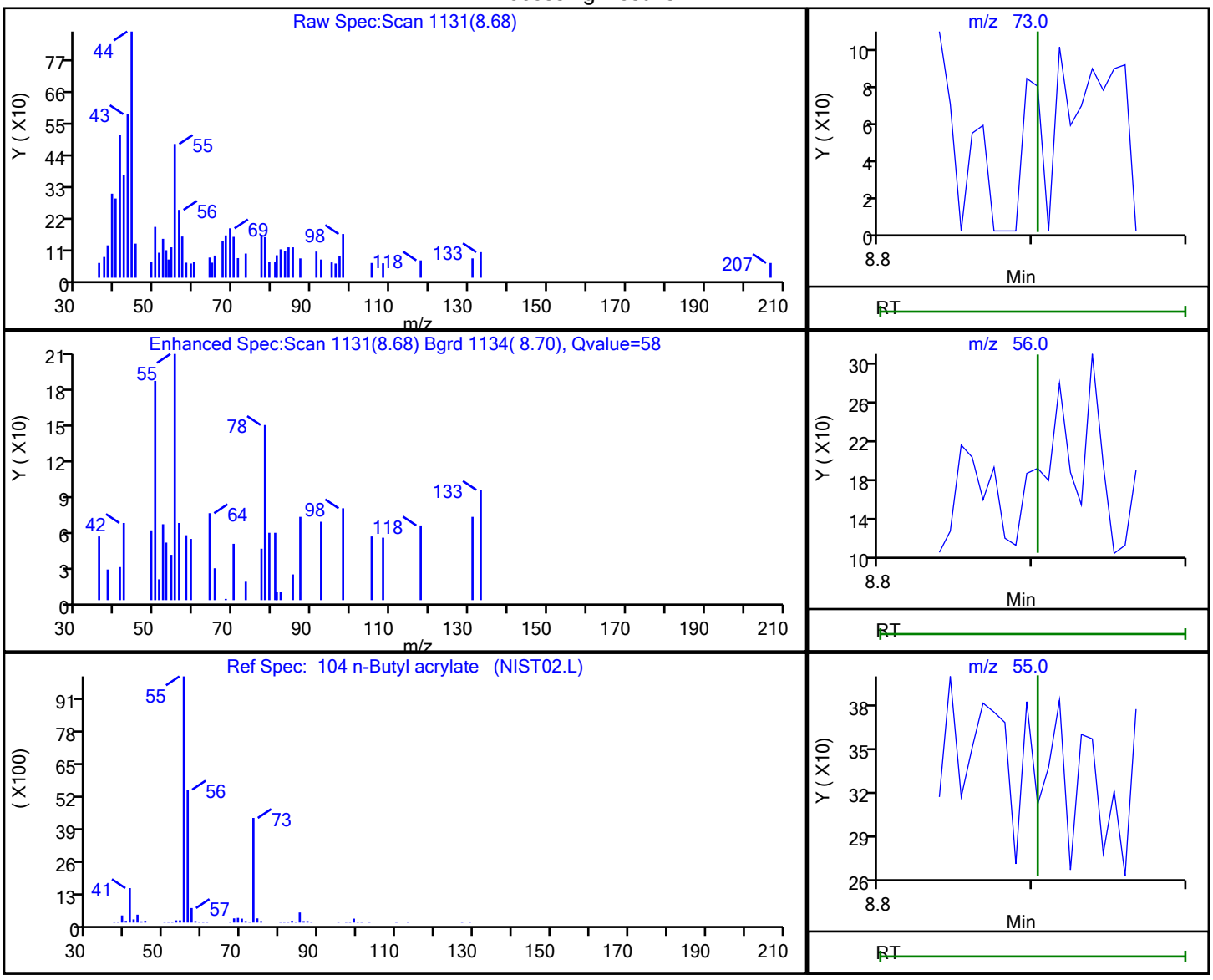
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

104 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.68	73.00	98	0.055070
8.67	56.00	92	
8.68	55.00	226	

Reviewer: HVW2, 24-Sep-2023 06:35:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

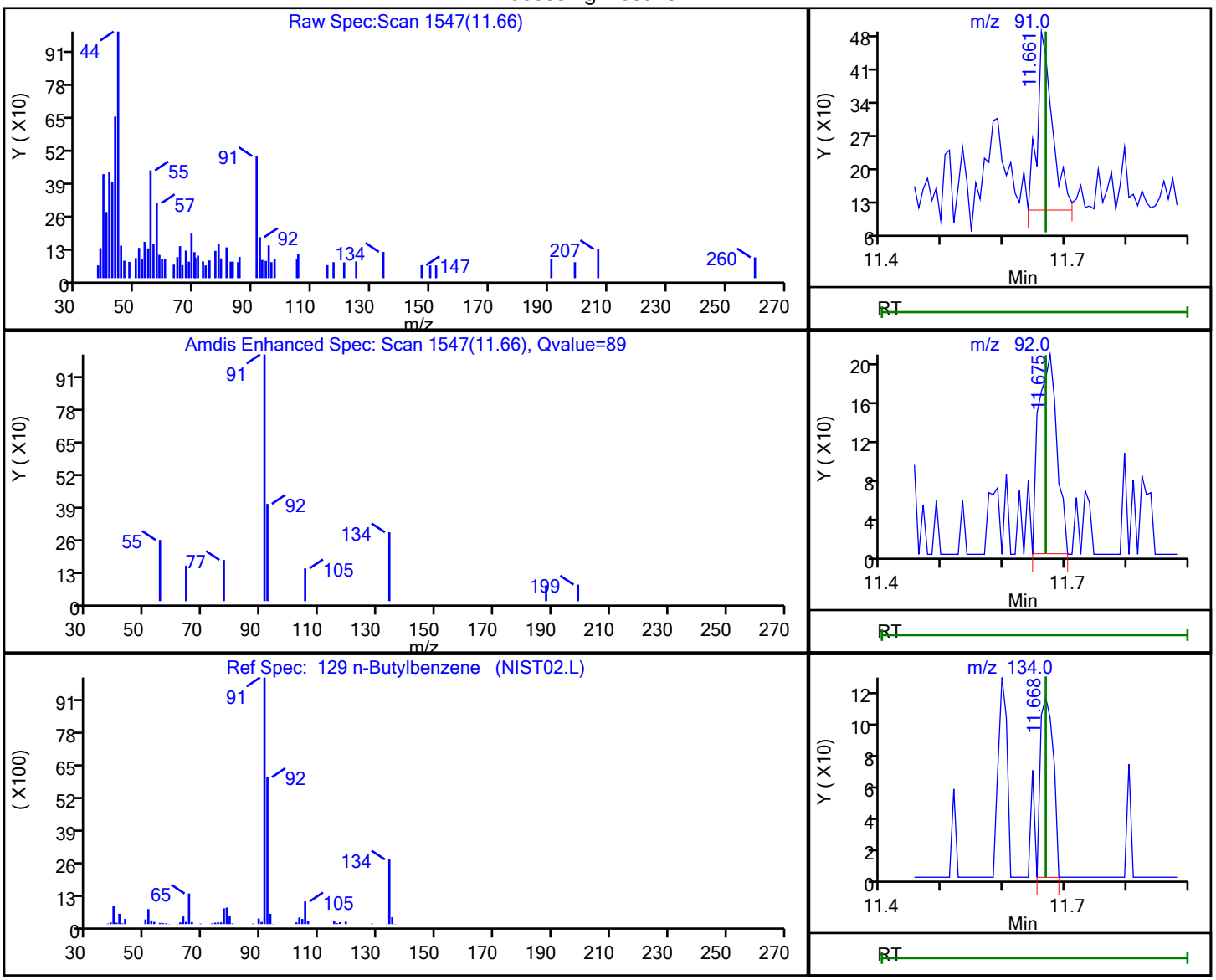
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

129 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.66	91.00	651	0.061087
11.68	92.00	416	
11.67	134.00	170	

Reviewer: HVW2, 24-Sep-2023 06:36:09 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

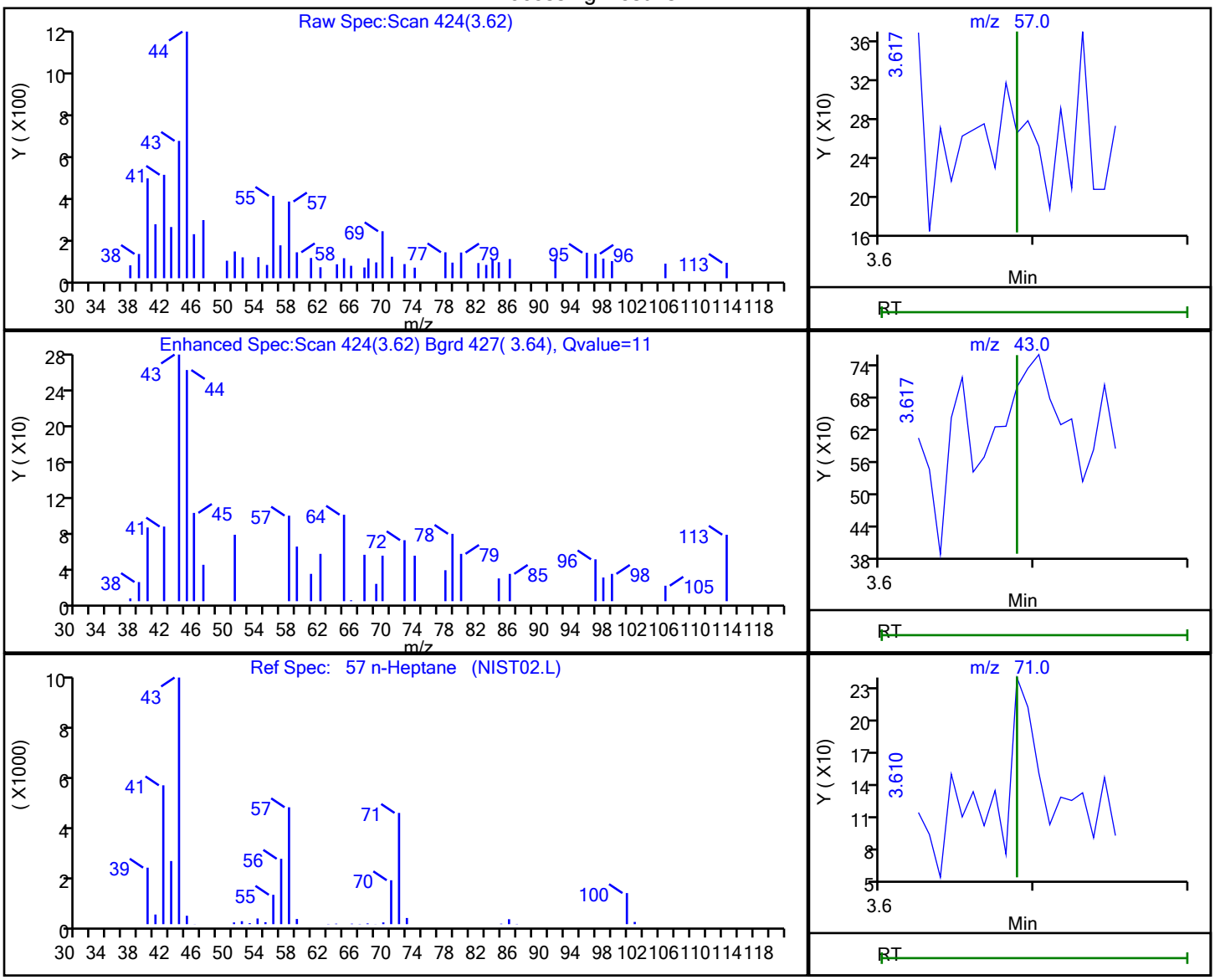
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
3.62	57.00	212	0.145953
3.62	43.00	393	
3.61	71.00	104	

Reviewer: HVW2, 24-Sep-2023 06:35:16 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

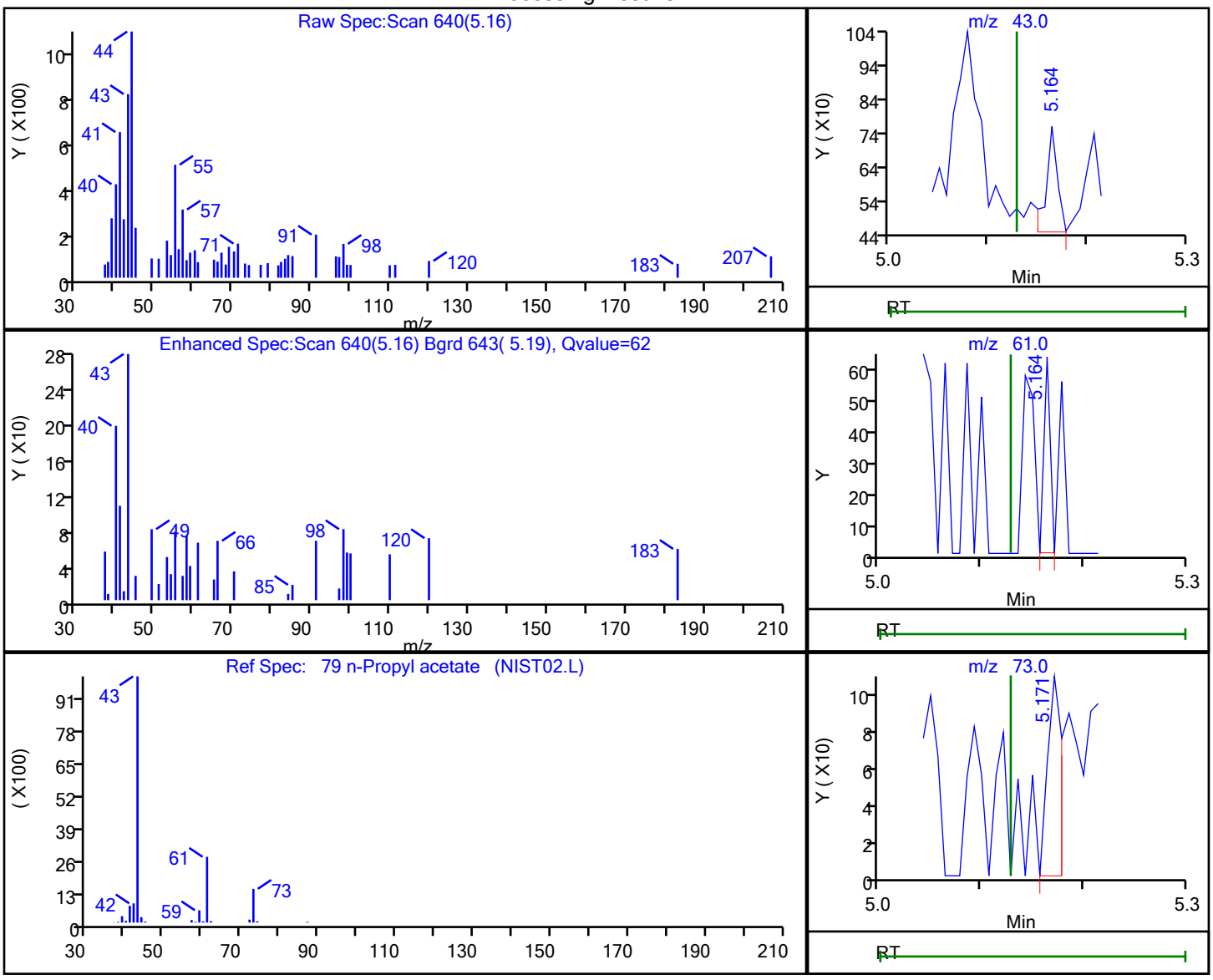
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.16	43.00	242	0.095628
5.16	61.00	28	
5.17	73.00	100	

Reviewer: HVW2, 24-Sep-2023 06:35:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

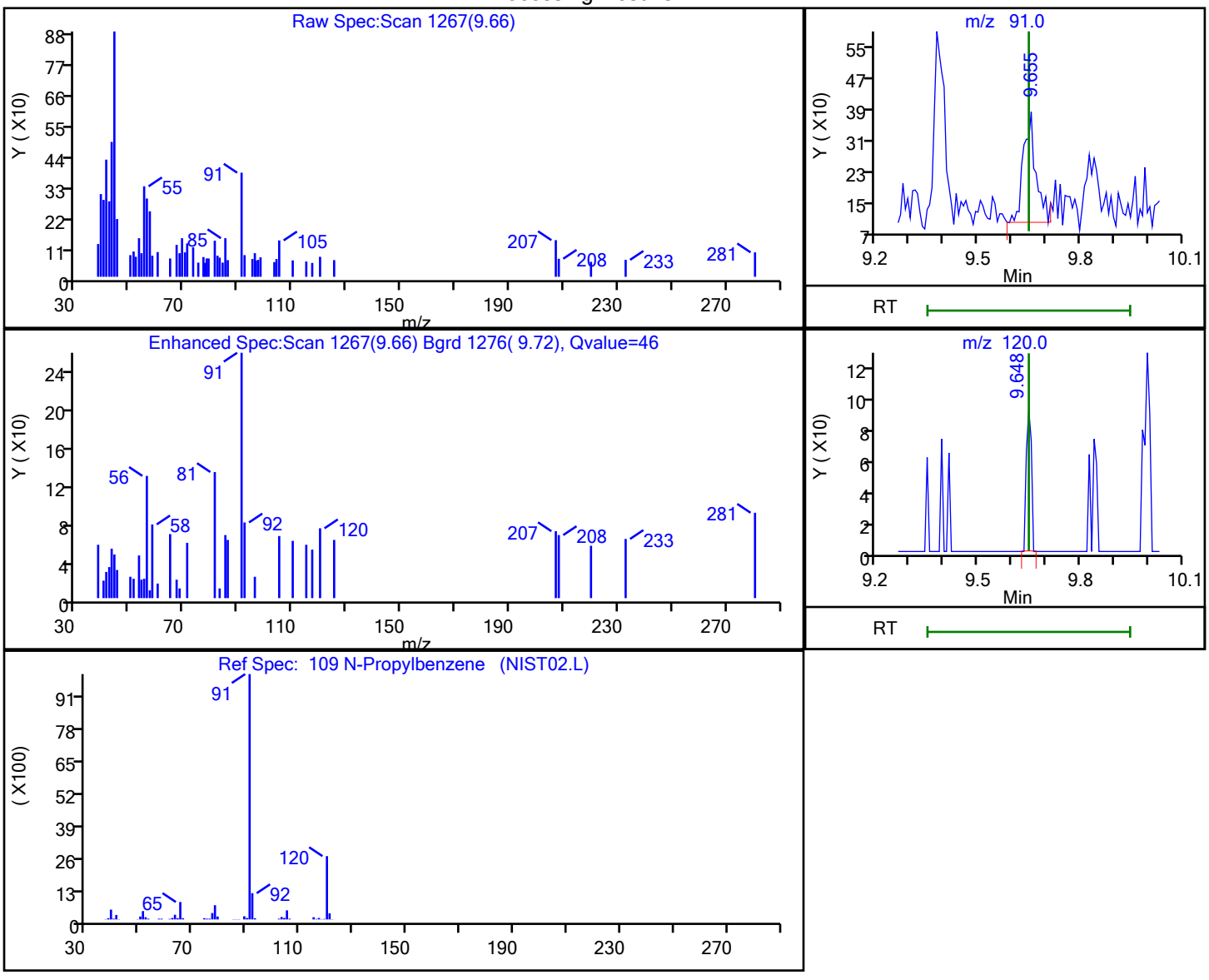
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

109 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.66	91.00	731	0.042195
9.65	120.00	98	

Reviewer: HVW2, 24-Sep-2023 06:35:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

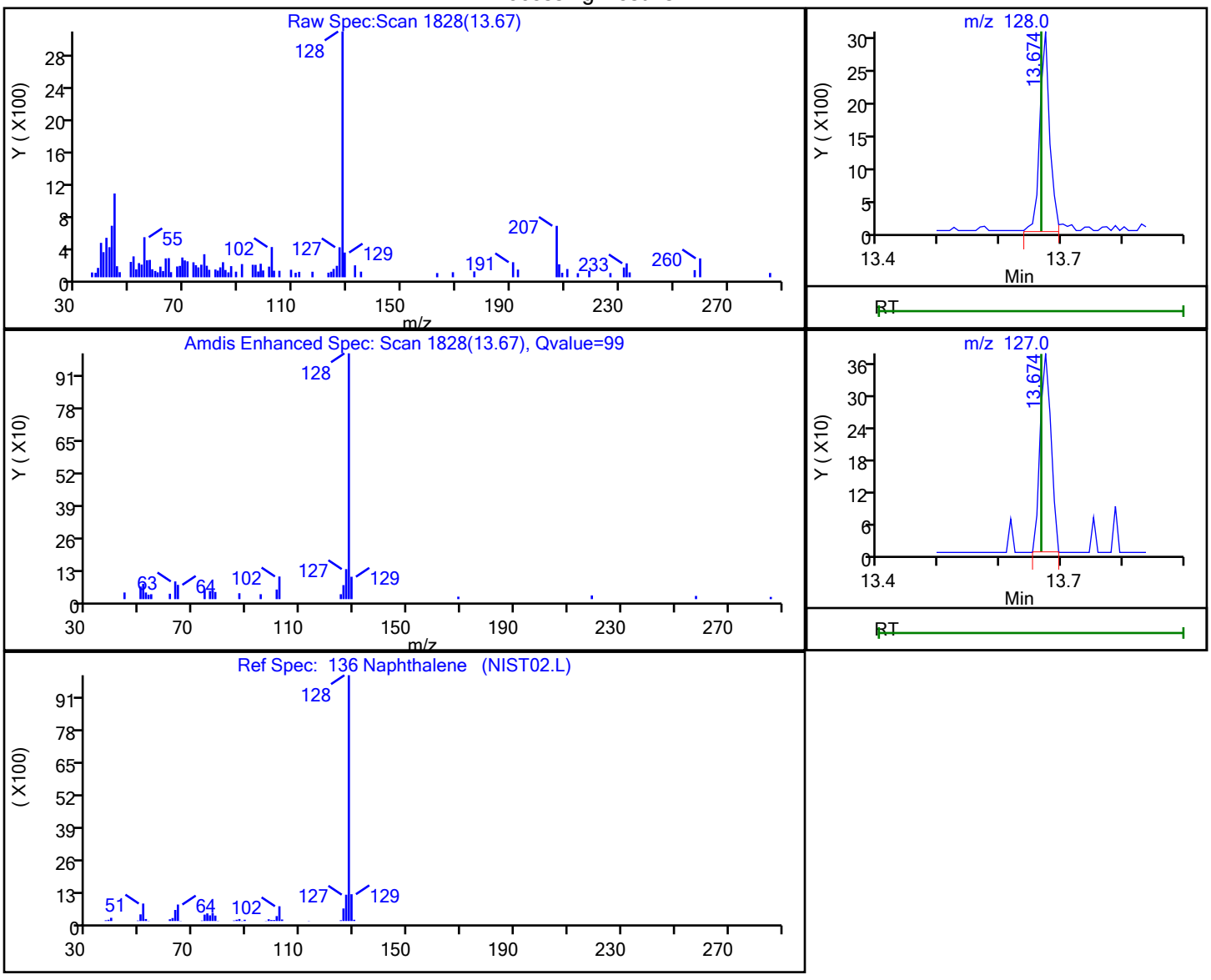
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D				
Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.67	128.00	3425	0.672513
13.67	127.00	464	

Reviewer: HVW2, 24-Sep-2023 06:36:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

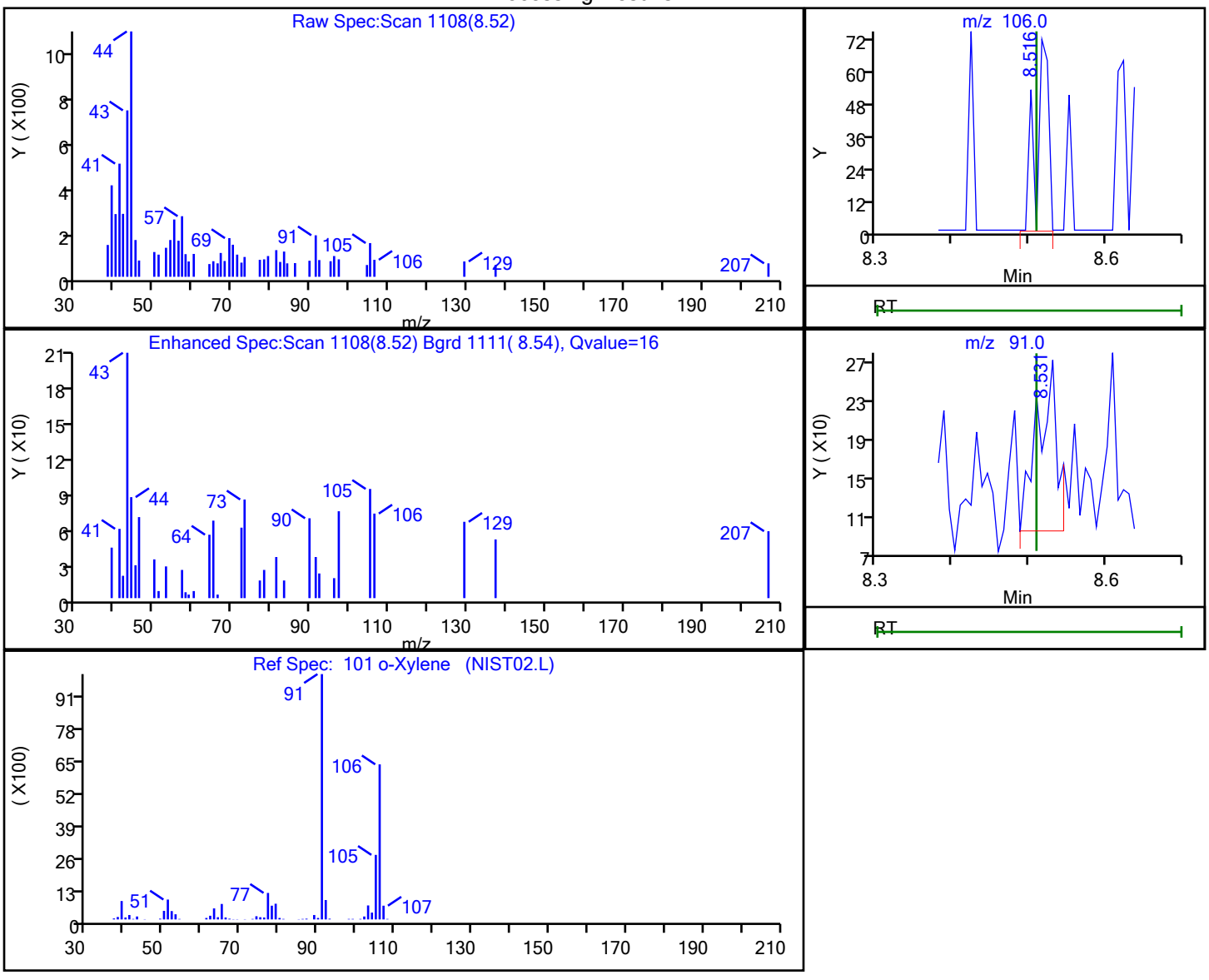
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.52	106.00	81	0.014682
8.53	91.00	302	

Reviewer: HVW2, 24-Sep-2023 06:35:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

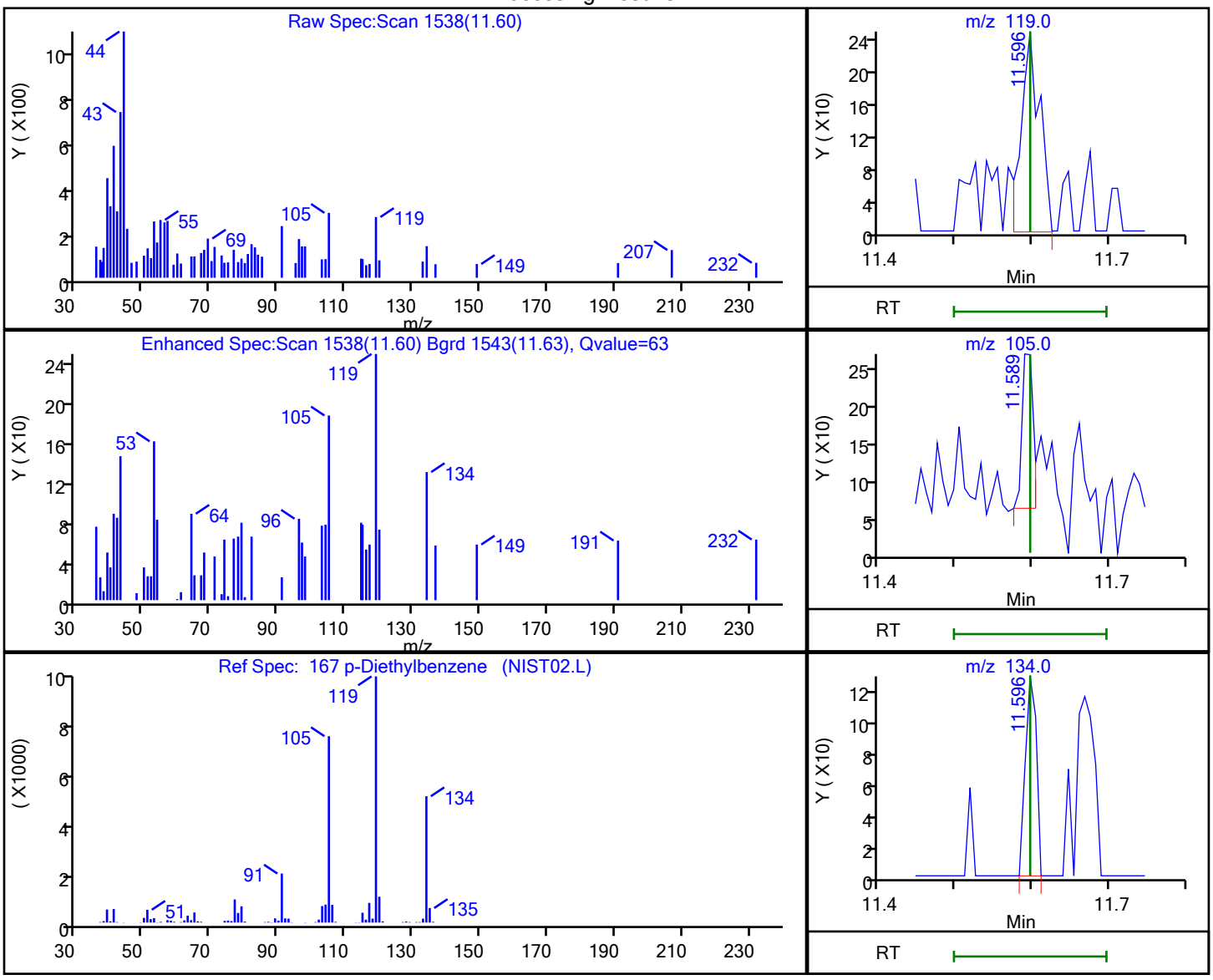
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D				
Injection Date:	23-Sep-2023 03:34:30	Instrument ID:	CVOAMS13		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

167 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
11.60	119.00	418	0.059987
11.59	105.00	214	
11.60	134.00	129	

Reviewer: HVW2, 24-Sep-2023 06:36:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

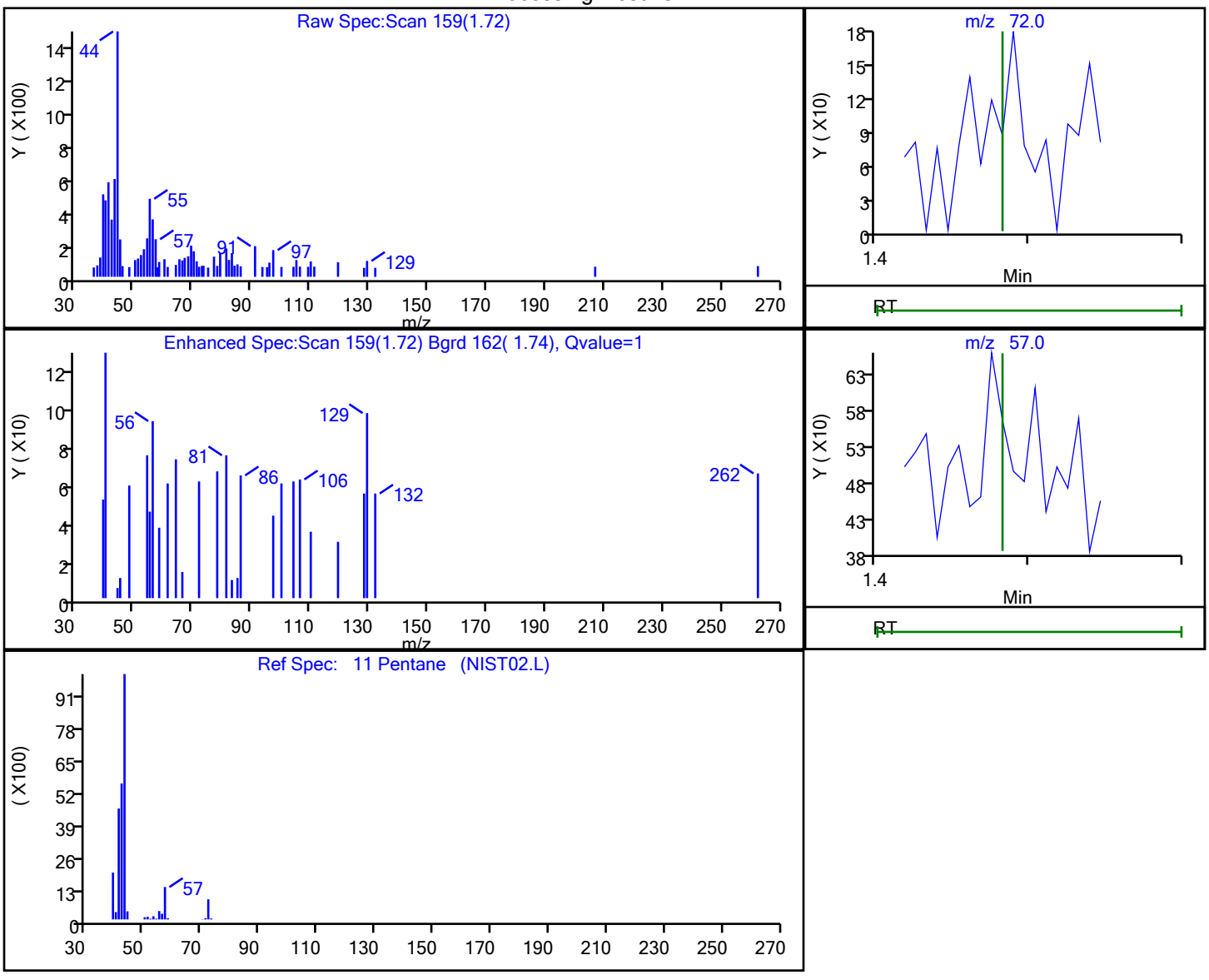
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.72	72.00	46	0.072359
1.73	57.00	220	

Reviewer: RD6L, 23-Sep-2023 07:05:46 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

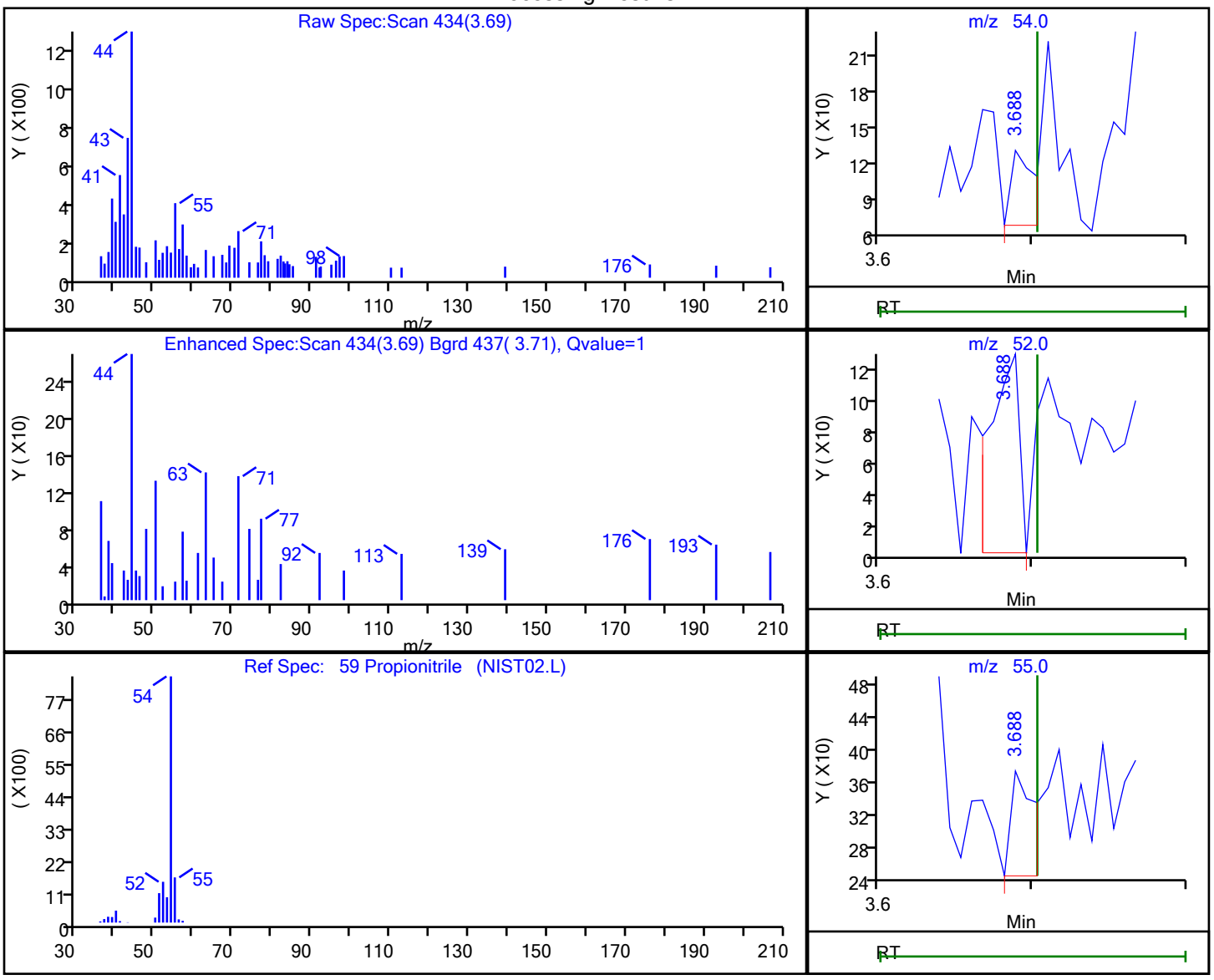
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.69	54.00	62	0.221494
3.69	52.00	165	
3.69	55.00	132	

Reviewer: HVW2, 24-Sep-2023 06:35:18 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

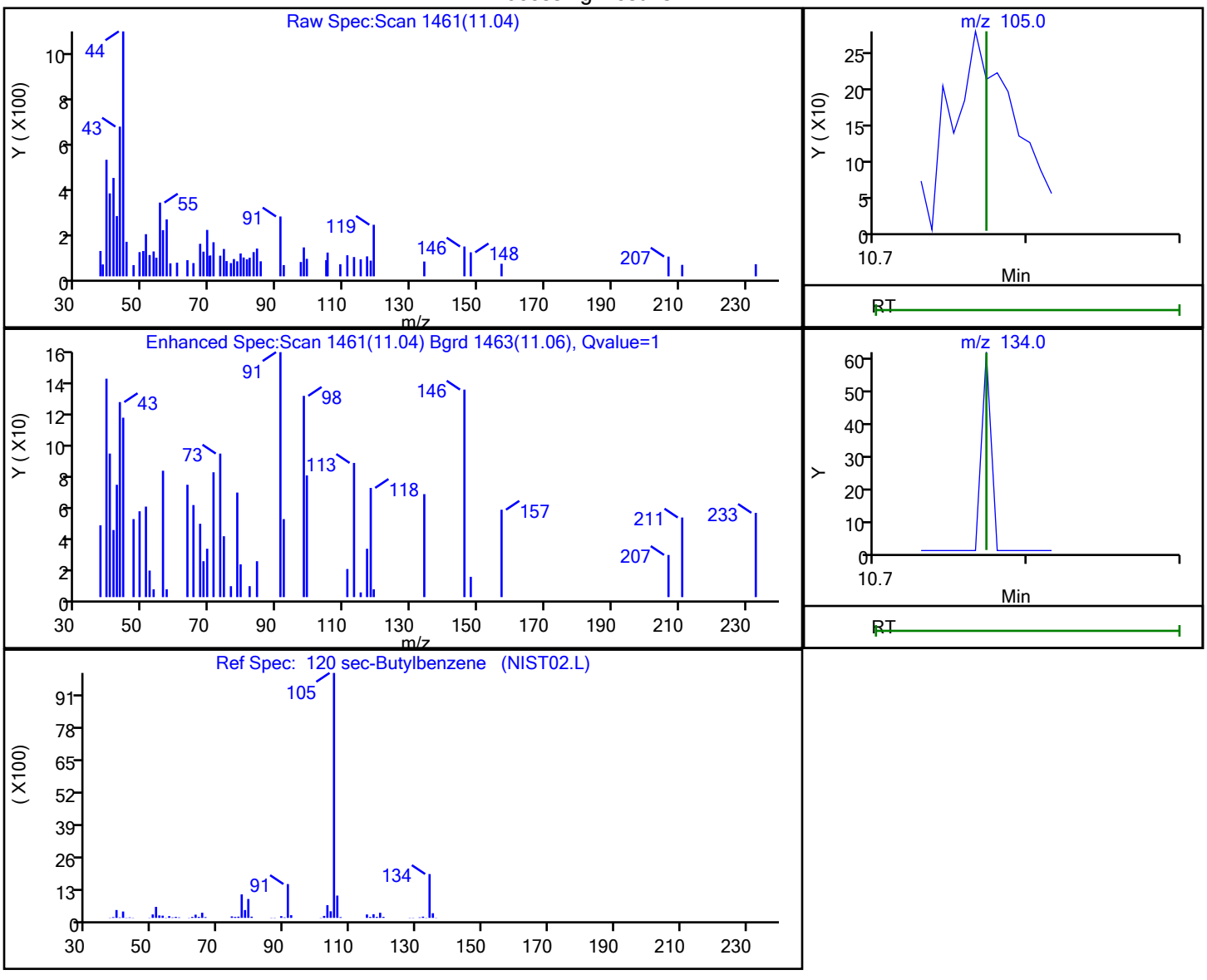
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

120 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
11.04	105.00	114	0.008272
11.05	134.00	76	

Reviewer: HVW2, 24-Sep-2023 06:36:02 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

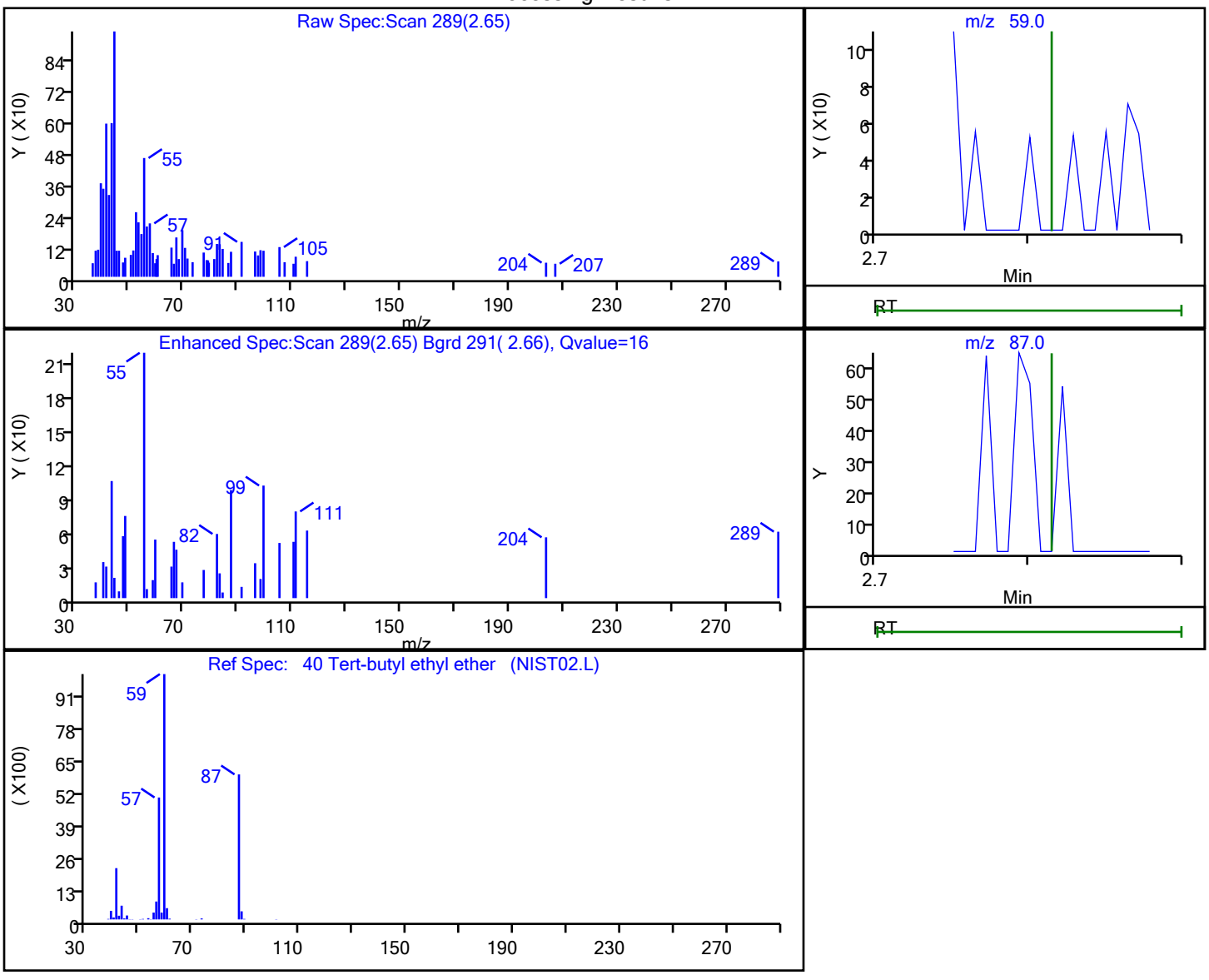
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
2.65	59.00	76	0.008073
2.65	87.00	41	

Reviewer: HVW2, 24-Sep-2023 06:35:04 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

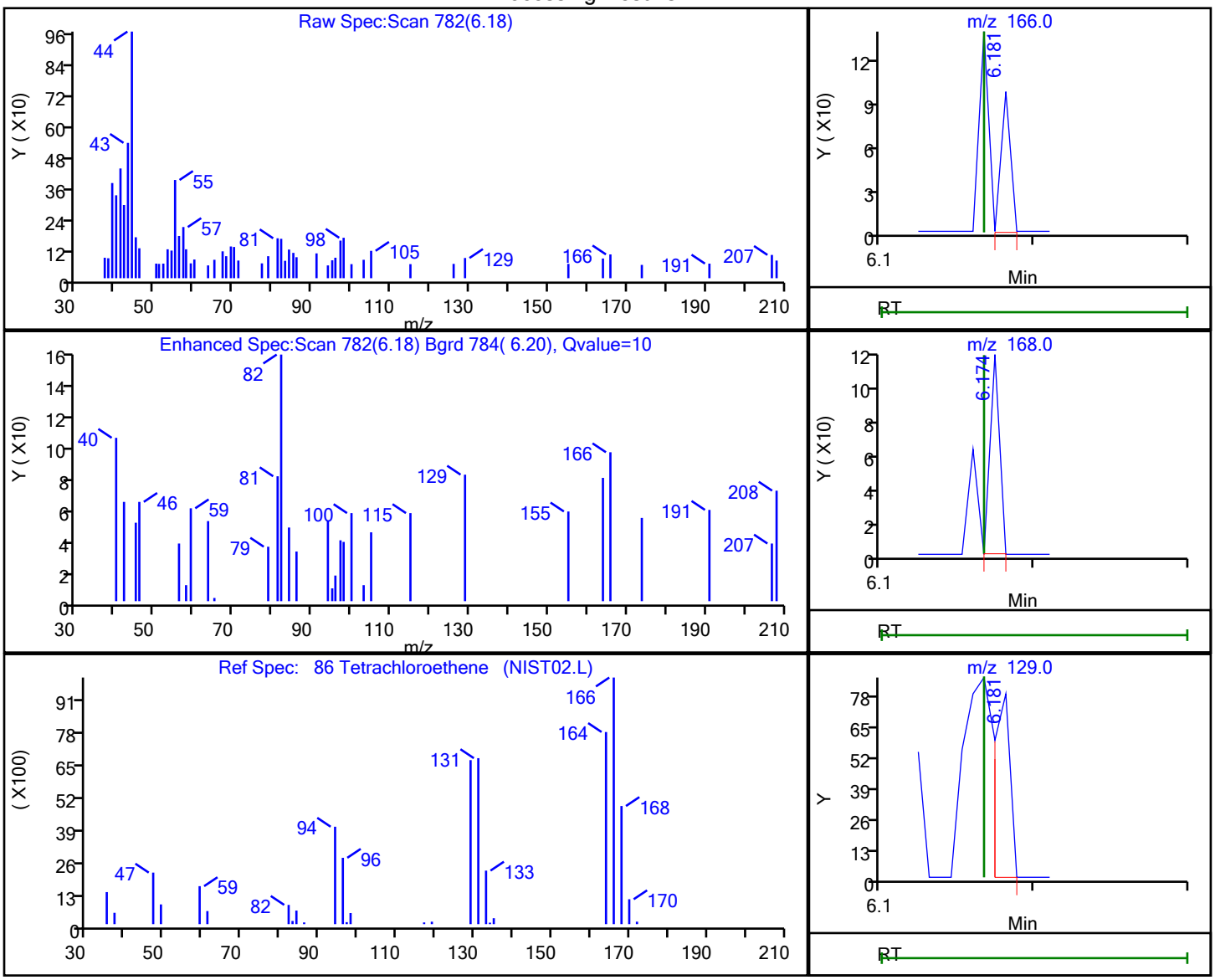
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

86 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
6.18	166.00	40	0.011390
6.17	168.00	50	
6.18	129.00	59	

Reviewer: HVW2, 24-Sep-2023 06:35:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

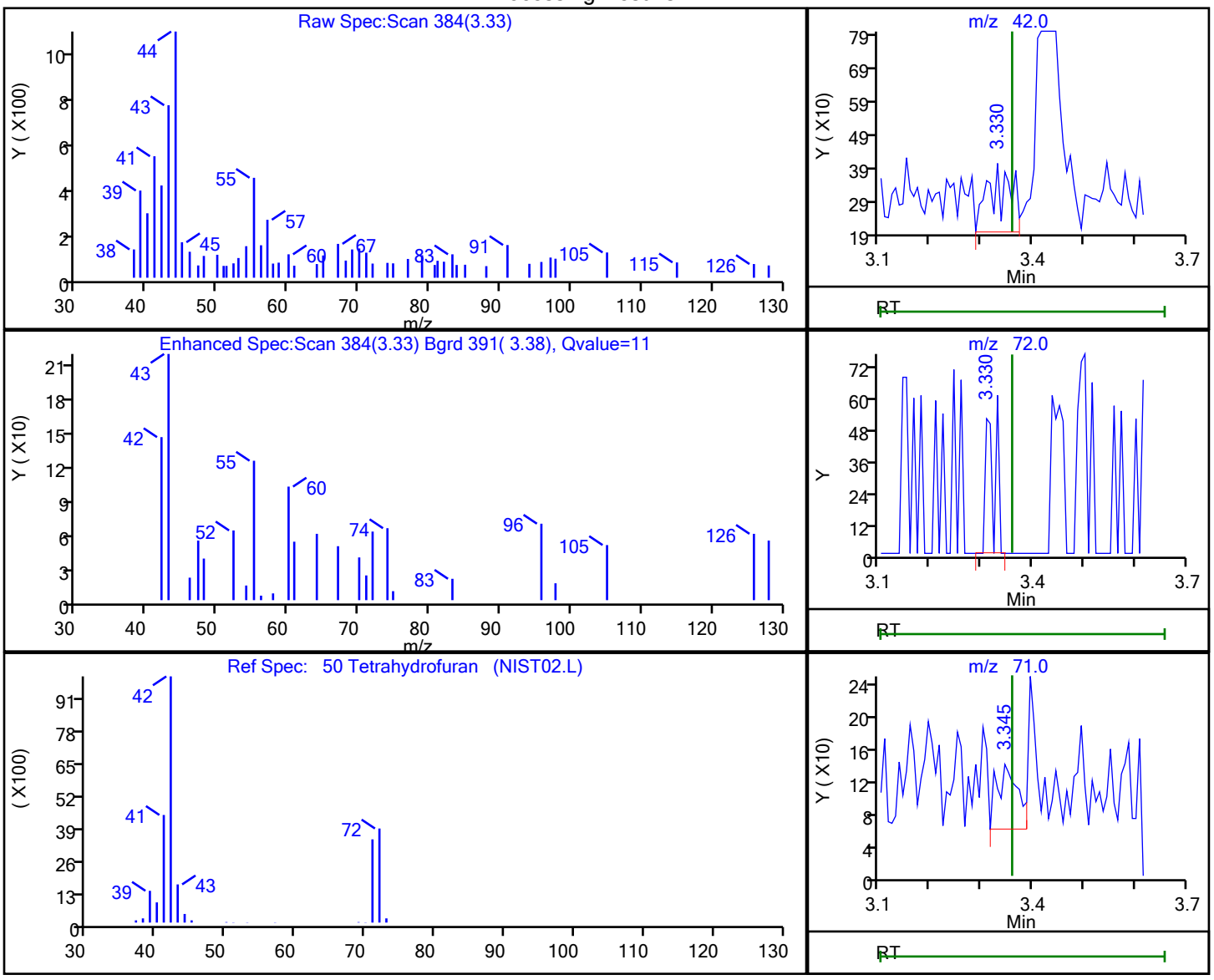
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.33	42.00	595	0.443793
3.33	72.00	70	
3.34	71.00	233	

Reviewer: HVW2, 24-Sep-2023 06:35:12 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

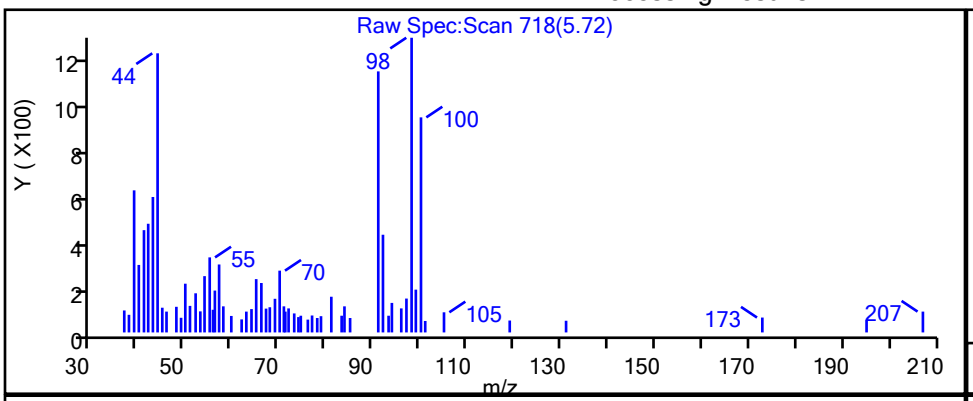
User Disabled Compound Report

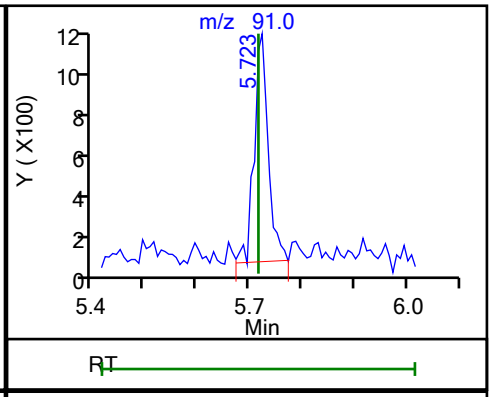
Eurofins Edison

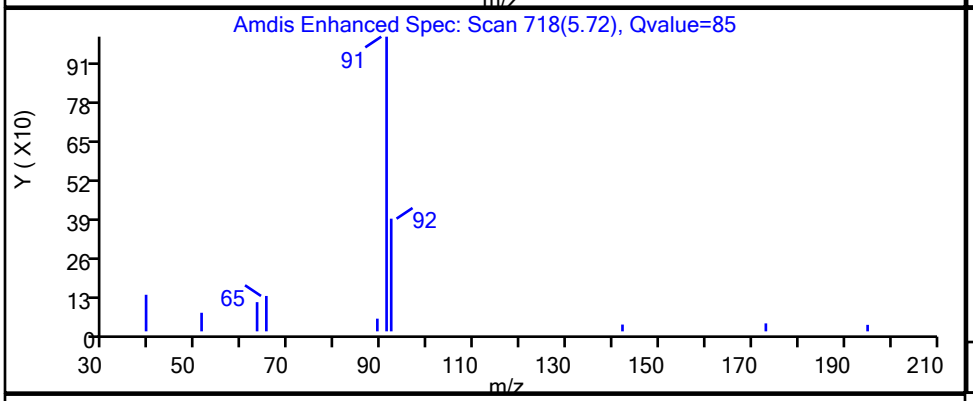
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

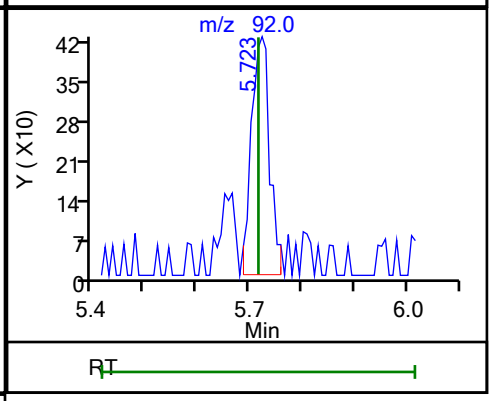
83 Toluene, CAS: 108-88-3

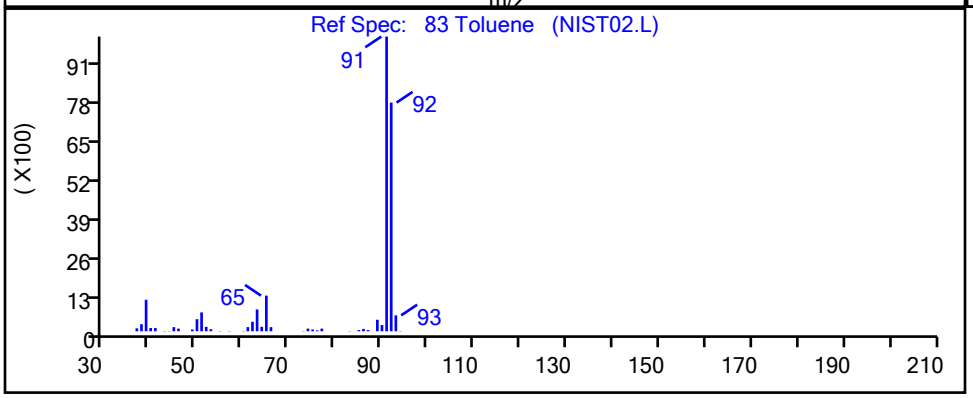
Processing Results











RT	Mass	Response	Amount
5.72	91.00	1914	0.136559
5.72	92.00	1045	

Reviewer: HVW2, 24-Sep-2023 06:35:31 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

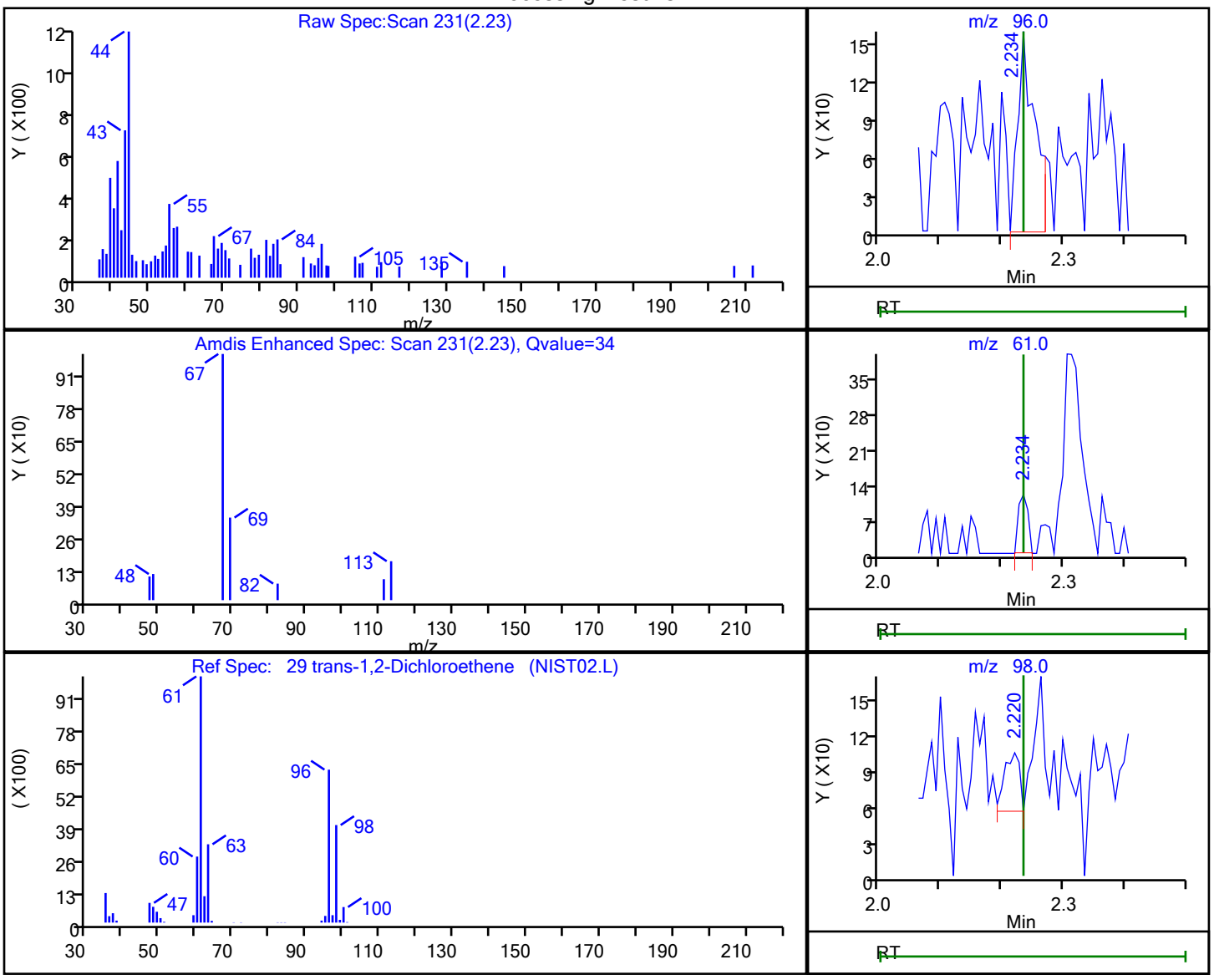
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.23	96.00	302	0.103412
2.23	61.00	129	
2.22	98.00	84	

Reviewer: HVW2, 24-Sep-2023 06:34:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

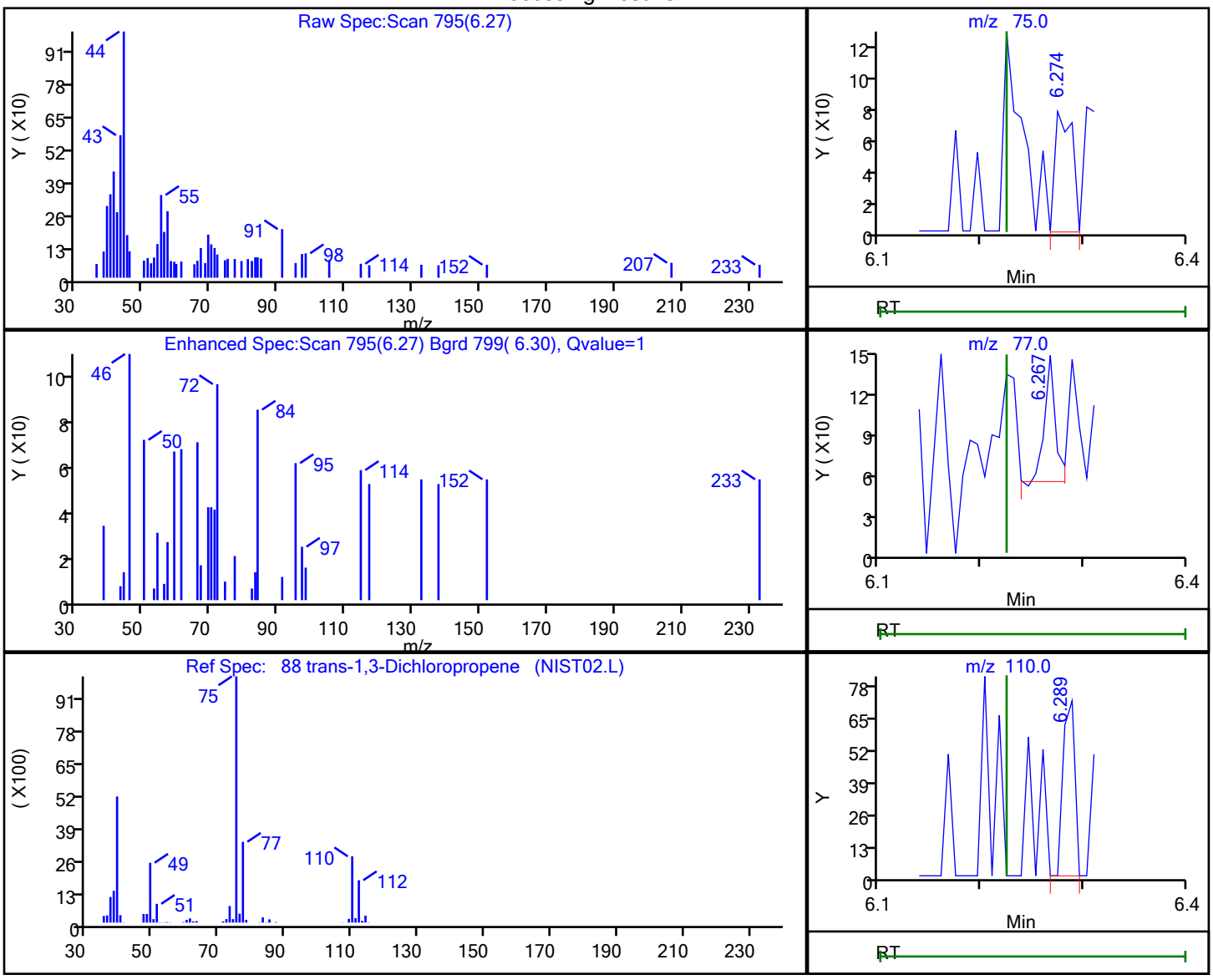
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.27	75.00	89	0.020537
6.27	77.00	67	
6.29	110.00	58	

Reviewer: HVW2, 24-Sep-2023 06:35:39 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

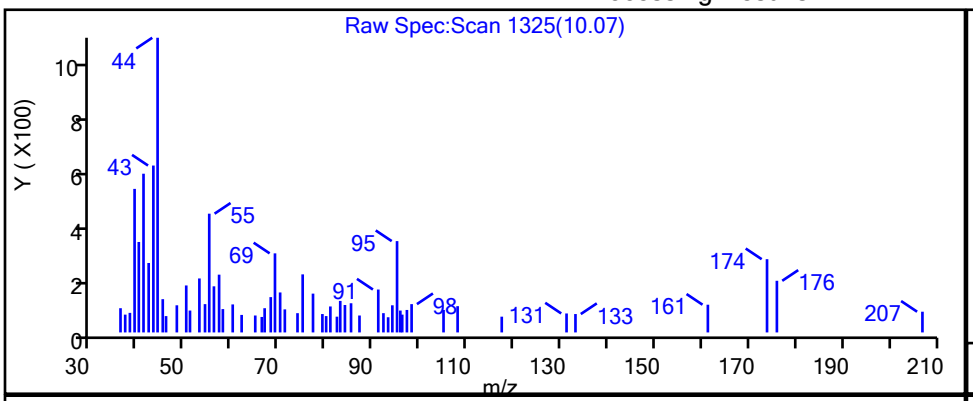
User Disabled Compound Report

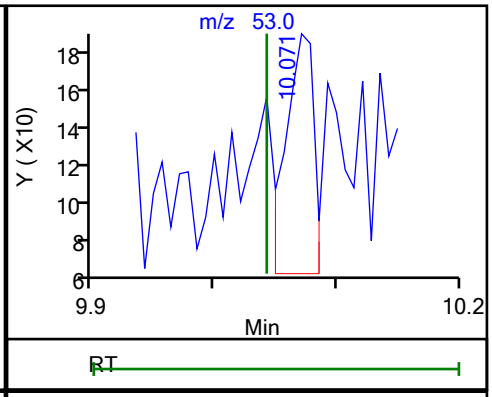
Eurofins Edison

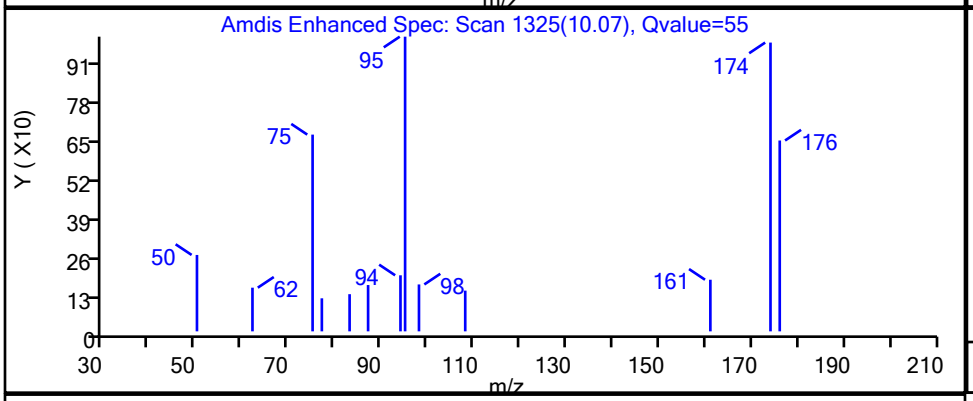
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

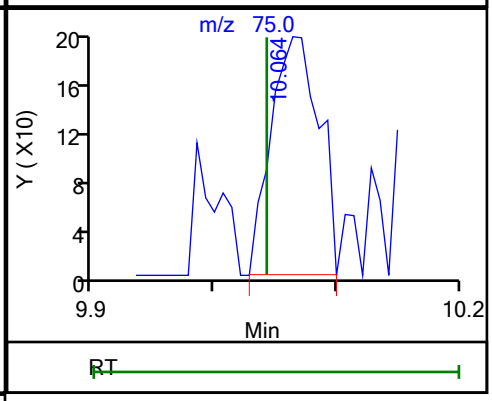
115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

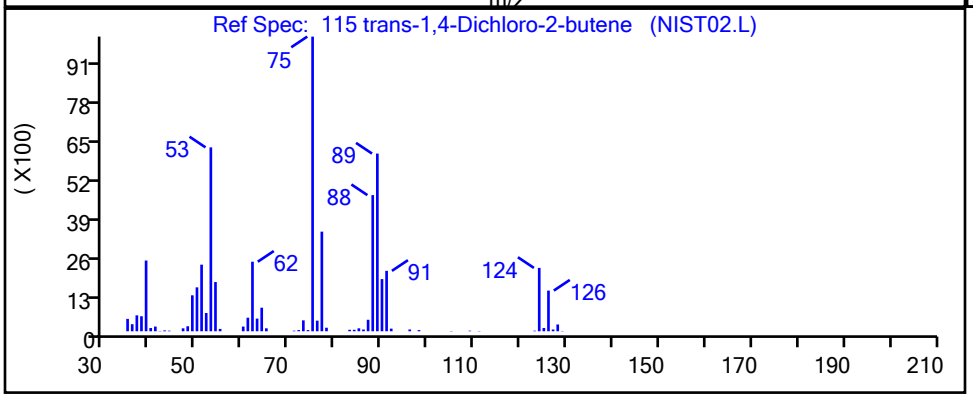
Processing Results











RT	Mass	Response	Amount
10.07	53.00	197	0.158420
10.06	75.00	552	

Reviewer: HVW2, 24-Sep-2023 06:35:57 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

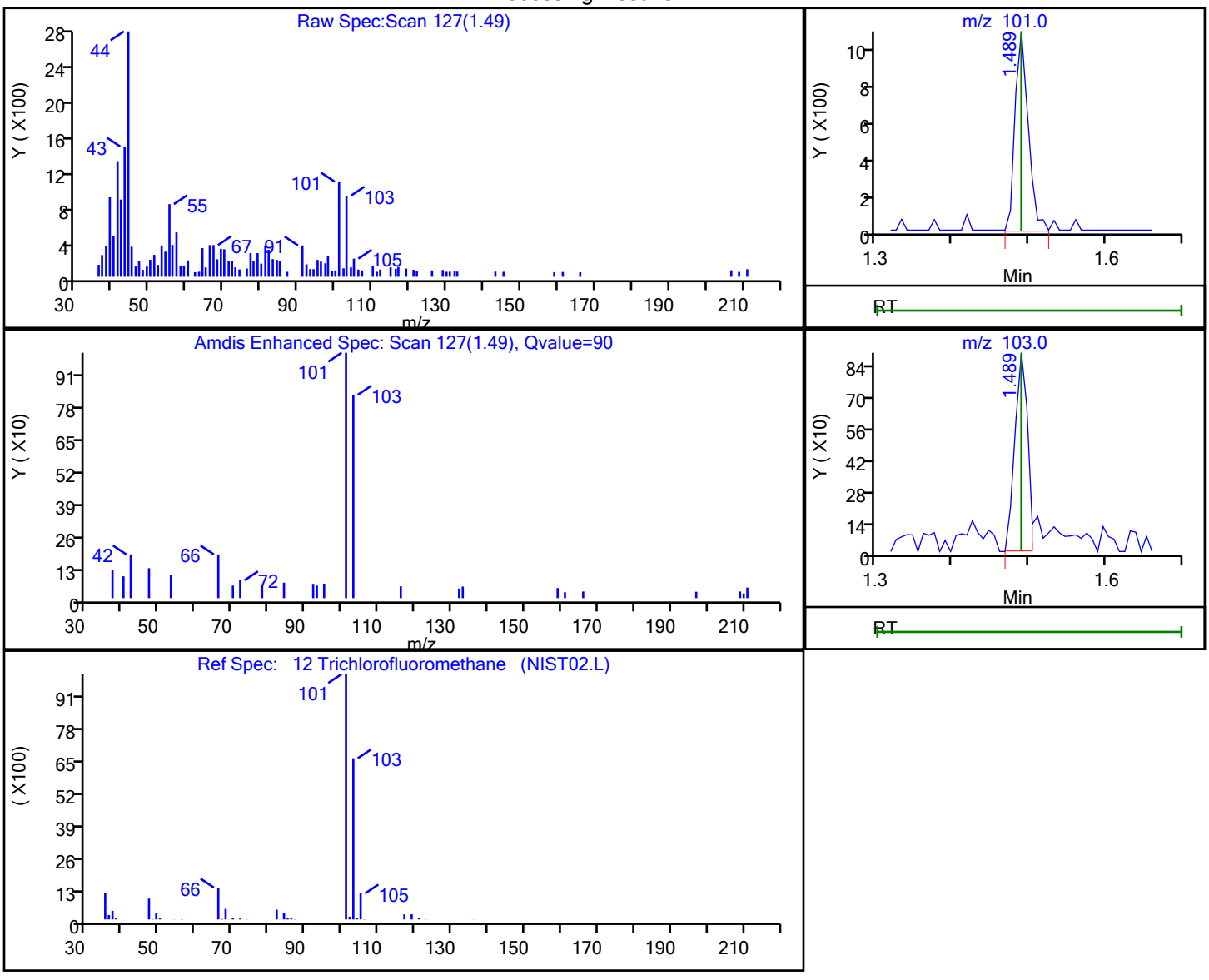
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.49	101.00	1258	0.257651
1.49	103.00	1058	

Reviewer: RD6L, 23-Sep-2023 07:05:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

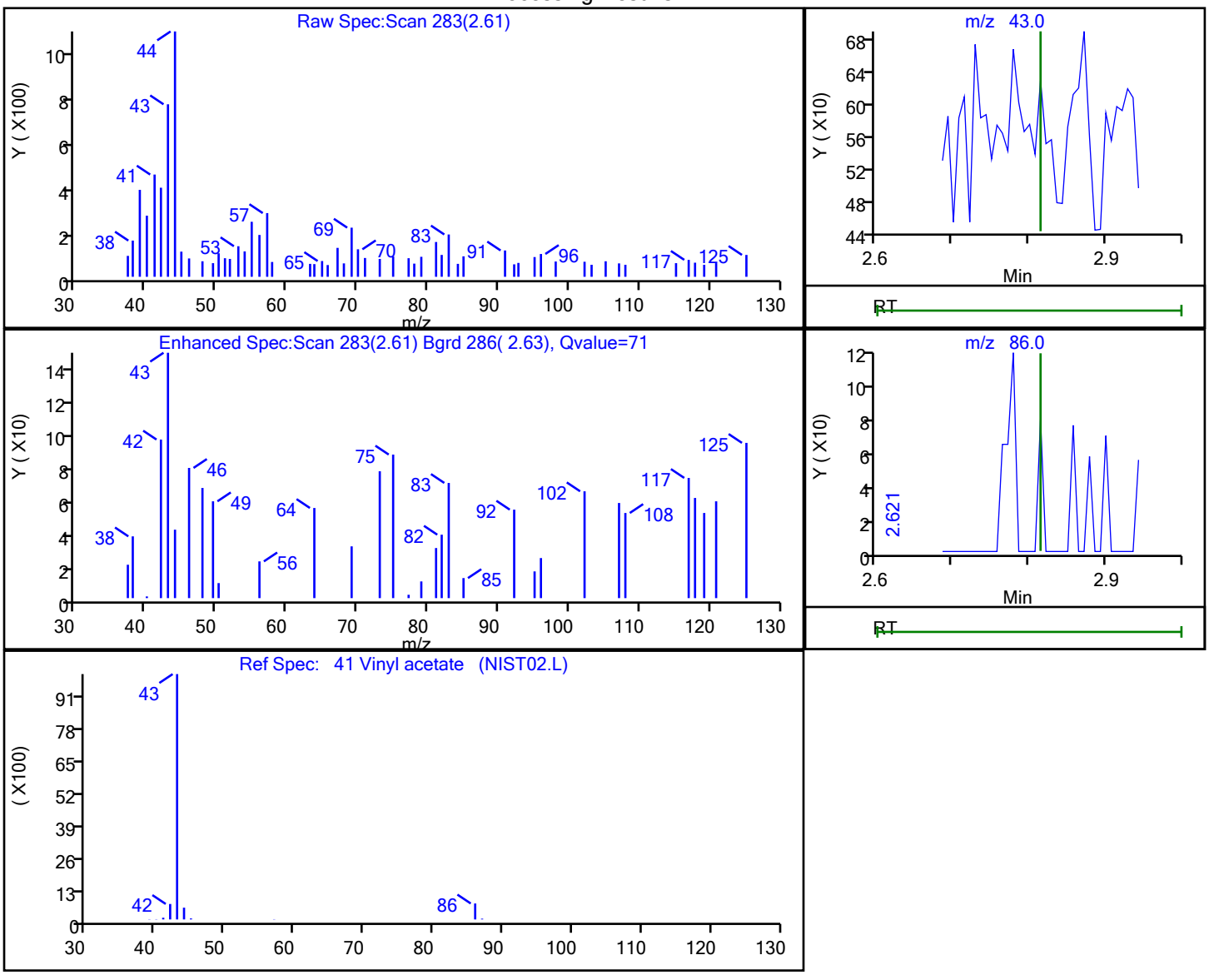
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
2.61	43.00	422	0.119034
2.62	86.00	22	

Reviewer: HVW2, 24-Sep-2023 06:35:03 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

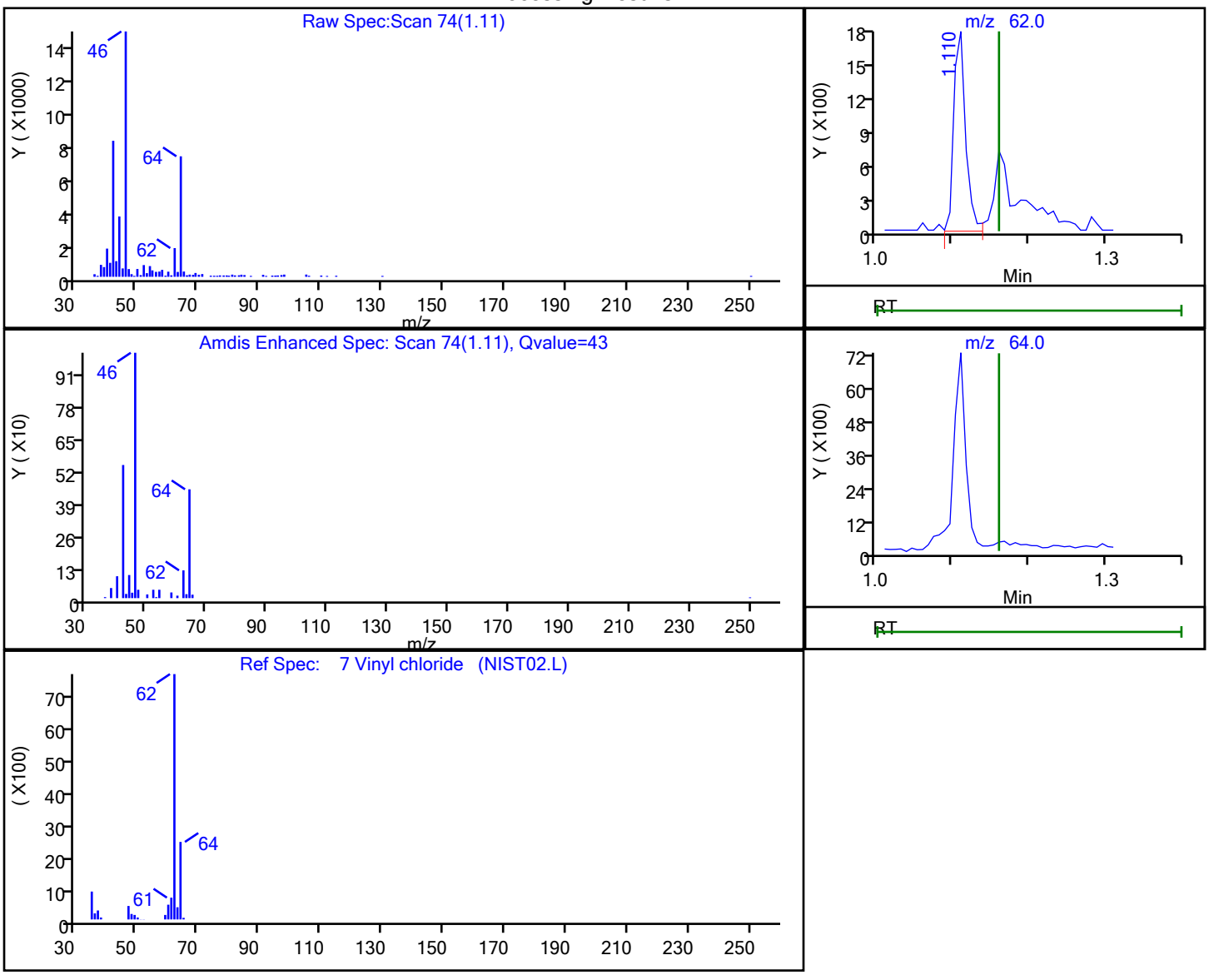
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198034.D
Injection Date: 23-Sep-2023 03:34:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.11	62.00	1873	0.434004
1.11	64.00	11336	

Reviewer: RD6L, 23-Sep-2023 07:05:29 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Sep-2023 04:00:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0166364-004
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:30:07 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 07:05:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.995	0.995	0.000	36	544	1.00	0.8679	a
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	96	3537	1.00	0.8572	
168 Chlorodifluoromethane	51	1.053	1.053	0.000	95	8495	1.00	1.22	
7 Vinyl chloride	62	1.160	1.160	0.000	58	5228	1.00	1.15	
6 Chloromethane	50	1.160	1.160	0.000	54	7472	1.00	1.14	
175 Butadiene	54	1.160	1.167	-0.007	93	4378	1.00	1.00	M
9 Bromomethane	94	1.346	1.346	0.000	91	1313	1.00	1.01	M
10 Chloroethane	64	1.418	1.411	0.007	96	3151	1.00	1.13	M
11 Pentane	72	1.489	1.482	0.007	98	1180	2.00	2.37	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	64	5199	1.00	1.06	
177 Dichlorofluoromethane	67	1.532	1.525	0.007	99	6691	1.00	1.11	M
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	92	4991	1.00	1.06	
15 Ethyl ether	59	1.669	1.669	0.000	96	3562	1.00	1.01	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.776	0.000	97	1487	1.00	1.19	
17 1,1-Dichloroethene	96	1.783	1.783	0.000	94	3078	1.00	1.20	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.805	0.000	48	2413	1.00	0.9330	
16 Ethanol	46	1.769	1.805	-0.036	0	233	40.0	23.1	a
19 Carbon disulfide	76	1.805	1.805	0.000	100	11360	1.00	1.19	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.812	0.000	90	4626	1.00	1.08	
22 Iodomethane	142	1.876	1.876	0.000	97	1881	1.00	0.7223	
169 Cyclopentene	67	1.962	1.962	0.000	96	7374	1.00	1.12	
24 Acrolein	56	1.977	1.977	0.000	44	1130	4.00	4.56	
164 3-Chloro-1-propene	76	2.063	2.070	-0.008	28	2092	1.00	1.17	
26 Isopropyl alcohol	45	2.084	2.084	0.000	97	1194	10.0	12.8	M
27 Methylene Chloride	84	2.141	2.141	0.000	97	3681	1.00	1.18	M
28 Acetone	43	2.163	2.156	0.007	83	3278	5.00	6.15	
29 trans-1,2-Dichloroethene	96	2.234	2.234	0.000	96	3197	1.00	1.10	
30 Methyl acetate	74	2.242	2.242	0.000	24	667	2.00	2.64	a
31 Hexane	86	2.292	2.292	0.000	92	813	1.00	1.27	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	40	7276	1.00	1.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	100	109634	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.371	2.363	0.008	96	1579	10.0	14.0	
35 Acetonitrile	41	2.471	2.464	0.007	100	2545	10.0	12.3	
36 Isopropyl ether	45	2.564	2.557	0.007	94	11449	1.00	1.04	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	96	3014	1.00	1.09	
38 1,1-Dichloroethane	63	2.636	2.643	-0.007	98	6581	1.00	1.07	
39 Acrylonitrile	53	2.664	2.664	0.000	97	6935	10.0	9.12	
41 Vinyl acetate	43	2.815	2.815	0.000	94	7562	2.00	2.23	
40 Tert-butyl ethyl ether	59	2.822	2.815	0.007	82	9794	1.00	1.09	
42 cis-1,2-Dichloroethene	96	3.022	3.022	0.000	91	3574	1.00	1.13	
43 2,2-Dichloropropane	97	3.108	3.101	0.007	91	987	1.00	1.13	
45 Chlorobromomethane	128	3.173	3.173	0.000	95	1388	1.00	1.10	
44 Cyclohexane	56	3.180	3.180	0.000	95	5114	1.00	0.9651	
46 Chloroform	83	3.237	3.237	0.000	96	5494	1.00	1.03	
48 Ethyl acetate	70	3.338	3.330	0.008	89	595	2.00	2.04	
49 Methyl acrylate	55	3.338	3.338	0.000	51	1872	1.00	1.08	
47 Carbon tetrachloride	117	3.338	3.345	-0.007	93	4420	1.00	1.15	
50 Tetrahydrofuran	42	3.366	3.359	0.007	29	2133	2.00	2.79	M
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.381	-0.008	96	113458	50.0	49.6	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	93	5463	1.00	1.16	
* 53 2-Butanone-d5	46	3.423	3.431	-0.008	99	191806	250.0	250.0	
54 2-Butanone (MEK)	72	3.474	3.466	0.008	99	1377	5.00	6.34	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	91	1702	1.00	1.20	
56 Isooctane	57	3.595	3.595	0.000	97	6507	1.00	0.9764	
57 n-Heptane	57	3.689	3.689	0.000	49	1538	1.00	0.99	
58 Benzene	78	3.696	3.696	0.000	98	13814	1.00	1.10	
59 Propionitrile	54	3.710	3.703	0.007	34	2483	10.0	11.6	
60 Methacrylonitrile	67	3.724	3.717	0.007	95	7374	10.0	9.67	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	138370	50.0	50.0	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	38	7572	1.00	1.05	
63 1,2-Dichloroethane	62	3.860	3.860	0.000	94	4229	1.00	1.09	
64 Isobutyl alcohol	43	3.925	3.918	0.007	81	1756	25.0	29.0	
* 66 Fluorobenzene	96	4.054	4.054	0.000	97	637028	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	98	3730	1.00	0.9498	
68 Methylcyclohexane	83	4.211	4.211	0.000	87	4227	1.00	0.9830	
69 Trichloroethene	130	4.211	4.219	-0.008	91	3450	1.00	1.08	
71 Dibromomethane	93	4.605	4.605	0.000	91	1557	1.00	1.08	
73 1,2-Dichloropropane	63	4.699	4.699	-0.001	85	3640	1.00	1.08	
74 Ethyl acrylate	55	4.763	4.763	0.000	97	2599	1.00	1.03	
75 Dichlorobromomethane	83	4.784	4.784	0.000	98	4147	1.00	1.05	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	83	15348	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.971	0.000	90	969	2.00	2.04	
78 1,4-Dioxane	88	4.999	4.992	0.007	82	701	50.0	46.5	
79 n-Propyl acetate	43	5.135	5.128	0.007	96	2211	1.00	0.8368	
80 2-Chloroethyl vinyl ether	63	5.408	5.408	0.000	91	919	1.00	1.02	a
81 cis-1,3-Dichloropropene	75	5.458	5.458	0.000	96	5460	1.00	1.09	
$ 82 Toluene-d8 (Surr)	98	5.658	5.658	0.000	98	520938	50.0	51.3	
83 Toluene	91	5.716	5.716	0.000	92	15764	1.00	1.19	
84 Epichlorohydrin	57	5.744	5.730	0.014	95	1557	20.0	16.5	a
85 2-Nitropropane	41	5.974	5.966	0.008	96	1738	2.00	2.02	M
86 Tetrachloroethene	166	6.174	6.167	0.007	93	3493	1.00	1.24	
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.181	0.007	97	9017	5.00	5.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 trans-1,3-Dichloropropene	75	6.224	6.224	0.000	97	4385	1.00	1.05	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	90	1797	1.00	1.03	
90 Ethyl methacrylate	69	6.482	6.475	0.007	91	2319	1.00	0.8848	
91 Chlorodibromomethane	129	6.625	6.625	0.000	95	2554	1.00	1.10	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	93	3948	1.00	1.04	
93 Ethylene Dibromide	107	6.883	6.876	0.007	98	2041	1.00	1.08	
94 n-Butyl acetate	43	7.206	7.198	0.008	95	3202	1.00	1.02	
95 2-Hexanone	43	7.277	7.270	0.007	96	6079	5.00	5.05	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	467836	50.0	50.0	
97 Chlorobenzene	112	7.607	7.607	0.000	95	8802	1.00	1.11	
98 Ethylbenzene	106	7.693	7.693	0.000	99	4883	1.00	1.11	
99 1,1,1,2-Tetrachloroethane	131	7.721	7.721	0.000	89	2655	1.00	1.01	
100 m-Xylene & p-Xylene	106	7.908	7.908	0.000	0	5818	1.00	1.08	
101 o-Xylene	106	8.509	8.509	0.000	93	5934	1.00	1.12	
102 Bromoform	173	8.581	8.581	0.000	92	1454	1.00	1.13	
103 Styrene	104	8.595	8.595	0.000	94	9411	1.00	1.08	
104 n-Butyl acrylate	73	8.910	8.903	0.007	96	1865	1.00	1.16	
105 Isopropylbenzene	105	9.003	9.004	-0.001	97	15092	1.00	1.12	
106 Amyl acetate (mixed isomers)	43	9.326	9.319	0.007	86	4163	1.00	1.03	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	84	155875	50.0	50.5	
108 Bromobenzene	156	9.505	9.505	0.000	94	3407	1.00	1.12	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	18222	1.00	1.11	
110 1,1,2,2-Tetrachloroethane	83	9.777	9.784	-0.007	97	2020	1.00	1.05	
111 2-Chlorotoluene	91	9.827	9.827	0.000	96	12205	1.00	1.07	
172 4-Ethyltoluene	105	9.842	9.834	0.008	97	14416	1.00	1.07	
113 1,2,3-Trichloropropane	110	9.920	9.928	-0.008	93	643	1.00	1.10	
114 1,3,5-Trimethylbenzene	105	9.992	9.992	0.000	92	12642	1.00	1.13	
115 trans-1,4-Dichloro-2-butene	53	10.049	10.042	0.007	81	1203	1.00	0.99	
116 4-Chlorotoluene	91	10.099	10.099	0.000	99	11084	1.00	1.09	
117 tert-Butylbenzene	119	10.472	10.472	0.000	92	10504	1.00	1.15	
119 Butyl Methacrylate	87	10.579	10.579	0.000	98	3552	1.00	1.03	
118 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	97	12605	1.00	1.09	
120 sec-Butylbenzene	105	10.773	10.773	0.000	98	14468	1.00	1.11	
121 1,3-Dichlorobenzene	146	11.038	11.038	0.000	87	6063	1.00	1.06	
122 4-Isopropyltoluene	119	11.052	11.045	0.007	97	12360	1.00	1.11	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	233039	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.188	11.188	0.000	91	6419	1.00	1.11	
125 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	99	12160	1.00	1.05	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	10953	1.00	1.06	
127 Benzyl chloride	126	11.582	11.582	0.000	91	753	1.00	0.9342	
167 p-Diethylbenzene	119	11.597	11.597	-0.001	91	7103	1.00	1.09	
129 n-Butylbenzene	91	11.661	11.668	-0.007	98	11318	1.00	1.14	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	92	5369	1.00	1.09	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	97	10097	1.00	1.06	
132 1,2-Dibromo-3-Chloropropane	157	12.714	12.714	0.000	83	286	1.00	0.9815	
133 1,3,5-Trichlorobenzene	180	12.764	12.757	0.007	95	3820	1.00	1.10	
134 1,2,4-Trichlorobenzene	180	13.394	13.387	0.007	92	2599	1.00	1.11	
135 Hexachlorobutadiene	225	13.402	13.402	0.000	86	1183	1.00	1.15	
136 Naphthalene	128	13.674	13.667	0.007	98	4932	1.00	1.32	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	93	3369	1.00	1.00	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	92	1506	1.00	1.14	a
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.22	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Xylenes, Total	100				0		2.00	2.20	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00159	Amount Added:	4.00	Units: uL	
GASES Li_00549	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00176	Amount Added:	10.00	Units: uL	
524FREONS_00008	Amount Added:	10.00	Units: uL	
14DIOXINTER_00160	Amount Added:	30.00	Units: uL	
EthyhexAcr_Li_00004	Amount Added:	10.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:30:08 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D

Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13 Operator ID:

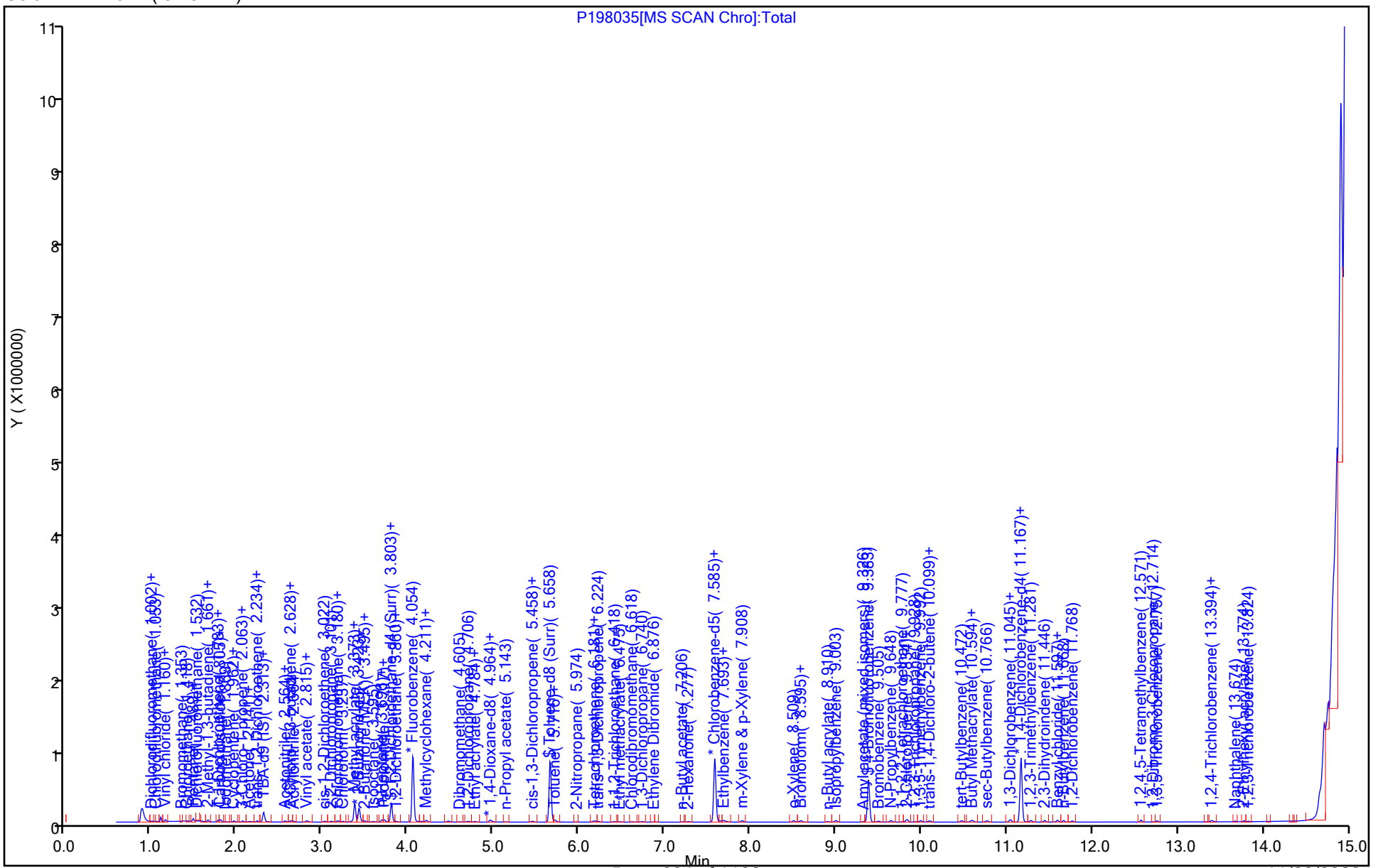
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

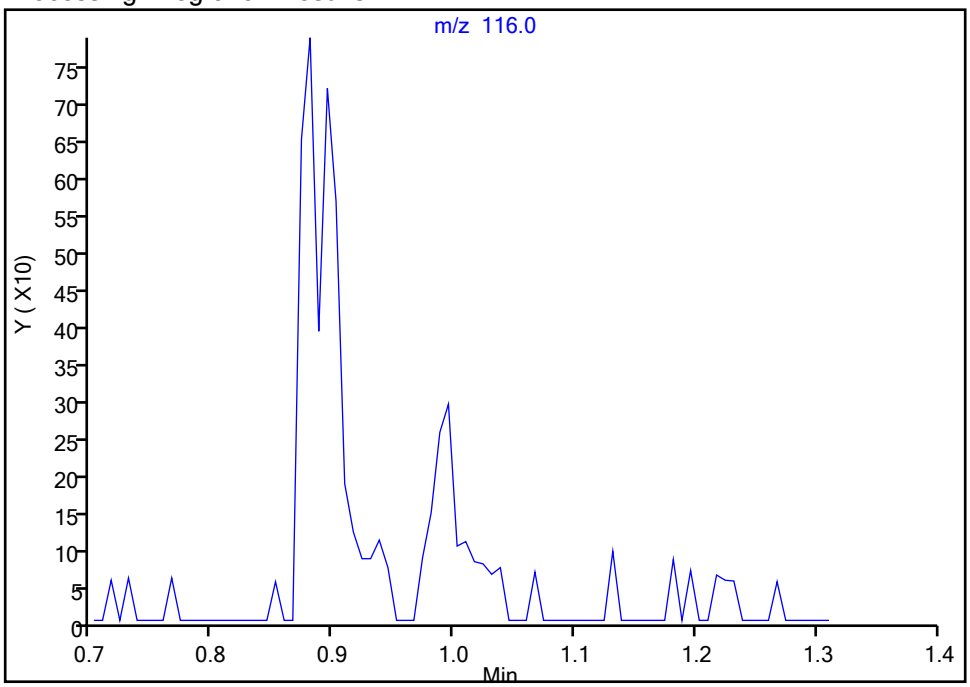
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

173 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

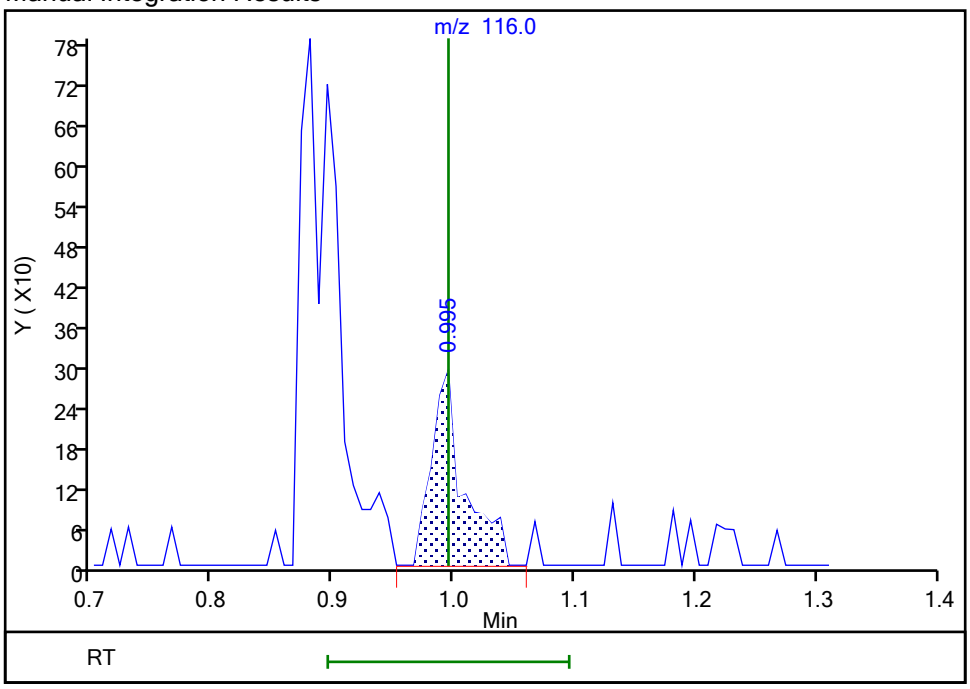
Not Detected
Expected RT: 1.00

Processing Integration Results



Manual Integration Results

RT: 1.00
Area: 544
Amount: 0.867909
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 07:04:53 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

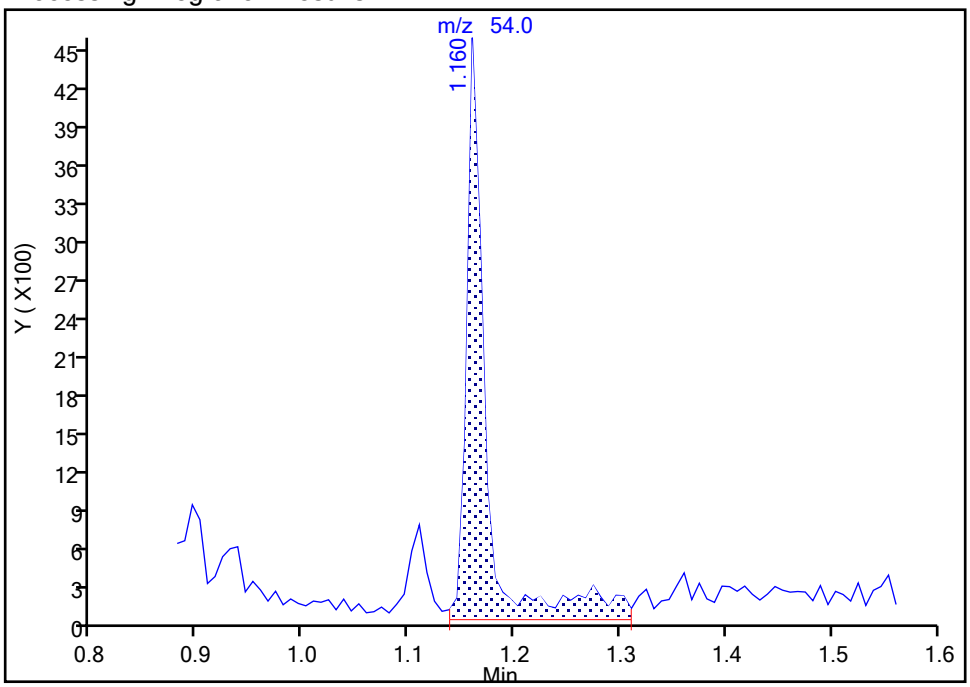
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

175 Butadiene, CAS: 106-99-0

Signal: 1

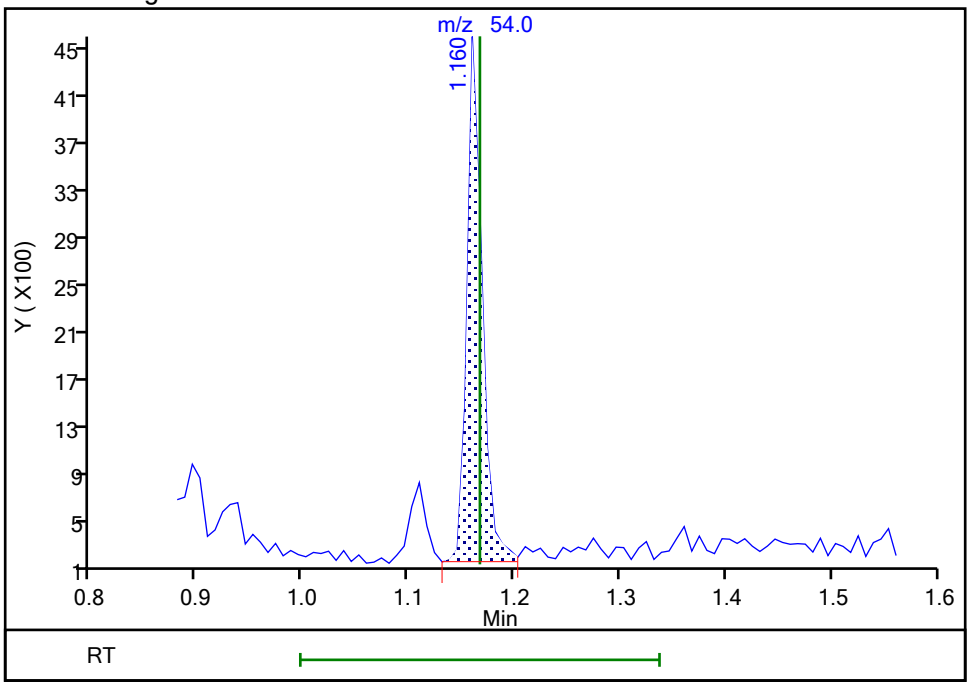
Processing Integration Results

RT: 1.16
Area: 5724
Amount: 1.155871
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 4378
Amount: 1.002880
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:35:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

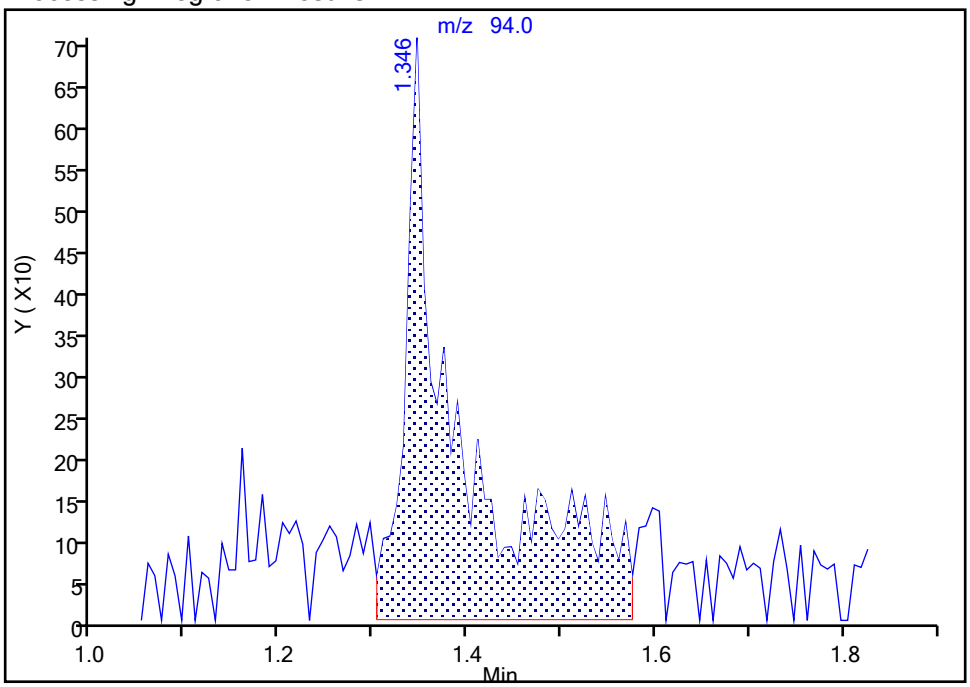
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

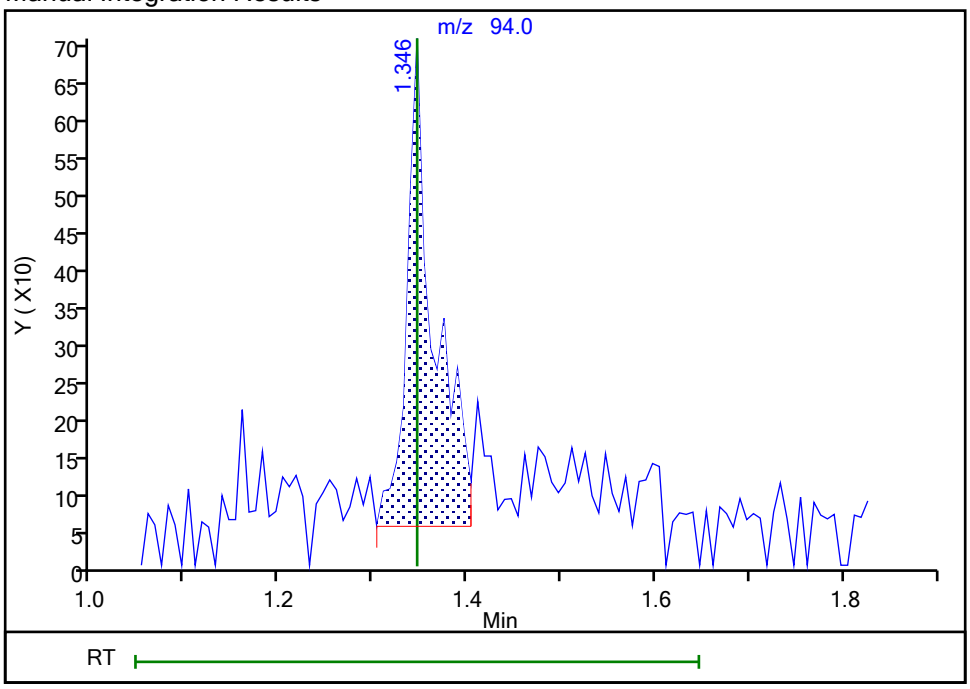
Processing Integration Results

RT: 1.35
Area: 2833
Amount: 2.293471
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 1313
Amount: 1.013158
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:35:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

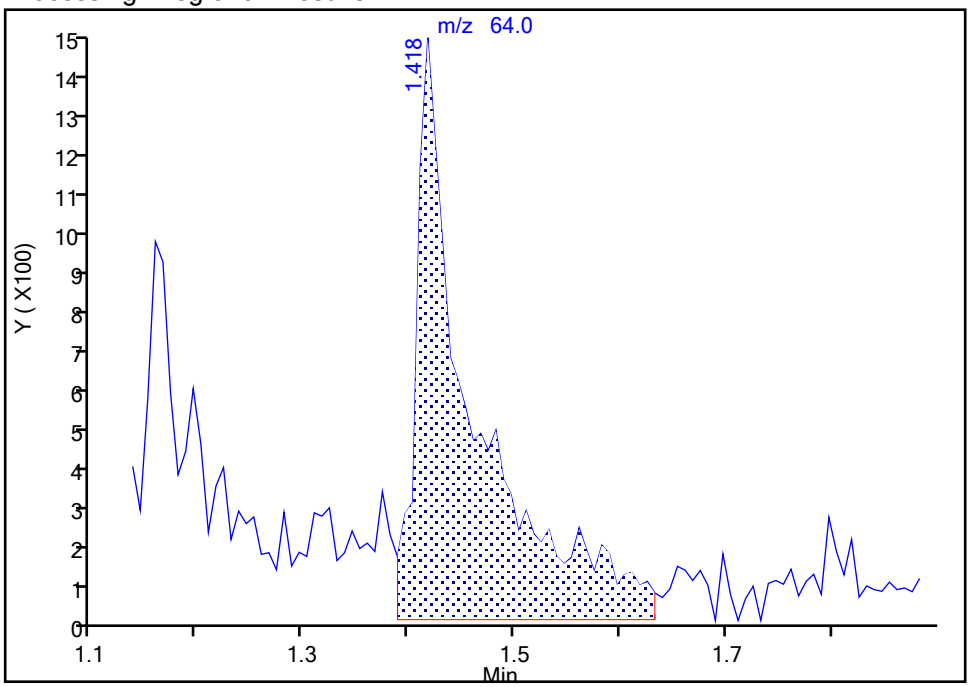
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

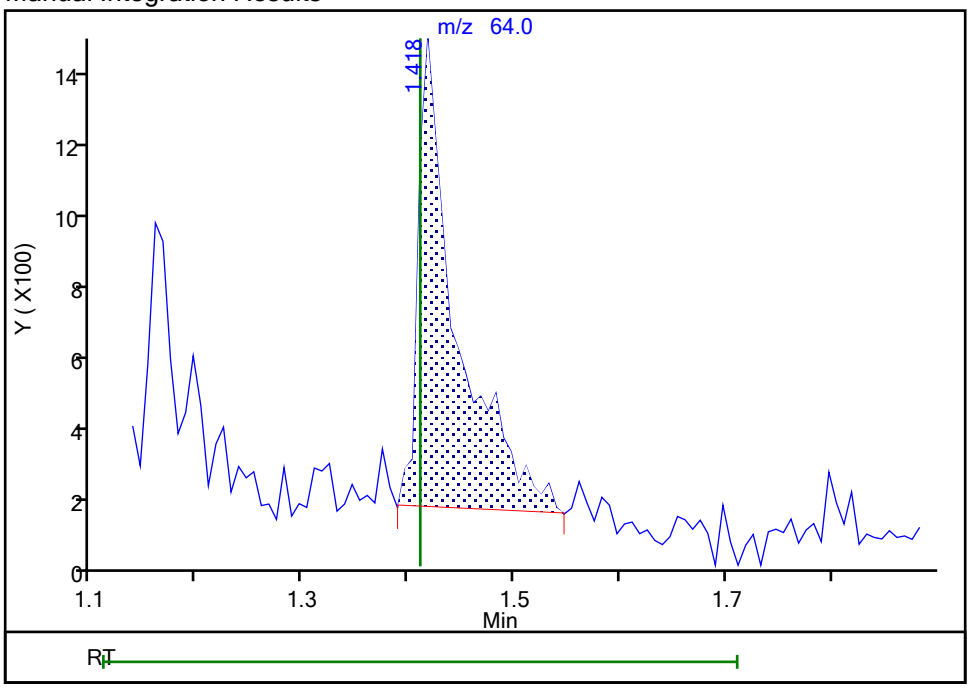
Processing Integration Results

RT: 1.42
Area: 5277
Amount: 1.608300
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 3151
Amount: 1.131857
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:36:04 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

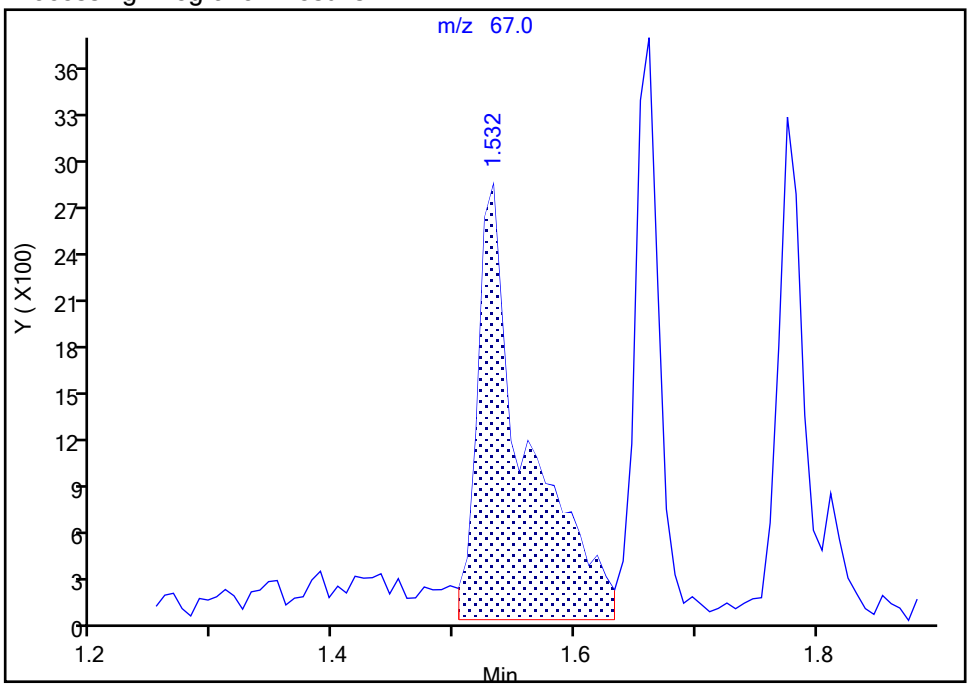
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

177 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

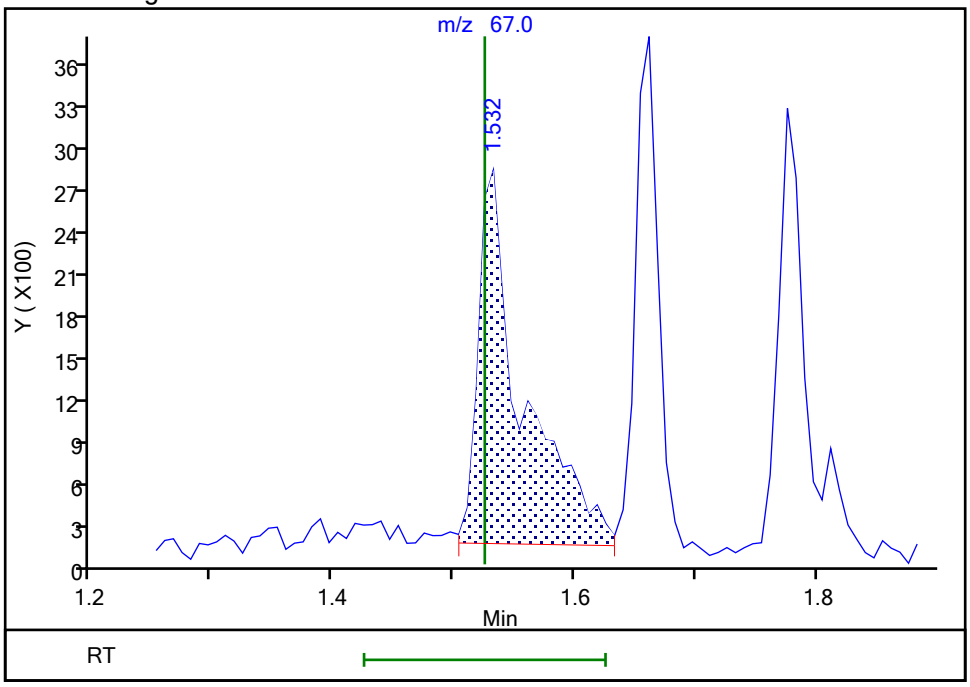
Processing Integration Results

RT: 1.53
Area: 7777
Amount: 1.148120
Amount Units: ug/l



Manual Integration Results

RT: 1.53
Area: 6691
Amount: 1.113473
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:36:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

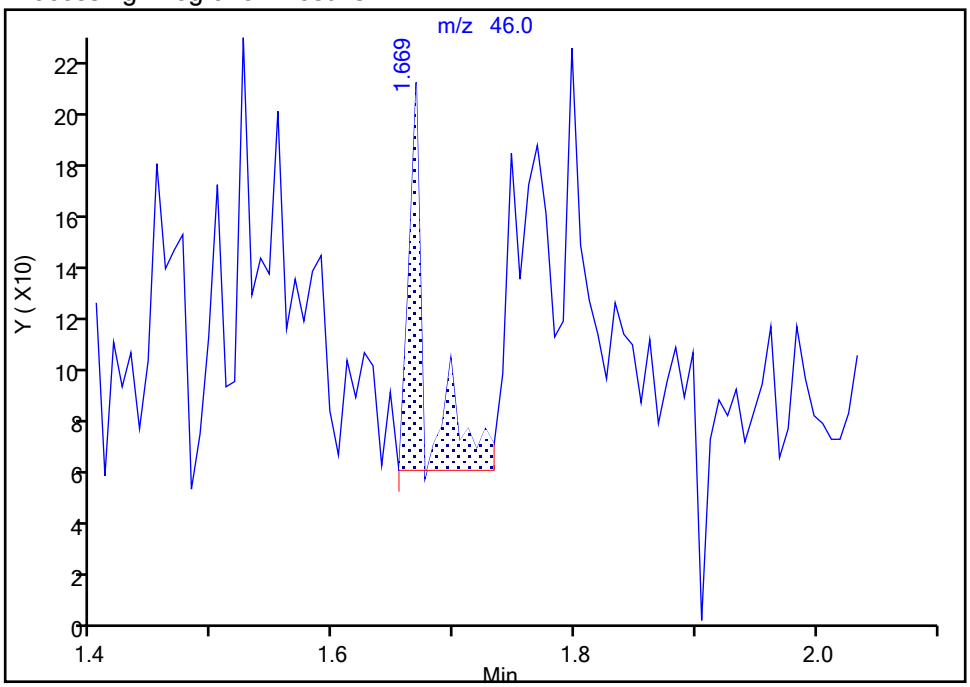
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

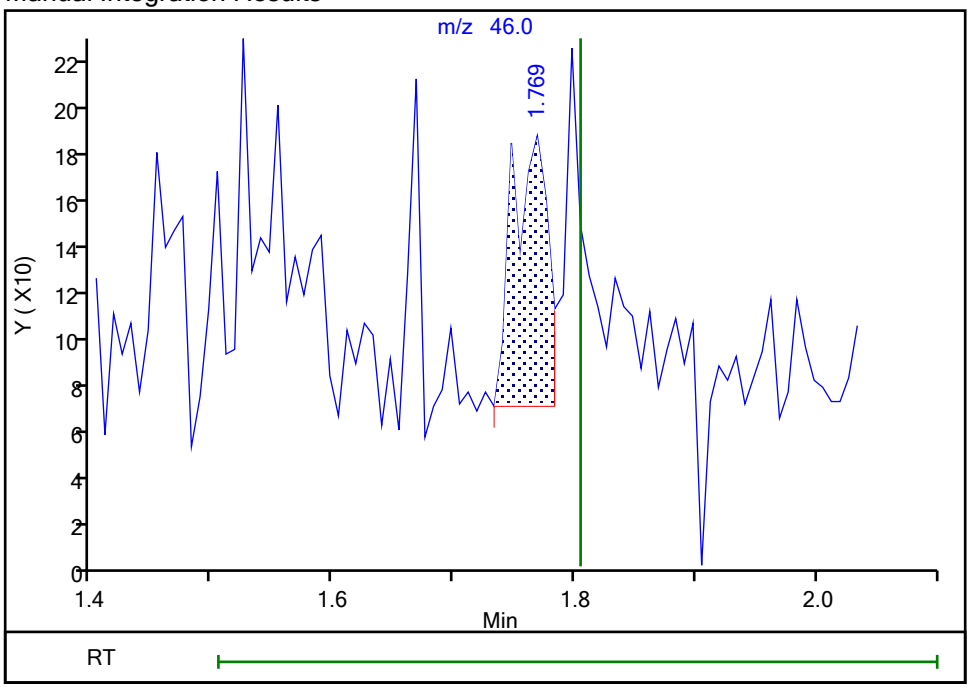
Processing Integration Results

RT: 1.67
Area: 147
Amount: 13.888850
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 233
Amount: 23.127862
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:36:41 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

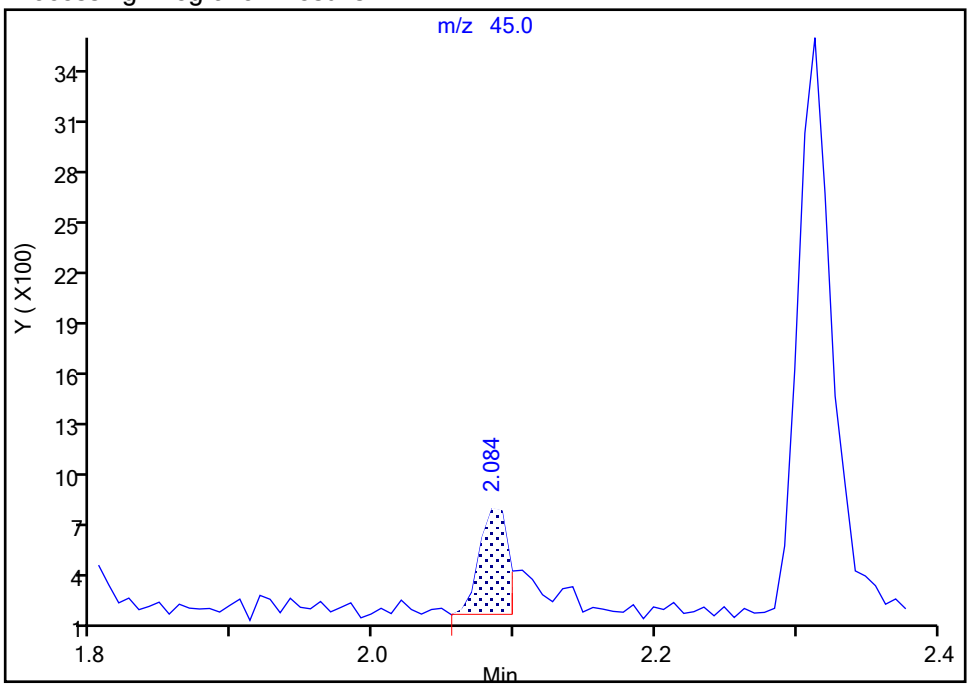
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

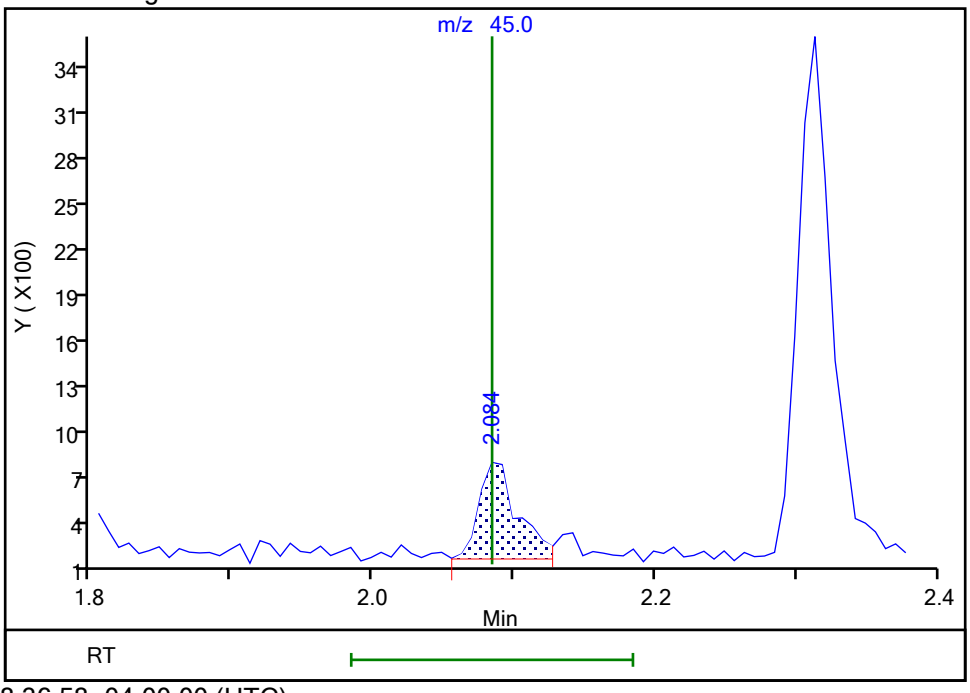
Processing Integration Results

RT: 2.08
Area: 907
Amount: 9.721186
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 1194
Amount: 12.756598
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:36:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

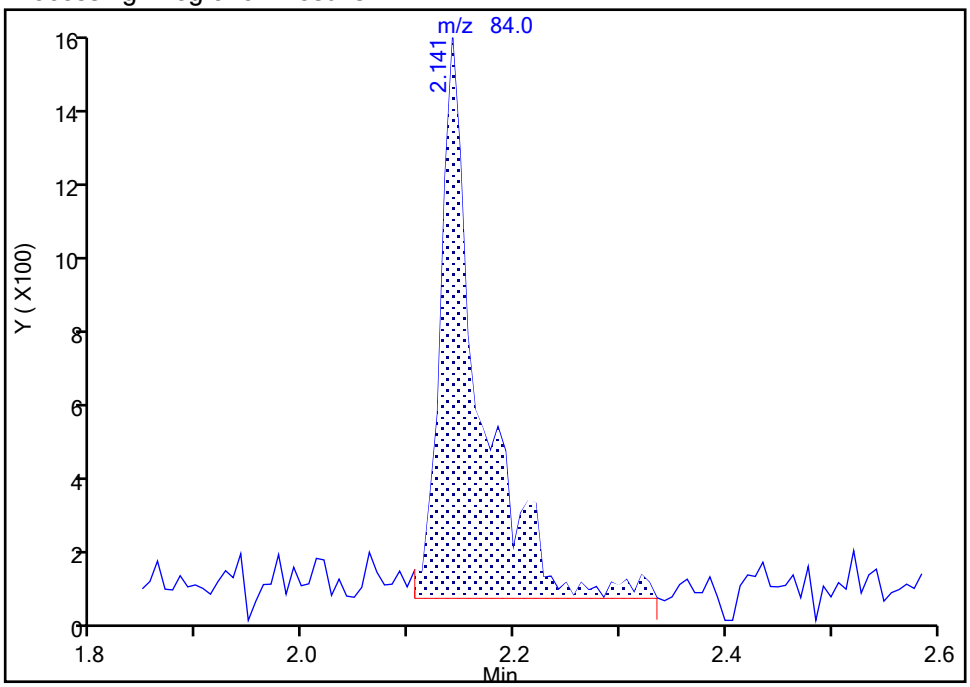
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

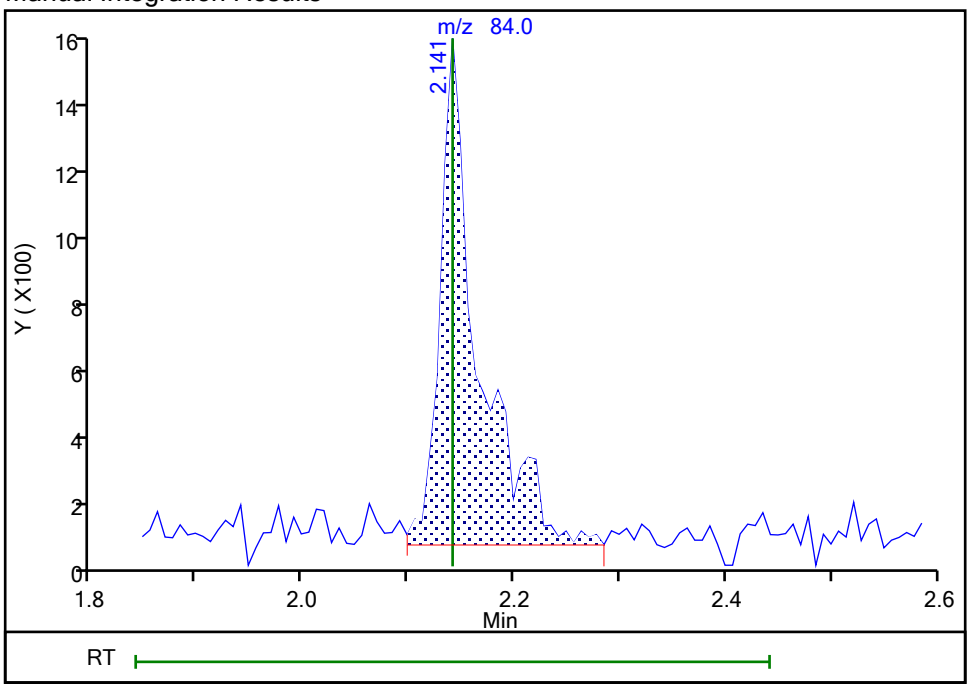
Processing Integration Results

RT: 2.14
Area: 3757
Amount: 1.102793
Amount Units: ug/l



Manual Integration Results

RT: 2.14
Area: 3681
Amount: 1.183759
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:37:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

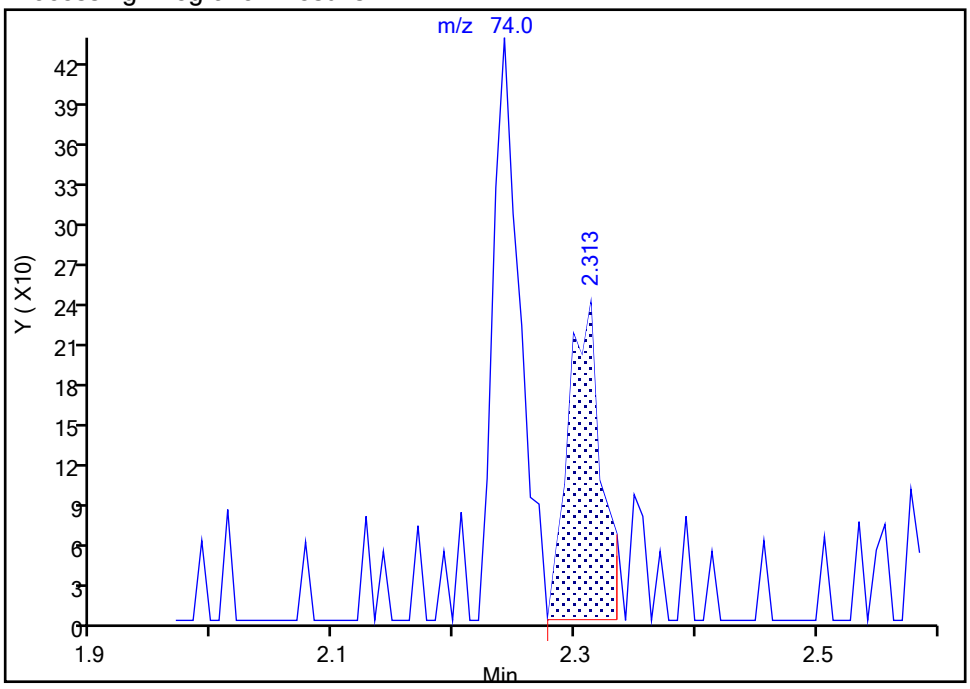
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 Methyl acetate, CAS: 79-20-9

Signal: 1

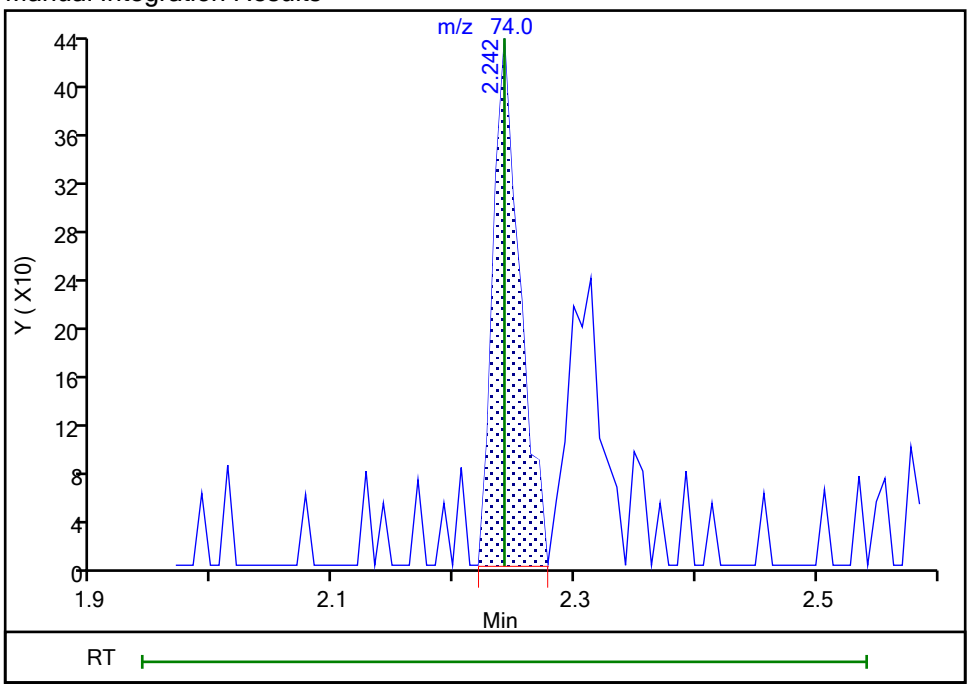
Processing Integration Results

RT: 2.31
Area: 451
Amount: 1.924520
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 667
Amount: 2.638275
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:37:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

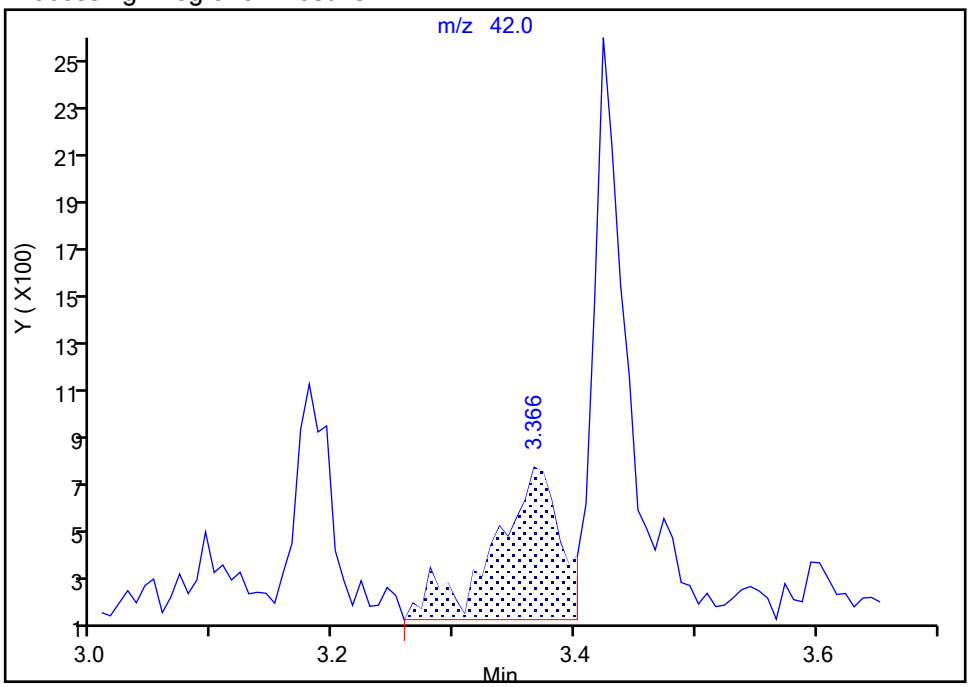
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

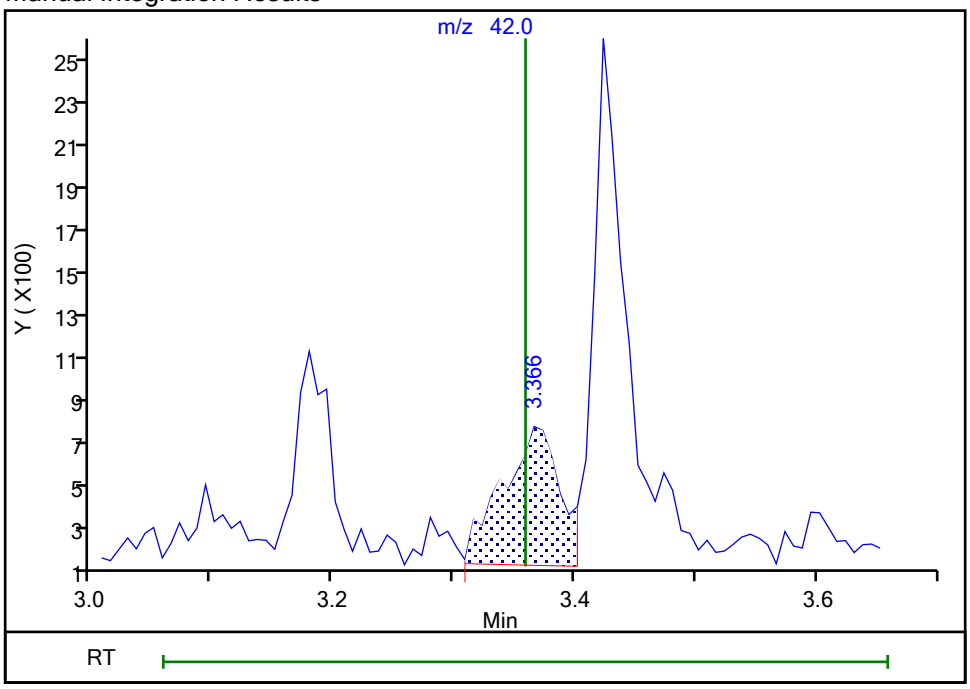
Processing Integration Results

RT: 3.37
Area: 2428
Amount: 3.188636
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 2133
Amount: 2.794631
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:38:08 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

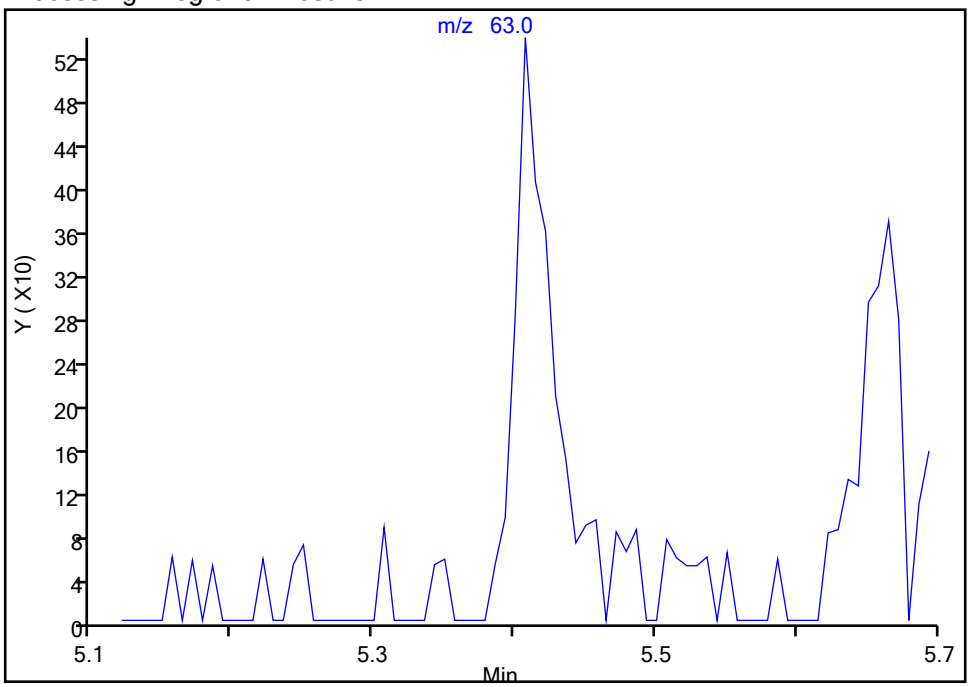
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

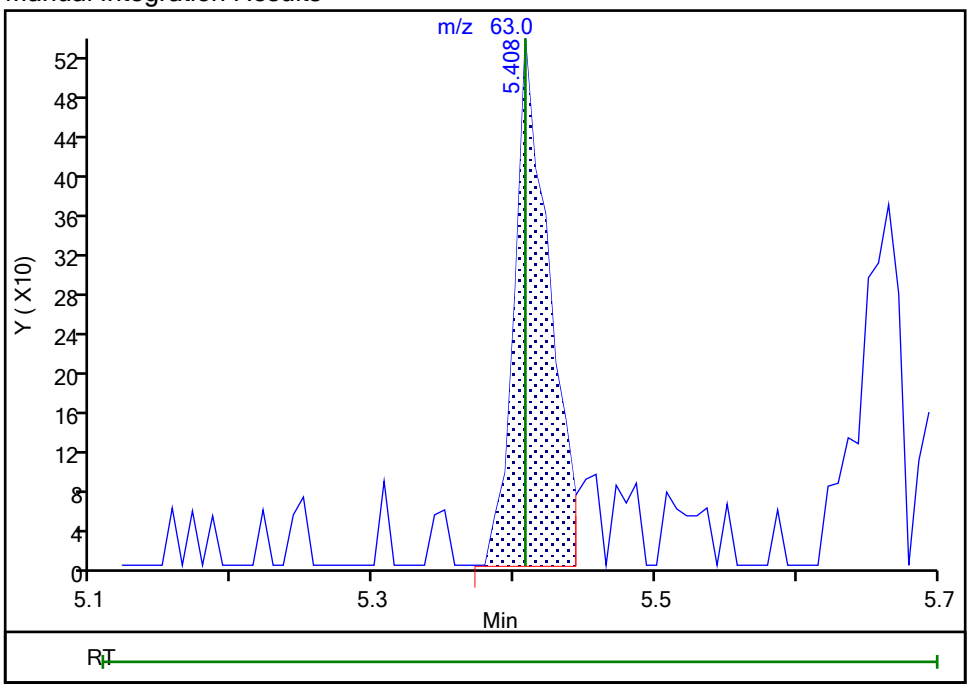
Not Detected
Expected RT: 5.41

Processing Integration Results



Manual Integration Results

RT: 5.41
Area: 919
Amount: 1.016839
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:38:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

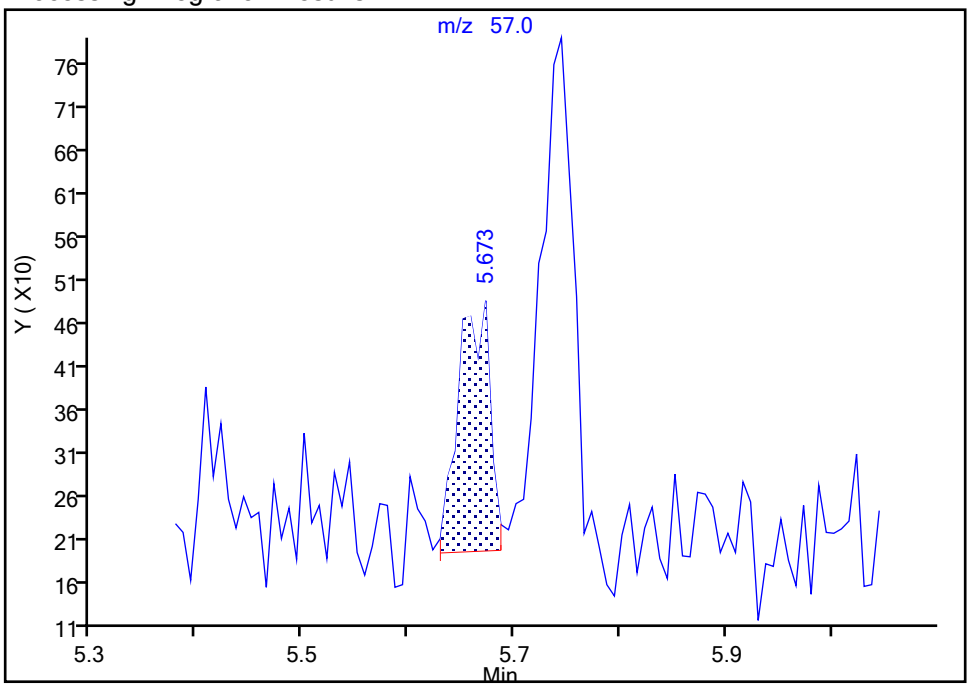
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

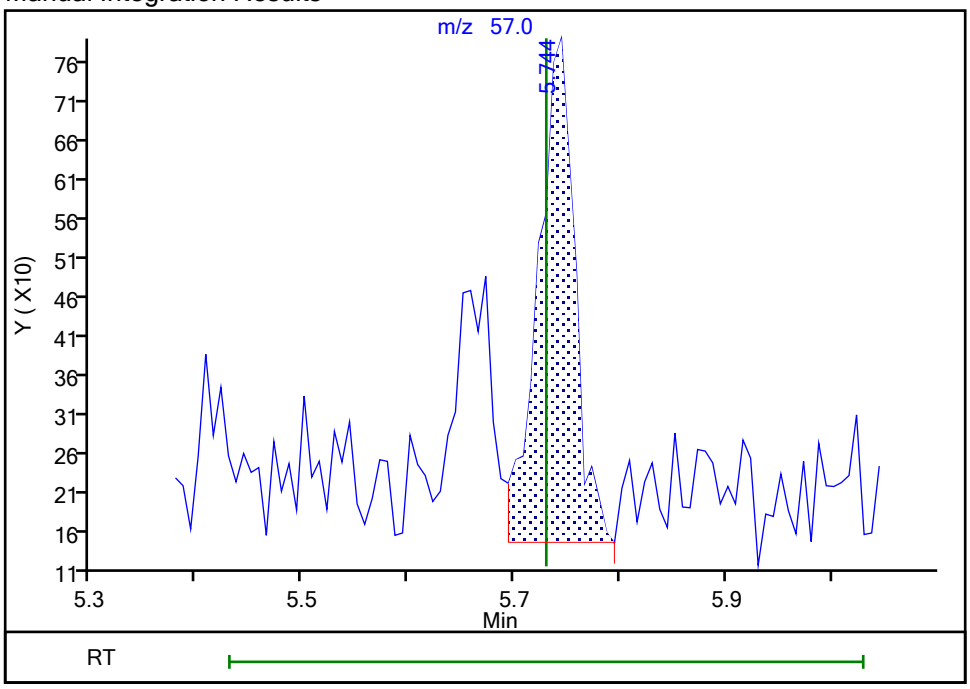
Processing Integration Results

RT: 5.67
Area: 601
Amount: 7.934209
Amount Units: ug/l



Manual Integration Results

RT: 5.74
Area: 1557
Amount: 16.502720
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:38:43 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

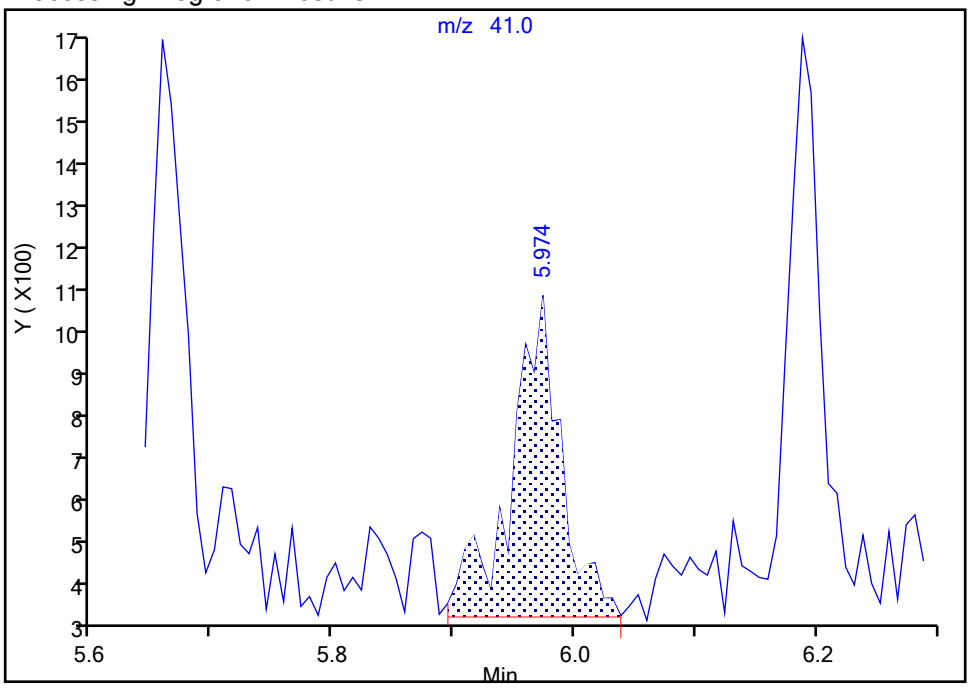
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

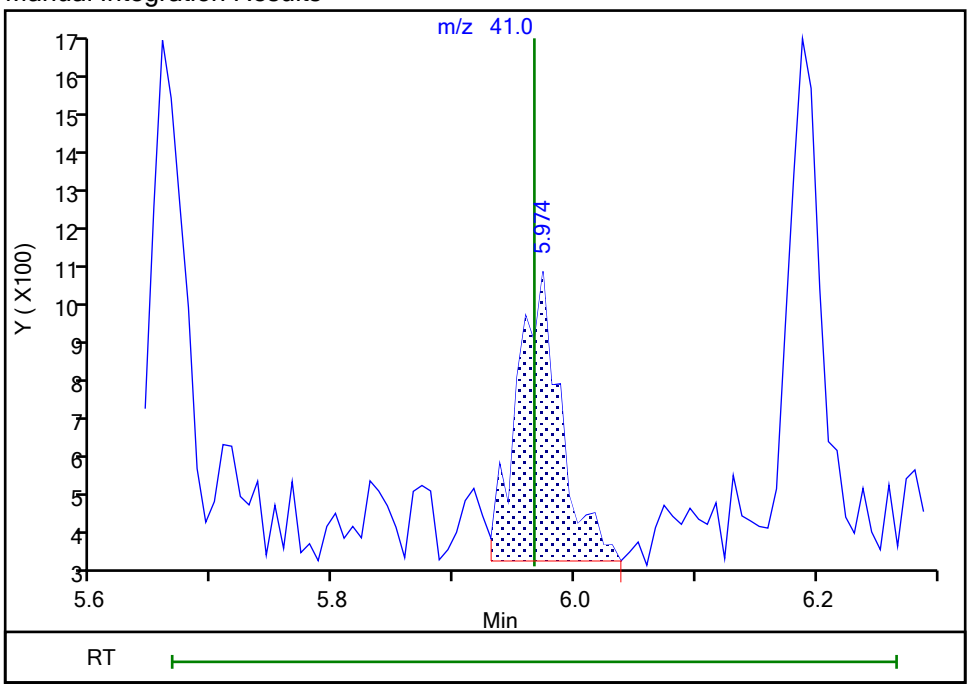
Processing Integration Results

RT: 5.97
Area: 1947
Amount: 2.896248
Amount Units: ug/l



Manual Integration Results

RT: 5.97
Area: 1738
Amount: 2.016013
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:38:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

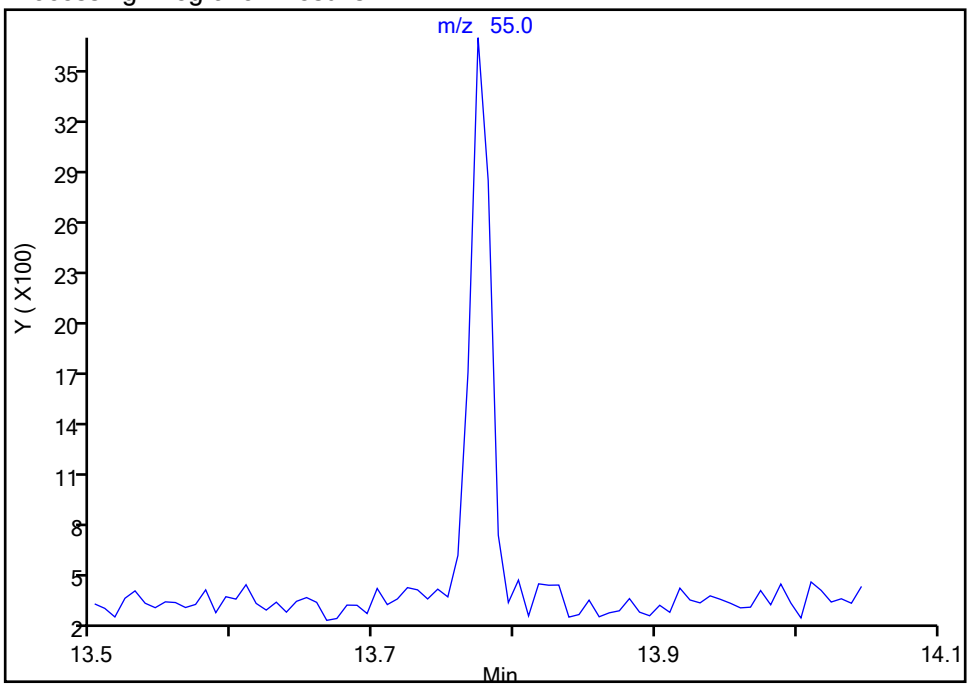
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

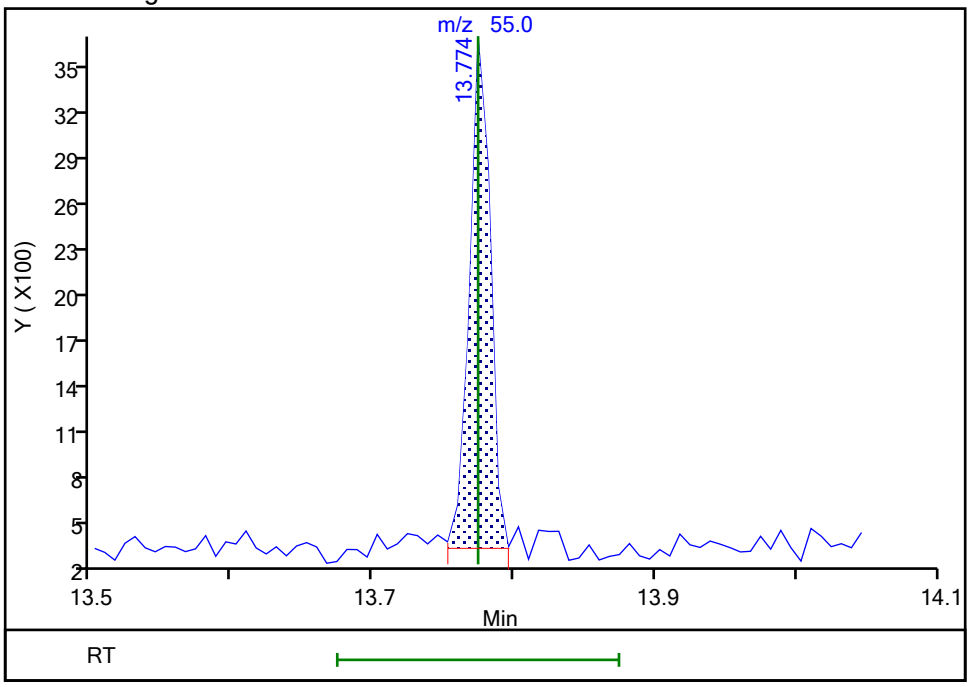
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 3369
Amount: 1.000072
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 07:06:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

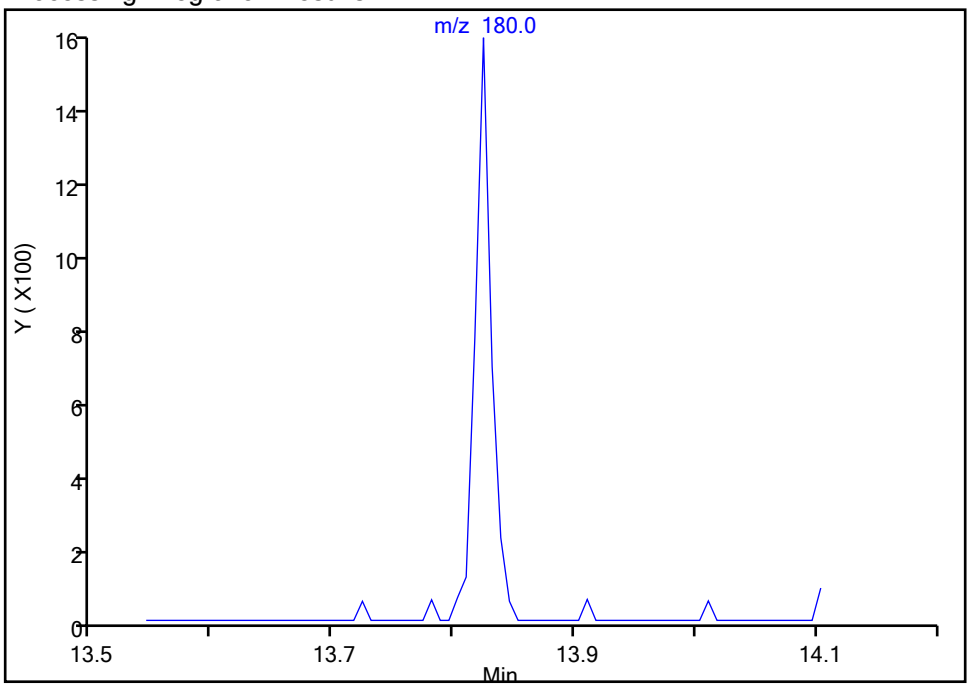
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

137 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

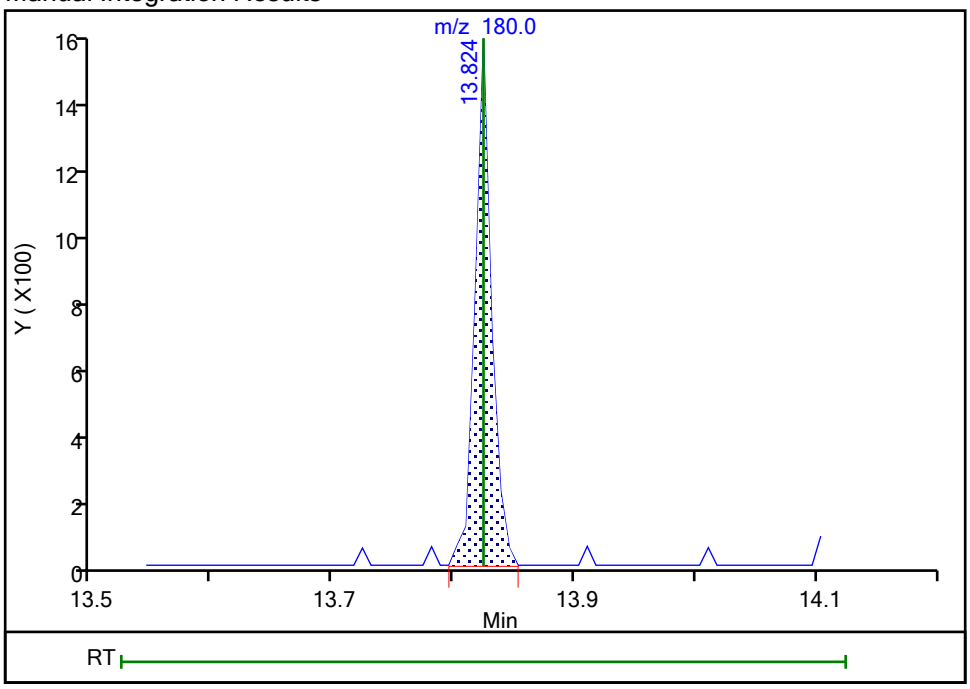
Not Detected
Expected RT: 13.82

Processing Integration Results



Manual Integration Results

RT: 13.82
Area: 1506
Amount: 1.137119
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 07:06:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

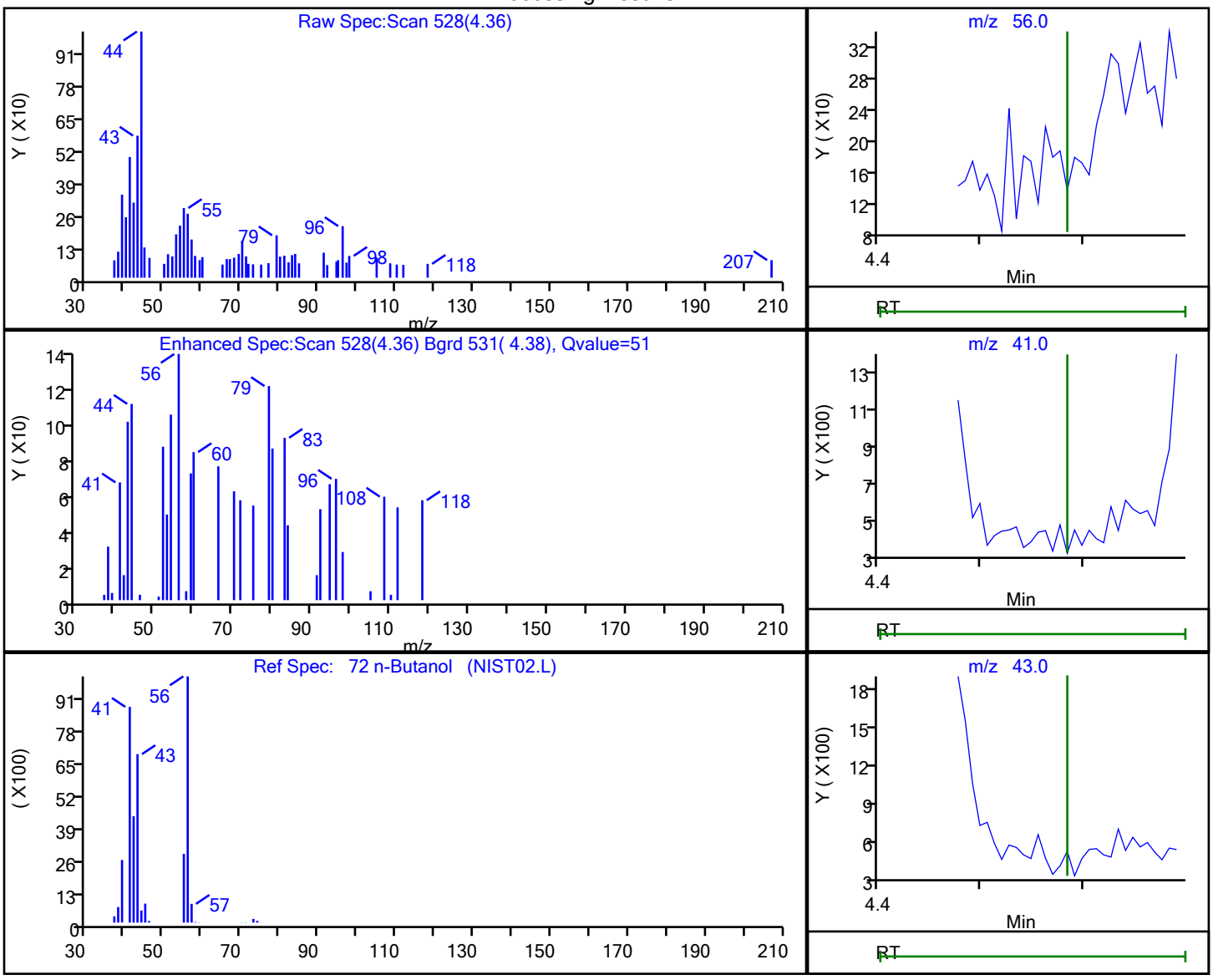
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198035.D
Injection Date: 23-Sep-2023 04:00:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.36	56.00	97	4.651344
4.35	41.00	368	
4.35	43.00	223	

Reviewer: W9CM, 24-Sep-2023 08:38:24 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198037.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 23-Sep-2023 04:52:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0166364-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:30:27 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 14:38:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.995	0.995	0.000	87	15631	20.0	21.2	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	98	90245	20.0	18.6	
168 Chlorodifluoromethane	51	1.053	1.053	0.000	96	162895	20.0	19.8	
7 Vinyl chloride	62	1.160	1.160	0.000	70	98781	20.0	18.6	
6 Chloromethane	50	1.160	1.160	0.000	97	143128	20.0	18.5	
175 Butadiene	54	1.160	1.160	0.000	95	101812	20.0	19.8	
9 Bromomethane	94	1.346	1.346	0.000	99	31631	20.0	19.7	
10 Chloroethane	64	1.418	1.418	0.000	100	62206	20.0	19.0	
11 Pentane	72	1.489	1.489	0.000	97	26806	40.0	43.5	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	58	103494	20.0	18.0	
177 Dichlorofluoromethane	67	1.532	1.532	0.000	98	133758	20.0	18.9	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	95	108868	20.0	19.7	
15 Ethyl ether	59	1.661	1.661	0.000	93	49226	20.0	19.1	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.776	0.000	97	28023	20.0	19.1	
17 1,1-Dichloroethene	96	1.783	1.783	0.000	94	58591	20.0	19.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.812	1.812	0.000	87	59773	20.0	19.7	
16 Ethanol	46	1.805	1.805	0.000	37	11231	800.0	900.4	a
19 Carbon disulfide	76	1.805	1.805	0.000	100	230025	20.0	20.6	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.812	0.000	96	98801	20.0	19.6	
22 Iodomethane	142	1.876	1.876	0.000	100	47531	20.0	15.5	
169 Cyclopentene	67	1.962	1.962	0.000	96	153876	20.0	20.0	
24 Acrolein	56	1.977	1.977	0.000	95	11948	40.0	38.9	
164 3-Chloro-1-propene	76	2.070	2.070	0.000	28	40868	20.0	19.5	
26 Isopropyl alcohol	45	2.084	2.084	0.000	97	23176	200.0	200.0	
27 Methylene Chloride	84	2.141	2.141	0.000	99	69313	20.0	19.0	
28 Acetone	43	2.156	2.156	0.000	85	58303	100.0	94.0	
29 trans-1,2-Dichloroethene	96	2.234	2.234	0.000	98	68636	20.0	20.1	
30 Methyl acetate	74	2.242	2.242	0.000	100	11842	40.0	37.8	
31 Hexane	86	2.292	2.292	0.000	93	14804	20.0	19.7	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	86	152990	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	100	135741	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.363	2.363	0.000	98	24916	200.0	178.0	
35 Acetonitrile	41	2.464	2.464	0.000	100	50065	200.0	195.3	
36 Isopropyl ether	45	2.564	2.564	0.000	97	250582	20.0	19.4	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	94	62668	20.0	19.3	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	99	141877	20.0	19.6	
39 Acrylonitrile	53	2.664	2.664	0.000	94	162314	200.0	181.6	
41 Vinyl acetate	43	2.815	2.815	0.000	93	153301	40.0	38.5	
40 Tert-butyl ethyl ether	59	2.815	2.815	0.000	83	199707	20.0	18.9	
42 cis-1,2-Dichloroethene	96	3.022	3.022	0.000	92	71990	20.0	19.3	
43 2,2-Dichloropropane	97	3.108	3.101	0.007	96	19216	20.0	18.7	
45 Chlorobromomethane	128	3.173	3.173	0.000	97	27546	20.0	18.6	
44 Cyclohexane	56	3.180	3.180	0.000	96	127688	20.0	20.5	
46 Chloroform	83	3.237	3.237	0.000	97	119097	20.0	19.1	
48 Ethyl acetate	70	3.338	3.338	0.000	99	8175	40.0	37.9	
49 Methyl acrylate	55	3.338	3.338	0.000	98	36175	20.0	17.8	
47 Carbon tetrachloride	117	3.345	3.345	0.000	97	86923	20.0	19.2	
50 Tetrahydrofuran	42	3.359	3.359	0.000	88	33080	40.0	37.2	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.373	0.000	96	133293	50.0	49.6	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	97	103524	20.0	18.8	
* 53 2-Butanone-d5	46	3.423	3.423	0.000	99	223259	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.466	0.000	98	23217	100.0	91.8	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	93	32236	20.0	19.3	
56 Isooctane	57	3.595	3.595	0.000	98	156025	20.0	19.9	
57 n-Heptane	57	3.689	3.689	0.000	82	38972	20.0	21.4	
58 Benzene	78	3.696	3.696	0.000	98	291974	20.0	20.0	
59 Propionitrile	54	3.703	3.703	0.000	95	51694	200.0	195.6	
60 Methacrylonitrile	67	3.717	3.717	0.000	95	164191	200.0	183.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	153979	50.0	47.3	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	97	158326	20.0	18.7	
63 1,2-Dichloroethane	62	3.860	3.860	0.000	97	83522	20.0	18.4	
64 Isobutyl alcohol	43	3.918	3.918	0.000	97	37318	500.0	497.1	
* 66 Fluorobenzene	96	4.054	4.054	0.000	98	748597	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	97	89647	20.0	19.4	
68 Methylcyclohexane	83	4.204	4.204	0.000	93	102471	20.0	20.3	
69 Trichloroethene	130	4.219	4.219	0.000	96	72366	20.0	19.4	
72 n-Butanol	56	4.584	4.584	0.000	90	20691	500.0	519.8	
71 Dibromomethane	93	4.605	4.605	0.000	95	31231	20.0	18.4	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	87	75940	20.0	19.1	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	56471	20.0	19.0	
75 Dichlorobromomethane	83	4.784	4.784	0.000	97	87273	20.0	18.8	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	71	19405	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.971	0.000	94	21560	40.0	38.7	
78 1,4-Dioxane	88	4.992	4.992	0.000	97	7527	400.0	394.6	
79 n-Propyl acetate	43	5.135	5.135	0.000	99	60301	20.0	19.4	
80 2-Chloroethyl vinyl ether	63	5.415	5.415	0.000	96	19263	20.0	18.1	
81 cis-1,3-Dichloropropene	75	5.451	5.451	0.000	98	113362	20.0	19.4	
$ 82 Toluene-d8 (Surr)	98	5.658	5.658	0.000	98	618210	50.0	52.3	
83 Toluene	91	5.723	5.723	0.000	93	305204	20.0	19.8	
84 Epichlorohydrin	57	5.730	5.730	0.000	99	35824	400.0	324.4	
85 2-Nitropropane	41	5.966	5.966	0.000	96	22791	40.0	36.1	
86 Tetrachloroethene	166	6.167	6.167	0.000	94	63936	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.188	0.000	99	202300	100.0	99.3	
88 trans-1,3-Dichloropropene	75	6.224	6.224	0.000	97	92001	20.0	18.8	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	93	37696	20.0	18.6	
90 Ethyl methacrylate	69	6.482	6.482	0.000	92	60286	20.0	19.6	
91 Chlorodibromomethane	129	6.625	6.625	0.000	96	50050	20.0	18.5	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	97	84786	20.0	19.1	
93 Ethylene Dibromide	107	6.883	6.883	0.000	97	41632	20.0	18.9	
94 n-Butyl acetate	43	7.198	7.198	0.000	98	69926	20.0	19.1	
95 2-Hexanone	43	7.270	7.270	0.000	98	137164	100.0	97.8	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	544968	50.0	50.0	
97 Chlorobenzene	112	7.607	7.607	0.000	93	181496	20.0	19.6	
98 Ethylbenzene	106	7.693	7.693	0.000	99	100348	20.0	19.5	
99 1,1,1,2-Tetrachloroethane	131	7.721	7.721	0.000	93	59325	20.0	19.4	
100 m-Xylene & p-Xylene	106	7.908	7.908	0.000	0	124885	20.0	19.9	
101 o-Xylene	106	8.509	8.509	0.000	92	119119	20.0	19.4	
102 Bromoform	173	8.581	8.581	0.000	93	27191	20.0	18.1	
103 Styrene	104	8.595	8.595	0.000	92	195489	20.0	19.3	
104 n-Butyl acrylate	73	8.903	8.903	0.000	95	33557	20.0	18.0	
105 Isopropylbenzene	105	9.003	9.003	0.000	97	307349	20.0	19.6	
106 Amyl acetate (mixed isomers)	43	9.319	9.319	0.000	88	88744	20.0	19.2	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	84	179620	50.0	49.9	
108 Bromobenzene	156	9.498	9.498	0.000	93	66404	20.0	19.0	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	378991	20.0	20.2	
110 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	40829	20.0	18.6	
111 2-Chlorotoluene	91	9.827	9.827	0.000	97	256645	20.0	19.8	
172 4-Ethyltoluene	105	9.834	9.834	0.000	98	303797	20.0	19.7	
113 1,2,3-Trichloropropane	110	9.928	9.928	0.000	97	12375	20.0	18.5	
114 1,3,5-Trimethylbenzene	105	9.992	9.992	0.000	92	254702	20.0	19.9	
115 trans-1,4-Dichloro-2-butene	53	10.042	10.042	0.000	88	17492	20.0	19.3	
116 4-Chlorotoluene	91	10.099	10.099	0.000	99	230951	20.0	19.8	
117 tert-Butylbenzene	119	10.472	10.472	0.000	92	209511	20.0	20.0	
119 Butyl Methacrylate	87	10.579	10.579	0.000	98	74409	20.0	18.9	
118 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	99	266788	20.0	20.2	
120 sec-Butylbenzene	105	10.773	10.773	0.000	98	299161	20.0	20.2	
121 1,3-Dichlorobenzene	146	11.038	11.038	0.000	93	128039	20.0	19.6	
122 4-Isopropyltoluene	119	11.045	11.045	0.000	97	254880	20.0	20.0	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	266228	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.188	11.188	0.000	95	128256	20.0	19.4	
125 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	100	262511	20.0	19.8	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	230104	20.0	19.5	
127 Benzyl chloride	126	11.582	11.582	0.000	97	17435	20.0	18.9	
167 p-Diethylbenzene	119	11.596	11.596	0.000	92	148308	20.0	19.9	
129 n-Butylbenzene	91	11.661	11.661	0.000	98	229219	20.0	20.1	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	93	109676	20.0	19.4	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	97	217793	20.0	20.0	
132 1,2-Dibromo-3-Chloropropane	157	12.714	12.714	0.000	91	6035	20.0	18.1	
133 1,3,5-Trichlorobenzene	180	12.757	12.757	0.000	95	77830	20.0	19.7	
134 1,2,4-Trichlorobenzene	180	13.387	13.387	0.000	94	51858	20.0	19.3	
135 Hexachlorobutadiene	225	13.402	13.402	0.000	91	23237	20.0	19.7	
136 Naphthalene	128	13.674	13.674	0.000	99	73899	20.0	17.4	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	96	81357	20.0	21.1	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	95	28140	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	39.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00159	Amount Added:	4.00	Units: uL	
GASES Li_00549	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00176	Amount Added:	20.00	Units: uL	
524FREONS_00008	Amount Added:	20.00	Units: uL	
EthyhexAcr_Li_00004	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:30:29 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198037.D

Injection Date: 23-Sep-2023 04:52:30 Instrument ID: CVOAMS13 Operator ID:

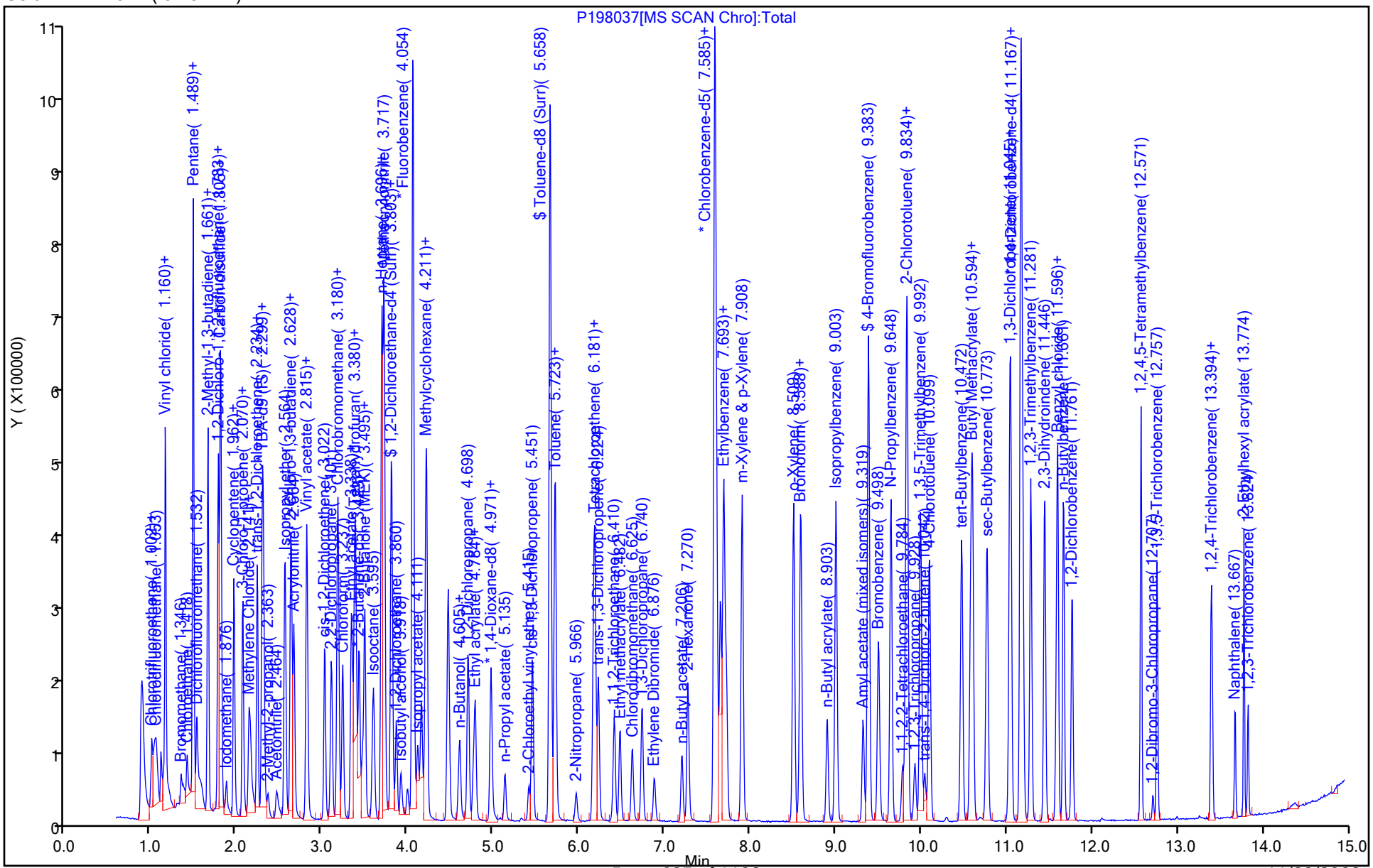
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

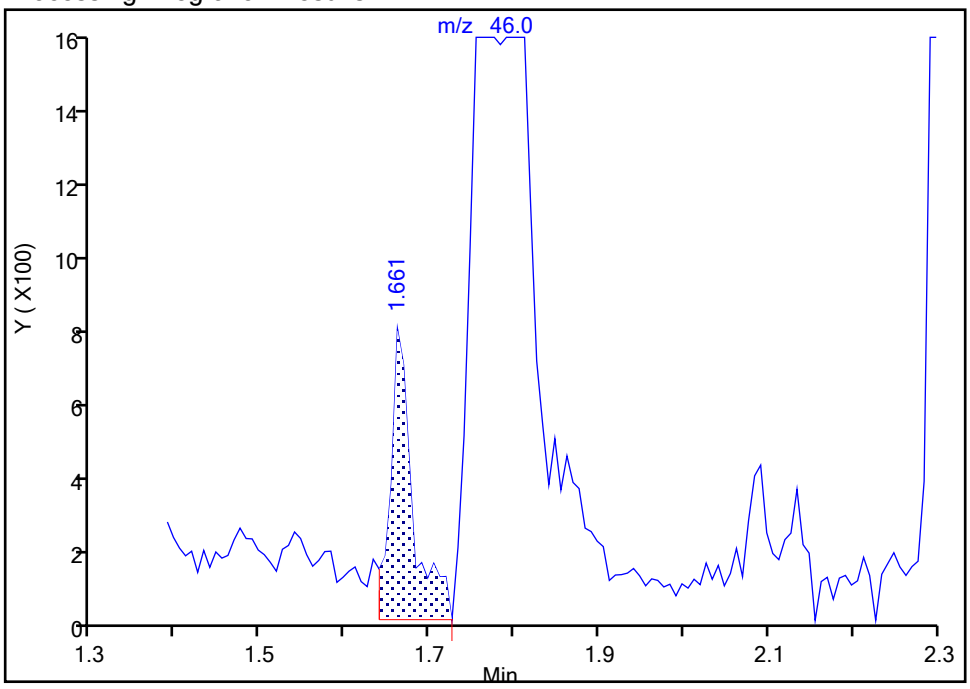
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198037.D
Injection Date: 23-Sep-2023 04:52:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

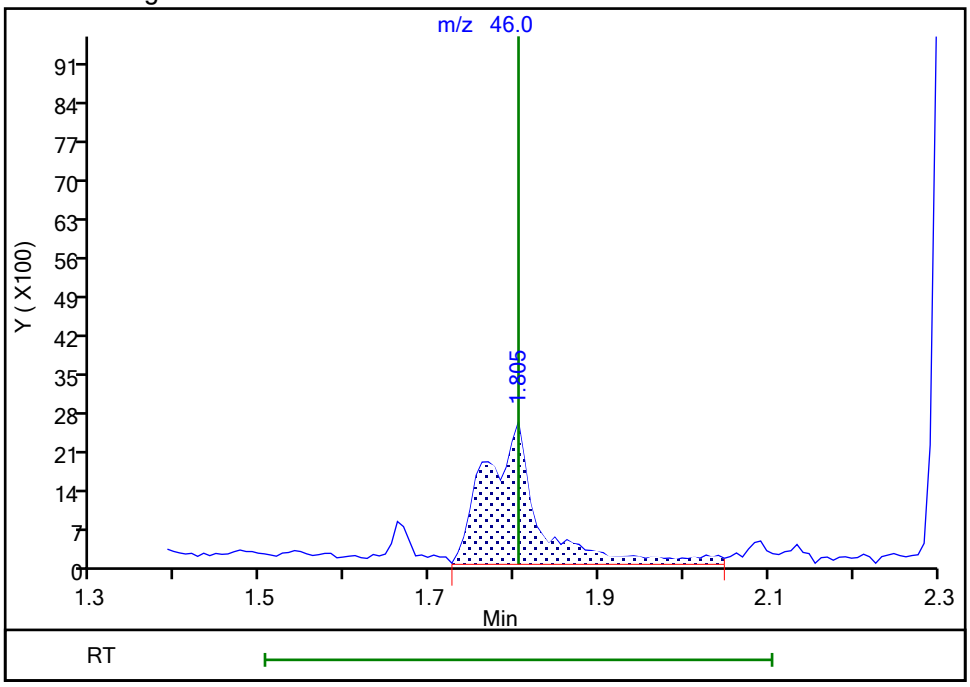
Processing Integration Results

RT: 1.66
Area: 1395
Amount: 204.3291
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 11231
Amount: 900.3932
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:37:58 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

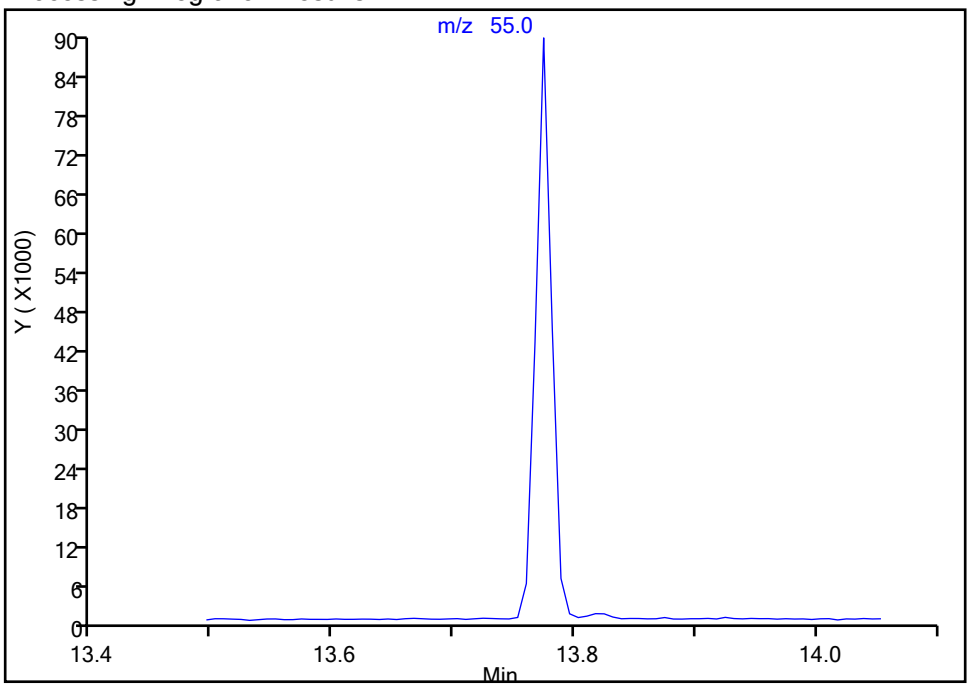
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198037.D
Injection Date: 23-Sep-2023 04:52:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

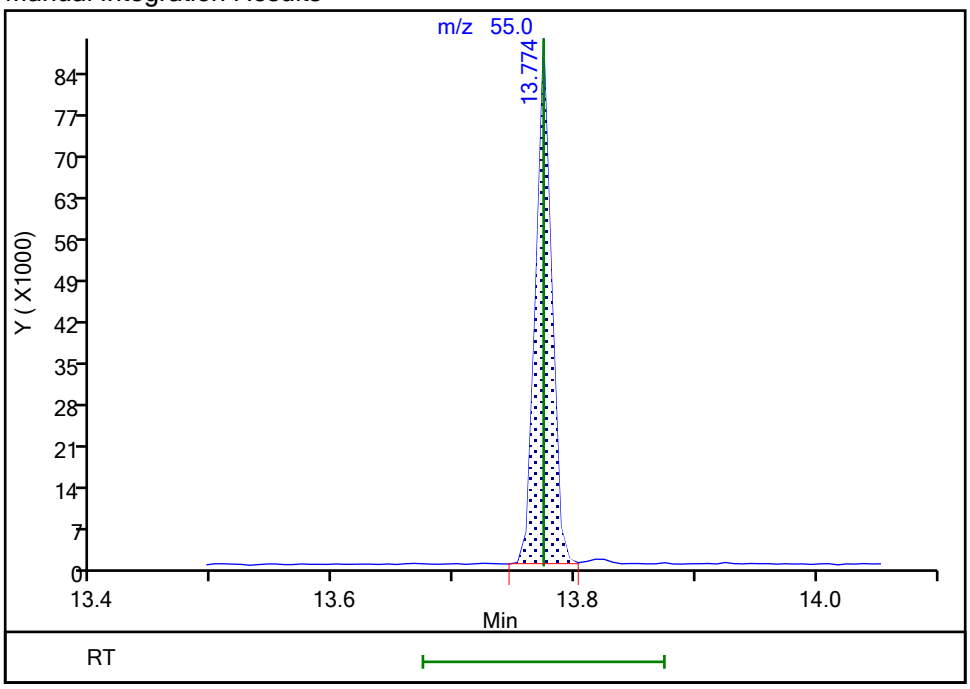
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 81357
Amount: 21.139757
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:43:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198038.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Sep-2023 05:18:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0166364-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:30:47 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 14:38:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.995	0.995	0.000	87	39907	50.0	54.5	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	99	241117	50.0	50.1	
168 Chlorodifluoromethane	51	1.053	1.053	0.000	96	407587	50.0	50.0	
7 Vinyl chloride	62	1.160	1.160	0.000	95	258587	50.0	48.9	
6 Chloromethane	50	1.160	1.160	0.000	98	377988	50.0	49.2	
175 Butadiene	54	1.167	1.167	0.000	96	253170	50.0	49.7	
9 Bromomethane	94	1.346	1.346	0.000	99	90220	50.0	53.2	
10 Chloroethane	64	1.411	1.411	0.000	99	162887	50.0	50.1	
11 Pentane	72	1.482	1.482	0.000	97	71962	100.0	110.6	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	98	283203	50.0	49.7	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	99	347315	50.0	49.5	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	96	284592	50.0	51.8	
15 Ethyl ether	59	1.669	1.669	0.000	93	130017	50.0	51.8	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.776	0.000	97	70230	50.0	48.1	
17 1,1-Dichloroethene	96	1.783	1.783	0.000	94	156554	50.0	52.1	
16 Ethanol	46	1.805	1.805	0.000	31	27086	2000.0	2055.0	a
19 Carbon disulfide	76	1.805	1.805	0.000	100	606687	50.0	54.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.805	0.000	94	160115	50.0	53.0	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.812	0.000	96	244787	50.0	48.9	
22 Iodomethane	142	1.876	1.876	0.000	99	149503	50.0	48.4	
169 Cyclopentene	67	1.962	1.962	0.000	97	405825	50.0	53.0	
24 Acrolein	56	1.977	1.977	0.000	95	31830	100.0	98.1	
164 3-Chloro-1-propene	76	2.070	2.070	0.000	28	107403	50.0	51.5	
26 Isopropyl alcohol	45	2.084	2.084	0.000	97	59939	500.0	489.5	
27 Methylene Chloride	84	2.141	2.141	0.000	99	178122	50.0	49.1	
28 Acetone	43	2.156	2.156	0.000	85	150719	250.0	236.4	
29 trans-1,2-Dichloroethene	96	2.234	2.234	0.000	99	177408	50.0	52.2	
30 Methyl acetate	74	2.242	2.242	0.000	99	31609	100.0	95.6	
31 Hexane	86	2.292	2.292	0.000	93	37641	50.0	50.5	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	94	397068	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	99	143439	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.363	2.363	0.000	99	68098	500.0	460.4	
35 Acetonitrile	41	2.464	2.464	0.000	98	130310	500.0	481.1	
36 Isopropyl ether	45	2.557	2.557	0.000	96	645311	50.0	50.3	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	95	164054	50.0	50.8	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	100	365373	50.0	50.7	
39 Acrylonitrile	53	2.664	2.664	0.000	93	394507	500.0	444.3	
41 Vinyl acetate	43	2.815	2.815	0.000	85	361813	100.0	91.5	
40 Tert-butyl ethyl ether	59	2.815	2.815	0.000	84	519279	50.0	49.4	
42 cis-1,2-Dichloroethene	96	3.022	3.022	0.000	92	185577	50.0	50.1	
43 2,2-Dichloropropane	97	3.101	3.101	0.000	96	50389	50.0	49.4	
45 Chlorobromomethane	128	3.173	3.173	0.000	97	73551	50.0	50.0	
44 Cyclohexane	56	3.180	3.180	0.000	95	337857	50.0	54.6	
46 Chloroform	83	3.237	3.237	0.000	97	312766	50.0	50.4	
48 Ethyl acetate	70	3.330	3.330	0.000	98	22744	100.0	104.7	
49 Methyl acrylate	55	3.338	3.338	0.000	98	94915	50.0	47.0	
47 Carbon tetrachloride	117	3.345	3.345	0.000	97	229527	50.0	51.0	
50 Tetrahydrofuran	42	3.359	3.359	0.000	92	85314	100.0	93.4	
$ 51 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	96	131496	50.0	49.2	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	96	277468	50.0	50.6	
* 53 2-Butanone-d5	46	3.431	3.431	0.000	100	229542	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.466	0.000	99	61057	250.0	234.8	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	93	84514	50.0	50.8	
56 Isooctane	57	3.595	3.595	0.000	98	414645	50.0	53.3	
57 n-Heptane	57	3.689	3.689	0.000	83	101324	50.0	55.9	
58 Benzene	78	3.696	3.696	0.000	98	752739	50.0	51.2	
59 Propionitrile	54	3.703	3.703	0.000	95	136295	500.0	487.9	
60 Methacrylonitrile	67	3.717	3.717	0.000	95	439724	500.0	494.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	155556	50.0	48.1	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	97	413345	50.0	49.3	
63 1,2-Dichloroethane	62	3.860	3.860	0.000	97	218384	50.0	48.4	
64 Isobutyl alcohol	43	3.918	3.918	0.000	97	98812	1250.0	1245.5	
* 66 Fluorobenzene	96	4.054	4.054	0.000	98	743631	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	97	229732	50.0	50.1	
68 Methylcyclohexane	83	4.211	4.211	0.000	92	270124	50.0	53.8	
69 Trichloroethene	130	4.219	4.219	0.000	97	187116	50.0	50.4	
72 n-Butanol	56	4.584	4.584	0.000	92	54222	1250.0	1289.1	
71 Dibromomethane	93	4.605	4.605	0.000	94	82391	50.0	48.9	
73 1,2-Dichloropropane	63	4.699	4.699	0.000	87	198016	50.0	50.2	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	143798	50.0	48.8	
75 Dichlorobromomethane	83	4.784	4.784	0.000	98	229262	50.0	49.8	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	70	19141	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.971	0.000	93	54268	100.0	97.9	
78 1,4-Dioxane	88	4.992	4.992	0.000	97	18352	1000.0	975.4	
79 n-Propyl acetate	43	5.128	5.128	0.000	99	159041	50.0	51.6	
80 2-Chloroethyl vinyl ether	63	5.408	5.408	0.000	96	52986	50.1	50.2	
81 cis-1,3-Dichloropropene	75	5.458	5.458	0.000	98	297507	50.0	50.5	
$ 82 Toluene-d8 (Surr)	98	5.658	5.658	0.000	98	597614	50.0	50.2	
83 Toluene	91	5.716	5.716	0.000	92	780586	50.0	50.2	
84 Epichlorohydrin	57	5.730	5.730	0.000	99	106708	1000.0	929.8	
85 2-Nitropropane	41	5.966	5.966	0.000	97	58802	100.0	95.8	
86 Tetrachloroethene	166	6.167	6.167	0.000	94	167228	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.181	6.181	0.000	99	524482	250.0	250.3	
88 trans-1,3-Dichloropropene	75	6.224	6.224	0.000	97	244895	50.0	49.8	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	94	99072	50.0	48.6	
90 Ethyl methacrylate	69	6.475	6.475	0.000	92	158591	50.0	51.8	
91 Chlorodibromomethane	129	6.625	6.625	0.000	97	133122	50.0	48.9	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	97	218036	50.0	48.9	
93 Ethylene Dibromide	107	6.876	6.876	0.000	98	107073	50.0	48.3	
94 n-Butyl acetate	43	7.198	7.198	0.000	98	184474	50.0	50.1	
95 2-Hexanone	43	7.270	7.270	0.000	99	351730	250.0	244.0	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	548657	50.0	50.0	
97 Chlorobenzene	112	7.607	7.607	0.000	91	469112	50.0	50.3	
98 Ethylbenzene	106	7.693	7.693	0.000	99	262903	50.0	50.8	
99 1,1,1,2-Tetrachloroethane	131	7.721	7.721	0.000	94	154063	50.0	50.0	
100 m-Xylene & p-Xylene	106	7.908	7.908	0.000	0	321731	50.0	51.0	
101 o-Xylene	106	8.509	8.509	0.000	93	312812	50.0	50.5	
102 Bromoform	173	8.581	8.581	0.000	92	71725	50.0	47.4	
103 Styrene	104	8.595	8.595	0.000	92	511525	50.0	50.2	
104 n-Butyl acrylate	73	8.903	8.903	0.000	96	89447	50.0	47.5	
105 Isopropylbenzene	105	9.004	9.004	0.000	97	803431	50.0	50.8	
106 Amyl acetate (mixed isomers)	43	9.319	9.319	0.000	87	234683	50.0	49.6	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	85	180497	50.0	49.8	
108 Bromobenzene	156	9.505	9.505	0.000	95	178313	50.0	50.0	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	989072	50.0	51.7	
110 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	106660	50.0	47.6	
111 2-Chlorotoluene	91	9.827	9.827	0.000	97	669932	50.0	50.5	
172 4-Ethyltoluene	105	9.834	9.834	0.000	98	797369	50.0	50.7	
113 1,2,3-Trichloropropane	110	9.928	9.928	0.000	97	32518	50.0	47.6	
114 1,3,5-Trimethylbenzene	105	9.992	9.992	0.000	92	662793	50.0	50.6	
115 trans-1,4-Dichloro-2-butene	53	10.042	10.042	0.000	89	44737	50.0	49.3	
116 4-Chlorotoluene	91	10.099	10.099	0.000	99	606154	50.0	50.9	
117 tert-Butylbenzene	119	10.472	10.472	0.000	92	545547	50.0	50.9	
119 Butyl Methacrylate	87	10.579	10.579	0.000	98	202393	50.0	50.2	
118 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	694930	50.0	51.4	
120 sec-Butylbenzene	105	10.773	10.773	0.000	99	780443	50.0	51.5	
121 1,3-Dichlorobenzene	146	11.038	11.038	0.000	93	338068	50.0	50.6	
122 4-Isopropyltoluene	119	11.045	11.045	0.000	97	676085	50.0	51.8	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	272086	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.188	11.188	0.000	95	338570	50.0	50.2	
125 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	99	689943	50.0	50.9	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	609590	50.0	50.6	
127 Benzyl chloride	126	11.582	11.582	0.000	97	47897	50.0	50.9	
167 p-Diethylbenzene	119	11.597	11.597	0.000	93	391027	50.0	51.4	
129 n-Butylbenzene	91	11.668	11.668	0.000	98	601828	50.0	51.8	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	93	291287	50.0	50.4	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	97	575206	50.0	51.7	
132 1,2-Dibromo-3-Chloropropane	157	12.714	12.714	0.000	94	17553	50.0	51.6	
133 1,3,5-Trichlorobenzene	180	12.757	12.757	0.000	95	203812	50.0	50.5	
134 1,2,4-Trichlorobenzene	180	13.387	13.387	0.000	93	141277	50.0	51.5	
135 Hexachlorobutadiene	225	13.402	13.402	0.000	91	60896	50.0	50.5	
136 Naphthalene	128	13.667	13.667	0.000	99	214787	50.0	49.3	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	95	216196	50.0	55.0	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	95	79430	50.0	51.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		100.0	102.3	
S 140 Xylenes, Total	100				0		100.0	101.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00159	Amount Added:	10.00	Units: uL	
GASES Li_00549	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00176	Amount Added:	50.00	Units: uL	
524FREONS_00008	Amount Added:	50.00	Units: uL	
EthyhexAcr_Li_00004	Amount Added:	50.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:30:49 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198038.D

Injection Date: 23-Sep-2023 05:18:30 Instrument ID: CVOAMS13 Operator ID:

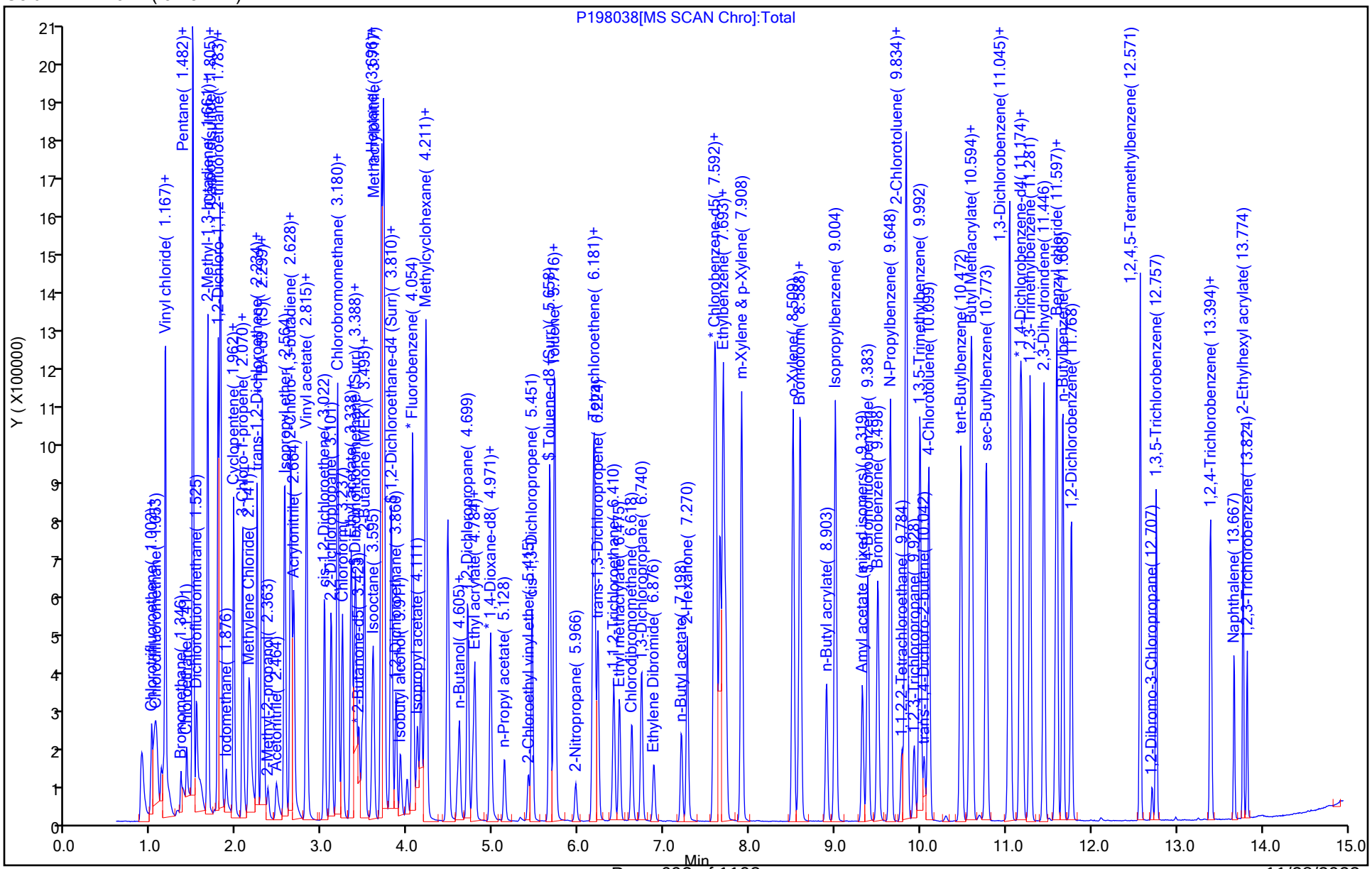
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

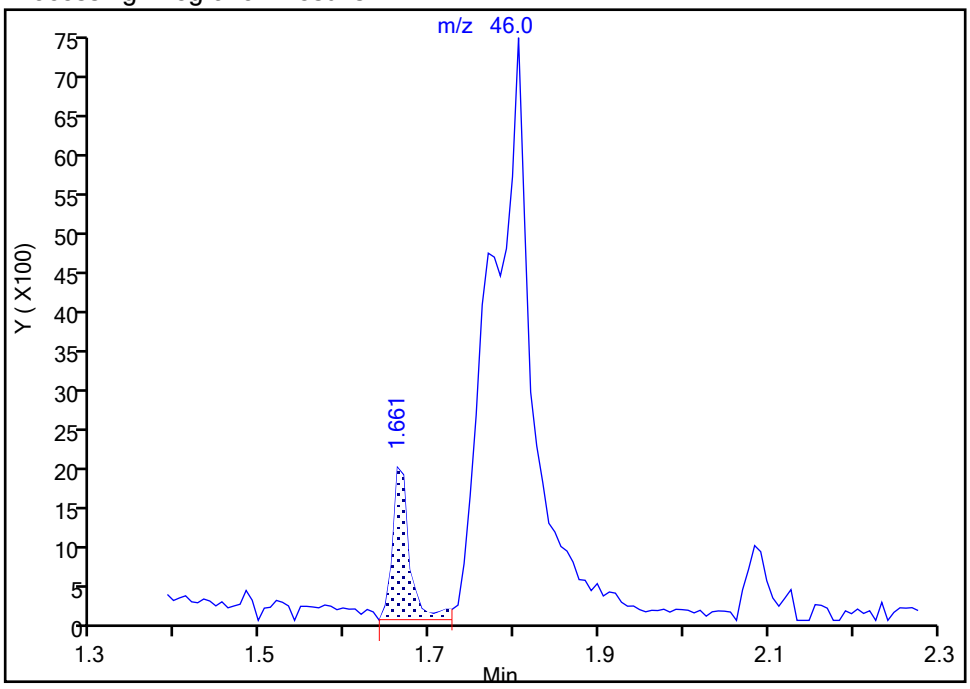
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198038.D
Injection Date: 23-Sep-2023 05:18:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

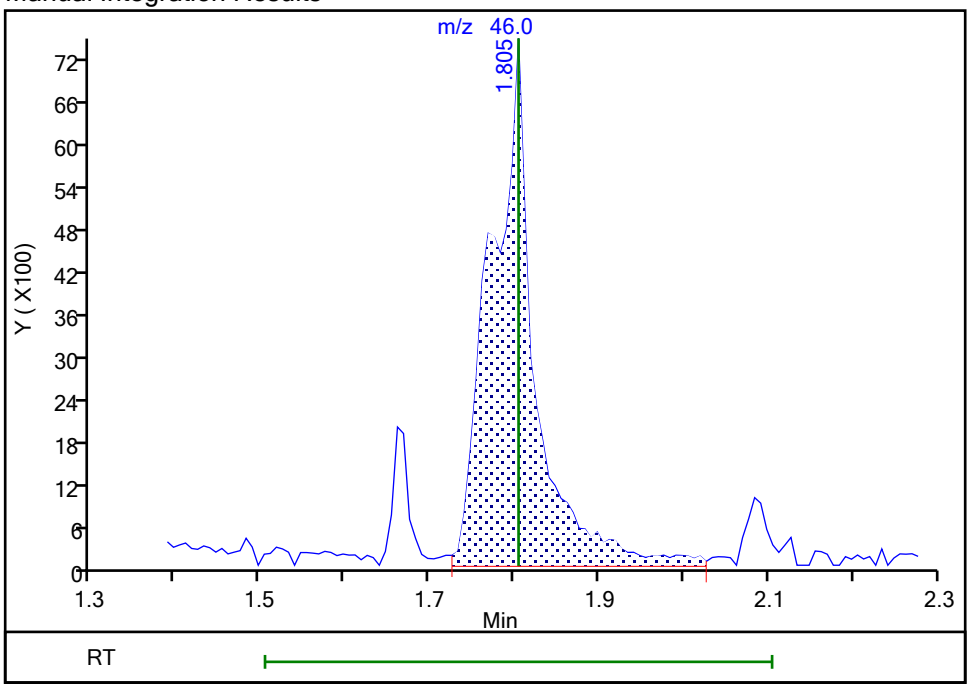
Processing Integration Results

RT: 1.66
Area: 2795
Amount: 297.9816
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 27086
Amount: 2054.9557
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:38:25 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

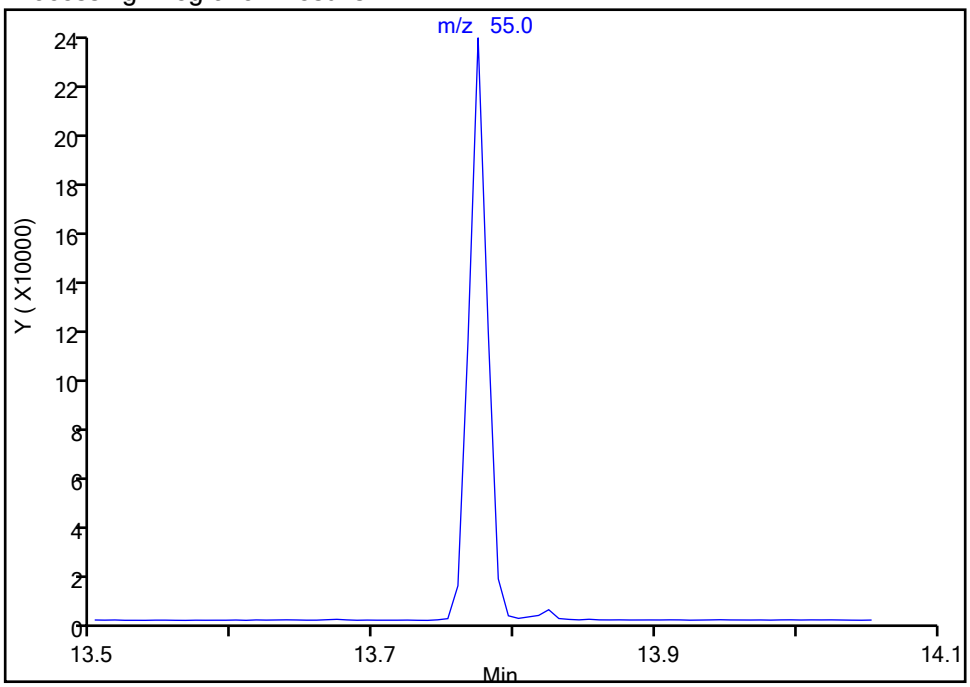
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198038.D
Injection Date: 23-Sep-2023 05:18:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

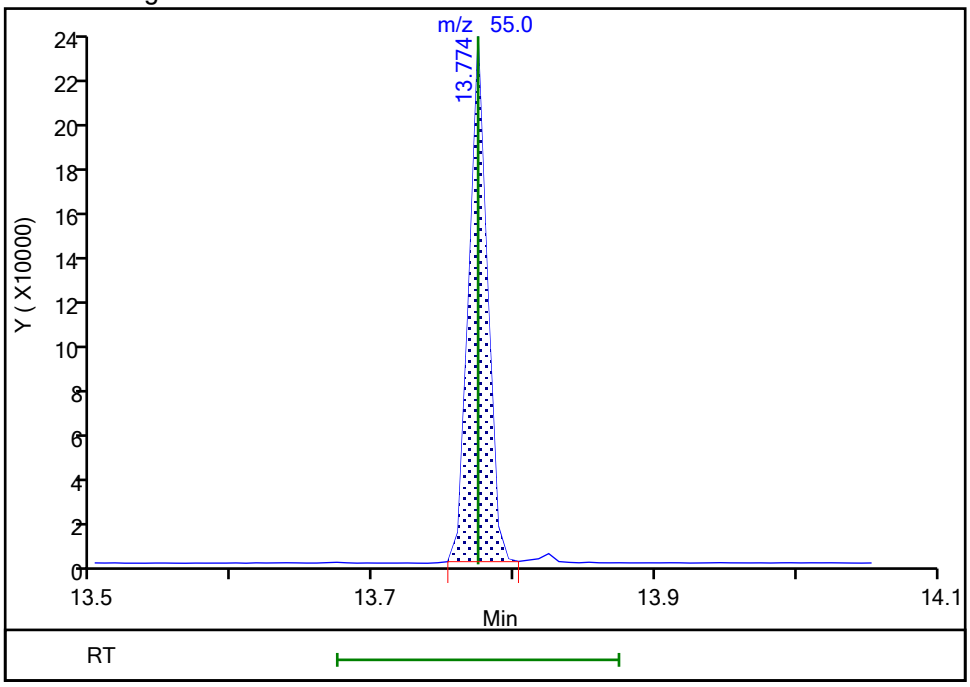
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 216196
Amount: 54.966774
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:44:47 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198039.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Sep-2023 05:44:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0166364-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:31:08 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 14:38:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.988	0.995	-0.007	89	131855	200.0	176.0	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	99	1015228	200.0	205.9	
168 Chlorodifluoromethane	51	1.060	1.053	0.007	97	1469337	200.0	175.9	
7 Vinyl chloride	62	1.160	1.160	0.000	98	1066679	200.0	197.1	
6 Chloromethane	50	1.167	1.160	0.007	98	1575556	200.0	200.5	
175 Butadiene	54	1.167	1.167	0.000	95	1057172	200.0	202.7	
9 Bromomethane	94	1.346	1.346	0.000	98	470939	200.0	232.4	
10 Chloroethane	64	1.418	1.411	0.007	100	650578	200.0	195.6	
11 Pentane	72	1.489	1.482	0.007	97	235551	400.0	302.9	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	99	1162049	200.0	199.1	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	99	1383648	200.0	192.7	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	95	1093352	200.0	194.6	
15 Ethyl ether	59	1.669	1.669	0.000	90	519782	200.0	204.1	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.783	1.776	0.007	97	276874	200.0	185.1	
17 1,1-Dichloroethene	96	1.790	1.783	0.007	95	566239	200.0	184.1	
16 Ethanol	46	1.805	1.805	0.000	98	104683	8000.0	6644.0	a
19 Carbon disulfide	76	1.812	1.805	0.007	100	1906464	200.0	167.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.812	1.805	0.007	56	587440	200.0	190.1	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.819	1.812	0.007	96	998463	200.0	194.9	
22 Iodomethane	142	1.876	1.876	0.000	100	666986	200.0	201.3	
169 Cyclopentene	67	1.969	1.962	0.007	97	1444443	200.0	184.3	
24 Acrolein	56	1.984	1.977	0.007	96	73752	200.0	190.2	
164 3-Chloro-1-propene	76	2.070	2.070	0.000	28	398469	200.0	186.6	
26 Isopropyl alcohol	45	2.084	2.084	0.000	98	271668	2000.0	1855.8	
27 Methylene Chloride	84	2.141	2.141	0.000	99	702848	200.0	189.1	
28 Acetone	43	2.163	2.156	0.007	86	679699	1000.0	952.4	
29 trans-1,2-Dichloroethene	96	2.242	2.234	0.008	98	648117	200.0	186.4	
30 Methyl acetate	74	2.242	2.242	0.000	70	136829	400.0	346.1	
31 Hexane	86	2.292	2.292	0.000	94	122284	200.0	160.4	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	92	1679739	200.0	204.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	99	171464	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.363	2.363	0.000	99	328423	2000.0	1857.4	
35 Acetonitrile	41	2.464	2.464	0.000	98	590997	2000.0	1825.2	
36 Isopropyl ether	45	2.564	2.557	0.007	96	2679873	200.0	203.9	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	94	646458	200.0	195.7	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	100	1442550	200.0	195.5	
39 Acrylonitrile	53	2.671	2.664	0.007	94	1810773	2000.0	1992.1	
41 Vinyl acetate	43	2.815	2.815	0.000	89	1621384	400.0	400.3	
40 Tert-butyl ethyl ether	59	2.815	2.815	0.000	84	2211614	200.0	205.4	
42 cis-1,2-Dichloroethene	96	3.030	3.022	0.008	92	733098	200.0	193.2	
43 2,2-Dichloropropane	97	3.108	3.101	0.007	96	192954	200.0	184.8	
45 Chlorobromomethane	128	3.180	3.173	0.007	97	302244	200.0	200.6	
44 Cyclohexane	56	3.187	3.180	0.007	95	1156306	200.0	182.6	
46 Chloroform	83	3.237	3.237	0.000	97	1265815	200.0	199.3	
48 Ethyl acetate	70	3.330	3.330	0.000	99	97013	400.0	402.6	
49 Methyl acrylate	55	3.338	3.338	0.000	98	424432	200.0	205.3	
47 Carbon tetrachloride	117	3.345	3.345	0.000	97	889261	200.0	193.0	
50 Tetrahydrofuran	42	3.352	3.359	-0.007	90	375846	400.0	367.6	
$ 51 Dibromofluoromethane (Surr)	113	3.381	3.381	-0.001	96	140074	50.0	51.2	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	97	1058930	200.0	188.8	
* 53 2-Butanone-d5	46	3.431	3.431	0.000	99	256954	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.466	0.000	99	276262	1000.0	949.0	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	93	310436	200.0	182.4	
56 Isooctane	57	3.595	3.595	0.000	98	1543460	200.0	193.8	
57 n-Heptane	57	3.689	3.689	0.000	88	334816	200.0	180.5	
58 Benzene	78	3.696	3.696	0.000	98	2876324	200.0	187.5	
59 Propionitrile	54	3.703	3.703	0.000	95	644143	2000.0	1929.0	
60 Methacrylonitrile	67	3.724	3.717	0.007	95	1962661	2000.0	2154.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.803	0.007	0	166159	50.0	50.2	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	97	1763927	200.0	205.4	
63 1,2-Dichloroethane	62	3.868	3.860	0.008	97	908668	200.0	196.9	
64 Isobutyl alcohol	43	3.911	3.918	-0.007	97	467875	5000.0	4933.5	
* 66 Fluorobenzene	96	4.061	4.054	0.007	97	761247	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	98	1003999	200.0	213.9	
68 Methylcyclohexane	83	4.211	4.211	0.000	93	935125	200.0	182.0	
69 Trichloroethene	130	4.219	4.219	0.000	97	729179	200.0	191.8	
72 n-Butanol	56	4.577	4.584	-0.007	91	274939	5000.0	5468.3	
71 Dibromomethane	93	4.605	4.605	0.000	94	348170	200.0	201.8	
73 1,2-Dichloropropane	63	4.706	4.699	0.007	87	803221	200.0	198.8	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	633396	200.0	209.9	
75 Dichlorobromomethane	83	4.784	4.784	0.000	98	964272	200.0	204.5	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	74	20640	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.971	0.000	93	236972	400.0	417.8	
78 1,4-Dioxane	88	4.985	4.992	-0.007	98	82486	4000.0	4065.5	
79 n-Propyl acetate	43	5.128	5.128	0.000	99	695313	200.0	220.2	
80 2-Chloroethyl vinyl ether	63	5.415	5.408	0.007	96	232671	200.5	215.4	
81 cis-1,3-Dichloropropene	75	5.458	5.458	0.000	98	1213589	200.0	197.6	
$ 82 Toluene-d8 (Surr)	98	5.666	5.658	0.008	98	610254	50.0	49.1	
83 Toluene	91	5.723	5.716	0.007	93	2974404	200.0	183.5	
84 Epichlorohydrin	57	5.730	5.730	0.000	100	546976	4000.0	4035.2	
85 2-Nitropropane	41	5.966	5.966	0.000	98	273138	400.0	439.5	
86 Tetrachloroethene	166	6.174	6.167	0.007	93	619575	200.0	179.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.181	0.007	99	2366709	1000.0	1009.1	
88 trans-1,3-Dichloropropene	75	6.231	6.224	0.007	98	1039365	200.0	202.7	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	94	428199	200.0	201.4	
90 Ethyl methacrylate	69	6.482	6.475	0.007	92	668179	200.0	213.3	
91 Chlorodibromomethane	129	6.625	6.625	0.000	97	588174	200.0	207.3	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	97	934000	200.0	200.7	
93 Ethylene Dibromide	107	6.883	6.876	0.007	98	461142	200.0	199.4	
94 n-Butyl acetate	43	7.206	7.198	0.008	98	797708	200.0	207.8	
95 2-Hexanone	43	7.270	7.270	0.000	99	1642468	1000.0	1017.7	
* 96 Chlorobenzene-d5	117	7.592	7.585	0.007	88	572344	50.0	50.0	
97 Chlorobenzene	112	7.614	7.607	0.007	90	1863519	200.0	191.7	
98 Ethylbenzene	106	7.700	7.693	0.007	99	1025182	200.0	190.0	
99 1,1,1,2-Tetrachloroethane	131	7.728	7.721	0.007	94	654461	200.0	203.8	
100 m-Xylene & p-Xylene	106	7.908	7.908	0.000	0	1260380	200.0	191.4	
101 o-Xylene	106	8.509	8.509	0.000	93	1237033	200.0	191.5	
102 Bromoform	173	8.581	8.581	0.000	95	331589	200.0	209.9	
103 Styrene	104	8.595	8.595	0.000	93	2085780	200.0	196.3	
104 n-Butyl acrylate	73	8.903	8.903	0.000	95	411053	200.0	209.4	
105 Isopropylbenzene	105	9.011	9.004	0.007	97	3137777	200.0	190.3	
106 Amyl acetate (mixed isomers)	43	9.319	9.319	0.000	88	1066841	200.0	210.7	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	84	186479	50.0	49.3	
108 Bromobenzene	156	9.505	9.505	0.000	94	731450	200.0	191.7	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	3837893	200.0	187.3	
110 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	483180	200.0	201.5	
111 2-Chlorotoluene	91	9.834	9.827	0.007	97	2731388	200.0	192.3	
172 4-Ethyltoluene	105	9.842	9.834	0.008	98	3274786	200.0	194.3	
113 1,2,3-Trichloropropane	110	9.928	9.928	0.000	98	142293	200.0	194.4	
114 1,3,5-Trimethylbenzene	105	9.999	9.992	0.007	92	2645825	200.0	188.8	
115 trans-1,4-Dichloro-2-butene	53	10.042	10.042	0.000	90	189702	200.0	196.9	
116 4-Chlorotoluene	91	10.099	10.099	0.000	99	2442883	200.0	191.5	
117 tert-Butylbenzene	119	10.479	10.472	0.007	92	2138116	200.0	186.5	
119 Butyl Methacrylate	87	10.579	10.579	0.000	98	913274	200.0	211.7	
118 1,2,4-Trimethylbenzene	105	10.608	10.601	0.007	99	2752453	200.0	190.1	
120 sec-Butylbenzene	105	10.773	10.773	0.000	98	3060189	200.0	188.5	
121 1,3-Dichlorobenzene	146	11.045	11.038	0.007	93	1381341	200.0	193.1	
122 4-Isopropyltoluene	119	11.052	11.045	0.007	97	2674197	200.0	191.3	
* 123 1,4-Dichlorobenzene-d4	152	11.174	11.167	0.007	97	291332	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.195	11.188	0.007	91	1374793	200.0	190.4	
125 1,2,3-Trimethylbenzene	105	11.289	11.281	0.007	99	2858529	200.0	197.0	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	2568078	200.0	199.0	
127 Benzyl chloride	126	11.582	11.582	0.000	97	215170	200.0	213.5	
167 p-Diethylbenzene	119	11.604	11.597	0.007	93	1600208	200.0	196.5	
129 n-Butylbenzene	91	11.668	11.668	0.000	98	2333593	200.0	187.5	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	93	1207153	200.0	195.2	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	97	2350129	200.0	197.4	
132 1,2-Dibromo-3-Chloropropane	157	12.714	12.714	0.000	94	77716	200.0	213.3	
133 1,3,5-Trichlorobenzene	180	12.764	12.757	0.007	96	828801	200.0	191.8	
134 1,2,4-Trichlorobenzene	180	13.394	13.387	0.007	93	557847	200.0	190.0	
135 Hexachlorobutadiene	225	13.402	13.402	0.000	90	233959	200.0	181.2	
136 Naphthalene	128	13.667	13.667	0.000	99	847670	200.0	181.9	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	95	824260	200.0	195.7	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	94	304027	200.0	183.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		400.0	379.6	
S 140 Xylenes, Total	100				0		400.0	382.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00159	Amount Added:	20.00	Units: uL	
Ethanol mix_00081	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00140	Amount Added:	20.00	Units: uL	
MIX I Hi_00168	Amount Added:	20.00	Units: uL	
7 Freons Hi_00006	Amount Added:	20.00	Units: uL	
GAS Hi_00452	Amount Added:	20.00	Units: uL	
EthyhexAcr_Hi_00003	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:31:10 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198039.D

Injection Date: 23-Sep-2023 05:44:30 Instrument ID: CVOAMS13 Operator ID:

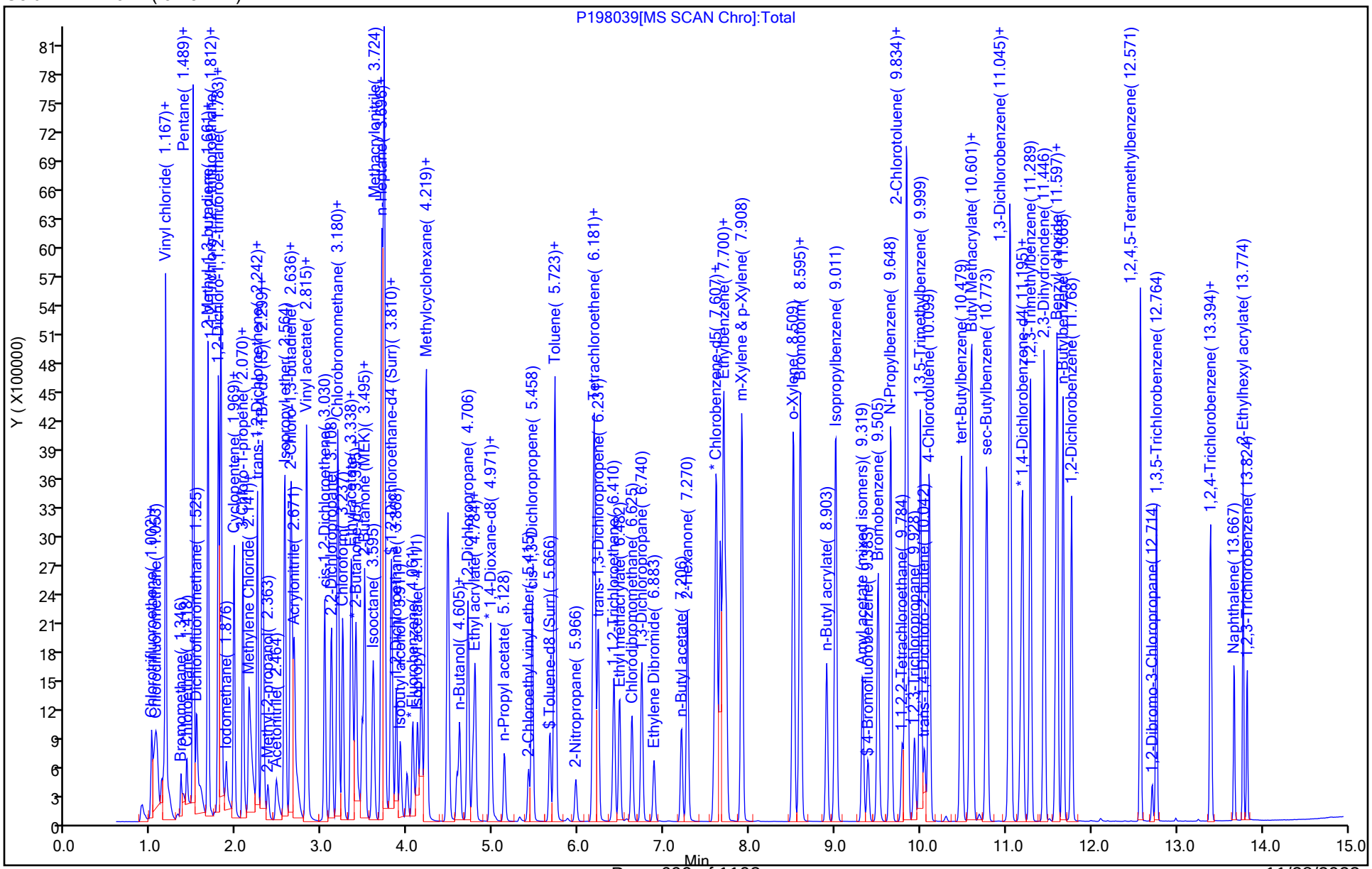
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

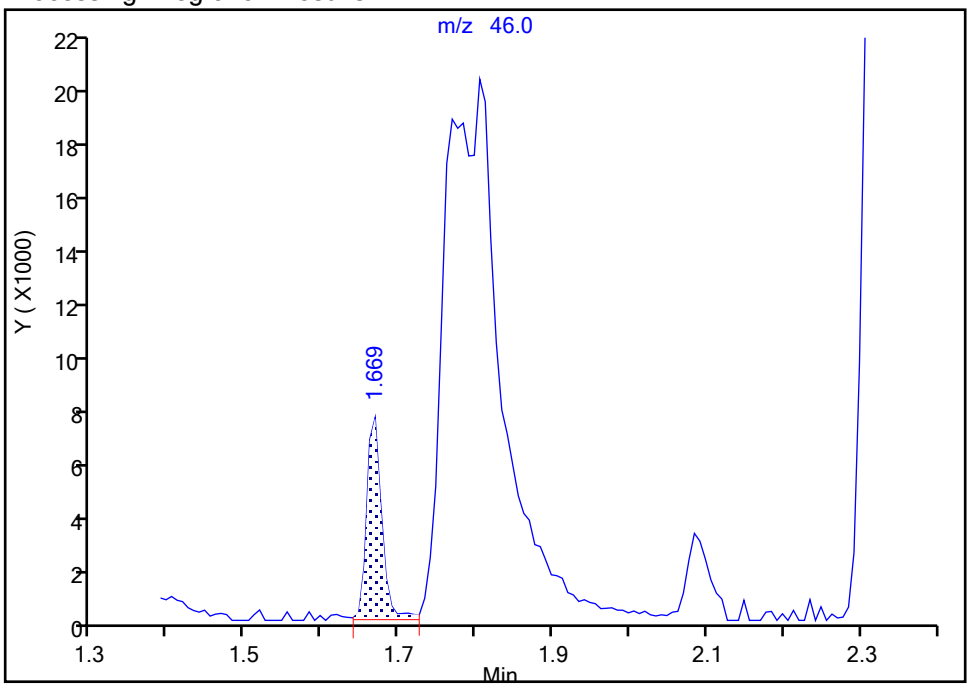
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198039.D
Injection Date: 23-Sep-2023 05:44:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

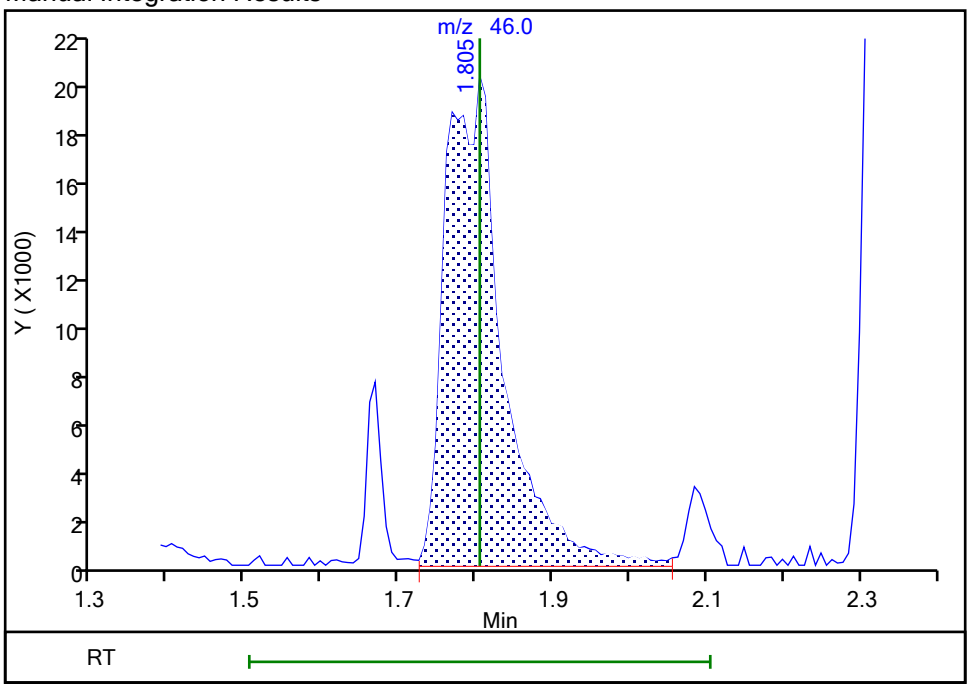
Processing Integration Results

RT: 1.67
Area: 10385
Amount: 761.8029
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 104683
Amount: 6643.9758
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:38:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

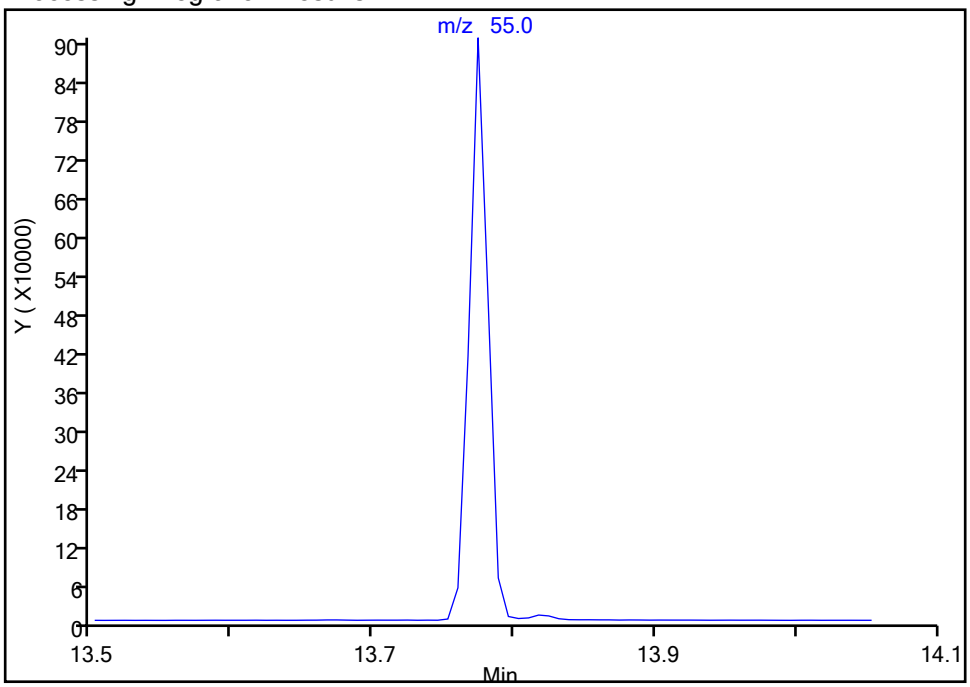
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198039.D
Injection Date: 23-Sep-2023 05:44:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

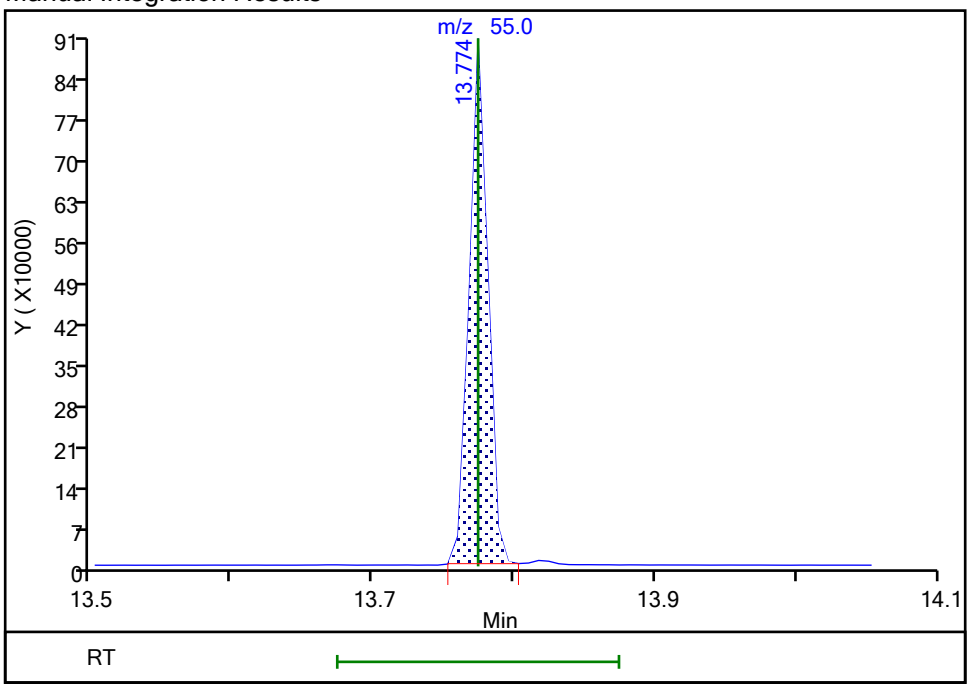
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 824260
Amount: 195.7198
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:45:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198040.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Sep-2023 06:10:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0166364-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:31:30 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 07:04:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.988	0.995	-0.007	89	368758	500.0	480.0	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	99	2787147	500.0	551.1	
168 Chlorodifluoromethane	51	1.060	1.053	0.007	96	3886768	500.0	453.7	
7 Vinyl chloride	62	1.160	1.160	0.000	98	2827279	500.0	509.2	
6 Chloromethane	50	1.167	1.160	0.007	99	4196778	500.0	520.7	
175 Butadiene	54	1.174	1.167	0.007	94	2815615	500.0	526.2	
9 Bromomethane	94	1.346	1.346	0.000	99	1426379	500.0	705.7	
10 Chloroethane	64	1.410	1.411	-0.001	100	1721961	500.0	504.6	
11 Pentane	72	1.489	1.482	0.007	96	631310	1000.0	814.2	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	98	3103698	500.0	518.5	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	99	3609455	500.0	490.0	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	95	2868707	500.0	497.7	
15 Ethyl ether	59	1.668	1.669	-0.001	98	1348946	500.0	517.3	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.783	1.776	0.007	98	810256	500.0	528.2	
17 1,1-Dichloroethene	96	1.790	1.783	0.007	94	1528734	500.0	484.5	
16 Ethanol	46	1.812	1.805	0.007	36	267122	20000	17001	a
19 Carbon disulfide	76	1.812	1.805	0.007	100	5165287	500.0	442.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.812	1.805	0.007	74	1634386	500.0	515.6	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.819	1.812	0.007	98	2747332	500.0	522.9	
22 Iodomethane	142	1.876	1.876	0.000	100	1853681	500.0	499.8	
169 Cyclopentene	67	1.969	1.962	0.007	97	3763521	500.0	468.2	
24 Acrolein	56	1.991	1.977	0.014	96	146954	400.0	380.0	
164 3-Chloro-1-propene	76	2.077	2.070	0.007	28	1023001	500.0	467.0	
26 Isopropyl alcohol	45	2.091	2.084	0.007	97	635327	5000.0	4352.1	
27 Methylene Chloride	84	2.141	2.141	0.000	99	1816154	500.0	476.5	
28 Acetone	43	2.163	2.156	0.007	85	1760857	2500.0	2553.2	
29 trans-1,2-Dichloroethene	96	2.241	2.234	0.007	99	1729699	500.0	485.0	
30 Methyl acetate	74	2.249	2.242	0.007	100	355409	1000.0	901.4	
31 Hexane	86	2.292	2.292	0.000	94	320138	500.0	409.3	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	92	4167837	500.0	494.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.320	2.313	0.007	100	170990	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.370	2.363	0.007	99	826365	5000.0	4686.5	
35 Acetonitrile	41	2.463	2.464	-0.001	98	1478554	5000.0	4578.8	
36 Isopropyl ether	45	2.564	2.557	0.007	96	6843648	500.0	507.7	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	94	1689346	500.0	498.5	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	100	3858099	500.0	509.7	
39 Acrylonitrile	53	2.678	2.664	0.014	92	4535011	5000.0	4863.9	
41 Vinyl acetate	43	2.822	2.815	0.007	82	3806015	1000.0	916.2	
40 Tert-butyl ethyl ether	59	2.822	2.815	0.007	84	5591415	500.0	506.3	
42 cis-1,2-Dichloroethene	96	3.029	3.022	0.007	92	1915288	500.0	492.0	
43 2,2-Dichloropropane	97	3.108	3.101	0.007	96	497109	500.0	464.3	
45 Chlorobromomethane	128	3.180	3.173	0.007	96	748115	500.0	484.1	
44 Cyclohexane	56	3.187	3.180	0.007	96	3155427	500.0	485.8	
46 Chloroform	83	3.244	3.237	0.007	97	3309172	500.0	507.9	
48 Ethyl acetate	70	3.337	3.330	0.007	99	249526	1000.0	1073.7	
49 Methyl acrylate	55	3.337	3.338	-0.001	98	1072538	500.0	505.7	
47 Carbon tetrachloride	117	3.345	3.345	-0.001	97	2334089	500.0	493.9	
50 Tetrahydrofuran	42	3.359	3.359	0.000	93	959774	1000.0	971.4	
$ 51 Dibromofluoromethane (Surr)	113	3.387	3.381	0.006	95	144027	50.0	51.3	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	96	2813272	500.0	488.9	
* 53 2-Butanone-d5	46	3.430	3.431	-0.001	99	248300	250.0	250.0	
54 2-Butanone (MEK)	72	3.473	3.466	0.007	98	702160	2500.0	2496.1	
55 1,1-Dichloropropene	110	3.502	3.495	0.007	92	816338	500.0	467.7	
56 Isooctane	57	3.595	3.595	0.000	98	3950047	500.0	483.6	
57 n-Heptane	57	3.696	3.689	0.007	91	884042	500.0	464.6	
58 Benzene	78	3.703	3.696	0.007	98	7555830	500.0	492.4	
59 Propionitrile	54	3.717	3.703	0.014	95	1633554	5000.0	4905.6	
60 Methacrylonitrile	67	3.738	3.717	0.021	95	4907125	5000.0	5252.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.803	0.007	0	178675	50.0	52.6	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	97	4422210	500.0	502.0	
63 1,2-Dichloroethane	62	3.867	3.860	0.007	97	2330534	500.0	492.2	
64 Isobutyl alcohol	43	3.918	3.918	0.000	97	1197070	12500	12657	
* 66 Fluorobenzene	96	4.061	4.054	0.007	97	780822	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	98	2471710	500.0	513.5	
68 Methylcyclohexane	83	4.218	4.211	0.007	92	2541012	500.0	482.1	
69 Trichloroethene	130	4.226	4.219	0.007	97	1921983	500.0	492.8	
72 n-Butanol	56	4.577	4.584	-0.007	91	686062	12500	13683	
71 Dibromomethane	93	4.612	4.605	0.007	94	884645	500.0	499.8	
73 1,2-Dichloropropane	63	4.705	4.699	0.006	87	2104123	500.0	507.8	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	1574721	500.0	508.8	
75 Dichlorobromomethane	83	4.791	4.784	0.007	98	2491330	500.0	515.2	
* 76 1,4-Dioxane-d8	96	4.963	4.956	0.007	77	20273	1000.0	1000.0	
77 Methyl methacrylate	100	4.978	4.971	0.007	93	591509	1000.0	1016.7	
78 1,4-Dioxane	88	4.992	4.992	0.000	99	201508	10000	10112	
79 n-Propyl acetate	43	5.135	5.128	0.007	99	1713856	500.0	529.2	
80 2-Chloroethyl vinyl ether	63	5.415	5.408	0.007	96	605958	501.2	547.0	
81 cis-1,3-Dichloropropene	75	5.458	5.458	0.000	98	3124598	500.0	508.6	
$ 82 Toluene-d8 (Surr)	98	5.665	5.658	0.007	98	627561	50.0	50.5	
83 Toluene	91	5.723	5.716	0.007	93	7793727	500.0	480.7	
84 Epichlorohydrin	57	5.737	5.730	0.007	100	1440532	10000	9995.9	
85 2-Nitropropane	41	5.973	5.966	0.007	98	666773	1000.0	1047.8	
86 Tetrachloroethene	166	6.174	6.167	0.007	92	1628815	500.0	470.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.181	0.007	99	6002965	2500.0	2648.8	
88 trans-1,3-Dichloropropene	75	6.231	6.224	0.007	98	2651888	500.0	517.0	
89 1,1,2-Trichloroethane	83	6.417	6.410	0.007	94	1077923	500.0	506.8	
90 Ethyl methacrylate	69	6.482	6.475	0.007	92	1717037	500.0	534.5	
91 Chlorodibromomethane	129	6.625	6.625	0.000	97	1484650	500.0	523.2	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	97	2355691	500.0	506.1	
93 Ethylene Dibromide	107	6.883	6.876	0.007	98	1147440	500.0	496.1	
94 n-Butyl acetate	43	7.205	7.198	0.007	98	2039296	500.0	531.0	
95 2-Hexanone	43	7.277	7.270	0.007	99	4167770	2500.0	2672.4	
* 96 Chlorobenzene-d5	117	7.592	7.585	0.007	90	572510	50.0	50.0	
97 Chlorobenzene	112	7.614	7.607	0.007	91	4847328	500.0	498.5	
98 Ethylbenzene	106	7.707	7.693	0.014	99	2731782	500.0	506.1	
99 1,1,1,2-Tetrachloroethane	131	7.735	7.721	0.014	94	1710942	500.0	532.5	
100 m-Xylene & p-Xylene	106	7.915	7.908	0.007	0	3324800	500.0	504.7	
101 o-Xylene	106	8.516	8.509	0.007	93	3260156	500.0	504.5	
102 Bromoform	173	8.588	8.581	0.007	94	843460	500.0	533.7	
103 Styrene	104	8.602	8.595	0.007	91	5479619	500.0	515.6	
104 n-Butyl acrylate	73	8.910	8.903	0.007	95	1026000	500.0	522.6	
105 Isopropylbenzene	105	9.018	9.004	0.014	98	8175256	500.0	495.6	
106 Amyl acetate (mixed isomers)	43	9.326	9.319	0.007	88	2642974	500.0	535.4	
$ 107 4-Bromofluorobenzene	174	9.390	9.383	0.007	84	186888	50.0	49.4	
108 Bromobenzene	156	9.512	9.505	0.007	93	1867173	500.0	501.8	
109 N-Propylbenzene	91	9.655	9.648	0.007	98	9895913	500.0	495.2	
110 1,1,2,2-Tetrachloroethane	83	9.791	9.784	0.007	98	1212212	500.0	518.4	
111 2-Chlorotoluene	91	9.841	9.827	0.014	96	7255367	500.0	523.7	
172 4-Ethyltoluene	105	9.849	9.834	0.015	97	8517107	500.0	518.3	
113 1,2,3-Trichloropropane	110	9.935	9.928	0.006	97	353891	500.0	495.8	
114 1,3,5-Trimethylbenzene	105	10.013	9.992	0.021	92	6831884	500.0	499.8	
115 trans-1,4-Dichloro-2-butene	53	10.056	10.042	0.014	89	481749	500.0	513.6	
116 4-Chlorotoluene	91	10.114	10.099	0.015	99	6265666	500.0	503.7	
117 tert-Butylbenzene	119	10.486	10.472	0.014	92	5490837	500.0	491.1	
119 Butyl Methacrylate	87	10.586	10.579	0.007	98	2313314	500.0	550.0	
118 1,2,4-Trimethylbenzene	105	10.615	10.601	0.014	99	7112002	500.0	503.7	
120 sec-Butylbenzene	105	10.780	10.773	0.007	98	7699882	500.0	486.3	
121 1,3-Dichlorobenzene	146	11.052	11.038	0.014	92	3538385	500.0	507.1	
122 4-Isopropyltoluene	119	11.059	11.045	0.014	97	6860594	500.0	503.4	
* 123 1,4-Dichlorobenzene-d4	152	11.181	11.167	0.014	98	284086	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.202	11.188	0.014	91	3475975	500.0	493.6	
125 1,2,3-Trimethylbenzene	105	11.295	11.281	0.014	99	7175234	500.0	507.1	
165 2,3-Dihydroindene	117	11.453	11.446	0.007	0	6312684	500.0	501.7	
127 Benzyl chloride	126	11.582	11.582	0.000	98	518737	500.0	527.9	
167 p-Diethylbenzene	119	11.611	11.597	0.014	93	3984442	500.0	501.8	
129 n-Butylbenzene	91	11.675	11.668	0.007	98	5814745	500.0	479.0	
130 1,2-Dichlorobenzene	146	11.775	11.768	0.007	92	2998550	500.0	497.1	
166 1,2,4,5-Tetramethylbenzene	119	12.578	12.571	0.007	97	5726074	500.0	493.1	
132 1,2-Dibromo-3-Chloropropane	157	12.714	12.714	0.000	94	191844	500.0	540.1	
133 1,3,5-Trichlorobenzene	180	12.764	12.757	0.007	96	1982144	500.0	470.3	
134 1,2,4-Trichlorobenzene	180	13.394	13.387	0.007	94	1292788	500.0	451.5	
135 Hexachlorobutadiene	225	13.401	13.402	-0.001	90	563545	500.0	447.6	
136 Naphthalene	128	13.674	13.667	0.007	99	1897819	500.0	417.6	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	95	1759764	500.0	428.5	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	94	662426	500.0	410.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		1000.0	977.0	
S 140 Xylenes, Total	100				0		1000.0	1009.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00159	Amount Added:	40.00	Units: uL	
Ethanol mix_00081	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00140	Amount Added:	50.00	Units: uL	
MIX I Hi_00168	Amount Added:	50.00	Units: uL	
7 Freons Hi_00006	Amount Added:	50.00	Units: uL	
GAS Hi_00452	Amount Added:	50.00	Units: uL	
EthyhexAcr_Hi_00003	Amount Added:	50.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:31:33 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198040.D

Injection Date: 23-Sep-2023 06:10:30 Instrument ID: CVOAMS13 Operator ID:

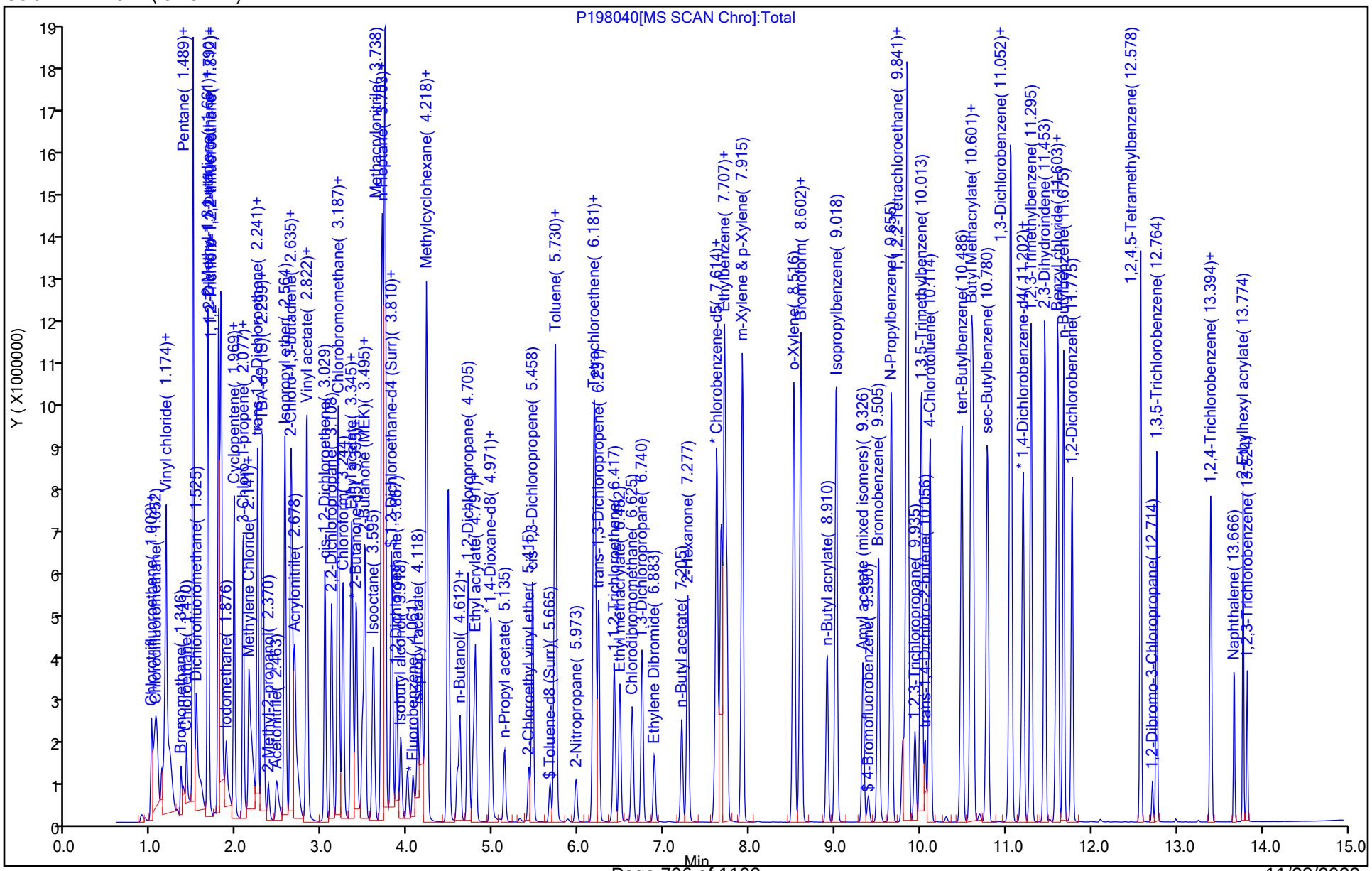
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

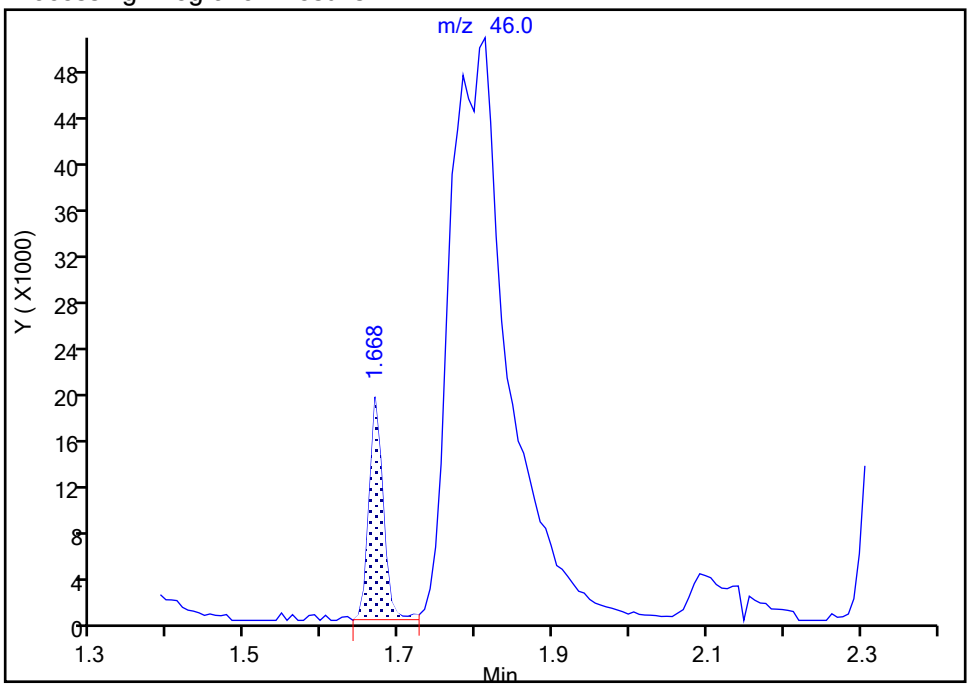
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198040.D
Injection Date: 23-Sep-2023 06:10:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

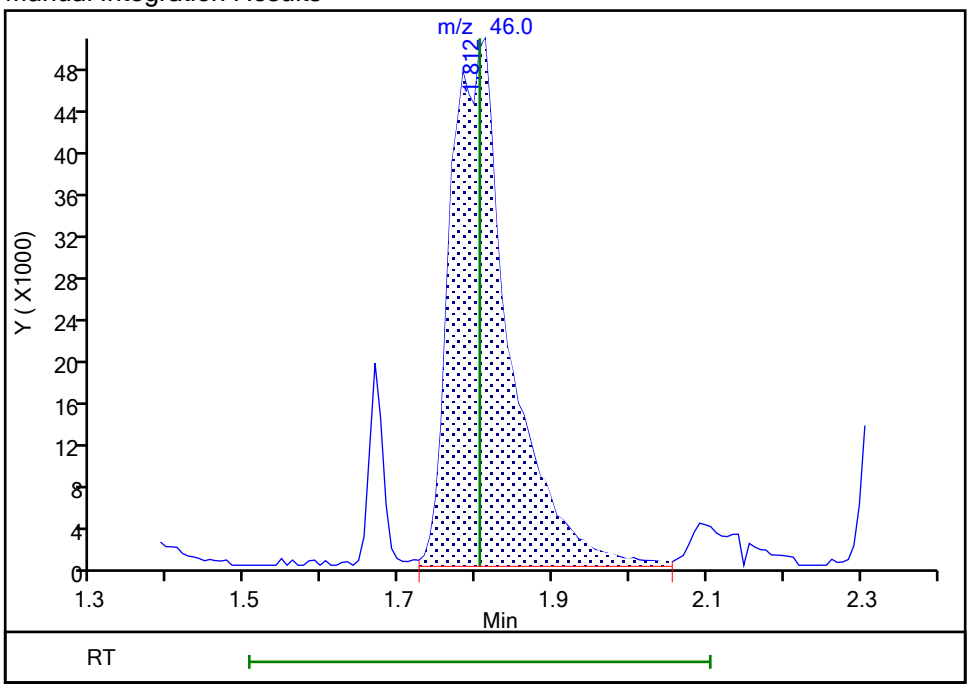
Processing Integration Results

RT: 1.67
Area: 24826
Amount: 1596.1619
Amount Units: ug/l



Manual Integration Results

RT: 1.81
Area: 267122
Amount: 17001
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:39:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

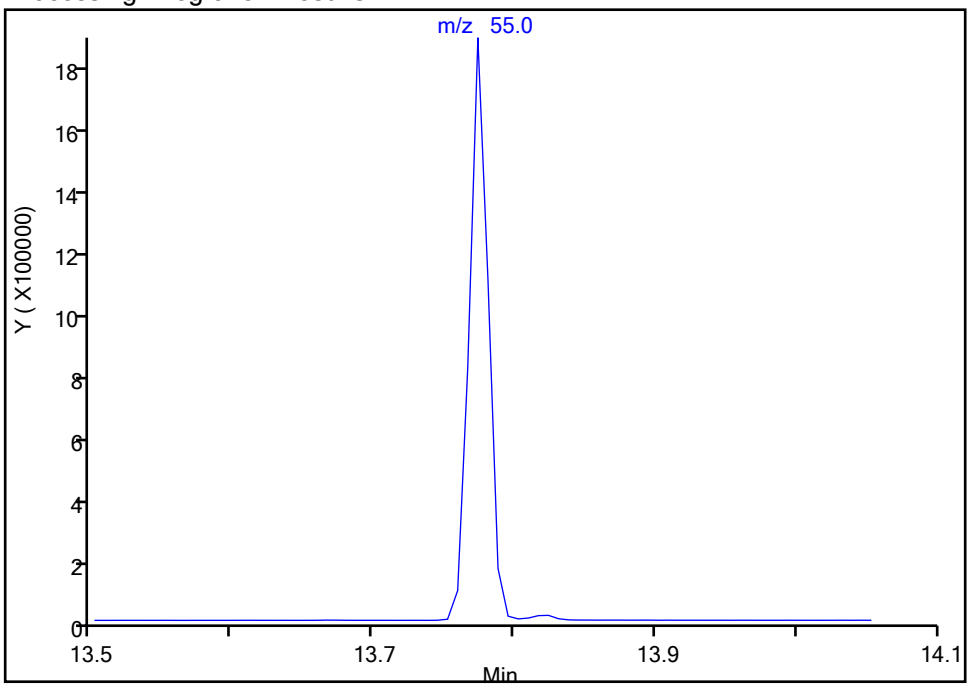
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198040.D
Injection Date: 23-Sep-2023 06:10:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

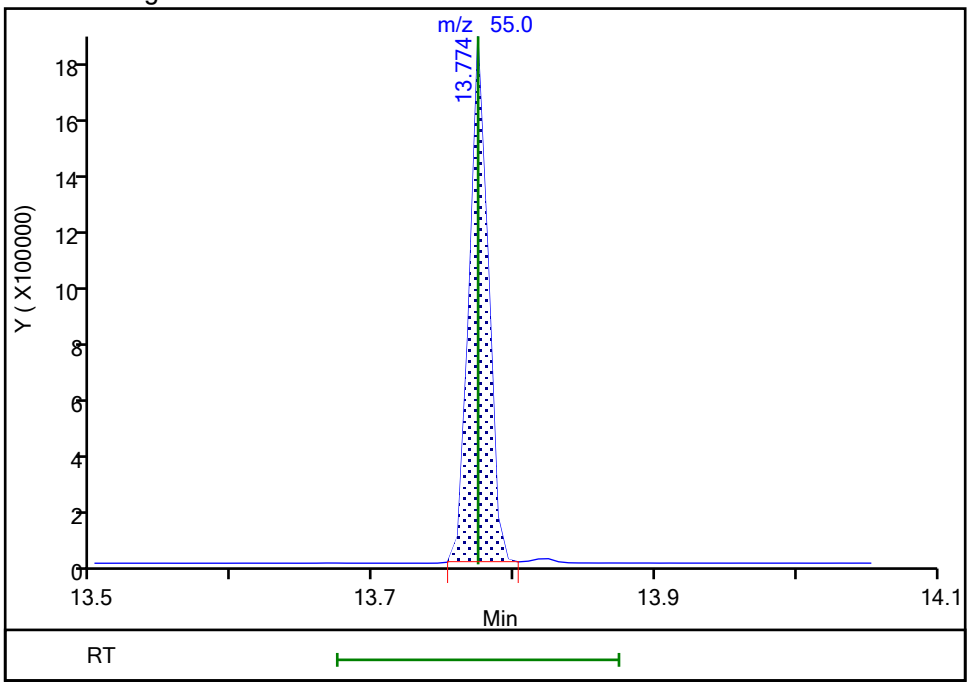
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 1759764
Amount: 428.5124
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:49:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Sep-2023 13:58:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0166364-020
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub77

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:31:53 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 14:37:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.995	0.995	0.000	87	3393	5.00	5.70	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	98	21142	5.00	5.40	
168 Chlorodifluoromethane	51	1.060	1.053	0.007	95	33422	5.00	5.04	
7 Vinyl chloride	62	1.160	1.160	0.000	97	20141	5.00	4.68	
6 Chloromethane	50	1.160	1.160	0.000	58	28391	5.00	4.55	M
175 Butadiene	54	1.160	1.167	-0.007	93	18807	5.00	4.54	M
9 Bromomethane	94	1.346	1.346	0.000	97	5749	5.00	3.88	
10 Chloroethane	64	1.418	1.411	0.007	99	12266	5.00	4.64	
11 Pentane	72	1.489	1.482	0.007	98	5956	10.0	10.5	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	58	23365	5.00	5.04	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	98	28695	5.00	5.03	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	96	21166	5.00	4.74	
15 Ethyl ether	59	1.669	1.669	0.000	93	10869	5.00	4.72	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.776	0.000	96	5440	5.00	4.58	
17 1,1-Dichloroethene	96	1.783	1.783	0.000	95	11050	5.00	4.52	
16 Ethanol	46	1.805	1.805	0.000	25	2690	200.0	233.3	a
19 Carbon disulfide	76	1.805	1.805	0.000	100	43667	5.00	4.83	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.812	1.805	0.007	80	12787	5.00	5.21	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.812	0.000	90	19162	5.00	4.71	
22 Iodomethane	142	1.876	1.876	0.000	99	8060	5.00	3.26	
169 Cyclopentene	67	1.962	1.962	0.000	96	29880	5.00	4.80	
24 Acrolein	56	1.977	1.977	0.000	96	5710	20.0	20.1	
164 3-Chloro-1-propene	76	2.070	2.070	0.000	28	8148	5.00	4.80	
26 Isopropyl alcohol	45	2.084	2.084	0.000	97	5073	50.0	47.4	
27 Methylene Chloride	84	2.141	2.141	0.000	98	14584	5.00	4.94	
28 Acetone	43	2.156	2.156	0.000	84	12835	25.0	22.7	
29 trans-1,2-Dichloroethene	96	2.234	2.234	0.000	98	13131	5.00	4.75	
30 Methyl acetate	74	2.242	2.242	0.000	99	2931	10.0	10.1	
31 Hexane	86	2.292	2.292	0.000	94	3356	5.00	5.54	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	87	32420	5.00	4.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	99	125476	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.363	2.363	0.000	98	5995	50.0	46.3	
35 Acetonitrile	41	2.464	2.464	0.000	96	11893	50.0	50.2	
36 Isopropyl ether	45	2.564	2.557	0.007	96	49583	5.00	4.75	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	96	12514	5.00	4.77	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	99	27748	5.00	4.73	
39 Acrylonitrile	53	2.664	2.664	0.000	92	35580	50.0	49.3	
41 Vinyl acetate	43	2.815	2.815	0.000	99	35100	10.0	10.9	
40 Tert-butyl ethyl ether	59	2.815	2.815	0.000	83	40317	5.00	4.71	
42 cis-1,2-Dichloroethene	96	3.022	3.022	0.000	92	14471	5.00	4.80	
43 2,2-Dichloropropane	97	3.108	3.101	0.007	94	4534	5.00	5.47	
45 Chlorobromomethane	128	3.173	3.173	0.000	97	5982	5.00	5.00	
44 Cyclohexane	56	3.180	3.180	0.000	96	25981	5.00	5.16	
46 Chloroform	83	3.237	3.237	0.000	97	25060	5.00	4.96	
48 Ethyl acetate	70	3.338	3.330	0.008	99	1961	10.0	9.05	
49 Methyl acrylate	55	3.338	3.338	0.000	59	8635	5.00	5.26	
47 Carbon tetrachloride	117	3.345	3.345	0.000	96	16866	5.00	4.61	
50 Tetrahydrofuran	42	3.359	3.359	0.000	45	6850	10.0	8.47	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.381	-0.008	95	108144	50.0	49.8	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	95	21479	5.00	4.82	
* 53 2-Butanone-d5	46	3.423	3.431	-0.008	100	203125	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.466	0.000	99	5340	25.0	23.2	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	92	6605	5.00	4.88	
56 Isooctane	57	3.595	3.595	0.000	97	32442	5.00	5.13	
57 n-Heptane	57	3.689	3.689	0.000	92	7309	5.00	4.96	
58 Benzene	78	3.696	3.696	0.000	98	57902	5.00	4.77	
59 Propionitrile	54	3.703	3.703	0.000	46	11458	50.0	46.9	
60 Methacrylonitrile	67	3.717	3.717	0.000	94	36178	50.0	50.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	133224	50.0	50.7	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	95	33893	5.00	4.97	
63 1,2-Dichloroethane	62	3.868	3.860	0.008	97	19216	5.00	5.24	
64 Isobutyl alcohol	43	3.925	3.918	0.007	97	7390	125.0	106.5	
* 66 Fluorobenzene	96	4.054	4.054	0.000	97	604954	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	97	18270	5.00	4.90	
68 Methylcyclohexane	83	4.211	4.211	0.000	93	21493	5.00	5.26	
69 Trichloroethene	130	4.219	4.219	0.000	96	15055	5.00	4.98	
72 n-Butanol	56	4.613	4.584	0.029	36	3407	125.0	92.6	a
71 Dibromomethane	93	4.598	4.605	-0.007	96	6965	5.00	5.08	
73 1,2-Dichloropropane	63	4.699	4.699	-0.001	83	15318	5.00	4.77	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	11707	5.00	4.88	
75 Dichlorobromomethane	83	4.784	4.784	0.000	97	17957	5.00	4.79	
* 76 1,4-Dioxane-d8	96	4.964	4.956	0.008	95	16633	1000.0	1000.0	
77 Methyl methacrylate	100	4.978	4.971	0.007	93	4382	10.0	9.72	
78 1,4-Dioxane	88	4.992	4.992	0.000	93	1768	100.0	108.1	
79 n-Propyl acetate	43	5.135	5.128	0.007	99	12561	5.00	5.01	
80 2-Chloroethyl vinyl ether	63	5.415	5.408	0.007	92	3927	5.01	4.58	
81 cis-1,3-Dichloropropene	75	5.451	5.458	-0.007	97	22562	5.00	4.64	
$ 82 Toluene-d8 (Surr)	98	5.658	5.658	0.000	98	474664	50.0	48.3	
83 Toluene	91	5.716	5.716	0.000	92	60218	5.00	4.69	
84 Epichlorohydrin	57	5.737	5.730	0.007	98	8212	100.0	82.1	
85 2-Nitropropane	41	5.966	5.966	0.000	100	5512	10.0	9.86	
86 Tetrachloroethene	166	6.167	6.167	0.000	92	13008	5.00	4.75	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.181	0.007	98	42048	25.0	22.7	
88 trans-1,3-Dichloropropene	75	6.224	6.224	0.000	97	19649	5.00	4.84	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	91	8779	5.00	5.21	
90 Ethyl methacrylate	69	6.482	6.475	0.007	92	11998	5.00	4.82	
91 Chlorodibromomethane	129	6.625	6.625	0.000	96	10227	5.00	4.55	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	96	18642	5.00	5.06	
93 Ethylene Dibromide	107	6.883	6.876	0.007	96	9332	5.00	5.10	
94 n-Butyl acetate	43	7.206	7.198	0.008	97	13983	5.00	4.60	
95 2-Hexanone	43	7.277	7.270	0.007	98	30303	25.0	23.8	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	453324	50.0	50.0	
97 Chlorobenzene	112	7.607	7.607	0.000	90	36559	5.00	4.75	
98 Ethylbenzene	106	7.693	7.693	0.000	99	20054	5.00	4.69	
99 1,1,1,2-Tetrachloroethane	131	7.721	7.721	0.000	93	11885	5.00	4.67	
100 m-Xylene & p-Xylene	106	7.908	7.908	0.000	0	24470	5.00	4.69	
101 o-Xylene	106	8.509	8.509	0.000	92	23829	5.00	4.66	
102 Bromoform	173	8.581	8.581	0.000	90	5671	5.00	4.53	
103 Styrene	104	8.595	8.595	0.000	93	39231	5.00	4.66	
104 n-Butyl acrylate	73	8.903	8.903	0.000	95	6972	5.00	4.48	
105 Isopropylbenzene	105	9.004	9.004	0.000	97	61570	5.00	4.71	
106 Amyl acetate (mixed isomers)	43	9.319	9.319	0.000	88	18123	5.00	4.48	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	85	153212	50.0	51.2	
108 Bromobenzene	156	9.505	9.505	0.000	96	14771	5.00	4.84	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	75082	5.00	4.58	
110 1,1,2,2-Tetrachloroethane	83	9.777	9.784	-0.007	97	9763	5.00	5.09	
111 2-Chlorotoluene	91	9.827	9.827	0.000	97	52171	5.00	4.59	
172 4-Ethyltoluene	105	9.834	9.834	0.000	98	62125	5.00	4.61	
113 1,2,3-Trichloropropane	110	9.928	9.928	0.000	94	3107	5.00	5.31	
114 1,3,5-Trimethylbenzene	105	9.992	9.992	0.000	92	51674	5.00	4.61	
115 trans-1,4-Dichloro-2-butene	53	10.042	10.042	0.000	81	4441	5.00	5.21	
116 4-Chlorotoluene	91	10.099	10.099	0.000	99	47948	5.00	4.70	
117 tert-Butylbenzene	119	10.472	10.472	0.000	92	42223	5.00	4.61	
119 Butyl Methacrylate	87	10.579	10.579	0.000	97	14883	5.00	4.32	
118 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	53130	5.00	4.59	
120 sec-Butylbenzene	105	10.773	10.773	0.000	98	60625	5.00	4.67	
121 1,3-Dichlorobenzene	146	11.038	11.038	0.000	93	27743	5.00	4.85	
122 4-Isopropyltoluene	119	11.045	11.045	0.000	97	50103	5.00	4.48	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	232885	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.188	11.188	0.000	91	28115	5.00	4.87	
125 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	100	54842	5.00	4.73	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	49140	5.00	4.76	
127 Benzyl chloride	126	11.582	11.582	0.000	96	3938	5.00	4.89	
167 p-Diethylbenzene	119	11.597	11.597	0.000	91	29259	5.00	4.49	
129 n-Butylbenzene	91	11.661	11.668	-0.007	98	46040	5.00	4.63	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	93	23884	5.00	4.83	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	96	44348	5.00	4.66	
132 1,2-Dibromo-3-Chloropropane	157	12.707	12.714	-0.007	88	1359	5.00	4.67	
133 1,3,5-Trichlorobenzene	180	12.757	12.757	0.000	95	17279	5.00	5.00	
134 1,2,4-Trichlorobenzene	180	13.387	13.387	0.000	93	12259	5.00	5.22	
135 Hexachlorobutadiene	225	13.402	13.402	0.000	89	5462	5.00	5.29	
136 Naphthalene	128	13.674	13.667	0.007	99	20084	5.00	5.39	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	97	16967	5.00	5.04	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	94	7722	5.00	5.83	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		10.0	9.55	
S 140 Xylenes, Total	100				0		10.0	9.35	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00549	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00176	Amount Added:	10.00	Units: uL	
524FREONS_00008	Amount Added:	10.00	Units: uL	
ACROLEIN W_00159	Amount Added:	4.00	Units: uL	
EthyhexAcr_Li_00004	Amount Added:	10.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:31:55 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13 Operator ID:

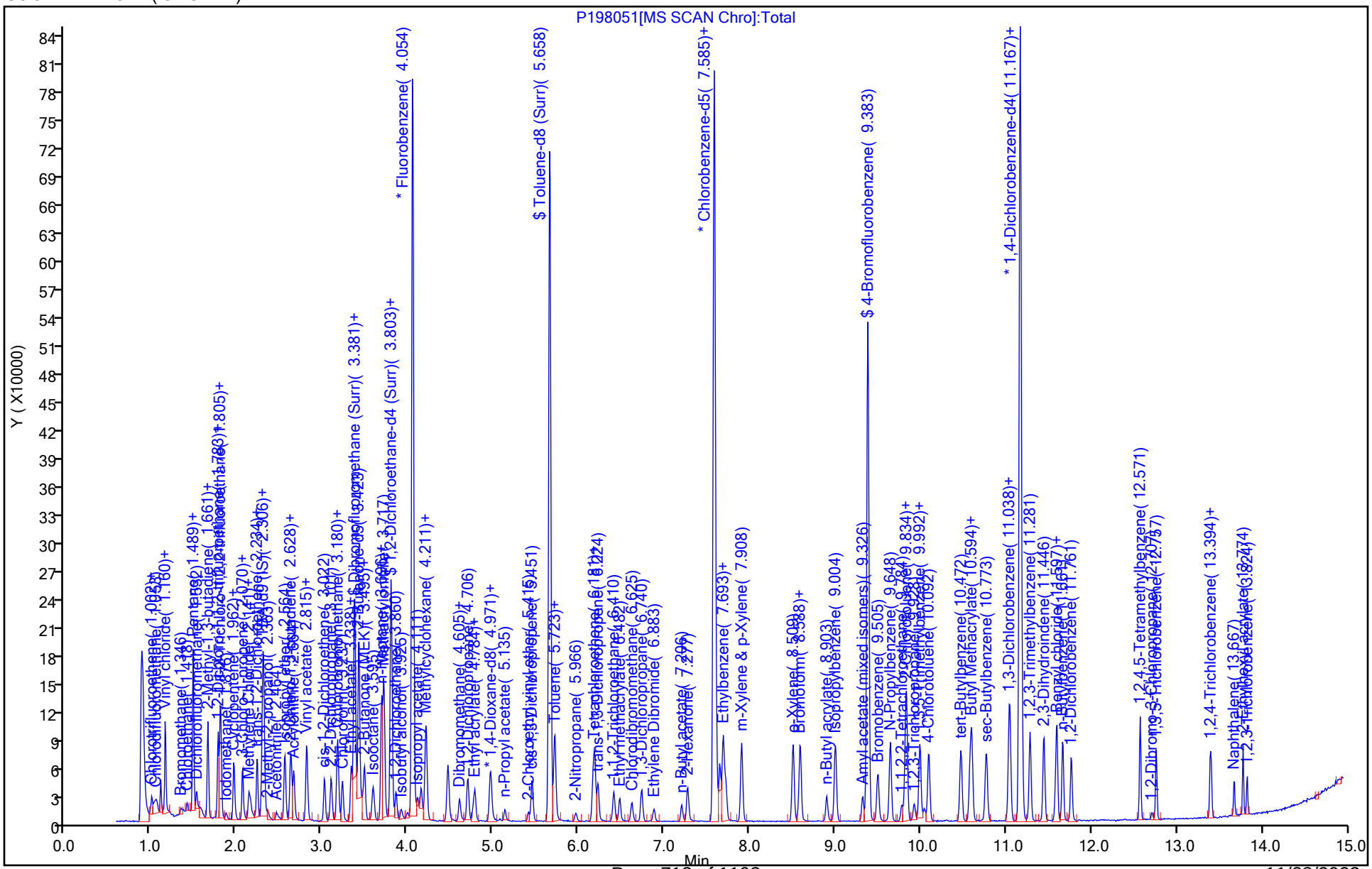
Lims ID: STD5 Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 19

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

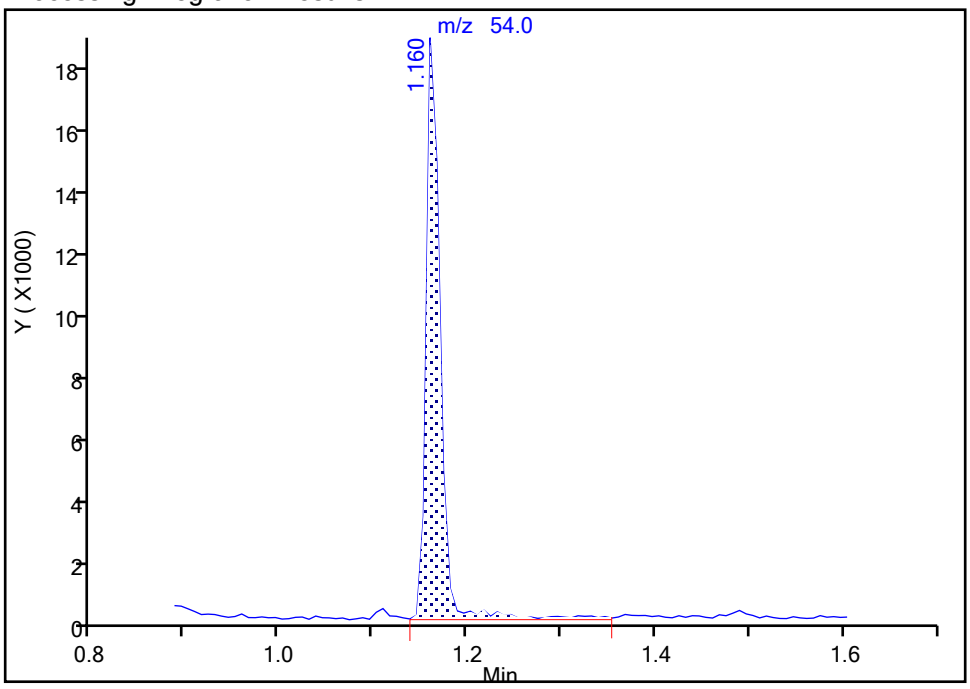
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

175 Butadiene, CAS: 106-99-0

Signal: 1

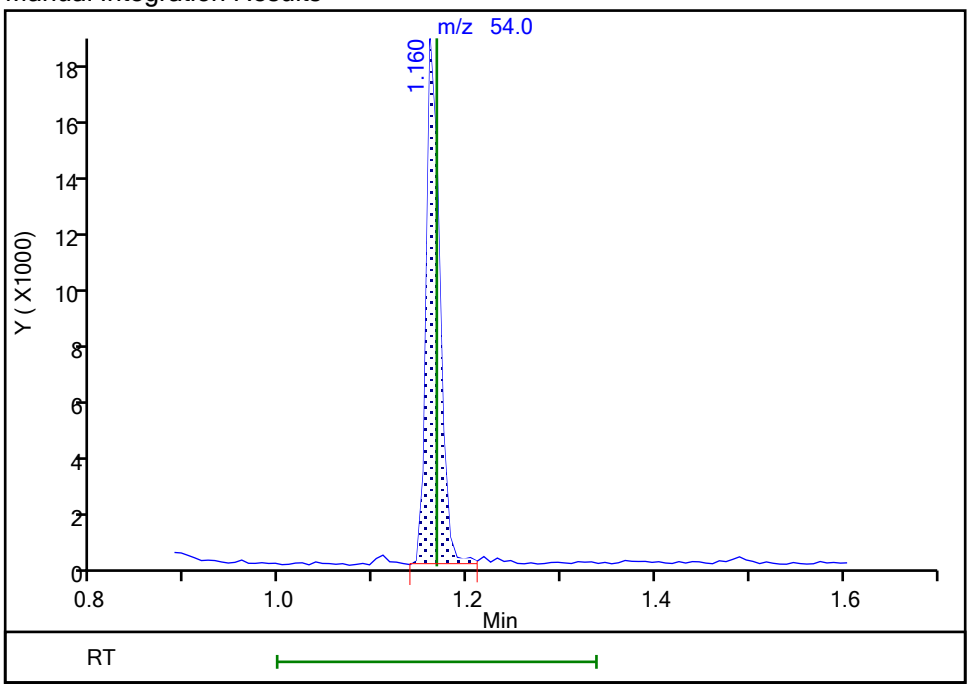
Processing Integration Results

RT: 1.16
Area: 20022
Amount: 4.723410
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 18807
Amount: 4.536581
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:51:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

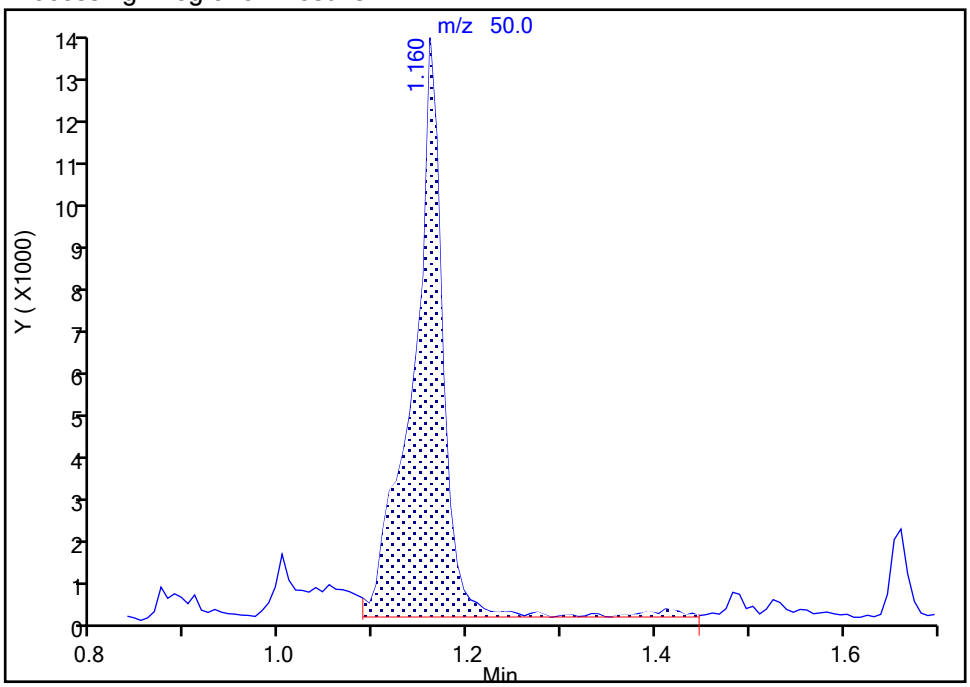
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

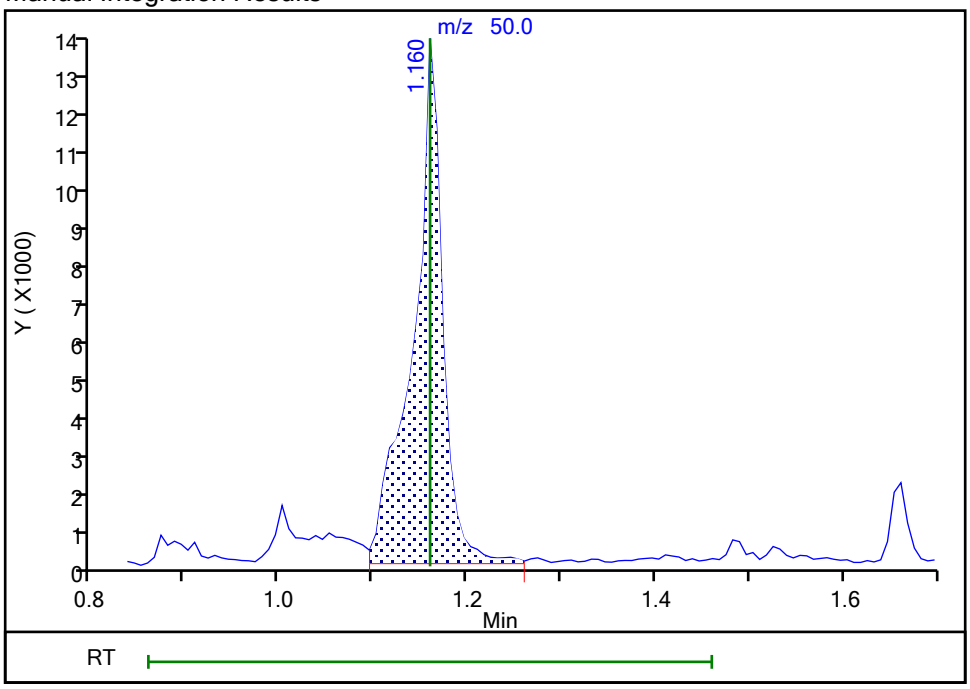
Processing Integration Results

RT: 1.16
Area: 29364
Amount: 4.728686
Amount Units: ug/l



Manual Integration Results

RT: 1.16
Area: 28391
Amount: 4.546126
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:51:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

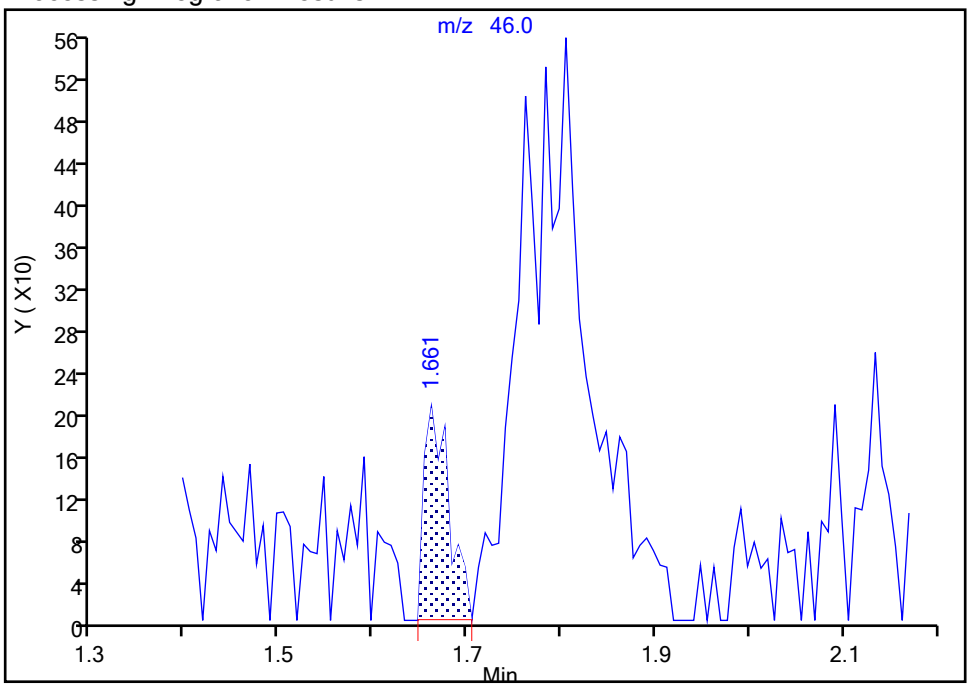
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

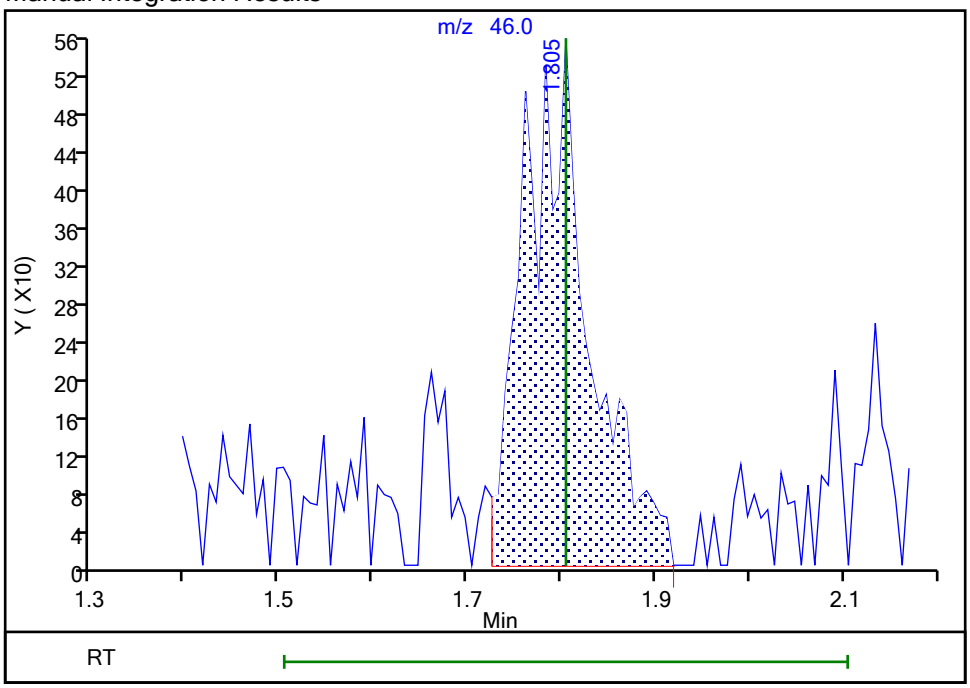
Processing Integration Results

RT: 1.66
Area: 376
Amount: 366.8670
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 2690
Amount: 233.3009
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:37:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

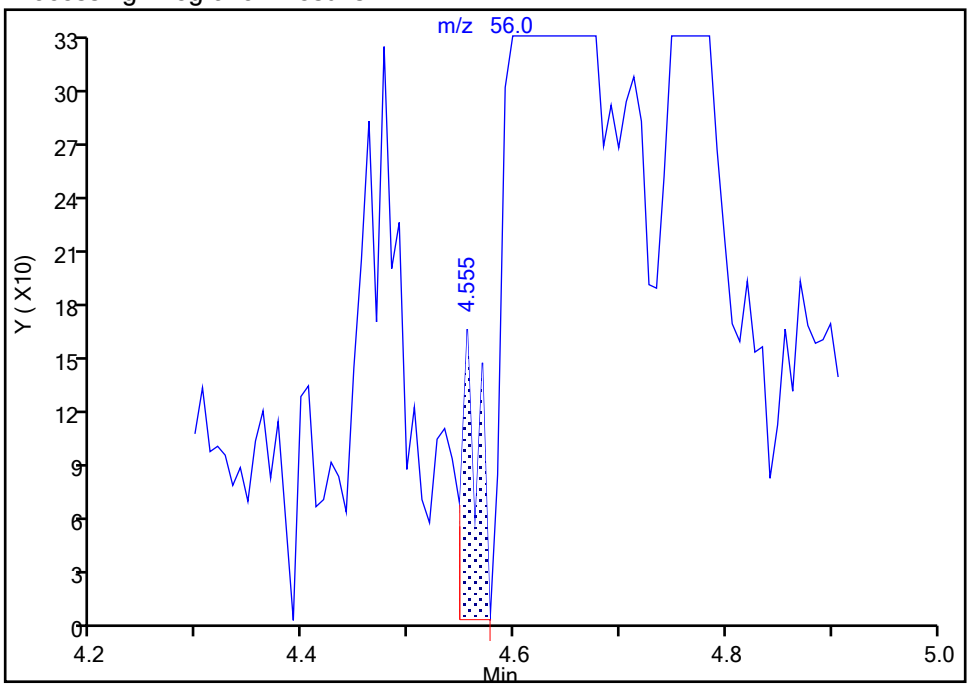
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 n-Butanol, CAS: 71-36-3

Signal: 1

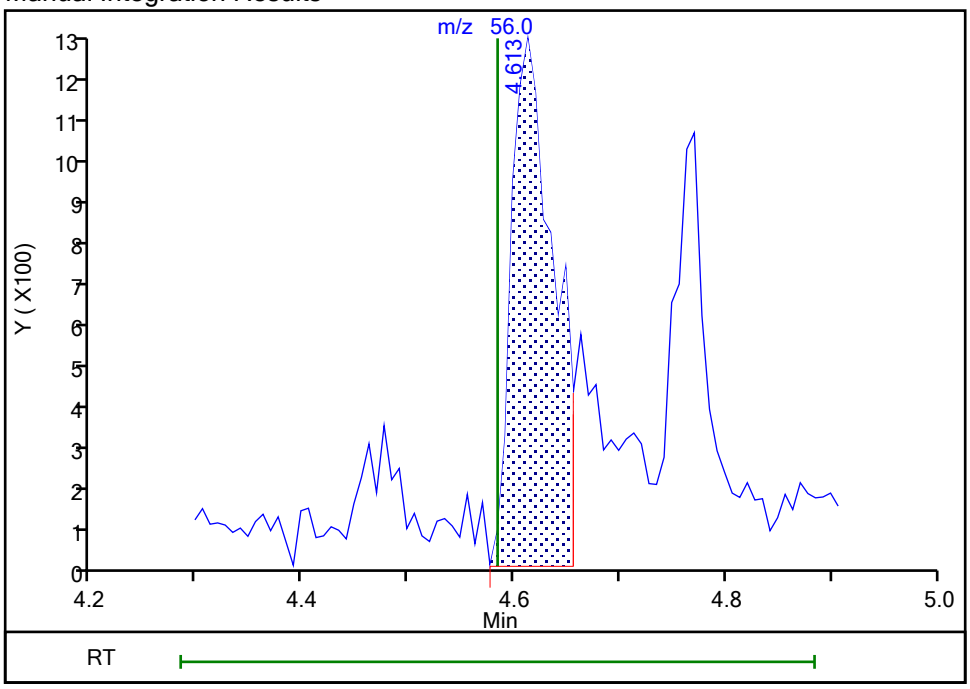
Processing Integration Results

RT: 4.56
Area: 182
Amount: 4.572943
Amount Units: ug/l



Manual Integration Results

RT: 4.61
Area: 3407
Amount: 92.596945
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:52:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

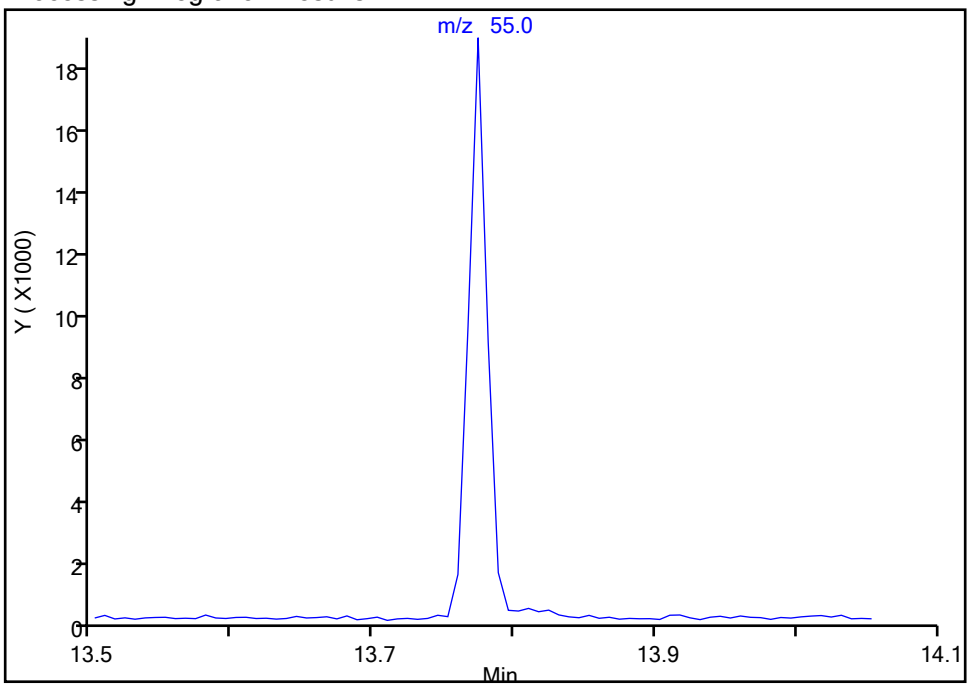
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D
Injection Date: 23-Sep-2023 13:58:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

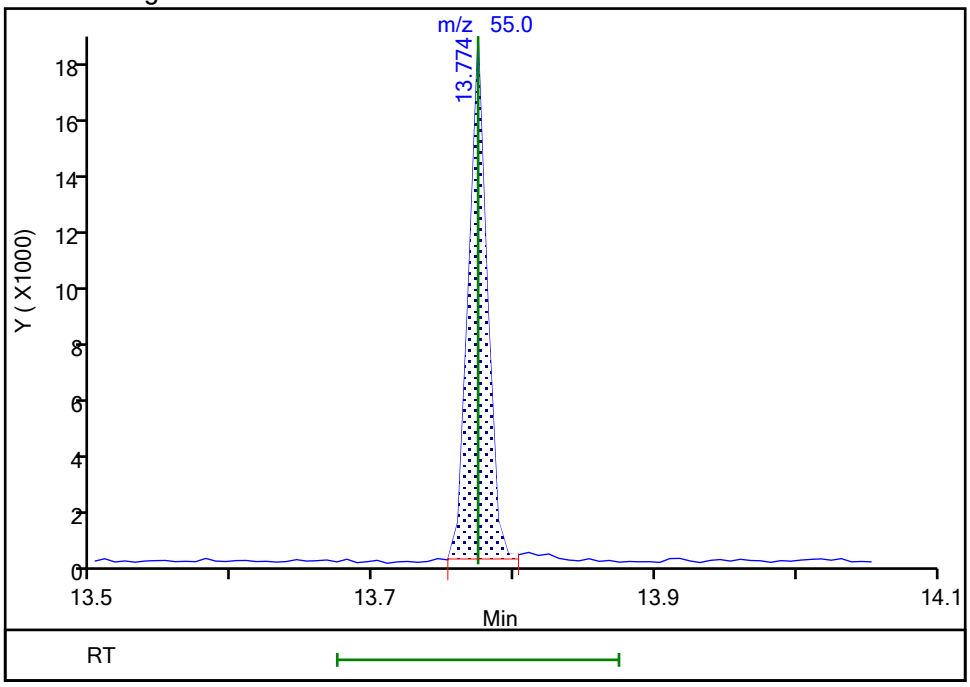
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 16967
Amount: 5.039905
Amount Units: ug/l



Reviewer: W9CM, 24-Sep-2023 08:52:55 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

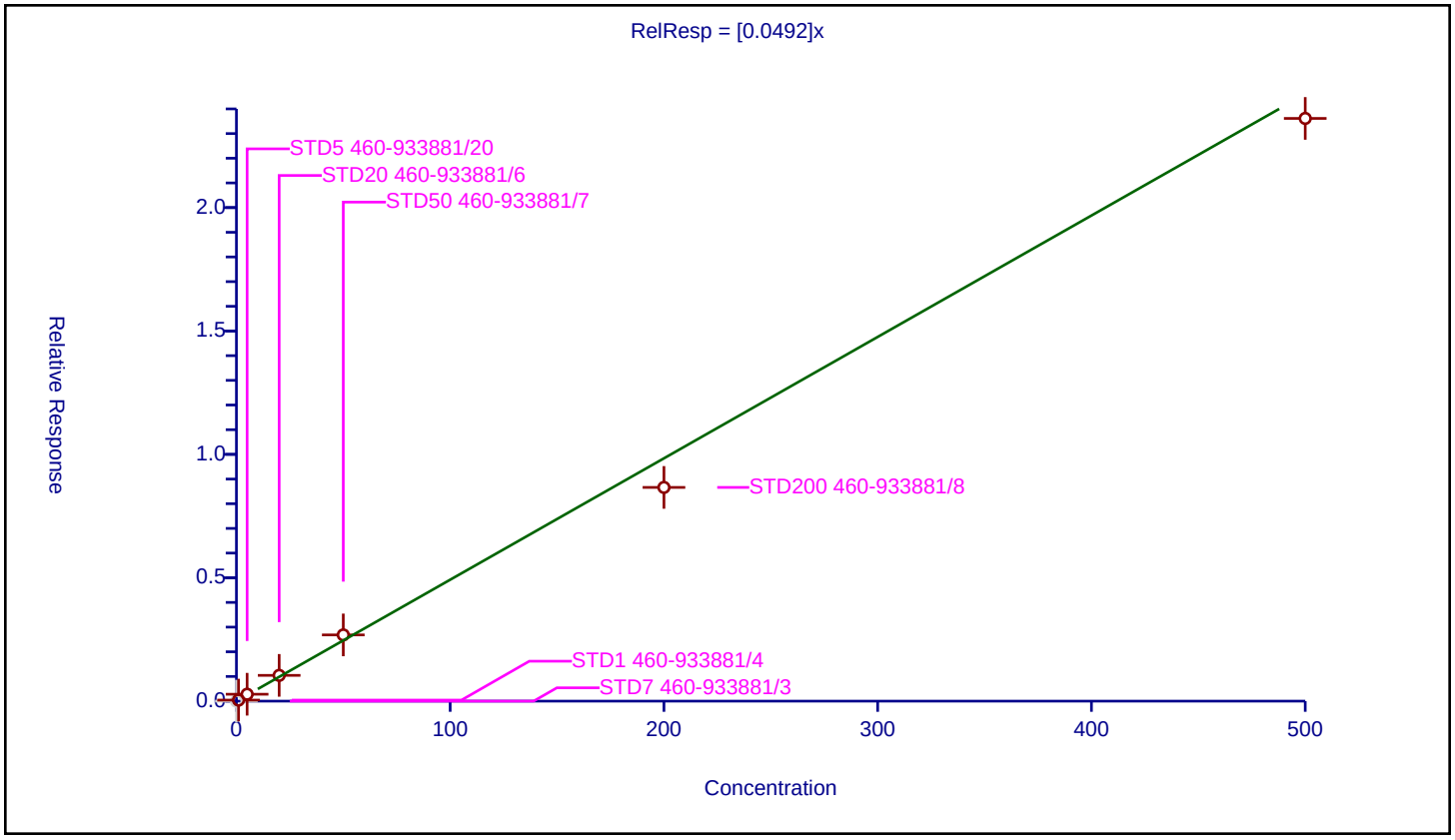
Curve Coefficients

Intercept:	0
Slope:	0.0492

Error Coefficients

Standard Error:	176000
Relative Standard Error:	11.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.042698	50.0	637028.0	0.042698	Y
3	STD5 460-933881/20	5.0	0.280435	50.0	604954.0	0.056087	Y
4	STD20 460-933881/6	20.0	1.04402	50.0	748597.0	0.052201	Y
5	STD50 460-933881/7	50.0	2.683253	50.0	743631.0	0.053665	Y
6	STD200 460-933881/8	200.0	8.660461	50.0	761247.0	0.043302	Y
7	STD500 460-933881/9	500.0	23.613448	50.0	780822.0	0.047227	Y



Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

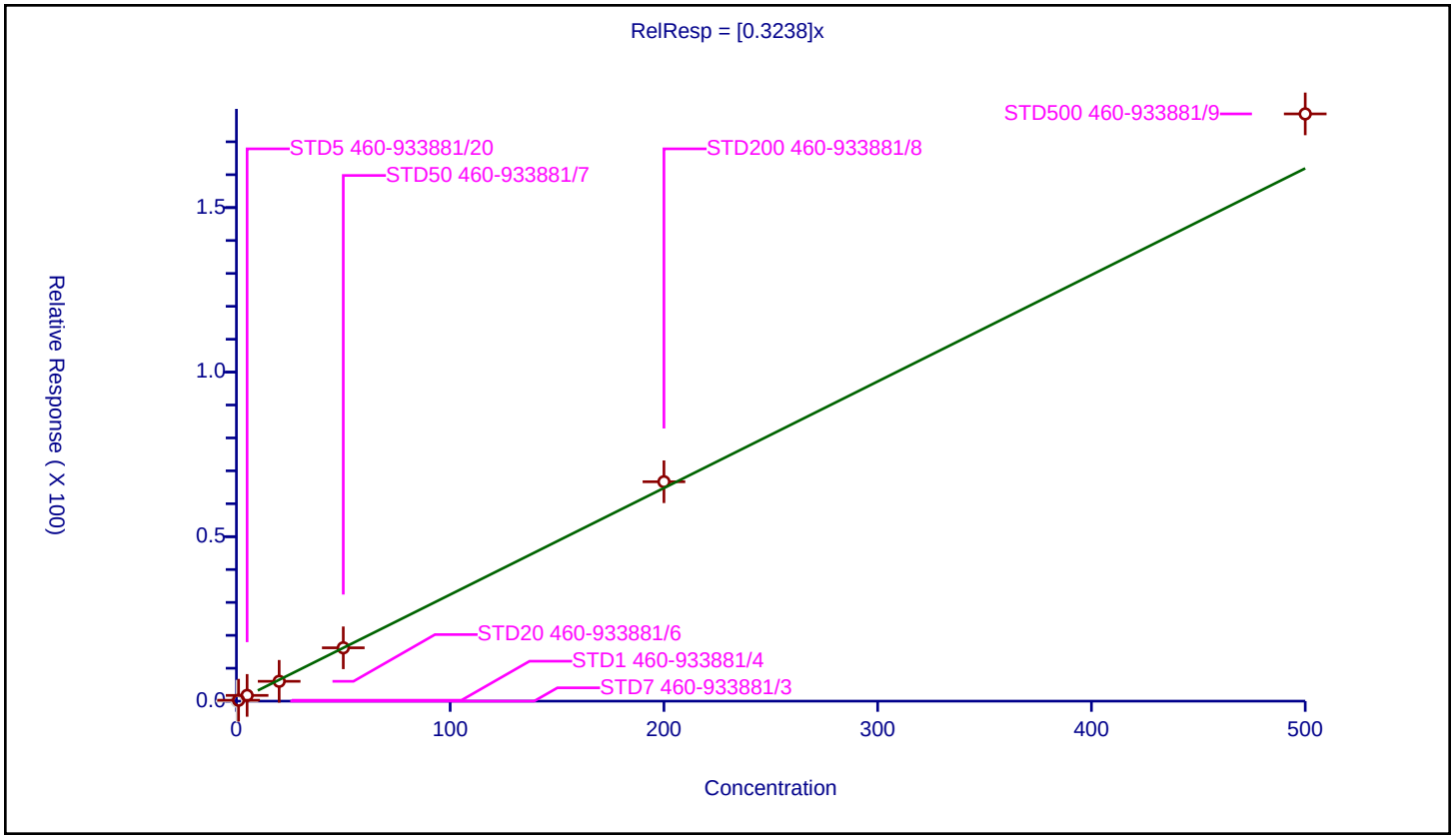
Curve Coefficients

Intercept:	0
Slope:	0.3238

Error Coefficients

Standard Error:	1330000
Relative Standard Error:	9.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.277617	50.0	637028.0	0.277617	Y
3	STD5 460-933881/20	5.0	1.747406	50.0	604954.0	0.349481	Y
4	STD20 460-933881/6	20.0	6.027609	50.0	748597.0	0.30138	Y
5	STD50 460-933881/7	50.0	16.21214	50.0	743631.0	0.324243	Y
6	STD200 460-933881/8	200.0	66.681905	50.0	761247.0	0.33341	Y
7	STD500 460-933881/9	500.0	178.475184	50.0	780822.0	0.35695	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

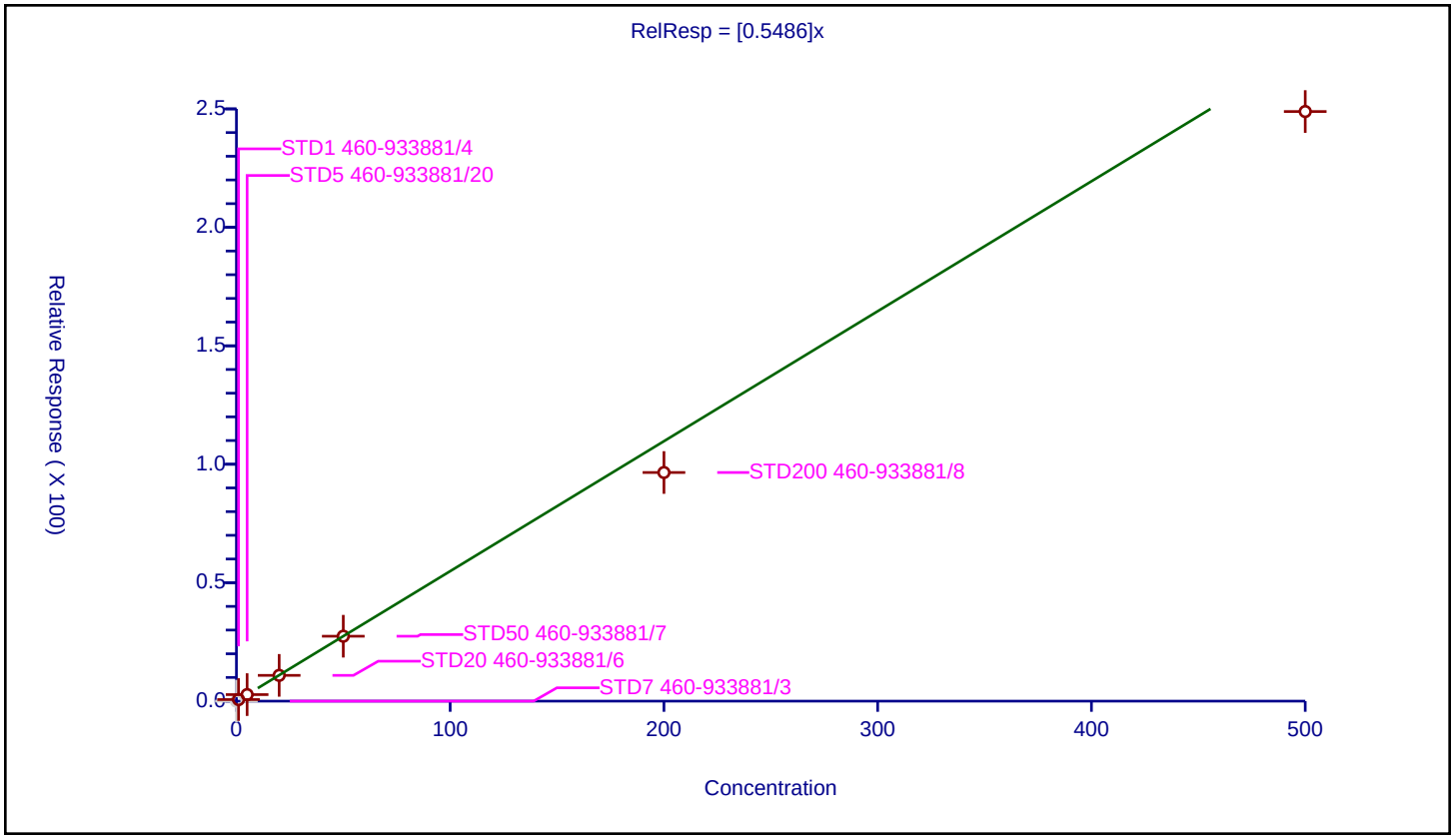
Curve Coefficients

Intercept:	0
Slope:	0.5486

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.666768	50.0	637028.0	0.666768	Y
3	STD5 460-933881/20	5.0	2.762359	50.0	604954.0	0.552472	Y
4	STD20 460-933881/6	20.0	10.88002	50.0	748597.0	0.544001	Y
5	STD50 460-933881/7	50.0	27.405192	50.0	743631.0	0.548104	Y
6	STD200 460-933881/8	200.0	96.508558	50.0	761247.0	0.482543	Y
7	STD500 460-933881/9	500.0	248.889504	50.0	780822.0	0.497779	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

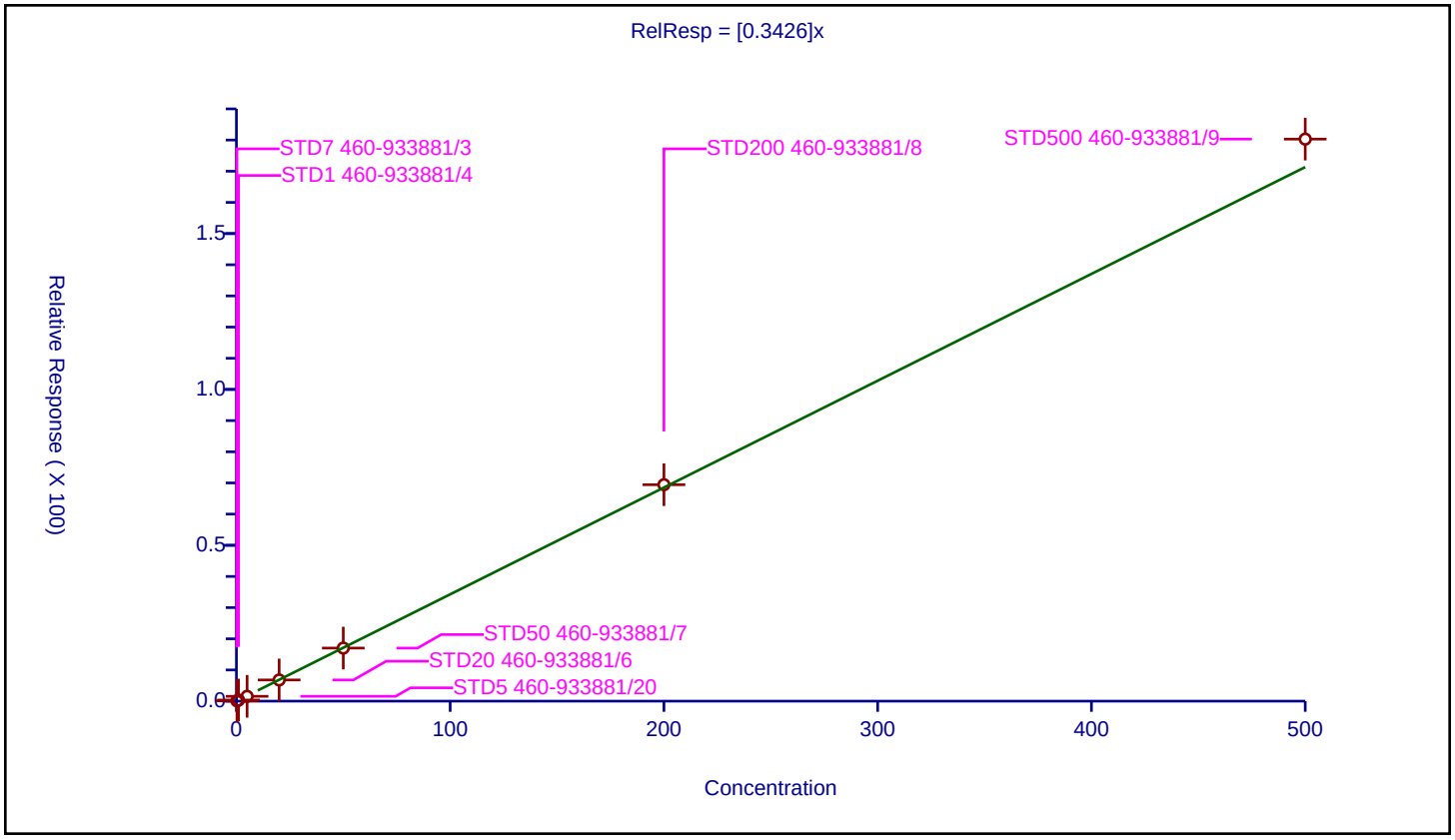
Curve Coefficients

Intercept:	0
Slope:	0.3426

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	4.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.088933	50.0	629689.0	0.355731	Y
2	STD1 460-933881/4	1.0	0.343627	50.0	637028.0	0.343627	Y
3	STD5 460-933881/20	5.0	1.554416	50.0	604954.0	0.310883	Y
4	STD20 460-933881/6	20.0	6.800188	50.0	748597.0	0.340009	Y
5	STD50 460-933881/7	50.0	17.022556	50.0	743631.0	0.340451	Y
6	STD200 460-933881/8	200.0	69.436858	50.0	761247.0	0.347184	Y
7	STD500 460-933881/9	500.0	180.298135	50.0	780822.0	0.360596	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

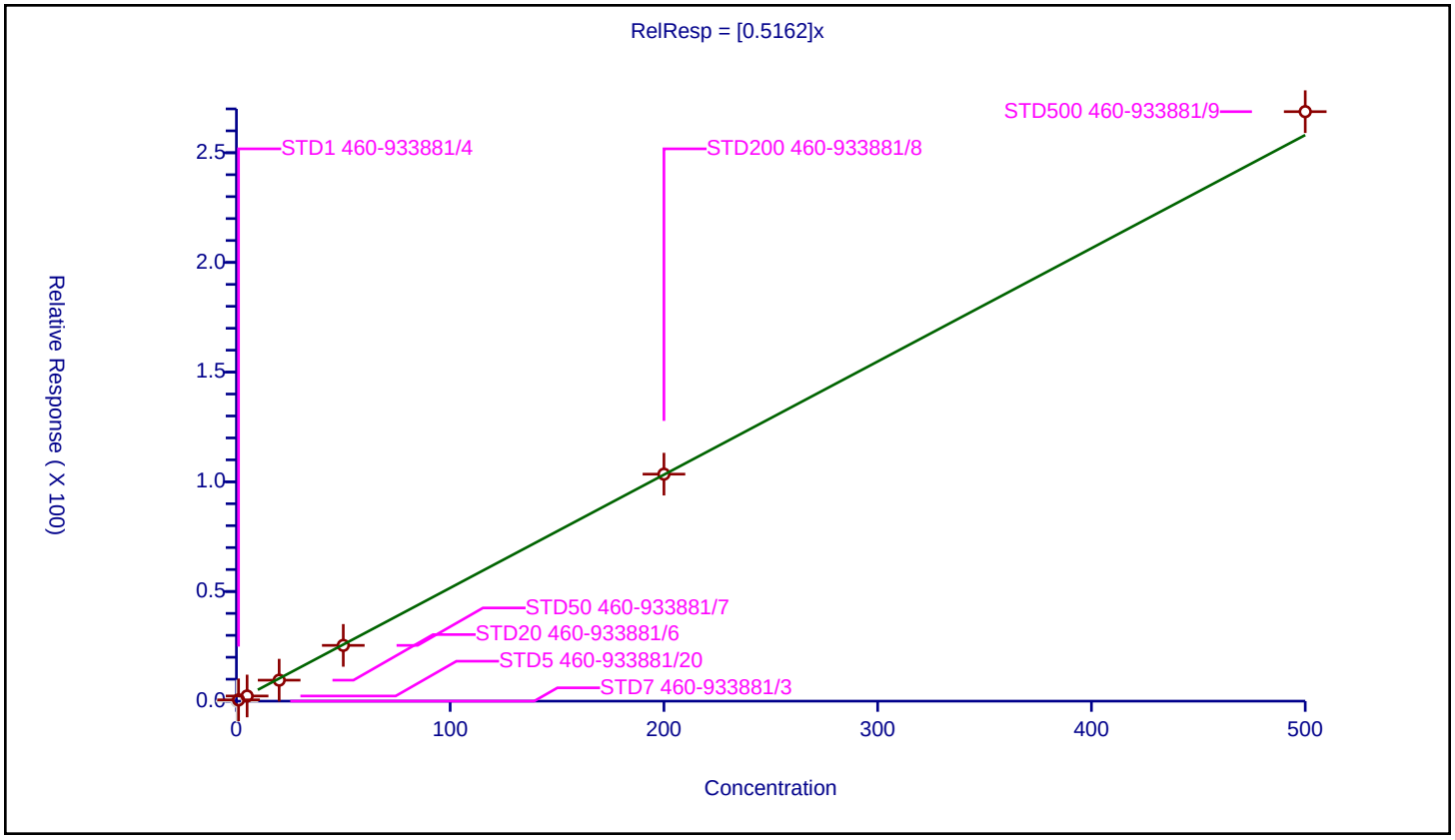
Curve Coefficients

Intercept:	0
Slope:	0.5162

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.586473	50.0	637028.0	0.586473	Y
3	STD5 460-933881/20	5.0	2.346542	50.0	604954.0	0.469308	Y
4	STD20 460-933881/6	20.0	9.55975	50.0	748597.0	0.477987	Y
5	STD50 460-933881/7	50.0	25.415024	50.0	743631.0	0.5083	Y
6	STD200 460-933881/8	200.0	103.485203	50.0	761247.0	0.517426	Y
7	STD500 460-933881/9	500.0	268.741019	50.0	780822.0	0.537482	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

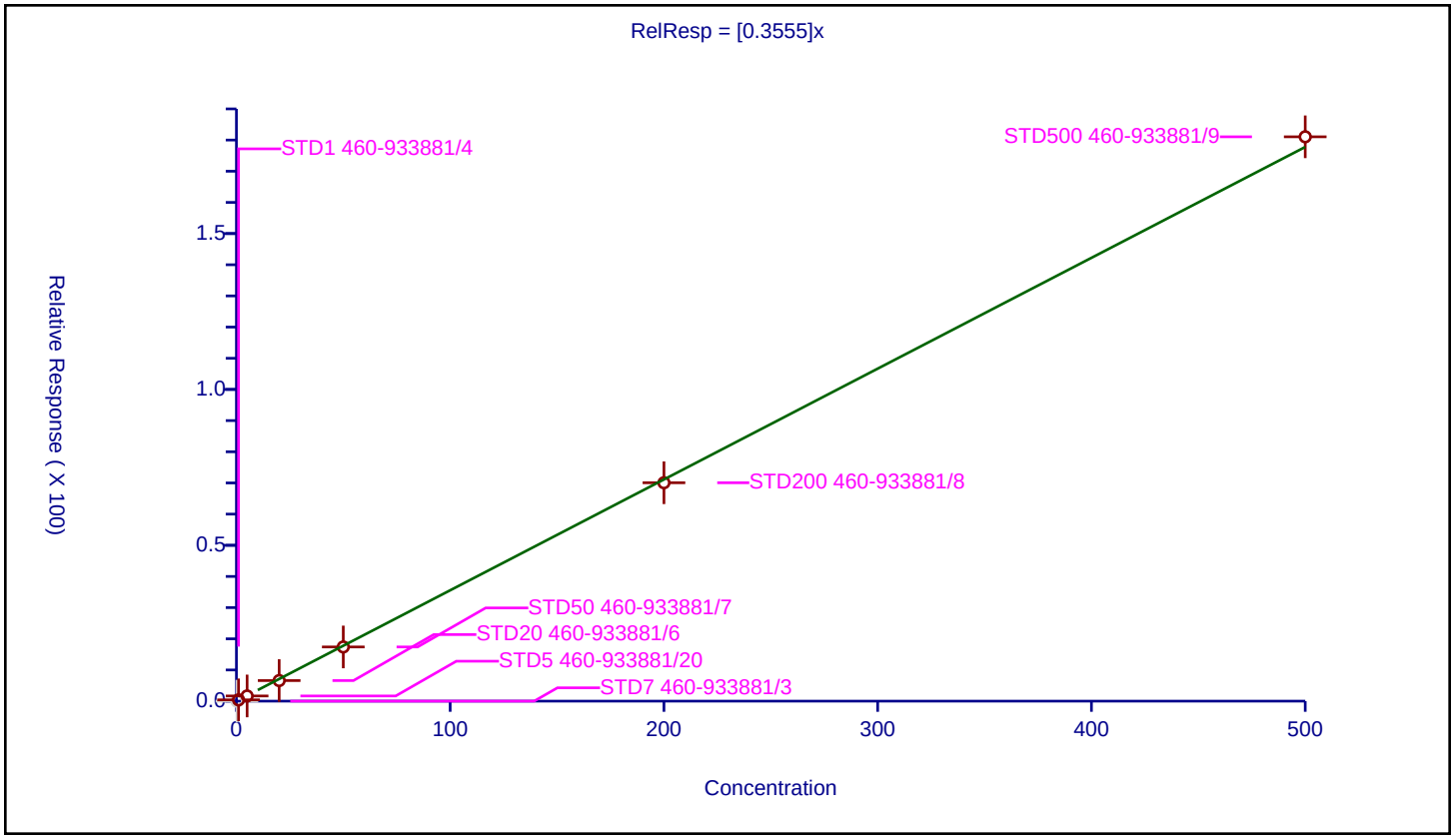
Curve Coefficients

Intercept:	0
Slope:	0.3555

Error Coefficients

Standard Error:	1360000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.410343	50.0	637028.0	0.410343	Y
3	STD5 460-933881/20	5.0	1.664672	50.0	604954.0	0.332934	Y
4	STD20 460-933881/6	20.0	6.597742	50.0	748597.0	0.329887	Y
5	STD50 460-933881/7	50.0	17.386782	50.0	743631.0	0.347736	Y
6	STD200 460-933881/8	200.0	70.061294	50.0	761247.0	0.350306	Y
7	STD500 460-933881/9	500.0	181.04504	50.0	780822.0	0.36209	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

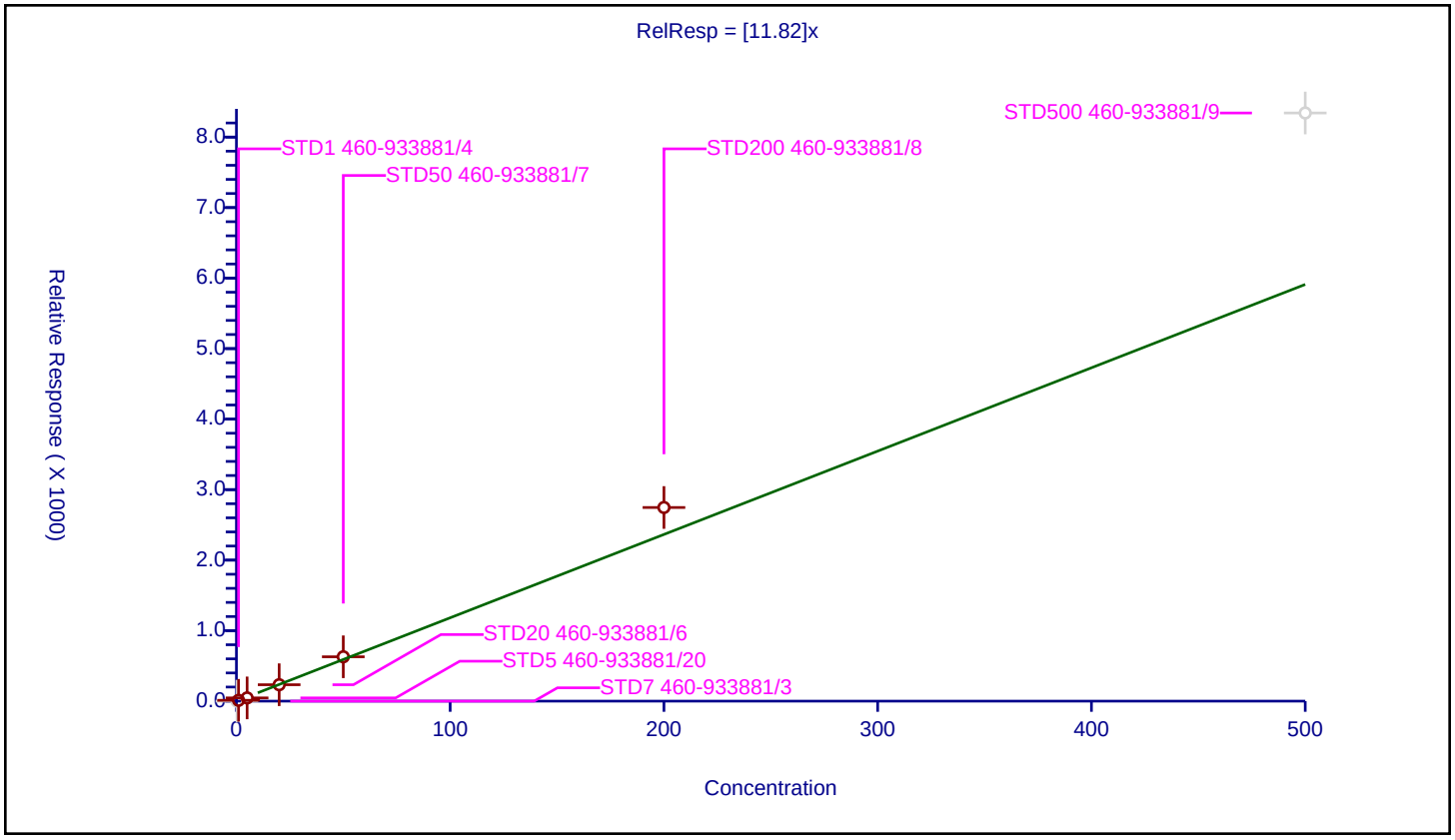
Curve Coefficients

Intercept:	0
Slope:	11.82

Error Coefficients

Standard Error:	239000
Relative Standard Error:	14.2
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	1000.0	135122.0	0.0	N
2	STD1 460-933881/4	1.0	11.976212	1000.0	109634.0	11.976212	Y
3	STD5 460-933881/20	5.0	45.817527	1000.0	125476.0	9.163505	Y
4	STD20 460-933881/6	20.0	233.024657	1000.0	135741.0	11.651233	Y
5	STD50 460-933881/7	50.0	628.978172	1000.0	143439.0	12.579563	Y
6	STD200 460-933881/8	200.0	2746.576541	1000.0	171464.0	13.732883	Y
7	STD500 460-933881/9	500.0	8341.88549	1000.0	170990.0	16.683771	N



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

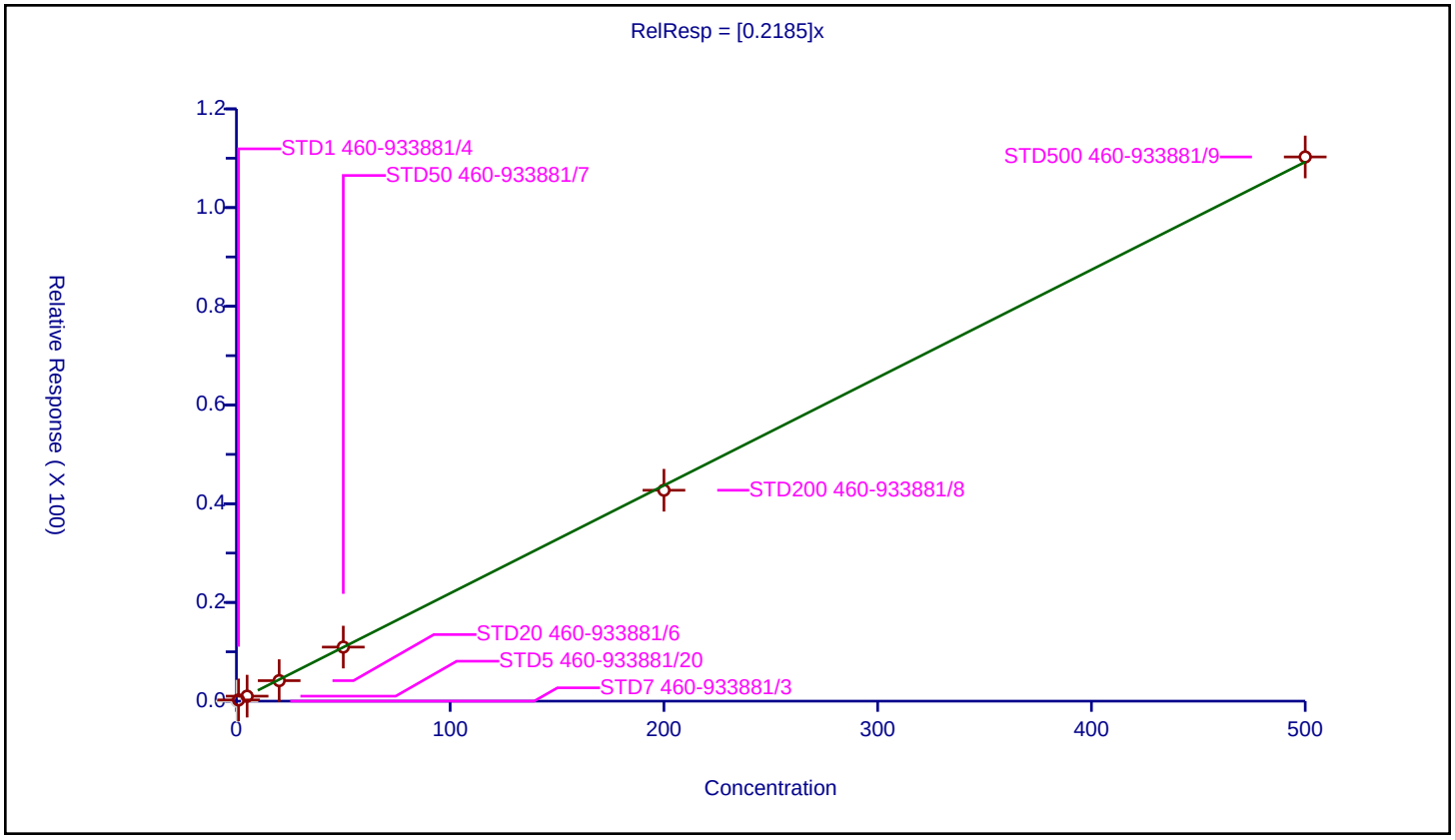
Curve Coefficients

Intercept:	0
Slope:	0.2185

Error Coefficients

Standard Error:	827000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.24732	50.0	637028.0	0.24732	Y
3	STD5 460-933881/20	5.0	1.013796	50.0	604954.0	0.202759	Y
4	STD20 460-933881/6	20.0	4.154839	50.0	748597.0	0.207742	Y
5	STD50 460-933881/7	50.0	10.952139	50.0	743631.0	0.219043	Y
6	STD200 460-933881/8	200.0	42.731072	50.0	761247.0	0.213655	Y
7	STD500 460-933881/9	500.0	110.265912	50.0	780822.0	0.220532	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

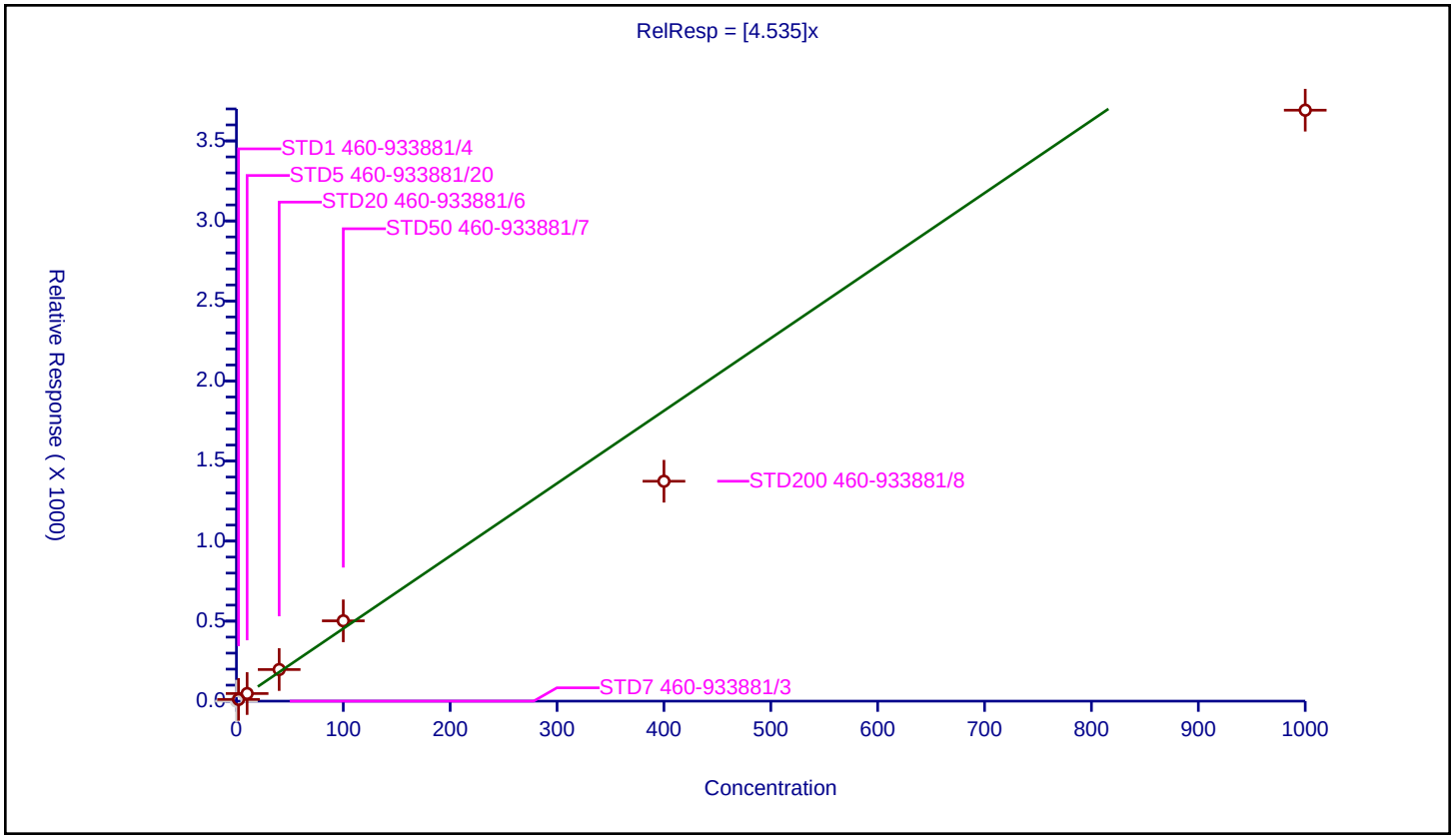
Curve Coefficients

Intercept:	0
Slope:	4.535

Error Coefficients

Standard Error:	301000
Relative Standard Error:	17.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	2.0	10.763084	1000.0	109634.0	5.381542	Y
3	STD5 460-933881/20	10.0	47.467245	1000.0	125476.0	4.746724	Y
4	STD20 460-933881/6	40.0	197.479023	1000.0	135741.0	4.936976	Y
5	STD50 460-933881/7	100.0	501.690614	1000.0	143439.0	5.016906	Y
6	STD200 460-933881/8	400.0	1373.763589	1000.0	171464.0	3.434409	Y
7	STD500 460-933881/9	1000.0	3692.087257	1000.0	170990.0	3.692087	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

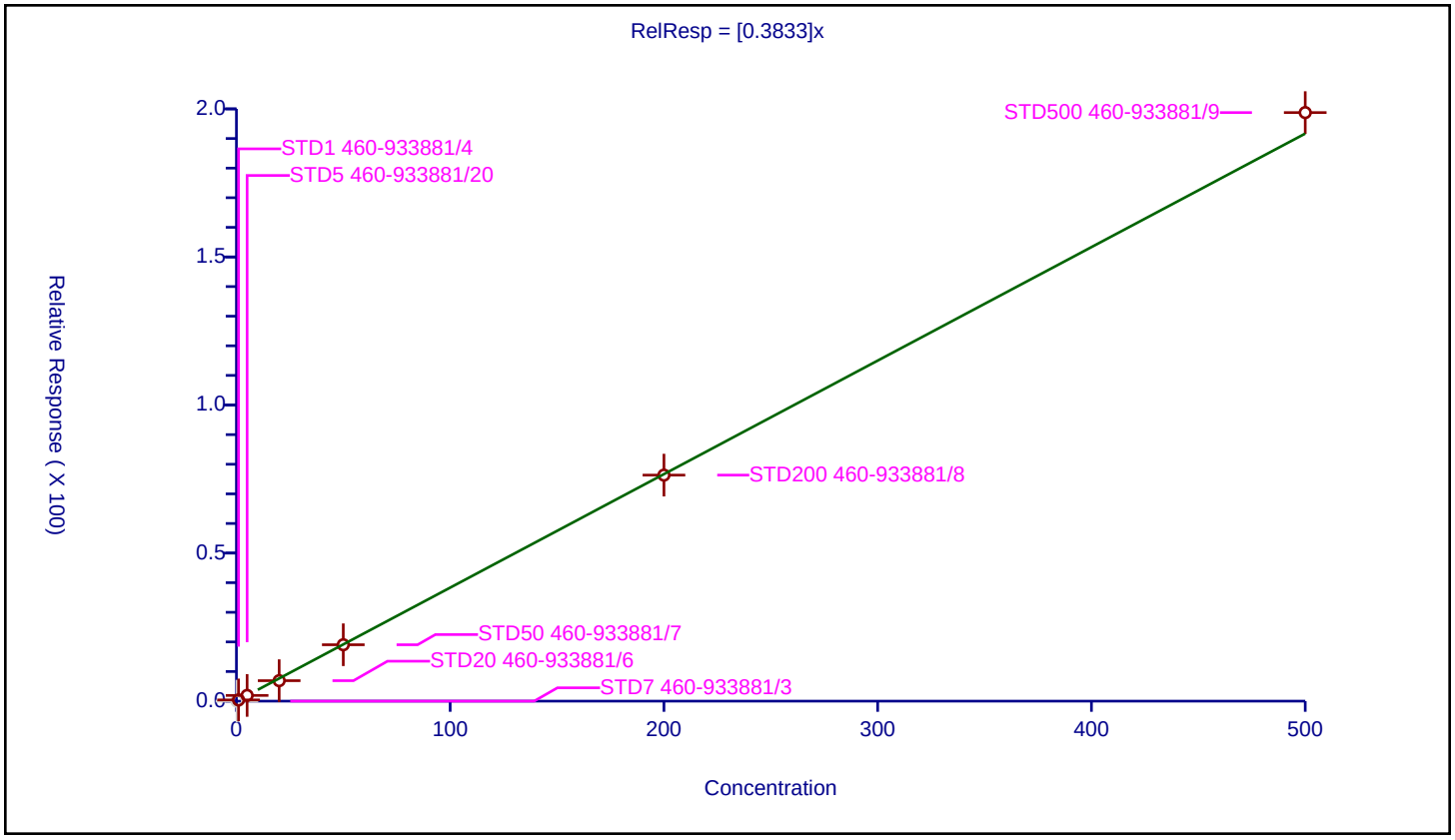
Curve Coefficients

Intercept:	0
Slope:	0.3833

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.408067	50.0	637028.0	0.408067	Y
3	STD5 460-933881/20	5.0	1.931139	50.0	604954.0	0.386228	Y
4	STD20 460-933881/6	20.0	6.912531	50.0	748597.0	0.345627	Y
5	STD50 460-933881/7	50.0	19.041904	50.0	743631.0	0.380838	Y
6	STD200 460-933881/8	200.0	76.325358	50.0	761247.0	0.381627	Y
7	STD500 460-933881/9	500.0	198.745553	50.0	780822.0	0.397491	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

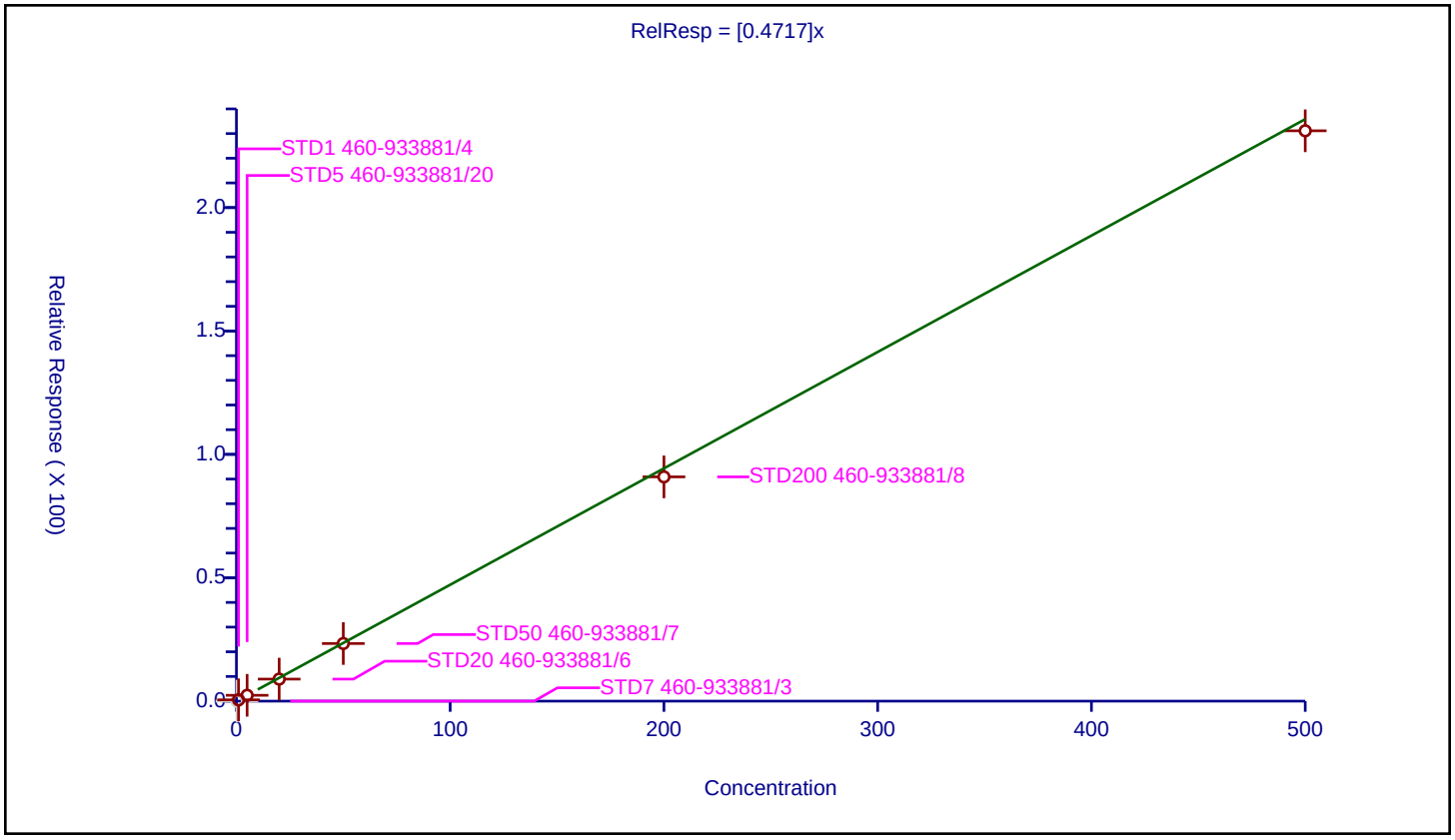
Curve Coefficients

Intercept:	0
Slope:	0.4717

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.25	0.0	50.0	629689.0	0.0	N
2	STD1 460-933881/4	1.0	0.525173	50.0	637028.0	0.525173	Y
3	STD5 460-933881/20	5.0	2.371668	50.0	604954.0	0.474334	Y
4	STD20 460-933881/6	20.0	8.933912	50.0	748597.0	0.446696	Y
5	STD50 460-933881/7	50.0	23.352644	50.0	743631.0	0.467053	Y
6	STD200 460-933881/8	200.0	90.880358	50.0	761247.0	0.454402	Y
7	STD500 460-933881/9	500.0	231.131743	50.0	780822.0	0.462263	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

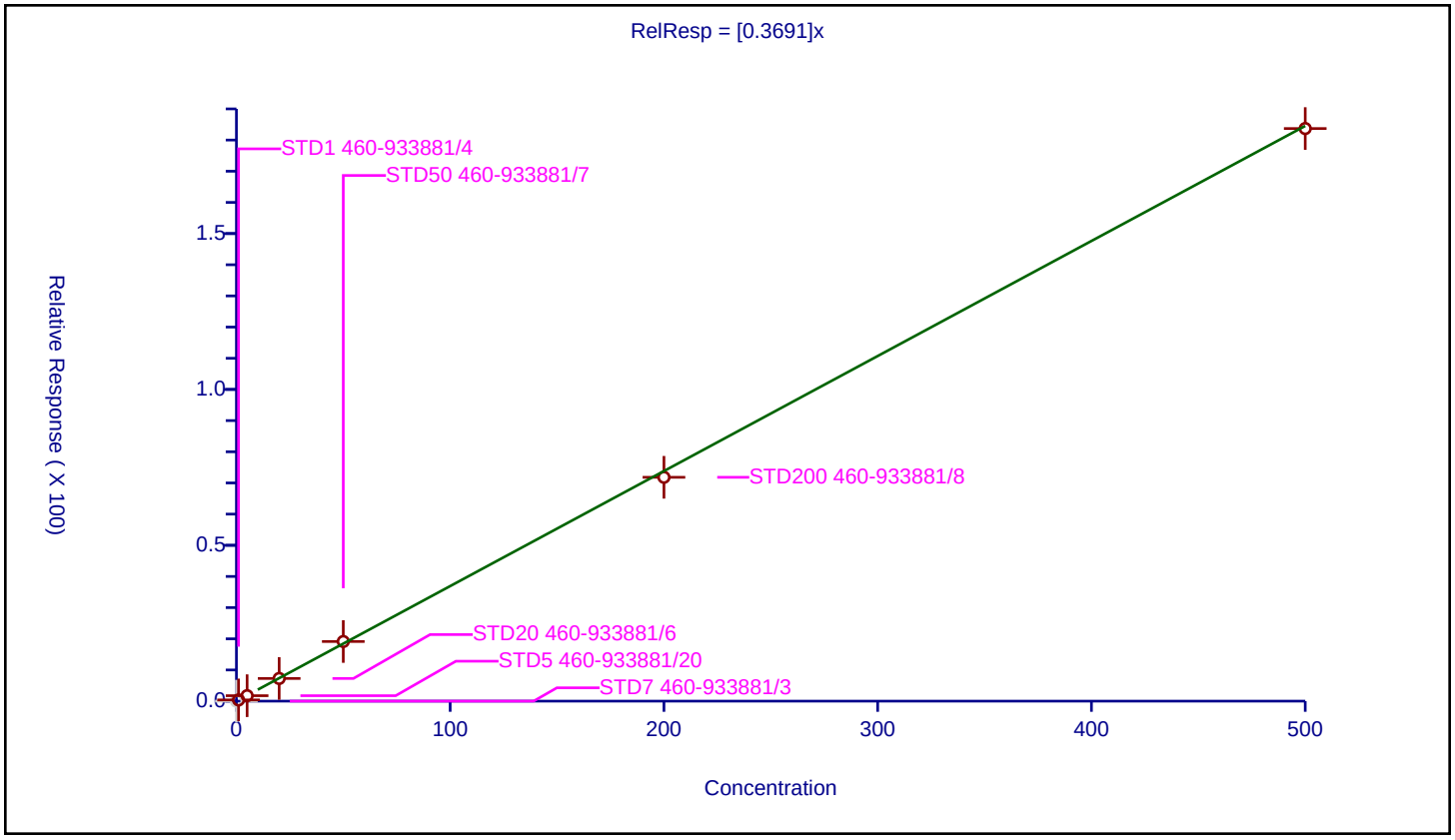
Curve Coefficients

Intercept:	0
Slope:	0.3691

Error Coefficients

Standard Error:	1380000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.391741	50.0	637028.0	0.391741	Y
3	STD5 460-933881/20	5.0	1.749389	50.0	604954.0	0.349878	Y
4	STD20 460-933881/6	20.0	7.271469	50.0	748597.0	0.363573	Y
5	STD50 460-933881/7	50.0	19.135297	50.0	743631.0	0.382706	Y
6	STD200 460-933881/8	200.0	71.813222	50.0	761247.0	0.359066	Y
7	STD500 460-933881/9	500.0	183.697885	50.0	780822.0	0.367396	Y



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

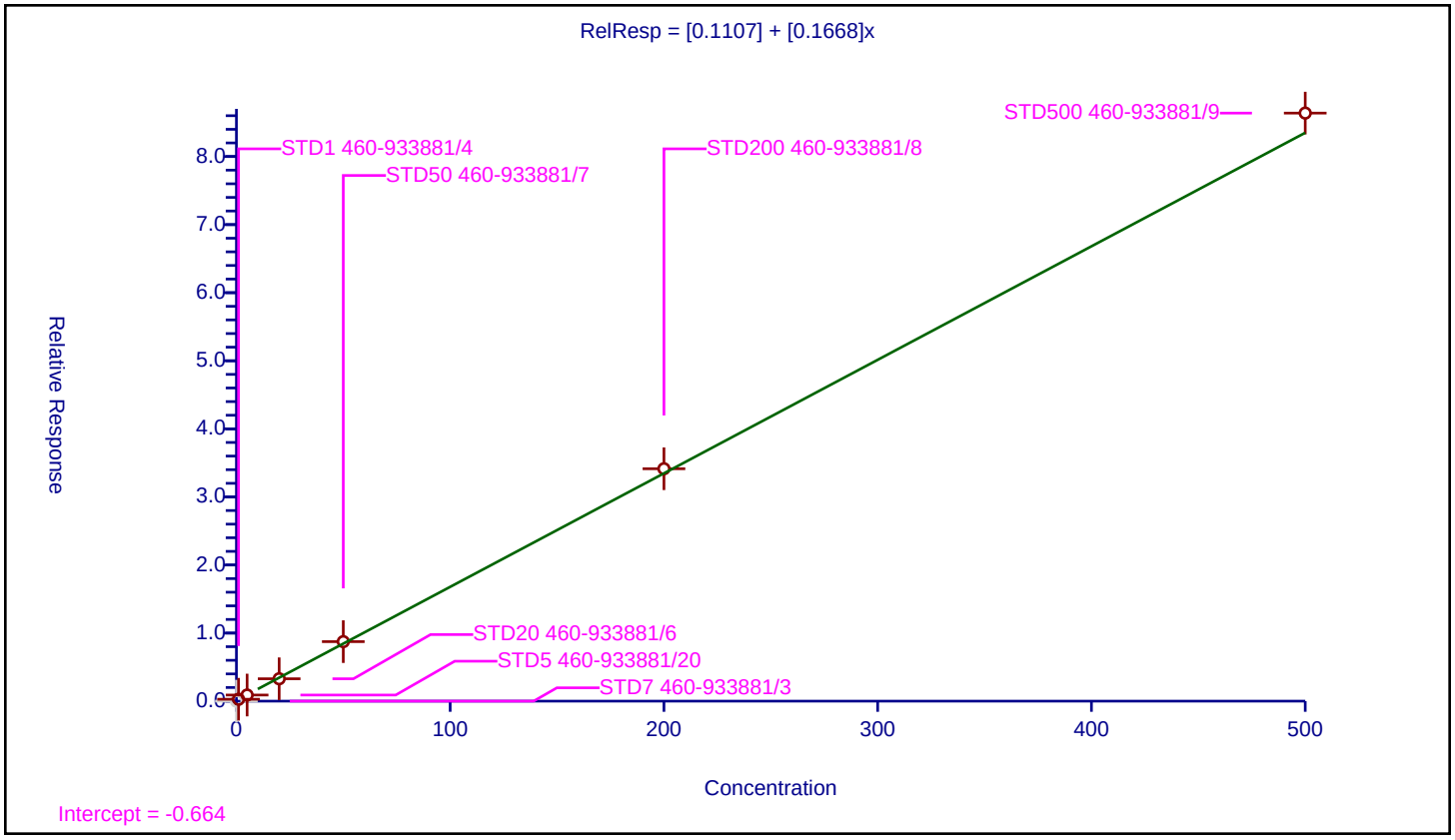
Curve Coefficients

Intercept:	0.1107
Slope:	0.1668

Error Coefficients

Standard Error:	726000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.27958	50.0	637028.0	0.27958	Y
3	STD5 460-933881/20	5.0	0.898333	50.0	604954.0	0.179667	Y
4	STD20 460-933881/6	20.0	3.287884	50.0	748597.0	0.164394	Y
5	STD50 460-933881/7	50.0	8.742037	50.0	743631.0	0.174841	Y
6	STD200 460-933881/8	200.0	34.140167	50.0	761247.0	0.170701	Y
7	STD500 460-933881/9	500.0	86.379866	50.0	780822.0	0.17276	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

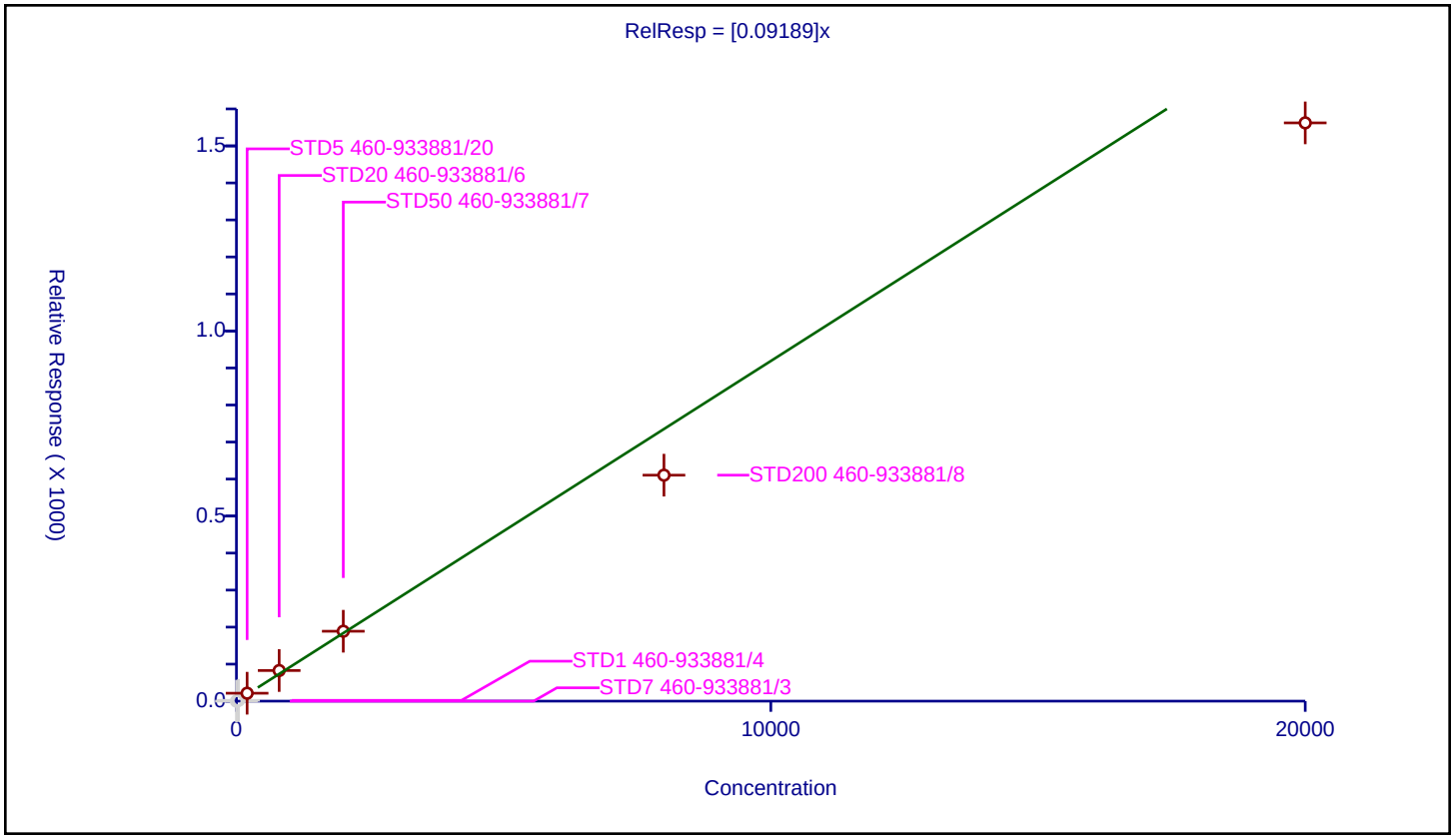
Curve Coefficients

Intercept:	0
Slope:	0.09189

Error Coefficients

Standard Error:	143000
Relative Standard Error:	15.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	40.0	2.125253	1000.0	109634.0	0.053131	N
3	STD5 460-933881/20	200.0	21.438363	1000.0	125476.0	0.107192	Y
4	STD20 460-933881/6	800.0	82.73845	1000.0	135741.0	0.103423	Y
5	STD50 460-933881/7	2000.0	188.832884	1000.0	143439.0	0.094416	Y
6	STD200 460-933881/8	8000.0	610.524658	1000.0	171464.0	0.076316	Y
7	STD500 460-933881/9	20000.0	1562.208316	1000.0	170990.0	0.07811	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

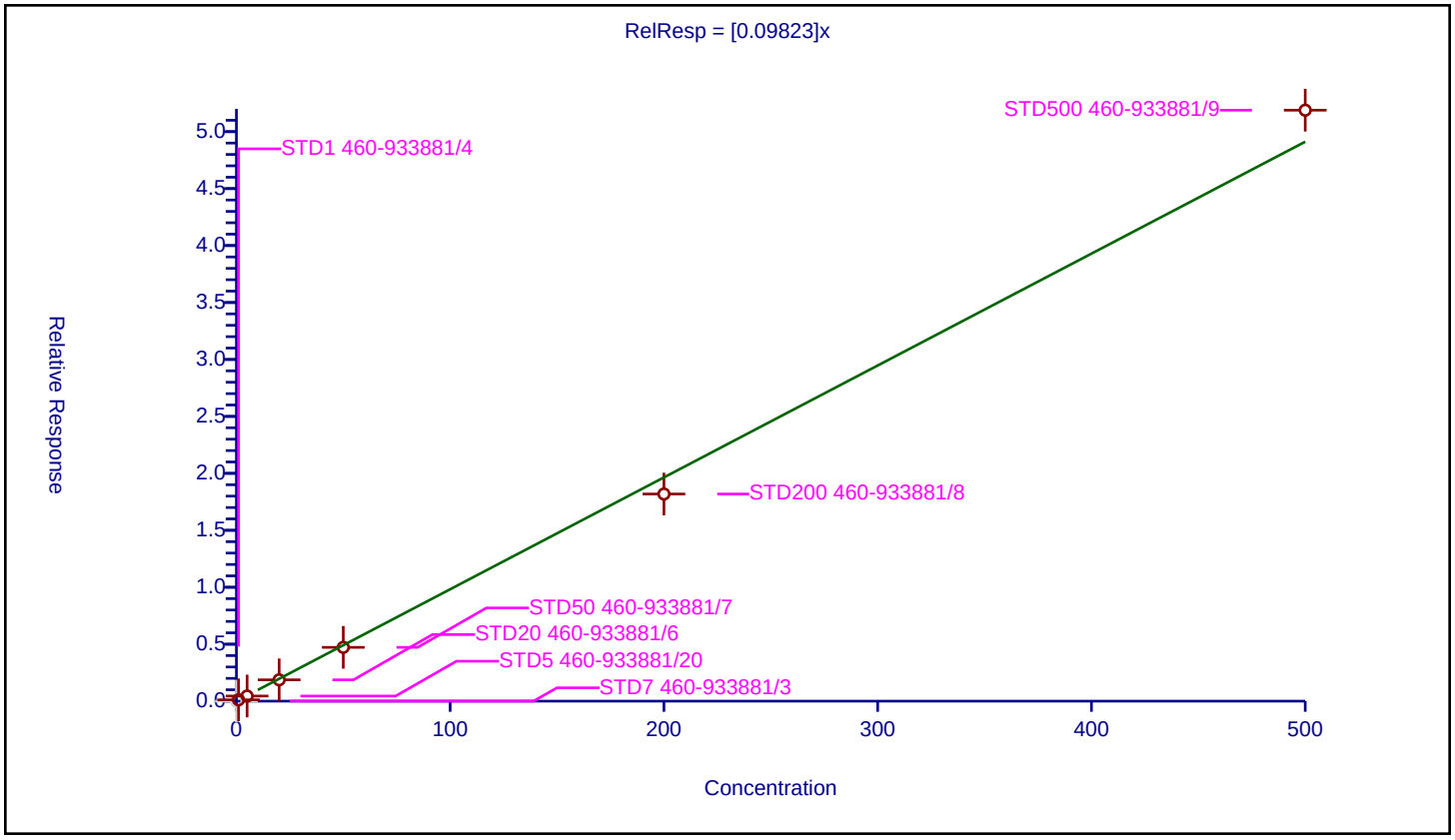
Curve Coefficients

Intercept:	0
Slope:	0.09823

Error Coefficients

Standard Error:	384000
Relative Standard Error:	10.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.116714	50.0	637028.0	0.116714	Y
3	STD5 460-933881/20	5.0	0.449621	50.0	604954.0	0.089924	Y
4	STD20 460-933881/6	20.0	1.871701	50.0	748597.0	0.093585	Y
5	STD50 460-933881/7	50.0	4.7221	50.0	743631.0	0.094442	Y
6	STD200 460-933881/8	200.0	18.185556	50.0	761247.0	0.090928	Y
7	STD500 460-933881/9	500.0	51.884809	50.0	780822.0	0.10377	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

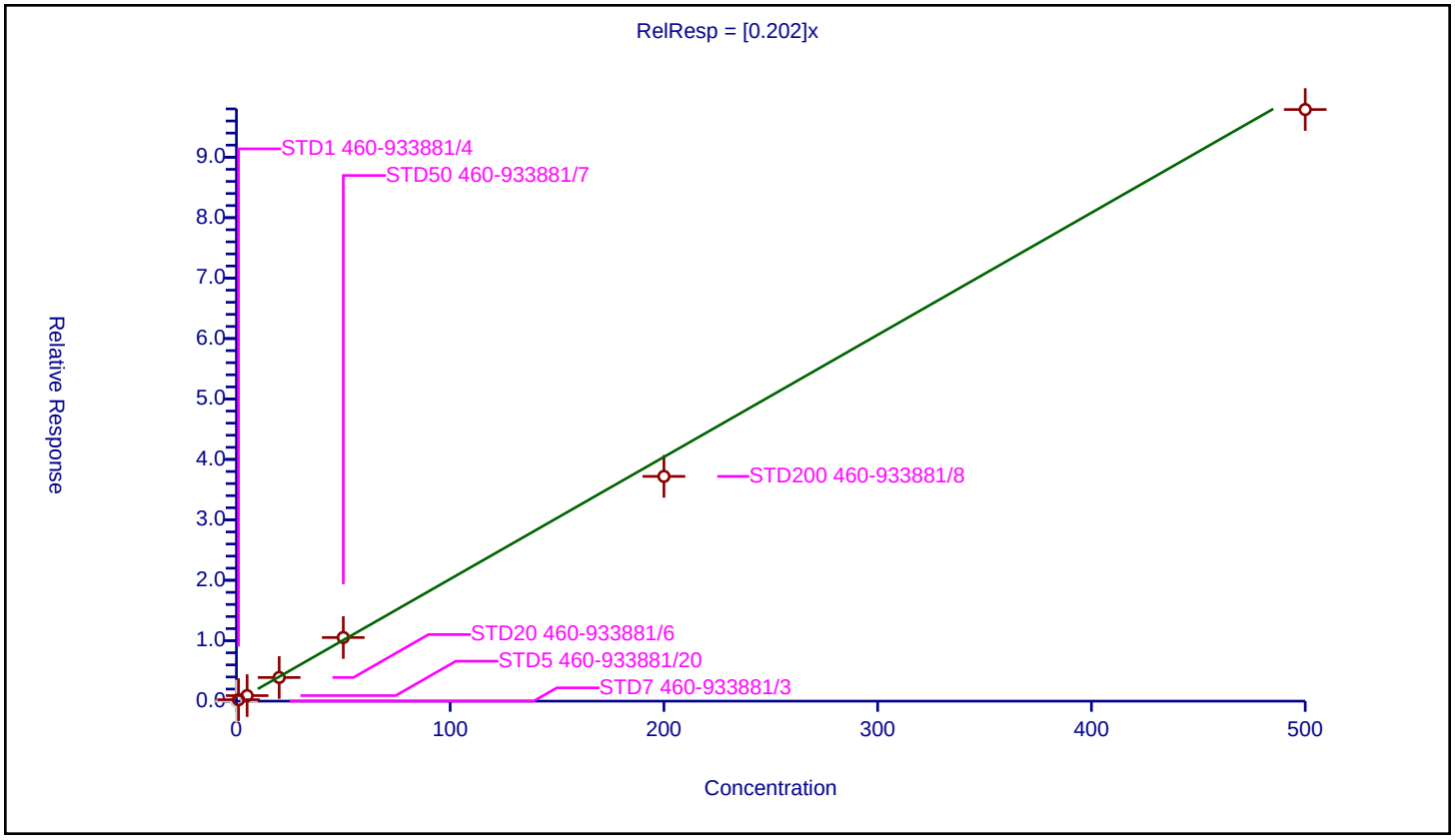
Curve Coefficients

Intercept:	0
Slope:	0.202

Error Coefficients

Standard Error:	733000
Relative Standard Error:	10.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.241591	50.0	637028.0	0.241591	Y
3	STD5 460-933881/20	5.0	0.913293	50.0	604954.0	0.182659	Y
4	STD20 460-933881/6	20.0	3.913387	50.0	748597.0	0.195669	Y
5	STD50 460-933881/7	50.0	10.526323	50.0	743631.0	0.210526	Y
6	STD200 460-933881/8	200.0	37.191542	50.0	761247.0	0.185958	Y
7	STD500 460-933881/9	500.0	97.892605	50.0	780822.0	0.195785	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

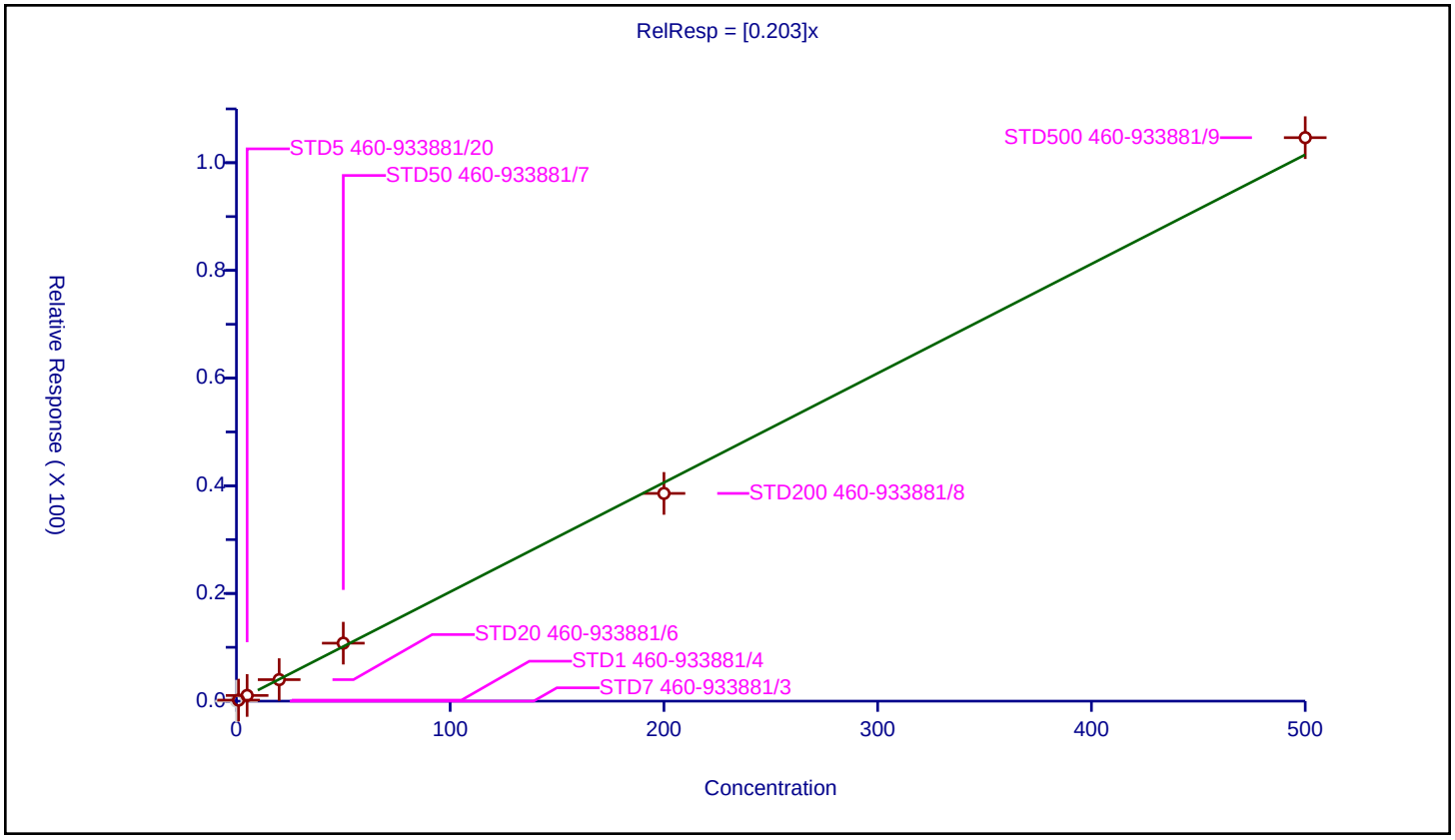
Curve Coefficients

Intercept:	0
Slope:	0.203

Error Coefficients

Standard Error:	780000
Relative Standard Error:	5.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.189395	50.0	637028.0	0.189395	Y
3	STD5 460-933881/20	5.0	1.056857	50.0	604954.0	0.211371	Y
4	STD20 460-933881/6	20.0	3.992335	50.0	748597.0	0.199617	Y
5	STD50 460-933881/7	50.0	10.765756	50.0	743631.0	0.215315	Y
6	STD200 460-933881/8	200.0	38.58406	50.0	761247.0	0.19292	Y
7	STD500 460-933881/9	500.0	104.65804	50.0	780822.0	0.209316	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

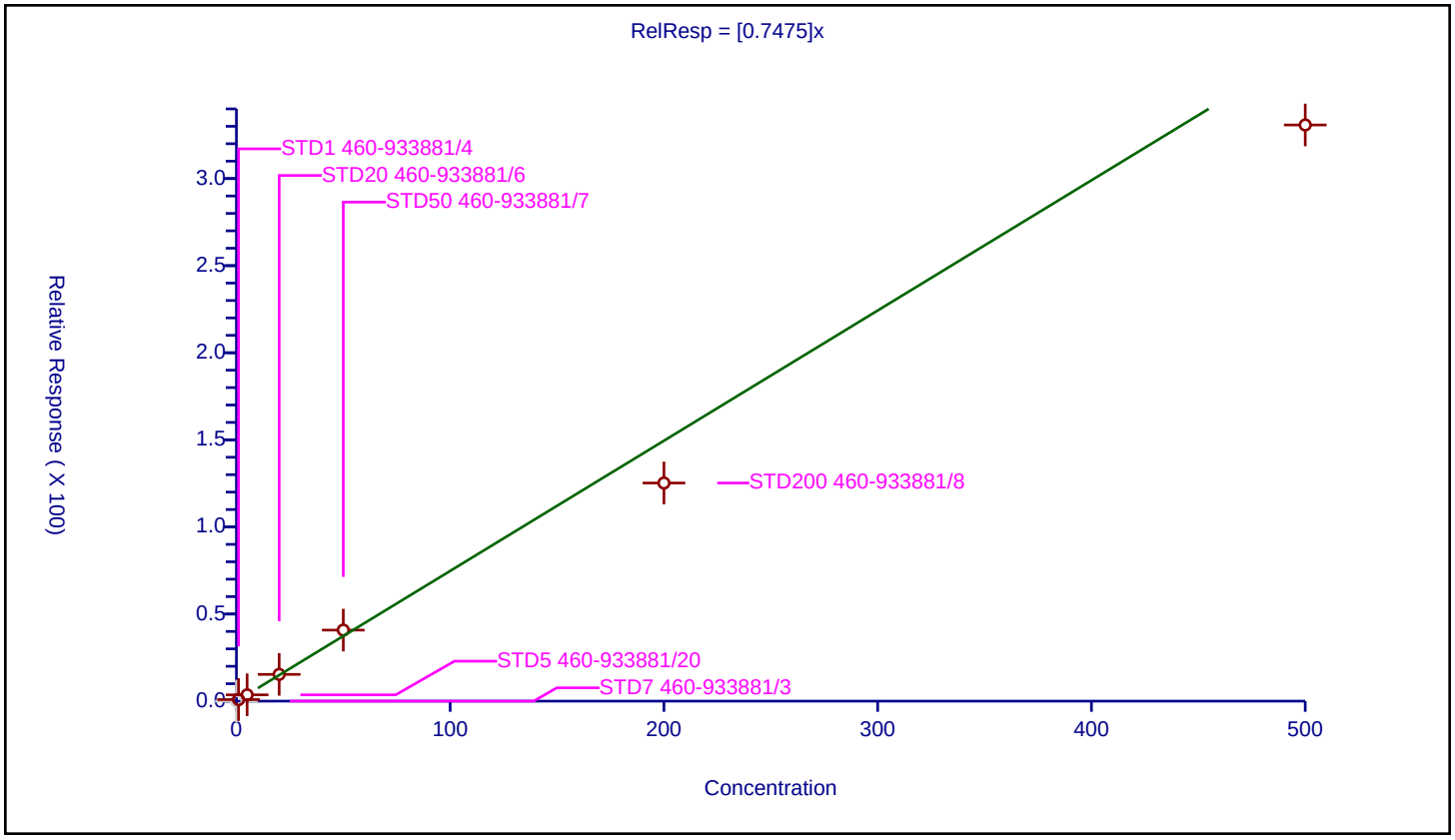
Curve Coefficients

Intercept:	0
Slope:	0.7475

Error Coefficients

Standard Error:	2480000
Relative Standard Error:	13.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.891641	50.0	637028.0	0.891641	Y
3	STD5 460-933881/20	5.0	3.609117	50.0	604954.0	0.721823	Y
4	STD20 460-933881/6	20.0	15.36374	50.0	748597.0	0.768187	Y
5	STD50 460-933881/7	50.0	40.792207	50.0	743631.0	0.815844	Y
6	STD200 460-933881/8	200.0	125.219804	50.0	761247.0	0.626099	Y
7	STD500 460-933881/9	500.0	330.759571	50.0	780822.0	0.661519	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

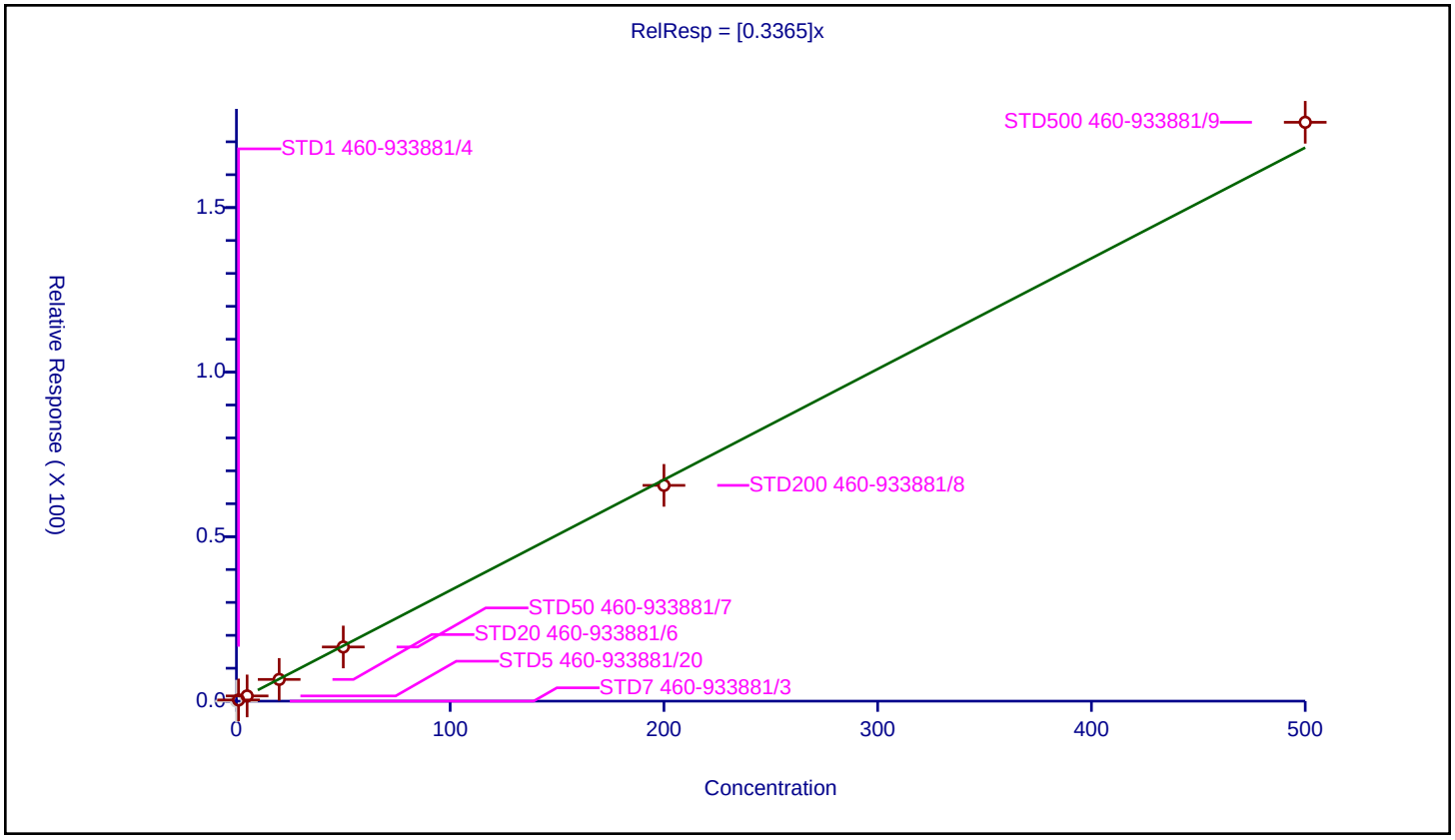
Curve Coefficients

Intercept:	0
Slope:	0.3365

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.363092	50.0	637028.0	0.363092	Y
3	STD5 460-933881/20	5.0	1.583757	50.0	604954.0	0.316751	Y
4	STD20 460-933881/6	20.0	6.599078	50.0	748597.0	0.329954	Y
5	STD50 460-933881/7	50.0	16.458902	50.0	743631.0	0.329178	Y
6	STD200 460-933881/8	200.0	65.580751	50.0	761247.0	0.327904	Y
7	STD500 460-933881/9	500.0	175.925627	50.0	780822.0	0.351851	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

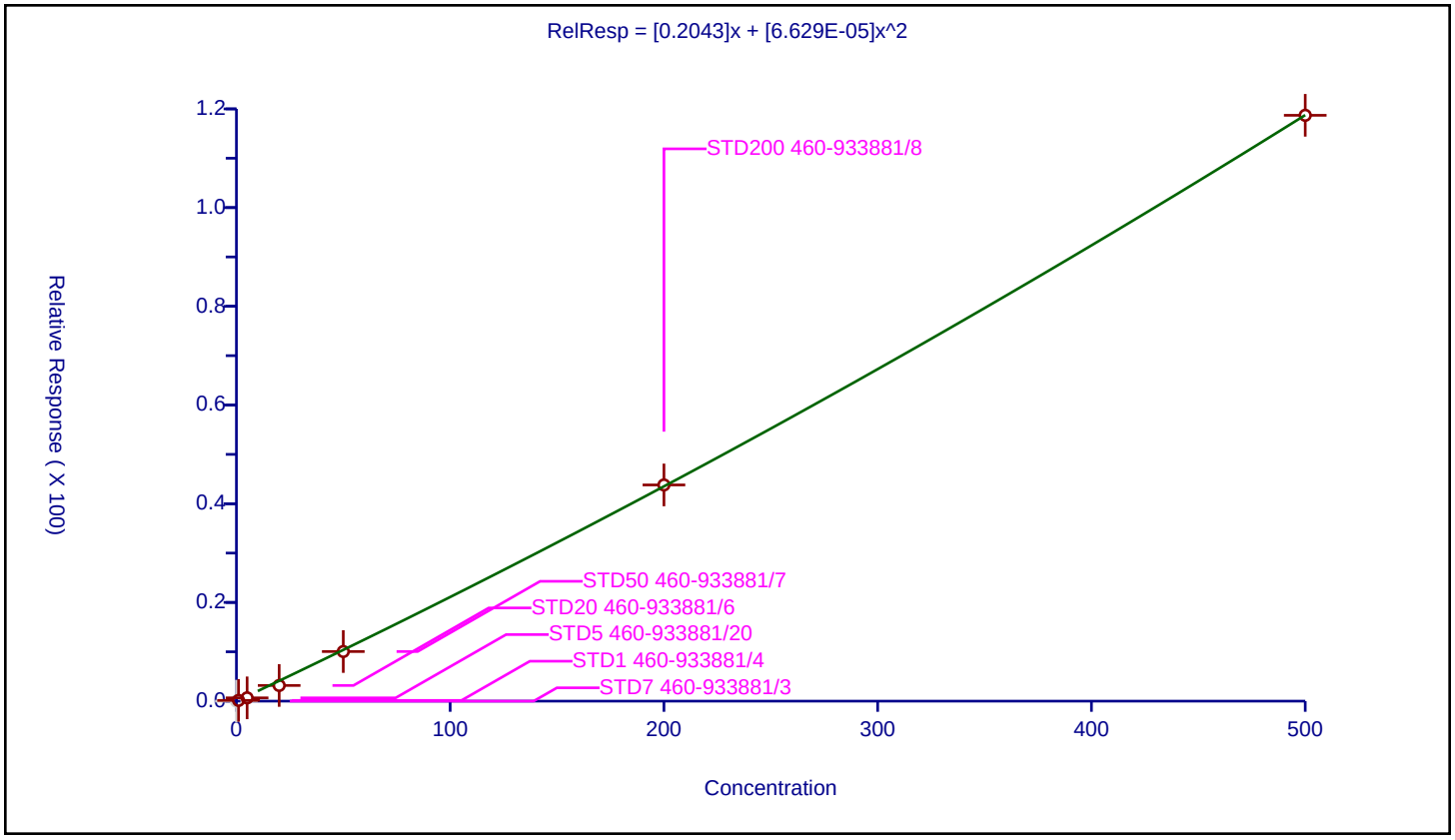
Curve Coefficients

Intercept:	0
Slope:	0.2043
Second Order:	6.629E-05

Error Coefficients

Standard Error:	988000
Relative Standard Error:	25.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.147639	50.0	637028.0	0.147639	Y
3	STD5 460-933881/20	5.0	0.666166	50.0	604954.0	0.133233	Y
4	STD20 460-933881/6	20.0	3.174672	50.0	748597.0	0.158734	Y
5	STD50 460-933881/7	50.0	10.05223	50.0	743631.0	0.201045	Y
6	STD200 460-933881/8	200.0	43.808777	50.0	761247.0	0.219044	Y
7	STD500 460-933881/9	500.0	118.700613	50.0	780822.0	0.237401	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

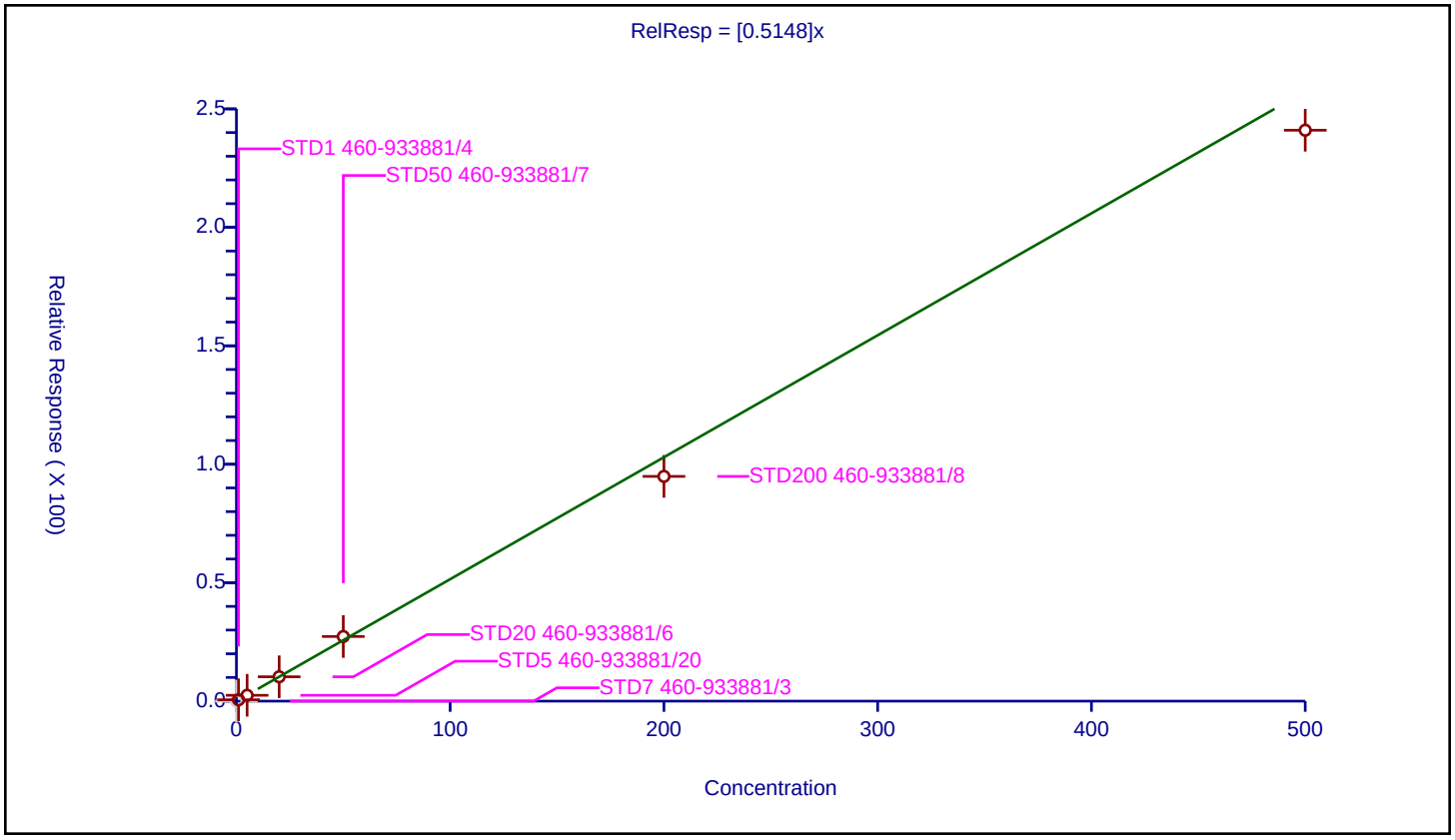
Curve Coefficients

Intercept:	0
Slope:	0.5148

Error Coefficients

Standard Error:	1810000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.578781	50.0	637028.0	0.578781	Y
3	STD5 460-933881/20	5.0	2.469609	50.0	604954.0	0.493922	Y
4	STD20 460-933881/6	20.0	10.277626	50.0	748597.0	0.513881	Y
5	STD50 460-933881/7	50.0	27.286719	50.0	743631.0	0.545734	Y
6	STD200 460-933881/8	200.0	94.873477	50.0	761247.0	0.474367	Y
7	STD500 460-933881/9	500.0	240.997372	50.0	780822.0	0.481995	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

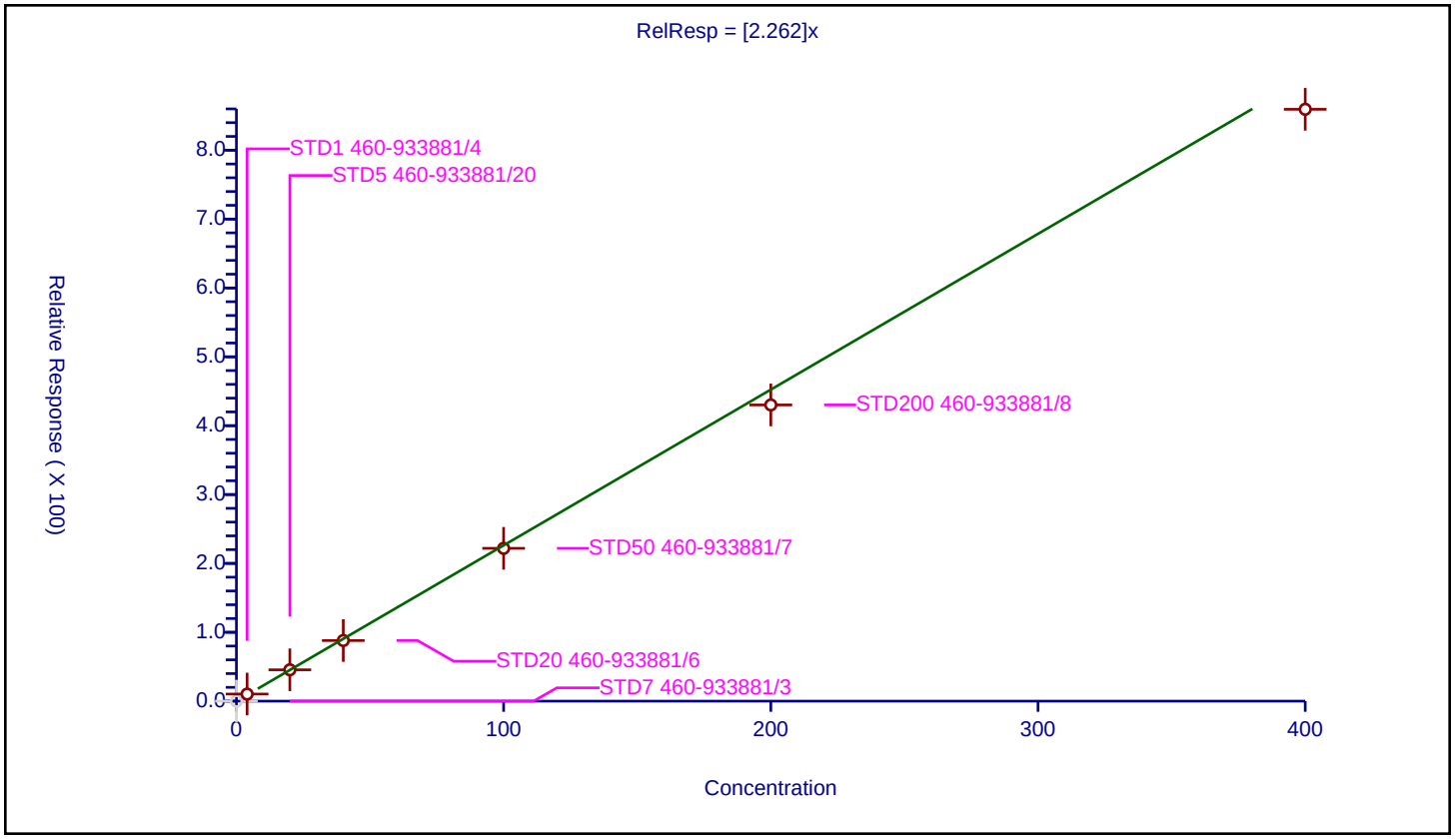
Curve Coefficients

Intercept:	0
Slope:	2.262

Error Coefficients

Standard Error:	74700
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	4.0	10.307022	1000.0	109634.0	2.576755	Y
3	STD5 460-933881/20	20.0	45.50671	1000.0	125476.0	2.275336	Y
4	STD20 460-933881/6	40.0	88.020569	1000.0	135741.0	2.200514	Y
5	STD50 460-933881/7	100.0	221.906176	1000.0	143439.0	2.219062	Y
6	STD200 460-933881/8	200.0	430.131106	1000.0	171464.0	2.150656	Y
7	STD500 460-933881/9	400.0	859.430376	1000.0	170990.0	2.148576	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

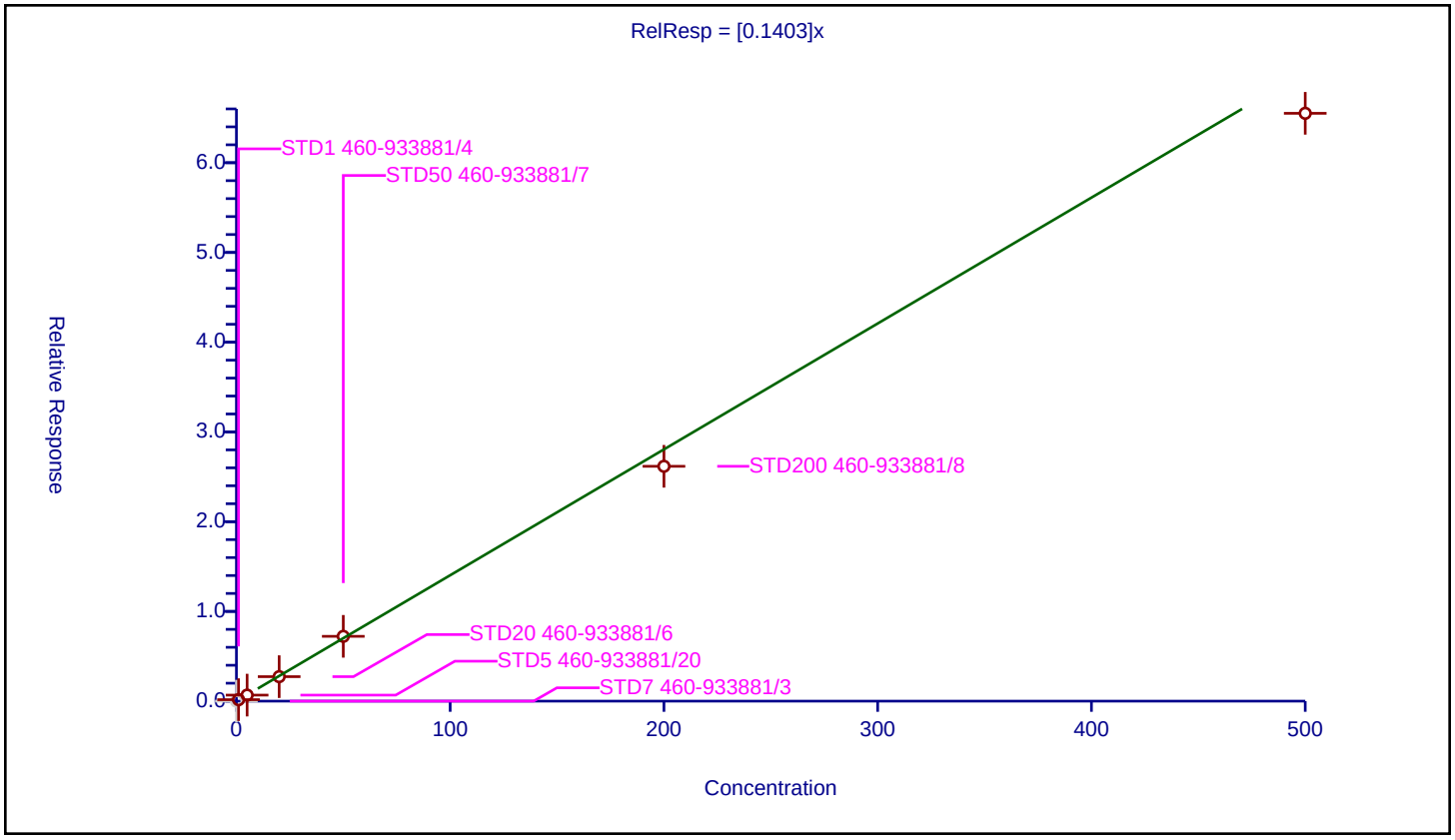
Curve Coefficients

Intercept:	0
Slope:	0.1403

Error Coefficients

Standard Error:	494000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.1642	50.0	637028.0	0.1642	Y
3	STD5 460-933881/20	5.0	0.67344	50.0	604954.0	0.134688	Y
4	STD20 460-933881/6	20.0	2.72964	50.0	748597.0	0.136482	Y
5	STD50 460-933881/7	50.0	7.221525	50.0	743631.0	0.144431	Y
6	STD200 460-933881/8	200.0	26.172123	50.0	761247.0	0.130861	Y
7	STD500 460-933881/9	500.0	65.507952	50.0	780822.0	0.131016	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

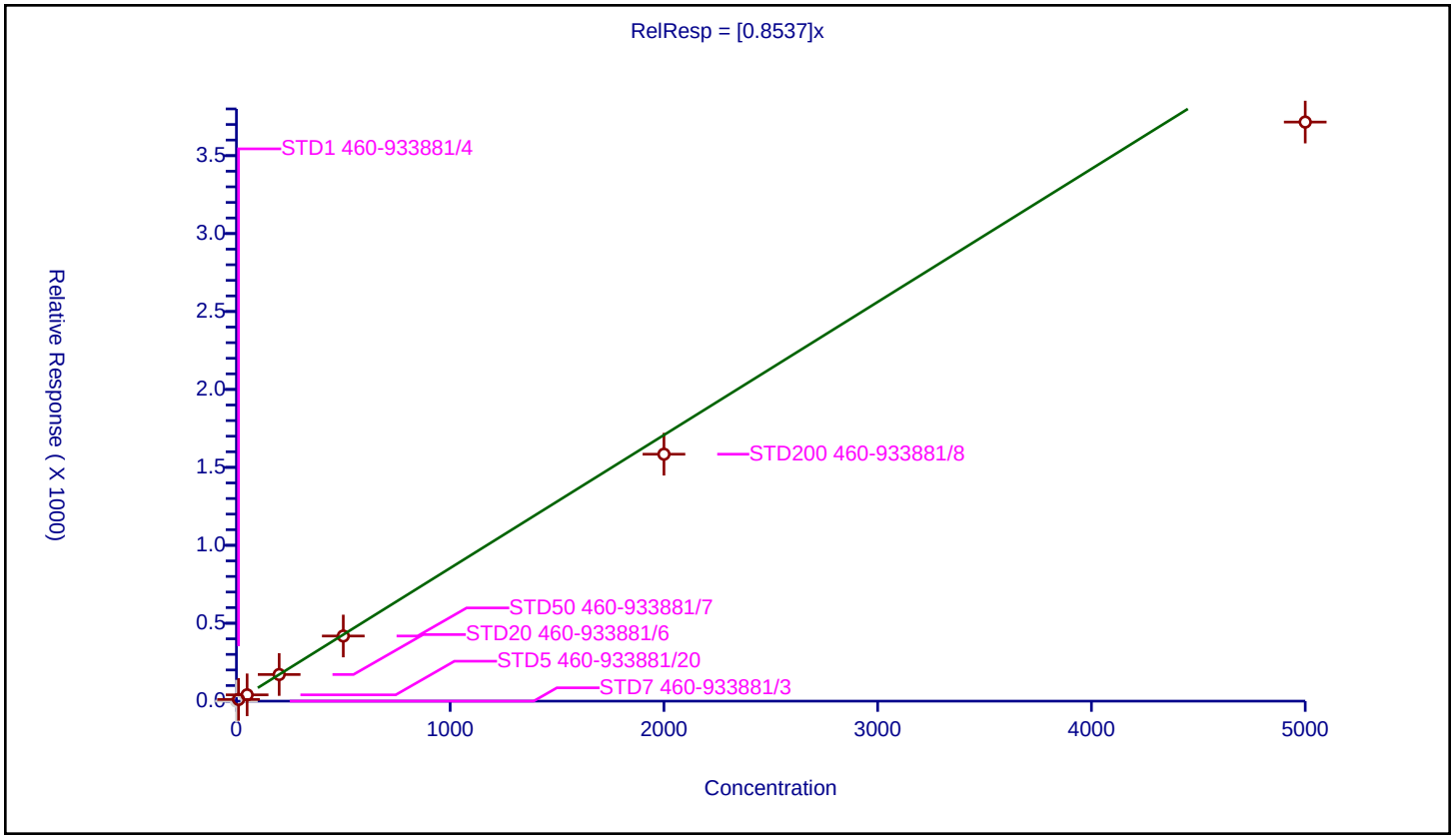
Curve Coefficients

Intercept:	0
Slope:	0.8537

Error Coefficients

Standard Error:	308000
Relative Standard Error:	14.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	10.0	10.890782	1000.0	109634.0	1.089078	Y
3	STD5 460-933881/20	50.0	40.430042	1000.0	125476.0	0.808601	Y
4	STD20 460-933881/6	200.0	170.736918	1000.0	135741.0	0.853685	Y
5	STD50 460-933881/7	500.0	417.871011	1000.0	143439.0	0.835742	Y
6	STD200 460-933881/8	2000.0	1584.402557	1000.0	171464.0	0.792201	Y
7	STD500 460-933881/9	5000.0	3715.579858	1000.0	170990.0	0.743116	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

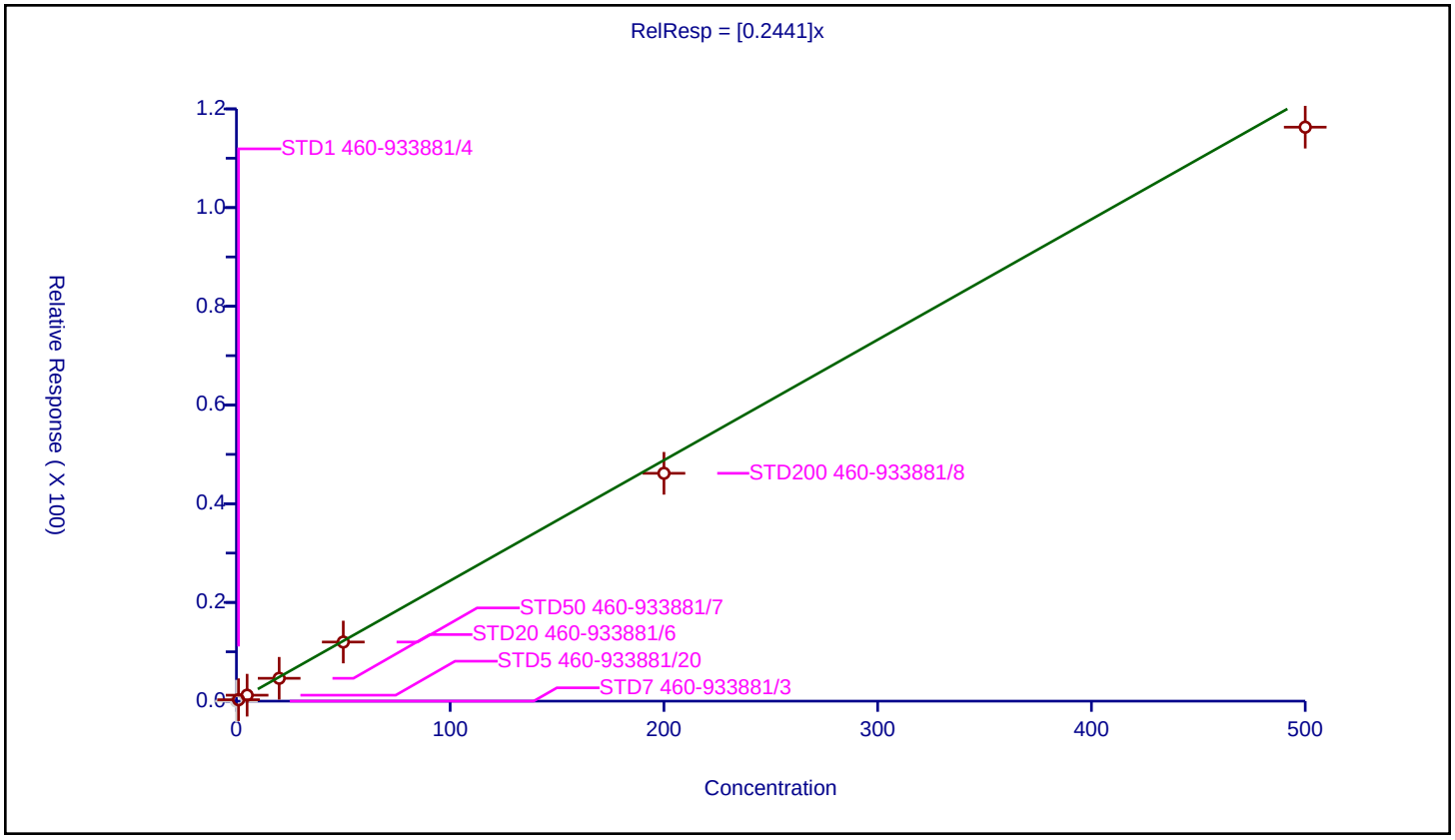
Curve Coefficients

Intercept:	0
Slope:	0.2441

Error Coefficients

Standard Error:	875000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.28892	50.0	637028.0	0.28892	Y
3	STD5 460-933881/20	5.0	1.205381	50.0	604954.0	0.241076	Y
4	STD20 460-933881/6	20.0	4.629527	50.0	748597.0	0.231476	Y
5	STD50 460-933881/7	50.0	11.976504	50.0	743631.0	0.23953	Y
6	STD200 460-933881/8	200.0	46.164254	50.0	761247.0	0.230821	Y
7	STD500 460-933881/9	500.0	116.297568	50.0	780822.0	0.232595	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

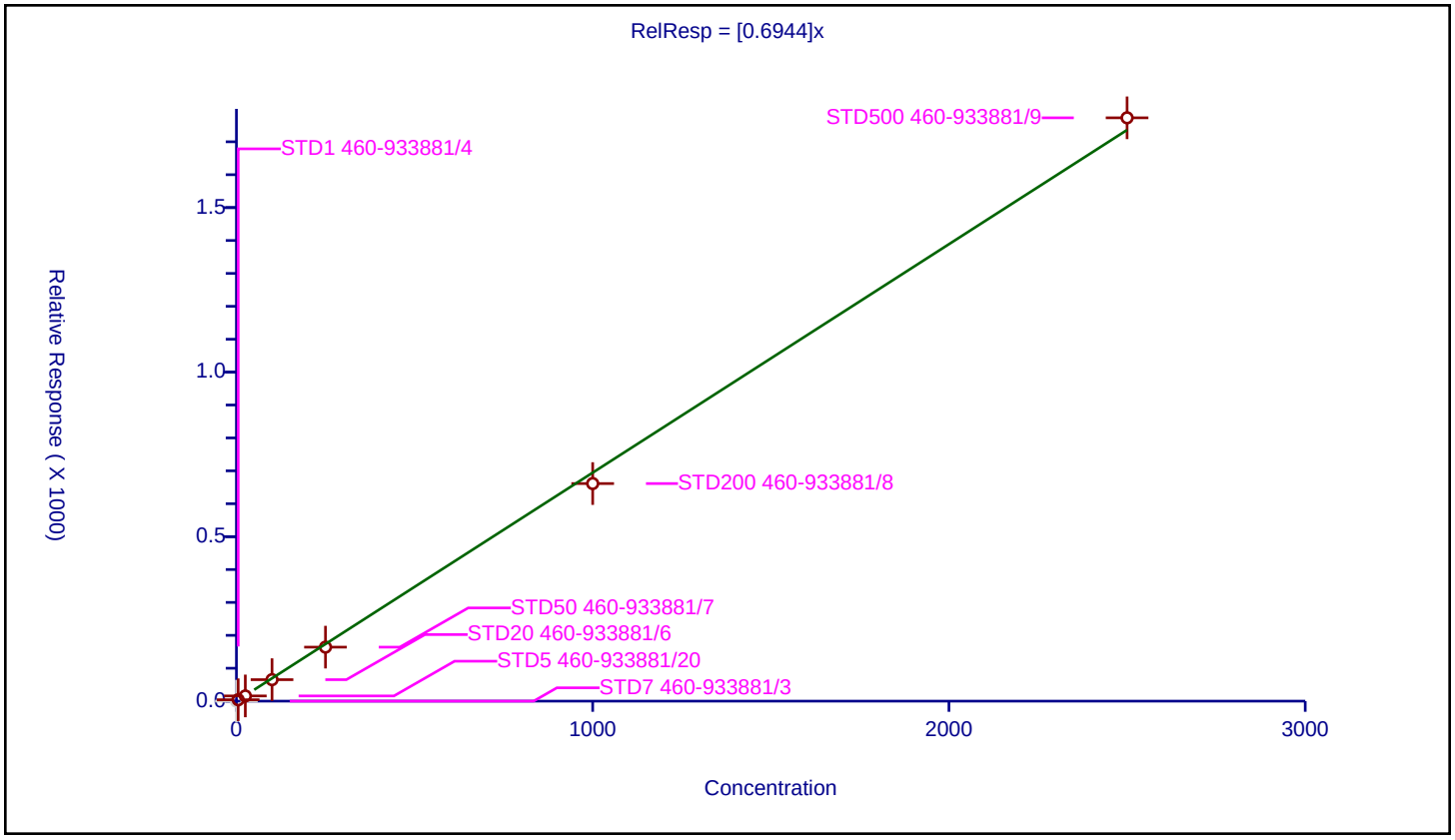
Curve Coefficients

Intercept:	0
Slope:	0.6944

Error Coefficients

Standard Error:	846000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	5.0	4.272546	250.0	191806.0	0.854509	Y
3	STD5 460-933881/20	25.0	15.796923	250.0	203125.0	0.631877	Y
4	STD20 460-933881/6	100.0	65.286282	250.0	223259.0	0.652863	Y
5	STD50 460-933881/7	250.0	164.151876	250.0	229542.0	0.656608	Y
6	STD200 460-933881/8	1000.0	661.304163	250.0	256954.0	0.661304	Y
7	STD500 460-933881/9	2500.0	1772.912807	250.0	248300.0	0.709165	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

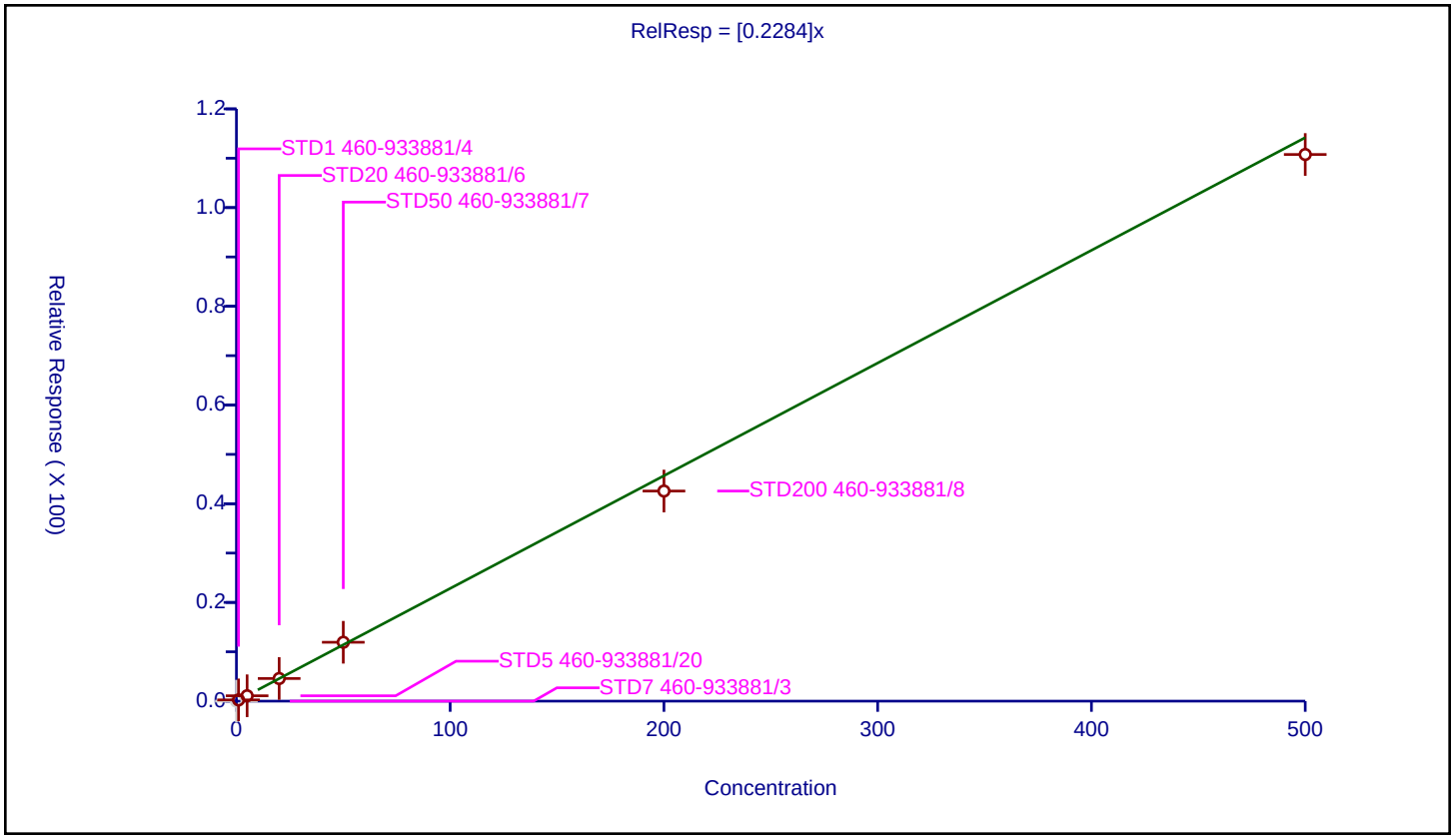
Curve Coefficients

Intercept:	0
Slope:	0.2284

Error Coefficients

Standard Error:	830000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.250931	50.0	637028.0	0.250931	Y
3	STD5 460-933881/20	5.0	1.085289	50.0	604954.0	0.217058	Y
4	STD20 460-933881/6	20.0	4.584309	50.0	748597.0	0.229215	Y
5	STD50 460-933881/7	50.0	11.928497	50.0	743631.0	0.23857	Y
6	STD200 460-933881/8	200.0	42.569429	50.0	761247.0	0.212847	Y
7	STD500 460-933881/9	500.0	110.761416	50.0	780822.0	0.221523	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

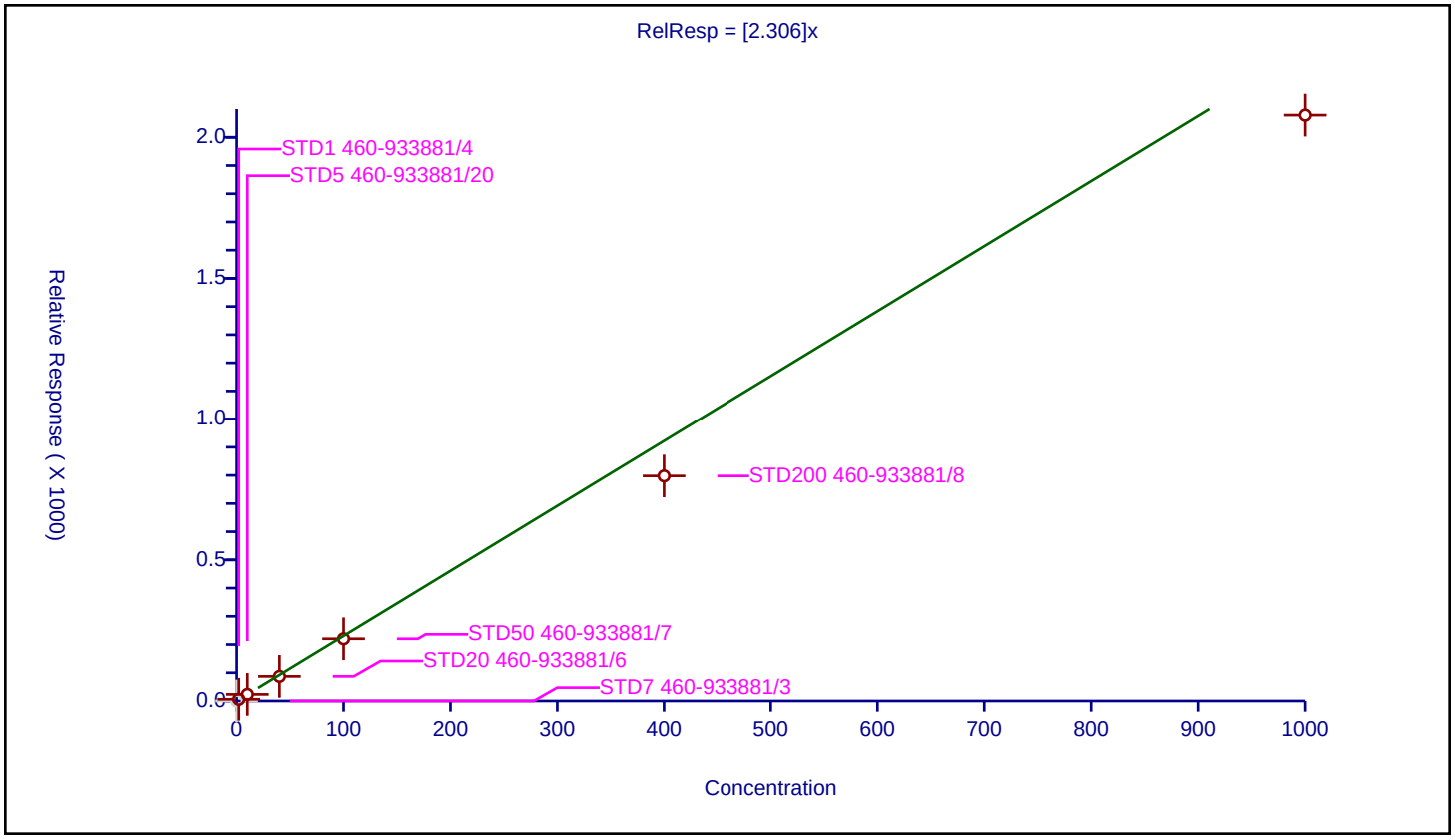
Curve Coefficients

Intercept:	0
Slope:	2.306

Error Coefficients

Standard Error:	170000
Relative Standard Error:	16.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	2.0	6.083879	1000.0	109634.0	3.04194	Y
3	STD5 460-933881/20	10.0	23.359049	1000.0	125476.0	2.335905	Y
4	STD20 460-933881/6	40.0	87.23967	1000.0	135741.0	2.180992	Y
5	STD50 460-933881/7	100.0	220.365452	1000.0	143439.0	2.203655	Y
6	STD200 460-933881/8	400.0	798.004246	1000.0	171464.0	1.995011	Y
7	STD500 460-933881/9	1000.0	2078.536757	1000.0	170990.0	2.078537	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

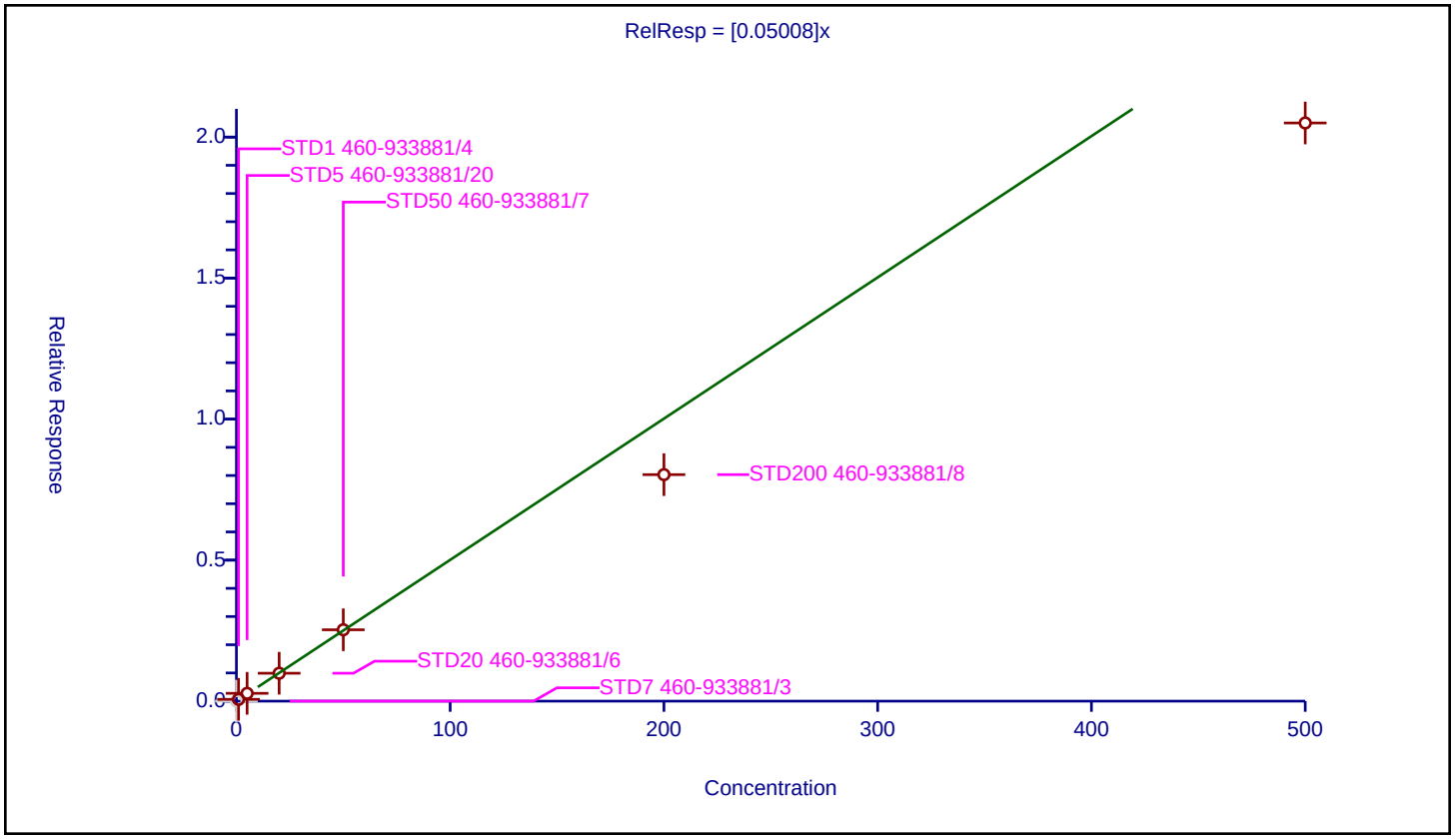
Curve Coefficients

Intercept:	0
Slope:	0.05008

Error Coefficients

Standard Error:	154000
Relative Standard Error:	17.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.958

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.063812	50.0	637028.0	0.063812	Y
3	STD5 460-933881/20	5.0	0.277376	50.0	604954.0	0.055475	Y
4	STD20 460-933881/6	20.0	0.988783	50.0	748597.0	0.049439	Y
5	STD50 460-933881/7	50.0	2.530892	50.0	743631.0	0.050618	Y
6	STD200 460-933881/8	200.0	8.031821	50.0	761247.0	0.040159	Y
7	STD500 460-933881/9	500.0	20.500063	50.0	780822.0	0.041	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

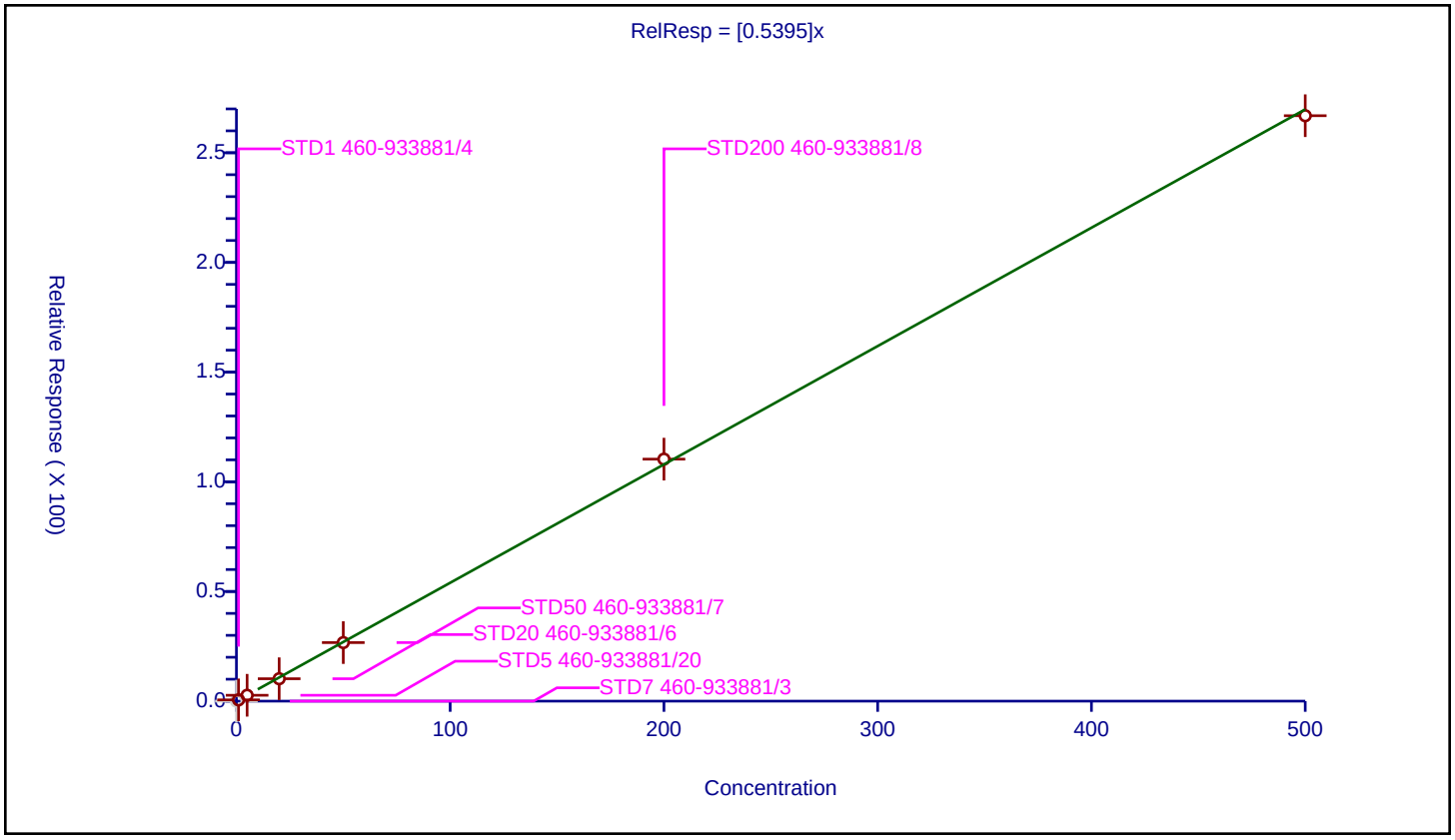
Curve Coefficients

Intercept:	0
Slope:	0.5395

Error Coefficients

Standard Error:	2020000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.571089	50.0	637028.0	0.571089	Y
3	STD5 460-933881/20	5.0	2.679543	50.0	604954.0	0.535909	Y
4	STD20 460-933881/6	20.0	10.218449	50.0	748597.0	0.510922	Y
5	STD50 460-933881/7	50.0	26.697919	50.0	743631.0	0.533958	Y
6	STD200 460-933881/8	200.0	110.32812	50.0	761247.0	0.551641	Y
7	STD500 460-933881/9	500.0	266.88778	50.0	780822.0	0.533776	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

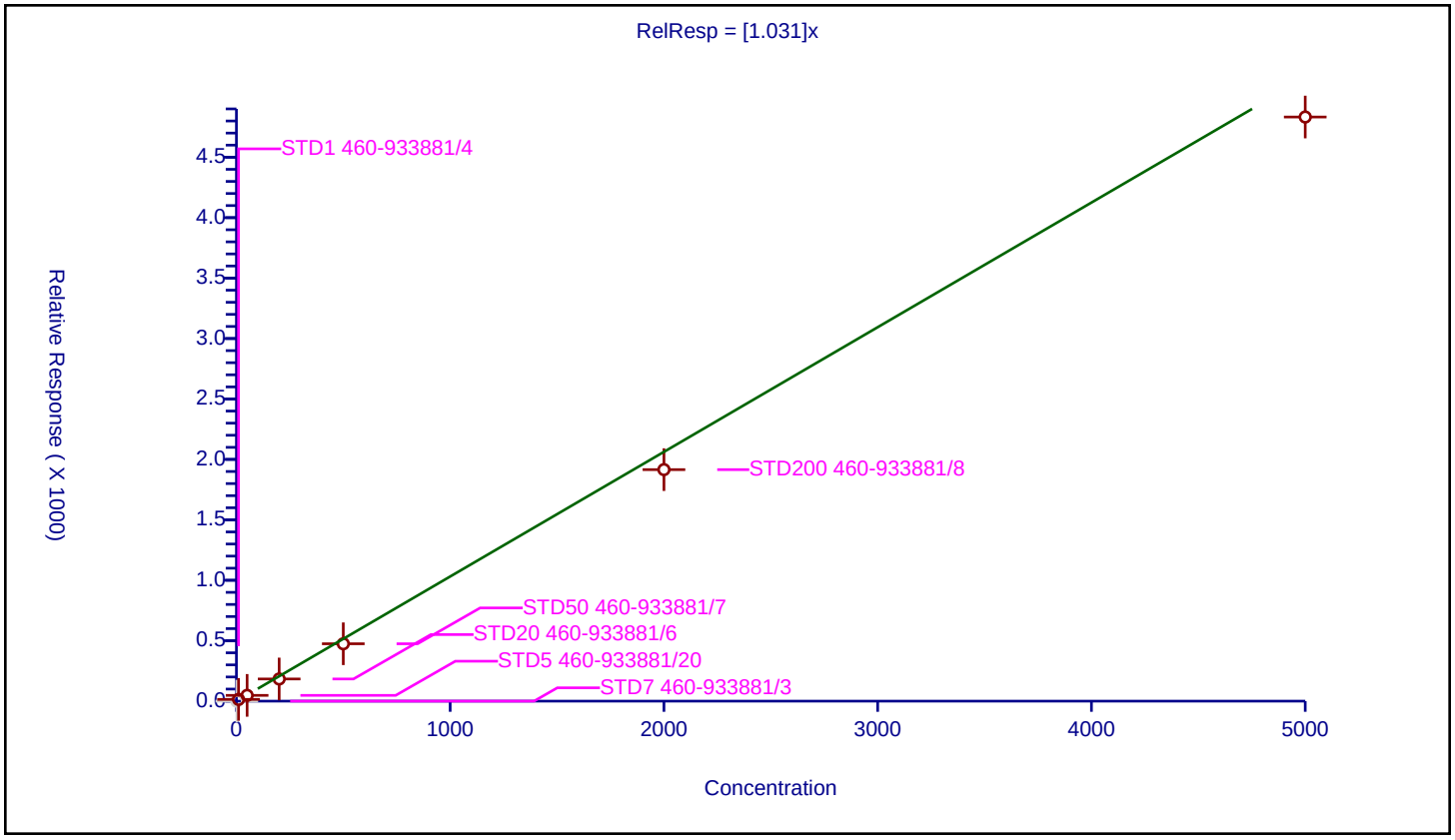
Curve Coefficients

Intercept:	0
Slope:	1.031

Error Coefficients

Standard Error:	397000
Relative Standard Error:	19.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	2.0	0.0	1000.0	135122.0	0.0	N
2	STD1 460-933881/4	10.0	14.402466	1000.0	109634.0	1.440247	Y
3	STD5 460-933881/20	50.0	47.778061	1000.0	125476.0	0.955561	Y
4	STD20 460-933881/6	200.0	183.555448	1000.0	135741.0	0.917777	Y
5	STD50 460-933881/7	500.0	474.752334	1000.0	143439.0	0.949505	Y
6	STD200 460-933881/8	2000.0	1915.404983	1000.0	171464.0	0.957702	Y
7	STD500 460-933881/9	5000.0	4832.826481	1000.0	170990.0	0.966565	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

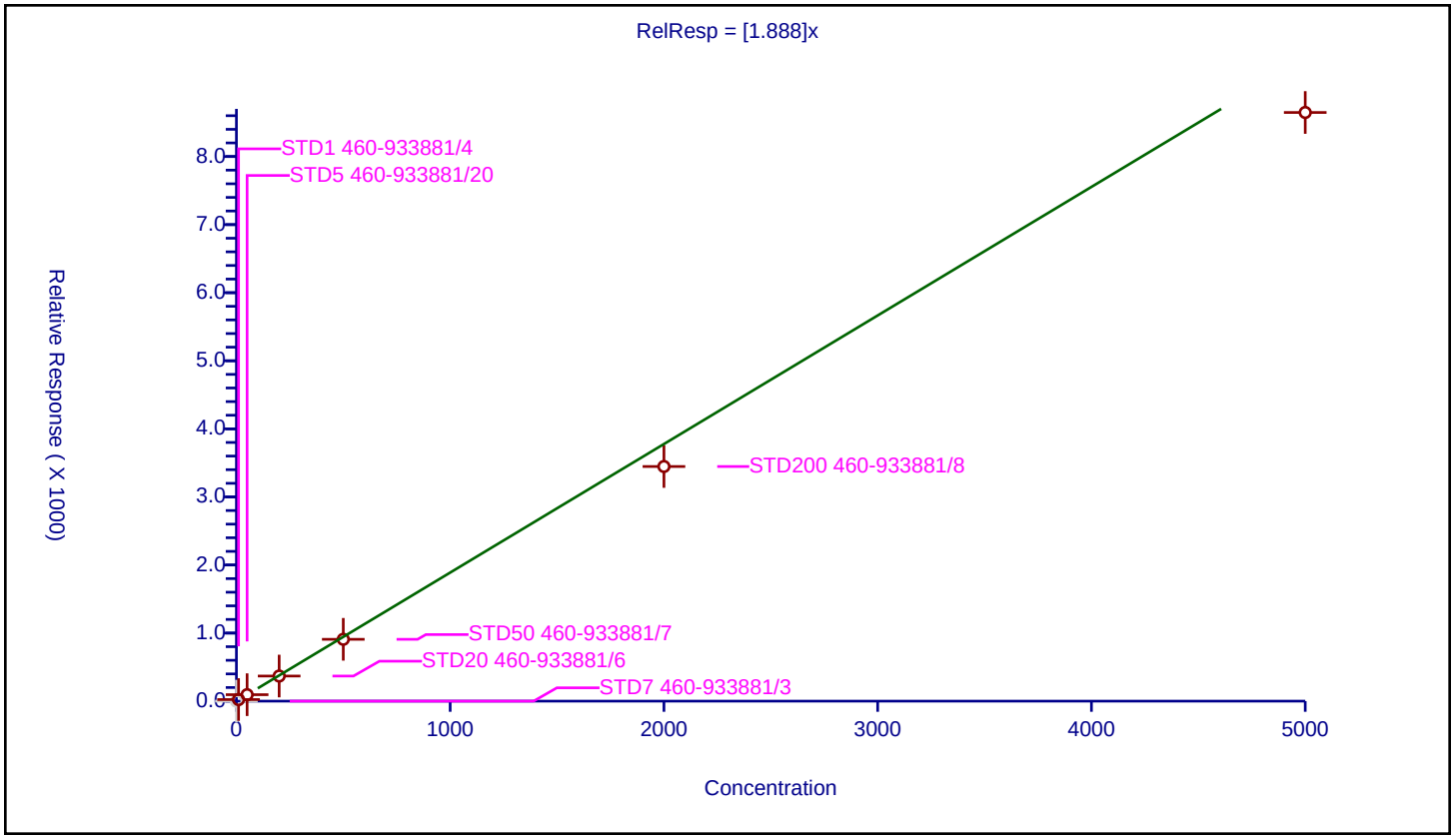
Curve Coefficients

Intercept:	0
Slope:	1.888

Error Coefficients

Standard Error:	710000
Relative Standard Error:	11.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	10.0	23.213602	1000.0	109634.0	2.32136	Y
3	STD5 460-933881/20	50.0	94.783066	1000.0	125476.0	1.895661	Y
4	STD20 460-933881/6	200.0	368.827399	1000.0	135741.0	1.844137	Y
5	STD50 460-933881/7	500.0	908.469802	1000.0	143439.0	1.81694	Y
6	STD200 460-933881/8	2000.0	3446.770167	1000.0	171464.0	1.723385	Y
7	STD500 460-933881/9	5000.0	8647.020294	1000.0	170990.0	1.729404	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

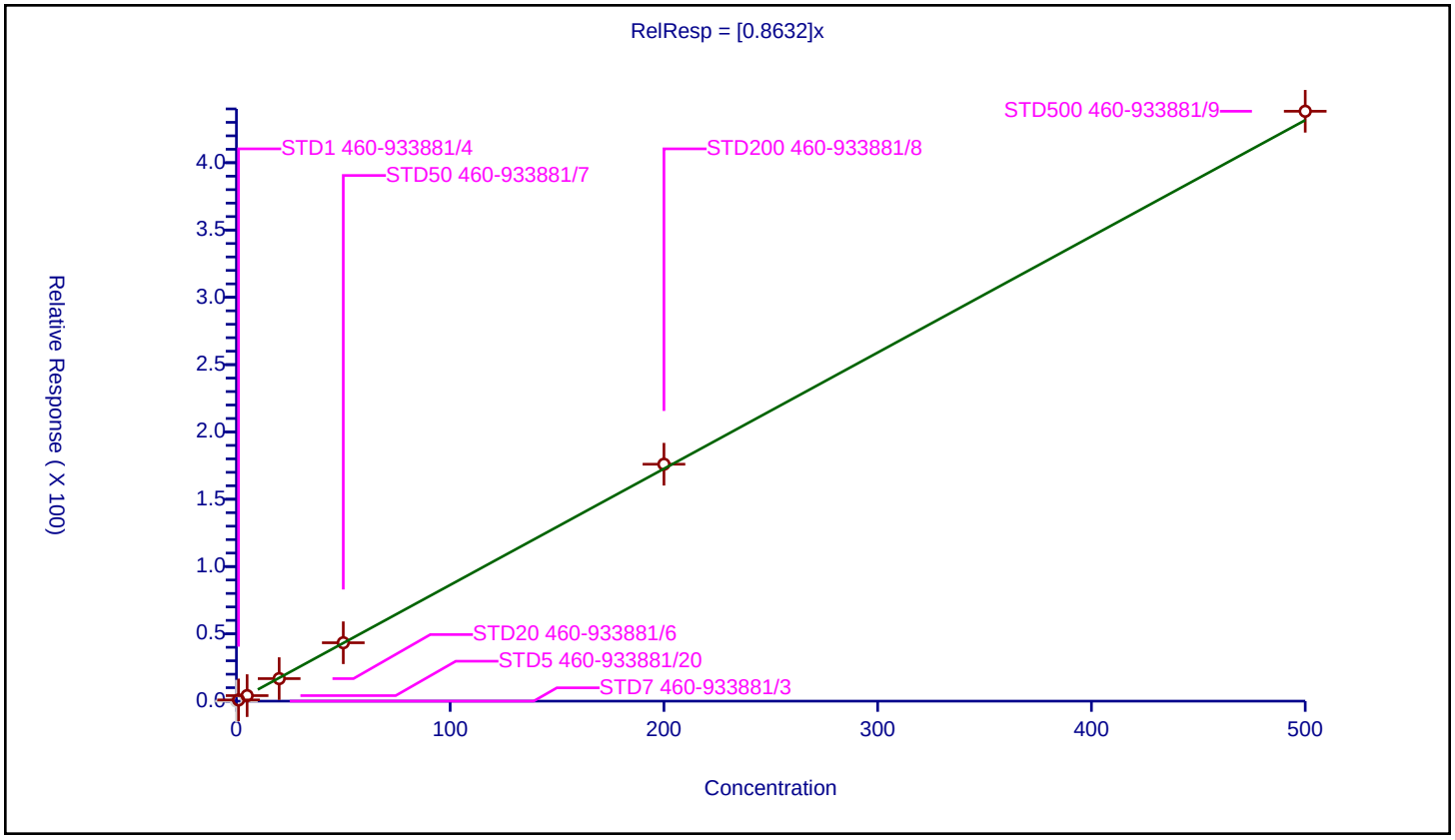
Curve Coefficients

Intercept:	0
Slope:	0.8632

Error Coefficients

Standard Error:	3300000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.898626	50.0	637028.0	0.898626	Y
3	STD5 460-933881/20	5.0	4.09808	50.0	604954.0	0.819616	Y
4	STD20 460-933881/6	20.0	16.736776	50.0	748597.0	0.836839	Y
5	STD50 460-933881/7	50.0	43.389194	50.0	743631.0	0.867784	Y
6	STD200 460-933881/8	200.0	176.018625	50.0	761247.0	0.880093	Y
7	STD500 460-933881/9	500.0	438.233554	50.0	780822.0	0.876467	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

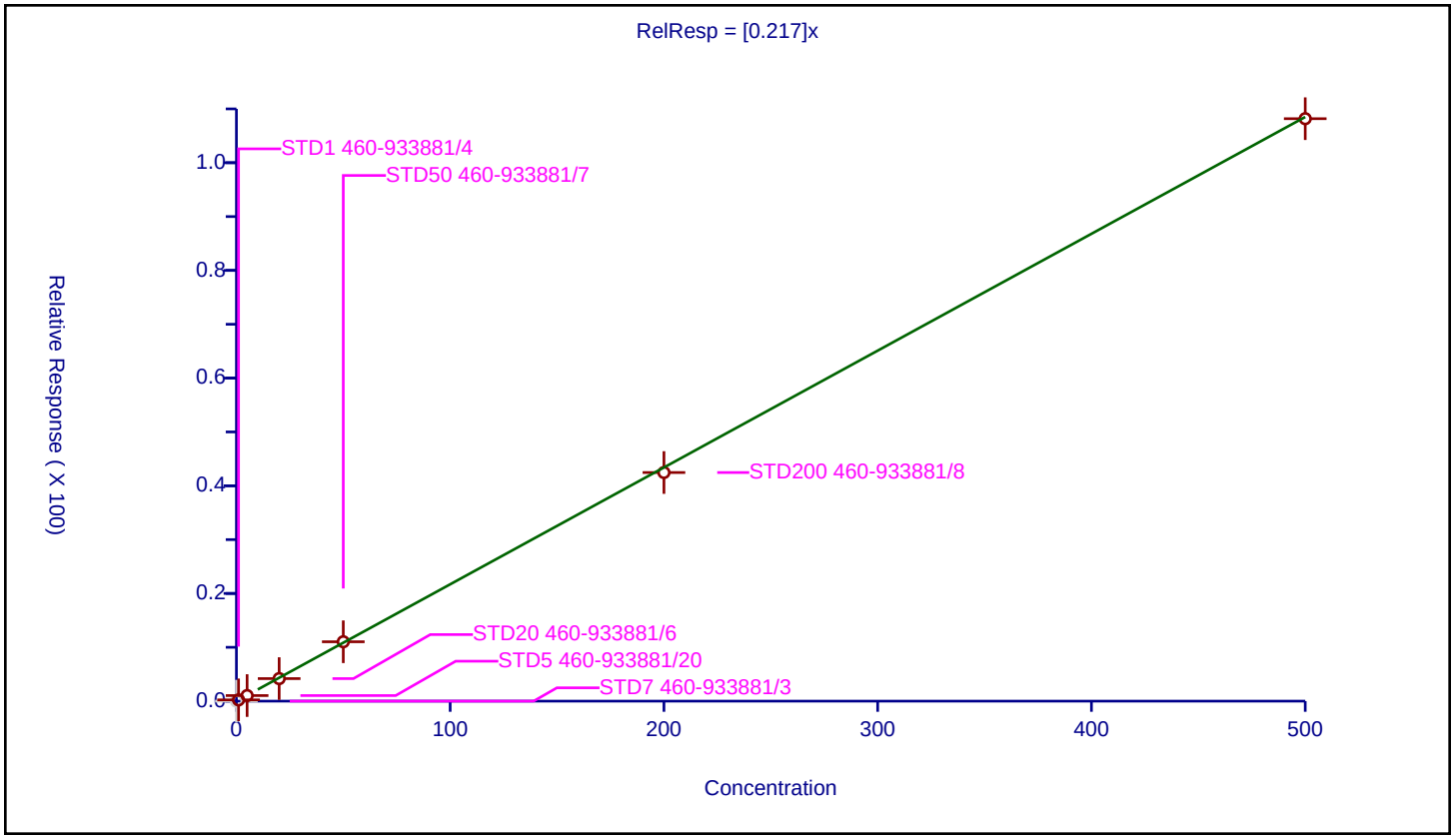
Curve Coefficients

Intercept:	0
Slope:	0.217

Error Coefficients

Standard Error:	813000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.236567	50.0	637028.0	0.236567	Y
3	STD5 460-933881/20	5.0	1.034294	50.0	604954.0	0.206859	Y
4	STD20 460-933881/6	20.0	4.185697	50.0	748597.0	0.209285	Y
5	STD50 460-933881/7	50.0	11.030605	50.0	743631.0	0.220612	Y
6	STD200 460-933881/8	200.0	42.460463	50.0	761247.0	0.212302	Y
7	STD500 460-933881/9	500.0	108.177408	50.0	780822.0	0.216355	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

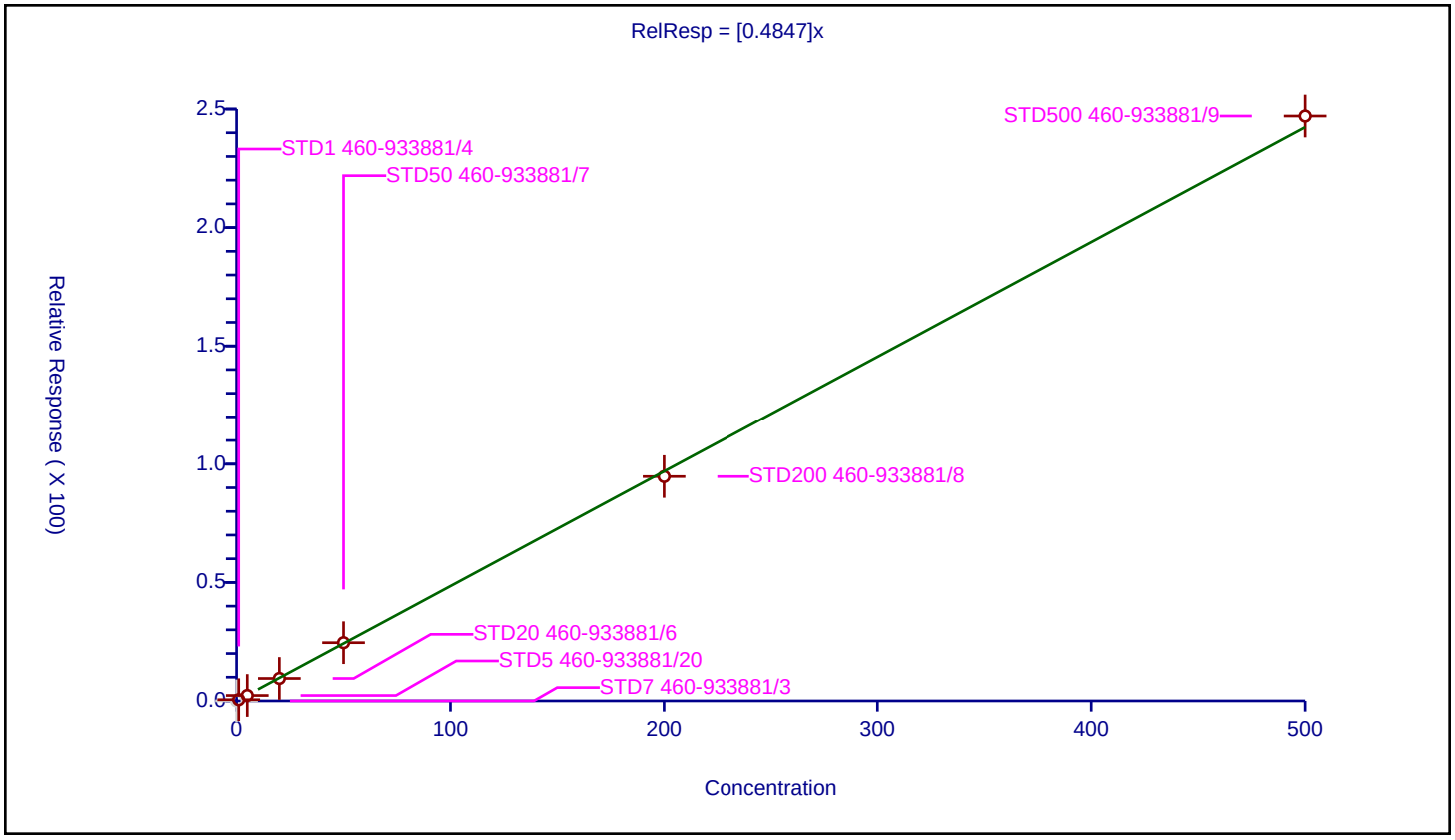
Curve Coefficients

Intercept:	0
Slope:	0.4847

Error Coefficients

Standard Error:	1850000
Relative Standard Error:	4.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.516539	50.0	637028.0	0.516539	Y
3	STD5 460-933881/20	5.0	2.293398	50.0	604954.0	0.45868	Y
4	STD20 460-933881/6	20.0	9.476193	50.0	748597.0	0.47381	Y
5	STD50 460-933881/7	50.0	24.566821	50.0	743631.0	0.491336	Y
6	STD200 460-933881/8	200.0	94.749142	50.0	761247.0	0.473746	Y
7	STD500 460-933881/9	500.0	247.053682	50.0	780822.0	0.494107	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

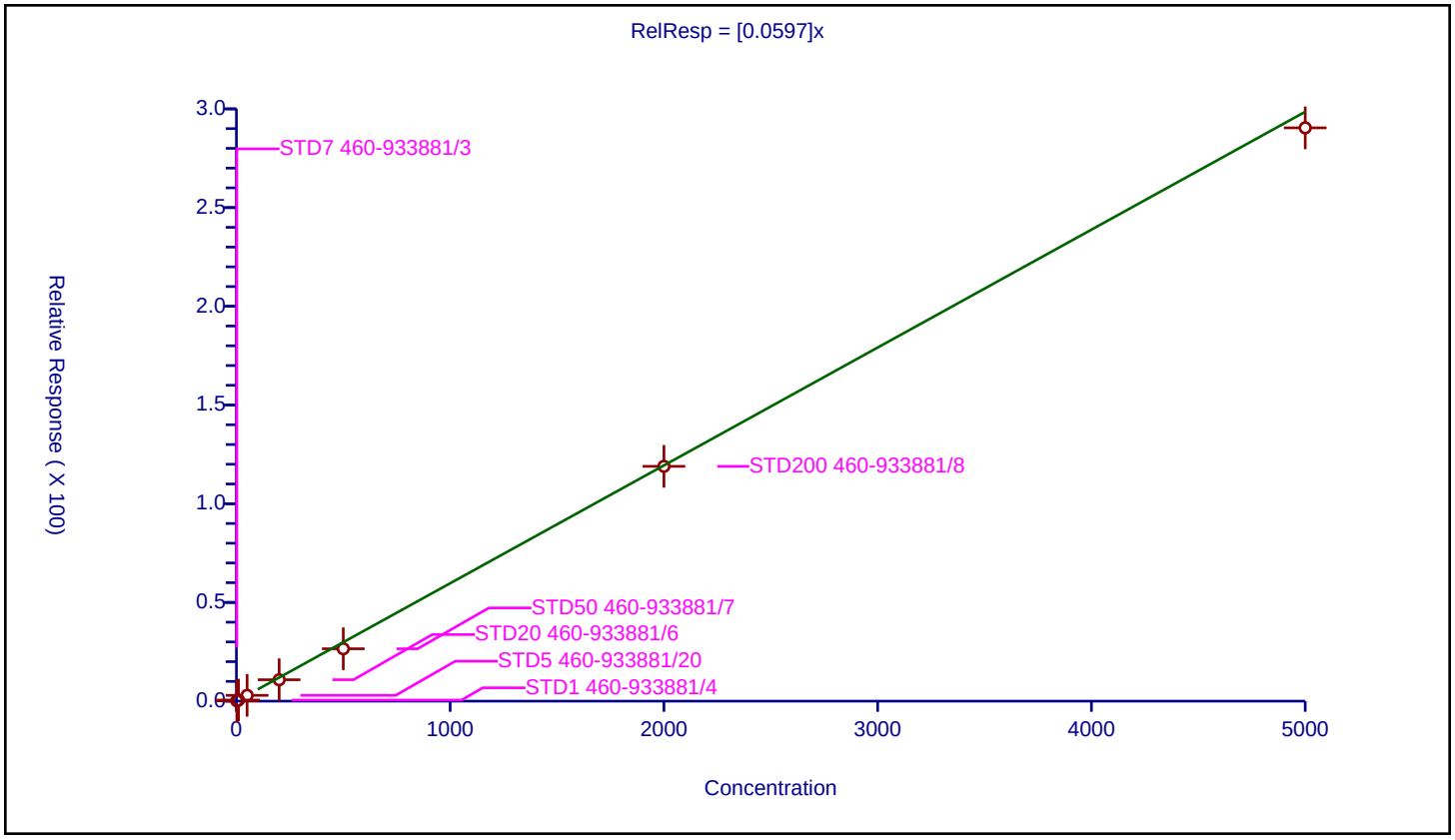
Curve Coefficients

Intercept:	0
Slope:	0.0597

Error Coefficients

Standard Error:	2000000
Relative Standard Error:	15.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	2.0	0.159761	50.0	629689.0	0.079881	Y
2	STD1 460-933881/4	10.0	0.544325	50.0	637028.0	0.054432	Y
3	STD5 460-933881/20	50.0	2.940719	50.0	604954.0	0.058814	Y
4	STD20 460-933881/6	200.0	10.841214	50.0	748597.0	0.054206	Y
5	STD50 460-933881/7	500.0	26.525723	50.0	743631.0	0.053051	Y
6	STD200 460-933881/8	2000.0	118.934656	50.0	761247.0	0.059467	Y
7	STD500 460-933881/9	5000.0	290.399797	50.0	780822.0	0.05808	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

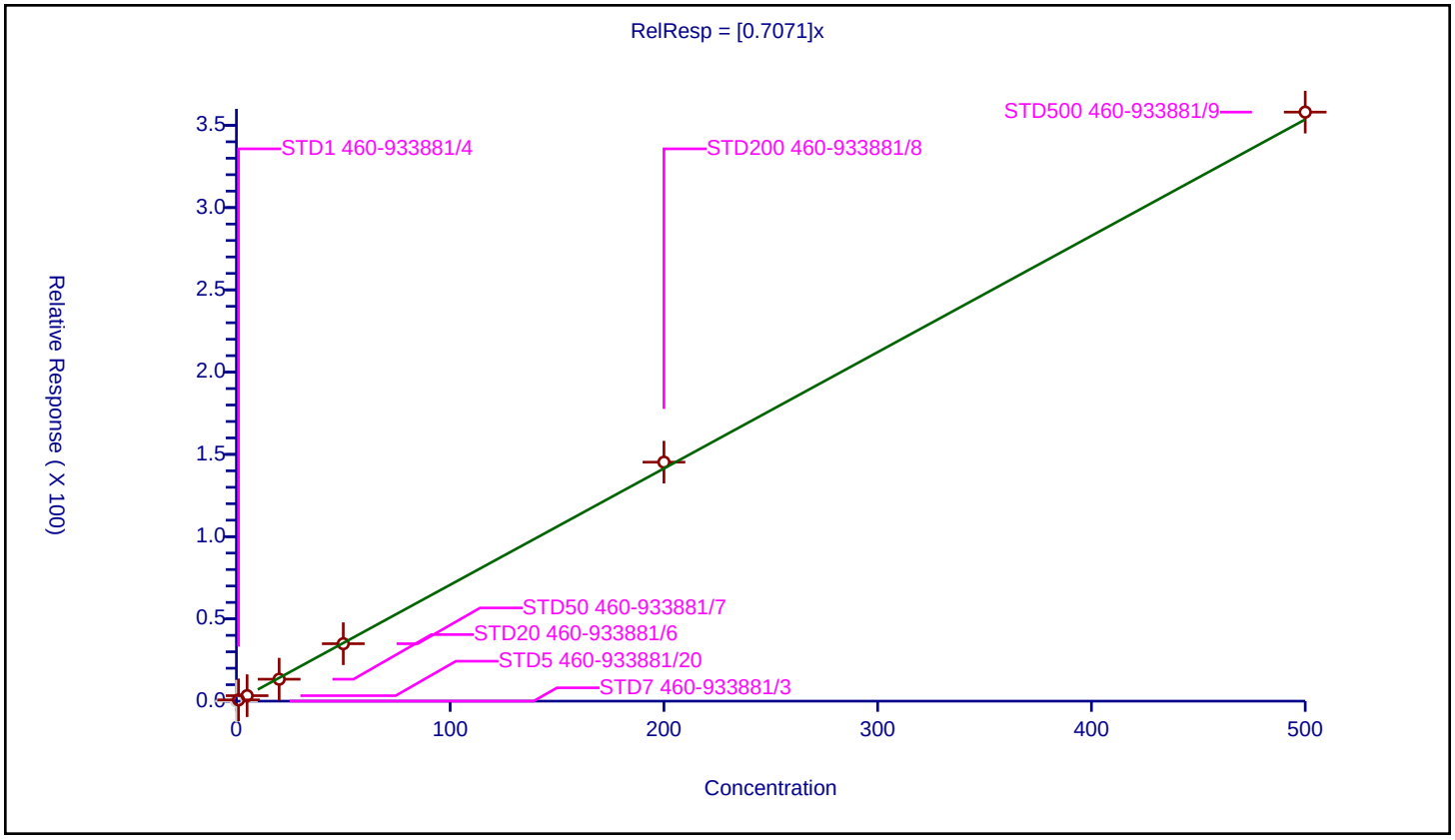
Curve Coefficients

Intercept:	0
Slope:	0.7071

Error Coefficients

Standard Error:	2700000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.768726	50.0	637028.0	0.768726	Y
3	STD5 460-933881/20	5.0	3.332237	50.0	604954.0	0.666447	Y
4	STD20 460-933881/6	20.0	13.338752	50.0	748597.0	0.666938	Y
5	STD50 460-933881/7	50.0	34.915099	50.0	743631.0	0.698302	Y
6	STD200 460-933881/8	200.0	145.262576	50.0	761247.0	0.726313	Y
7	STD500 460-933881/9	500.0	358.046712	50.0	780822.0	0.716093	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

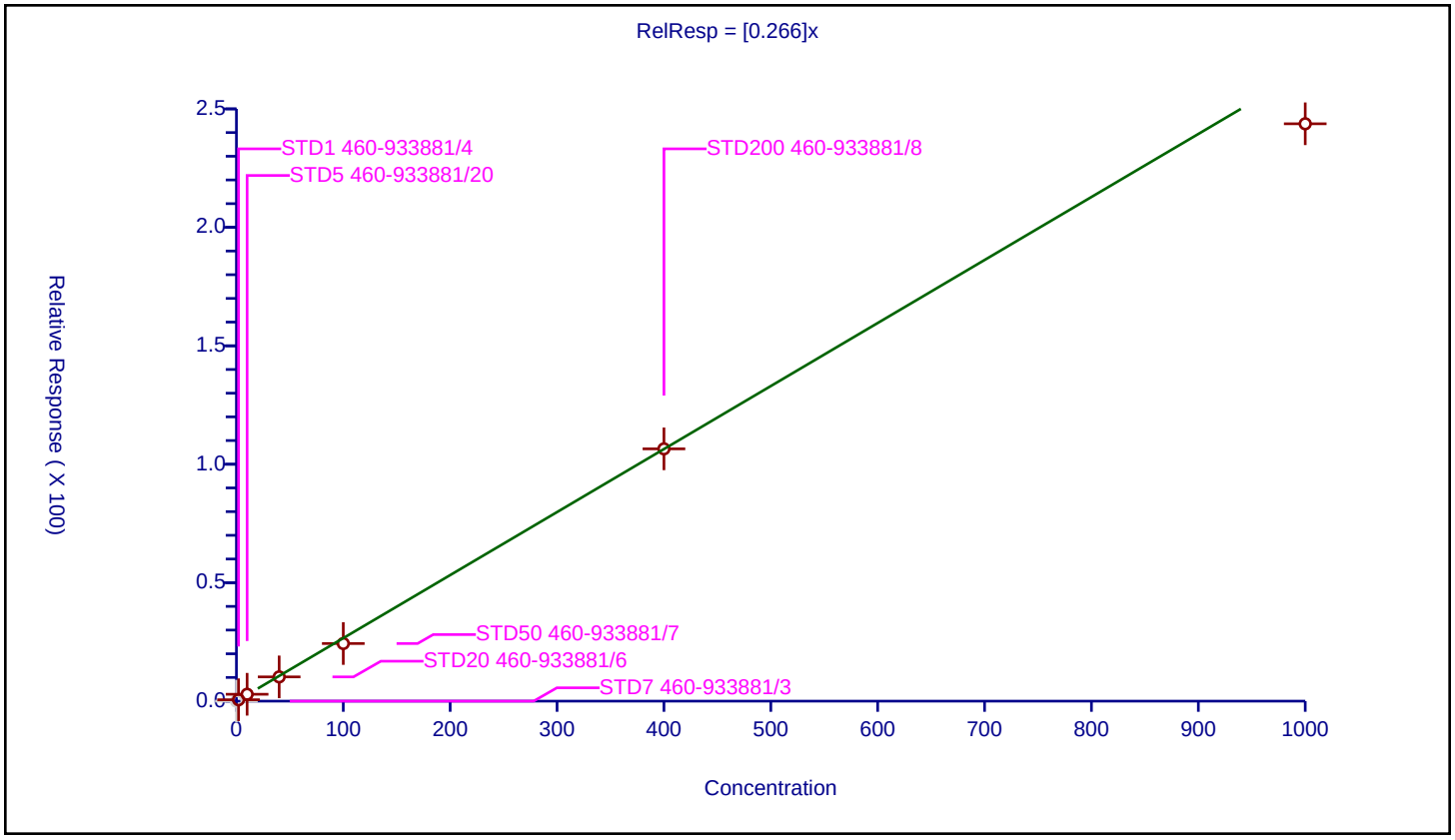
Curve Coefficients

Intercept:	0
Slope:	0.266

Error Coefficients

Standard Error:	1860000
Relative Standard Error:	8.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	2.0	0.593537	50.0	637028.0	0.296769	Y
3	STD5 460-933881/20	10.0	2.901047	50.0	604954.0	0.290105	Y
4	STD20 460-933881/6	40.0	10.239221	50.0	748597.0	0.255981	Y
5	STD50 460-933881/7	100.0	24.327455	50.0	743631.0	0.243275	Y
6	STD200 460-933881/8	400.0	106.495264	50.0	761247.0	0.266238	Y
7	STD500 460-933881/9	1000.0	243.718479	50.0	780822.0	0.243718	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

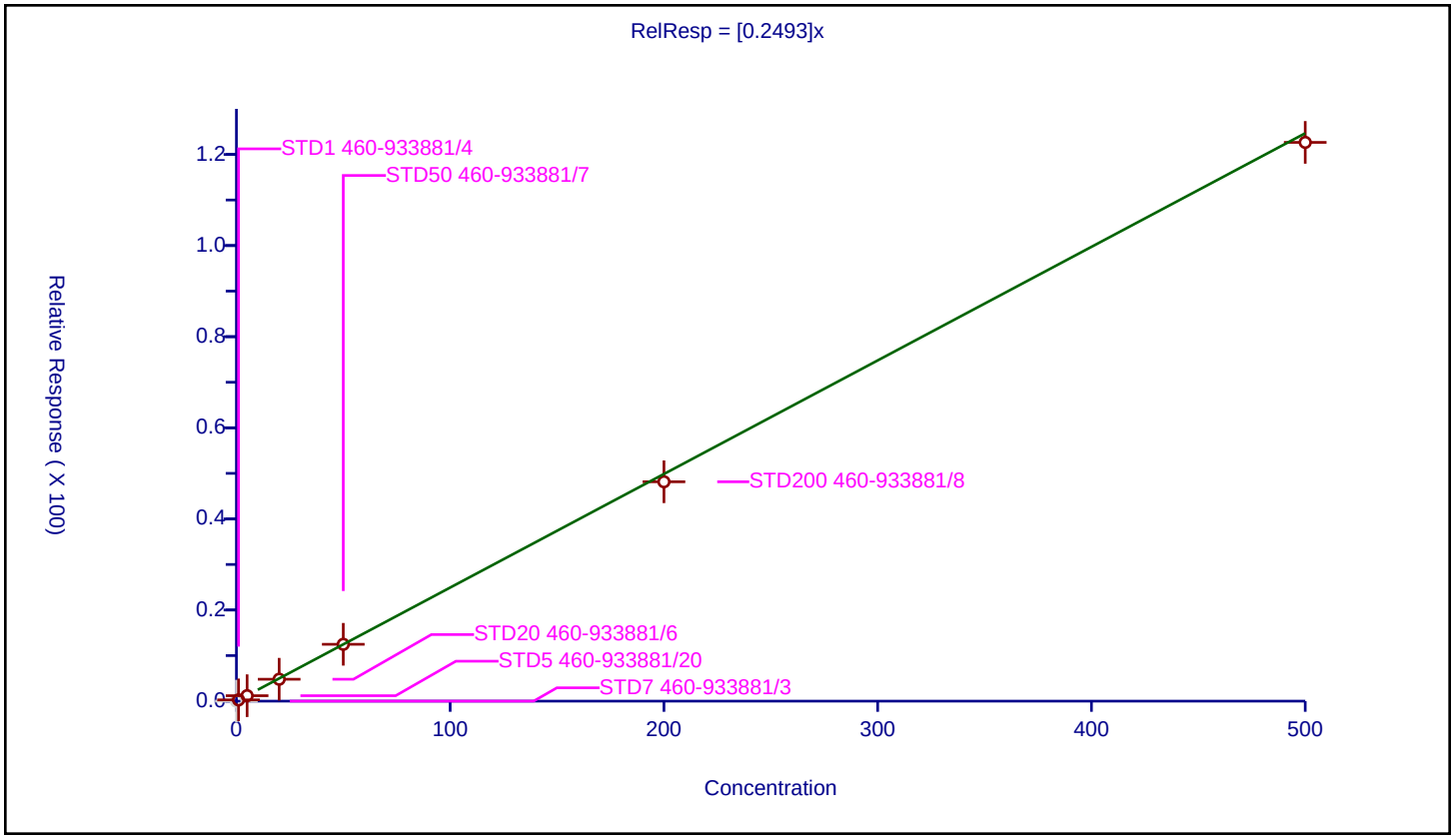
Curve Coefficients

Intercept:	0
Slope:	0.2493

Error Coefficients

Standard Error:	921000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.280521	50.0	637028.0	0.280521	Y
3	STD5 460-933881/20	5.0	1.196041	50.0	604954.0	0.239208	Y
4	STD20 460-933881/6	20.0	4.808328	50.0	748597.0	0.240416	Y
5	STD50 460-933881/7	50.0	12.477761	50.0	743631.0	0.249555	Y
6	STD200 460-933881/8	200.0	48.151126	50.0	761247.0	0.240756	Y
7	STD500 460-933881/9	500.0	122.645622	50.0	780822.0	0.245291	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

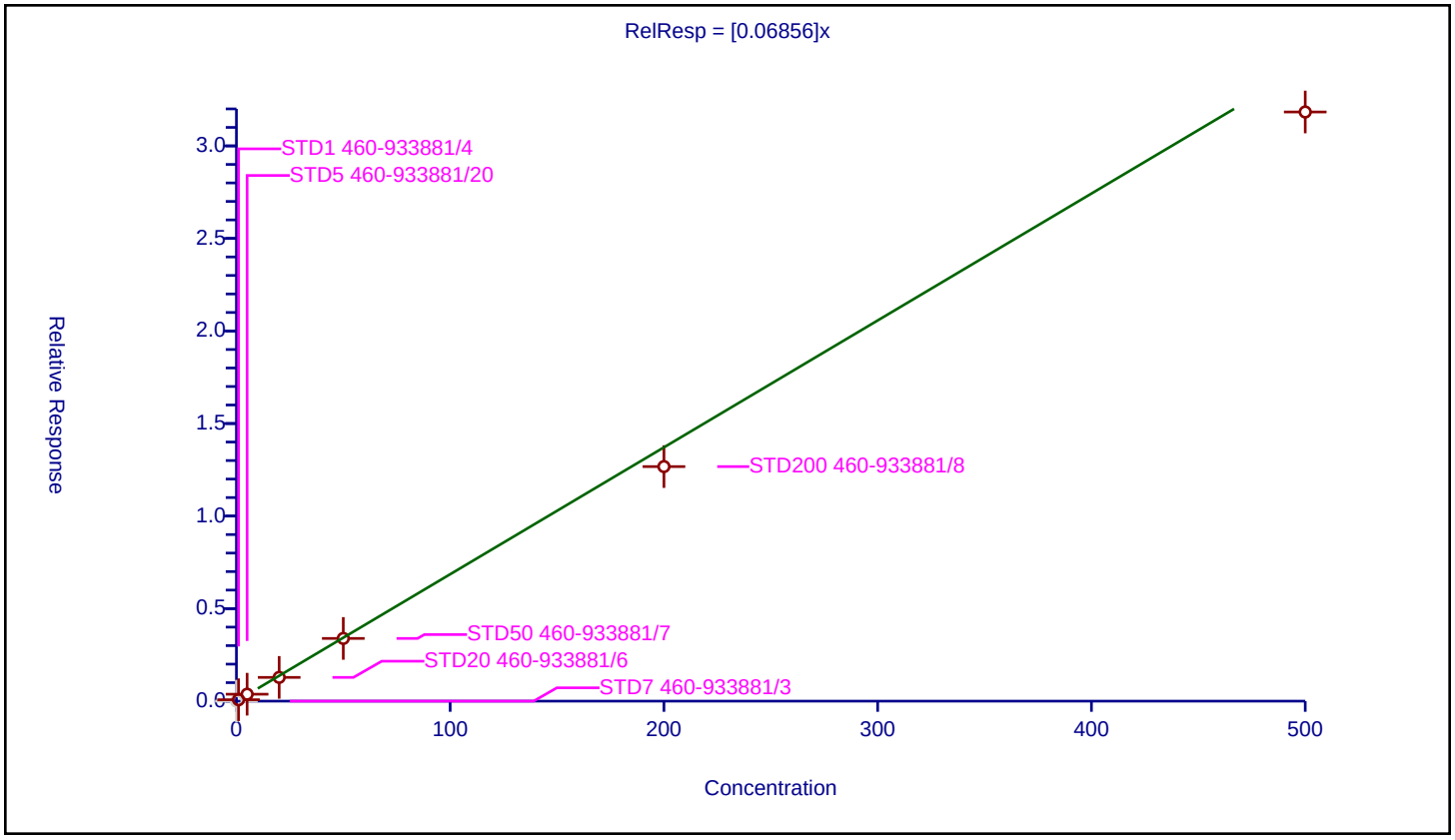
Curve Coefficients

Intercept:	0
Slope:	0.06856

Error Coefficients

Standard Error:	240000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.077469	50.0	637028.0	0.077469	Y
3	STD5 460-933881/20	5.0	0.374739	50.0	604954.0	0.074948	Y
4	STD20 460-933881/6	20.0	1.283468	50.0	748597.0	0.064173	Y
5	STD50 460-933881/7	50.0	3.388038	50.0	743631.0	0.067761	Y
6	STD200 460-933881/8	200.0	12.673547	50.0	761247.0	0.063368	Y
7	STD500 460-933881/9	500.0	31.832415	50.0	780822.0	0.063665	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

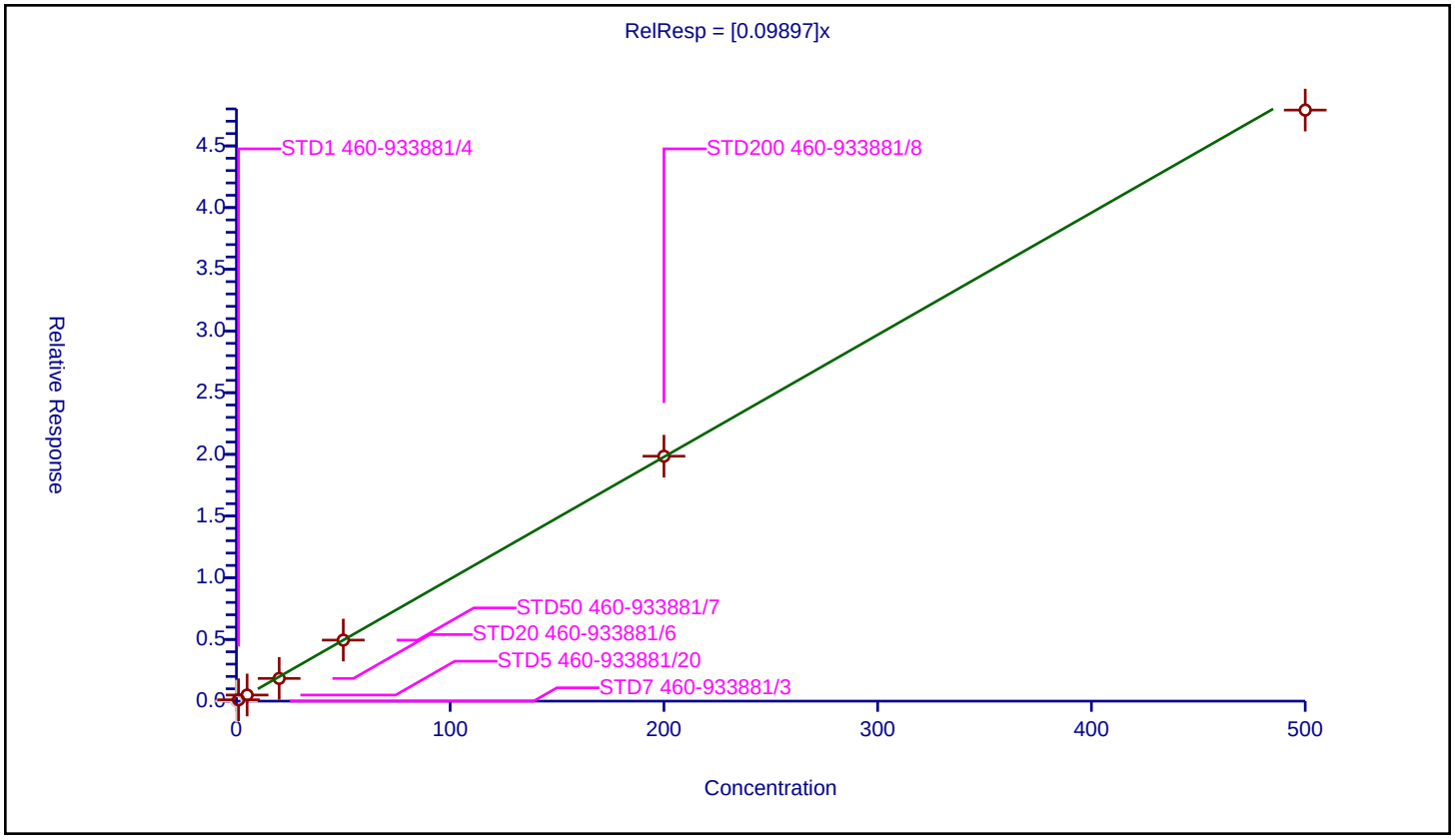
Curve Coefficients

Intercept:	0
Slope:	0.09897

Error Coefficients

Standard Error:	363000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.108943	50.0	637028.0	0.108943	Y
3	STD5 460-933881/20	5.0	0.494418	50.0	604954.0	0.098884	Y
4	STD20 460-933881/6	20.0	1.839842	50.0	748597.0	0.091992	Y
5	STD50 460-933881/7	50.0	4.945396	50.0	743631.0	0.098908	Y
6	STD200 460-933881/8	200.0	19.851901	50.0	761247.0	0.09926	Y
7	STD500 460-933881/9	500.0	47.905605	50.0	780822.0	0.095811	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

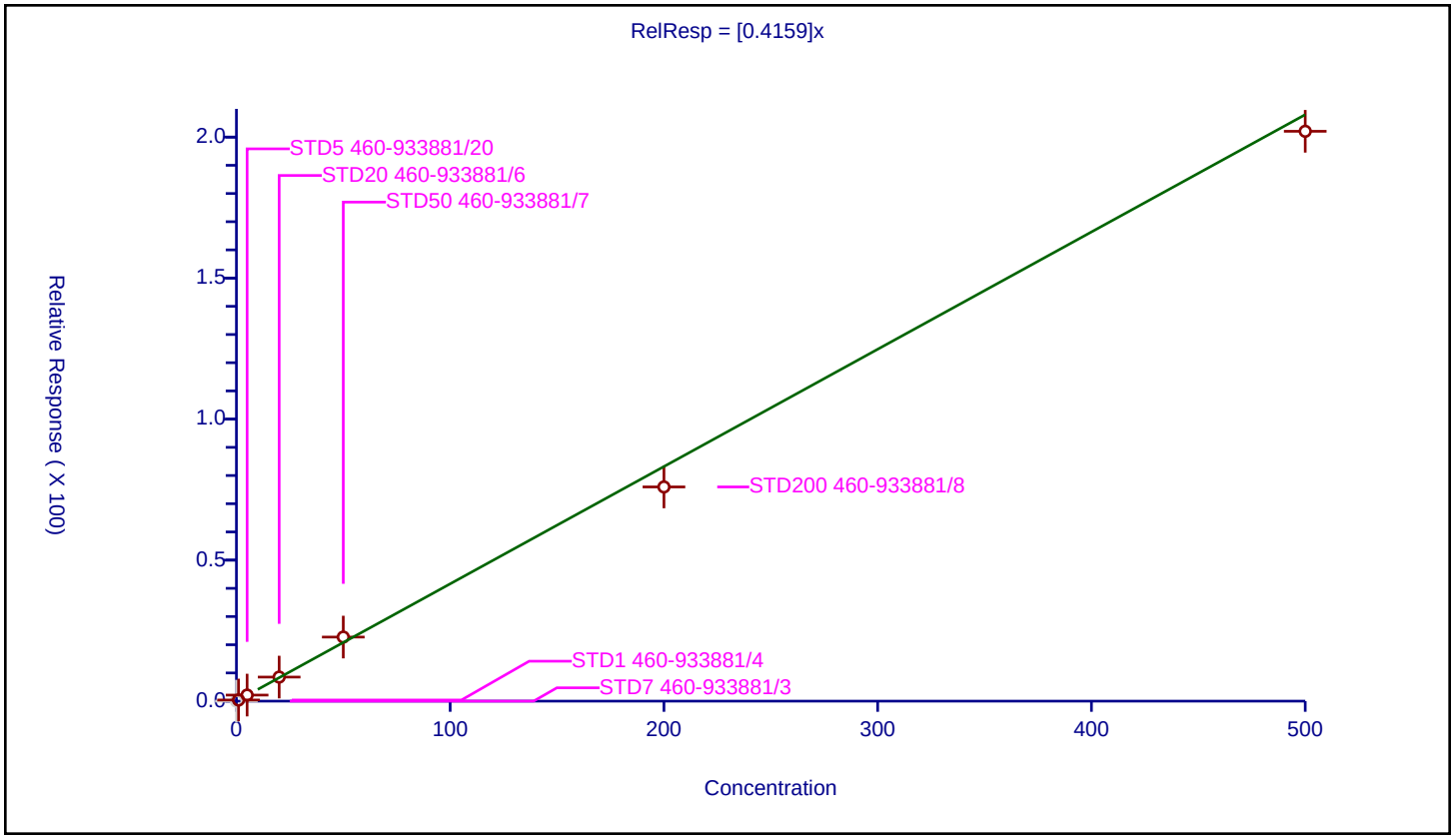
Curve Coefficients

Intercept:	0
Slope:	0.4159

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.401395	50.0	637028.0	0.401395	Y
3	STD5 460-933881/20	5.0	2.147353	50.0	604954.0	0.429471	Y
4	STD20 460-933881/6	20.0	8.528487	50.0	748597.0	0.426424	Y
5	STD50 460-933881/7	50.0	22.71671	50.0	743631.0	0.454334	Y
6	STD200 460-933881/8	200.0	75.948148	50.0	761247.0	0.379741	Y
7	STD500 460-933881/9	500.0	202.058023	50.0	780822.0	0.404116	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

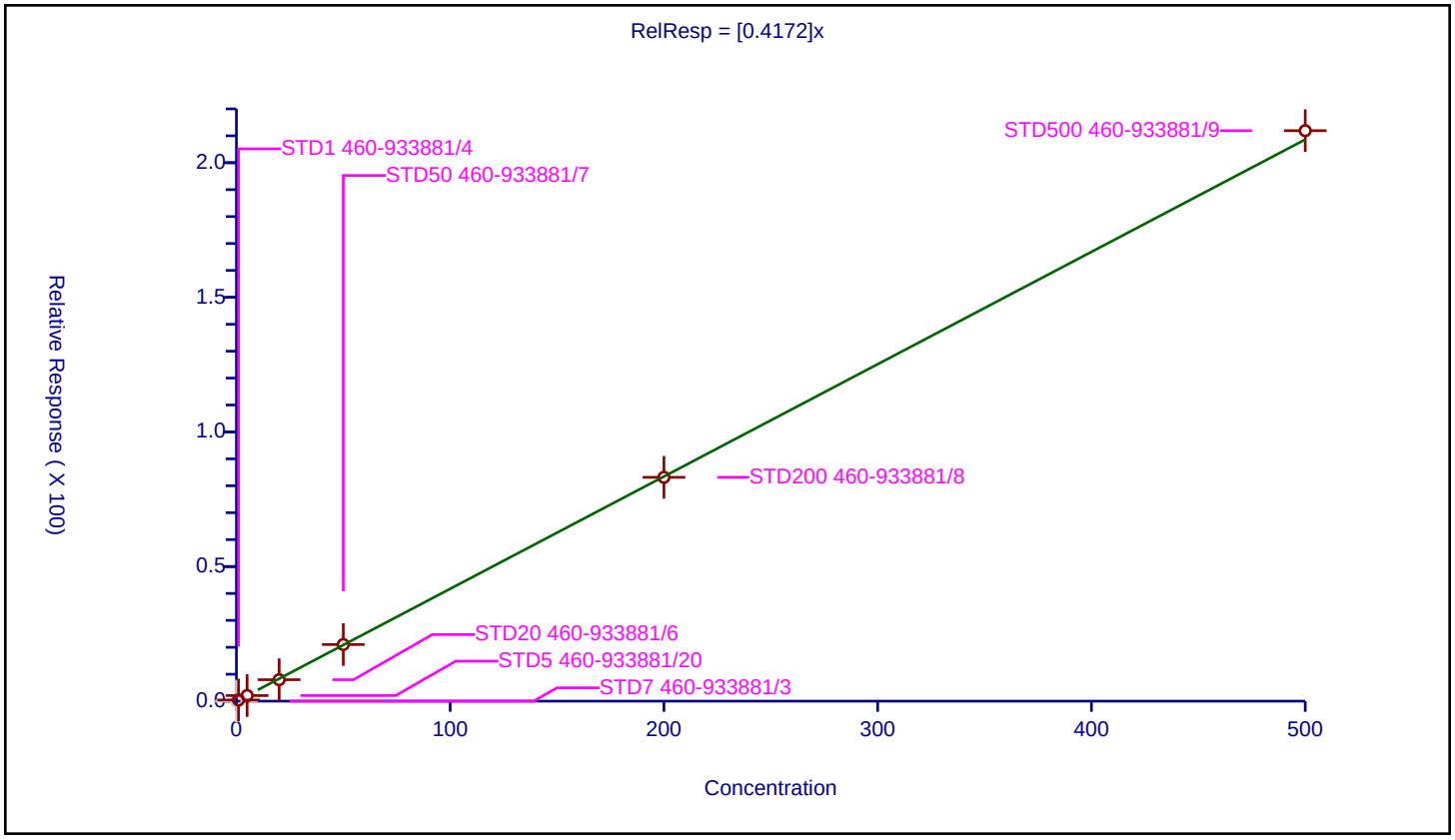
Curve Coefficients

Intercept:	0
Slope:	0.4172

Error Coefficients

Standard Error:	1590000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.431221	50.0	637028.0	0.431221	Y
3	STD5 460-933881/20	5.0	2.071232	50.0	604954.0	0.414246	Y
4	STD20 460-933881/6	20.0	7.954681	50.0	748597.0	0.397734	Y
5	STD50 460-933881/7	50.0	21.02965	50.0	743631.0	0.420593	Y
6	STD200 460-933881/8	200.0	83.140886	50.0	761247.0	0.415704	Y
7	STD500 460-933881/9	500.0	211.903097	50.0	780822.0	0.423806	Y



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Calibration / Ethyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

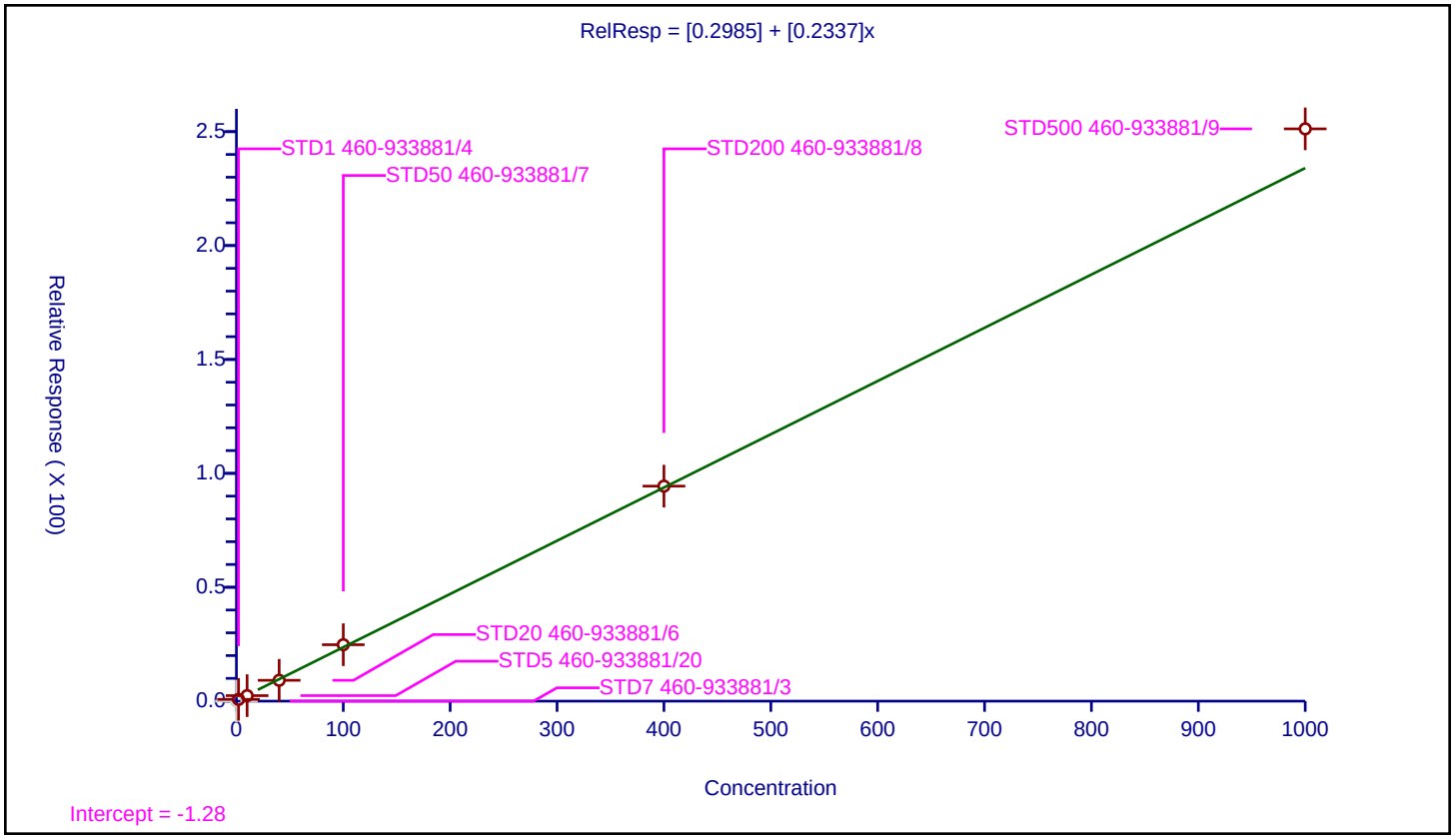
Curve Coefficients

Intercept:	0.2985
Slope:	0.2337

Error Coefficients

Standard Error:	134000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	2.0	0.775523	250.0	191806.0	0.387762	Y
3	STD5 460-933881/20	10.0	2.413538	250.0	203125.0	0.241354	Y
4	STD20 460-933881/6	40.0	9.154166	250.0	223259.0	0.228854	Y
5	STD50 460-933881/7	100.0	24.771066	250.0	229542.0	0.247711	Y
6	STD200 460-933881/8	400.0	94.387517	250.0	256954.0	0.235969	Y
7	STD500 460-933881/9	1000.0	251.234394	250.0	248300.0	0.251234	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

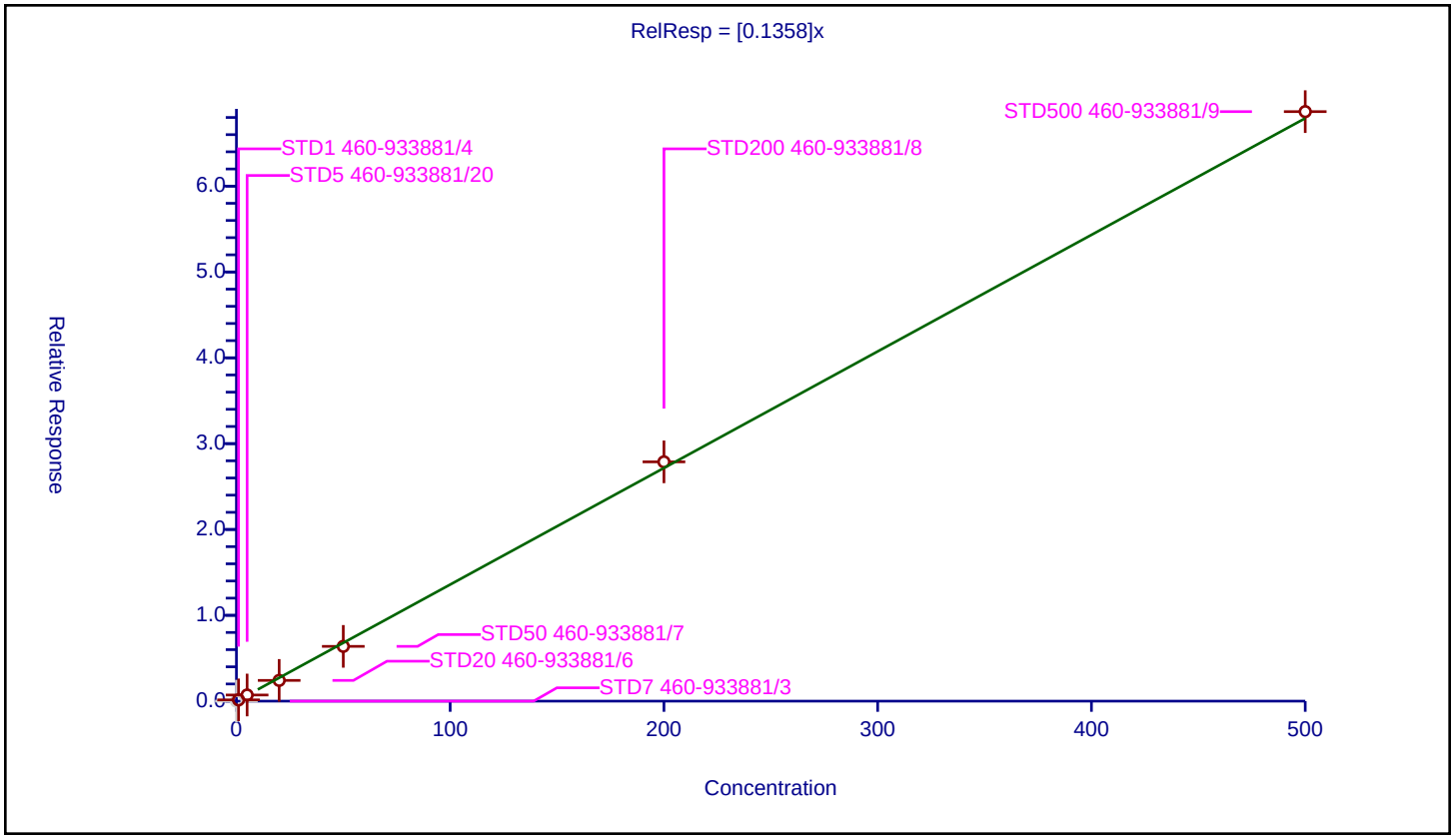
Curve Coefficients

Intercept:	0
Slope:	0.1358

Error Coefficients

Standard Error:	518000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.146932	50.0	637028.0	0.146932	Y
3	STD5 460-933881/20	5.0	0.713691	50.0	604954.0	0.142738	Y
4	STD20 460-933881/6	20.0	2.416187	50.0	748597.0	0.120809	Y
5	STD50 460-933881/7	50.0	6.381861	50.0	743631.0	0.127637	Y
6	STD200 460-933881/8	200.0	27.877417	50.0	761247.0	0.139387	Y
7	STD500 460-933881/9	500.0	68.680058	50.0	780822.0	0.13736	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

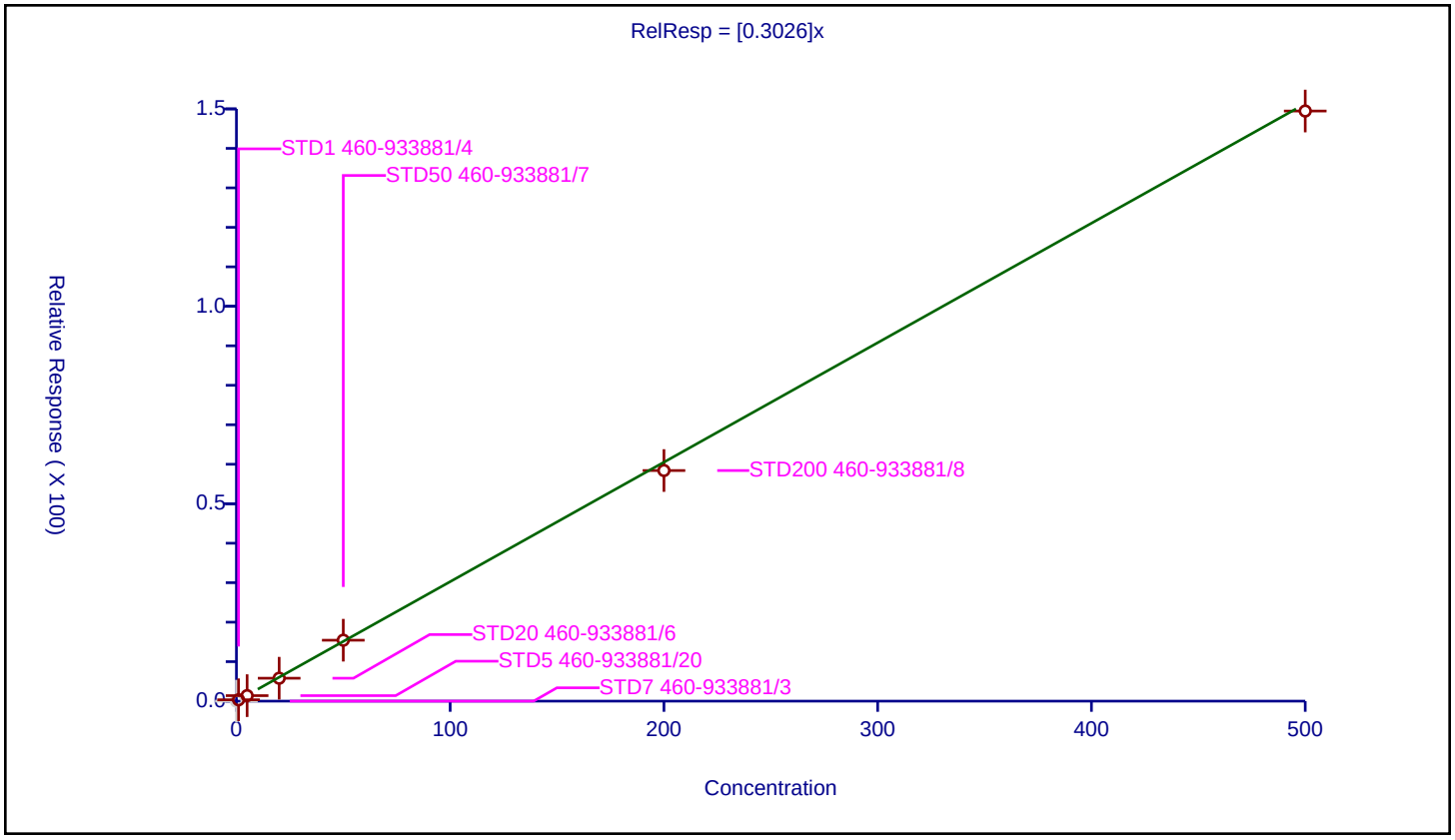
Curve Coefficients

Intercept:	0
Slope:	0.3026

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.346924	50.0	637028.0	0.346924	Y
3	STD5 460-933881/20	5.0	1.39399	50.0	604954.0	0.278798	Y
4	STD20 460-933881/6	20.0	5.805727	50.0	748597.0	0.290286	Y
5	STD50 460-933881/7	50.0	15.432856	50.0	743631.0	0.308657	Y
6	STD200 460-933881/8	200.0	58.408178	50.0	761247.0	0.292041	Y
7	STD500 460-933881/9	500.0	149.463578	50.0	780822.0	0.298927	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

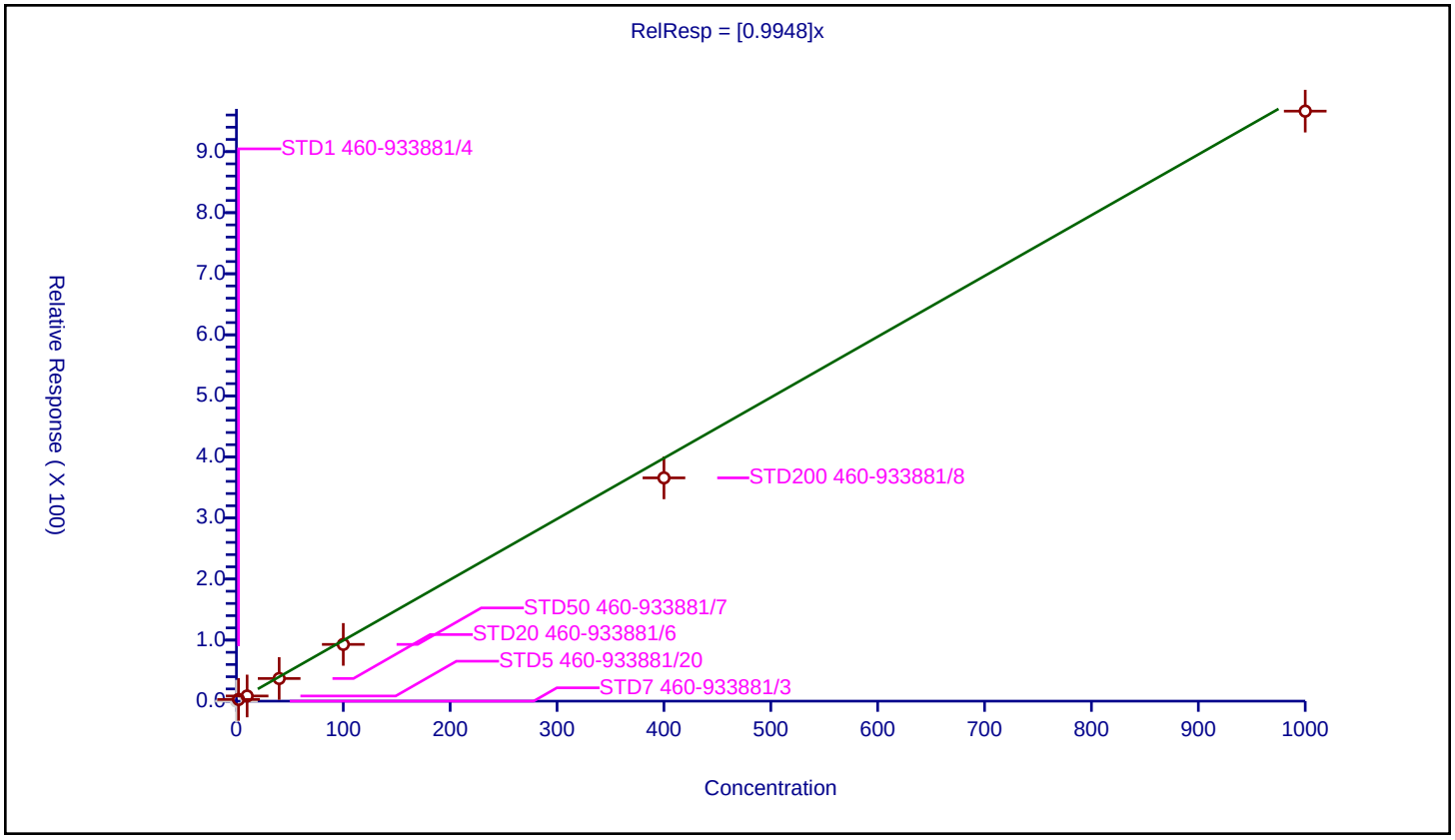
Curve Coefficients

Intercept:	0
Slope:	0.9948

Error Coefficients

Standard Error:	462000
Relative Standard Error:	19.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.945

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	2.0	2.780153	250.0	191806.0	1.390076	Y
3	STD5 460-933881/20	10.0	8.430769	250.0	203125.0	0.843077	Y
4	STD20 460-933881/6	40.0	37.04218	250.0	223259.0	0.926054	Y
5	STD50 460-933881/7	100.0	92.917636	250.0	229542.0	0.929176	Y
6	STD200 460-933881/8	400.0	365.674401	250.0	256954.0	0.914186	Y
7	STD500 460-933881/9	1000.0	966.345147	250.0	248300.0	0.966345	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

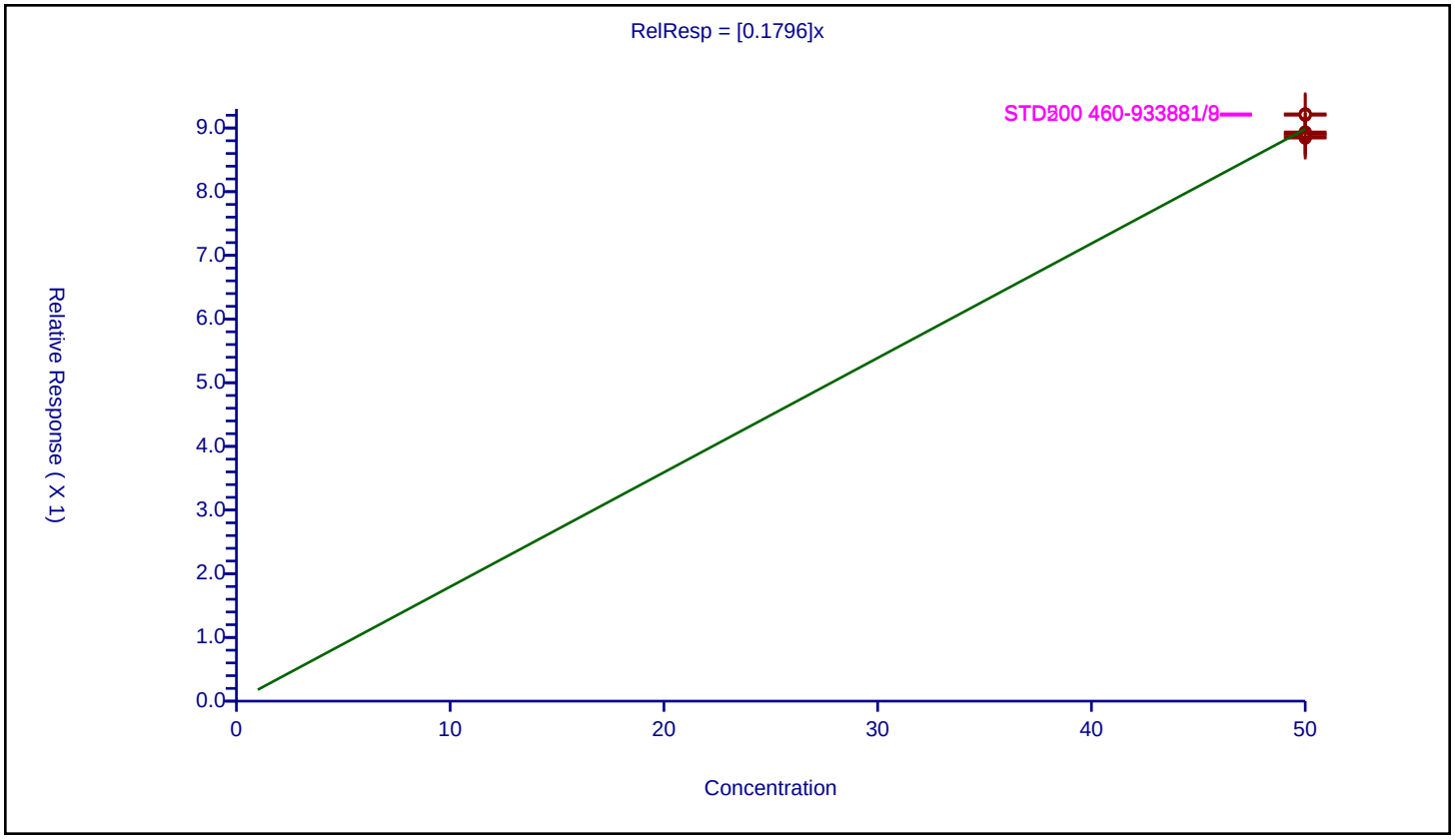
Curve Coefficients

Intercept:	0
Slope:	0.1796

Error Coefficients

Standard Error:	137000
Relative Standard Error:	1.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	50.0	8.86382	50.0	629689.0	0.177276	Y
2	STD1 460-933881/4	50.0	8.90526	50.0	637028.0	0.178105	Y
3	STD20 460-933881/6	50.0	8.902854	50.0	748597.0	0.178057	Y
4	STD50 460-933881/7	50.0	8.841482	50.0	743631.0	0.17683	Y
5	STD200 460-933881/8	50.0	9.200299	50.0	761247.0	0.184006	Y
6	STD500 460-933881/9	50.0	9.222781	50.0	780822.0	0.184456	Y
7	STD5 460-933881/20	50.0	8.9382	50.0	604954.0	0.178764	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

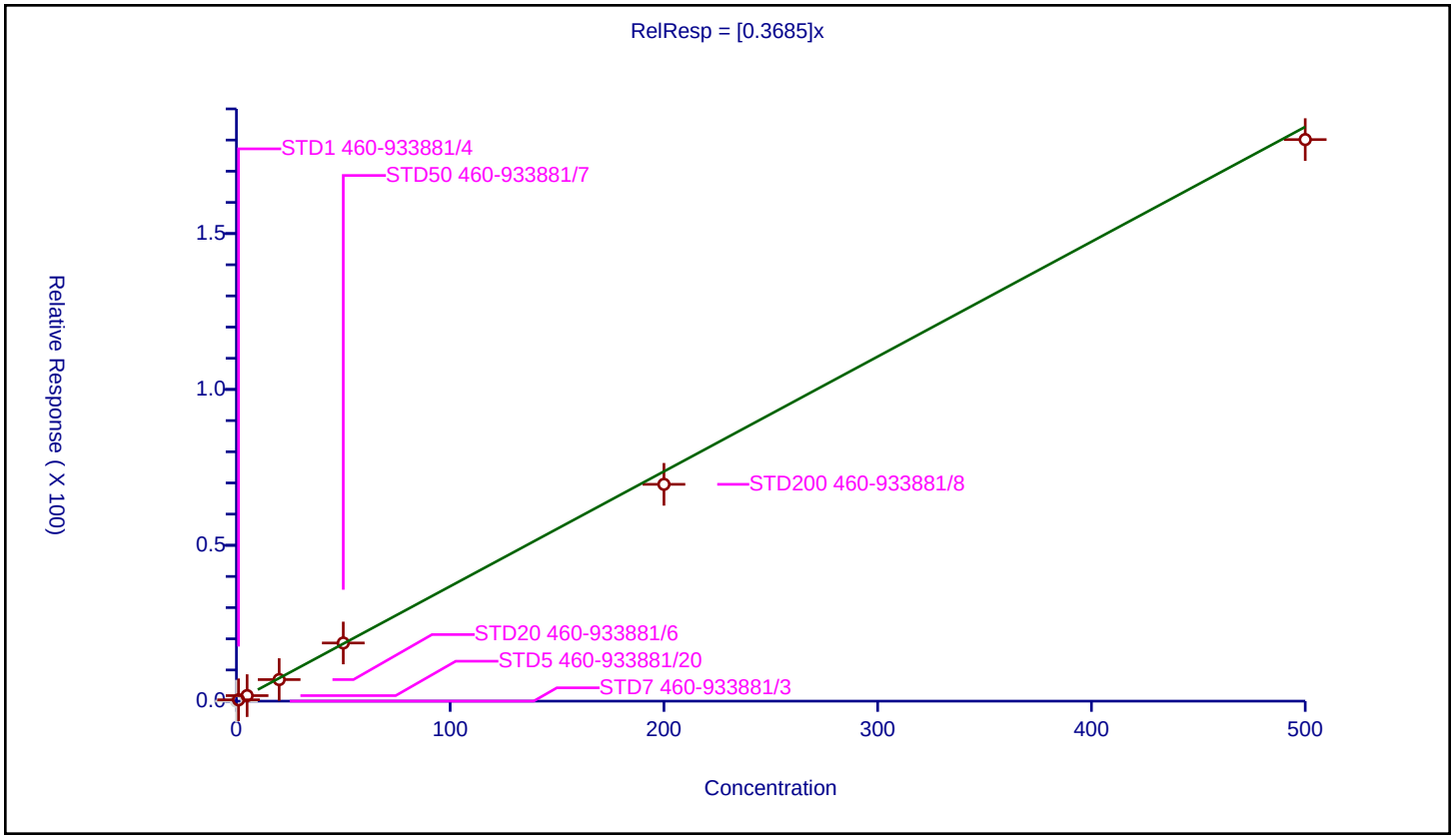
Curve Coefficients

Intercept:	0
Slope:	0.3685

Error Coefficients

Standard Error:	1350000
Relative Standard Error:	8.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.428788	50.0	637028.0	0.428788	Y
3	STD5 460-933881/20	5.0	1.775259	50.0	604954.0	0.355052	Y
4	STD20 460-933881/6	20.0	6.914535	50.0	748597.0	0.345727	Y
5	STD50 460-933881/7	50.0	18.656296	50.0	743631.0	0.373126	Y
6	STD200 460-933881/8	200.0	69.552327	50.0	761247.0	0.347762	Y
7	STD500 460-933881/9	500.0	180.1481	50.0	780822.0	0.360296	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

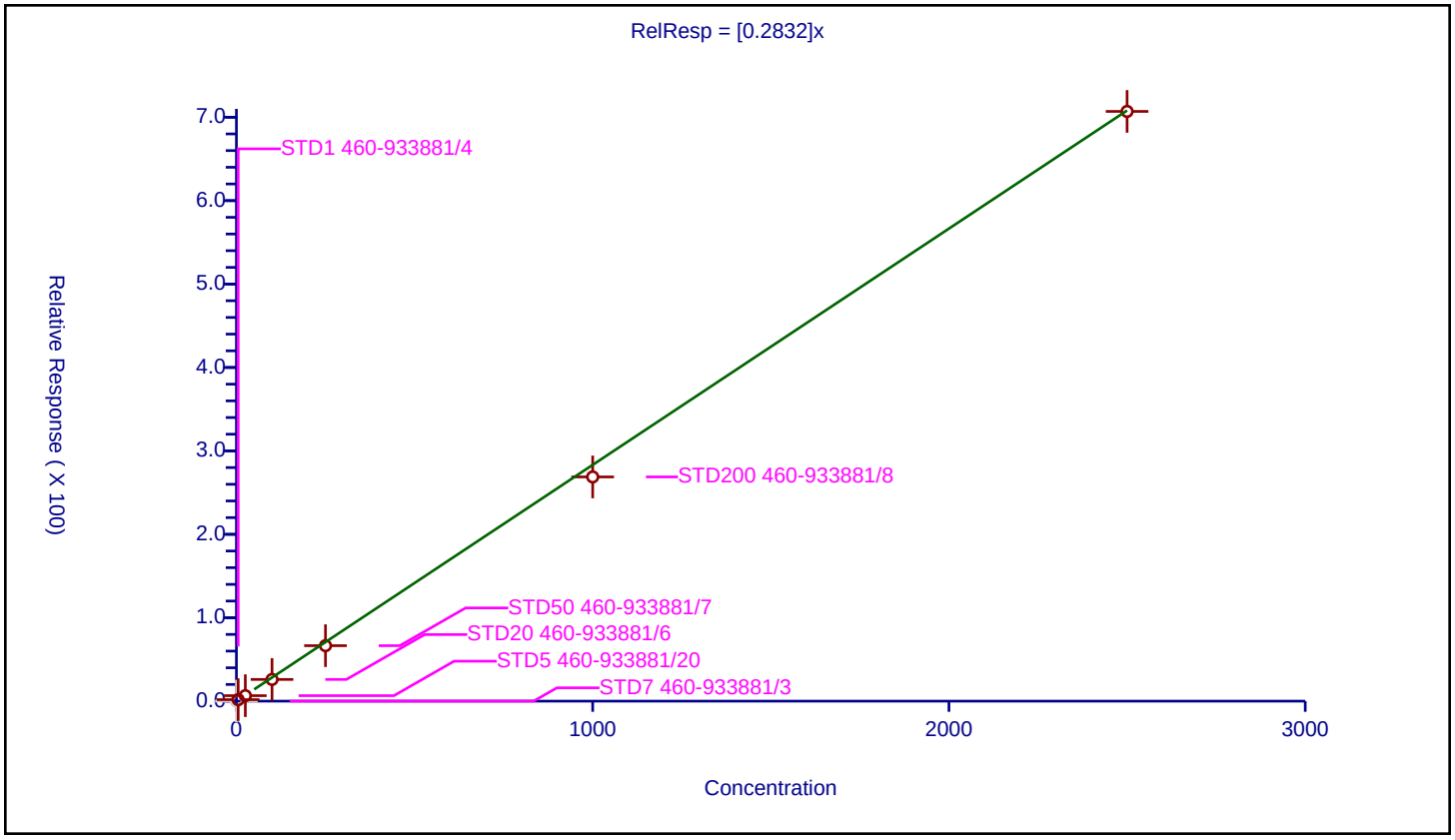
Curve Coefficients

Intercept:	0
Slope:	0.2832

Error Coefficients

Standard Error:	338000
Relative Standard Error:	13.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	5.0	1.794782	250.0	191806.0	0.358956	Y
3	STD5 460-933881/20	25.0	6.572308	250.0	203125.0	0.262892	Y
4	STD20 460-933881/6	100.0	25.997832	250.0	223259.0	0.259978	Y
5	STD50 460-933881/7	250.0	66.498724	250.0	229542.0	0.265995	Y
6	STD200 460-933881/8	1000.0	268.785464	250.0	256954.0	0.268785	Y
7	STD500 460-933881/9	2500.0	706.967378	250.0	248300.0	0.282787	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

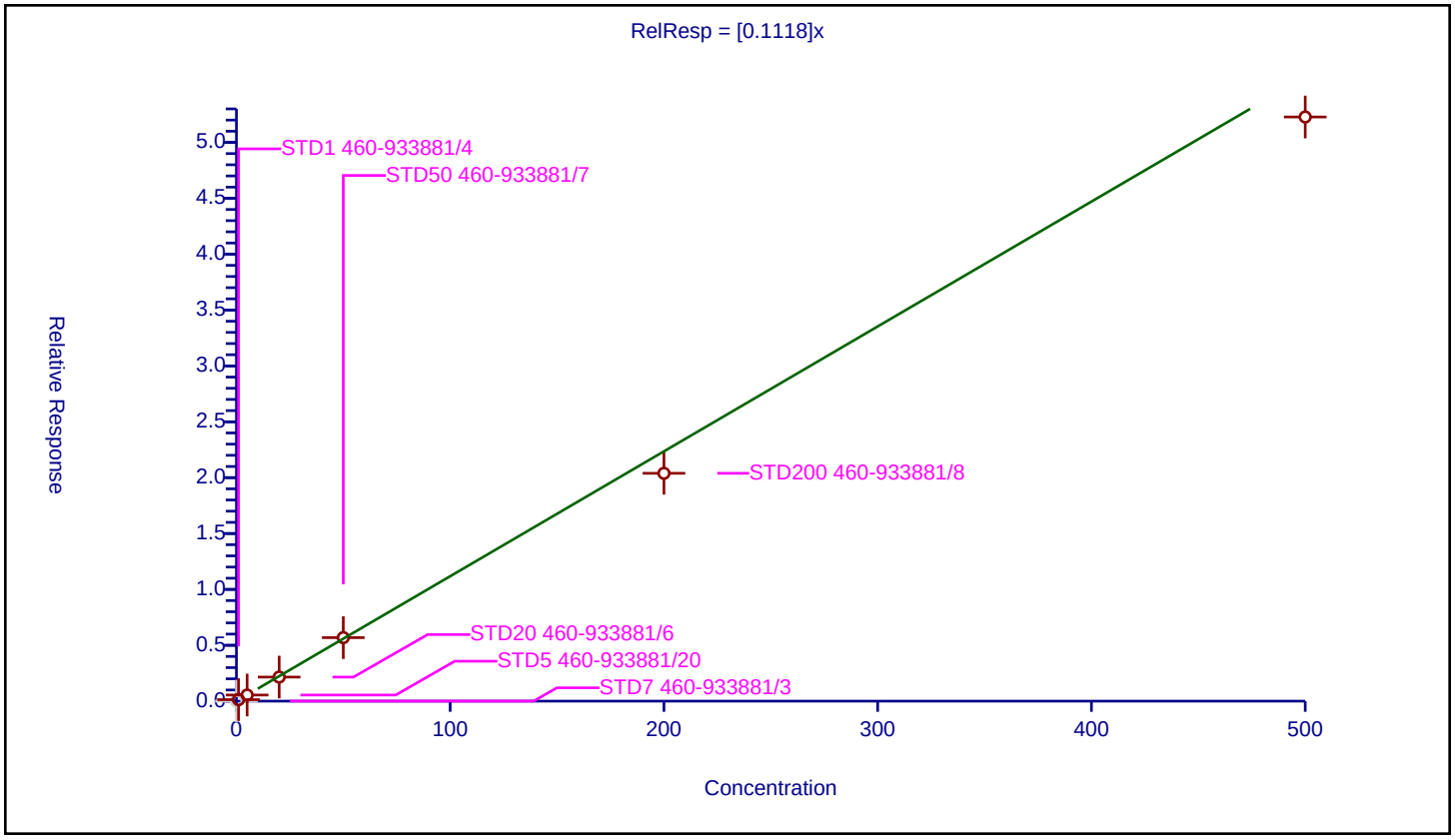
Curve Coefficients

Intercept:	0
Slope:	0.1118

Error Coefficients

Standard Error:	393000
Relative Standard Error:	10.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.133589	50.0	637028.0	0.133589	Y
3	STD5 460-933881/20	5.0	0.545909	50.0	604954.0	0.109182	Y
4	STD20 460-933881/6	20.0	2.153094	50.0	748597.0	0.107655	Y
5	STD50 460-933881/7	50.0	5.682523	50.0	743631.0	0.11365	Y
6	STD200 460-933881/8	200.0	20.389965	50.0	761247.0	0.10195	Y
7	STD500 460-933881/9	500.0	52.27427	50.0	780822.0	0.104549	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

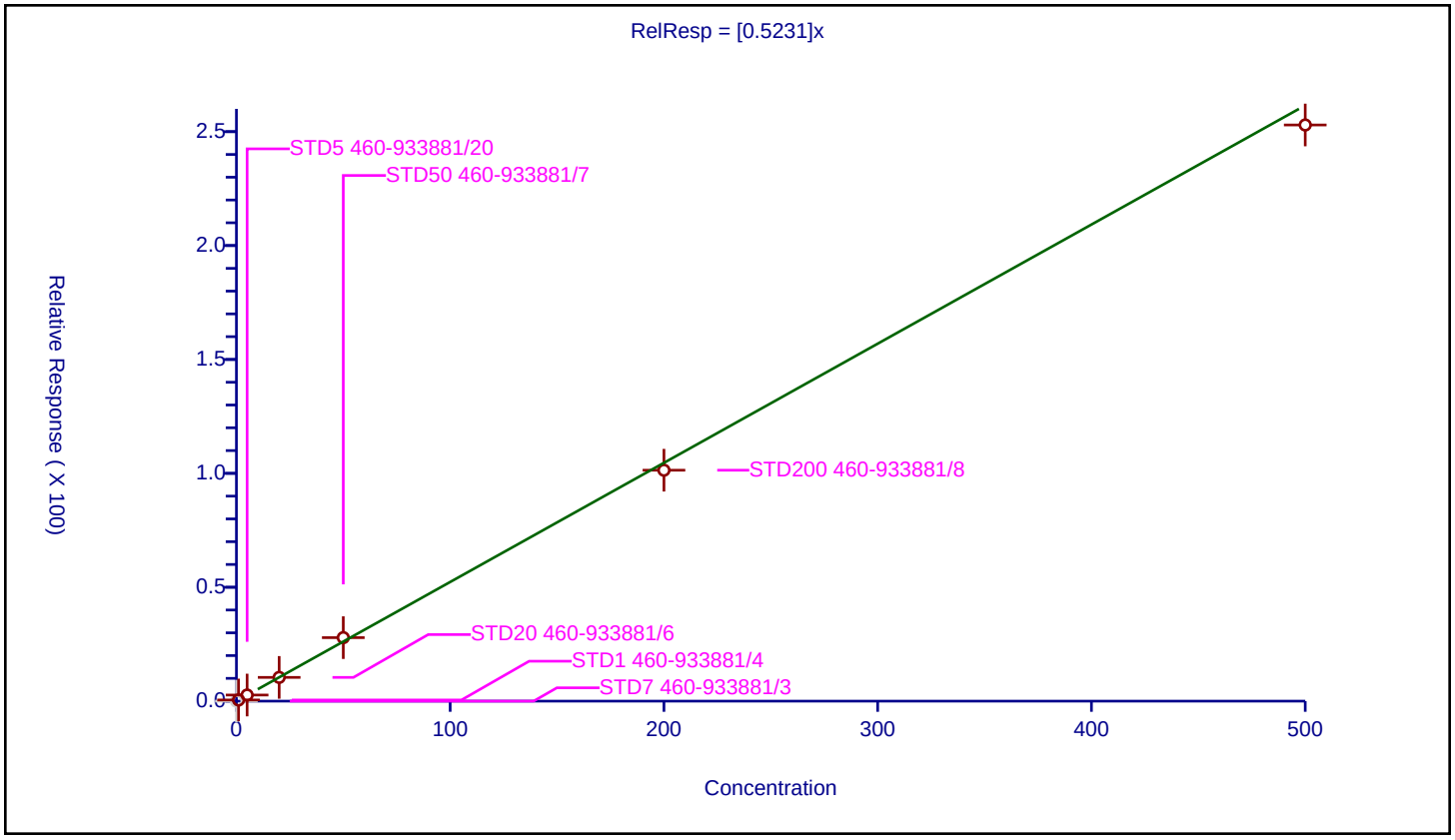
Curve Coefficients

Intercept:	0
Slope:	0.5231

Error Coefficients

Standard Error:	1910000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.510731	50.0	637028.0	0.510731	Y
3	STD5 460-933881/20	5.0	2.681361	50.0	604954.0	0.536272	Y
4	STD20 460-933881/6	20.0	10.421161	50.0	748597.0	0.521058	Y
5	STD50 460-933881/7	50.0	27.879755	50.0	743631.0	0.557595	Y
6	STD200 460-933881/8	200.0	101.377083	50.0	761247.0	0.506885	Y
7	STD500 460-933881/9	500.0	252.94158	50.0	780822.0	0.505883	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

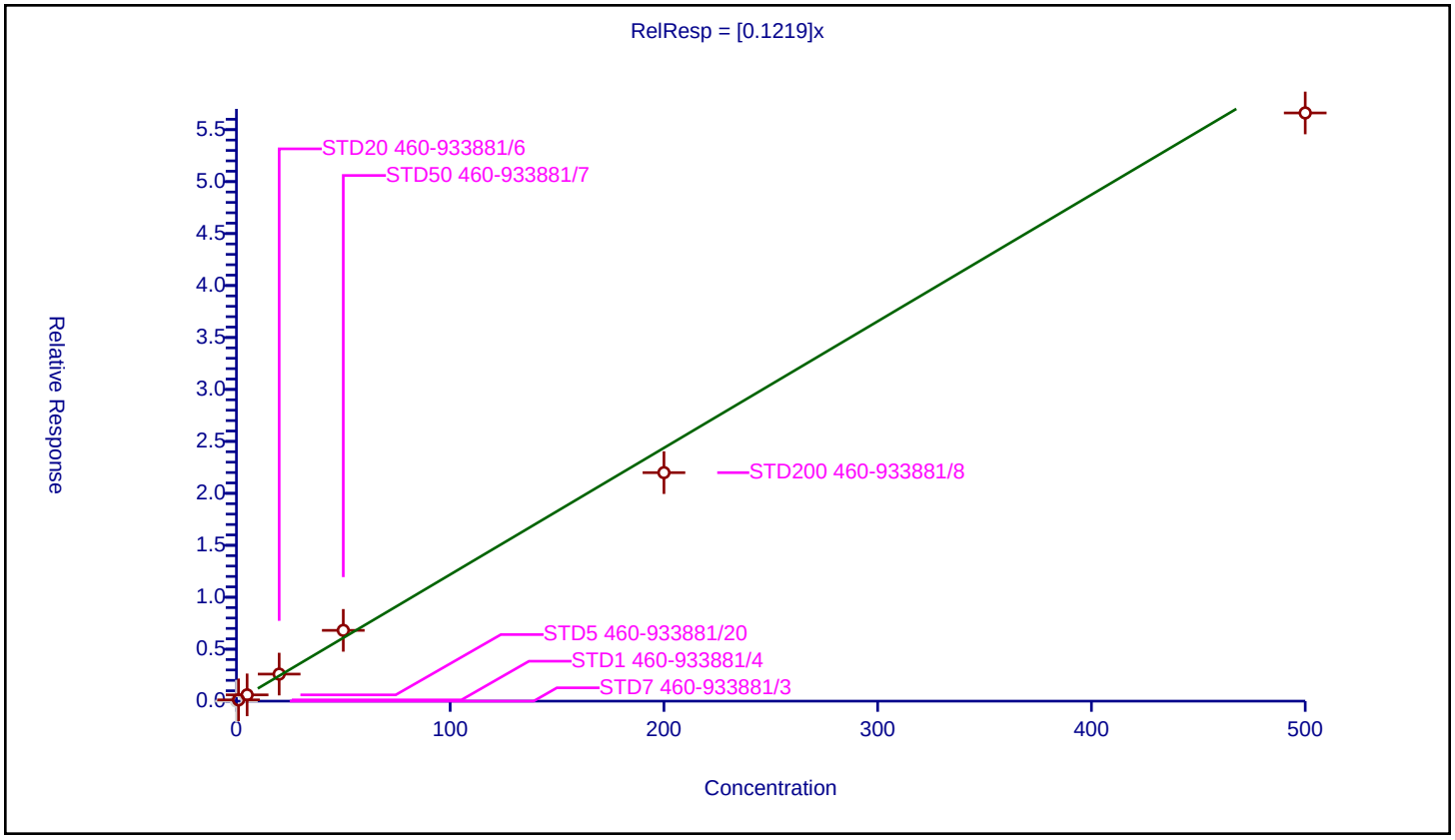
Curve Coefficients

Intercept:	0
Slope:	0.1219

Error Coefficients

Standard Error:	426000
Relative Standard Error:	8.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.120717	50.0	637028.0	0.120717	Y
3	STD5 460-933881/20	5.0	0.604096	50.0	604954.0	0.120819	Y
4	STD20 460-933881/6	20.0	2.603003	50.0	748597.0	0.13015	Y
5	STD50 460-933881/7	50.0	6.812788	50.0	743631.0	0.136256	Y
6	STD200 460-933881/8	200.0	21.991285	50.0	761247.0	0.109956	Y
7	STD500 460-933881/9	500.0	56.609701	50.0	780822.0	0.113219	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

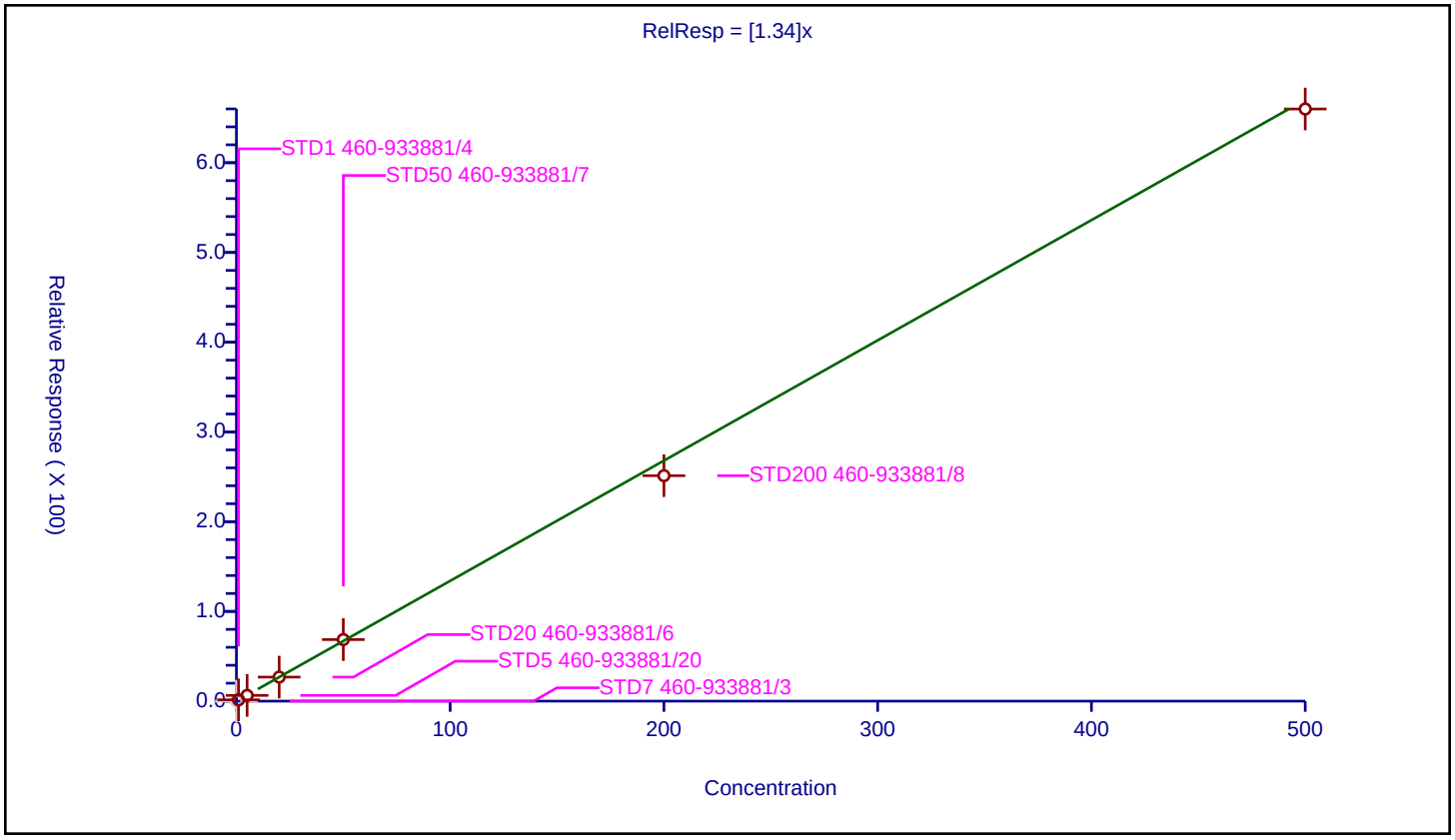
Curve Coefficients

Intercept:	0
Slope:	1.34

Error Coefficients

Standard Error:	3630000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	1.476372	50.0	467836.0	1.476372	Y
3	STD5 460-933881/20	5.0	6.386381	50.0	453324.0	1.277276	Y
4	STD20 460-933881/6	20.0	26.788178	50.0	544968.0	1.339409	Y
5	STD50 460-933881/7	50.0	68.598323	50.0	548657.0	1.371966	Y
6	STD200 460-933881/8	200.0	251.275806	50.0	572344.0	1.256379	Y
7	STD500 460-933881/9	500.0	659.88629	50.0	572510.0	1.319773	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

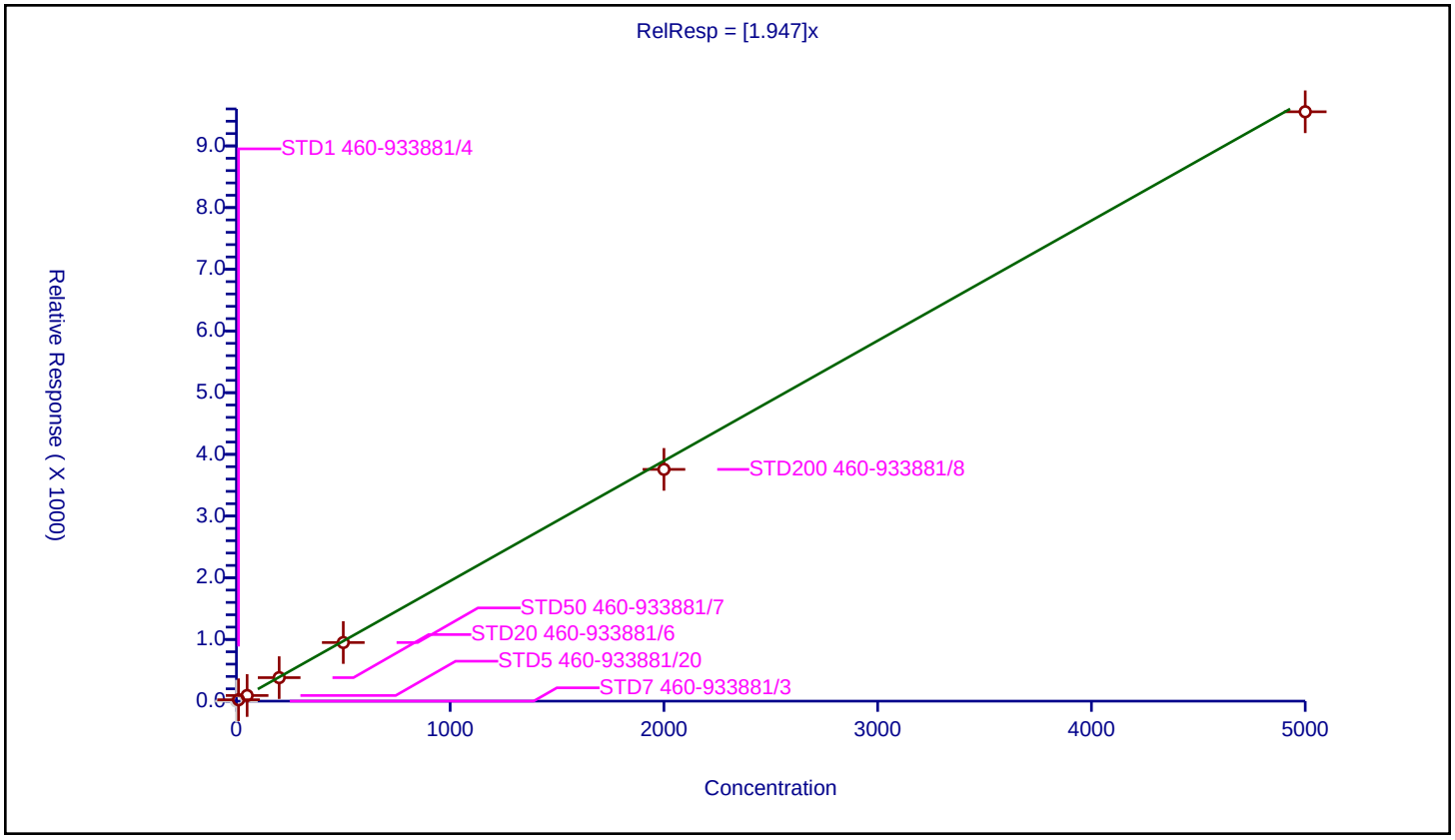
Curve Coefficients

Intercept:	0
Slope:	1.947

Error Coefficients

Standard Error:	783000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	10.0	22.648084	1000.0	109634.0	2.264808	Y
3	STD5 460-933881/20	50.0	91.316268	1000.0	125476.0	1.826325	Y
4	STD20 460-933881/6	200.0	380.828195	1000.0	135741.0	1.904141	Y
5	STD50 460-933881/7	500.0	950.194856	1000.0	143439.0	1.90039	Y
6	STD200 460-933881/8	2000.0	3756.724444	1000.0	171464.0	1.878362	Y
7	STD500 460-933881/9	5000.0	9553.506053	1000.0	170990.0	1.910701	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

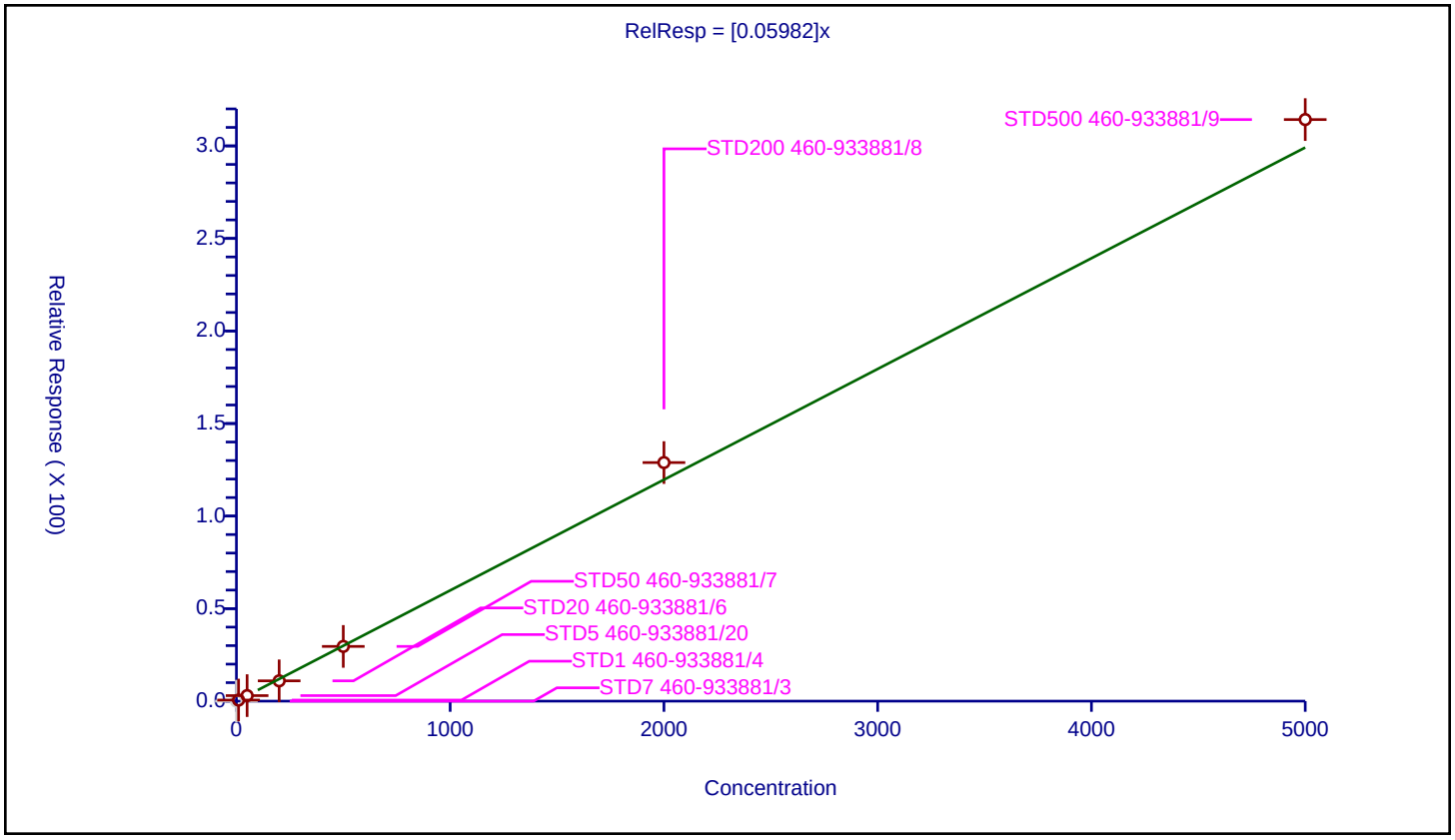
Curve Coefficients

Intercept:	0
Slope:	0.05982

Error Coefficients

Standard Error:	2370000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	10.0	0.578781	50.0	637028.0	0.057878	Y
3	STD5 460-933881/20	50.0	2.990145	50.0	604954.0	0.059803	Y
4	STD20 460-933881/6	200.0	10.966581	50.0	748597.0	0.054833	Y
5	STD50 460-933881/7	500.0	29.566008	50.0	743631.0	0.059132	Y
6	STD200 460-933881/8	2000.0	128.910919	50.0	761247.0	0.064455	Y
7	STD500 460-933881/9	5000.0	314.228147	50.0	780822.0	0.062846	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

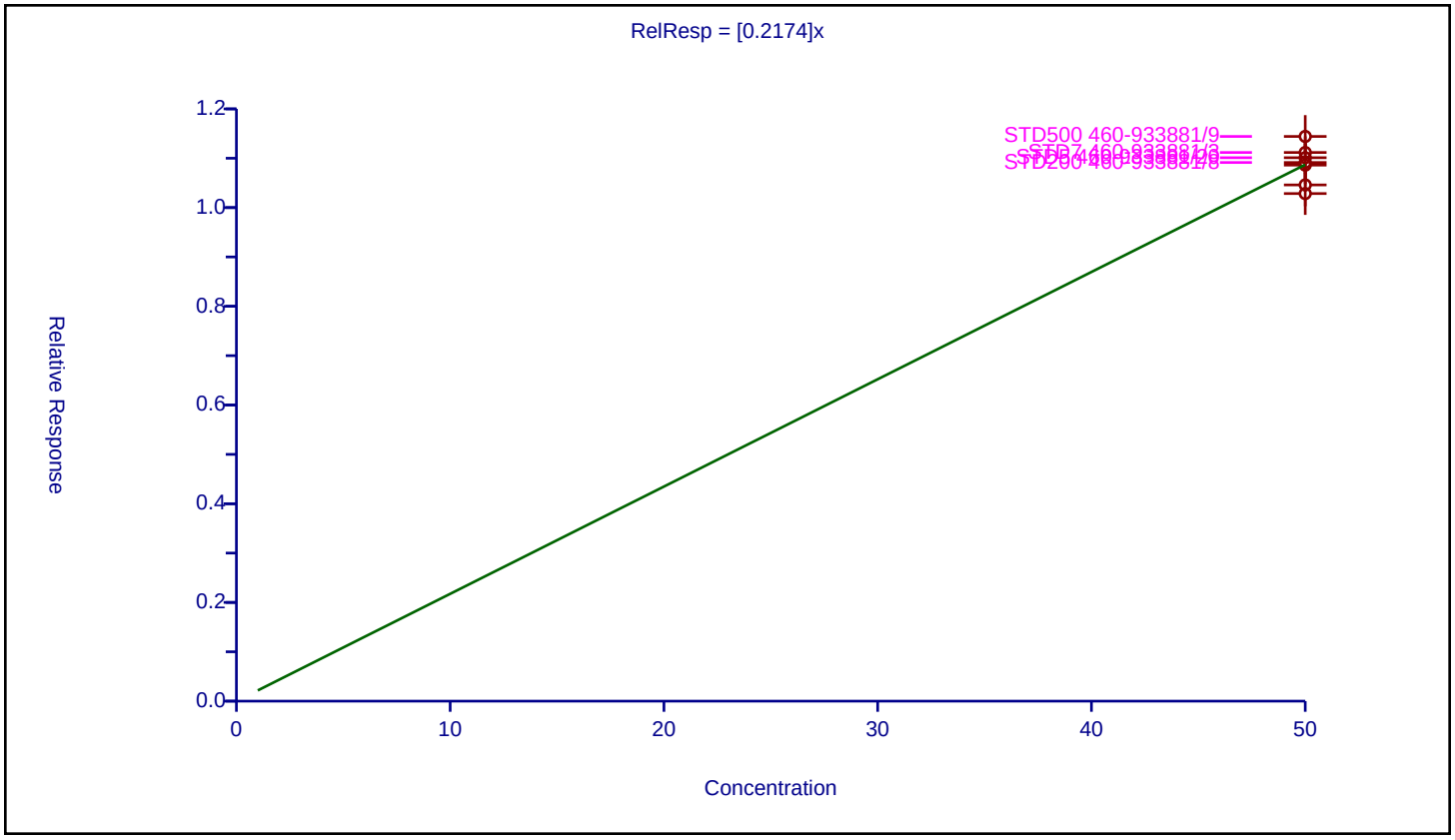
Curve Coefficients

Intercept:	0
Slope:	0.2174

Error Coefficients

Standard Error:	165000
Relative Standard Error:	3.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	50.0	11.116361	50.0	629689.0	0.222327	Y
2	STD1 460-933881/4	50.0	10.86059	50.0	637028.0	0.217212	Y
3	STD20 460-933881/6	50.0	10.284506	50.0	748597.0	0.20569	Y
4	STD50 460-933881/7	50.0	10.45922	50.0	743631.0	0.209184	Y
5	STD200 460-933881/8	50.0	10.913606	50.0	761247.0	0.218272	Y
6	STD500 460-933881/9	50.0	11.441468	50.0	780822.0	0.228829	Y
7	STD5 460-933881/20	50.0	11.011085	50.0	604954.0	0.220222	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

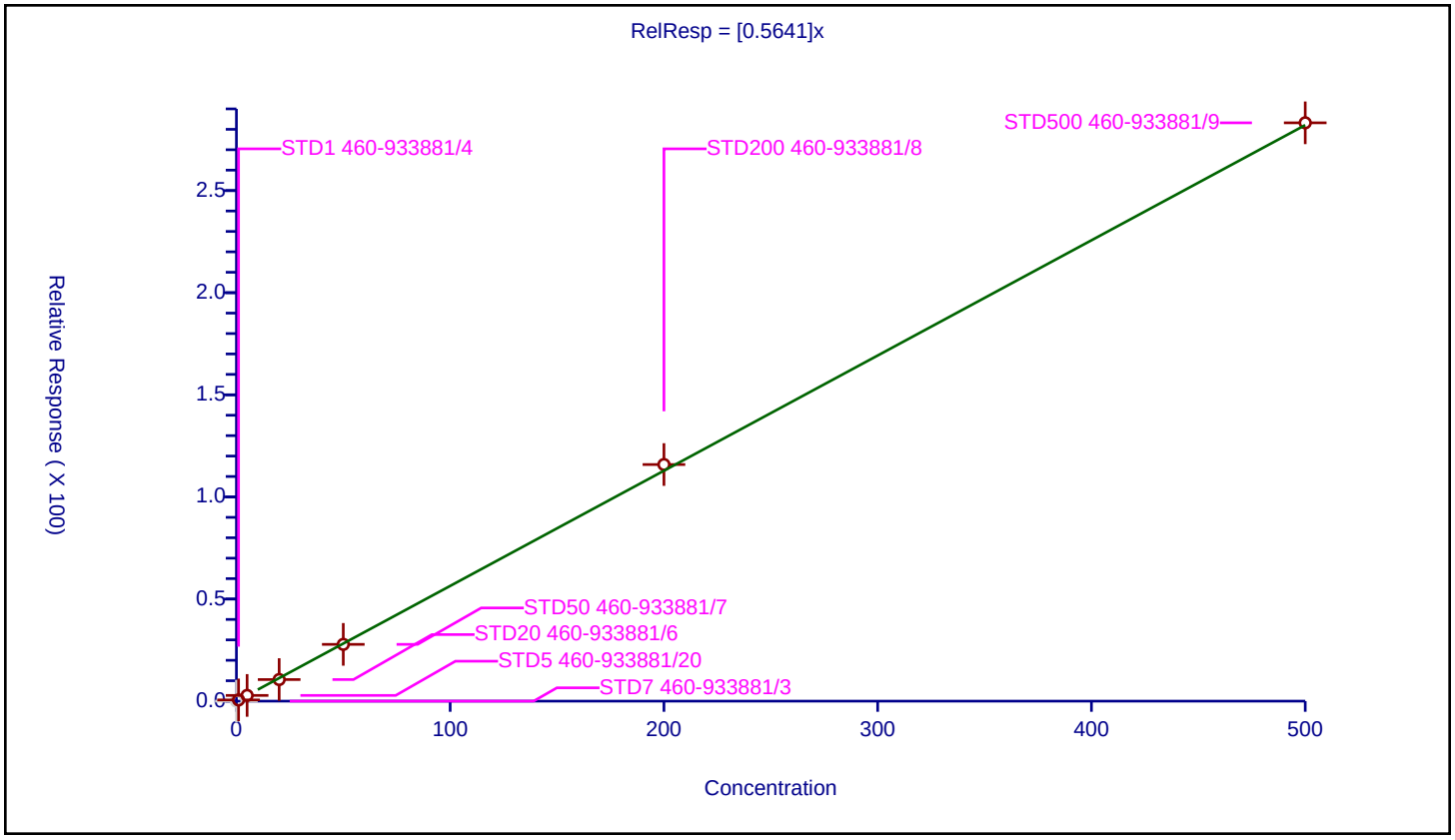
Curve Coefficients

Intercept:	0
Slope:	0.5641

Error Coefficients

Standard Error:	2140000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.594322	50.0	637028.0	0.594322	Y
3	STD5 460-933881/20	5.0	2.801287	50.0	604954.0	0.560257	Y
4	STD20 460-933881/6	20.0	10.574849	50.0	748597.0	0.528742	Y
5	STD50 460-933881/7	50.0	27.792346	50.0	743631.0	0.555847	Y
6	STD200 460-933881/8	200.0	115.857731	50.0	761247.0	0.579289	Y
7	STD500 460-933881/9	500.0	283.176575	50.0	780822.0	0.566353	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

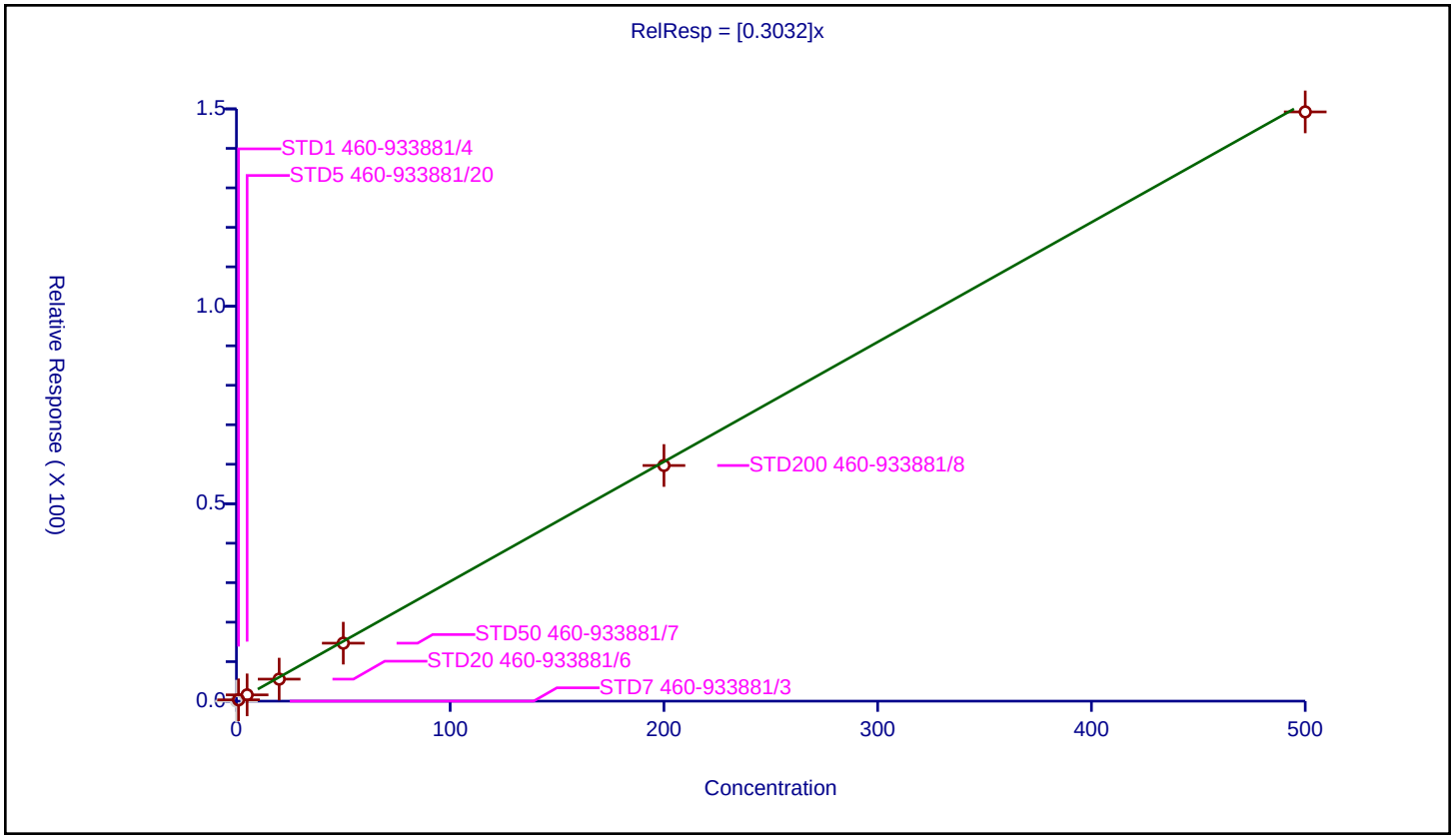
Curve Coefficients

Intercept:	0
Slope:	0.3032

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.331932	50.0	637028.0	0.331932	Y
3	STD5 460-933881/20	5.0	1.58822	50.0	604954.0	0.317644	Y
4	STD20 460-933881/6	20.0	5.578569	50.0	748597.0	0.278928	Y
5	STD50 460-933881/7	50.0	14.683627	50.0	743631.0	0.293673	Y
6	STD200 460-933881/8	200.0	59.682862	50.0	761247.0	0.298414	Y
7	STD500 460-933881/9	500.0	149.235933	50.0	780822.0	0.298472	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

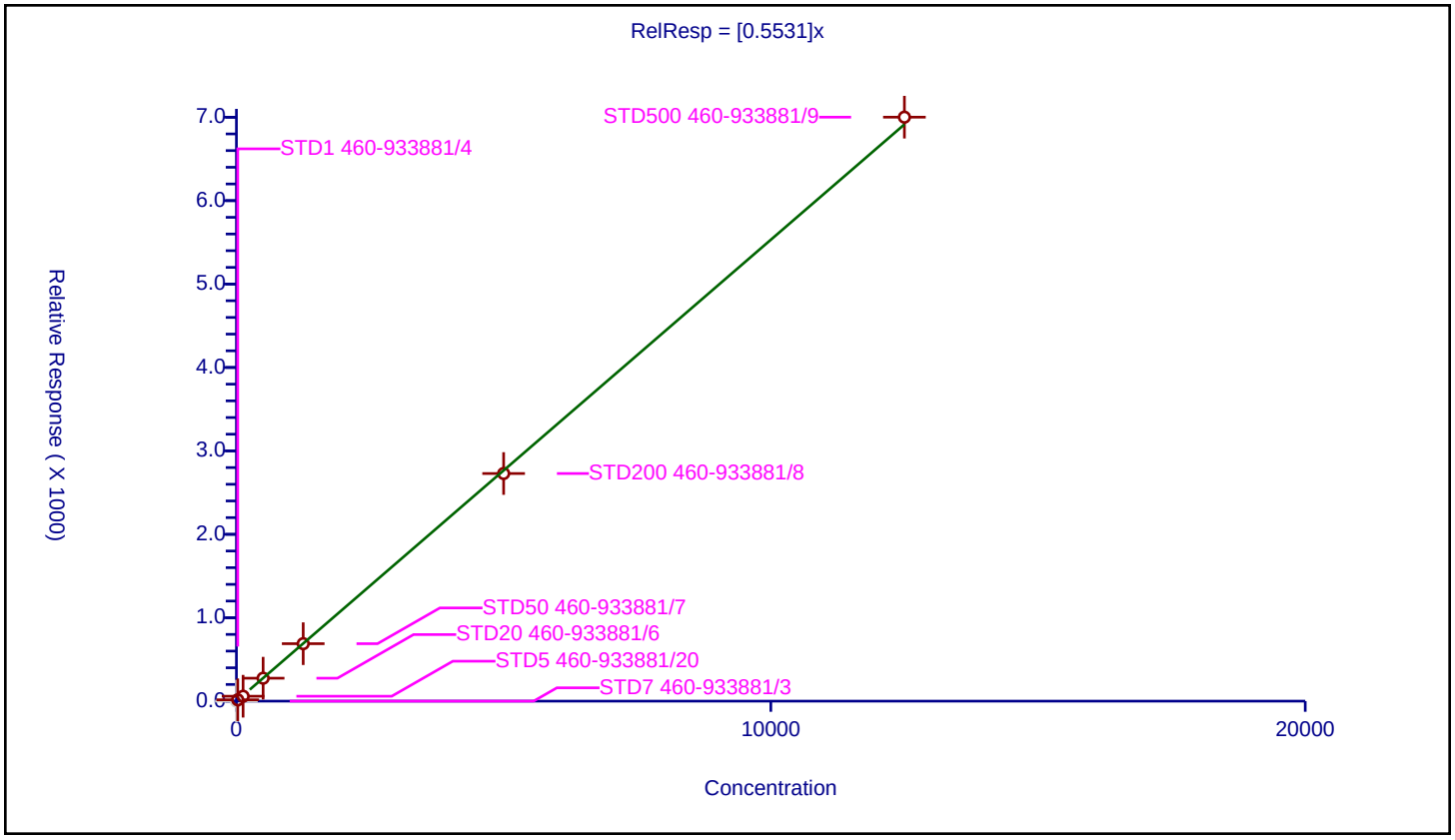
Curve Coefficients

Intercept:	0
Slope:	0.5531

Error Coefficients

Standard Error:	573000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	25.0	16.016929	1000.0	109634.0	0.640677	Y
3	STD5 460-933881/20	125.0	58.895725	1000.0	125476.0	0.471166	Y
4	STD20 460-933881/6	500.0	274.920621	1000.0	135741.0	0.549841	Y
5	STD50 460-933881/7	1250.0	688.878199	1000.0	143439.0	0.551103	Y
6	STD200 460-933881/8	5000.0	2728.706901	1000.0	171464.0	0.545741	Y
7	STD500 460-933881/9	12500.0	7000.818761	1000.0	170990.0	0.560066	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

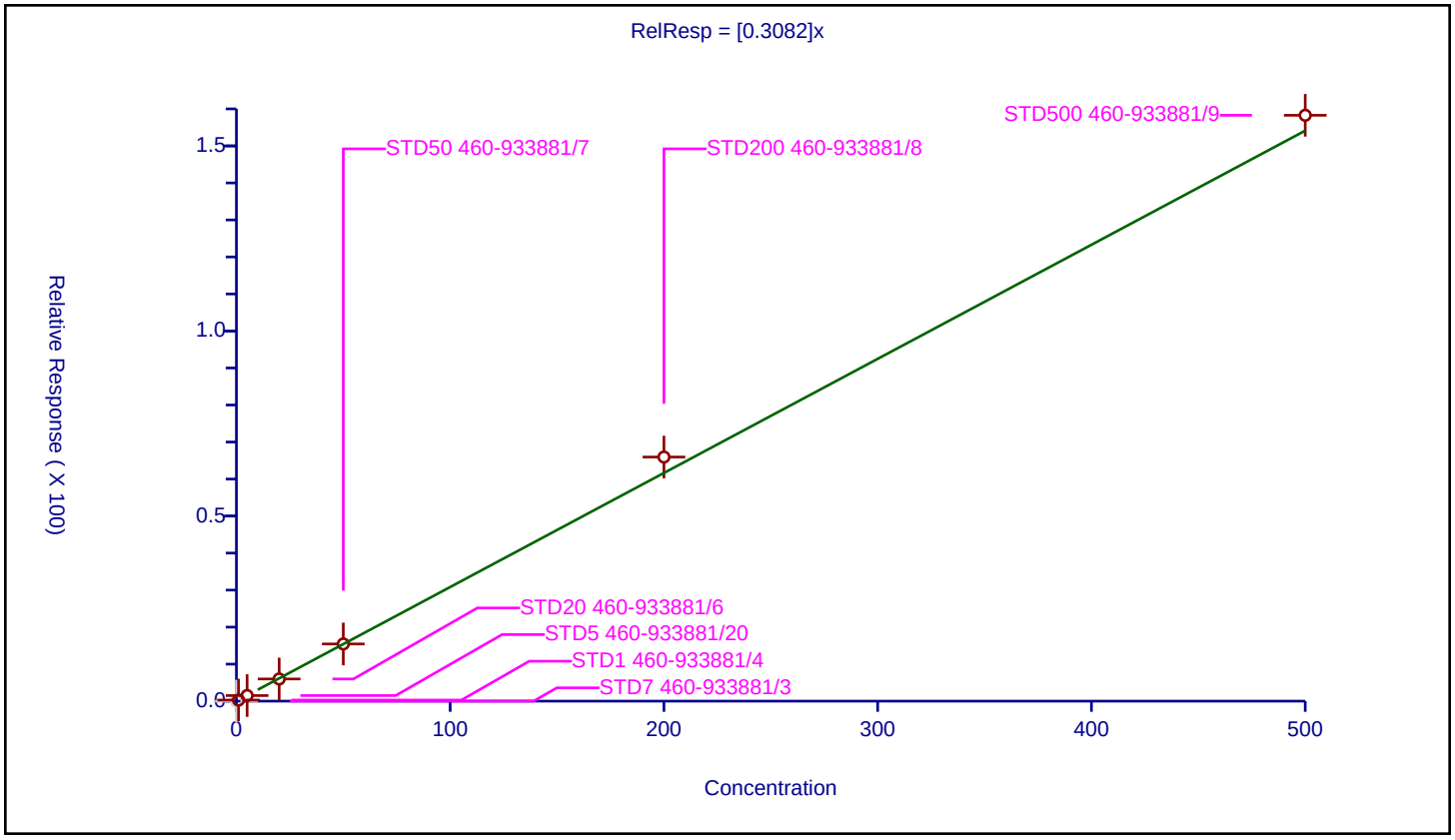
Curve Coefficients

Intercept:	0
Slope:	0.3082

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.292766	50.0	637028.0	0.292766	Y
3	STD5 460-933881/20	5.0	1.510032	50.0	604954.0	0.302006	Y
4	STD20 460-933881/6	20.0	5.987668	50.0	748597.0	0.299383	Y
5	STD50 460-933881/7	50.0	15.44664	50.0	743631.0	0.308933	Y
6	STD200 460-933881/8	200.0	65.944365	50.0	761247.0	0.329722	Y
7	STD500 460-933881/9	500.0	158.27615	50.0	780822.0	0.316552	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

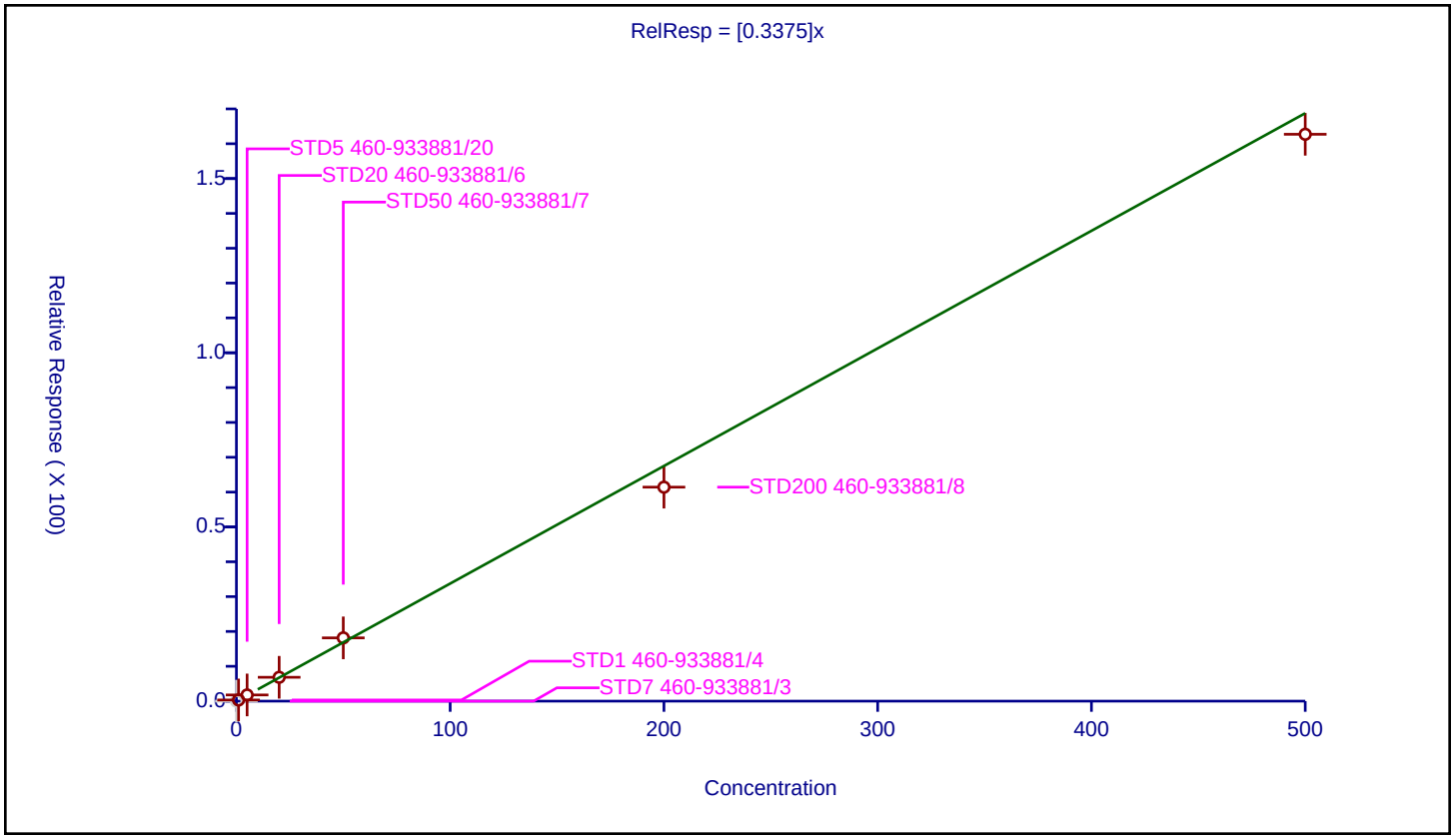
Curve Coefficients

Intercept:	0
Slope:	0.3375

Error Coefficients

Standard Error:	1220000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.331775	50.0	637028.0	0.331775	Y
3	STD5 460-933881/20	5.0	1.776416	50.0	604954.0	0.355283	Y
4	STD20 460-933881/6	20.0	6.844203	50.0	748597.0	0.34221	Y
5	STD50 460-933881/7	50.0	18.162503	50.0	743631.0	0.36325	Y
6	STD200 460-933881/8	200.0	61.420603	50.0	761247.0	0.307103	Y
7	STD500 460-933881/9	500.0	162.713909	50.0	780822.0	0.325428	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

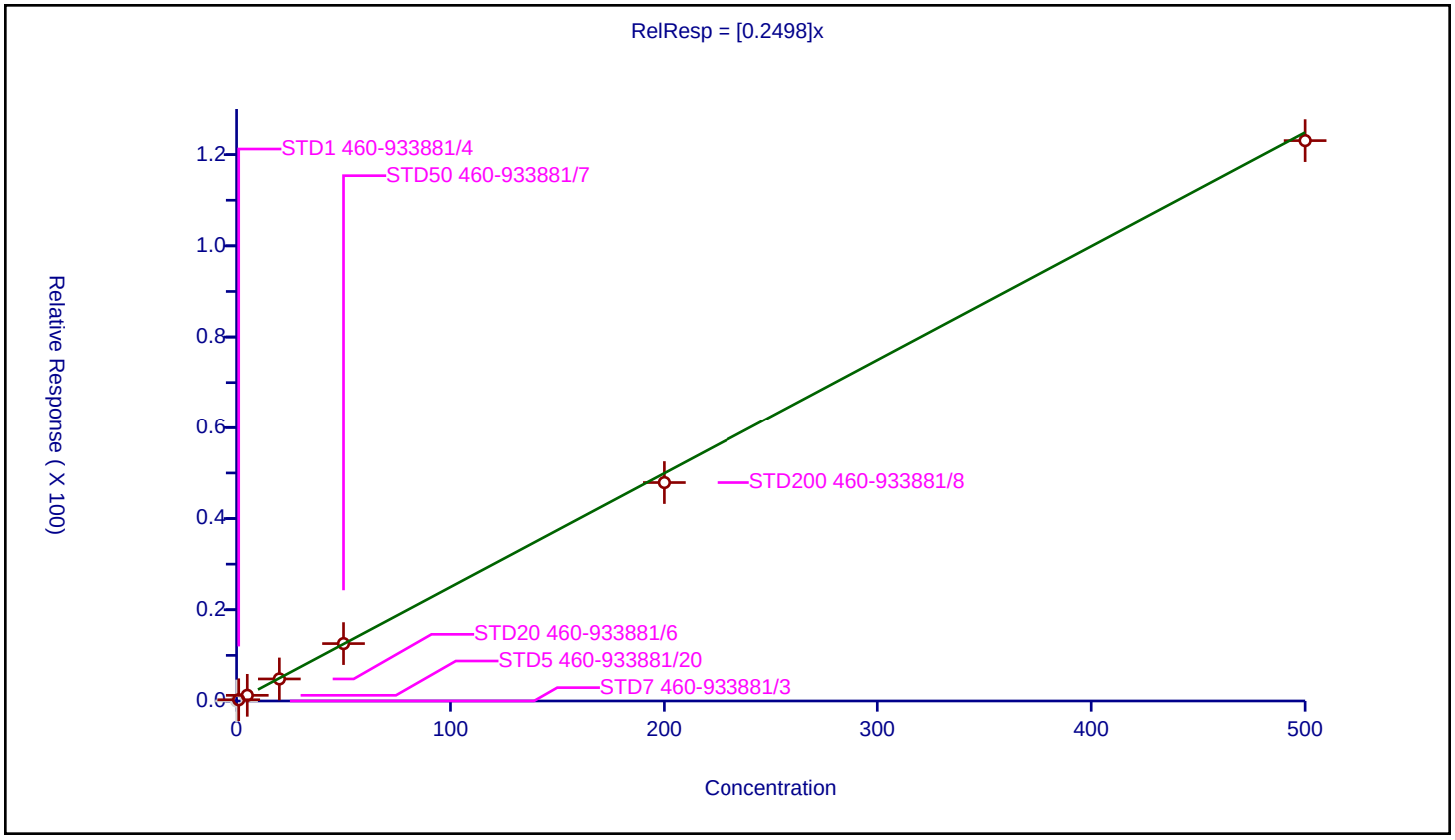
Curve Coefficients

Intercept:	0
Slope:	0.2498

Error Coefficients

Standard Error:	924000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.270789	50.0	637028.0	0.270789	Y
3	STD5 460-933881/20	5.0	1.244309	50.0	604954.0	0.248862	Y
4	STD20 460-933881/6	20.0	4.833442	50.0	748597.0	0.241672	Y
5	STD50 460-933881/7	50.0	12.58124	50.0	743631.0	0.251625	Y
6	STD200 460-933881/8	200.0	47.893719	50.0	761247.0	0.239469	Y
7	STD500 460-933881/9	500.0	123.074337	50.0	780822.0	0.246149	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

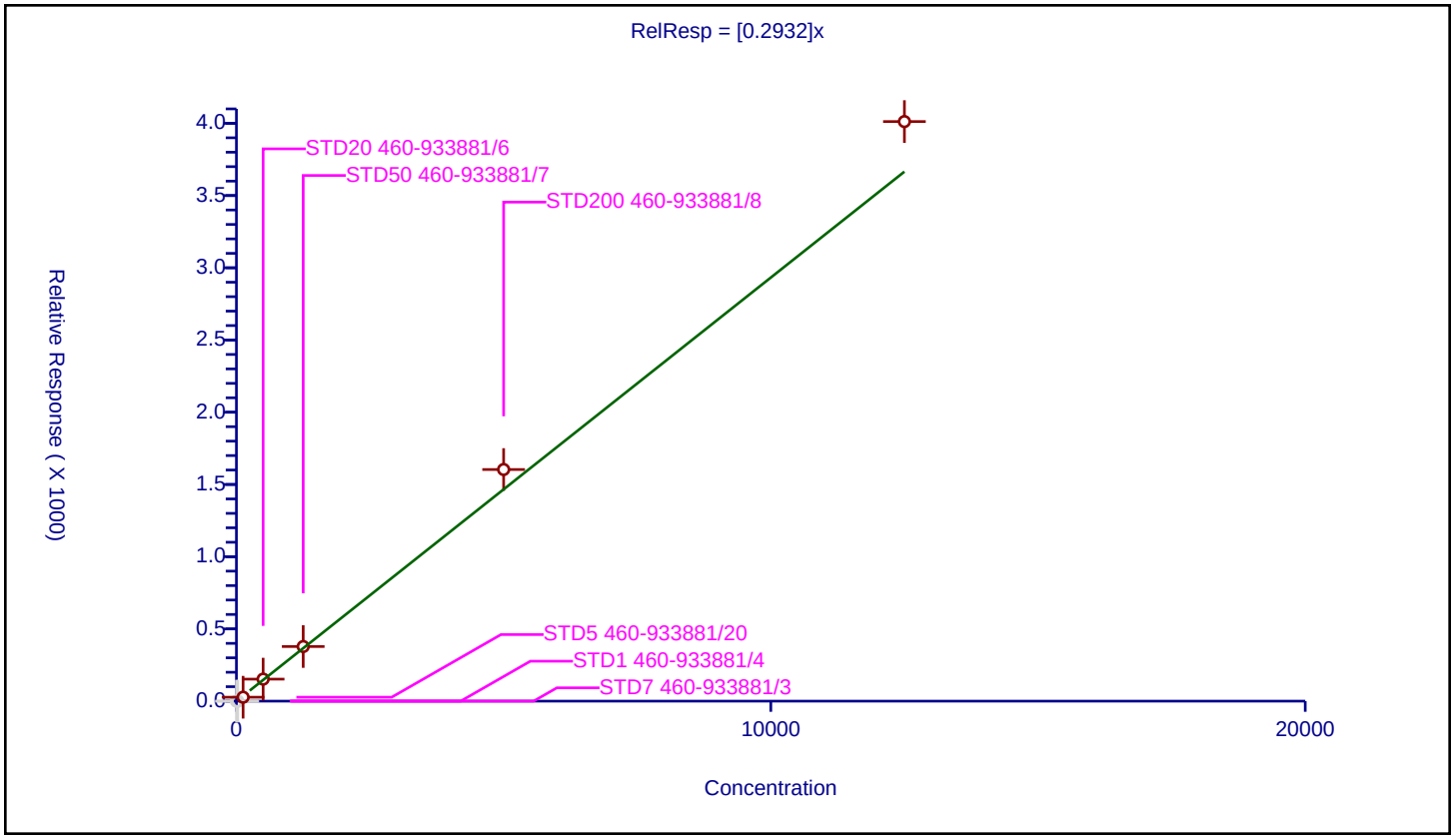
Curve Coefficients

Intercept:	0
Slope:	0.2932

Error Coefficients

Standard Error:	369000
Relative Standard Error:	14.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	135122.0	NaN	N
2	STD1 460-933881/4	25.0	0.0	1000.0	109634.0	0.0	N
3	STD5 460-933881/20	125.0	27.152603	1000.0	125476.0	0.217221	Y
4	STD20 460-933881/6	500.0	152.429995	1000.0	135741.0	0.30486	Y
5	STD50 460-933881/7	1250.0	378.014348	1000.0	143439.0	0.302411	Y
6	STD200 460-933881/8	5000.0	1603.479448	1000.0	171464.0	0.320696	Y
7	STD500 460-933881/9	12500.0	4012.293117	1000.0	170990.0	0.320983	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

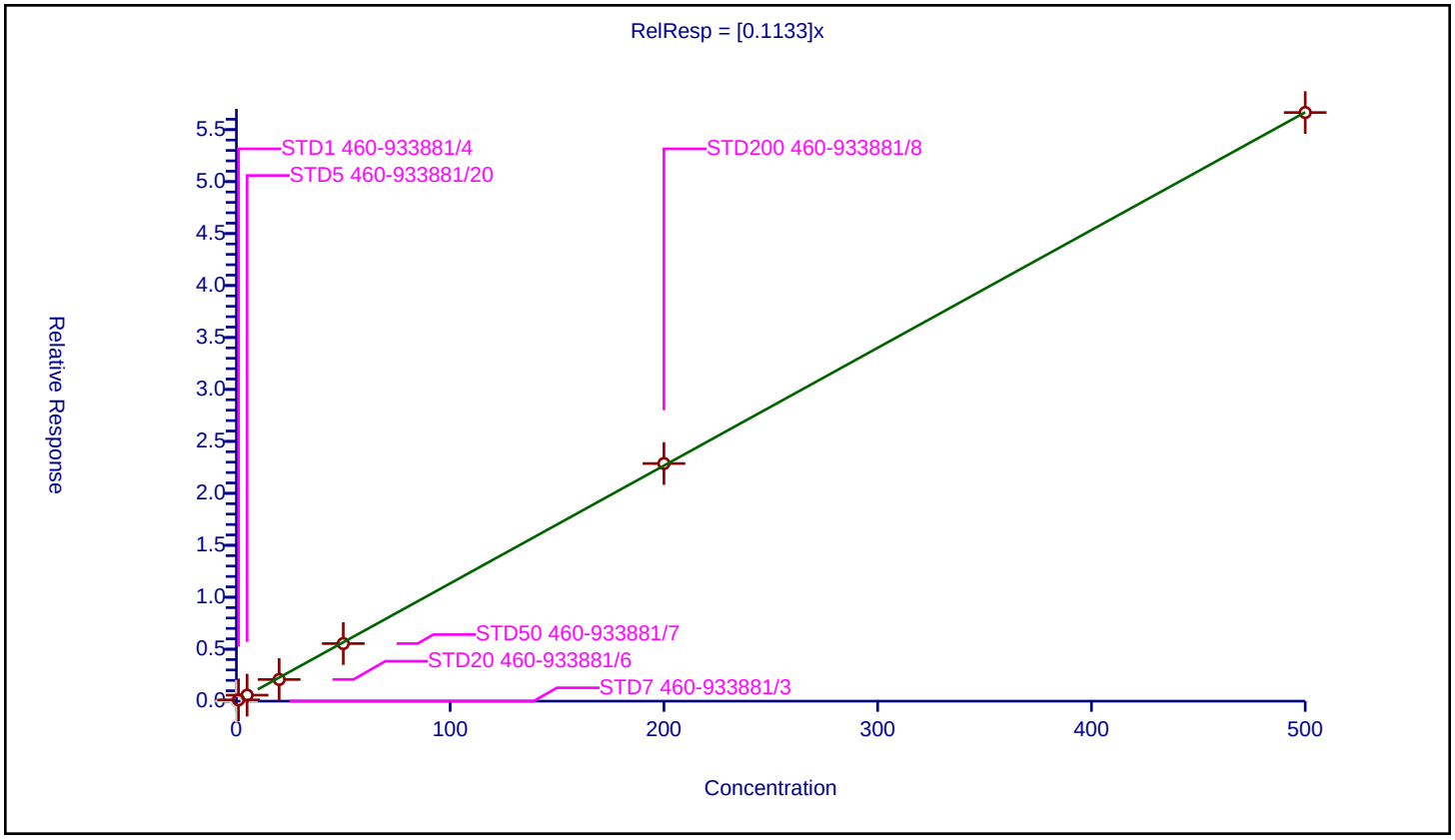
Curve Coefficients

Intercept:	0
Slope:	0.1133

Error Coefficients

Standard Error:	427000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.122208	50.0	637028.0	0.122208	Y
3	STD5 460-933881/20	5.0	0.575664	50.0	604954.0	0.115133	Y
4	STD20 460-933881/6	20.0	2.085969	50.0	748597.0	0.104298	Y
5	STD50 460-933881/7	50.0	5.539777	50.0	743631.0	0.110796	Y
6	STD200 460-933881/8	200.0	22.868399	50.0	761247.0	0.114342	Y
7	STD500 460-933881/9	500.0	56.648314	50.0	780822.0	0.113297	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

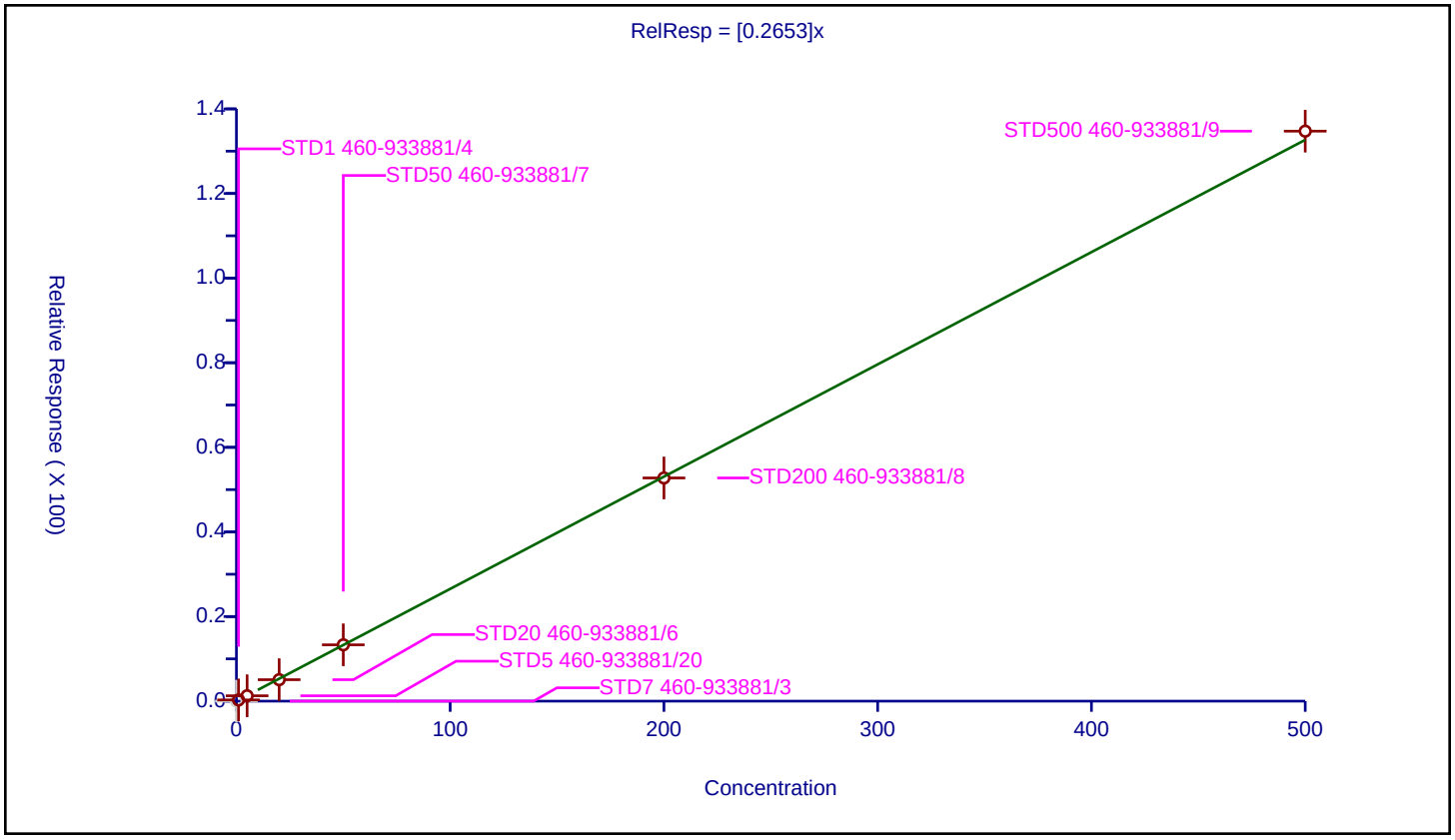
Curve Coefficients

Intercept:	0
Slope:	0.2653

Error Coefficients

Standard Error:	1010000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.285702	50.0	637028.0	0.285702	Y
3	STD5 460-933881/20	5.0	1.266047	50.0	604954.0	0.253209	Y
4	STD20 460-933881/6	20.0	5.072155	50.0	748597.0	0.253608	Y
5	STD50 460-933881/7	50.0	13.31413	50.0	743631.0	0.266283	Y
6	STD200 460-933881/8	200.0	52.756924	50.0	761247.0	0.263785	Y
7	STD500 460-933881/9	500.0	134.737687	50.0	780822.0	0.269475	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

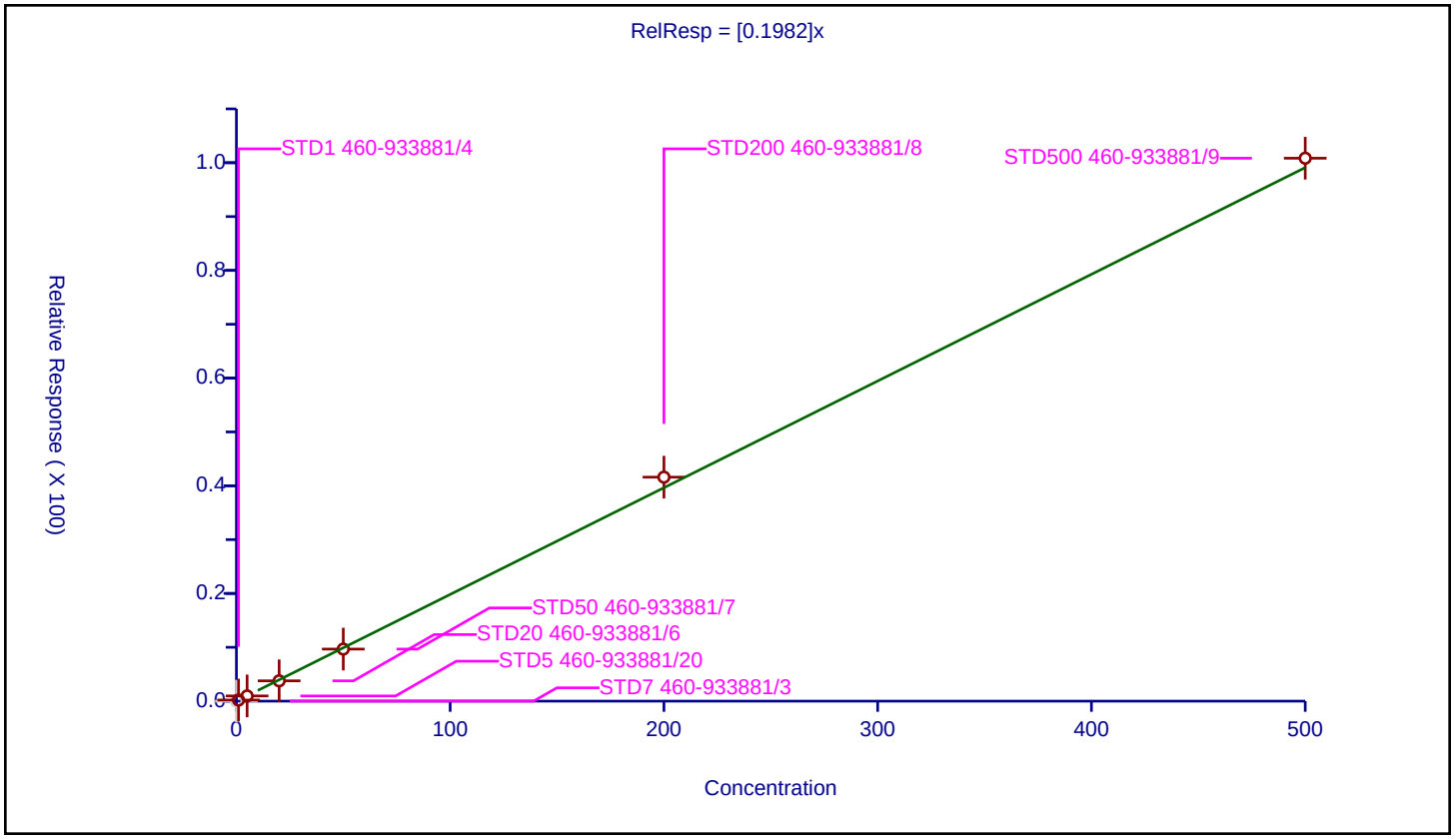
Curve Coefficients

Intercept:	0
Slope:	0.1982

Error Coefficients

Standard Error:	762000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.203994	50.0	637028.0	0.203994	Y
3	STD5 460-933881/20	5.0	0.967594	50.0	604954.0	0.193519	Y
4	STD20 460-933881/6	20.0	3.771789	50.0	748597.0	0.188589	Y
5	STD50 460-933881/7	50.0	9.668639	50.0	743631.0	0.193373	Y
6	STD200 460-933881/8	200.0	41.602528	50.0	761247.0	0.208013	Y
7	STD500 460-933881/9	500.0	100.837387	50.0	780822.0	0.201675	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

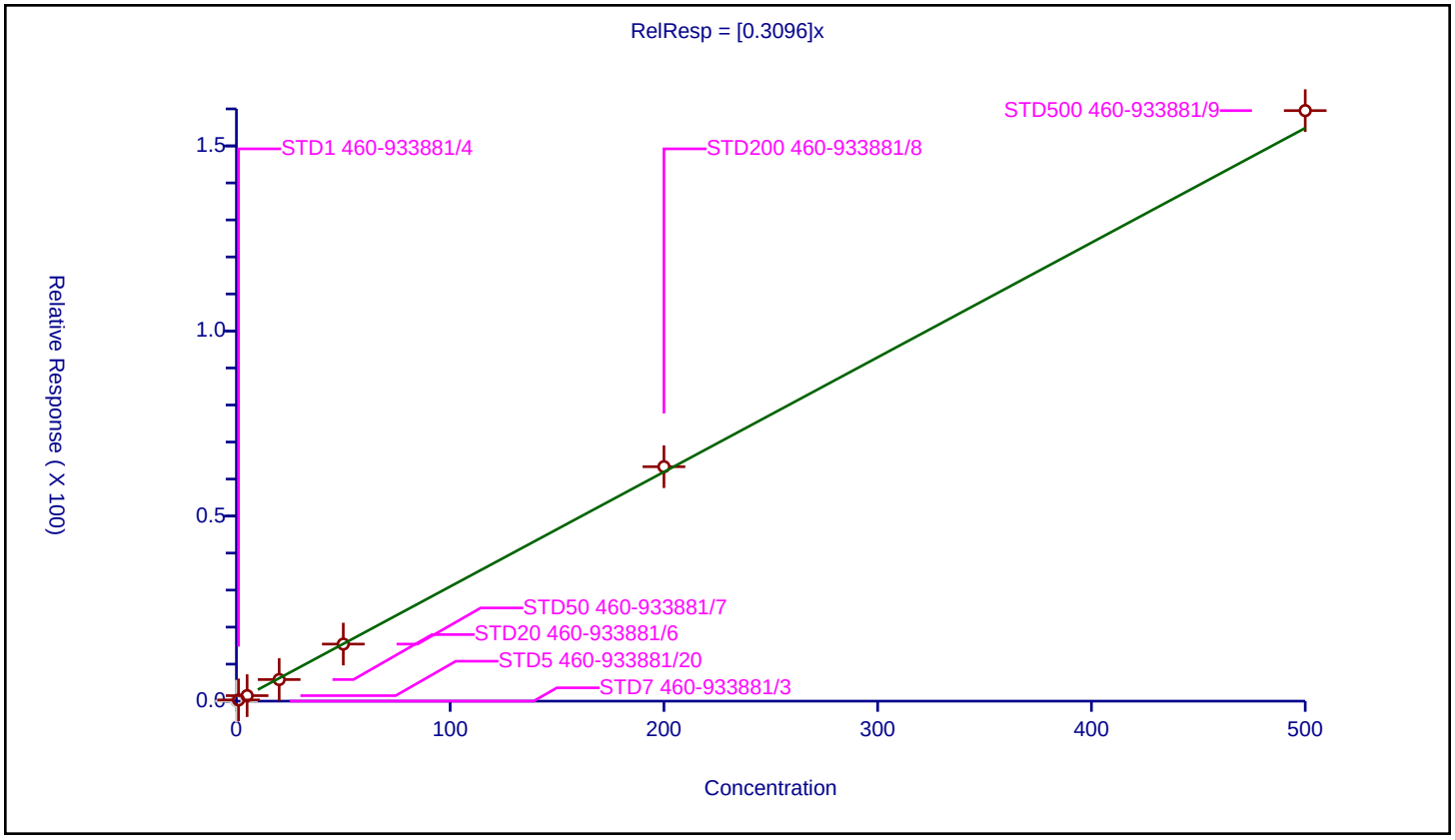
Curve Coefficients

Intercept:	0
Slope:	0.3096

Error Coefficients

Standard Error:	1200000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.325496	50.0	637028.0	0.325496	Y
3	STD5 460-933881/20	5.0	1.484162	50.0	604954.0	0.296832	Y
4	STD20 460-933881/6	20.0	5.829104	50.0	748597.0	0.291455	Y
5	STD50 460-933881/7	50.0	15.415038	50.0	743631.0	0.308301	Y
6	STD200 460-933881/8	200.0	63.335028	50.0	761247.0	0.316675	Y
7	STD500 460-933881/9	500.0	159.532518	50.0	780822.0	0.319065	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

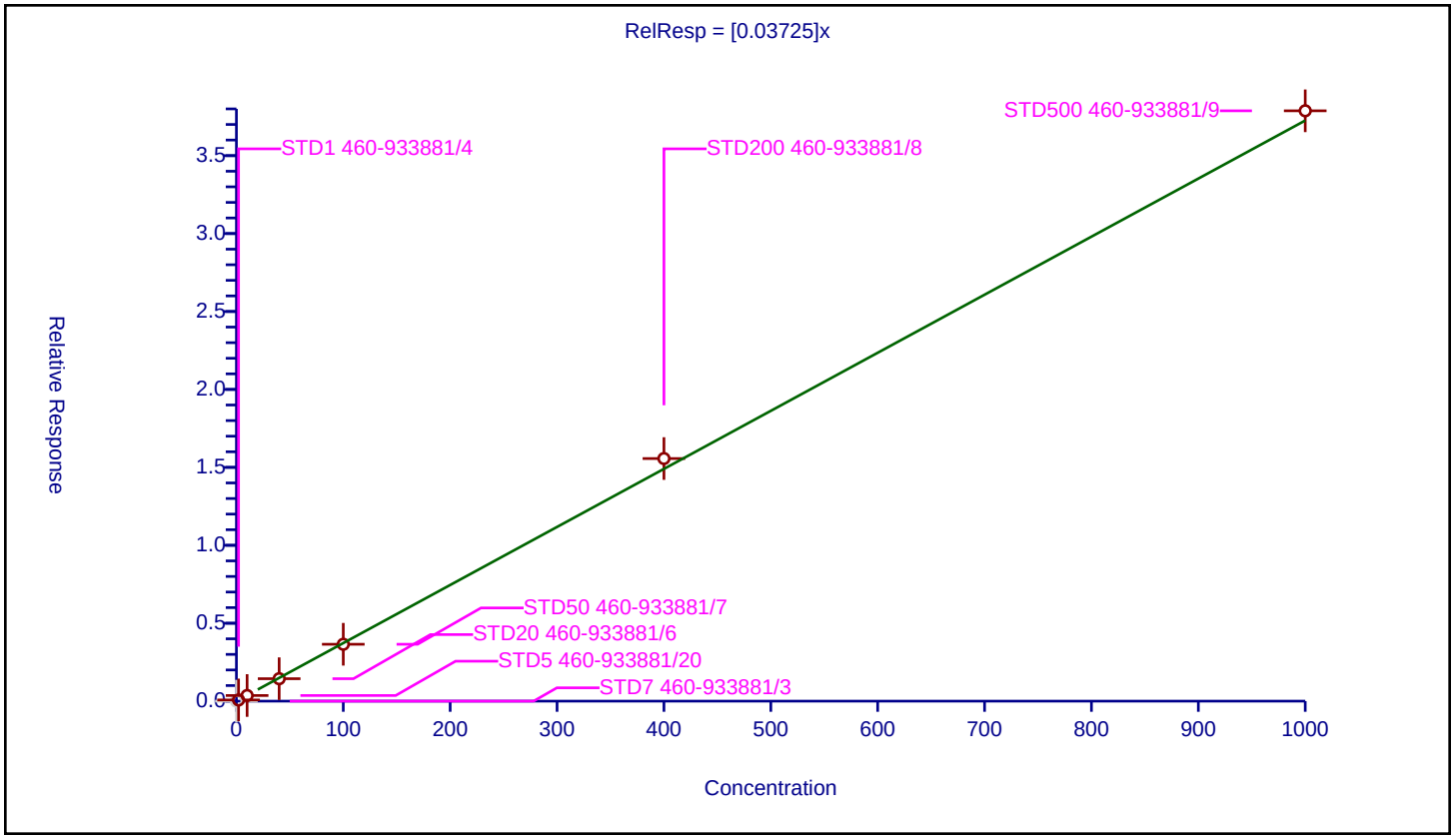
Curve Coefficients

Intercept:	0
Slope:	0.03725

Error Coefficients

Standard Error:	286000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	2.0	0.076056	50.0	637028.0	0.038028	Y
3	STD5 460-933881/20	10.0	0.362176	50.0	604954.0	0.036218	Y
4	STD20 460-933881/6	40.0	1.440027	50.0	748597.0	0.036001	Y
5	STD50 460-933881/7	100.0	3.648853	50.0	743631.0	0.036489	Y
6	STD200 460-933881/8	400.0	15.564725	50.0	761247.0	0.038912	Y
7	STD500 460-933881/9	1000.0	37.877327	50.0	780822.0	0.037877	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

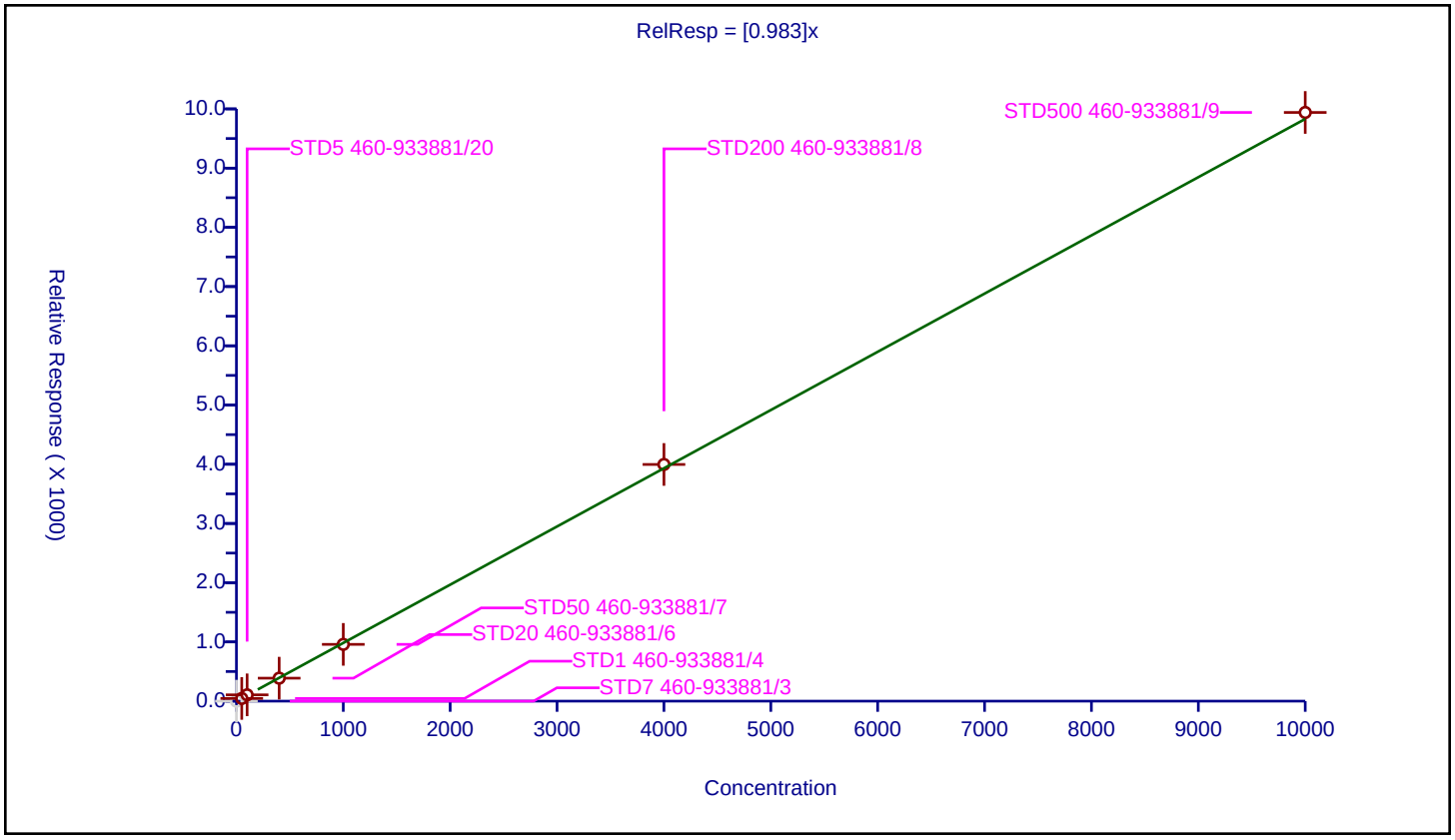
Curve Coefficients

Intercept:	0
Slope:	0.983

Error Coefficients

Standard Error:	93000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	1000.0	17459.0	NaN	N
2	STD1 460-933881/4	50.000062	45.673703	1000.0	15348.0	0.913473	Y
3	STD5 460-933881/20	100.0	106.294715	1000.0	16633.0	1.062947	Y
4	STD20 460-933881/6	400.0	387.889719	1000.0	19405.0	0.969724	Y
5	STD50 460-933881/7	1000.0	958.779583	1000.0	19141.0	0.95878	Y
6	STD200 460-933881/8	4000.0	3996.414729	1000.0	20640.0	0.999104	Y
7	STD500 460-933881/9	10000.0	9939.722784	1000.0	20273.0	0.993972	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

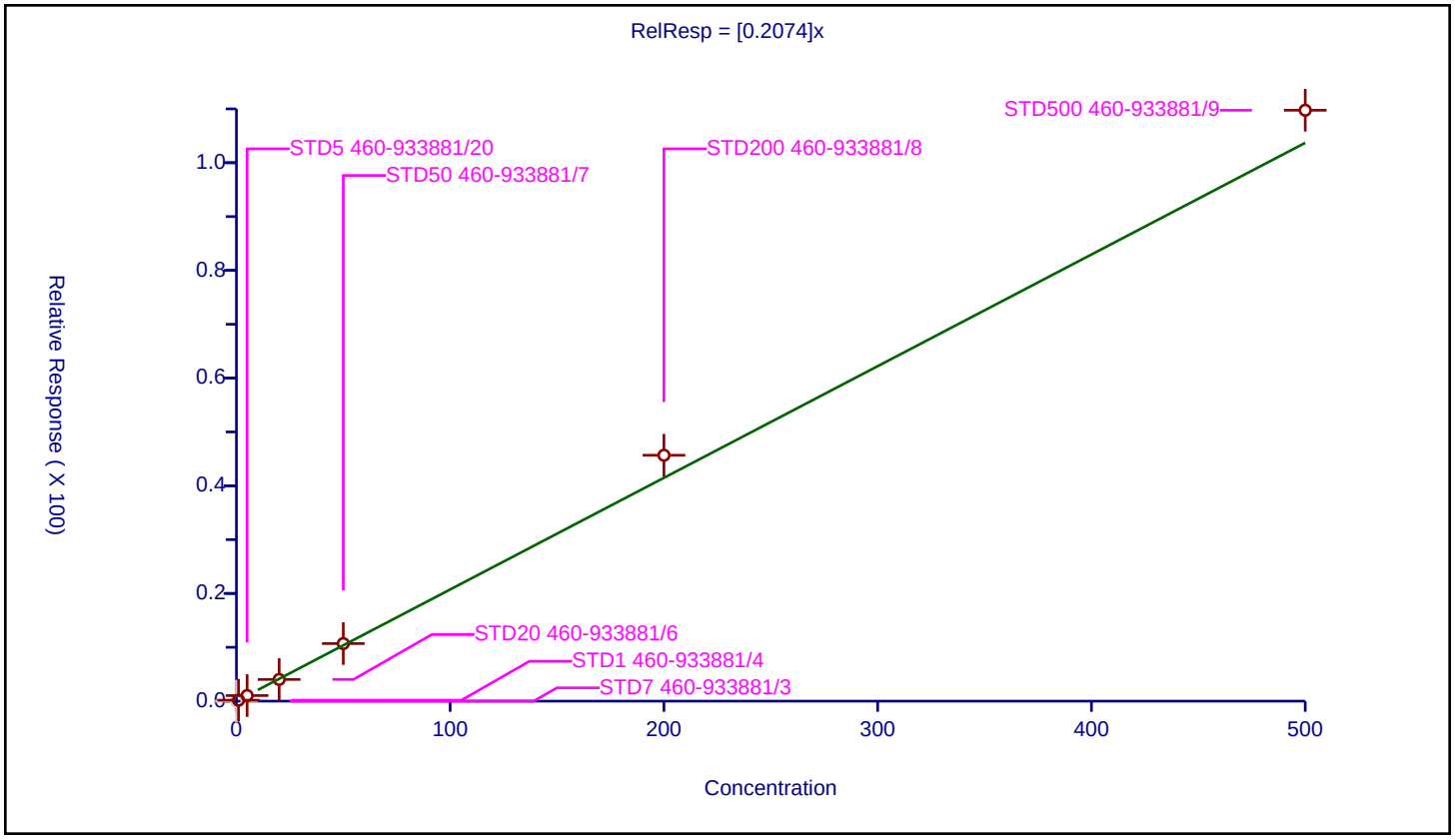
Curve Coefficients

Intercept:	0
Slope:	0.2074

Error Coefficients

Standard Error:	831000
Relative Standard Error:	9.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.17354	50.0	637028.0	0.17354	Y
3	STD5 460-933881/20	5.0	1.038178	50.0	604954.0	0.207636	Y
4	STD20 460-933881/6	20.0	4.027601	50.0	748597.0	0.20138	Y
5	STD50 460-933881/7	50.0	10.693543	50.0	743631.0	0.213871	Y
6	STD200 460-933881/8	200.0	45.669343	50.0	761247.0	0.228347	Y
7	STD500 460-933881/9	500.0	109.746908	50.0	780822.0	0.219494	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

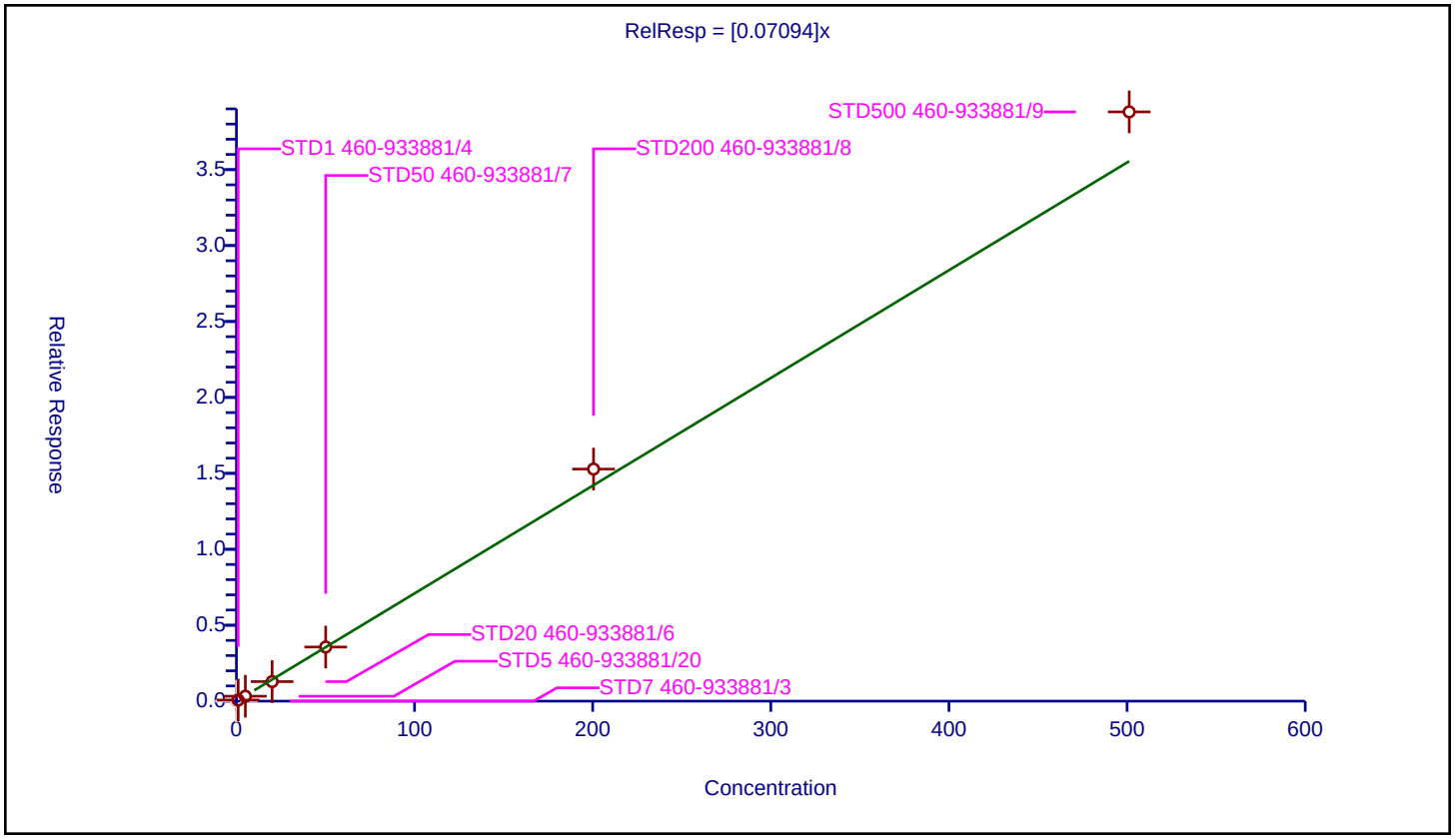
Curve Coefficients

Intercept:	0
Slope:	0.07094

Error Coefficients

Standard Error:	291000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0024	0.072132	50.0	637028.0	0.071959	Y
3	STD5 460-933881/20	5.012	0.32457	50.0	604954.0	0.064759	Y
4	STD20 460-933881/6	20.048	1.286607	50.0	748597.0	0.064176	Y
5	STD50 460-933881/7	50.12	3.562654	50.0	743631.0	0.071082	Y
6	STD200 460-933881/8	200.48	15.282228	50.0	761247.0	0.076228	Y
7	STD500 460-933881/9	501.2	38.80257	50.0	780822.0	0.077419	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

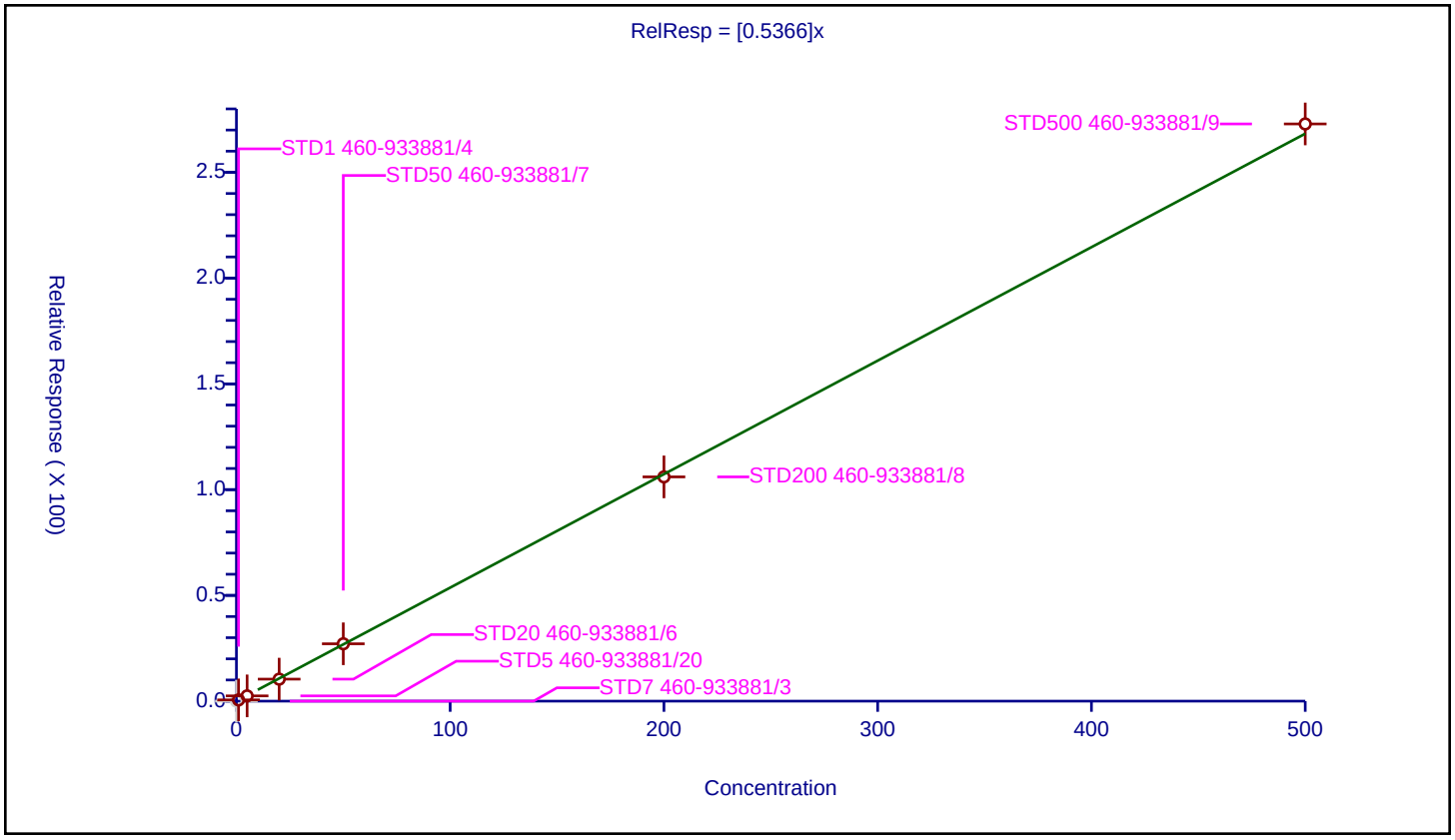
Curve Coefficients

Intercept:	0
Slope:	0.5366

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.583538	50.0	467836.0	0.583538	Y
3	STD5 460-933881/20	5.0	2.488507	50.0	453324.0	0.497701	Y
4	STD20 460-933881/6	20.0	10.400794	50.0	544968.0	0.52004	Y
5	STD50 460-933881/7	50.0	27.112294	50.0	548657.0	0.542246	Y
6	STD200 460-933881/8	200.0	106.019195	50.0	572344.0	0.530096	Y
7	STD500 460-933881/9	500.0	272.885888	50.0	572510.0	0.545772	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

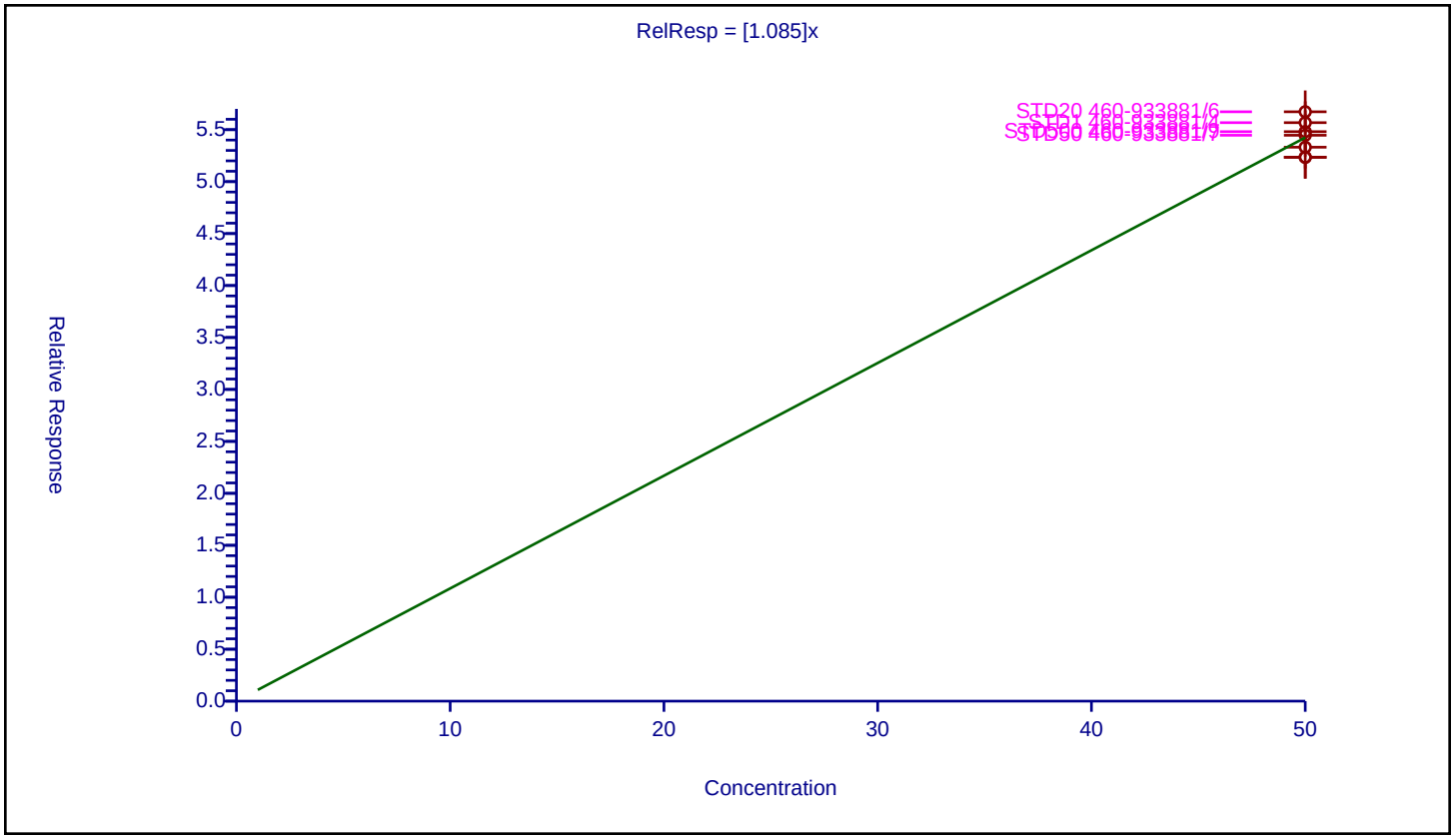
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Standard Error:	611000
Relative Standard Error:	3.1
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	50.0	52.333714	50.0	469702.0	1.046674	Y
2	STD1 460-933881/4	50.0	55.675279	50.0	467836.0	1.113506	Y
3	STD20 460-933881/6	50.0	56.719844	50.0	544968.0	1.134397	Y
4	STD50 460-933881/7	50.0	54.461531	50.0	548657.0	1.089231	Y
5	STD200 460-933881/8	50.0	53.311819	50.0	572344.0	1.066236	Y
6	STD500 460-933881/9	50.0	54.807864	50.0	572510.0	1.096157	Y
7	STD5 460-933881/20	50.0	52.353725	50.0	453324.0	1.047074	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

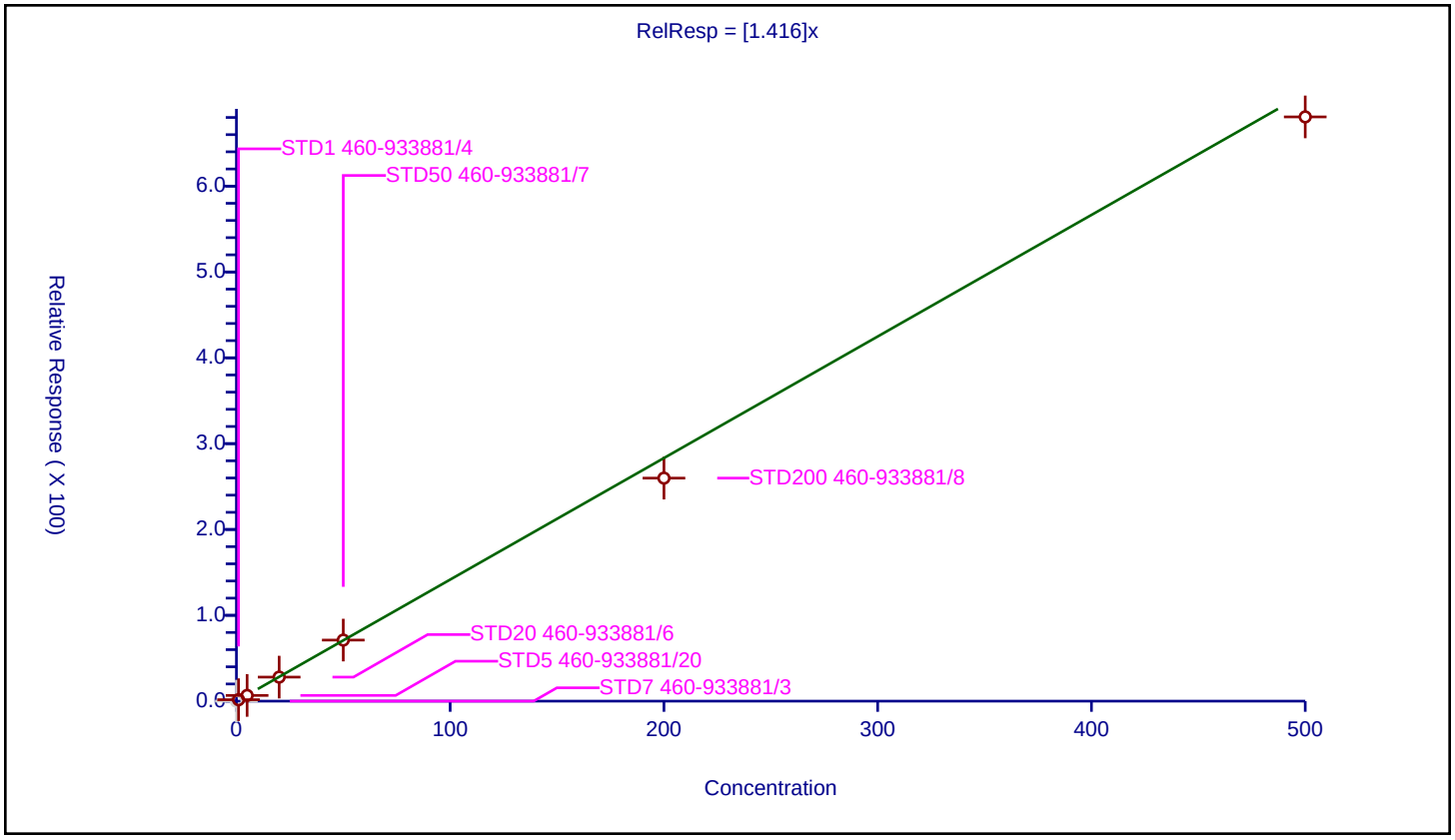
Curve Coefficients

Intercept:	0
Slope:	1.416

Error Coefficients

Standard Error:	3750000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	1.684778	50.0	467836.0	1.684778	Y
3	STD5 460-933881/20	5.0	6.641828	50.0	453324.0	1.328366	Y
4	STD20 460-933881/6	20.0	28.002011	50.0	544968.0	1.400101	Y
5	STD50 460-933881/7	50.0	71.136065	50.0	548657.0	1.422721	Y
6	STD200 460-933881/8	200.0	259.84408	50.0	572344.0	1.29922	Y
7	STD500 460-933881/9	500.0	680.662958	50.0	572510.0	1.361326	Y



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Calibration / Epichlorohydrin

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

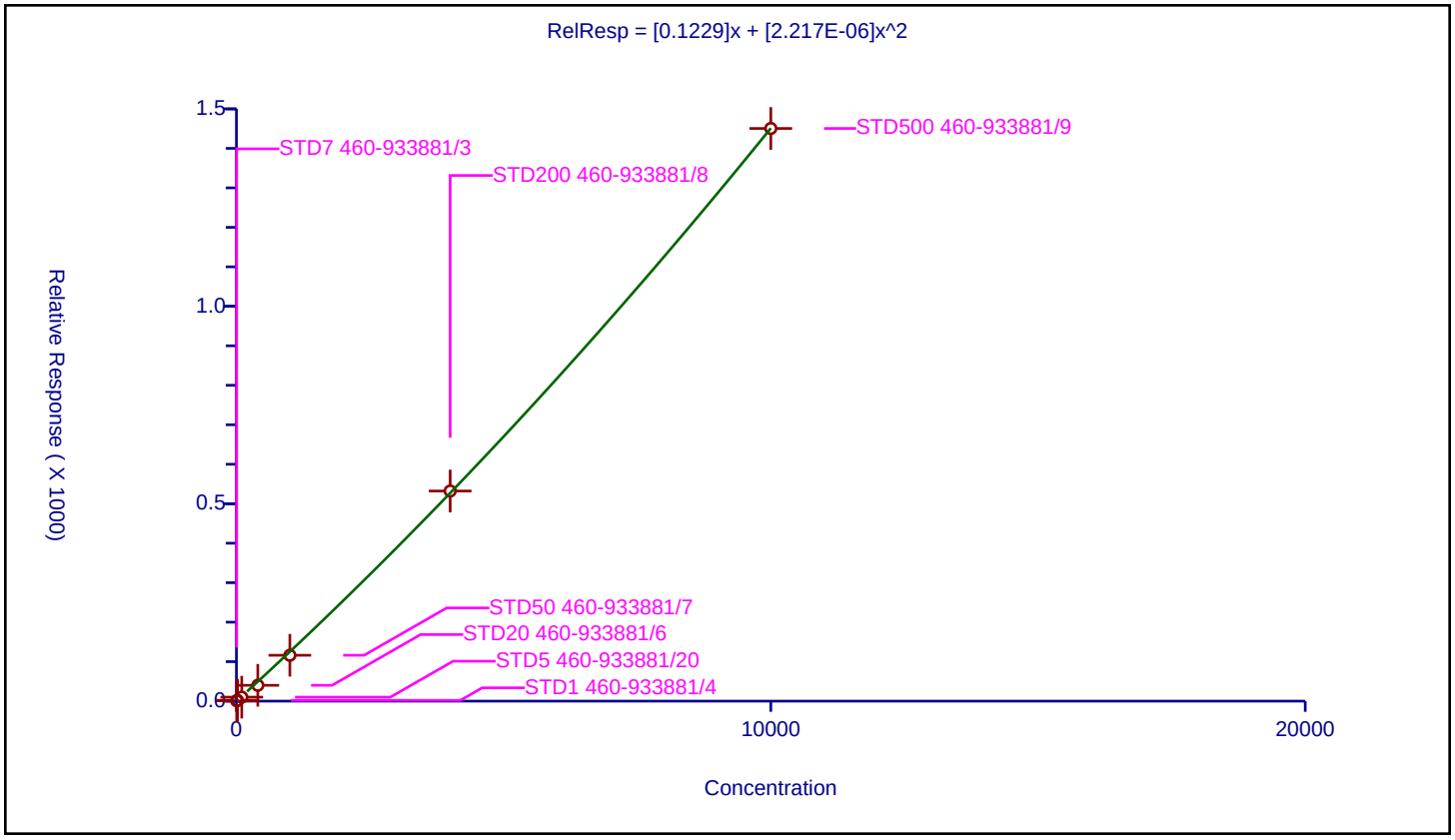
Curve Coefficients

Intercept:	0
Slope:	0.1229
Second Order:	2.217E-06

Error Coefficients

Standard Error:	690000
Relative Standard Error:	27.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	5.000009	0.941001	250.0	211477.0	0.1882	Y
2	STD1 460-933881/4	20.000035	2.029394	250.0	191806.0	0.10147	Y
3	STD5 460-933881/20	100.000173	10.107077	250.0	203125.0	0.101071	Y
4	STD20 460-933881/6	400.000692	40.114844	250.0	223259.0	0.100287	Y
5	STD50 460-933881/7	1000.00173	116.218383	250.0	229542.0	0.116218	Y
6	STD200 460-933881/8	4000.00692	532.173074	250.0	256954.0	0.133043	Y
7	STD500 460-933881/9	10000.0173	1450.394684	250.0	248300.0	0.145039	Y



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Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

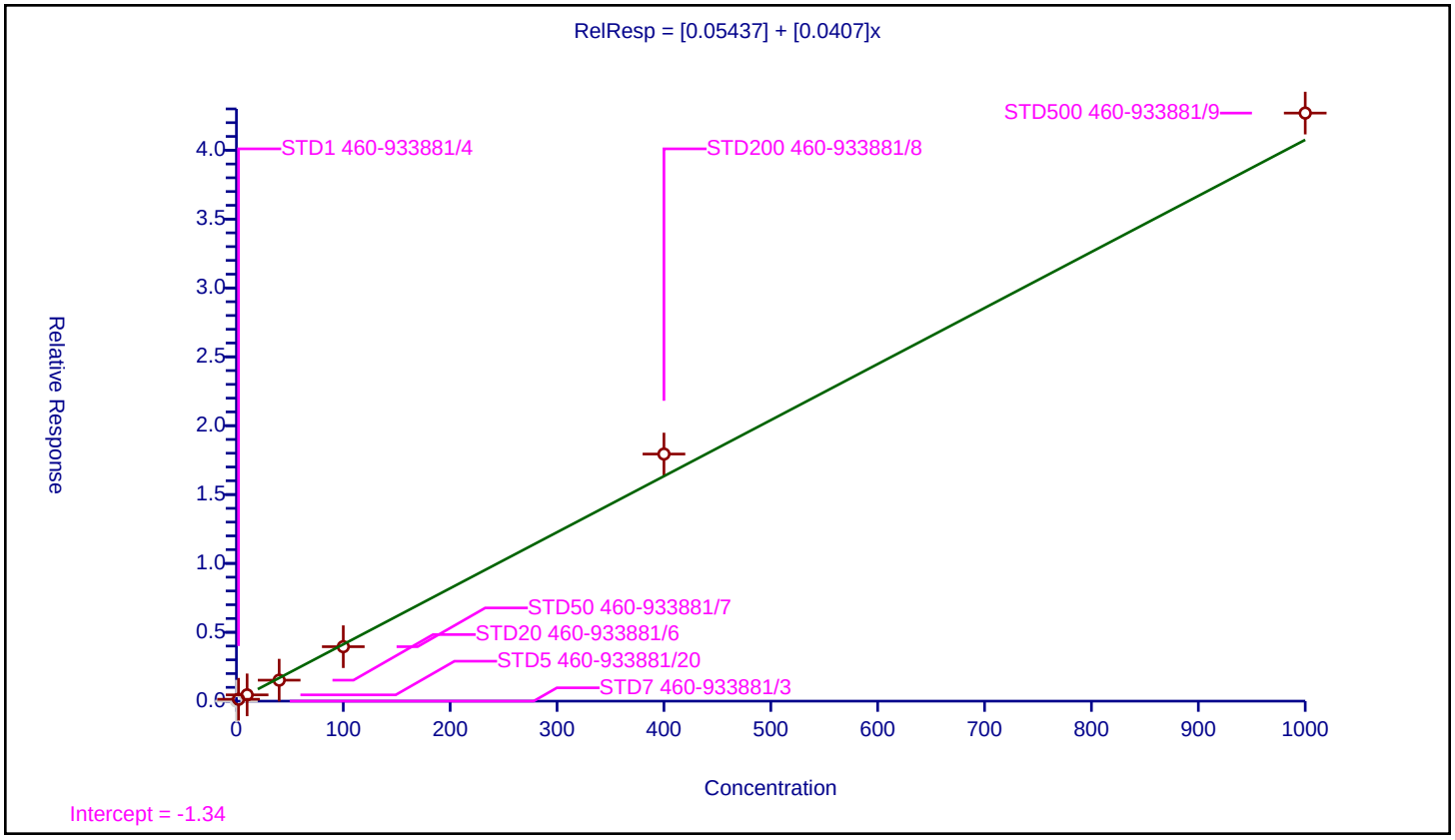
Curve Coefficients

Intercept:	0.05437
Slope:	0.0407

Error Coefficients

Standard Error:	362000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	2.0	0.136415	50.0	637028.0	0.068207	Y
3	STD5 460-933881/20	10.0	0.455572	50.0	604954.0	0.045557	Y
4	STD20 460-933881/6	40.0	1.522248	50.0	748597.0	0.038056	Y
5	STD50 460-933881/7	100.0	3.953708	50.0	743631.0	0.039537	Y
6	STD200 460-933881/8	400.0	17.940169	50.0	761247.0	0.04485	Y
7	STD500 460-933881/9	1000.0	42.696863	50.0	780822.0	0.042697	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

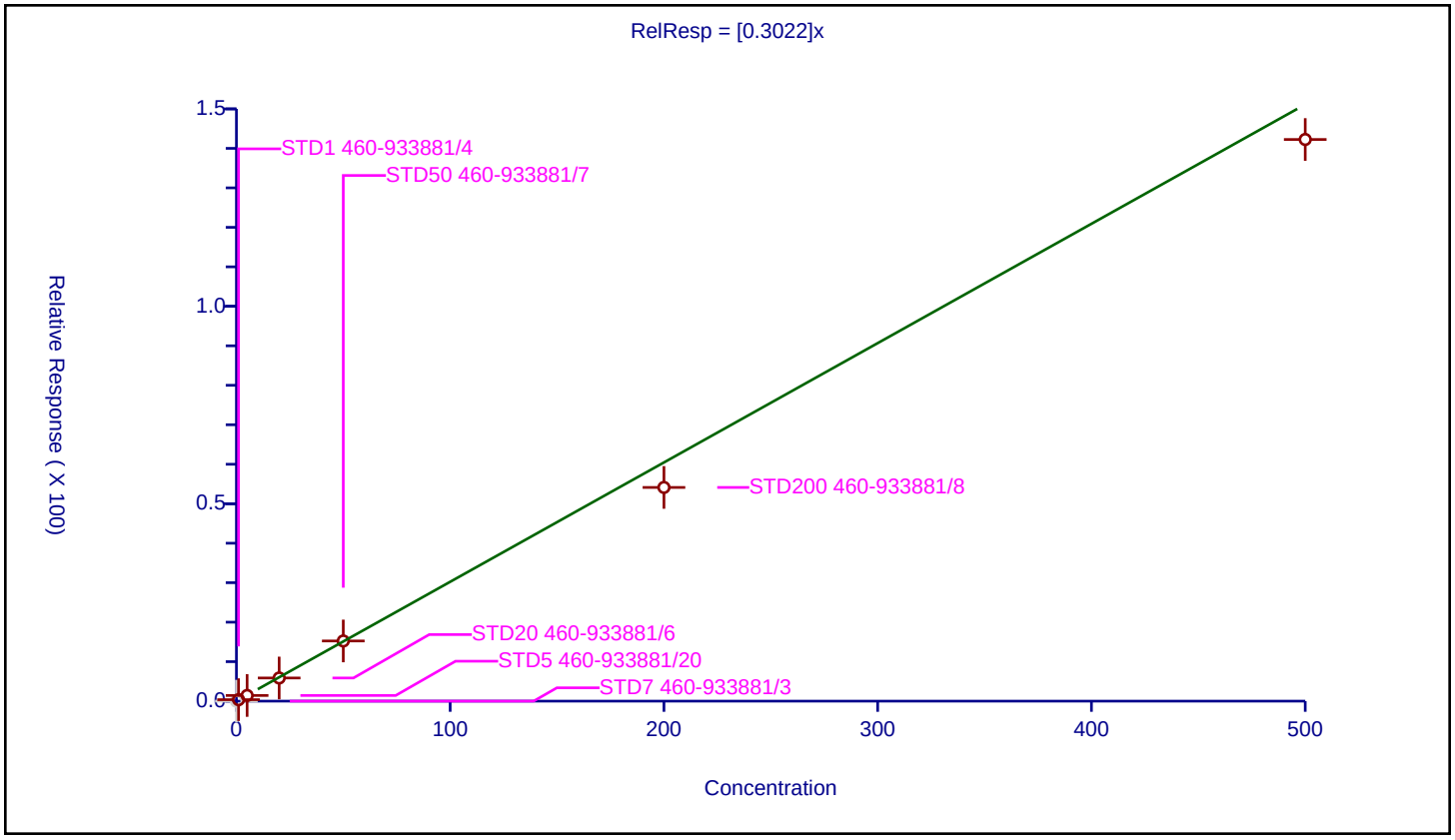
Curve Coefficients

Intercept:	0
Slope:	0.3022

Error Coefficients

Standard Error:	783000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.373315	50.0	467836.0	0.373315	Y
3	STD5 460-933881/20	5.0	1.434735	50.0	453324.0	0.286947	Y
4	STD20 460-933881/6	20.0	5.866033	50.0	544968.0	0.293302	Y
5	STD50 460-933881/7	50.0	15.239758	50.0	548657.0	0.304795	Y
6	STD200 460-933881/8	200.0	54.126102	50.0	572344.0	0.270631	Y
7	STD500 460-933881/9	500.0	142.2521	50.0	572510.0	0.284504	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

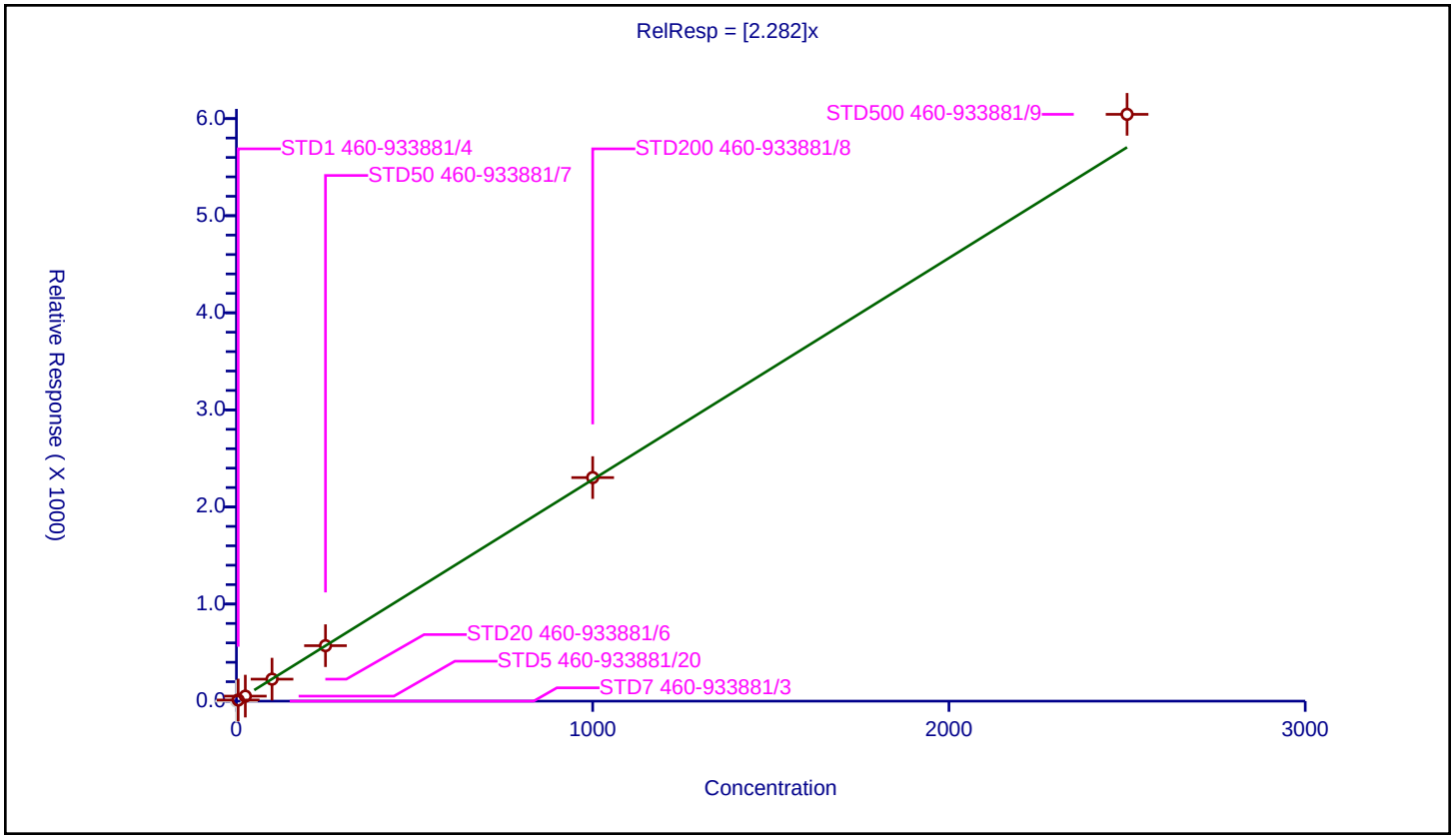
Curve Coefficients

Intercept:	0
Slope:	2.282

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	5.0	11.752761	250.0	191806.0	2.350552	Y
3	STD5 460-933881/20	25.0	51.751385	250.0	203125.0	2.070055	Y
4	STD20 460-933881/6	100.0	226.530621	250.0	223259.0	2.265306	Y
5	STD50 460-933881/7	250.0	571.226616	250.0	229542.0	2.284906	Y
6	STD200 460-933881/8	1000.0	2302.658258	250.0	256954.0	2.302658	Y
7	STD500 460-933881/9	2500.0	6044.06464	250.0	248300.0	2.417626	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

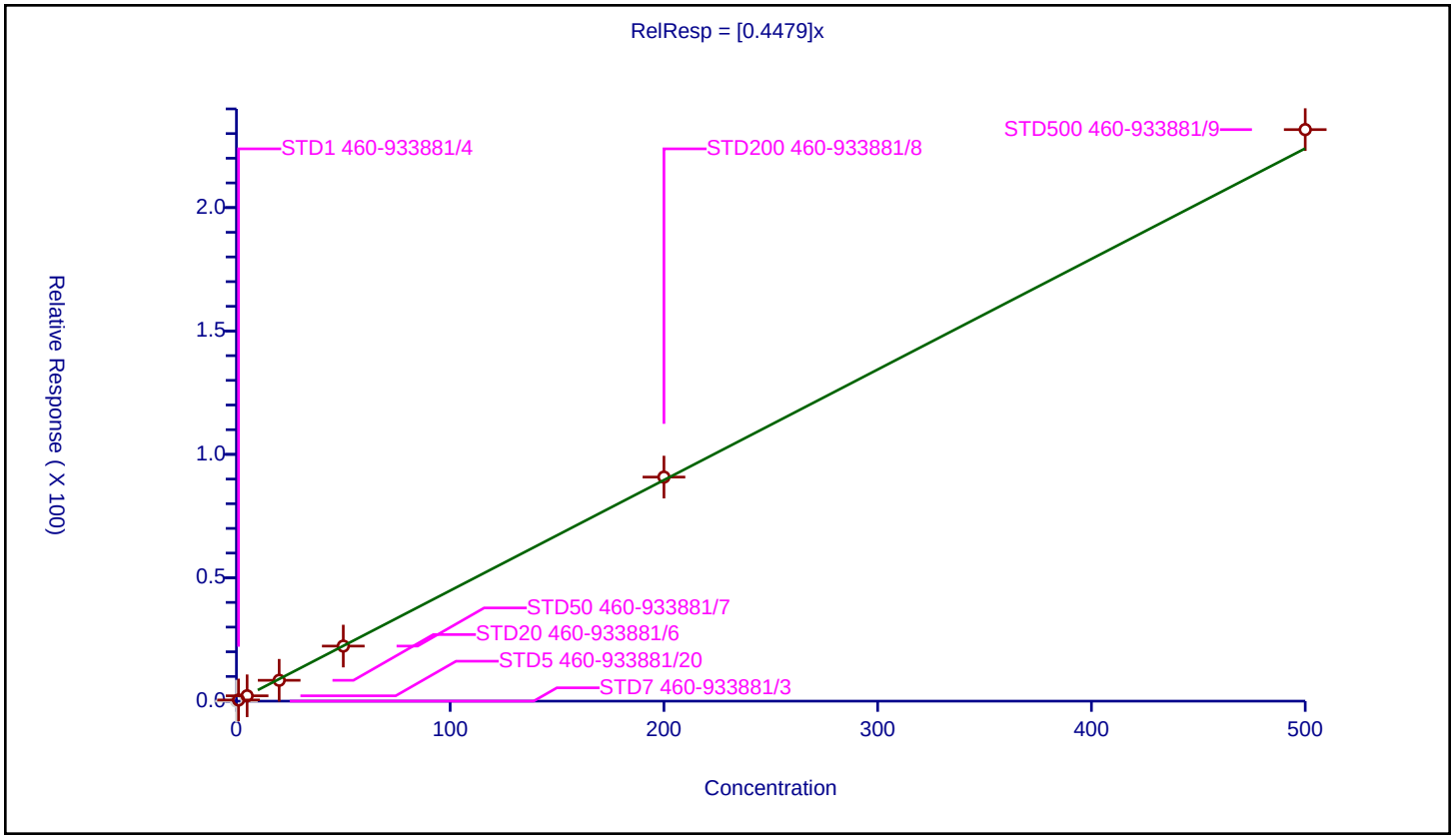
Curve Coefficients

Intercept:	0
Slope:	0.4479

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.468647	50.0	467836.0	0.468647	Y
3	STD5 460-933881/20	5.0	2.167214	50.0	453324.0	0.433443	Y
4	STD20 460-933881/6	20.0	8.440954	50.0	544968.0	0.422048	Y
5	STD50 460-933881/7	50.0	22.317678	50.0	548657.0	0.446354	Y
6	STD200 460-933881/8	200.0	90.798978	50.0	572344.0	0.453995	Y
7	STD500 460-933881/9	500.0	231.601893	50.0	572510.0	0.463204	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

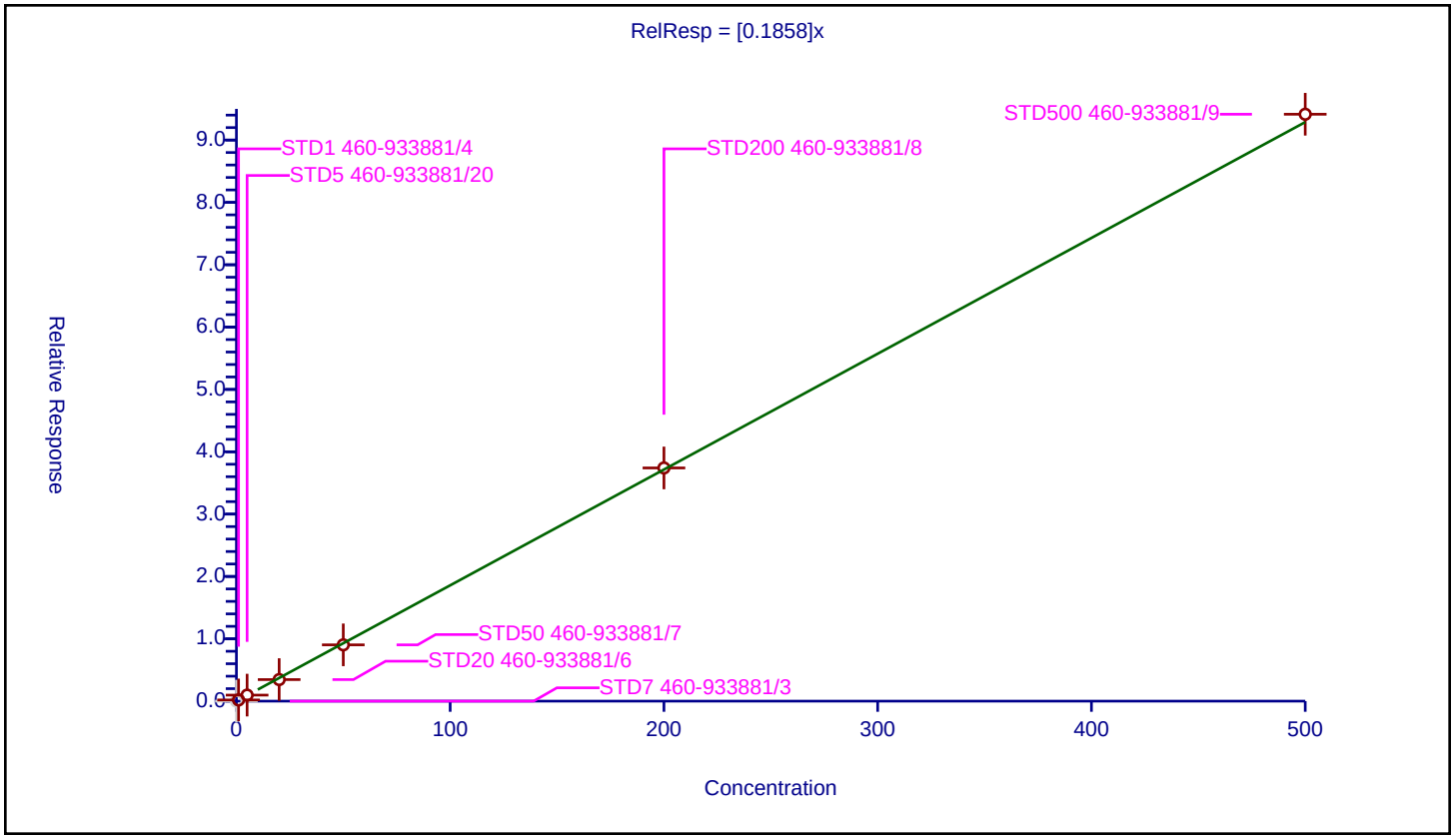
Curve Coefficients

Intercept:	0
Slope:	0.1858

Error Coefficients

Standard Error:	521000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.192054	50.0	467836.0	0.192054	Y
3	STD5 460-933881/20	5.0	0.968292	50.0	453324.0	0.193658	Y
4	STD20 460-933881/6	20.0	3.458552	50.0	544968.0	0.172928	Y
5	STD50 460-933881/7	50.0	9.028592	50.0	548657.0	0.180572	Y
6	STD200 460-933881/8	200.0	37.407486	50.0	572344.0	0.187037	Y
7	STD500 460-933881/9	500.0	94.140102	50.0	572510.0	0.18828	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

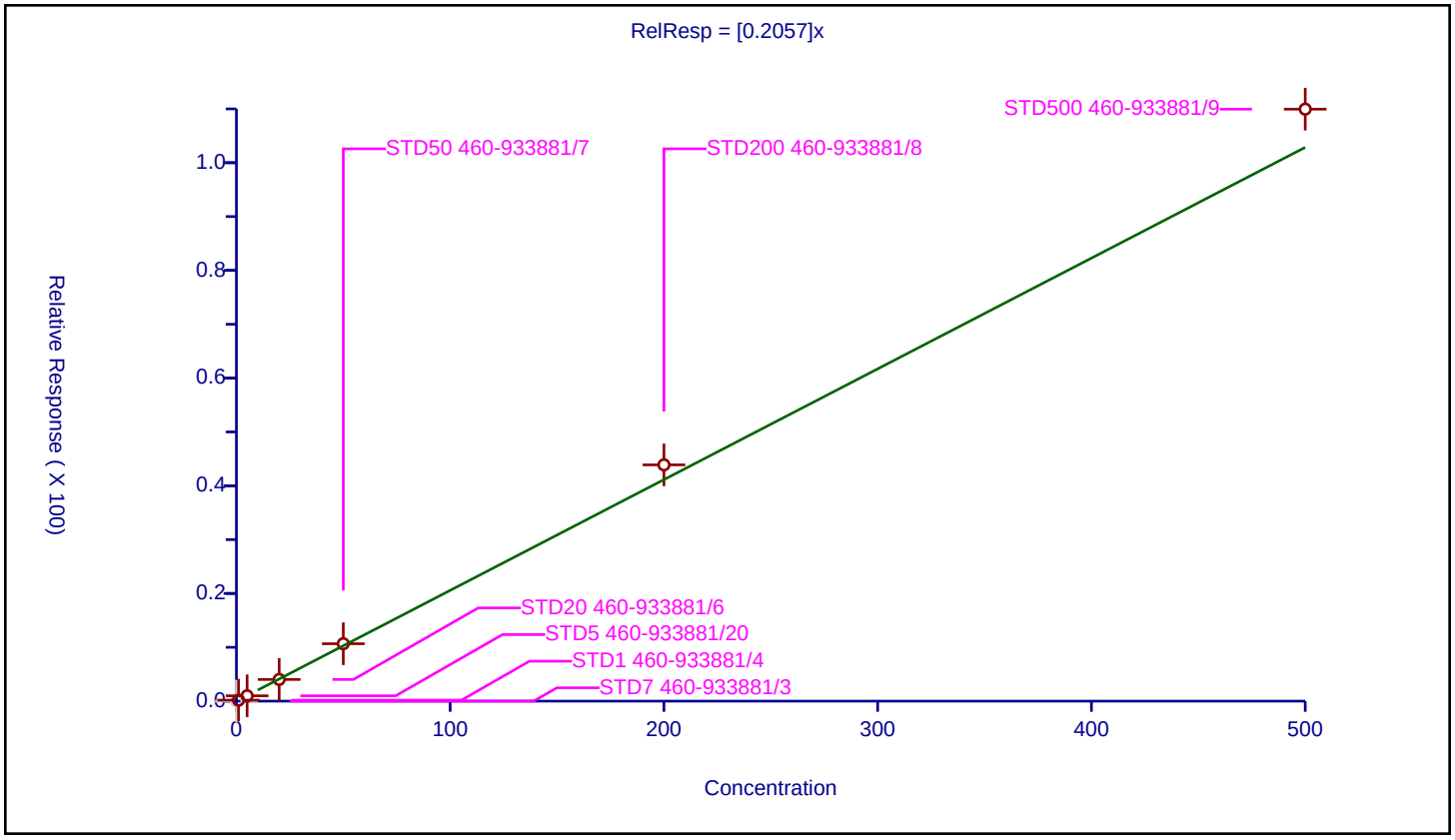
Curve Coefficients

Intercept:	0
Slope:	0.2057

Error Coefficients

Standard Error:	827000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	629689.0	NaN	N
2	STD1 460-933881/4	1.0	0.182017	50.0	637028.0	0.182017	Y
3	STD5 460-933881/20	5.0	0.991646	50.0	604954.0	0.198329	Y
4	STD20 460-933881/6	20.0	4.026599	50.0	748597.0	0.20133	Y
5	STD50 460-933881/7	50.0	10.663286	50.0	743631.0	0.213266	Y
6	STD200 460-933881/8	200.0	43.887135	50.0	761247.0	0.219436	Y
7	STD500 460-933881/9	500.0	109.950603	50.0	780822.0	0.219901	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

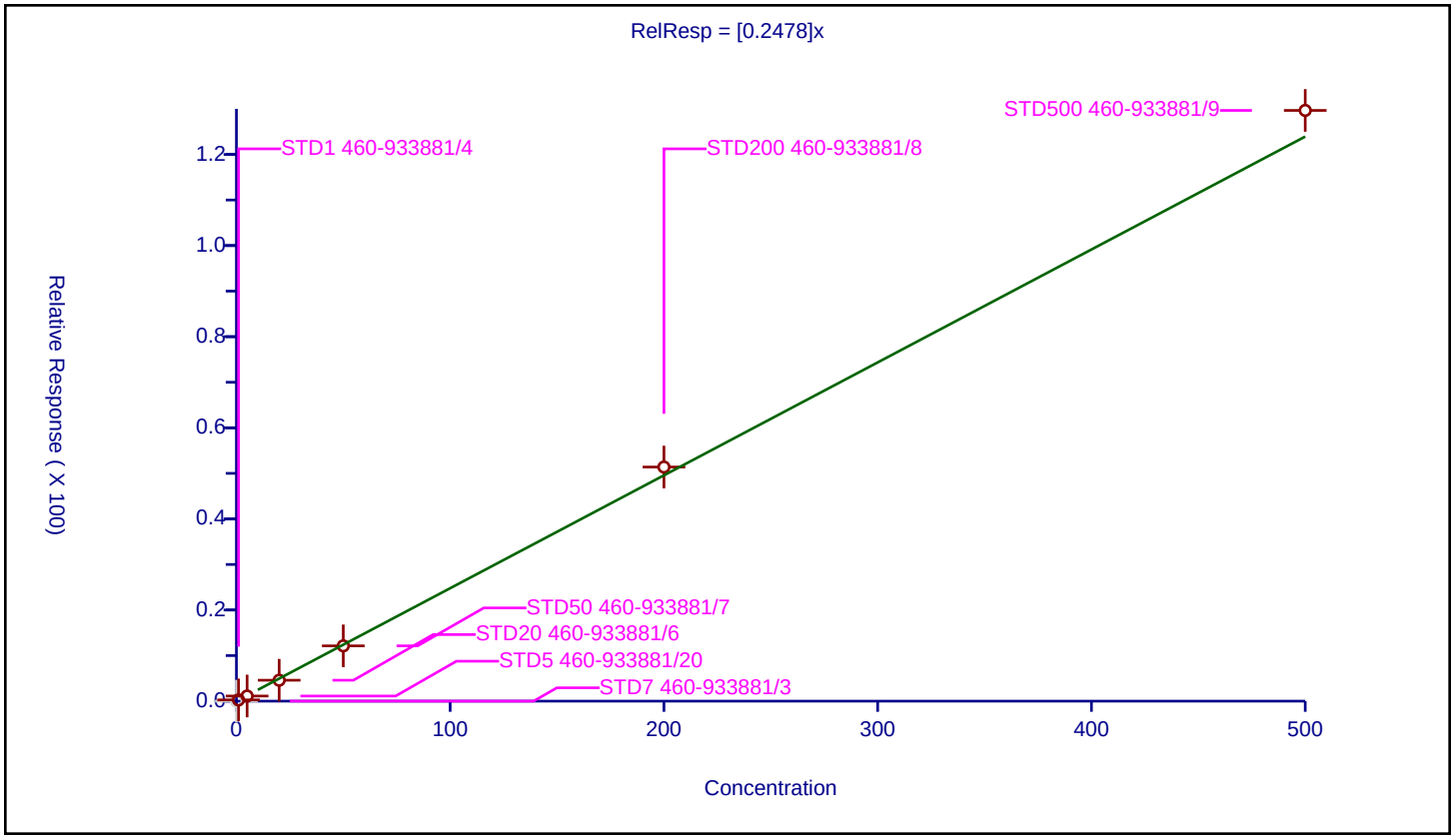
Curve Coefficients

Intercept:	0
Slope:	0.2478

Error Coefficients

Standard Error:	717000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.272959	50.0	467836.0	0.272959	Y
3	STD5 460-933881/20	5.0	1.128001	50.0	453324.0	0.2256	Y
4	STD20 460-933881/6	20.0	4.592013	50.0	544968.0	0.229601	Y
5	STD50 460-933881/7	50.0	12.131623	50.0	548657.0	0.242632	Y
6	STD200 460-933881/8	200.0	51.38291	50.0	572344.0	0.256915	Y
7	STD500 460-933881/9	500.0	129.661491	50.0	572510.0	0.259323	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

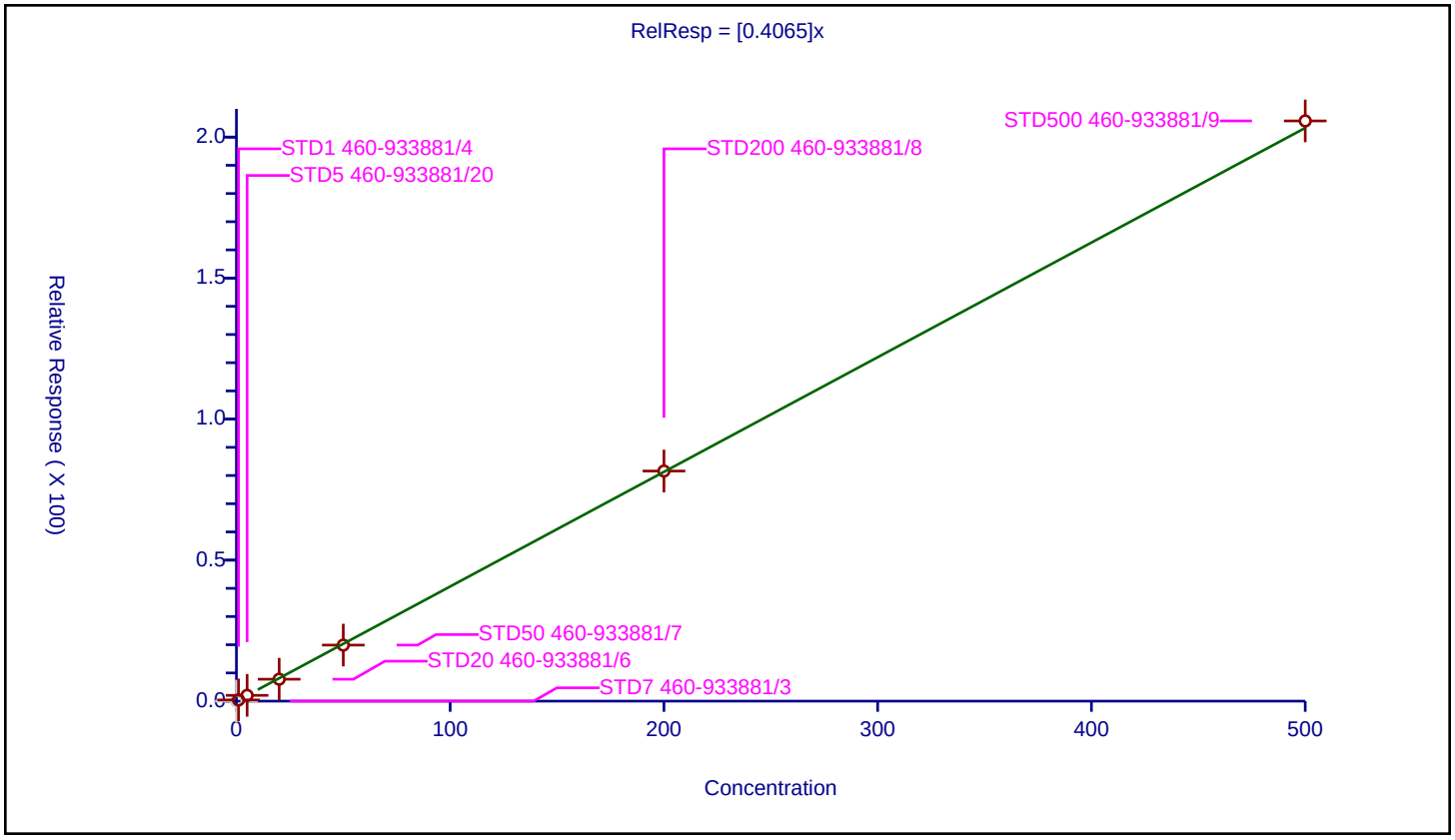
Curve Coefficients

Intercept:	0
Slope:	0.4065

Error Coefficients

Standard Error:	1140000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.421943	50.0	467836.0	0.421943	Y
3	STD5 460-933881/20	5.0	2.056145	50.0	453324.0	0.411229	Y
4	STD20 460-933881/6	20.0	7.778989	50.0	544968.0	0.388949	Y
5	STD50 460-933881/7	50.0	19.869973	50.0	548657.0	0.397399	Y
6	STD200 460-933881/8	200.0	81.594286	50.0	572344.0	0.407971	Y
7	STD500 460-933881/9	500.0	205.733612	50.0	572510.0	0.411467	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

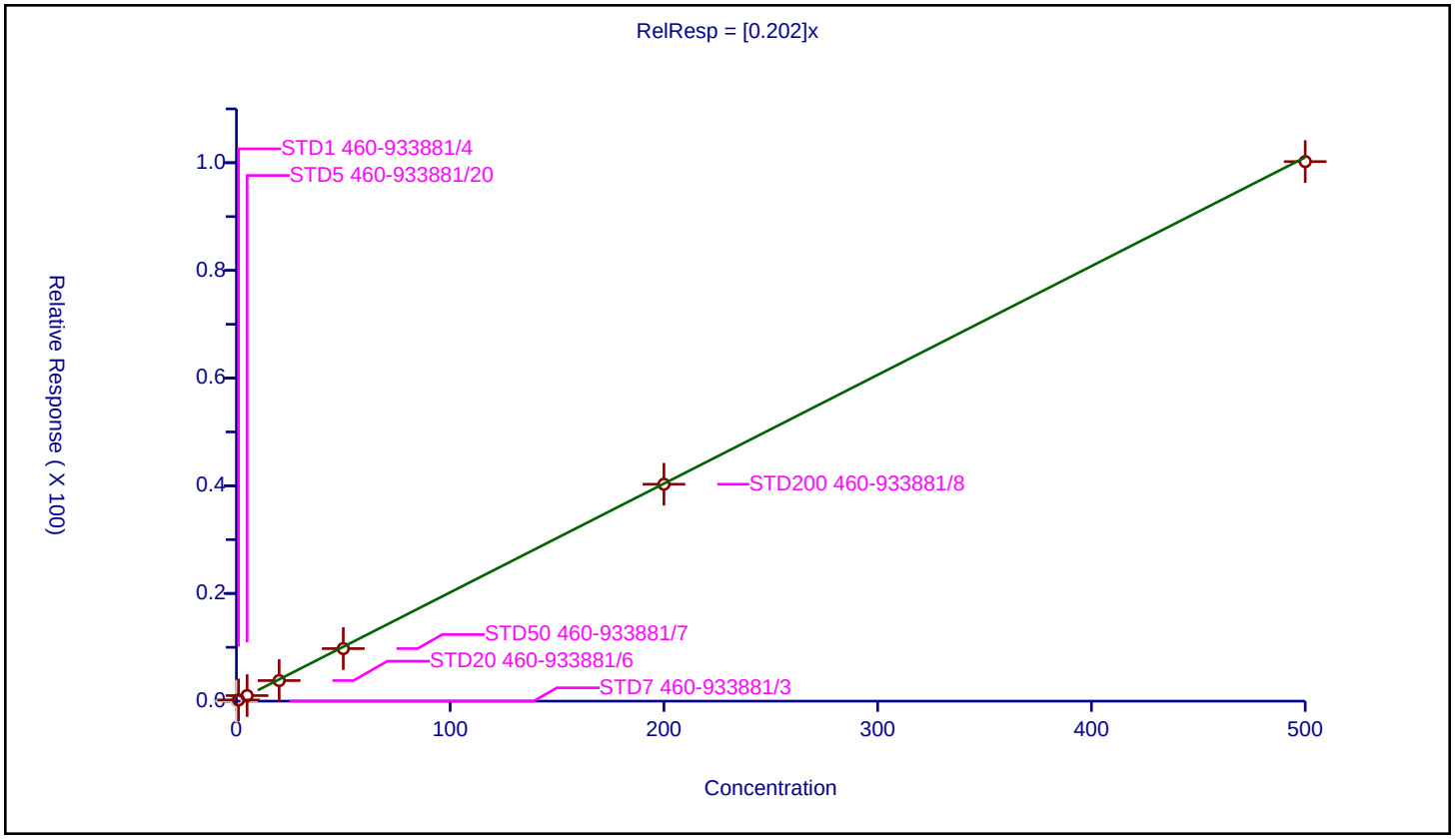
Curve Coefficients

Intercept:	0
Slope:	0.202

Error Coefficients

Standard Error:	555000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.218132	50.0	467836.0	0.218132	Y
3	STD5 460-933881/20	5.0	1.029286	50.0	453324.0	0.205857	Y
4	STD20 460-933881/6	20.0	3.819674	50.0	544968.0	0.190984	Y
5	STD50 460-933881/7	50.0	9.757736	50.0	548657.0	0.195155	Y
6	STD200 460-933881/8	200.0	40.285388	50.0	572344.0	0.201427	Y
7	STD500 460-933881/9	500.0	100.21135	50.0	572510.0	0.200423	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

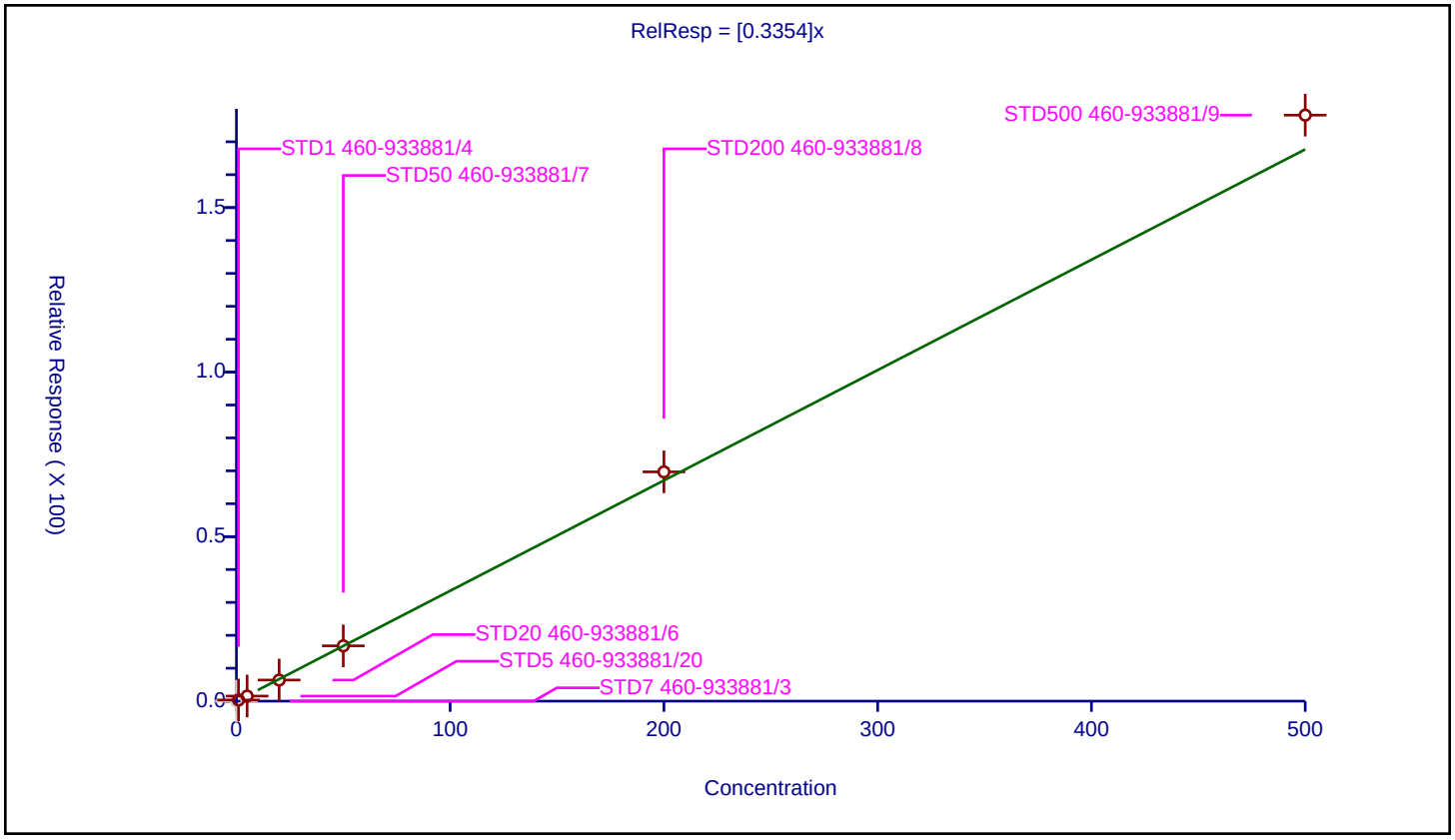
Curve Coefficients

Intercept:	0
Slope:	0.3354

Error Coefficients

Standard Error:	983000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.342214	50.0	467836.0	0.342214	Y
3	STD5 460-933881/20	5.0	1.542274	50.0	453324.0	0.308455	Y
4	STD20 460-933881/6	20.0	6.415606	50.0	544968.0	0.32078	Y
5	STD50 460-933881/7	50.0	16.811414	50.0	548657.0	0.336228	Y
6	STD200 460-933881/8	200.0	69.68781	50.0	572344.0	0.348439	Y
7	STD500 460-933881/9	500.0	178.101343	50.0	572510.0	0.356203	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

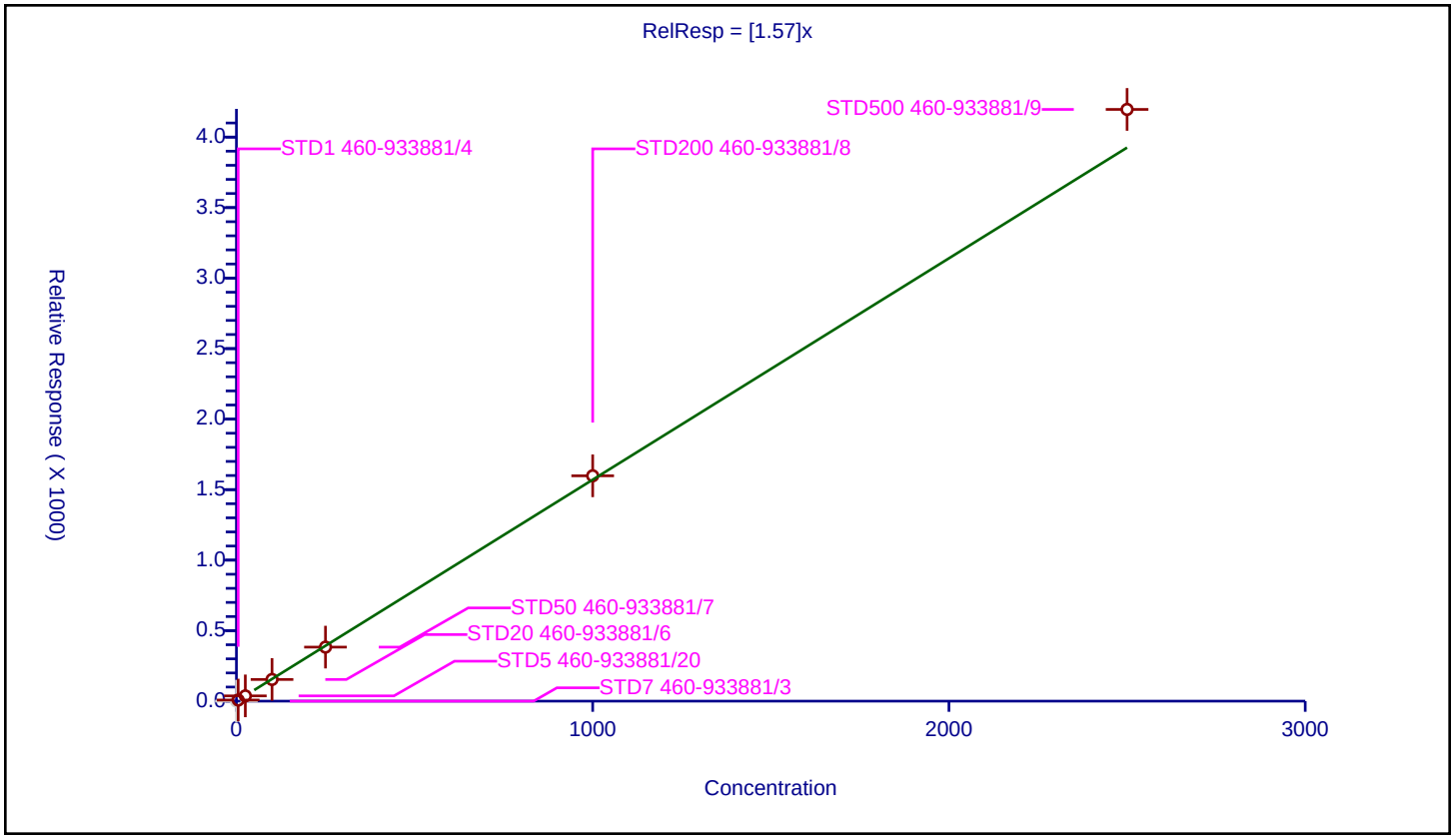
Curve Coefficients

Intercept:	0
Slope:	1.57

Error Coefficients

Standard Error:	2010000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	250.0	211477.0	NaN	N
2	STD1 460-933881/4	5.0	7.92337	250.0	191806.0	1.584674	Y
3	STD5 460-933881/20	25.0	37.296	250.0	203125.0	1.49184	Y
4	STD20 460-933881/6	100.0	153.592912	250.0	223259.0	1.535929	Y
5	STD50 460-933881/7	250.0	383.078042	250.0	229542.0	1.532312	Y
6	STD200 460-933881/8	1000.0	1598.017544	250.0	256954.0	1.598018	Y
7	STD500 460-933881/9	2500.0	4196.304873	250.0	248300.0	1.678522	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

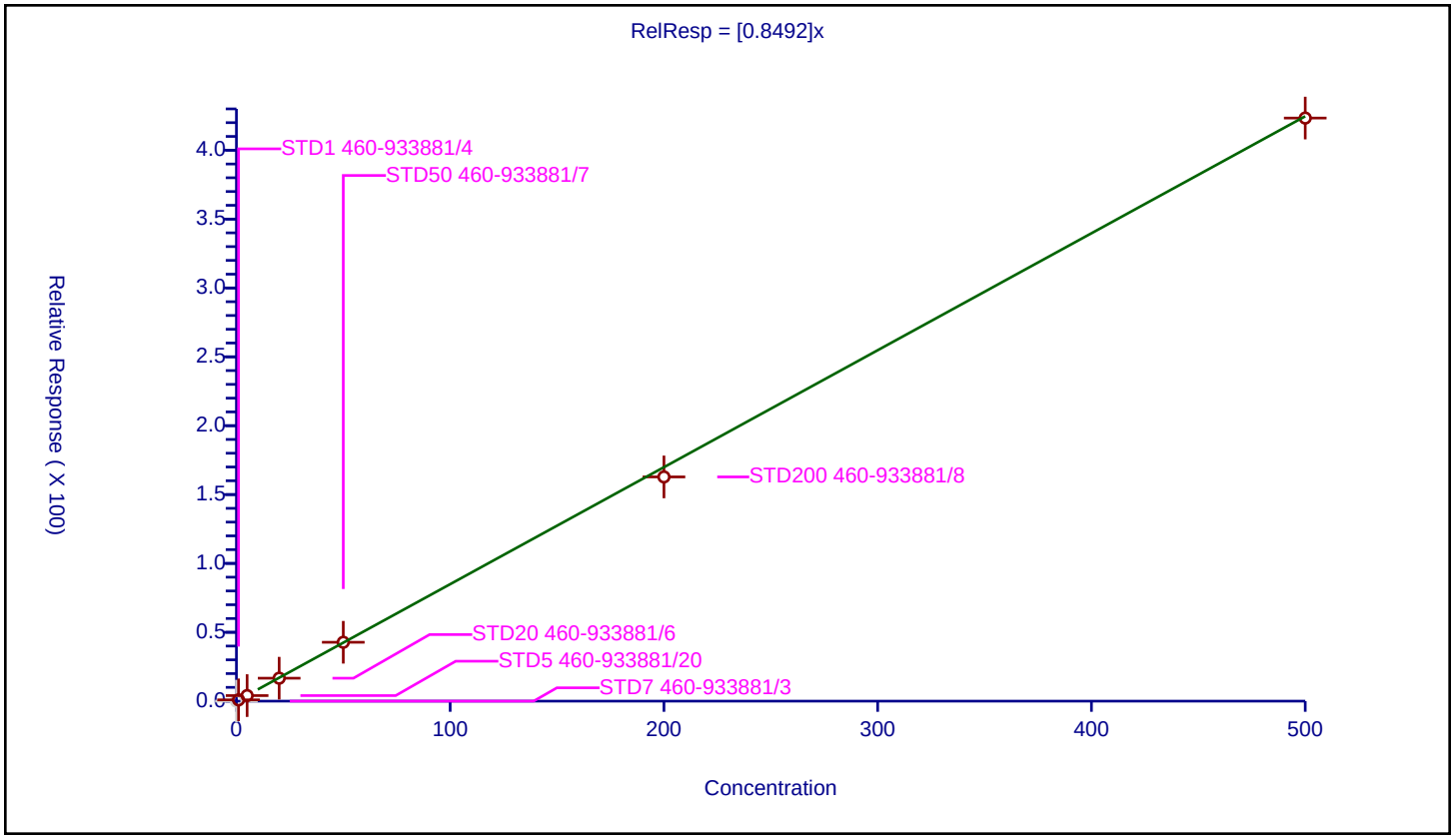
Curve Coefficients

Intercept:	0
Slope:	0.8492

Error Coefficients

Standard Error:	2330000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.940714	50.0	467836.0	0.940714	Y
3	STD5 460-933881/20	5.0	4.032326	50.0	453324.0	0.806465	Y
4	STD20 460-933881/6	20.0	16.651987	50.0	544968.0	0.832599	Y
5	STD50 460-933881/7	50.0	42.750935	50.0	548657.0	0.855019	Y
6	STD200 460-933881/8	200.0	162.797112	50.0	572344.0	0.813986	Y
7	STD500 460-933881/9	500.0	423.340029	50.0	572510.0	0.84668	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

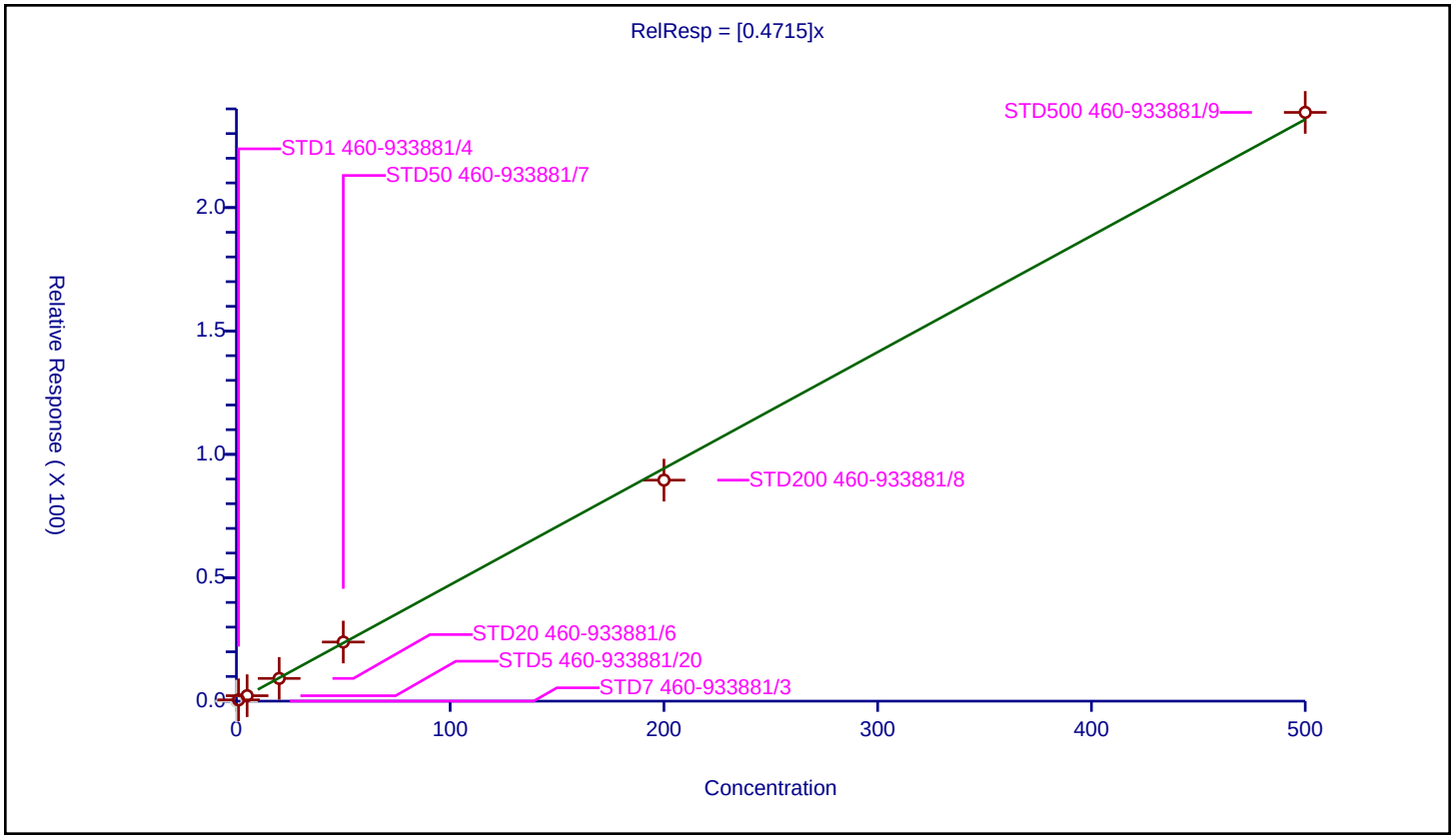
Curve Coefficients

Intercept:	0
Slope:	0.4715

Error Coefficients

Standard Error:	1310000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.521871	50.0	467836.0	0.521871	Y
3	STD5 460-933881/20	5.0	2.211884	50.0	453324.0	0.442377	Y
4	STD20 460-933881/6	20.0	9.206779	50.0	544968.0	0.460339	Y
5	STD50 460-933881/7	50.0	23.958776	50.0	548657.0	0.479176	Y
6	STD200 460-933881/8	200.0	89.55995	50.0	572344.0	0.4478	Y
7	STD500 460-933881/9	500.0	238.579413	50.0	572510.0	0.477159	Y



Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

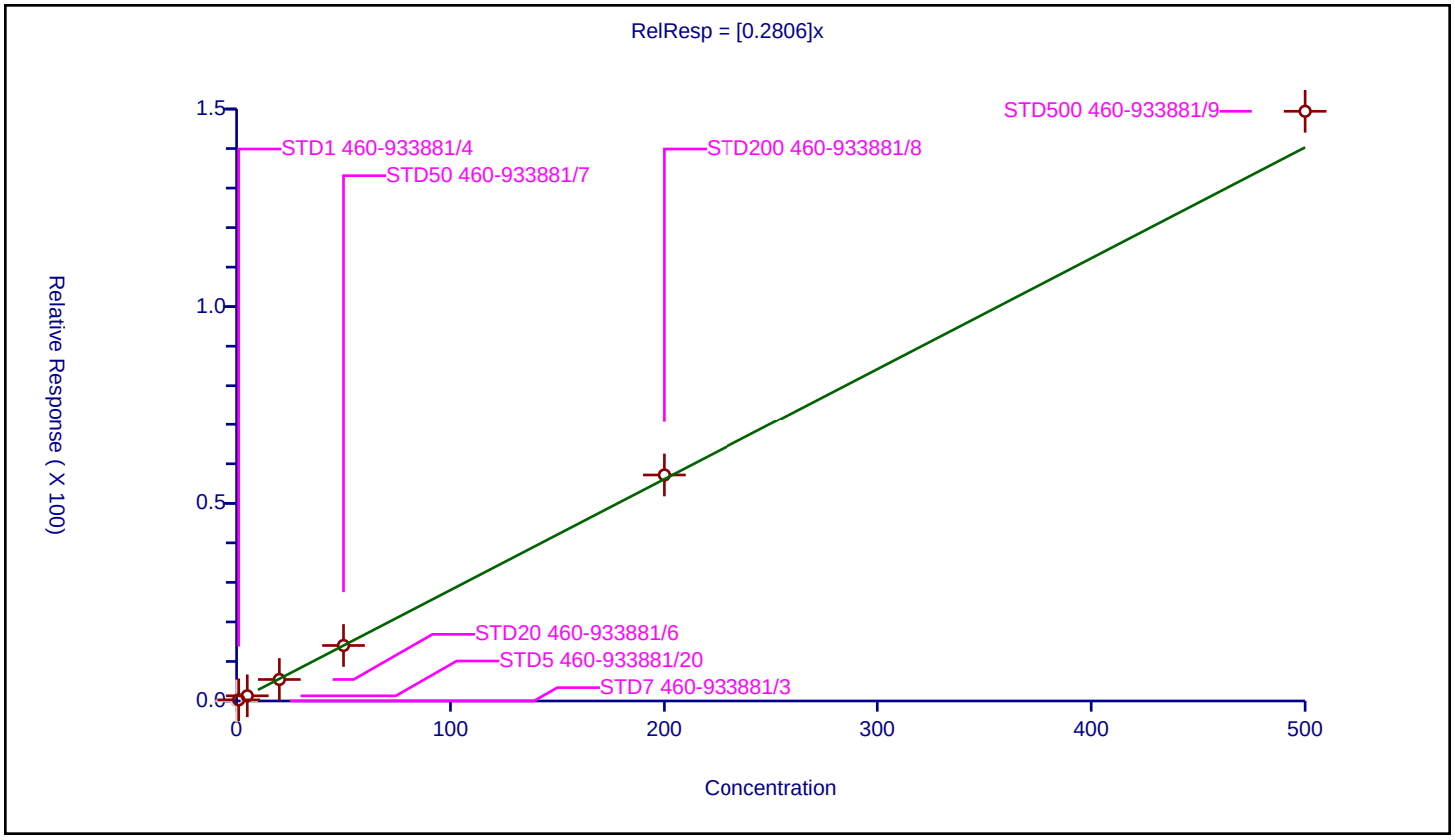
Curve Coefficients

Intercept:	0
Slope:	0.2806

Error Coefficients

Standard Error:	822000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.283753	50.0	467836.0	0.283753	Y
3	STD5 460-933881/20	5.0	1.310873	50.0	453324.0	0.262175	Y
4	STD20 460-933881/6	20.0	5.44298	50.0	544968.0	0.272149	Y
5	STD50 460-933881/7	50.0	14.04001	50.0	548657.0	0.2808	Y
6	STD200 460-933881/8	200.0	57.173745	50.0	572344.0	0.285869	Y
7	STD500 460-933881/9	500.0	149.424639	50.0	572510.0	0.298849	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

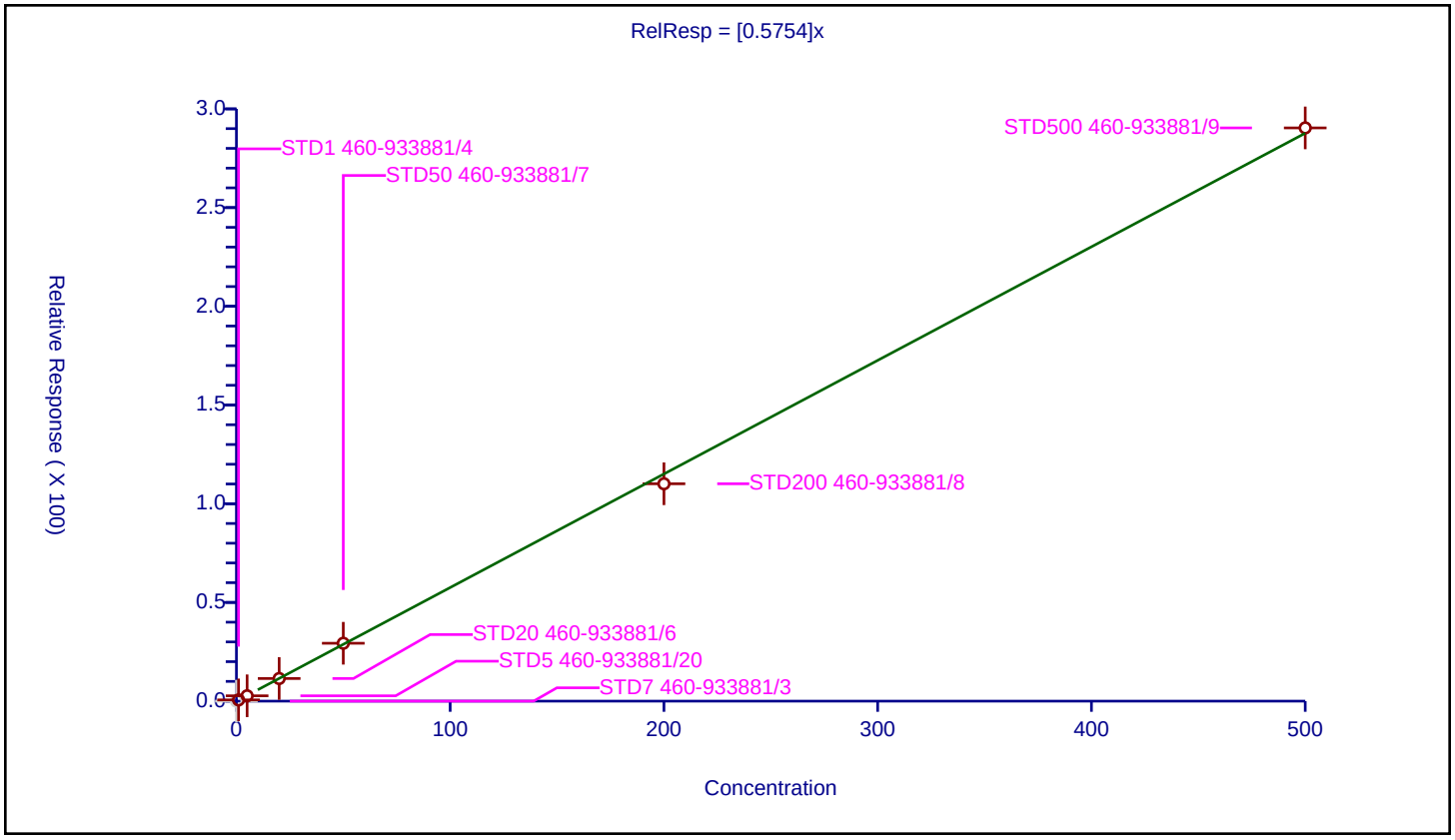
Curve Coefficients

Intercept:	0
Slope:	0.5754

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.621799	50.0	467836.0	0.621799	Y
3	STD5 460-933881/20	5.0	2.698953	50.0	453324.0	0.539791	Y
4	STD20 460-933881/6	20.0	11.458012	50.0	544968.0	0.572901	Y
5	STD50 460-933881/7	50.0	29.319867	50.0	548657.0	0.586397	Y
6	STD200 460-933881/8	200.0	110.106859	50.0	572344.0	0.550534	Y
7	STD500 460-933881/9	500.0	290.370474	50.0	572510.0	0.580741	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

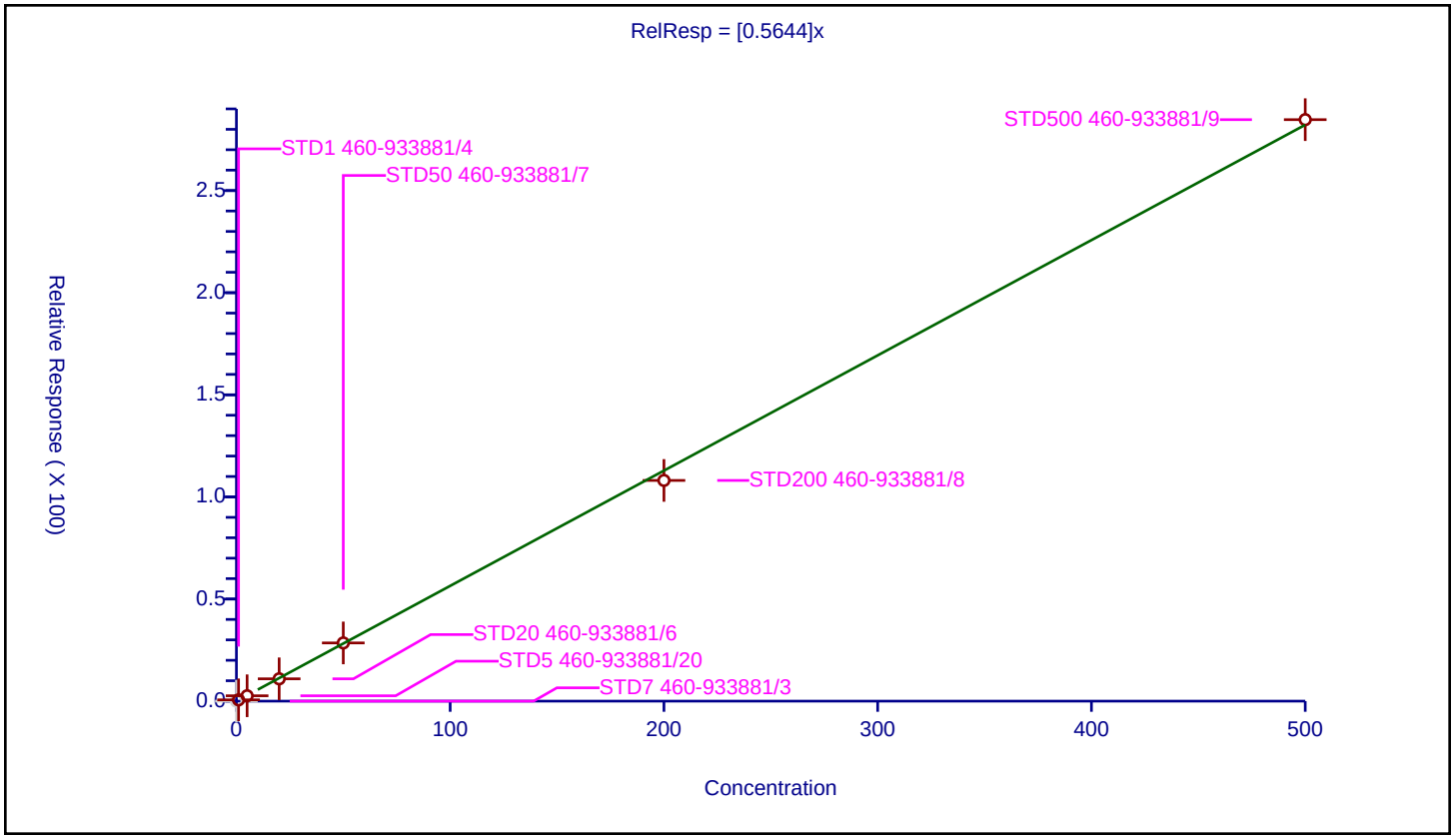
Curve Coefficients

Intercept:	0
Slope:	0.5644

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.634197	50.0	467836.0	0.634197	Y
3	STD5 460-933881/20	5.0	2.628253	50.0	453324.0	0.525651	Y
4	STD20 460-933881/6	20.0	10.92899	50.0	544968.0	0.54645	Y
5	STD50 460-933881/7	50.0	28.507064	50.0	548657.0	0.570141	Y
6	STD200 460-933881/8	200.0	108.067264	50.0	572344.0	0.540336	Y
7	STD500 460-933881/9	500.0	284.724808	50.0	572510.0	0.56945	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

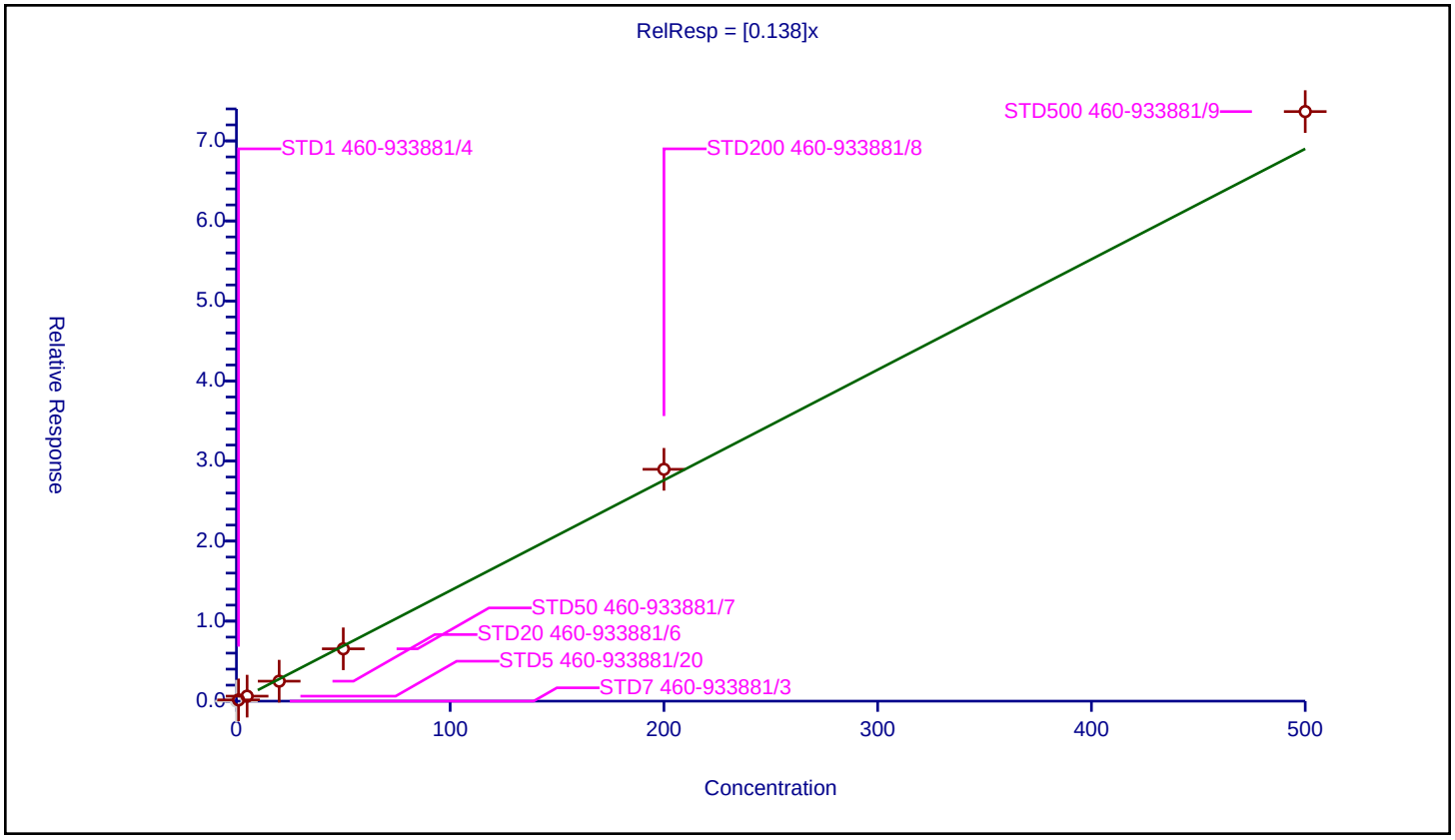
Curve Coefficients

Intercept:	0
Slope:	0.138

Error Coefficients

Standard Error:	407000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.155396	50.0	467836.0	0.155396	Y
3	STD5 460-933881/20	5.0	0.625491	50.0	453324.0	0.125098	Y
4	STD20 460-933881/6	20.0	2.494734	50.0	544968.0	0.124737	Y
5	STD50 460-933881/7	50.0	6.536415	50.0	548657.0	0.130728	Y
6	STD200 460-933881/8	200.0	28.967631	50.0	572344.0	0.144838	Y
7	STD500 460-933881/9	500.0	73.663342	50.0	572510.0	0.147327	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

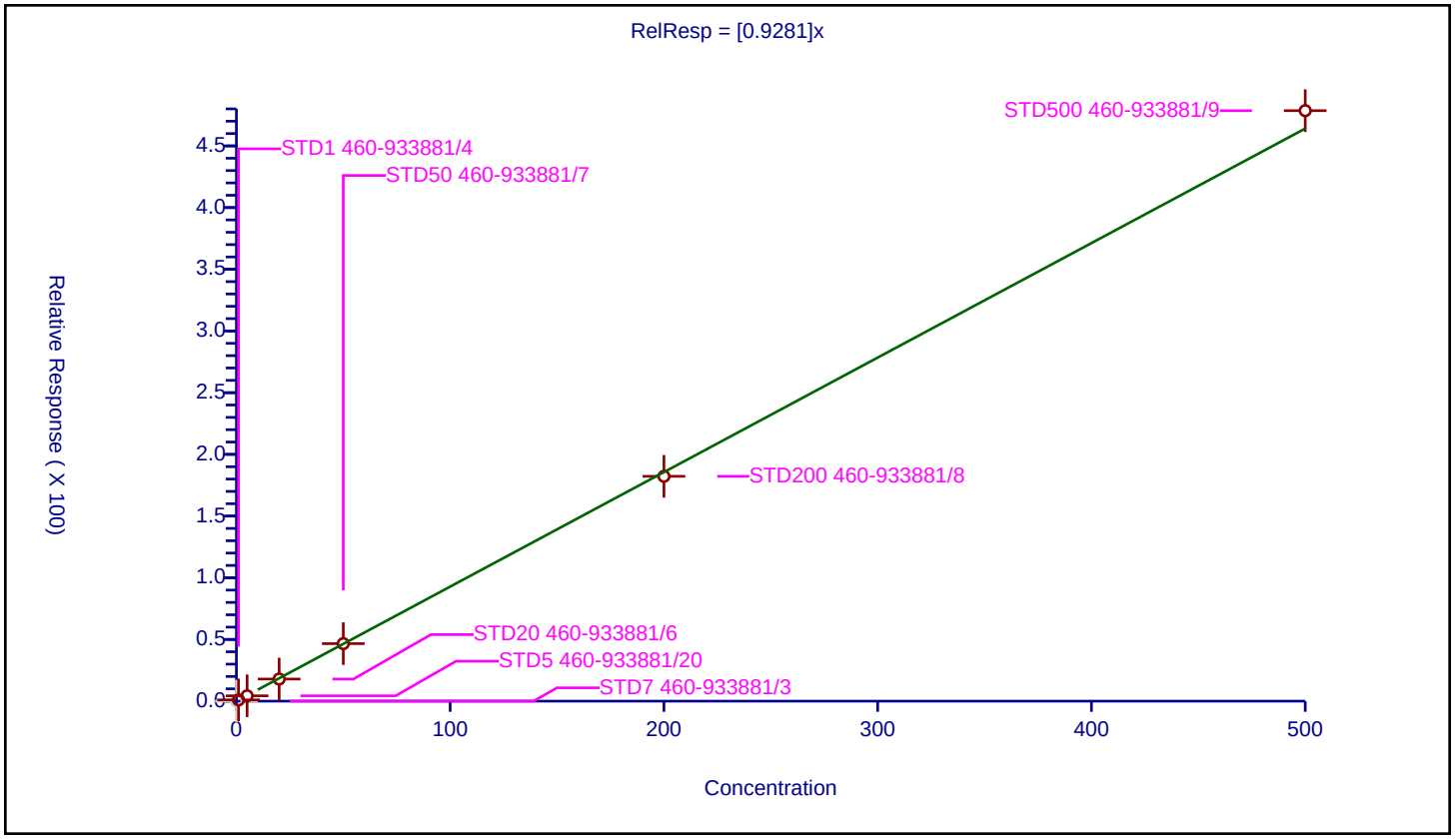
Curve Coefficients

Intercept:	0
Slope:	0.9281

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	1.005801	50.0	467836.0	1.005801	Y
3	STD5 460-933881/20	5.0	4.327038	50.0	453324.0	0.865408	Y
4	STD20 460-933881/6	20.0	17.935824	50.0	544968.0	0.896791	Y
5	STD50 460-933881/7	50.0	46.616101	50.0	548657.0	0.932322	Y
6	STD200 460-933881/8	200.0	182.213843	50.0	572344.0	0.911069	Y
7	STD500 460-933881/9	500.0	478.560986	50.0	572510.0	0.957122	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

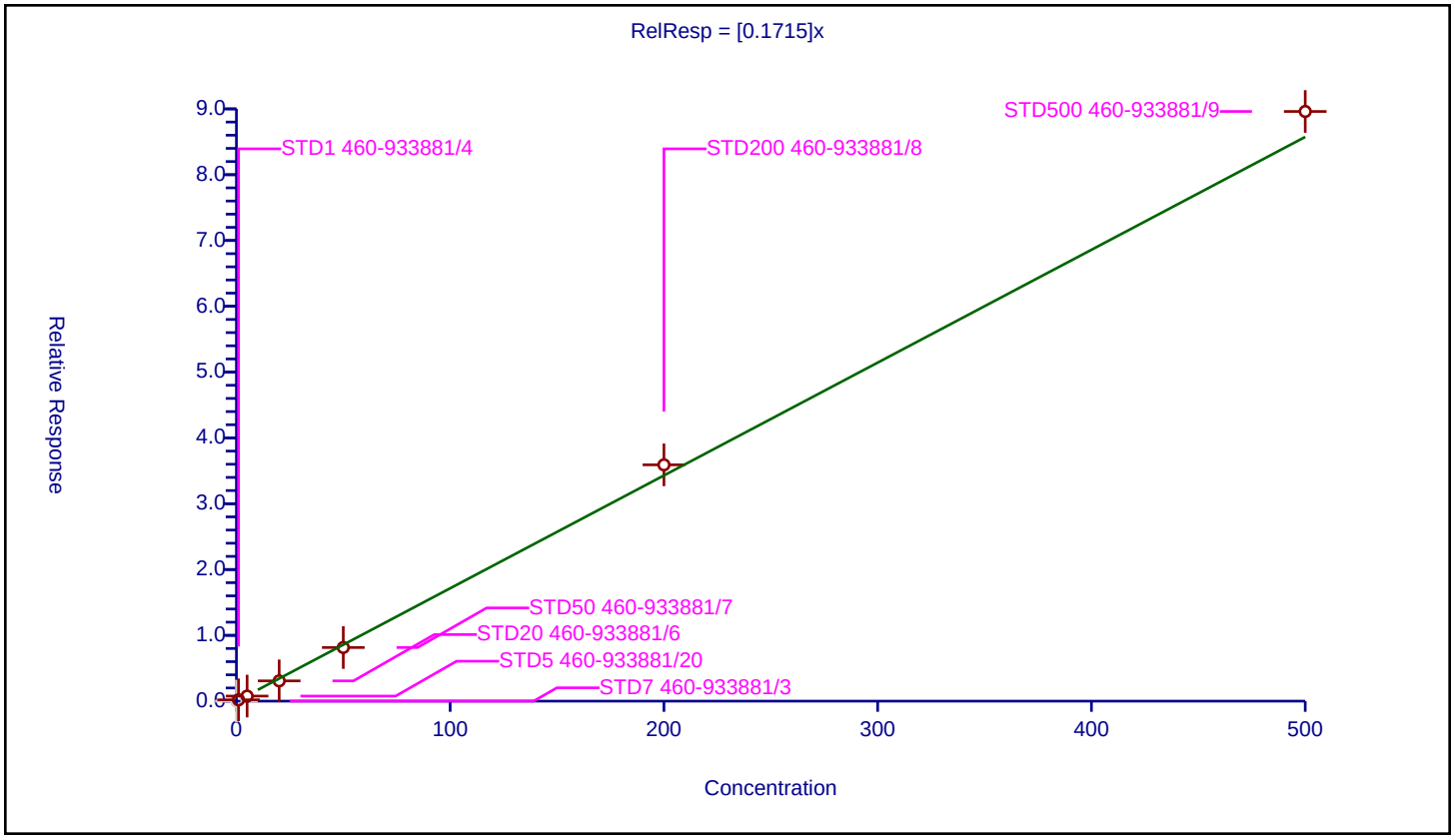
Curve Coefficients

Intercept:	0
Slope:	0.1715

Error Coefficients

Standard Error:	496000
Relative Standard Error:	10.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	0.199322	50.0	467836.0	0.199322	Y
3	STD5 460-933881/20	5.0	0.768986	50.0	453324.0	0.153797	Y
4	STD20 460-933881/6	20.0	3.078805	50.0	544968.0	0.15394	Y
5	STD50 460-933881/7	50.0	8.15145	50.0	548657.0	0.163029	Y
6	STD200 460-933881/8	200.0	35.90961	50.0	572344.0	0.179548	Y
7	STD500 460-933881/9	500.0	89.605422	50.0	572510.0	0.179211	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

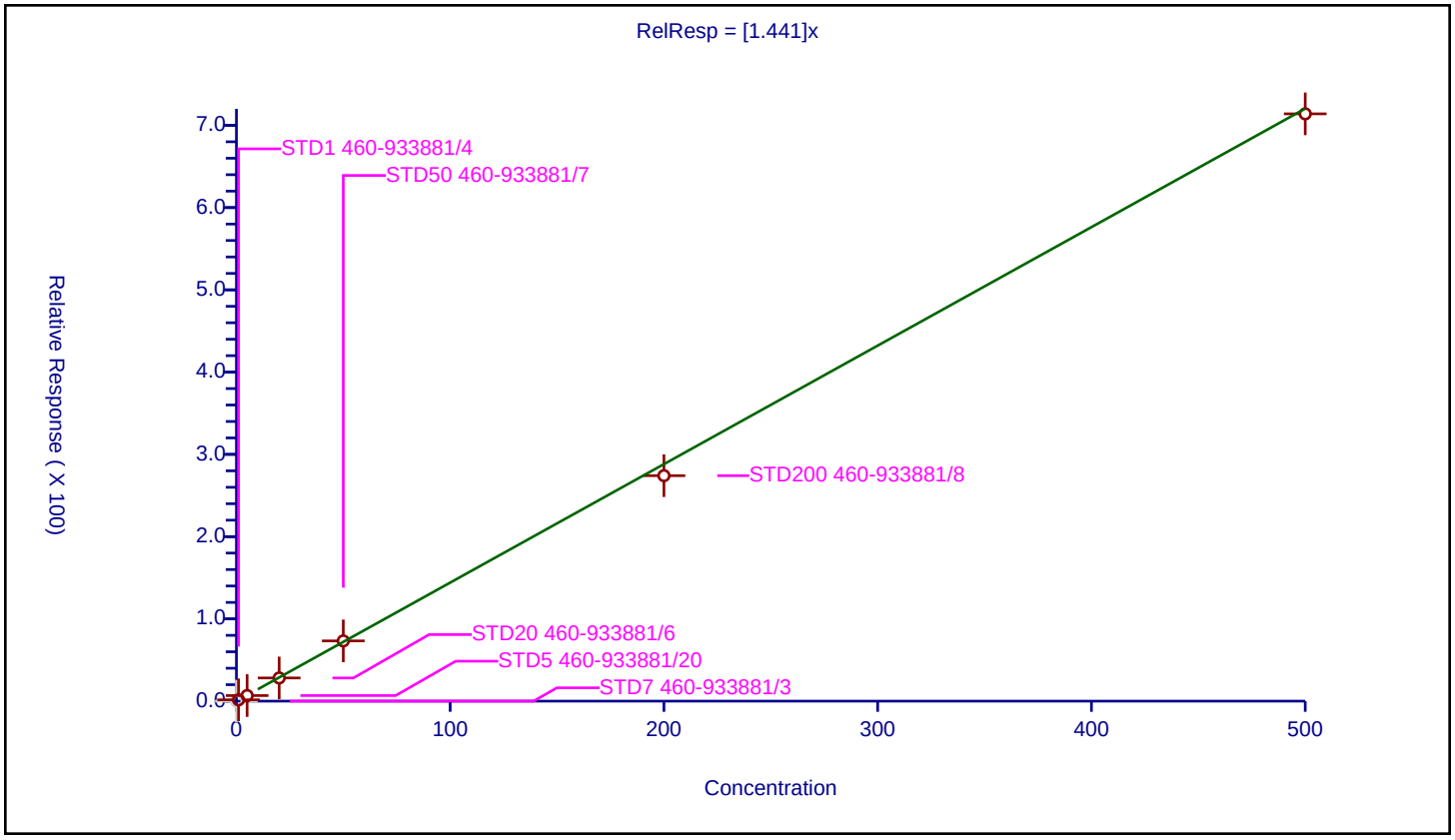
Curve Coefficients

Intercept:	0
Slope:	1.441

Error Coefficients

Standard Error:	3930000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	469702.0	NaN	N
2	STD1 460-933881/4	1.0	1.612958	50.0	467836.0	1.612958	Y
3	STD5 460-933881/20	5.0	6.790949	50.0	453324.0	1.35819	Y
4	STD20 460-933881/6	20.0	28.198812	50.0	544968.0	1.409941	Y
5	STD50 460-933881/7	50.0	73.217967	50.0	548657.0	1.464359	Y
6	STD200 460-933881/8	200.0	274.116353	50.0	572344.0	1.370582	Y
7	STD500 460-933881/9	500.0	713.983686	50.0	572510.0	1.427967	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

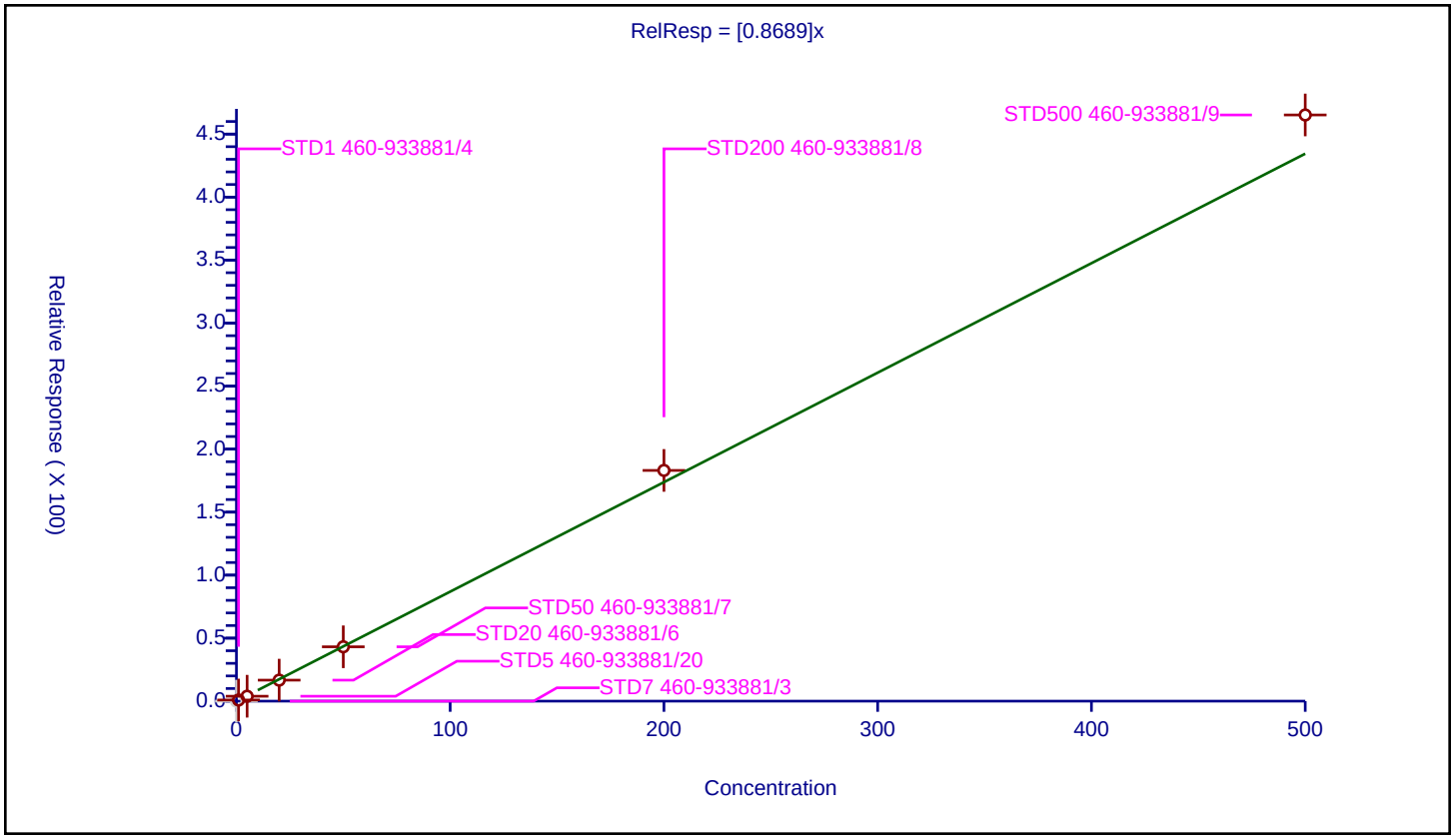
Curve Coefficients

Intercept:	0
Slope:	0.8689

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.893198	50.0	233039.0	0.893198	Y
3	STD5 460-933881/20	5.0	3.890976	50.0	232885.0	0.778195	Y
4	STD20 460-933881/6	20.0	16.666917	50.0	266228.0	0.833346	Y
5	STD50 460-933881/7	50.0	43.126622	50.0	272086.0	0.862532	Y
6	STD200 460-933881/8	200.0	183.097119	50.0	291332.0	0.915486	Y
7	STD500 460-933881/9	500.0	465.171462	50.0	284086.0	0.930343	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

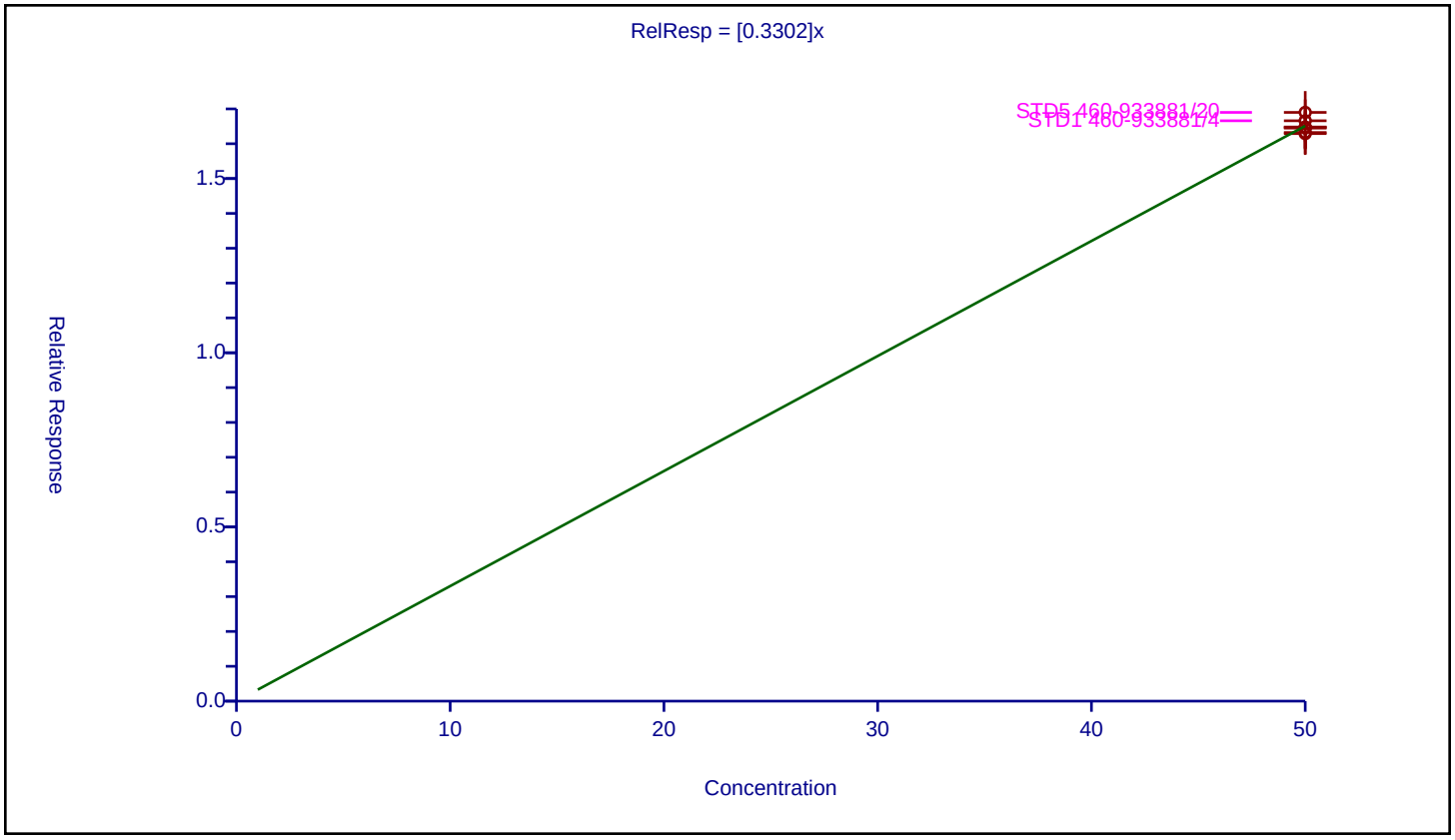
Curve Coefficients

Intercept:	0
Slope:	0.3302

Error Coefficients

Standard Error:	185000
Relative Standard Error:	1.3
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	50.0	16.470656	50.0	469702.0	0.329413	Y
2	STD1 460-933881/4	50.0	16.65915	50.0	467836.0	0.333183	Y
3	STD20 460-933881/6	50.0	16.479867	50.0	544968.0	0.329597	Y
4	STD50 460-933881/7	50.0	16.448984	50.0	548657.0	0.32898	Y
5	STD200 460-933881/8	50.0	16.290815	50.0	572344.0	0.325816	Y
6	STD500 460-933881/9	50.0	16.321811	50.0	572510.0	0.326436	Y
7	STD5 460-933881/20	50.0	16.89873	50.0	453324.0	0.337975	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

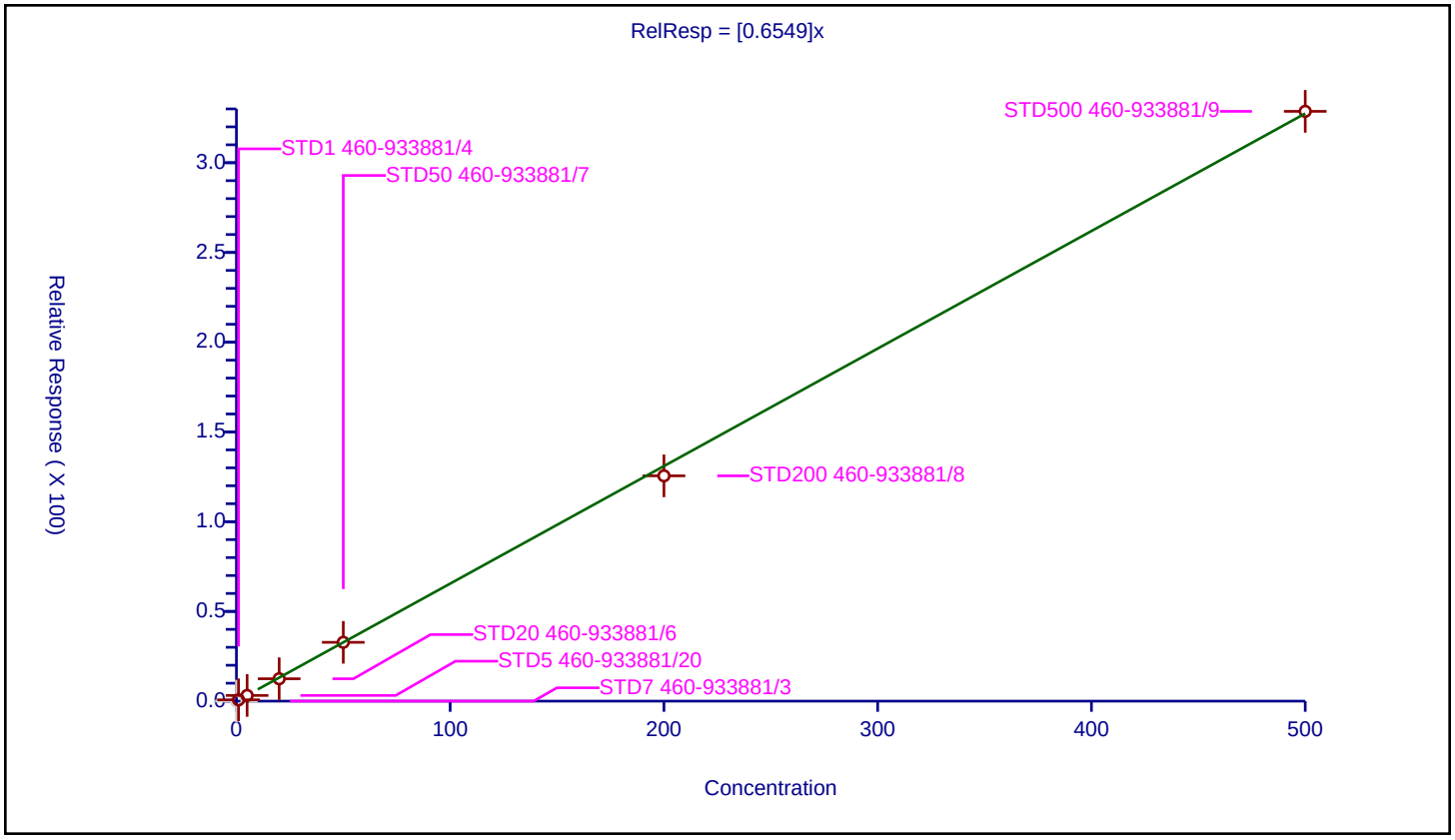
Curve Coefficients

Intercept:	0
Slope:	0.6549

Error Coefficients

Standard Error:	901000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.730994	50.0	233039.0	0.730994	Y
3	STD5 460-933881/20	5.0	3.171308	50.0	232885.0	0.634262	Y
4	STD20 460-933881/6	20.0	12.471265	50.0	266228.0	0.623563	Y
5	STD50 460-933881/7	50.0	32.767765	50.0	272086.0	0.655355	Y
6	STD200 460-933881/8	200.0	125.535472	50.0	291332.0	0.627677	Y
7	STD500 460-933881/9	500.0	328.628127	50.0	284086.0	0.657256	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

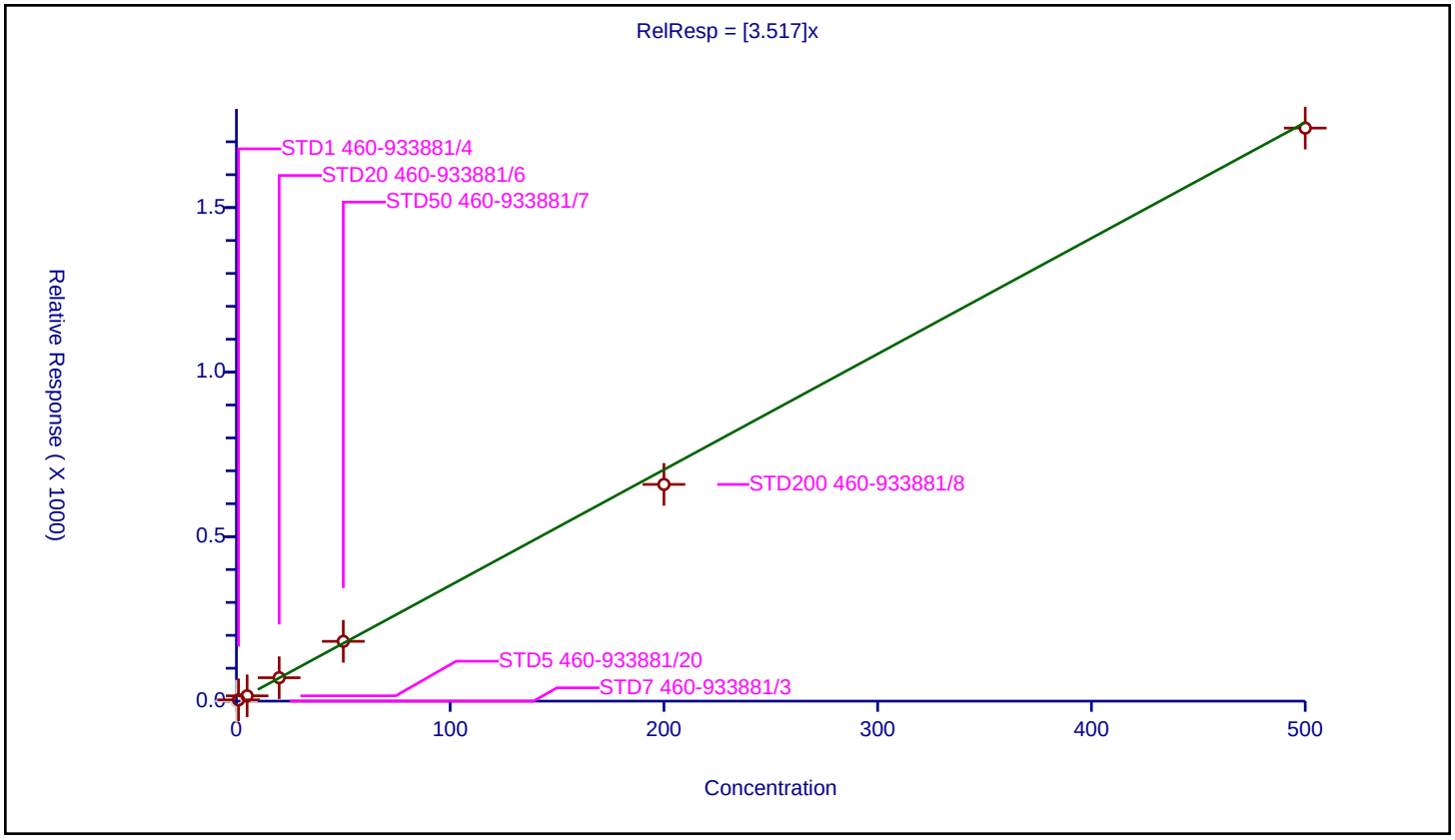
Curve Coefficients

Intercept:	0
Slope:	3.517

Error Coefficients

Standard Error:	4770000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	3.909646	50.0	233039.0	3.909646	Y
3	STD5 460-933881/20	5.0	16.119973	50.0	232885.0	3.223995	Y
4	STD20 460-933881/6	20.0	71.1779	50.0	266228.0	3.558895	Y
5	STD50 460-933881/7	50.0	181.757239	50.0	272086.0	3.635145	Y
6	STD200 460-933881/8	200.0	658.680303	50.0	291332.0	3.293402	Y
7	STD500 460-933881/9	500.0	1741.710785	50.0	284086.0	3.483422	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

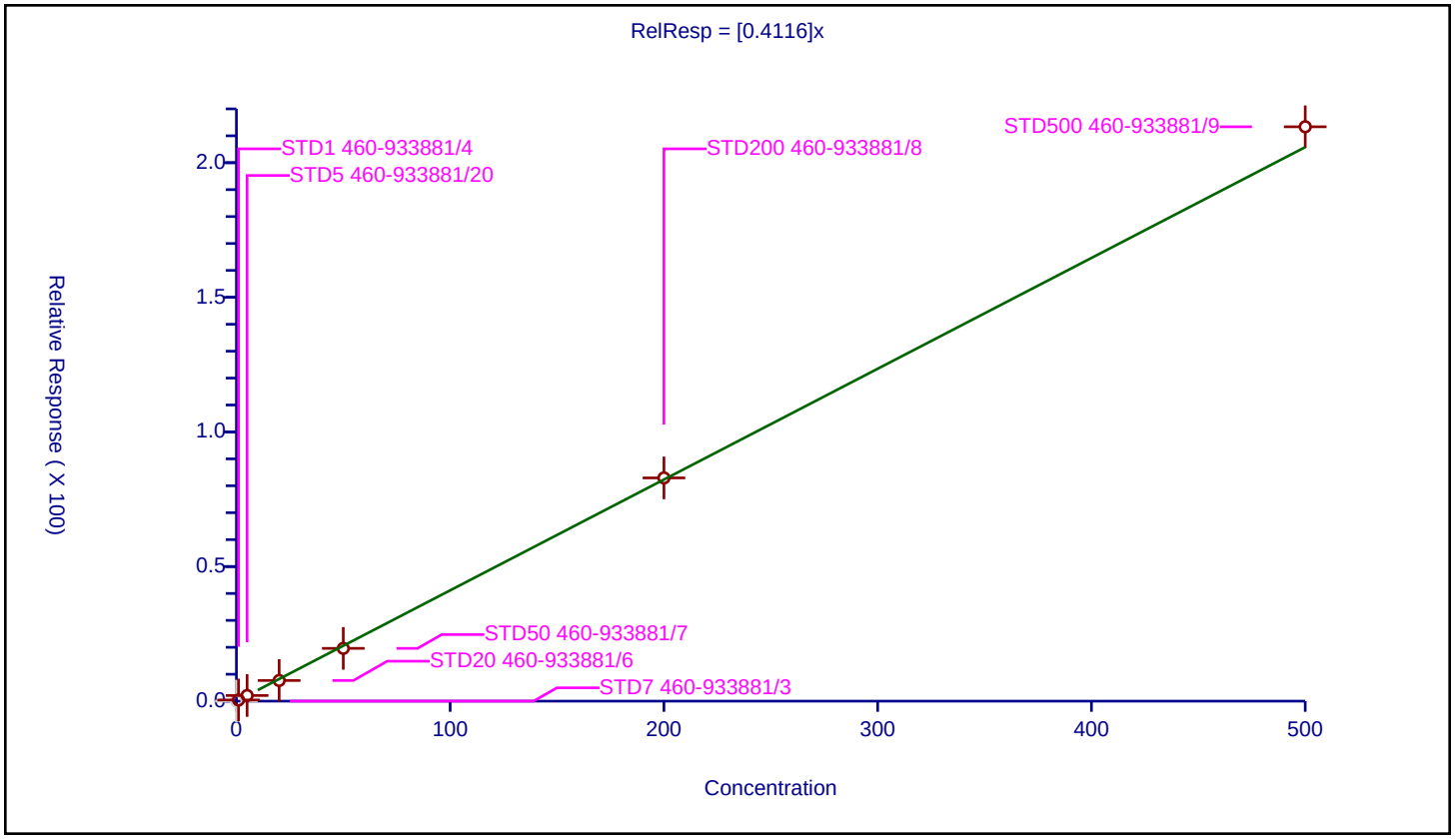
Curve Coefficients

Intercept:	0
Slope:	0.4116

Error Coefficients

Standard Error:	586000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.433404	50.0	233039.0	0.433404	Y
3	STD5 460-933881/20	5.0	2.096099	50.0	232885.0	0.41922	Y
4	STD20 460-933881/6	20.0	7.668051	50.0	266228.0	0.383403	Y
5	STD50 460-933881/7	50.0	19.60042	50.0	272086.0	0.392008	Y
6	STD200 460-933881/8	200.0	82.926009	50.0	291332.0	0.41463	Y
7	STD500 460-933881/9	500.0	213.352999	50.0	284086.0	0.426706	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

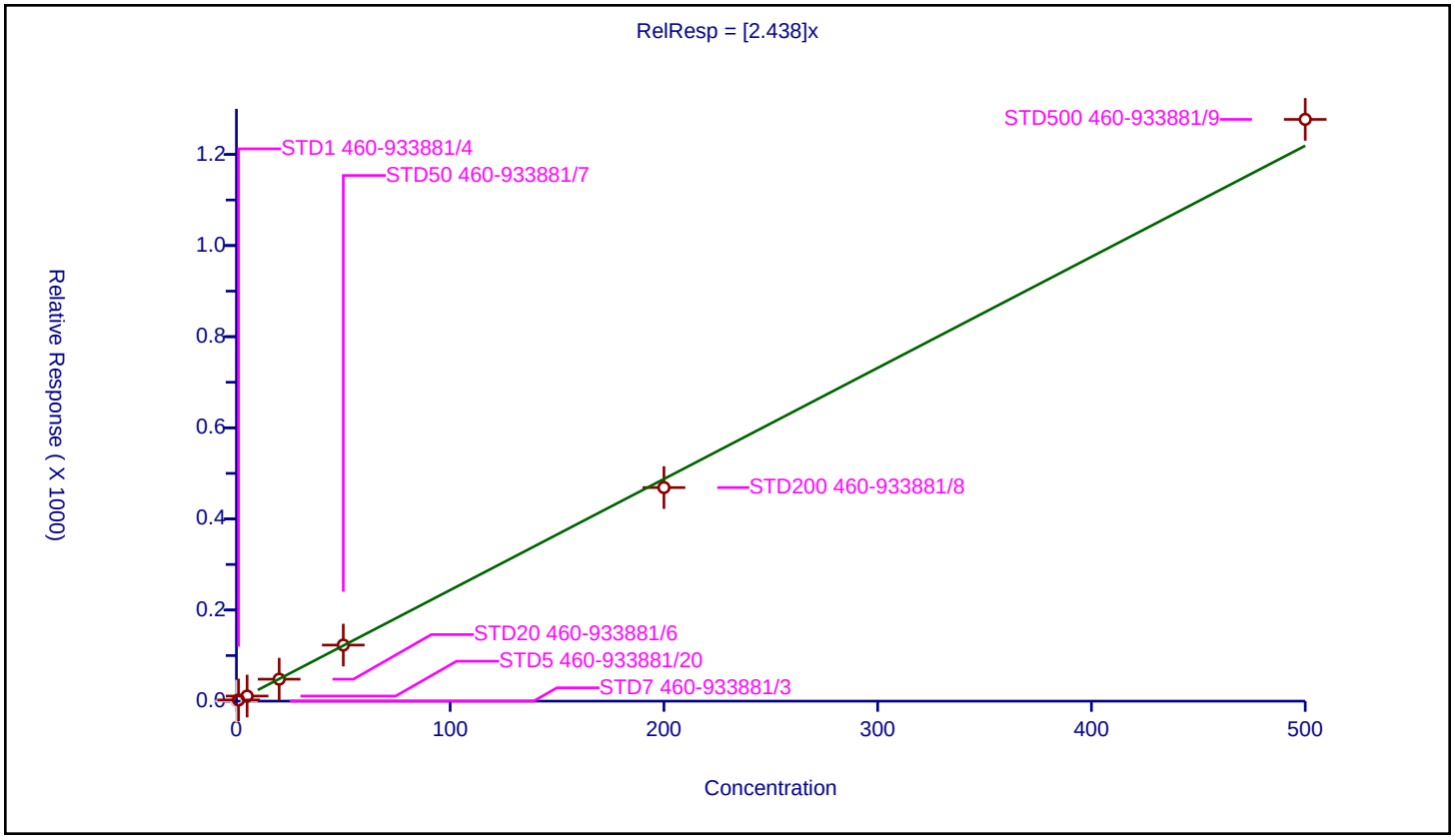
Curve Coefficients

Intercept:	0
Slope:	2.438

Error Coefficients

Standard Error:	3480000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.61866	50.0	233039.0	2.61866	Y
3	STD5 460-933881/20	5.0	11.201022	50.0	232885.0	2.240204	Y
4	STD20 460-933881/6	20.0	48.200227	50.0	266228.0	2.410011	Y
5	STD50 460-933881/7	50.0	123.11034	50.0	272086.0	2.462207	Y
6	STD200 460-933881/8	200.0	468.77583	50.0	291332.0	2.343879	Y
7	STD500 460-933881/9	500.0	1276.966658	50.0	284086.0	2.553933	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

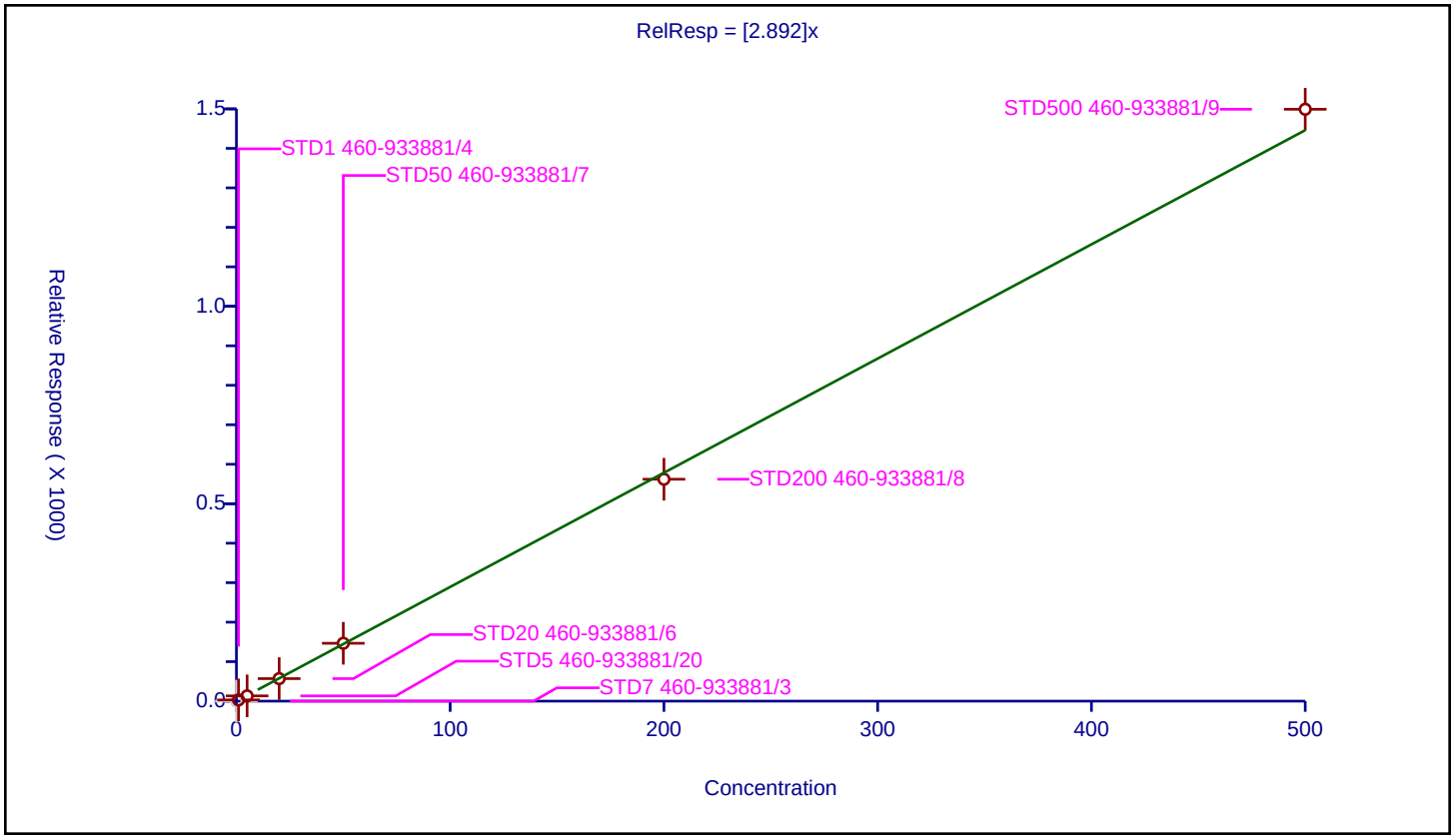
Curve Coefficients

Intercept:	0
Slope:	2.892

Error Coefficients

Standard Error:	4100000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	3.093045	50.0	233039.0	3.093045	Y
3	STD5 460-933881/20	5.0	13.338128	50.0	232885.0	2.667626	Y
4	STD20 460-933881/6	20.0	57.055794	50.0	266228.0	2.85279	Y
5	STD50 460-933881/7	50.0	146.528855	50.0	272086.0	2.930577	Y
6	STD200 460-933881/8	200.0	562.036783	50.0	291332.0	2.810184	Y
7	STD500 460-933881/9	500.0	1499.036735	50.0	284086.0	2.998073	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

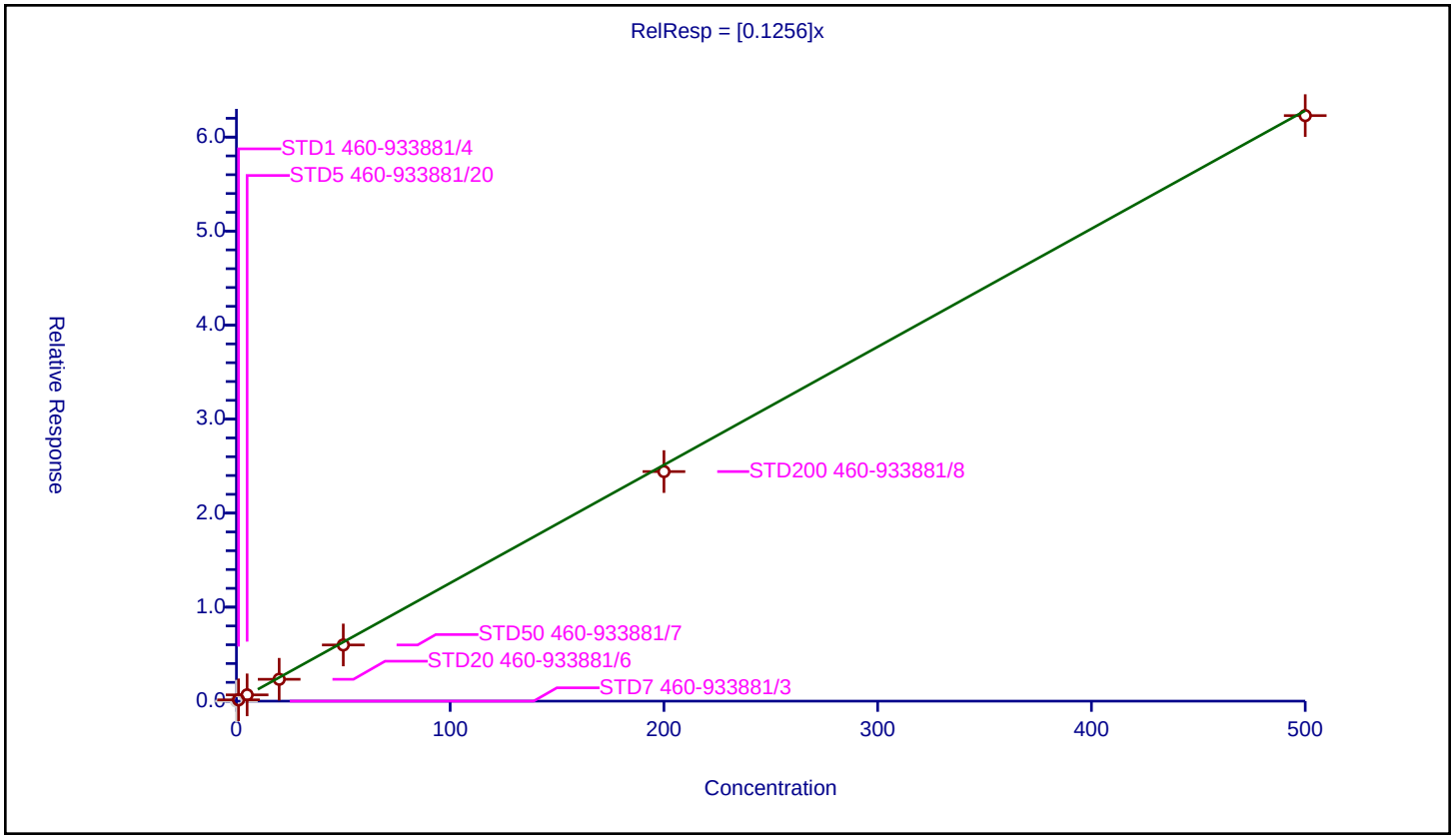
Curve Coefficients

Intercept:	0
Slope:	0.1256

Error Coefficients

Standard Error:	171000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.13796	50.0	233039.0	0.13796	Y
3	STD5 460-933881/20	5.0	0.667067	50.0	232885.0	0.133413	Y
4	STD20 460-933881/6	20.0	2.324136	50.0	266228.0	0.116207	Y
5	STD50 460-933881/7	50.0	5.975684	50.0	272086.0	0.119514	Y
6	STD200 460-933881/8	200.0	24.421107	50.0	291332.0	0.122106	Y
7	STD500 460-933881/9	500.0	62.285892	50.0	284086.0	0.124572	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

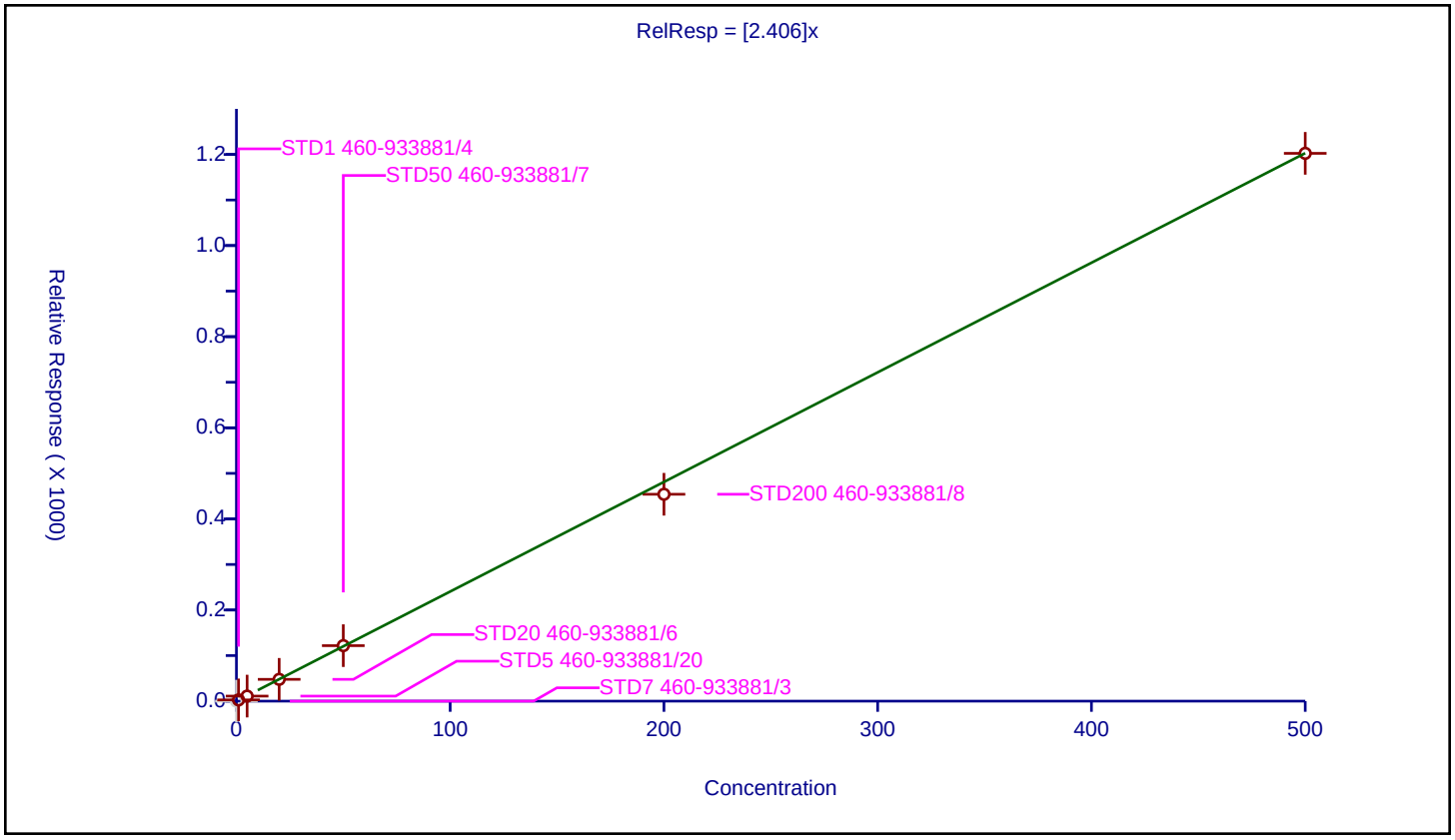
Curve Coefficients

Intercept:	0
Slope:	2.406

Error Coefficients

Standard Error:	3290000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.712422	50.0	233039.0	2.712422	Y
3	STD5 460-933881/20	5.0	11.094317	50.0	232885.0	2.218863	Y
4	STD20 460-933881/6	20.0	47.835314	50.0	266228.0	2.391766	Y
5	STD50 460-933881/7	50.0	121.798439	50.0	272086.0	2.435969	Y
6	STD200 460-933881/8	200.0	454.091037	50.0	291332.0	2.270455	Y
7	STD500 460-933881/9	500.0	1202.432362	50.0	284086.0	2.404865	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

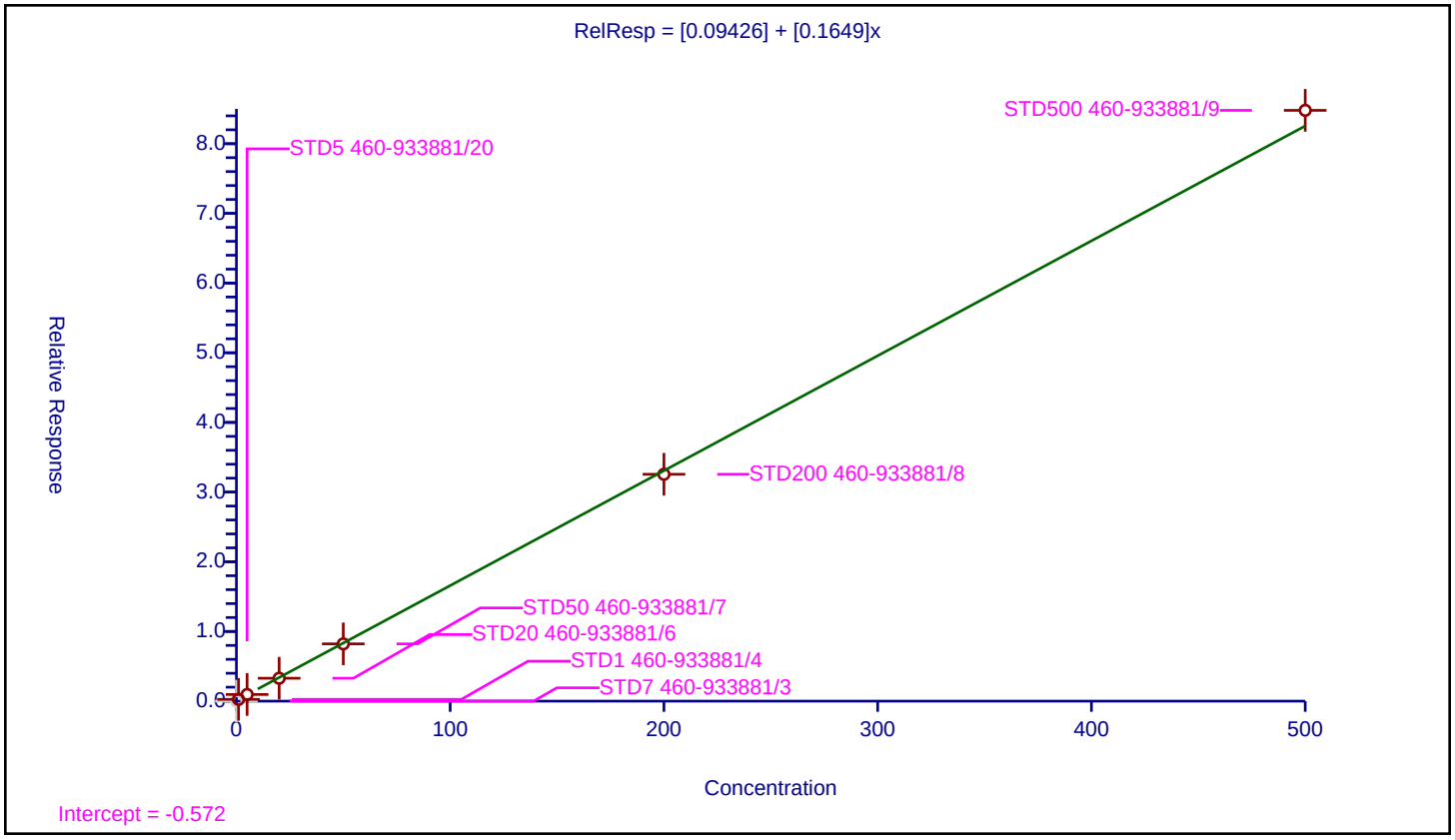
Curve Coefficients

Intercept:	0.09426
Slope:	0.1649

Error Coefficients

Standard Error:	260000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.258111	50.0	233039.0	0.258111	Y
3	STD5 460-933881/20	5.0	0.953475	50.0	232885.0	0.190695	Y
4	STD20 460-933881/6	20.0	3.285154	50.0	266228.0	0.164258	Y
5	STD50 460-933881/7	50.0	8.221114	50.0	272086.0	0.164422	Y
6	STD200 460-933881/8	200.0	32.5577	50.0	291332.0	0.162789	Y
7	STD500 460-933881/9	500.0	84.789289	50.0	284086.0	0.169579	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

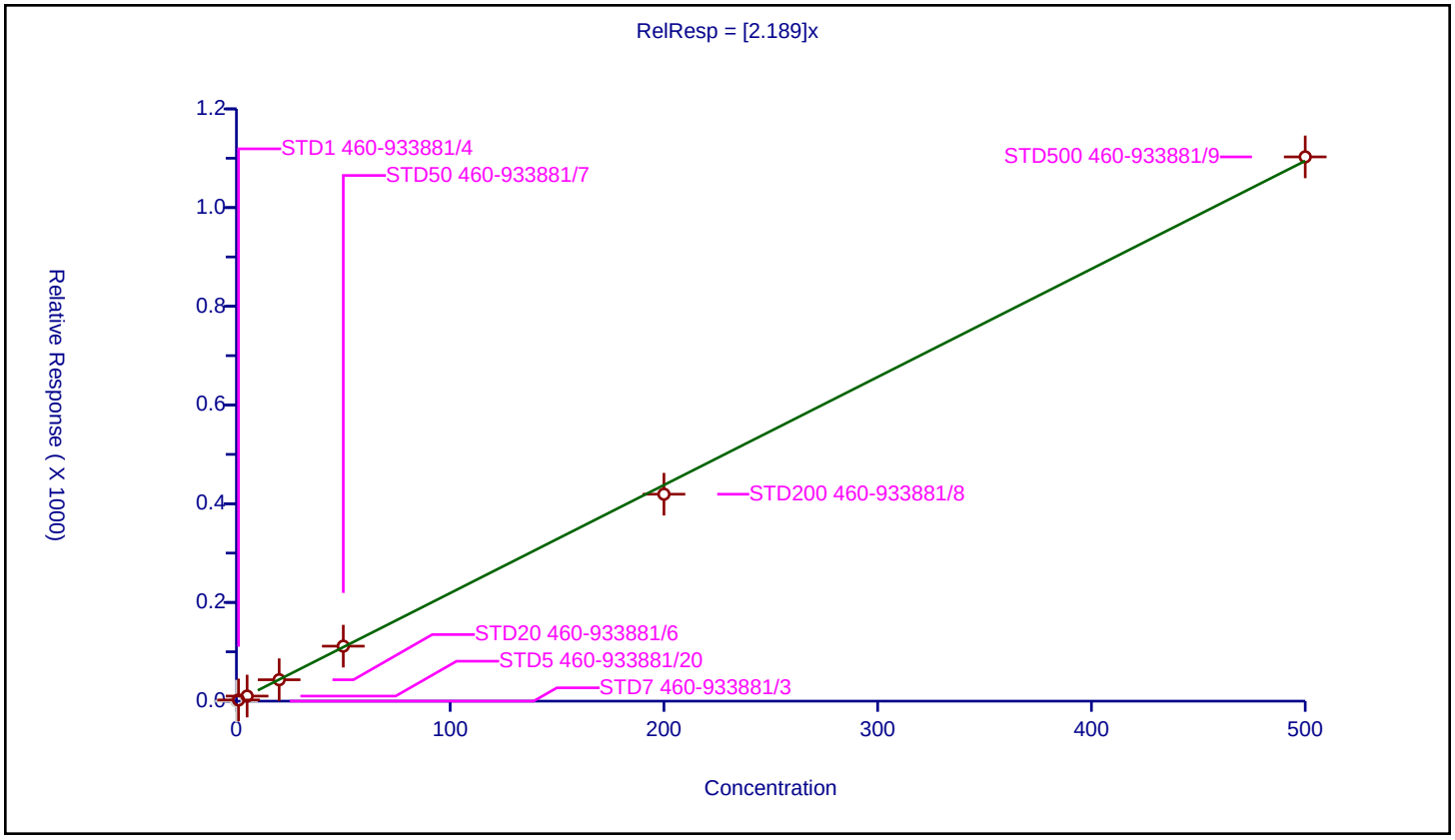
Curve Coefficients

Intercept:	0
Slope:	2.189

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	5.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.378143	50.0	233039.0	2.378143	Y
3	STD5 460-933881/20	5.0	10.294351	50.0	232885.0	2.05887	Y
4	STD20 460-933881/6	20.0	43.374664	50.0	266228.0	2.168733	Y
5	STD50 460-933881/7	50.0	111.390149	50.0	272086.0	2.227803	Y
6	STD200 460-933881/8	200.0	419.261015	50.0	291332.0	2.096305	Y
7	STD500 460-933881/9	500.0	1102.776272	50.0	284086.0	2.205553	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

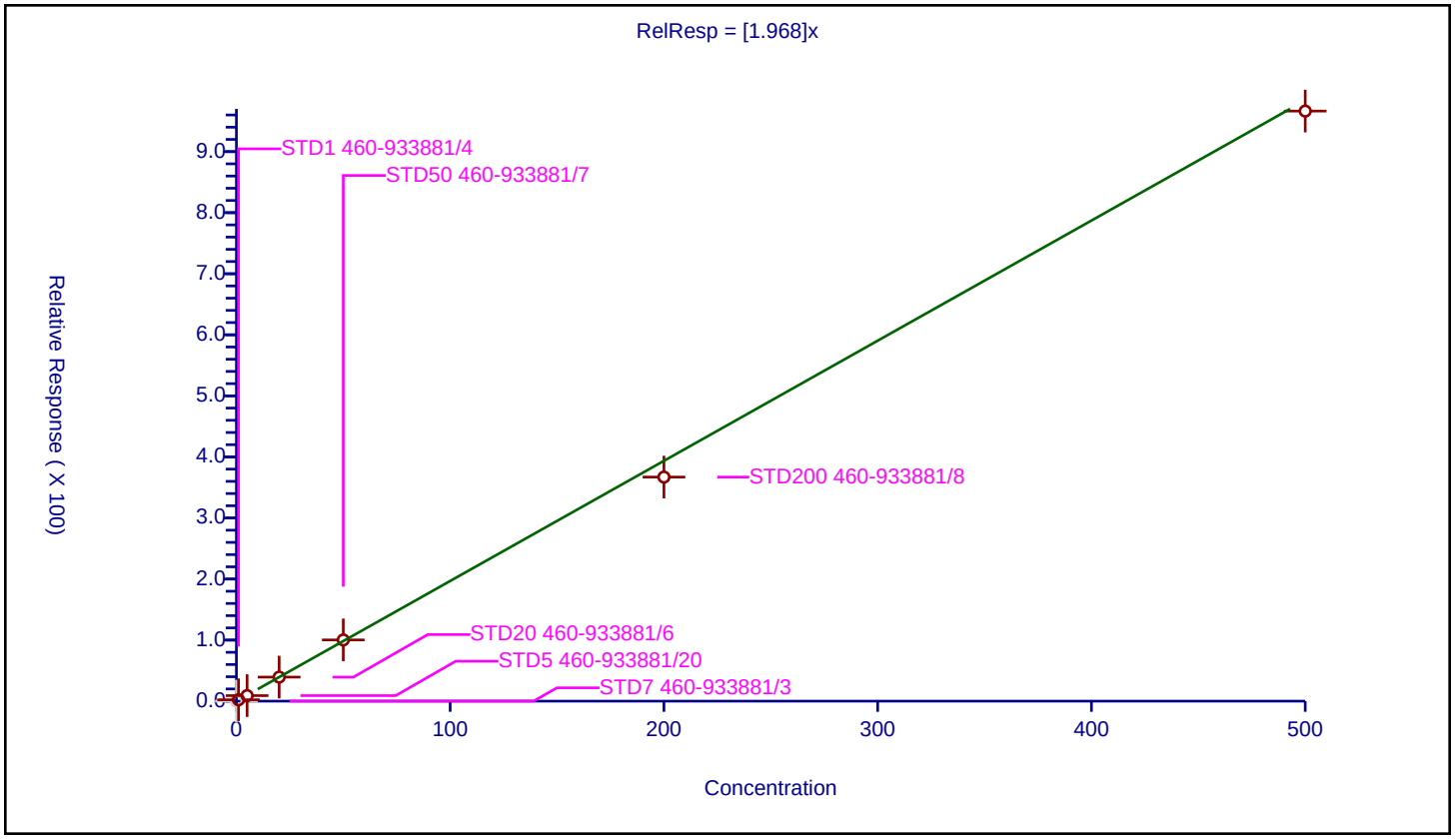
Curve Coefficients

Intercept:	0
Slope:	1.968

Error Coefficients

Standard Error:	2650000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.2537	50.0	233039.0	2.2537	Y
3	STD5 460-933881/20	5.0	9.065204	50.0	232885.0	1.813041	Y
4	STD20 460-933881/6	20.0	39.34804	50.0	266228.0	1.967402	Y
5	STD50 460-933881/7	50.0	100.252677	50.0	272086.0	2.005054	Y
6	STD200 460-933881/8	200.0	366.955226	50.0	291332.0	1.834776	Y
7	STD500 460-933881/9	500.0	966.404011	50.0	284086.0	1.932808	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

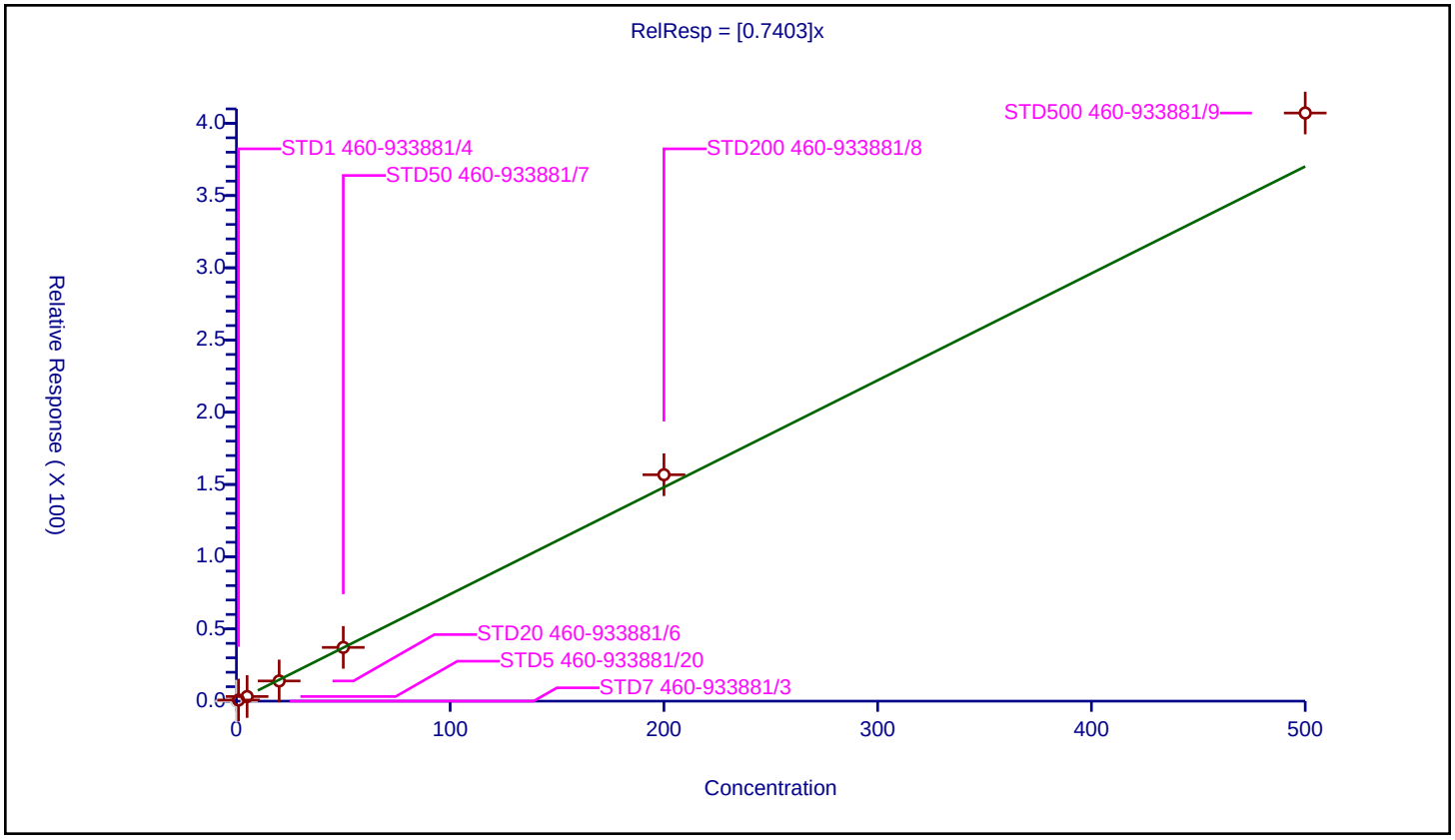
Curve Coefficients

Intercept:	0
Slope:	0.7403

Error Coefficients

Standard Error:	1120000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.762104	50.0	233039.0	0.762104	Y
3	STD5 460-933881/20	5.0	3.195354	50.0	232885.0	0.639071	Y
4	STD20 460-933881/6	20.0	13.974676	50.0	266228.0	0.698734	Y
5	STD50 460-933881/7	50.0	37.192836	50.0	272086.0	0.743857	Y
6	STD200 460-933881/8	200.0	156.741106	50.0	291332.0	0.783706	Y
7	STD500 460-933881/9	500.0	407.1503	50.0	284086.0	0.814301	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

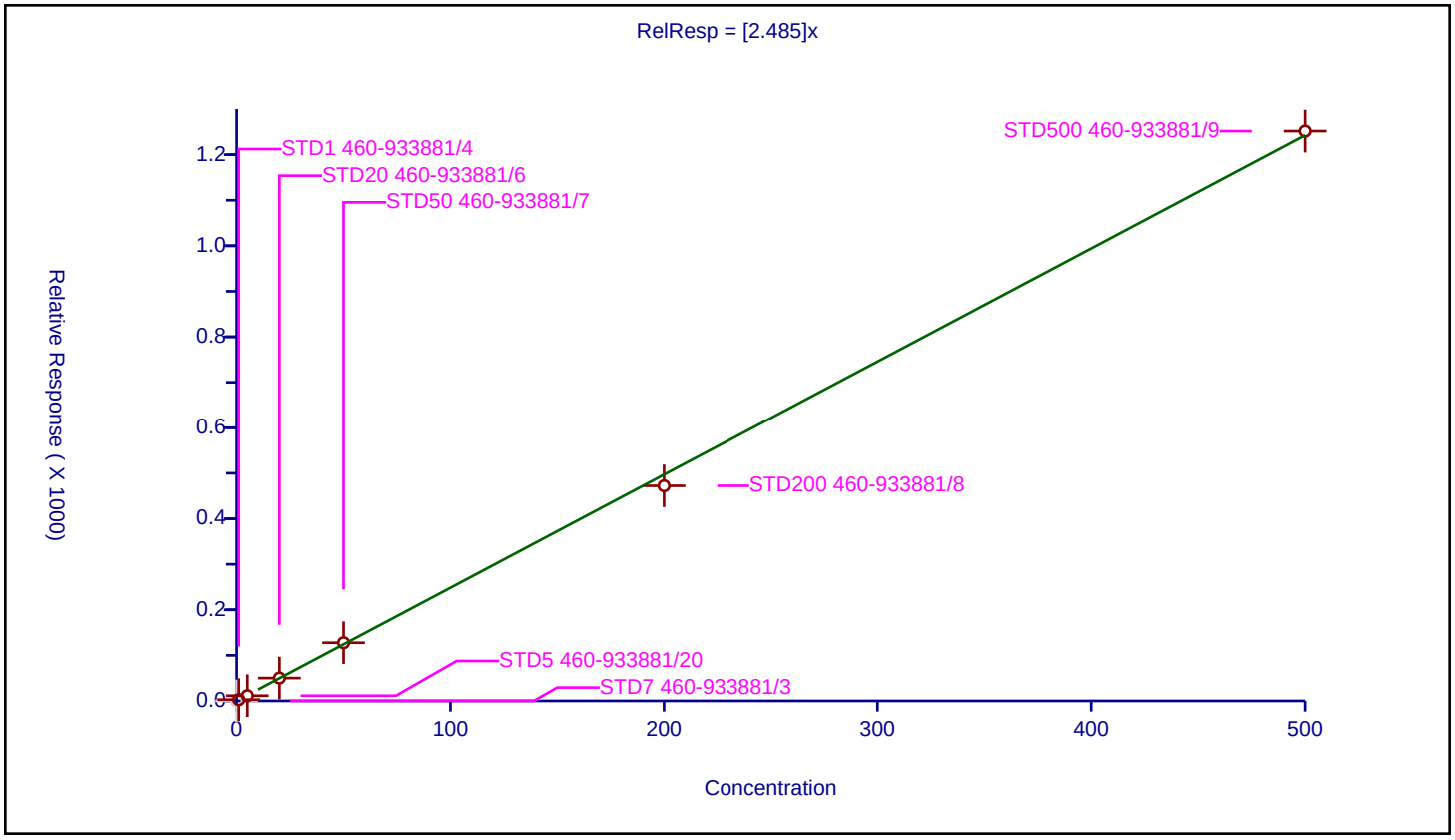
Curve Coefficients

Intercept:	0
Slope:	2.485

Error Coefficients

Standard Error:	3430000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.704483	50.0	233039.0	2.704483	Y
3	STD5 460-933881/20	5.0	11.406918	50.0	232885.0	2.281384	Y
4	STD20 460-933881/6	20.0	50.105173	50.0	266228.0	2.505259	Y
5	STD50 460-933881/7	50.0	127.704108	50.0	272086.0	2.554082	Y
6	STD200 460-933881/8	200.0	472.391121	50.0	291332.0	2.361956	Y
7	STD500 460-933881/9	500.0	1251.733982	50.0	284086.0	2.503468	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

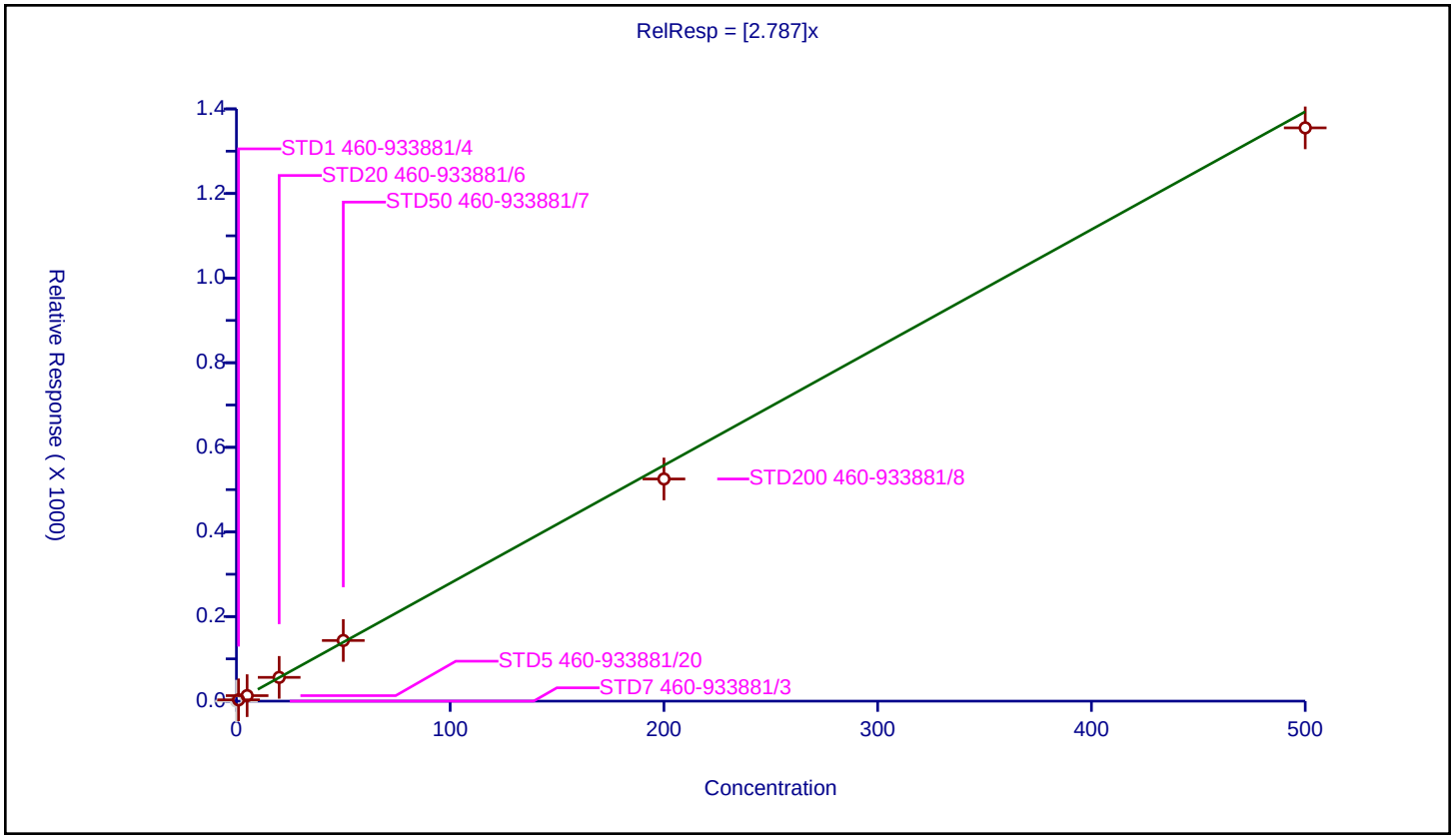
Curve Coefficients

Intercept:	0
Slope:	2.787

Error Coefficients

Standard Error:	3720000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	3.104201	50.0	233039.0	3.104201	Y
3	STD5 460-933881/20	5.0	13.016081	50.0	232885.0	2.603216	Y
4	STD20 460-933881/6	20.0	56.185112	50.0	266228.0	2.809256	Y
5	STD50 460-933881/7	50.0	143.418441	50.0	272086.0	2.868369	Y
6	STD200 460-933881/8	200.0	525.206465	50.0	291332.0	2.626032	Y
7	STD500 460-933881/9	500.0	1355.20265	50.0	284086.0	2.710405	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

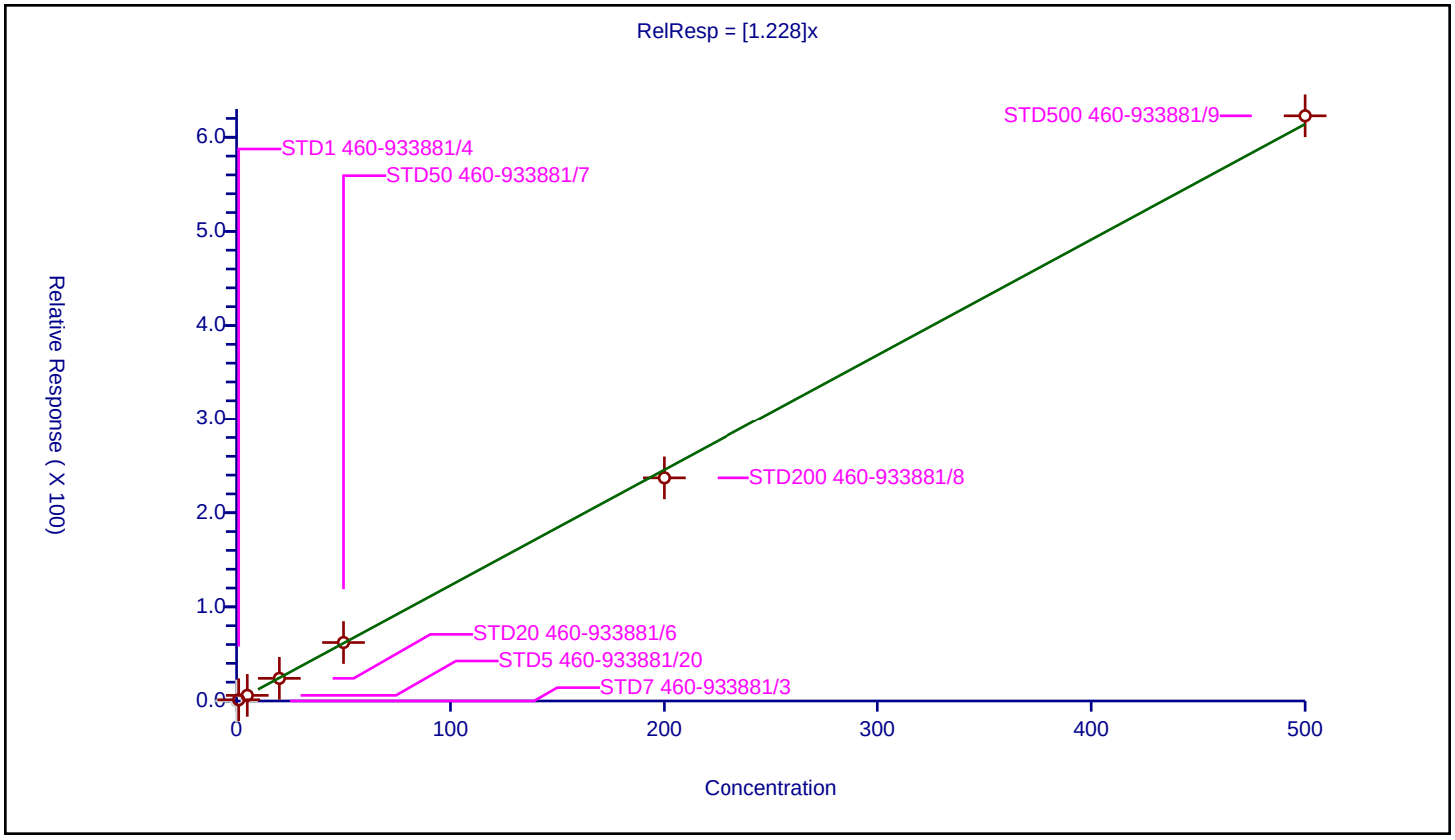
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Standard Error:	1710000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	1.300855	50.0	233039.0	1.300855	Y
3	STD5 460-933881/20	5.0	5.956373	50.0	232885.0	1.191275	Y
4	STD20 460-933881/6	20.0	24.04687	50.0	266228.0	1.202343	Y
5	STD50 460-933881/7	50.0	62.12521	50.0	272086.0	1.242504	Y
6	STD200 460-933881/8	200.0	237.073339	50.0	291332.0	1.185367	Y
7	STD500 460-933881/9	500.0	622.766521	50.0	284086.0	1.245533	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

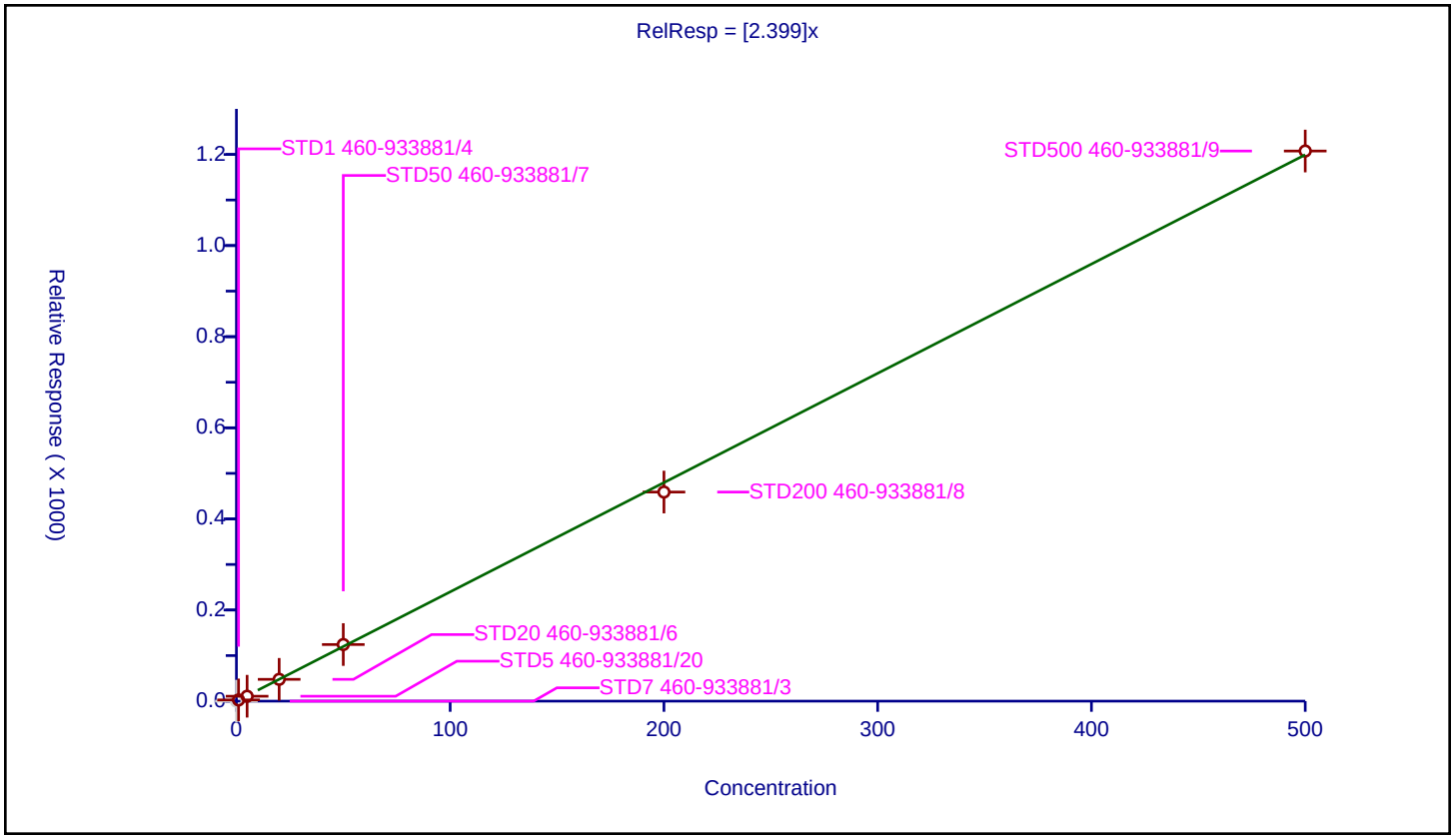
Curve Coefficients

Intercept:	0
Slope:	2.399

Error Coefficients

Standard Error:	3310000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.651917	50.0	233039.0	2.651917	Y
3	STD5 460-933881/20	5.0	10.757026	50.0	232885.0	2.151405	Y
4	STD20 460-933881/6	20.0	47.868744	50.0	266228.0	2.393437	Y
5	STD50 460-933881/7	50.0	124.241049	50.0	272086.0	2.484821	Y
6	STD200 460-933881/8	200.0	458.960396	50.0	291332.0	2.294802	Y
7	STD500 460-933881/9	500.0	1207.485409	50.0	284086.0	2.414971	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

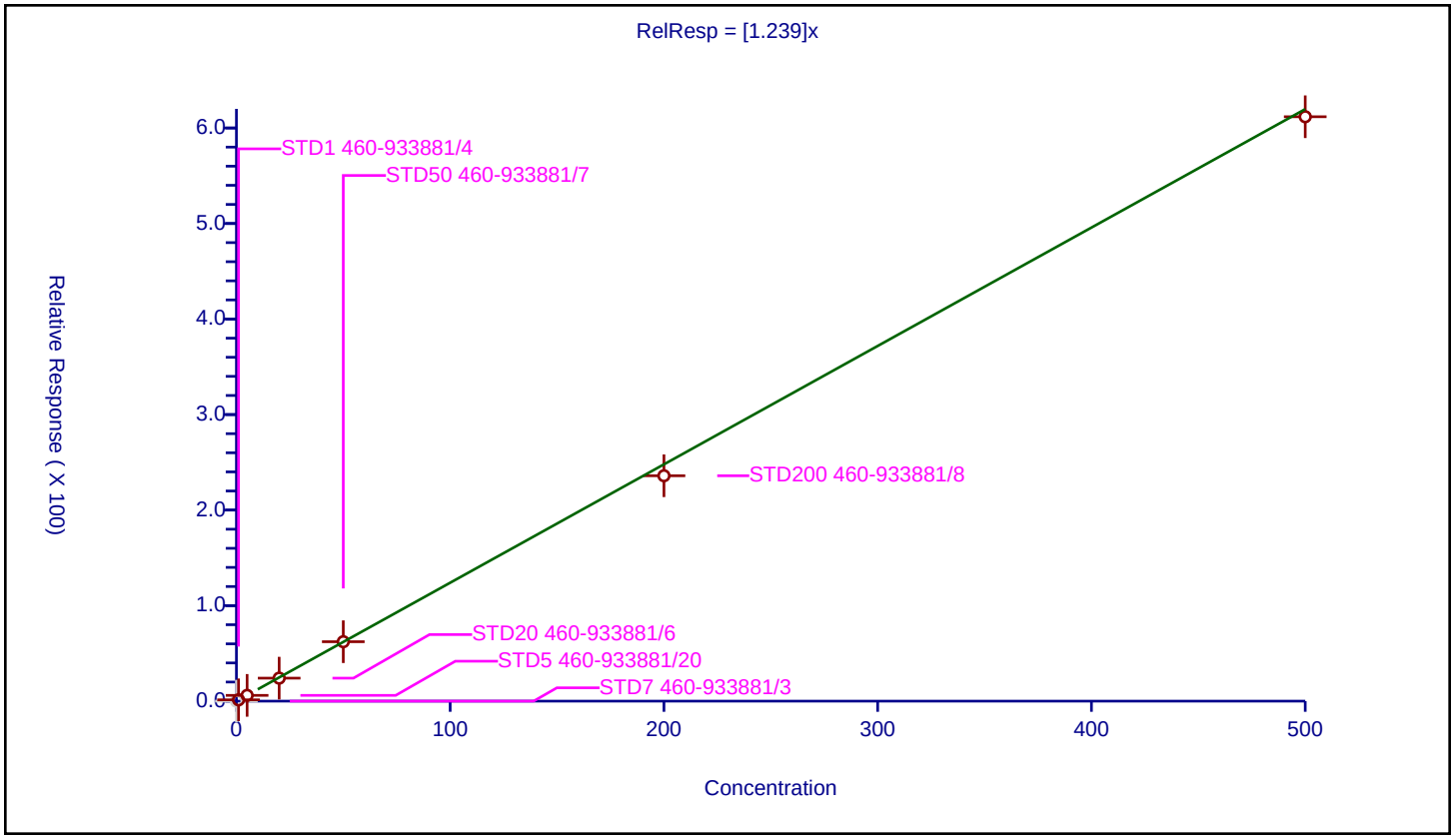
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Standard Error:	1680000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	1.377237	50.0	233039.0	1.377237	Y
3	STD5 460-933881/20	5.0	6.036241	50.0	232885.0	1.207248	Y
4	STD20 460-933881/6	20.0	24.087624	50.0	266228.0	1.204381	Y
5	STD50 460-933881/7	50.0	62.217461	50.0	272086.0	1.244349	Y
6	STD200 460-933881/8	200.0	235.949535	50.0	291332.0	1.179748	Y
7	STD500 460-933881/9	500.0	611.782172	50.0	284086.0	1.223564	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

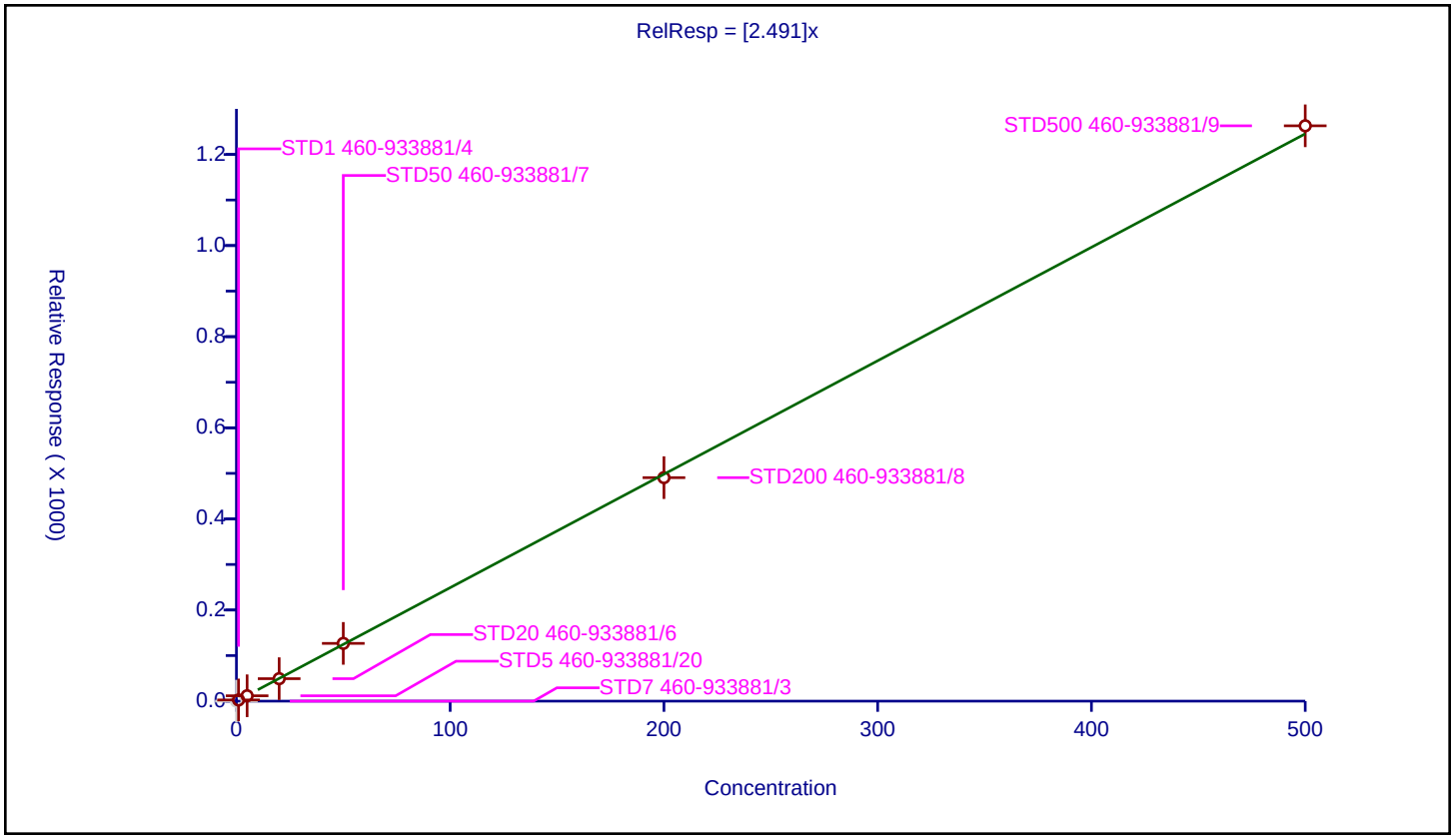
Curve Coefficients

Intercept:	0
Slope:	2.491

Error Coefficients

Standard Error:	3470000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.609005	50.0	233039.0	2.609005	Y
3	STD5 460-933881/20	5.0	11.774481	50.0	232885.0	2.354896	Y
4	STD20 460-933881/6	20.0	49.301914	50.0	266228.0	2.465096	Y
5	STD50 460-933881/7	50.0	126.78767	50.0	272086.0	2.535753	Y
6	STD200 460-933881/8	200.0	490.596467	50.0	291332.0	2.452982	Y
7	STD500 460-933881/9	500.0	1262.863006	50.0	284086.0	2.525726	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

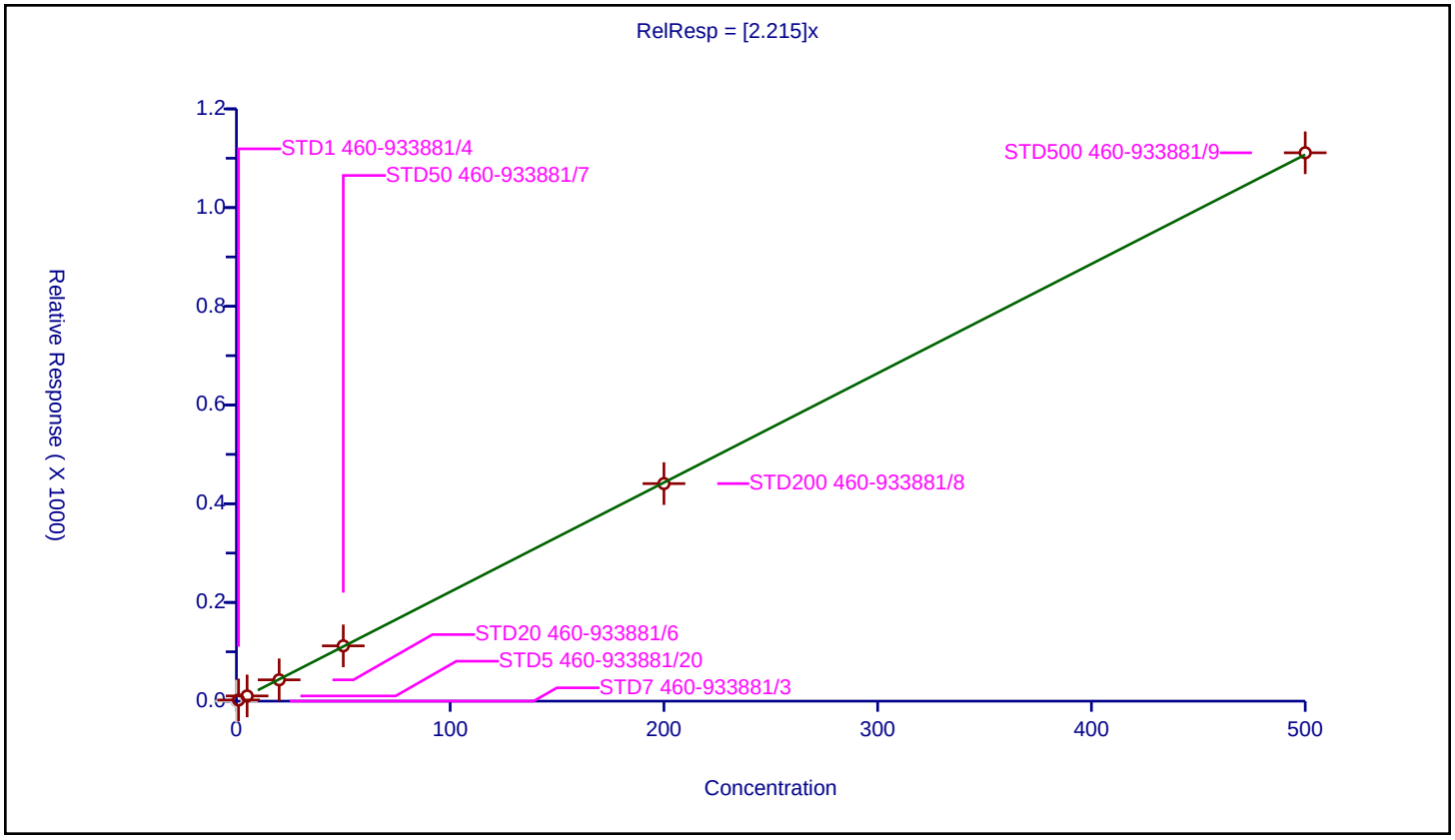
Curve Coefficients

Intercept:	0
Slope:	2.215

Error Coefficients

Standard Error:	3060000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.350036	50.0	233039.0	2.350036	Y
3	STD5 460-933881/20	5.0	10.550272	50.0	232885.0	2.110054	Y
4	STD20 460-933881/6	20.0	43.21559	50.0	266228.0	2.160779	Y
5	STD50 460-933881/7	50.0	112.021567	50.0	272086.0	2.240431	Y
6	STD200 460-933881/8	200.0	440.747669	50.0	291332.0	2.203738	Y
7	STD500 460-933881/9	500.0	1111.051583	50.0	284086.0	2.222103	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

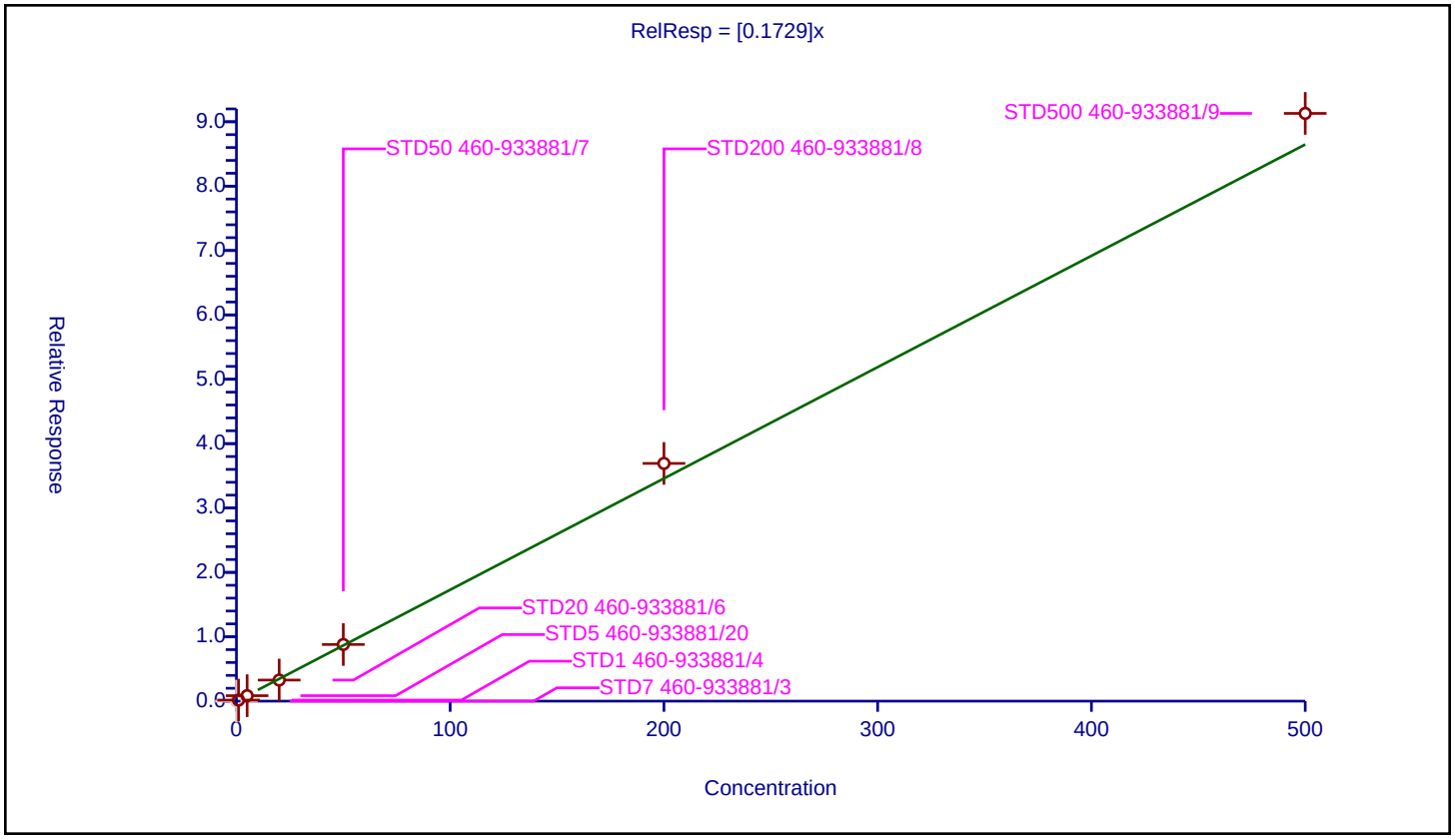
Curve Coefficients

Intercept:	0
Slope:	0.1729

Error Coefficients

Standard Error:	252000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.161561	50.0	233039.0	0.161561	Y
3	STD5 460-933881/20	5.0	0.845482	50.0	232885.0	0.169096	Y
4	STD20 460-933881/6	20.0	3.274449	50.0	266228.0	0.163722	Y
5	STD50 460-933881/7	50.0	8.801813	50.0	272086.0	0.176036	Y
6	STD200 460-933881/8	200.0	36.928659	50.0	291332.0	0.184643	Y
7	STD500 460-933881/9	500.0	91.29929	50.0	284086.0	0.182599	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

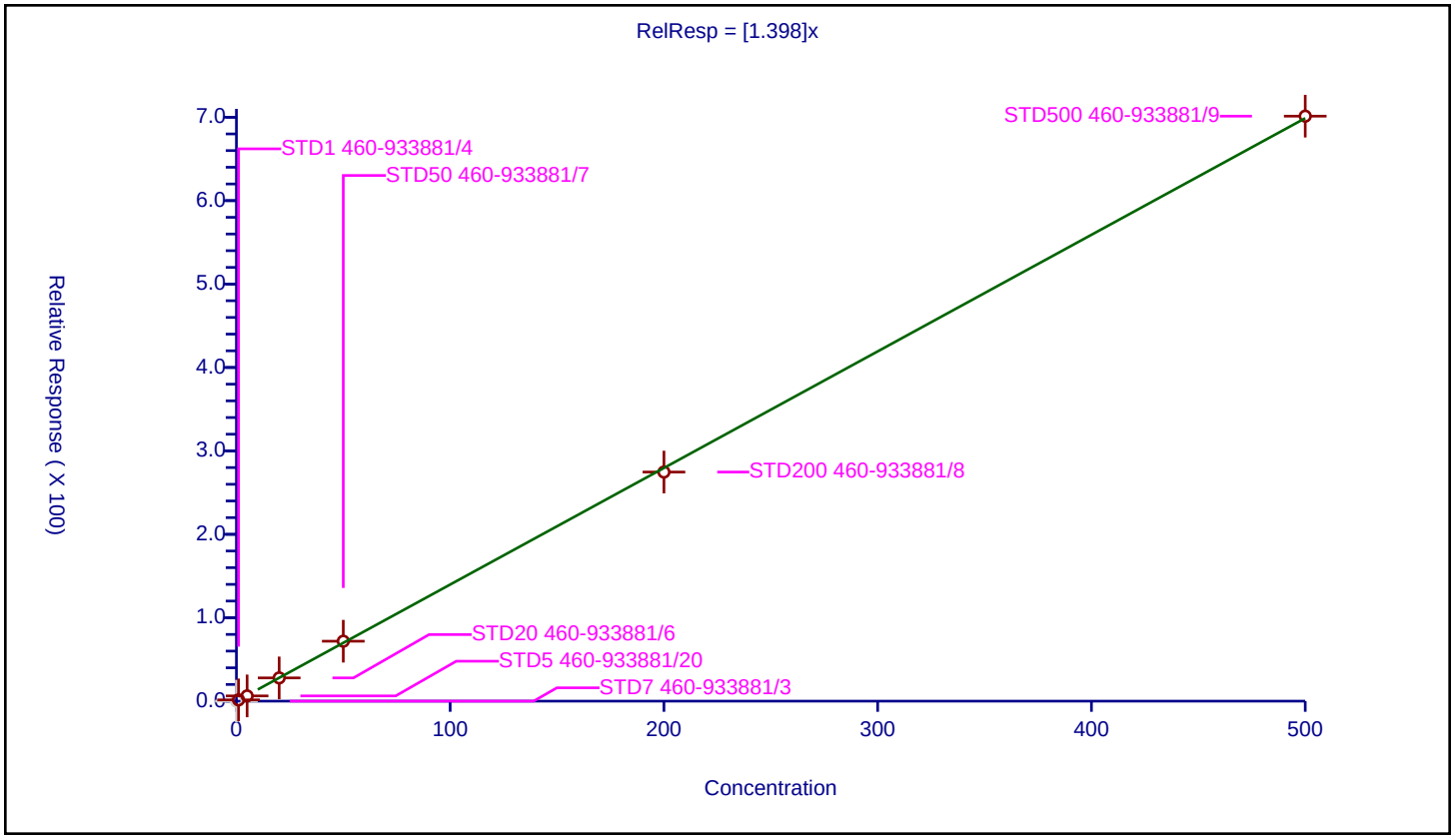
Curve Coefficients

Intercept:	0
Slope:	1.398

Error Coefficients

Standard Error:	1930000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	1.523994	50.0	233039.0	1.523994	Y
3	STD5 460-933881/20	5.0	6.281856	50.0	232885.0	1.256371	Y
4	STD20 460-933881/6	20.0	27.853569	50.0	266228.0	1.392678	Y
5	STD50 460-933881/7	50.0	71.857244	50.0	272086.0	1.437145	Y
6	STD200 460-933881/8	200.0	274.636497	50.0	291332.0	1.373182	Y
7	STD500 460-933881/9	500.0	701.27391	50.0	284086.0	1.402548	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

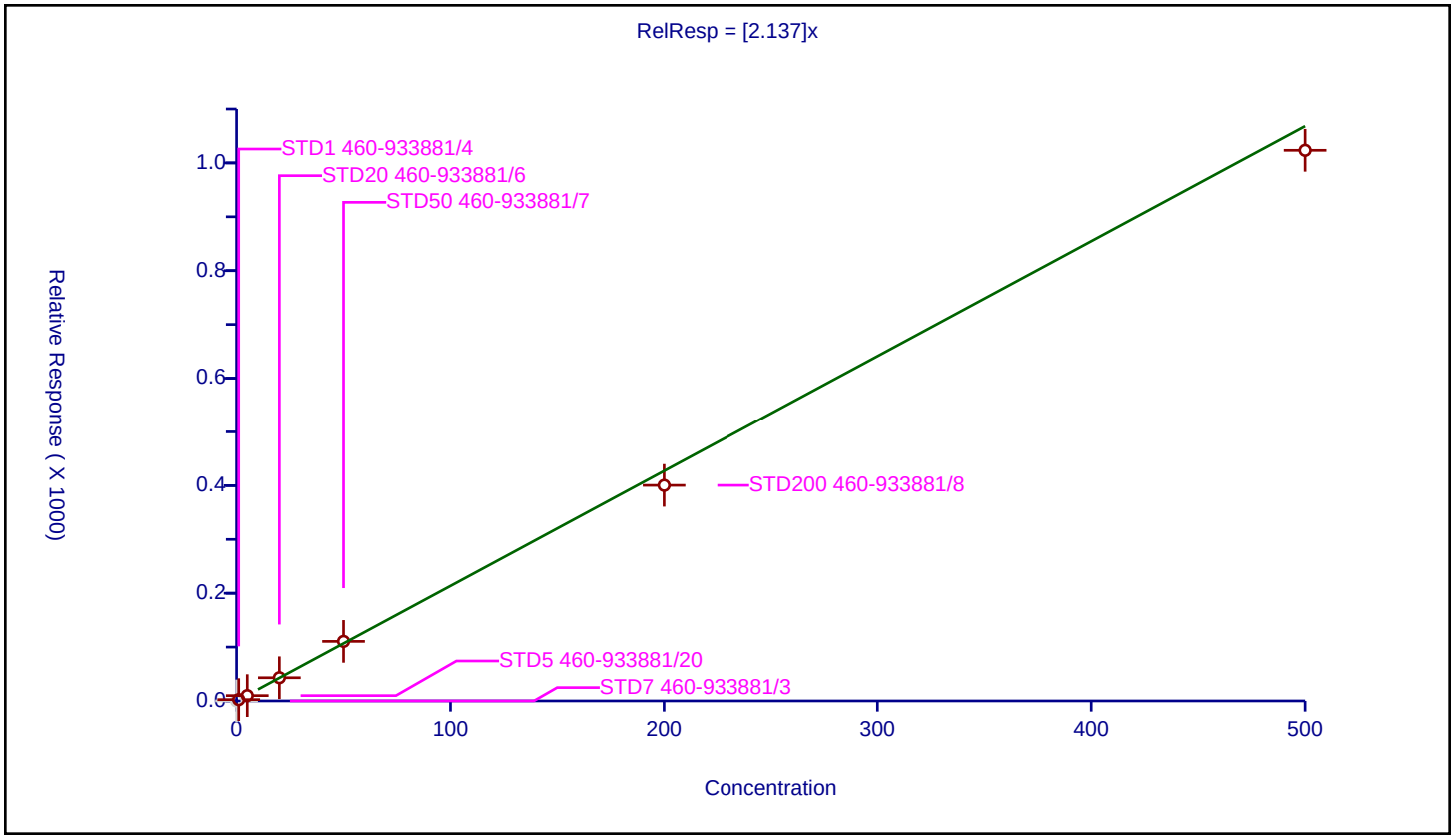
Curve Coefficients

Intercept:	0
Slope:	2.137

Error Coefficients

Standard Error:	2820000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.428349	50.0	233039.0	2.428349	Y
3	STD5 460-933881/20	5.0	9.884707	50.0	232885.0	1.976941	Y
4	STD20 460-933881/6	20.0	43.049379	50.0	266228.0	2.152469	Y
5	STD50 460-933881/7	50.0	110.595179	50.0	272086.0	2.211904	Y
6	STD200 460-933881/8	200.0	400.504064	50.0	291332.0	2.00252	Y
7	STD500 460-933881/9	500.0	1023.412805	50.0	284086.0	2.046826	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

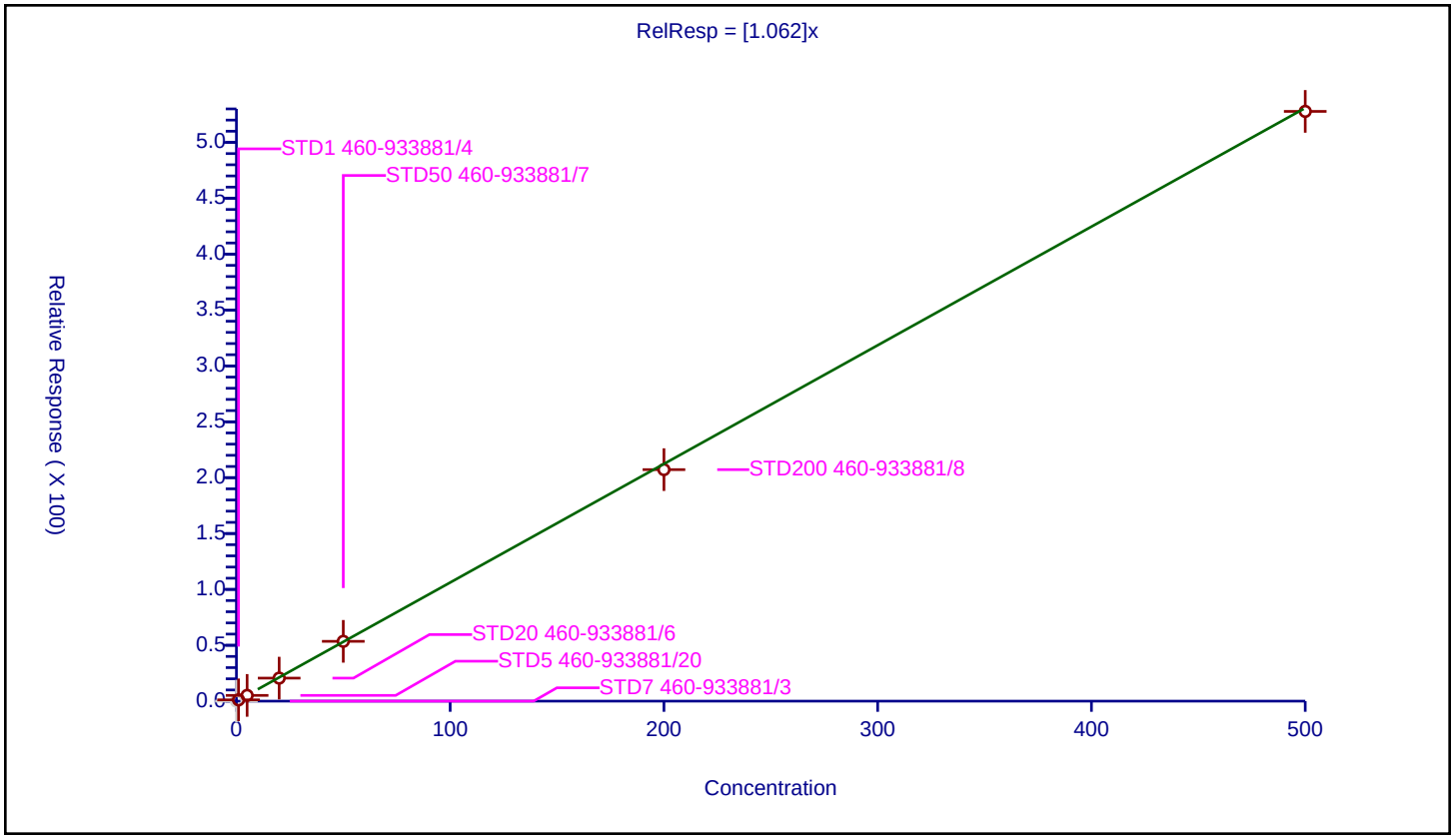
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	1.151953	50.0	233039.0	1.151953	Y
3	STD5 460-933881/20	5.0	5.127853	50.0	232885.0	1.025571	Y
4	STD20 460-933881/6	20.0	20.598134	50.0	266228.0	1.029907	Y
5	STD50 460-933881/7	50.0	53.52848	50.0	272086.0	1.07057	Y
6	STD200 460-933881/8	200.0	207.178237	50.0	291332.0	1.035891	Y
7	STD500 460-933881/9	500.0	527.75392	50.0	284086.0	1.055508	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

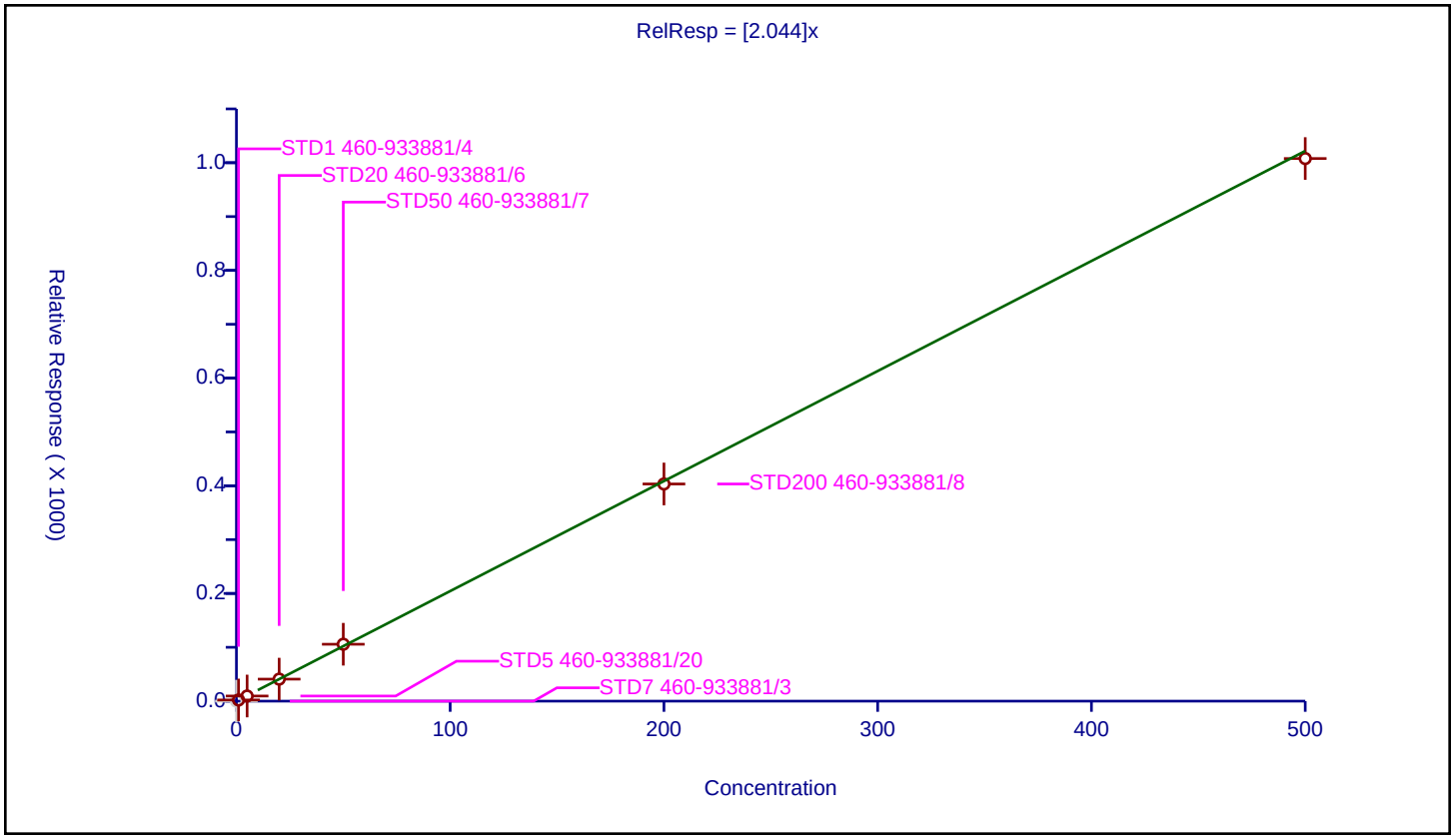
Curve Coefficients

Intercept:	0
Slope:	2.044

Error Coefficients

Standard Error:	2780000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	2.166376	50.0	233039.0	2.166376	Y
3	STD5 460-933881/20	5.0	9.521438	50.0	232885.0	1.904288	Y
4	STD20 460-933881/6	20.0	40.903474	50.0	266228.0	2.045174	Y
5	STD50 460-933881/7	50.0	105.702976	50.0	272086.0	2.11406	Y
6	STD200 460-933881/8	200.0	403.342063	50.0	291332.0	2.01671	Y
7	STD500 460-933881/9	500.0	1007.806439	50.0	284086.0	2.015613	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

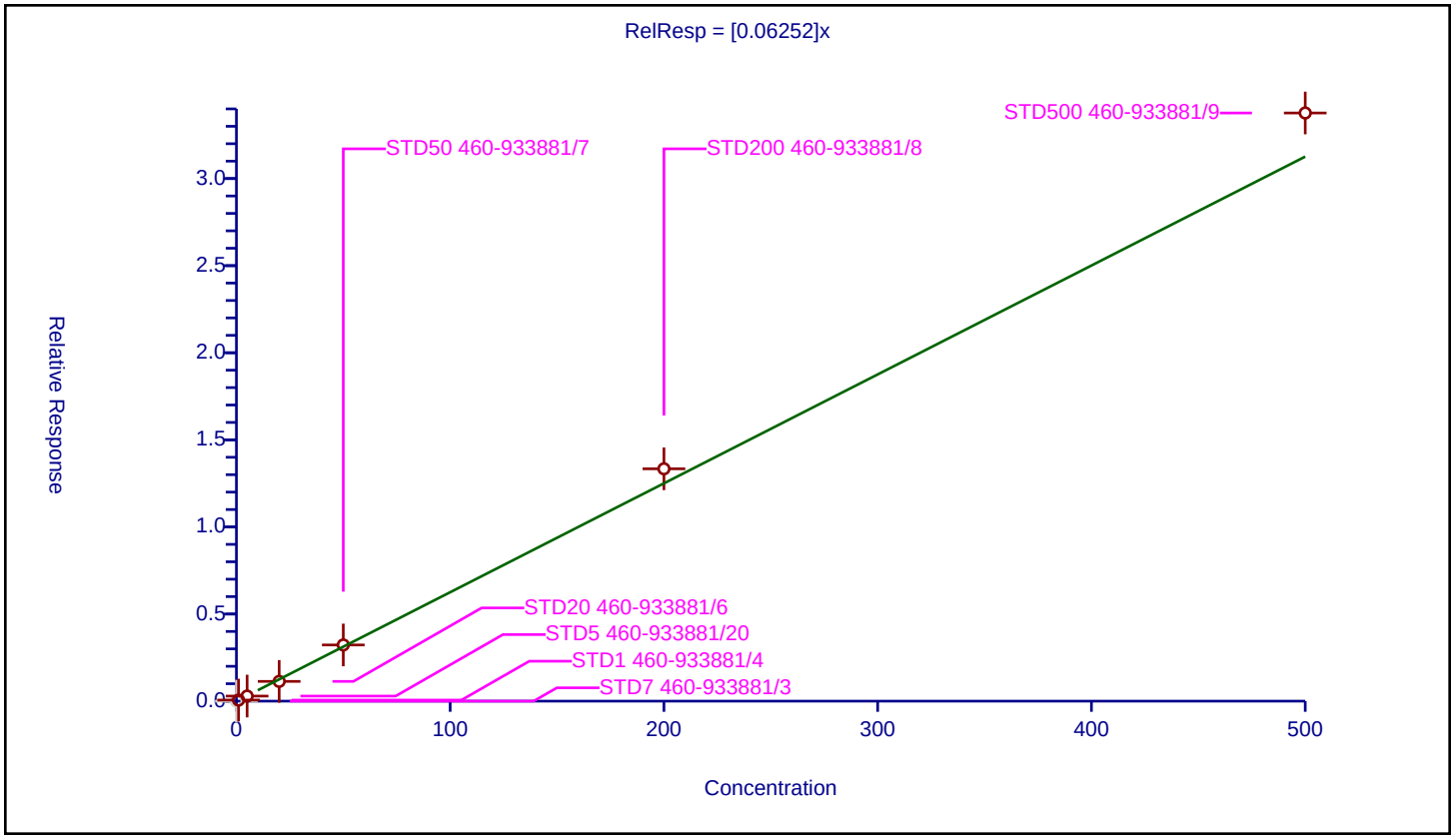
Curve Coefficients

Intercept:	0
Slope:	0.06252

Error Coefficients

Standard Error:	92900
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.061363	50.0	233039.0	0.061363	Y
3	STD5 460-933881/20	5.0	0.291775	50.0	232885.0	0.058355	Y
4	STD20 460-933881/6	20.0	1.133427	50.0	266228.0	0.056671	Y
5	STD50 460-933881/7	50.0	3.225635	50.0	272086.0	0.064513	Y
6	STD200 460-933881/8	200.0	13.338047	50.0	291332.0	0.06669	Y
7	STD500 460-933881/9	500.0	33.765127	50.0	284086.0	0.06753	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

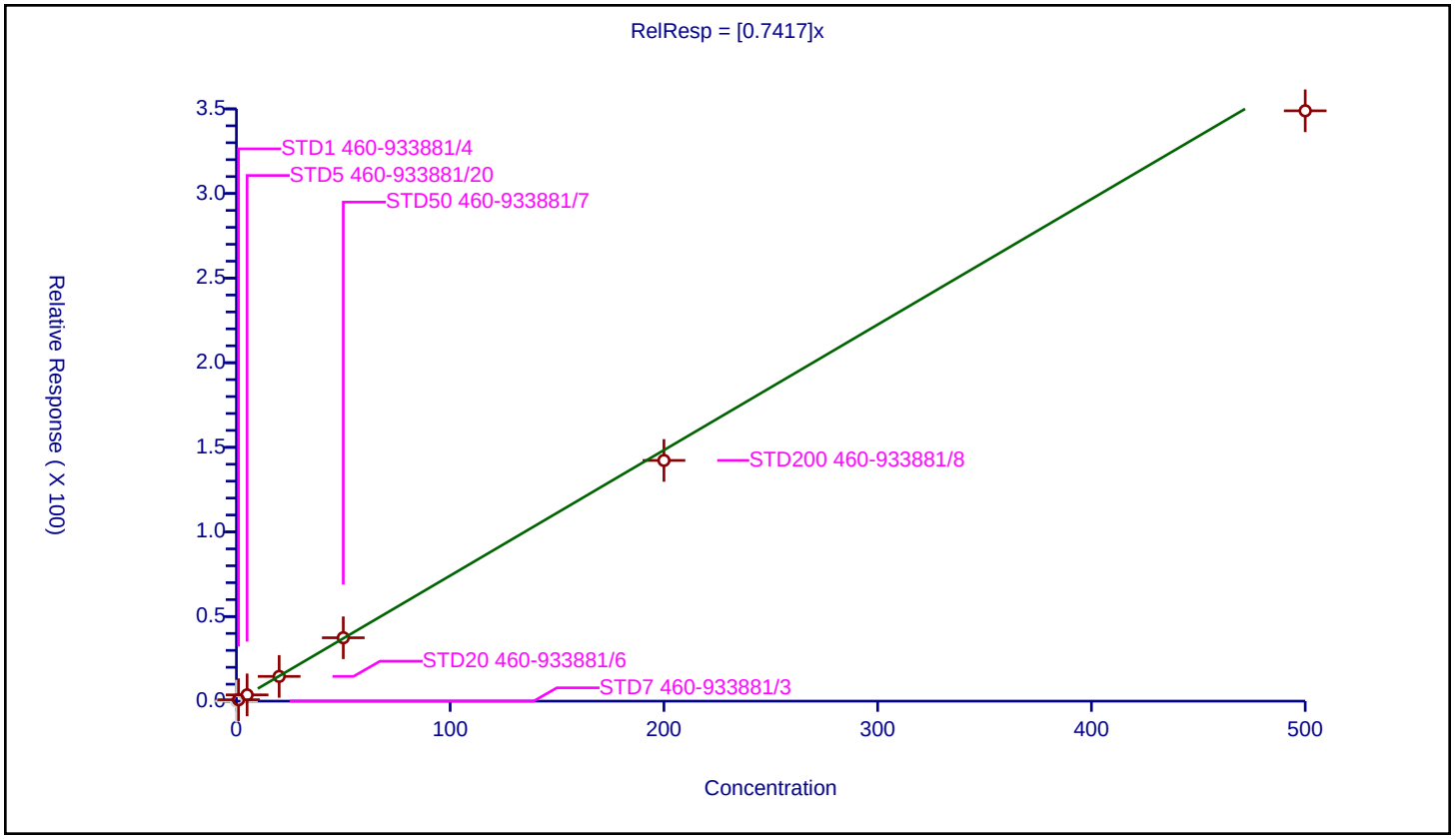
Curve Coefficients

Intercept:	0
Slope:	0.7417

Error Coefficients

Standard Error:	966000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.819605	50.0	233039.0	0.819605	Y
3	STD5 460-933881/20	5.0	3.709771	50.0	232885.0	0.741954	Y
4	STD20 460-933881/6	20.0	14.61717	50.0	266228.0	0.730859	Y
5	STD50 460-933881/7	50.0	37.453599	50.0	272086.0	0.749072	Y
6	STD200 460-933881/8	200.0	142.243386	50.0	291332.0	0.711217	Y
7	STD500 460-933881/9	500.0	348.863372	50.0	284086.0	0.697727	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

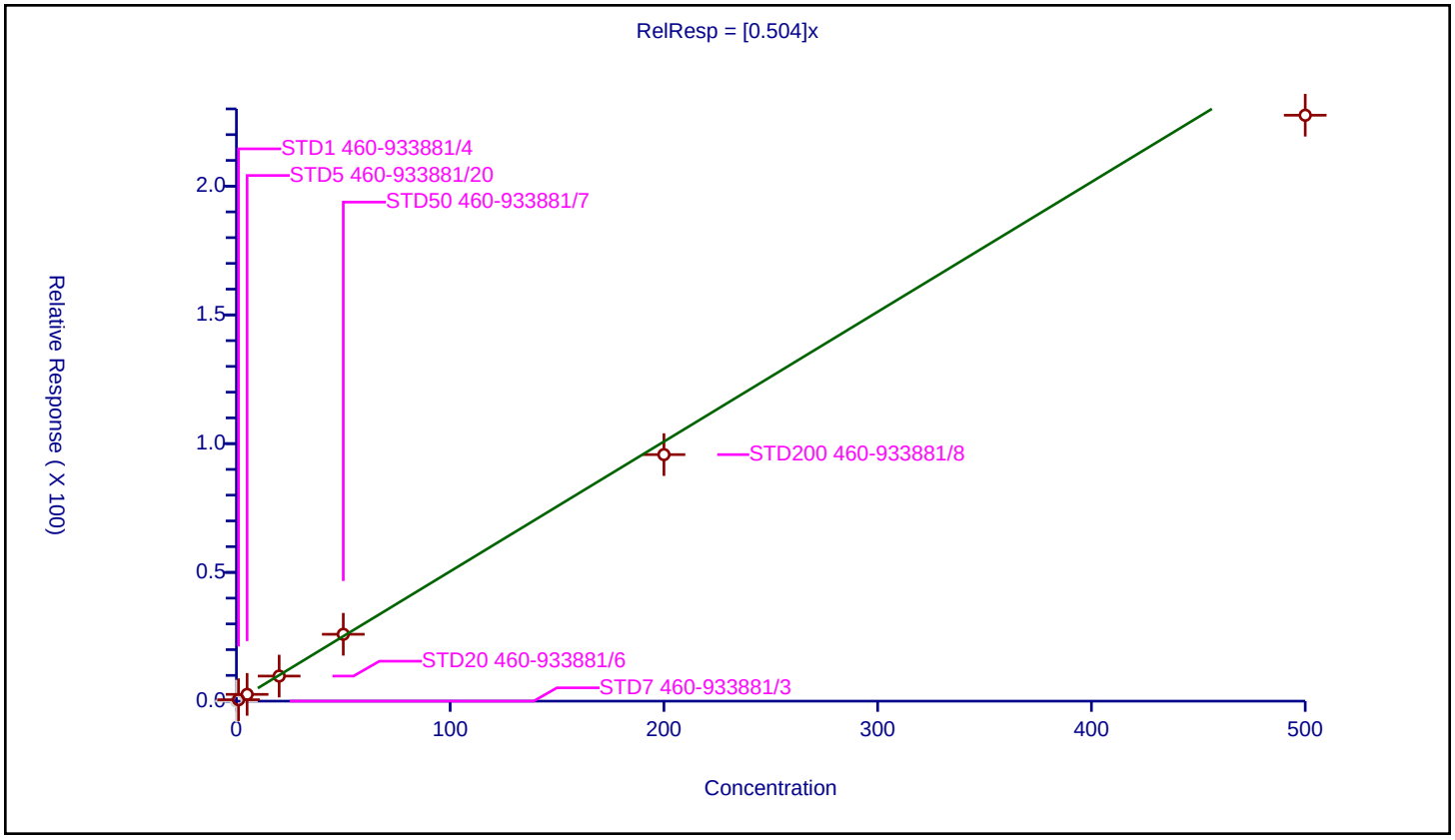
Curve Coefficients

Intercept:	0
Slope:	0.504

Error Coefficients

Standard Error:	633000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.557632	50.0	233039.0	0.557632	Y
3	STD5 460-933881/20	5.0	2.631986	50.0	232885.0	0.526397	Y
4	STD20 460-933881/6	20.0	9.739396	50.0	266228.0	0.48697	Y
5	STD50 460-933881/7	50.0	25.961828	50.0	272086.0	0.519237	Y
6	STD200 460-933881/8	200.0	95.74077	50.0	291332.0	0.478704	Y
7	STD500 460-933881/9	500.0	227.53462	50.0	284086.0	0.455069	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

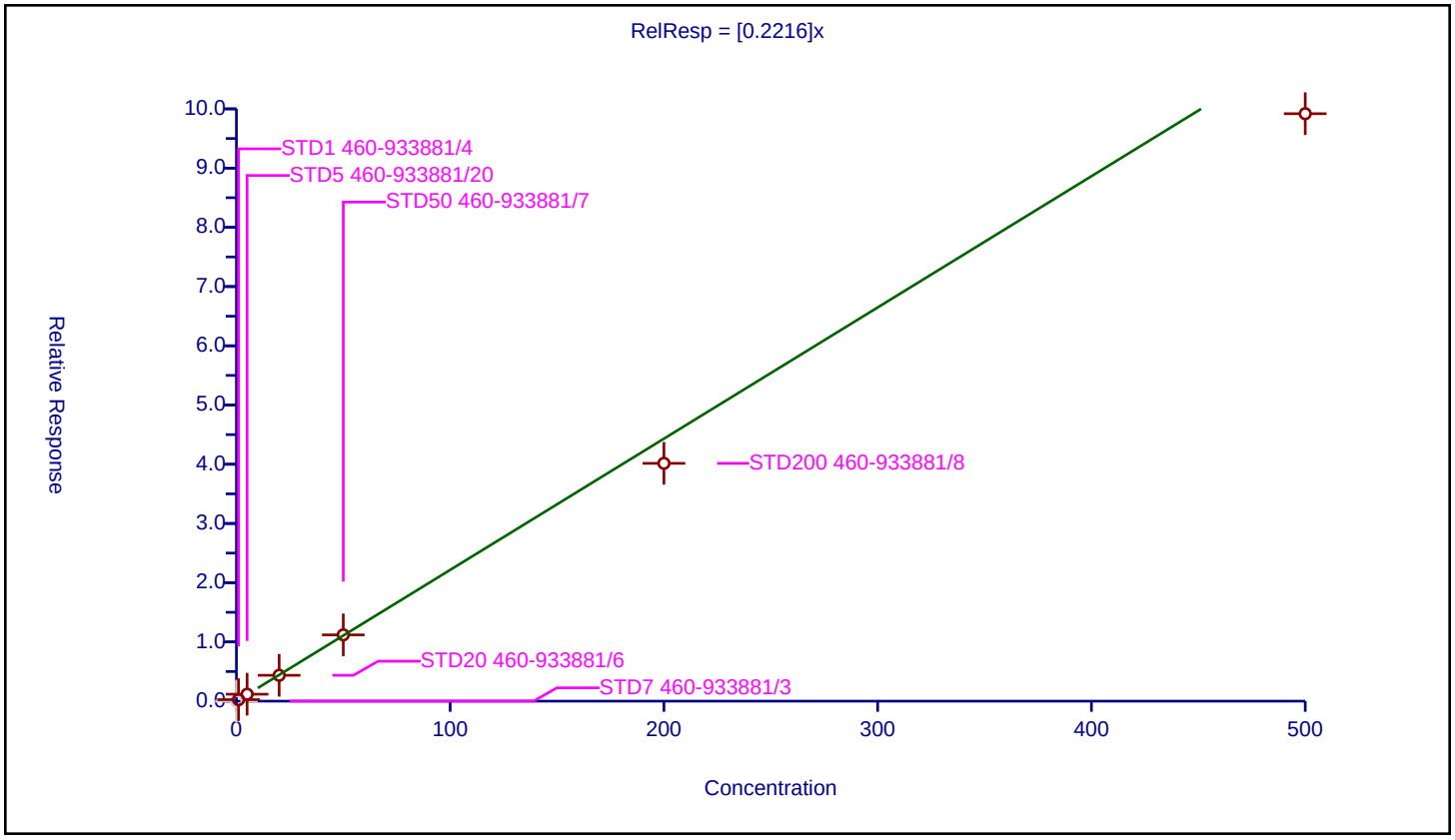
Curve Coefficients

Intercept:	0
Slope:	0.2216

Error Coefficients

Standard Error:	274000
Relative Standard Error:	9.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.25382	50.0	233039.0	0.25382	Y
3	STD5 460-933881/20	5.0	1.172682	50.0	232885.0	0.234536	Y
4	STD20 460-933881/6	20.0	4.364116	50.0	266228.0	0.218206	Y
5	STD50 460-933881/7	50.0	11.190579	50.0	272086.0	0.223812	Y
6	STD200 460-933881/8	200.0	40.15333	50.0	291332.0	0.200767	Y
7	STD500 460-933881/9	500.0	99.185634	50.0	284086.0	0.198371	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

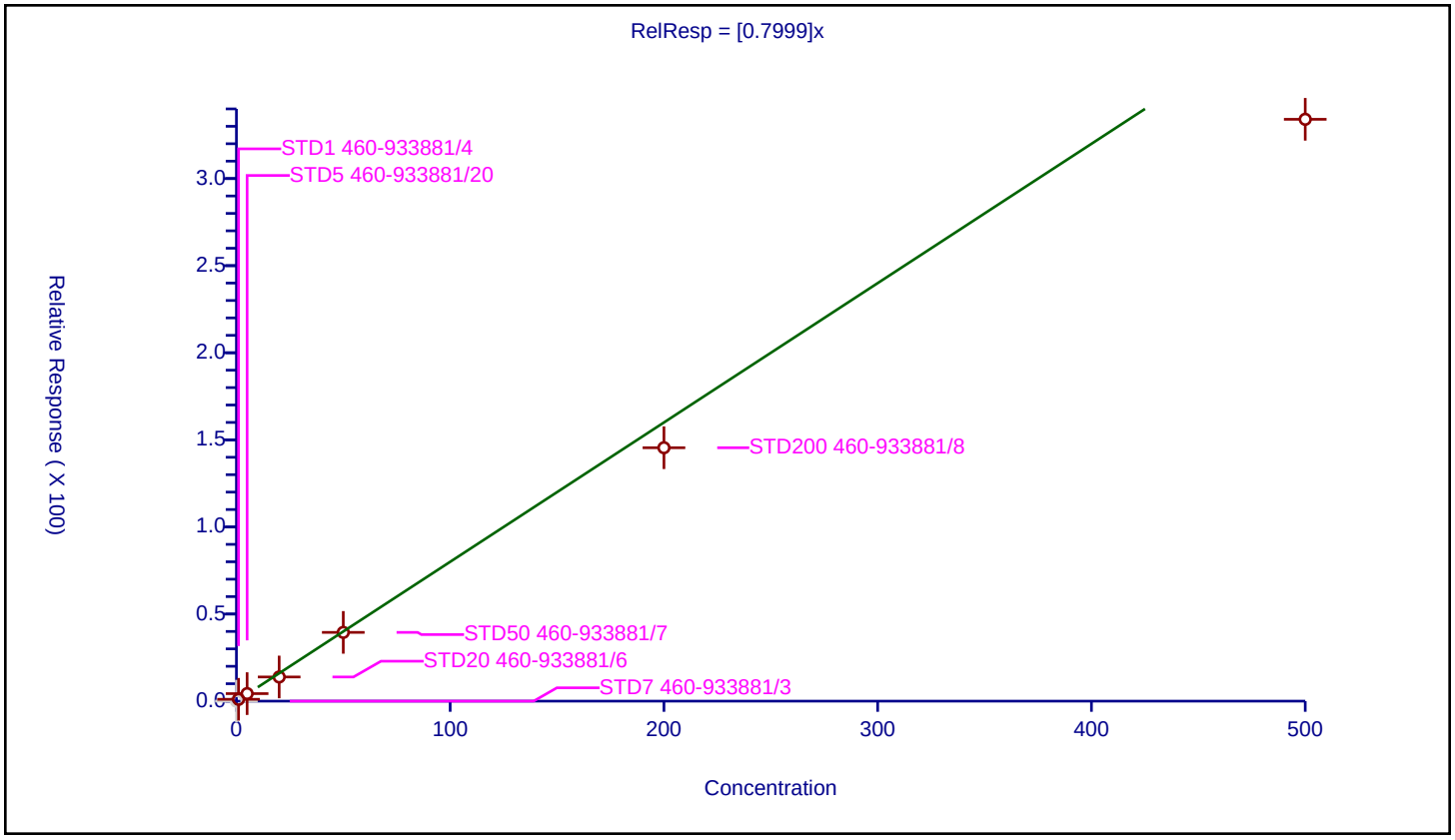
Curve Coefficients

Intercept:	0
Slope:	0.7999

Error Coefficients

Standard Error:	935000
Relative Standard Error:	18.1
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	1.058192	50.0	233039.0	1.058192	Y
3	STD5 460-933881/20	5.0	4.311999	50.0	232885.0	0.8624	Y
4	STD20 460-933881/6	20.0	13.878893	50.0	266228.0	0.693945	Y
5	STD50 460-933881/7	50.0	39.470425	50.0	272086.0	0.789408	Y
6	STD200 460-933881/8	200.0	145.481787	50.0	291332.0	0.727409	Y
7	STD500 460-933881/9	500.0	334.021916	50.0	284086.0	0.668044	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

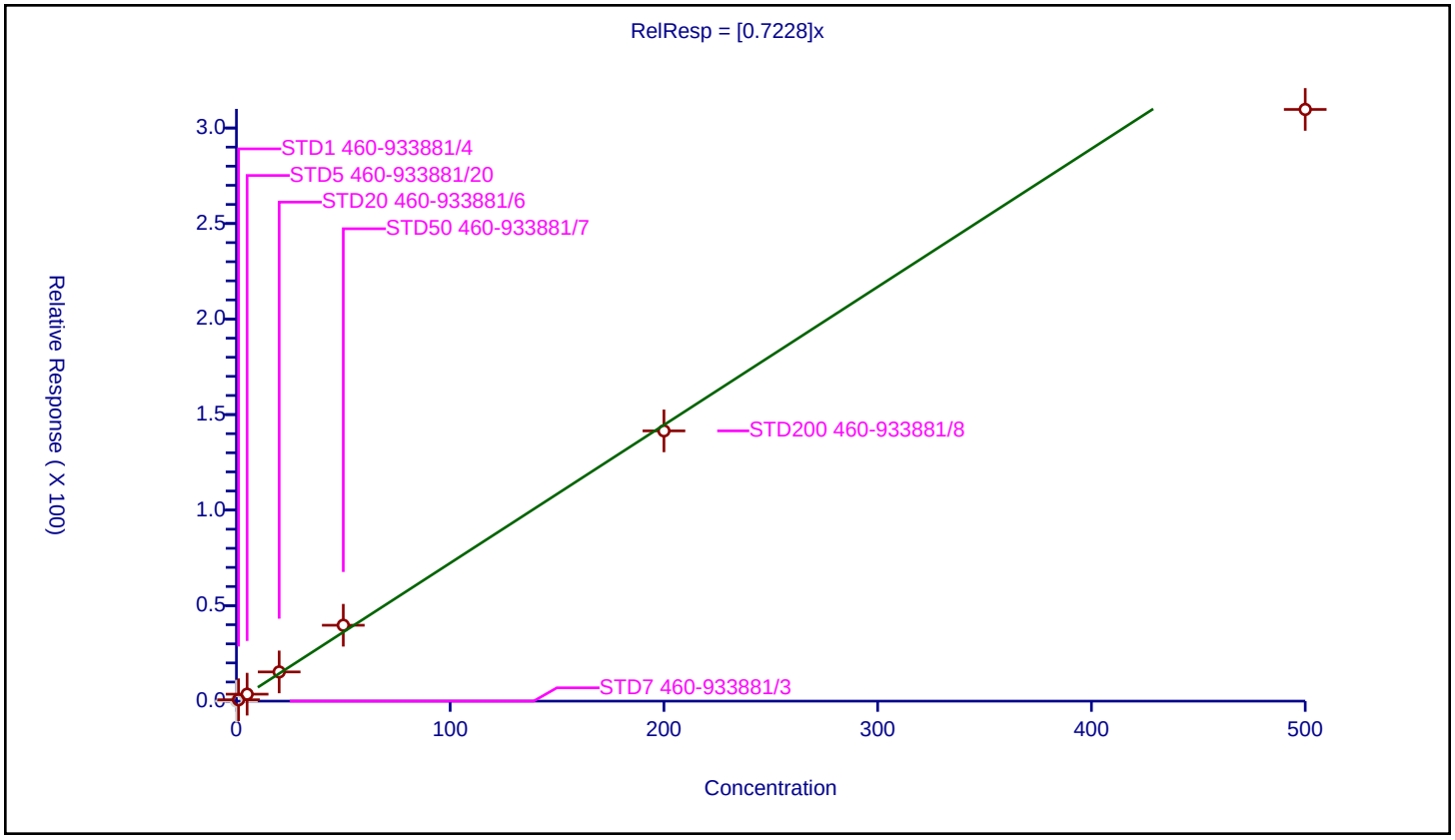
Curve Coefficients

Intercept:	0
Slope:	0.7228

Error Coefficients

Standard Error:	875000
Relative Standard Error:	8.3
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.72284	50.0	233039.0	0.72284	Y
3	STD5 460-933881/20	5.0	3.642785	50.0	232885.0	0.728557	Y
4	STD20 460-933881/6	20.0	15.279572	50.0	266228.0	0.763979	Y
5	STD50 460-933881/7	50.0	39.72935	50.0	272086.0	0.794587	Y
6	STD200 460-933881/8	200.0	141.464034	50.0	291332.0	0.70732	Y
7	STD500 460-933881/9	500.0	309.723816	50.0	284086.0	0.619448	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

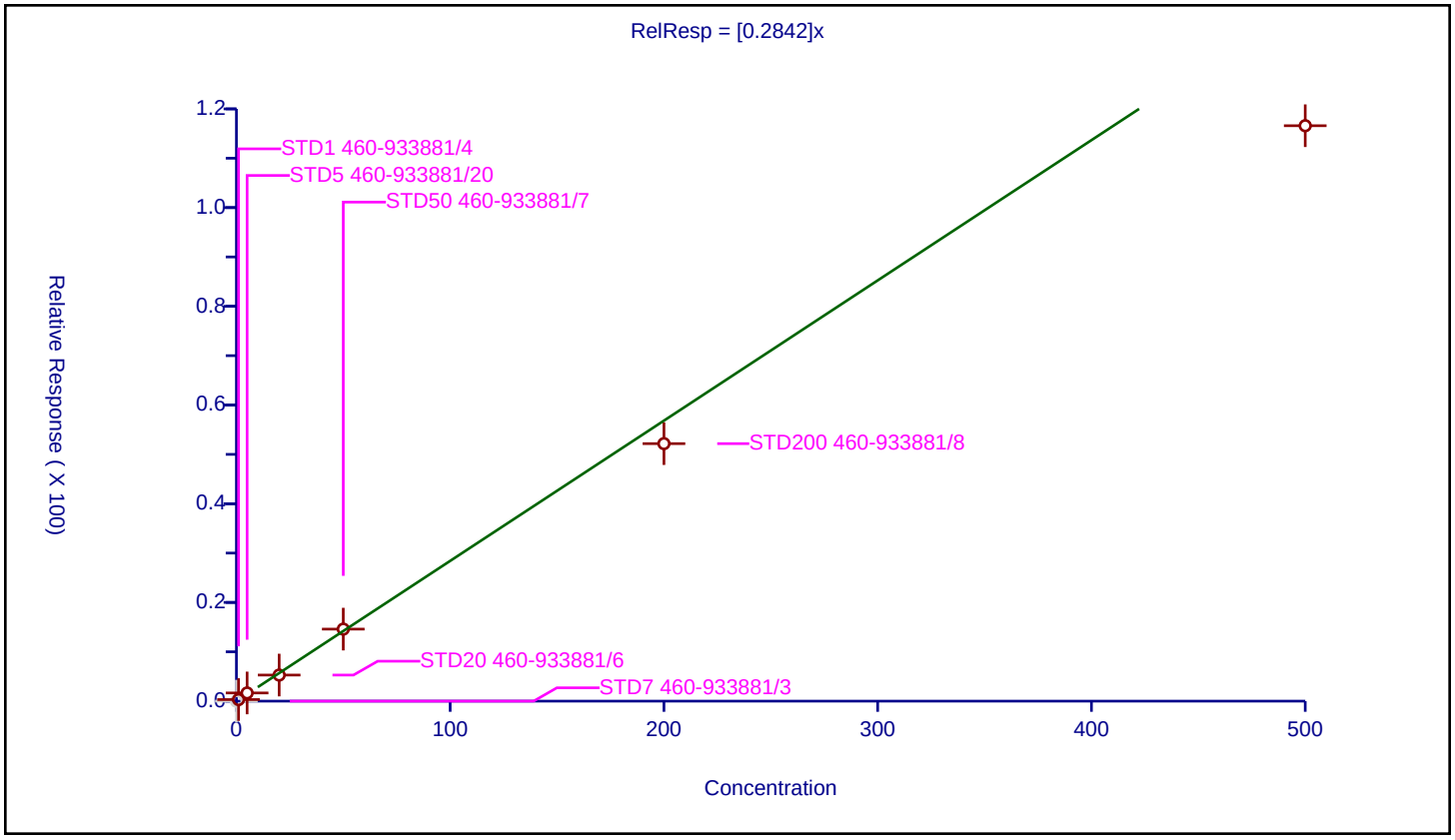
Curve Coefficients

Intercept:	0
Slope:	0.2842

Error Coefficients

Standard Error:	328000
Relative Standard Error:	13.5
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-933881/3	0.0	0.0	50.0	240515.0	NaN	N
2	STD1 460-933881/4	1.0	0.323122	50.0	233039.0	0.323122	Y
3	STD5 460-933881/20	5.0	1.6579	50.0	232885.0	0.33158	Y
4	STD20 460-933881/6	20.0	5.284944	50.0	266228.0	0.264247	Y
5	STD50 460-933881/7	50.0	14.596488	50.0	272086.0	0.29193	Y
6	STD200 460-933881/8	200.0	52.178786	50.0	291332.0	0.260894	Y
7	STD500 460-933881/9	500.0	116.588991	50.0	284086.0	0.233178	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-941666/31 Calibration Date: 10/31/2023 18:16

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N72832.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1526		31.8	20.0	58.8*	30.0
Chlorodifluoromethane	Ave	0.7111	0.6532		18.4	20.0	-8.2	30.0
Dichlorodifluoromethane	Ave	0.4974	0.5535	0.1000	22.3	20.0	11.3	30.0
Chloromethane	QuaF		1.438	0.1000	22.1	20.0	10.7	30.0
Vinyl chloride	Ave	0.4510	0.4716	0.1000	20.9	20.0	4.6	30.0
Butadiene	Ave	0.3946	0.3614		18.3	20.0	-8.4	30.0
Bromomethane	Ave	0.4038	0.3713	0.1000	18.4	20.0	-8.0	30.0
Chloroethane	Ave	0.2741	0.2422	0.1000	17.7	20.0	-11.6	30.0
Dichlorofluoromethane	Ave	0.8003	0.8007		20.0	20.0	0.0	30.0
Pentane	Ave	5.531	5.536		40.0	40.0	0.0	30.0
Trichlorofluoromethane	Ave	0.5839	0.5804	0.1000	19.9	20.0	-0.6	30.0
Ethanol	Ave	0.1196	0.1402		938	800	17.2	30.0
Ethyl ether	Lin2		0.1801		19.5	20.0	-2.7	30.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2465		19.2	20.0	-3.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3093		18.2	20.0	-9.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.4943		18.5	20.0	-7.3	30.0
Acrolein	Ave	5.285	4.634		34.6	39.5	-12.3	30.0
1,1-Dichloroethene	Ave	0.3431	0.3228	0.1000	18.8	20.0	-5.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.3735	0.1000	19.9	20.0	-0.7	30.0
Acetone	Ave	0.3101	0.2575	0.0500	83.1	100	-16.9	30.0
Iodomethane	Ave	0.6864	0.6852		20.0	20.0	-0.2	30.0
Carbon disulfide	Ave	1.306	1.292	0.1000	19.8	20.0	-1.1	30.0
Isopropyl alcohol	Ave	1.649	1.676		203	200	1.6	30.0
3-Chloro-1-propene	Ave	0.2731	0.2549		18.7	20.0	-6.6	30.0
Acetonitrile	Ave	3.489	3.713		213	200	6.4	30.0
Methyl acetate	Ave	6.664	6.611	0.1000	39.7	40.0	-0.8	30.0
Cyclopentene	Ave	0.6476	0.6834		21.1	20.0	5.5	30.0
Methylene Chloride	Ave	0.3955	0.3944	0.1000	19.9	20.0	-0.3	30.0
2-Methyl-2-propanol	Ave	3.991	4.137		207	200	3.7	30.0
Acrylonitrile	Ave	0.1195	0.1160		194	200	-2.9	30.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3419	0.1000	20.1	20.0	0.6	30.0
Methyl tert-butyl ether	Ave	0.9559	0.9588	0.1000	20.1	20.0	0.3	30.0
Hexane	Ave	0.1601	0.1635		20.4	20.0	2.1	30.0
1,1-Dichloroethane	Ave	0.5742	0.6052	0.2000	21.1	20.0	5.4	30.0
Vinyl acetate	Ave	0.5005	0.5214		41.7	40.0	4.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.3027		21.2	20.0	6.2	30.0
Isopropyl ether	Ave	0.8715	0.9809		22.5	20.0	12.6	30.0
Tert-butyl ethyl ether	Ave	0.8676	1.082		24.9	20.0	24.7	30.0
cis-1,2-Dichloroethene	Ave	0.3746	0.3990	0.1000	21.3	20.0	6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-941666/31 Calibration Date: 10/31/2023 18:16

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N72832.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.3313	0.3014	0.0500	91.0	100	-9.0	30.0
2,2-Dichloropropane	Lin2		0.1815		21.4	20.0	7.0	30.0
Ethyl acetate	Ave	0.2548	0.2855		44.8	40.0	12.0	30.0
Propionitrile	Ave	4.782	5.397		226	200	12.9	30.0
Methyl acrylate	Ave	0.3142	0.3325		21.2	20.0	5.8	30.0
Methacrylonitrile	Ave	0.1195	0.1319		221	200	10.3	30.0
Chlorobromomethane	Ave	0.1940	0.1939		20.0	20.0	-0.0	30.0
Tetrahydrofuran	Ave	0.3569	0.3563		39.9	40.0	-0.2	30.0
Chloroform	Ave	0.5493	0.5735	0.2000	20.9	20.0	4.4	30.0
1,1,1-Trichloroethane	Ave	0.5188	0.5263	0.1000	20.3	20.0	1.5	30.0
Cyclohexane	Ave	0.4623	0.4836	0.1000	20.9	20.0	4.6	30.0
1,1-Dichloropropene	Ave	0.3884	0.3854		19.8	20.0	-0.8	30.0
Carbon tetrachloride	Ave	0.4408	0.4328	0.1000	19.6	20.0	-1.8	30.0
Isobutyl alcohol	Ave	1.039	1.159		558	500	11.5	30.0
Benzene	Ave	1.521	1.556	0.5000	20.5	20.0	2.3	30.0
1,2-Dichloroethane	Ave	0.3737	0.3793	0.1000	20.3	20.0	1.5	30.0
Isooctane	Ave	0.6027	0.6585		21.9	20.0	9.3	30.0
Isopropyl acetate	Ave	0.1030	0.1137		22.1	20.0	10.3	30.0
Tert-amyl methyl ether	Ave	0.9261	0.9424		20.4	20.0	1.8	30.0
n-Heptane	Ave	0.2090	0.2457		23.5	20.0	17.6	30.0
n-Butanol	Ave	0.6834	0.7199		527	500	5.3	30.0
Trichloroethene	Ave	0.2897	0.2998	0.2000	20.7	20.0	3.5	30.0
Ethyl acrylate	QuaF		0.0280		26.8	20.0	34.2*	30.0
Methylcyclohexane	Ave	0.4542	0.4583	0.1000	20.2	20.0	0.9	30.0
1,2-Dichloropropane	Ave	0.2876	0.3072	0.1000	21.4	20.0	6.8	30.0
Dibromomethane	Ave	0.1952	0.1986		20.4	20.0	1.8	30.0
1,4-Dioxane	Ave	1.140	1.229		431	400	7.8	30.0
Methyl methacrylate	Ave	0.0707	0.0765		43.3	40.0	8.3	30.0
n-Propyl acetate	Ave	0.2957	0.3431		23.2	20.0	16.0	30.0
Bromodichloromethane	Ave	0.3619	0.3645	0.2000	20.1	20.0	0.7	30.0
2-Nitropropane	Ave	6.072	6.273		41.3	40.0	3.3	30.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1424		21.9	20.0	9.3	30.0
Epichlorohydrin	Ave	0.2147	0.2496		23.3	20.0	16.3	30.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5104	0.2000	19.2	20.0	-4.0	30.0
methyl isobutyl ketone	Ave	2.061	2.074	0.0500	101	100	0.7	30.0
Toluene	Ave	1.474	1.450	0.4000	19.7	20.0	-1.6	30.0
trans-1,3-Dichloropropene	Ave	0.4661	0.4917	0.1000	21.1	20.0	5.5	30.0
Ethyl methacrylate	Ave	0.2919	0.3103		21.3	20.0	6.3	30.0
1,1,2-Trichloroethane	Ave	0.2763	0.2735	0.1000	19.8	20.0	-1.0	30.0
Tetrachloroethene	Ave	0.3514	0.3406	0.2000	19.4	20.0	-3.1	30.0
1,3-Dichloropropane	Ave	0.5203	0.5394		20.7	20.0	3.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-941666/31 Calibration Date: 10/31/2023 18:16

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N72832.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7532	0.7706	0.0500	102	100	2.3	30.0
Dibromochloromethane	Ave	0.3479	0.3384	0.1000	19.5	20.0	-2.7	30.0
n-Butyl acetate	Ave	0.3829	0.4371		22.8	20.0	14.1	30.0
Ethylene Dibromide	Ave	0.3377	0.3438	0.1000	20.4	20.0	1.8	30.0
Chlorobenzene	Ave	0.9453	0.9496	0.5000	20.1	20.0	0.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4137	0.3770		18.2	20.0	-8.9	30.0
Ethylbenzene	Ave	0.4748	0.4878	0.1000	20.5	20.0	2.7	30.0
m-Xylene & p-Xylene	Ave	0.5697	0.5883	0.1000	20.7	20.0	3.3	30.0
o-Xylene	Ave	0.5974	0.5787	0.3000	19.4	20.0	-3.1	30.0
Styrene	Ave	0.8939	0.9399	0.3000	21.0	20.0	5.1	30.0
n-Butyl acrylate	Ave	0.2150	0.2279		21.2	20.0	6.0	30.0
Bromoform	Ave	0.4284	0.4287	0.1000	20.0	20.0	0.0	30.0
Amyl acetate (mixed isomers)	Ave	0.7955	0.8453		21.3	20.0	6.3	30.0
Isopropylbenzene	Ave	1.514	1.527	0.1000	20.2	20.0	0.9	30.0
Bromobenzene	Ave	0.7285	0.7670		21.1	20.0	5.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8614	0.8687	0.3000	20.2	20.0	0.8	30.0
1,2,3-Trichloropropane	Ave	0.2361	0.2420		20.5	20.0	2.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1948	0.2229		22.9	20.0	14.4	30.0
N-Propylbenzene	Ave	3.166	3.444		21.8	20.0	8.8	30.0
2-Chlorotoluene	Ave	1.928	2.115		21.9	20.0	9.7	30.0
4-Ethyltoluene	Ave	2.455	2.644		21.5	20.0	7.7	30.0
4-Chlorotoluene	Ave	2.025	2.343		23.1	20.0	15.7	30.0
1,3,5-Trimethylbenzene	Ave	2.285	2.390		20.9	20.0	4.6	30.0
Butyl Methacrylate	QuaF		0.7018		19.4	20.0	-3.0	30.0
tert-Butylbenzene	Ave	1.825	1.912		21.0	20.0	4.8	30.0
1,2,4-Trimethylbenzene	Ave	2.299	2.434		21.2	20.0	5.9	30.0
sec-Butylbenzene	Ave	2.721	2.877		21.1	20.0	5.7	30.0
1,3-Dichlorobenzene	Ave	1.346	1.447	0.6000	21.5	20.0	7.5	30.0
1,4-Dichlorobenzene	Ave	1.405	1.442	0.5000	20.5	20.0	2.6	30.0
4-Isopropyltoluene	Ave	2.379	2.449		20.6	20.0	3.0	30.0
1,2,3-Trimethylbenzene	Ave	2.578	2.577		20.0	20.0	-0.0	30.0
Benzyl chloride	Ave	0.2945	0.3058		20.8	20.0	3.8	30.0
Indan	Ave	2.376	2.447		20.6	20.0	3.0	30.0
1,2-Dichlorobenzene	Ave	1.400	1.411	0.4000	20.1	20.0	0.7	30.0
p-Diethylbenzene	Ave	1.324	1.378		20.8	20.0	4.0	30.0
n-Butylbenzene	Ave	1.150	1.227		21.3	20.0	6.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1922	0.1627	0.0500	16.9	20.0	-15.3	30.0
1,2,4,5-Tetramethylbenzene	QuaF		2.045		16.4	20.0	-18.1	30.0
1,3,5-Trichlorobenzene	Ave	0.9845	0.9792		19.9	20.0	-0.5	30.0
1,2,4-Trichlorobenzene	Ave	0.8477	0.8772	0.2000	20.7	20.0	3.5	30.0
Hexachlorobutadiene	Ave	0.2632	0.2777		21.1	20.0	5.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-941666/31 Calibration Date: 10/31/2023 18:16

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N72832.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	QuaF		2.232		21.1	20.0	5.4	30.0
2-Ethylhexyl acrylate	QuaF		0.6076		16.2	20.0	-19.1	30.0
1,2,3-Trichlorobenzene	Ave	0.7981	0.8801		22.1	20.0	10.3	30.0
Dibromofluoromethane (Surr)	Ave	0.3142	0.3019		48.0	50.0	-3.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3071	0.3043		49.5	50.0	-0.9	30.0
Toluene-d8 (Surr)	Ave	1.279	1.291		50.5	50.0	0.9	30.0
4-Bromofluorobenzene	Ave	0.3589	0.3657		50.9	50.0	1.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 31-Oct-2023 18:16:30 ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0168175-031
Operator ID: Instrument ID: CVOAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2023 20:51:14 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1641

First Level Reviewer: HVW2 Date: 31-Oct-2023 18:41:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.813	0.825	-0.012	50	31171	20.0	31.8	
6 Chlorodifluoromethane	51	0.831	0.849	-0.018	94	133432	20.0	18.4	a
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	60	113076	20.0	22.3	
7 Chloromethane	52	0.946	0.958	-0.012	99	34383	20.0	22.1	
8 Vinyl chloride	62	0.989	1.007	-0.018	98	96340	20.0	20.9	
9 Butadiene	54	0.995	1.013	-0.018	76	73821	20.0	18.3	
10 Bromomethane	94	1.159	1.178	-0.019	99	75846	20.0	18.4	
11 Chloroethane	64	1.172	1.190	-0.018	99	49471	20.0	17.7	
12 Dichlorofluoromethane	67	1.299	1.317	-0.018	99	163568	20.0	20.0	
14 Pentane	72	1.318	1.324	-0.006	95	19200	40.0	40.0	
13 Trichlorofluoromethane	101	1.330	1.342	-0.012	97	118559	20.0	19.9	
16 Ethyl ether	74	1.421	1.433	-0.012	97	36797	20.0	19.5	
15 Ethanol	46	1.421	1.439	-0.018	68	9727	800.0	937.7	
17 2-Methyl-1,3-butadiene	53	1.439	1.451	-0.012	92	50364	20.0	19.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.464	1.470	-0.006	96	63175	20.0	18.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.494	1.500	-0.006	94	100972	20.0	18.5	a
20 Acrolein	56	1.494	1.518	-0.024	46	15871	39.5	34.6	
22 1,1-Dichloroethene	96	1.549	1.561	-0.012	95	65945	20.0	18.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	93	76307	20.0	19.9	
23 Acetone	58	1.585	1.597	-0.012	87	30784	100.0	83.1	
24 Iodomethane	142	1.640	1.652	-0.012	98	139976	20.0	20.0	
25 Isopropyl alcohol	45	1.670	1.676	-0.006	26	29073	200.0	203.3	a
26 Carbon disulfide	76	1.670	1.682	-0.012	98	263967	20.0	19.8	
30 Acetonitrile	39	1.749	1.762	-0.013	76	64392	200.0	212.9	
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	92	52079	20.0	18.7	
28 Methyl acetate	74	1.762	1.774	-0.012	98	22932	40.0	39.7	
29 Cyclopentene	67	1.798	1.804	-0.006	98	139611	20.0	21.1	
32 Methylene Chloride	84	1.822	1.835	-0.013	88	80559	20.0	19.9	
* 31 TBA-d9 (IS)	46	1.865	1.871	-0.006	100	86713	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.920	1.944	-0.024	91	71746	200.0	207.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.968	1.987	-0.019	96	236987	200.0	194.2	
35 trans-1,2-Dichloroethene	96	1.981	1.993	-0.012	93	69853	20.0	20.1	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	96	195867	20.0	20.1	a
37 Hexane	56	2.151	2.157	-0.006	91	33409	20.0	20.4	
39 1,1-Dichloroethane	63	2.248	2.254	-0.006	100	123639	20.0	21.1	
40 Vinyl acetate	86	2.267	2.297	-0.030	100	24932	40.0	41.7	a
38 Isopropyl ether	45	2.303	2.309	-0.006	84	200376	20.0	22.5	
41 2-Chloro-1,3-butadiene	88	2.303	2.315	-0.012	86	61834	20.0	21.2	
42 Tert-butyl ethyl ether	59	2.546	2.558	-0.012	91	221007	20.0	24.9	
* 43 2-Butanone-d5	46	2.595	2.607	-0.012	99	298837	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.638	2.650	-0.012	99	81508	20.0	21.3	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	98	36028	100.0	91.0	
44 2,2-Dichloropropane	79	2.650	2.656	-0.006	73	37081	20.0	21.4	
47 Ethyl acetate	70	2.686	2.698	-0.012	99	13650	40.0	44.8	
48 Methyl acrylate	55	2.711	2.717	-0.006	98	67928	20.0	21.2	
49 Propionitrile	54	2.705	2.717	-0.012	71	93602	200.0	225.8	
52 Methacrylonitrile	67	2.796	2.814	-0.018	89	269405	200.0	220.6	
51 Chlorobromomethane	128	2.808	2.820	-0.012	85	39608	20.0	20.0	
50 Tetrahydrofuran	72	2.845	2.857	-0.012	82	17036	40.0	39.9	
53 Chloroform	83	2.869	2.881	-0.012	99	117166	20.0	20.9	
$ 56 Dibromofluoromethane (Surr)	113	2.991	3.003	-0.012	96	154164	50.0	48.0	
55 1,1,1-Trichloroethane	97	3.003	3.015	-0.012	99	107521	20.0	20.3	
54 Cyclohexane	84	3.045	3.057	-0.012	88	98792	20.0	20.9	
58 1,1-Dichloropropene	75	3.124	3.136	-0.012	99	78722	20.0	19.8	
57 Carbon tetrachloride	117	3.130	3.136	-0.006	97	88419	20.0	19.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	155383	50.0	49.5	
59 Isobutyl alcohol	43	3.252	3.264	-0.012	96	50255	500.0	557.6	
61 Benzene	78	3.289	3.295	-0.006	95	257031	20.0	20.5	
65 1,2-Dichloroethane	62	3.301	3.313	-0.012	97	77477	20.0	20.3	
60 Isooctane	57	3.368	3.368	0.000	96	134512	20.0	21.9	
64 Isopropyl acetate	61	3.374	3.380	-0.006	98	23218	20.0	22.1	a
63 Tert-amyl methyl ether	73	3.398	3.404	-0.006	94	192516	20.0	20.4	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	510707	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	79	50192	20.0	23.5	
68 n-Butanol	56	3.818	3.830	-0.012	52	31212	500.0	526.7	
69 Trichloroethene	95	3.830	3.830	0.000	99	61253	20.0	20.7	
70 Ethyl acrylate	99	3.964	3.964	0.000	98	5713	20.0	26.8	
71 Methylcyclohexane	83	4.000	4.006	-0.006	90	93618	20.0	20.2	a
72 1,2-Dichloropropane	63	4.025	4.037	-0.012	94	62753	20.0	21.4	
* 73 1,4-Dioxane-d8	96	4.116	4.134	-0.018	54	31190	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	96	40580	20.0	20.4	
75 1,4-Dioxane	88	4.165	4.177	-0.012	32	15335	400.0	431.2	
74 Methyl methacrylate	100	4.171	4.177	-0.006	86	31263	40.0	43.3	
77 n-Propyl acetate	43	4.238	4.244	-0.006	98	70088	20.0	23.2	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	99	74451	20.0	20.1	
79 2-Nitropropane	41	4.524	4.530	-0.006	98	21759	40.0	41.3	
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.006	94	29089	20.0	21.9	
81 Epichlorohydrin	57	4.657	4.657	0.000	95	5968	20.0	23.3	
82 cis-1,3-Dichloropropene	75	4.737	4.736	0.000	90	84294	20.0	19.2	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	95	247957	100.0	100.7	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	532895	50.0	50.5	
85 Toluene	91	5.065	5.071	-0.006	93	239482	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.327	5.333	-0.006	95	81215	20.0	21.1	
87 Ethyl methacrylate	69	5.467	5.473	-0.005	88	63393	20.0	21.3	
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	96	45166	20.0	19.8	
89 Tetrachloroethene	166	5.637	5.643	-0.006	94	56260	20.0	19.4	
90 1,3-Dichloropropane	76	5.692	5.698	-0.006	91	89094	20.0	20.7	
91 2-Hexanone	58	5.838	5.838	0.000	95	92111	100.0	102.3	
93 Chlorodibromomethane	129	5.935	5.941	-0.006	97	55898	20.0	19.5	
92 n-Butyl acetate	43	6.014	6.020	-0.006	98	72189	20.0	22.8	
94 Ethylene Dibromide	107	6.038	6.038	0.000	99	56789	20.0	20.4	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	412901	50.0	50.0	
96 Chlorobenzene	112	6.629	6.634	-0.006	96	156832	20.0	20.1	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.756	-0.006	96	62266	20.0	18.2	
97 Ethylbenzene	106	6.793	6.793	0.000	98	80568	20.0	20.5	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	97157	20.0	20.7	
100 o-Xylene	106	7.425	7.431	-0.006	94	95576	20.0	19.4	
102 Styrene	104	7.450	7.450	0.000	97	155229	20.0	21.0	
101 n-Butyl acrylate	73	7.492	7.492	0.000	98	37634	20.0	21.2	
104 Bromoform	173	7.644	7.650	-0.006	96	36557	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	7.809	7.809	0.000	91	72076	20.0	21.3	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	252211	20.0	20.2	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.001	90	150999	50.0	50.9	
107 Bromobenzene	156	8.247	8.247	0.000	98	65403	20.0	21.1	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	98	74067	20.0	20.2	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	20634	20.0	20.5	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.423	0.000	93	19006	20.0	22.9	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	293698	20.0	21.8	
112 2-Chlorotoluene	91	8.527	8.526	0.001	96	180298	20.0	21.9	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	225473	20.0	21.5	
115 4-Chlorotoluene	91	8.679	8.679	0.000	97	199767	20.0	23.1	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	93	203746	20.0	20.9	
116 Butyl Methacrylate	87	8.934	8.940	-0.006	89	59844	20.0	19.4	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	162990	20.0	21.0	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	207567	20.0	21.2	
119 sec-Butylbenzene	105	9.403	9.403	0.001	99	245288	20.0	21.1	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	123367	20.0	21.5	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.567	0.000	95	213166	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	97	122966	20.0	20.5	
121 4-Isopropyltoluene	119	9.597	9.597	0.000	98	208843	20.0	20.6	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	219723	20.0	20.0	
125 Benzyl chloride	126	9.768	9.768	0.000	99	26077	20.0	20.8	
126 2,3-Dihydroindene	117	9.865	9.871	-0.006	93	208622	20.0	20.6	
129 1,2-Dichlorobenzene	146	9.981	9.980	0.001	97	120295	20.0	20.1	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	117502	20.0	20.8	
128 n-Butylbenzene	92	10.035	10.035	0.000	97	104608	20.0	21.3	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.747	-0.006	96	13872	20.0	16.9	
130 1,2,4,5-Tetramethylbenzene	119	10.753	10.753	0.000	98	174411	20.0	16.4	
132 1,3,5-Trichlorobenzene	180	10.924	10.923	0.001	98	83493	20.0	19.9	
133 1,2,4-Trichlorobenzene	180	11.441	11.440	0.001	94	74797	20.0	20.7	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	89	23677	20.0	21.1	
135 Naphthalene	128	11.623	11.623	0.000	99	190289	20.0	21.1	
165 2-Ethylhexyl acrylate	55	11.696	11.696	0.000	93	51810	20.0	16.2	a
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	97	75042	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 138 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

EthhexAcr_SS_00004	Amount Added: 20.00	Units: uL		
ACROLEIN SP_00158	Amount Added: 4.00	Units: uL		
7 Freons SS_00007	Amount Added: 20.00	Units: uL		
8260 SP_00171	Amount Added: 20.00	Units: uL		
GAS C SP_00538	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00241	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 31-Oct-2023 20:54:04 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D

Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11 Operator ID:

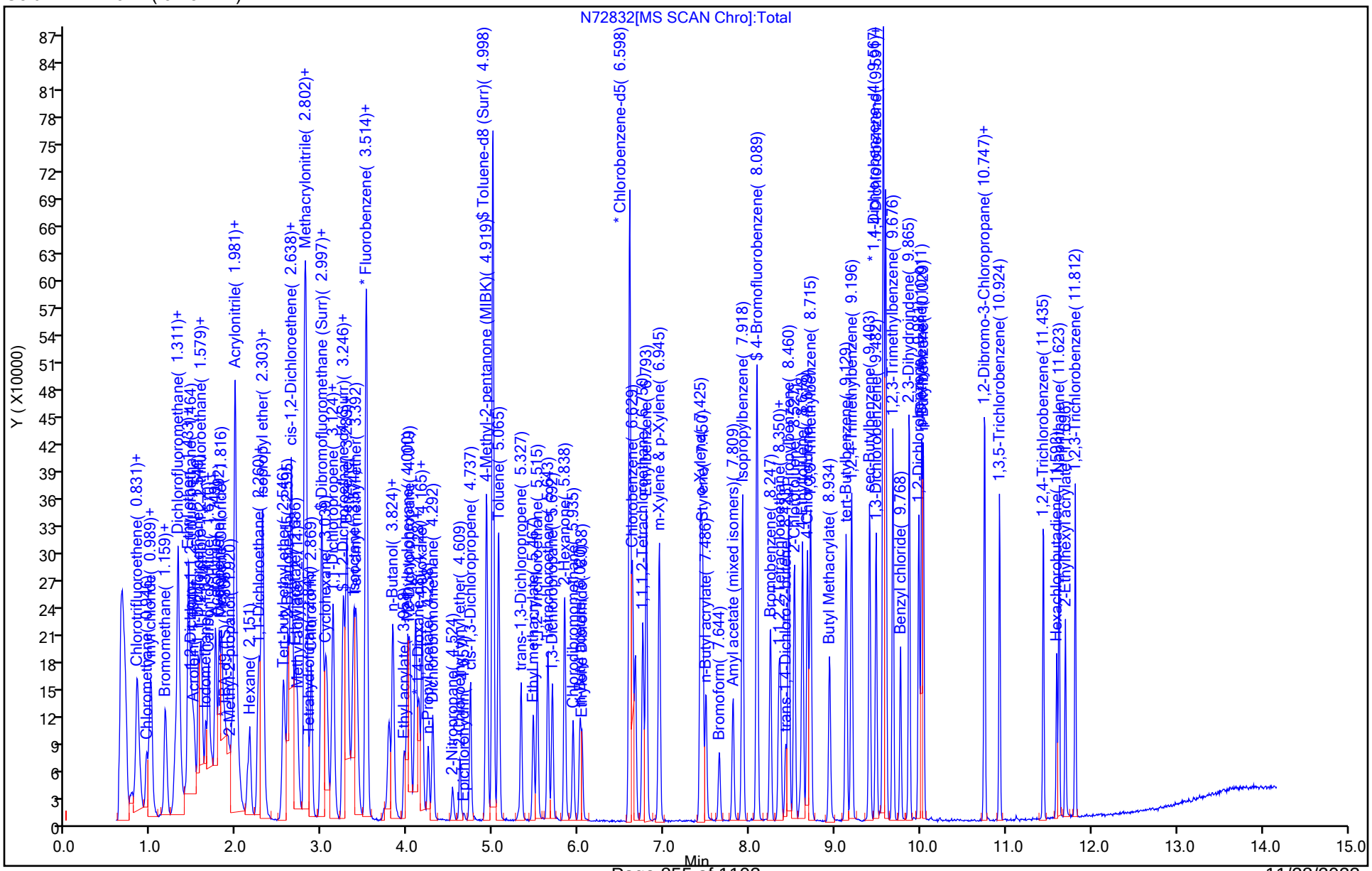
Lims ID: ICV Worklist Smp#: 31

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 39

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

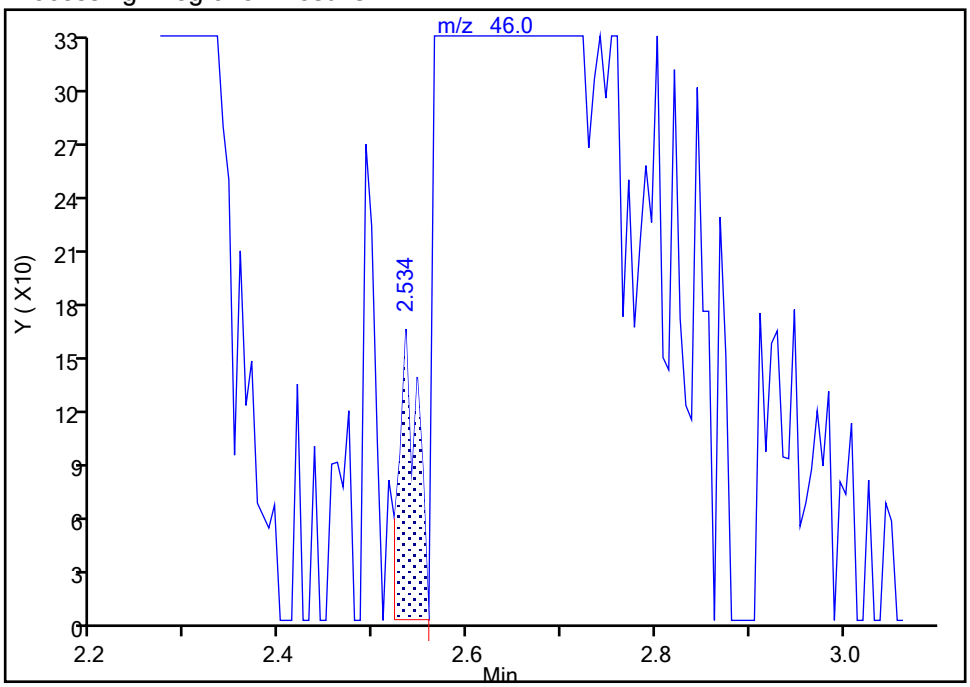
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

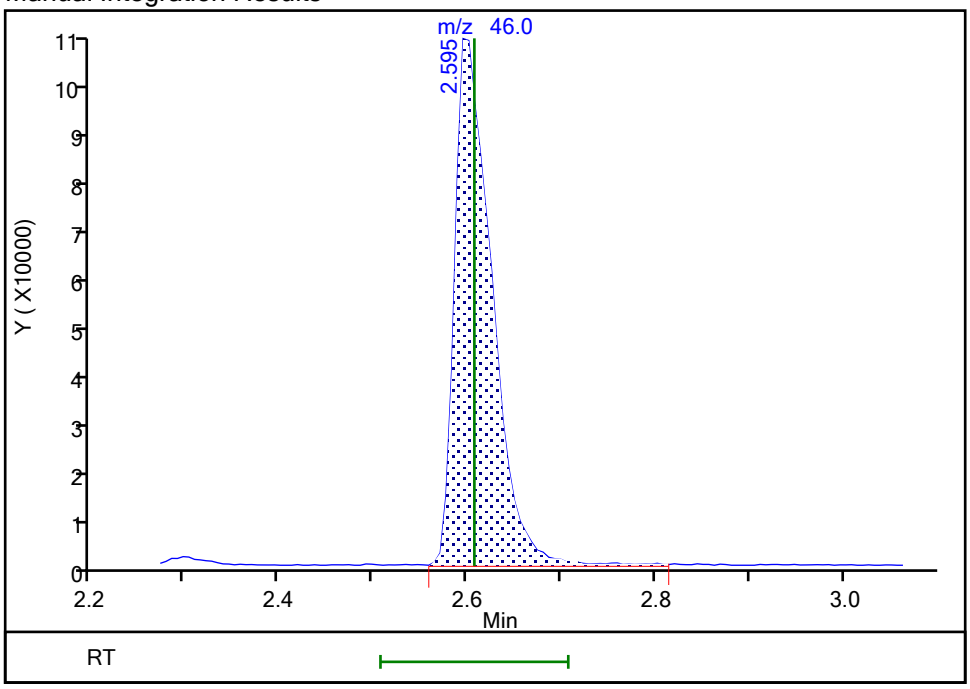
Processing Integration Results

RT: 2.53
Area: 224
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 298837
Amount: 250.0000
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:39:20 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

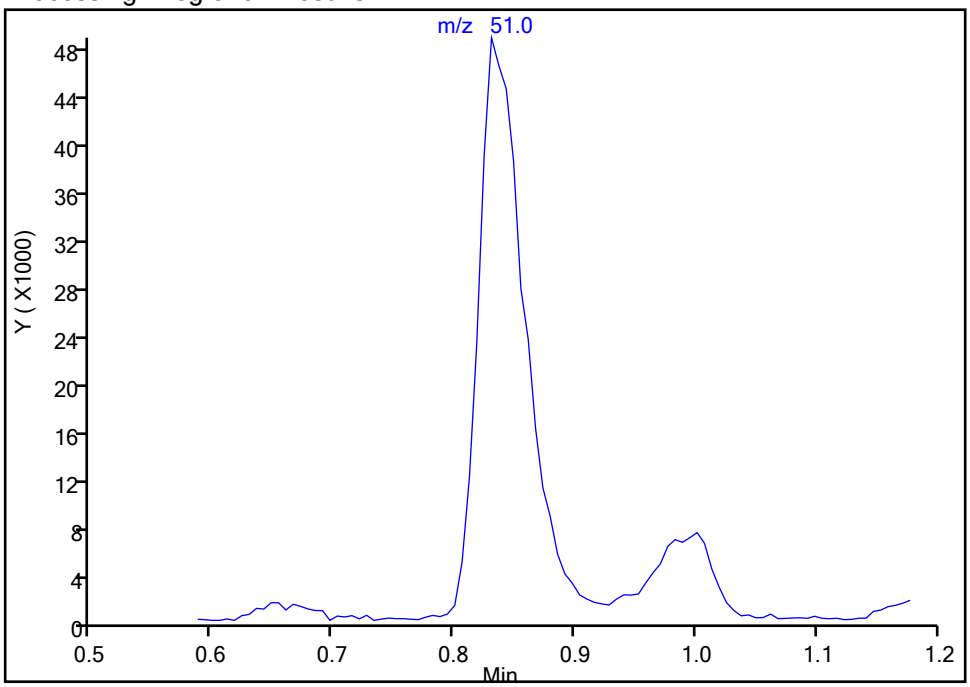
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

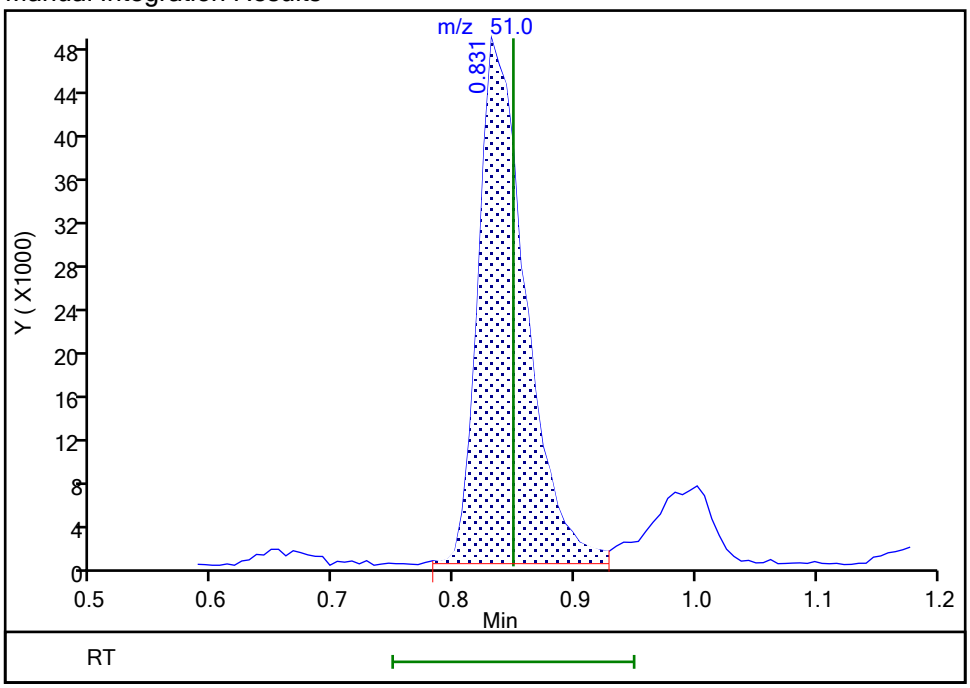
Not Detected
Expected RT: 0.85

Processing Integration Results



Manual Integration Results

RT: 0.83
Area: 133432
Amount: 18.369713
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:39:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

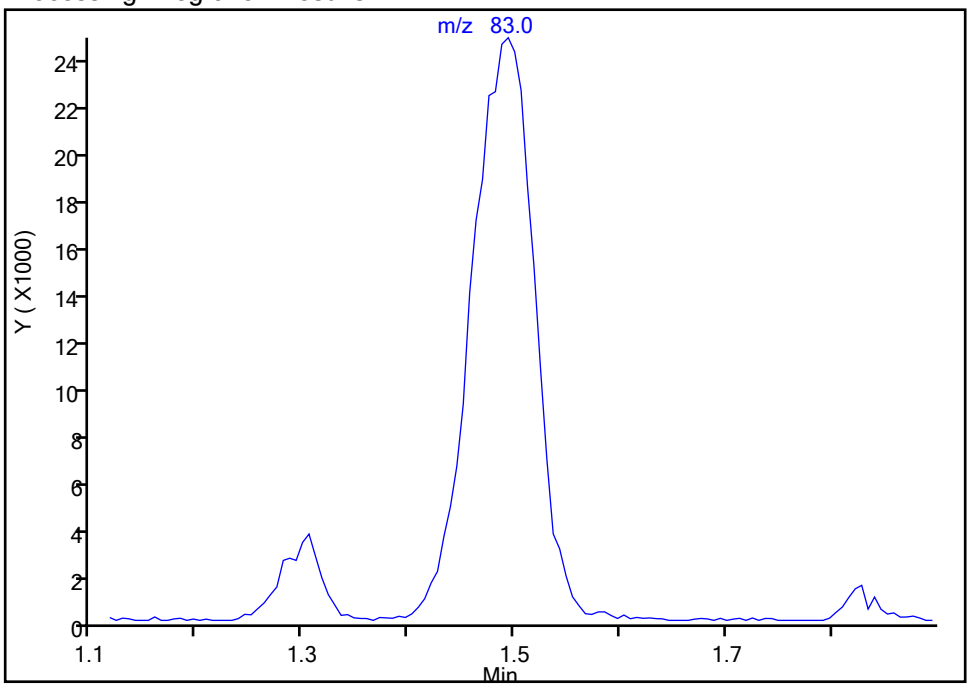
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

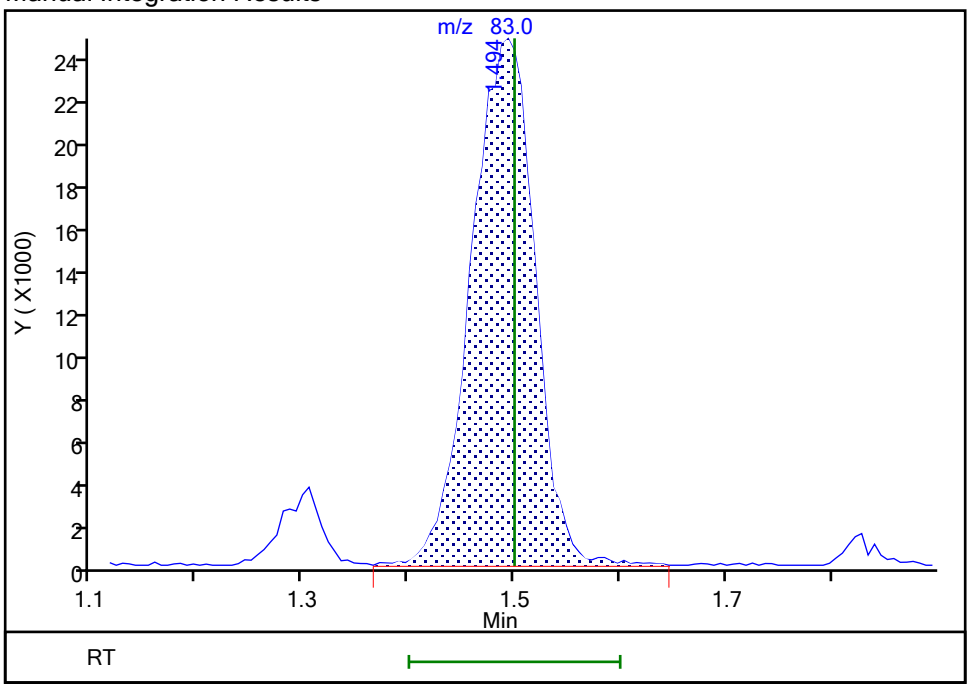
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.49
Area: 100972
Amount: 18.544526
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:39:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

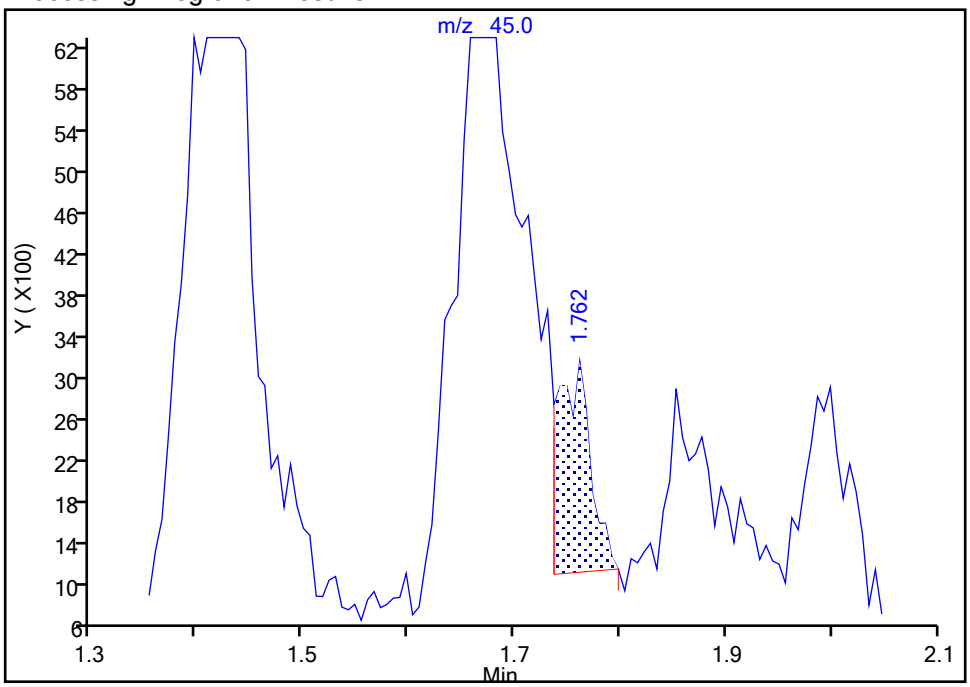
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

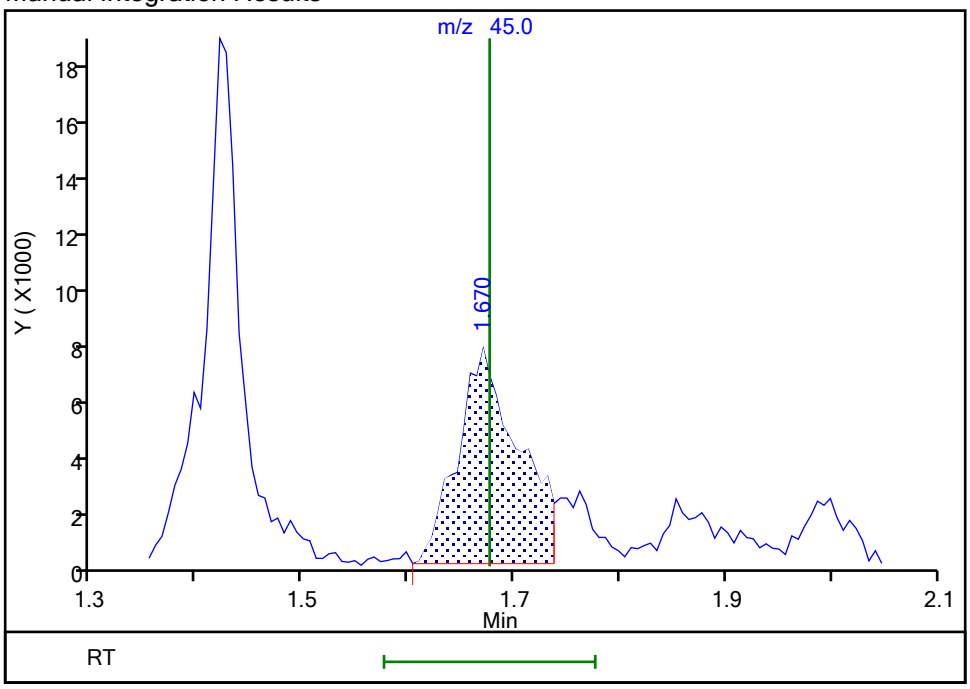
Processing Integration Results

RT: 1.76
Area: 4430
Amount: 27.324513
Amount Units: ug/l



Manual Integration Results

RT: 1.67
Area: 29073
Amount: 203.2948
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:39:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

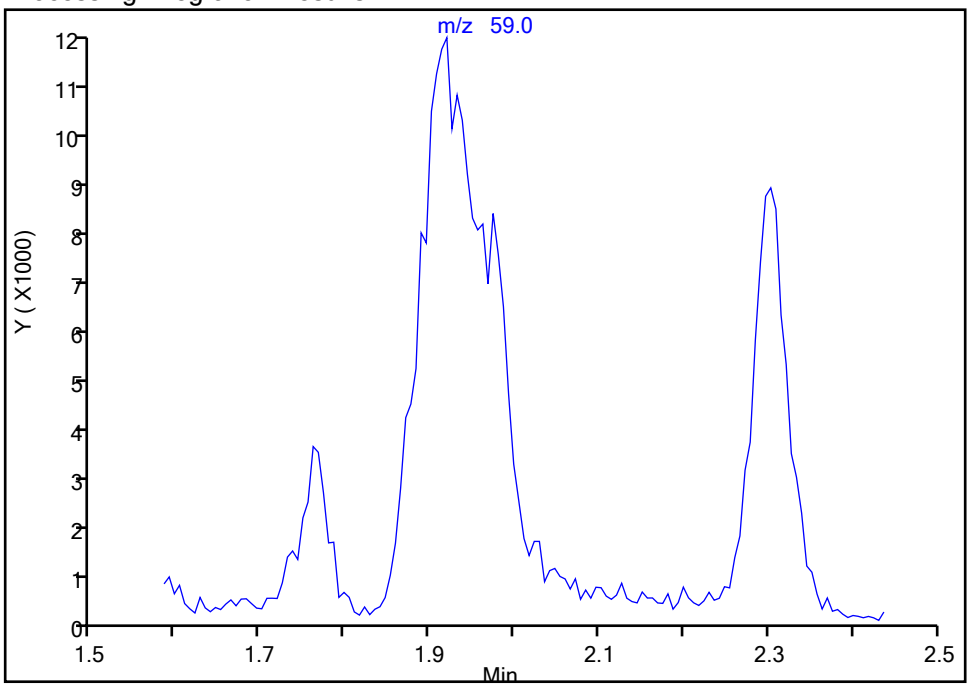
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

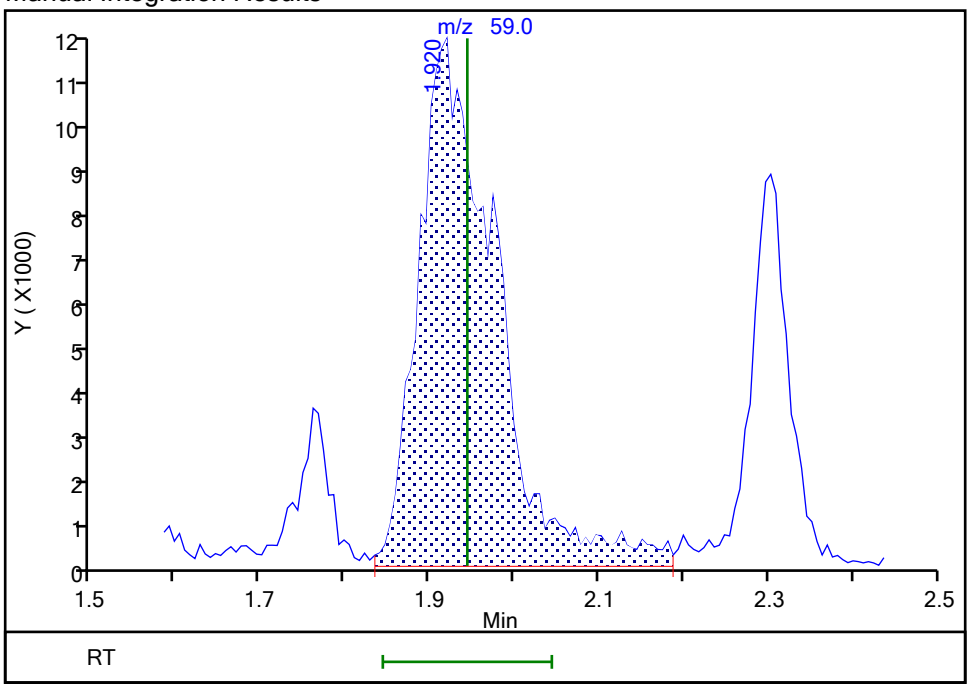
Not Detected
Expected RT: 1.94

Processing Integration Results



Manual Integration Results

RT: 1.92
Area: 71746
Amount: 207.3402
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:40:11 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

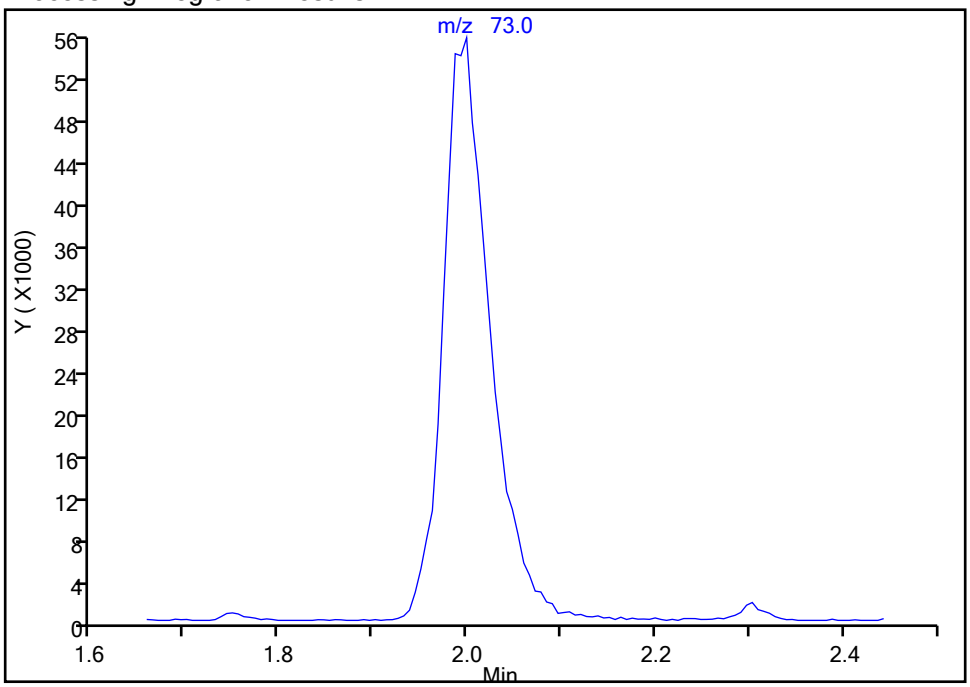
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

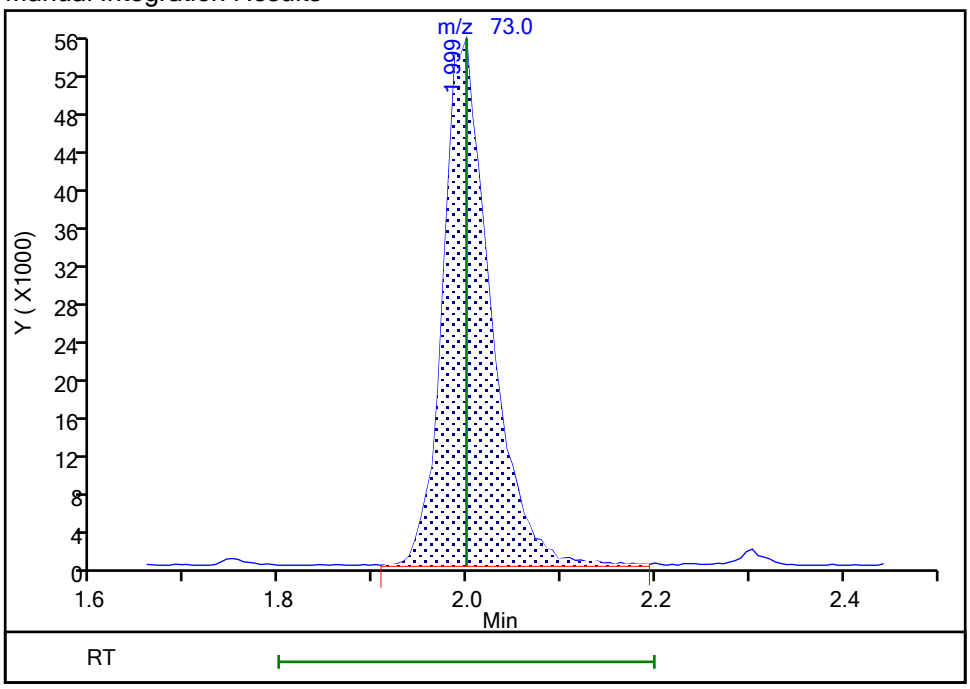
Not Detected
Expected RT: 2.00

Processing Integration Results



Manual Integration Results

RT: 2.00
Area: 195867
Amount: 20.061259
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:40:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

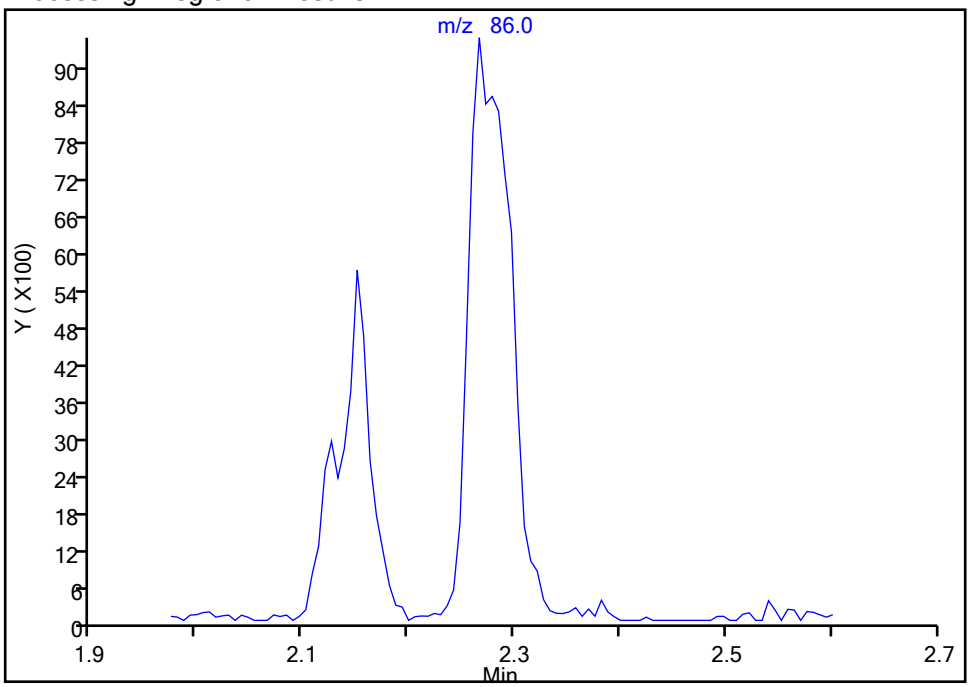
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Signal: 1

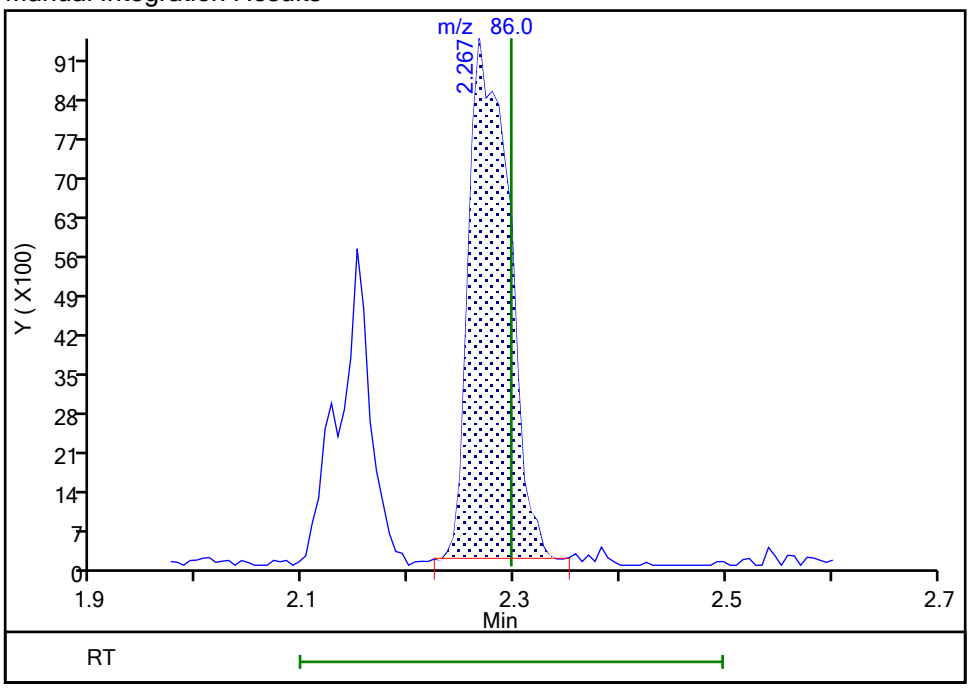
Not Detected
Expected RT: 2.30

Processing Integration Results



Manual Integration Results

RT: 2.27
Area: 24932
Amount: 41.671712
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:40:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

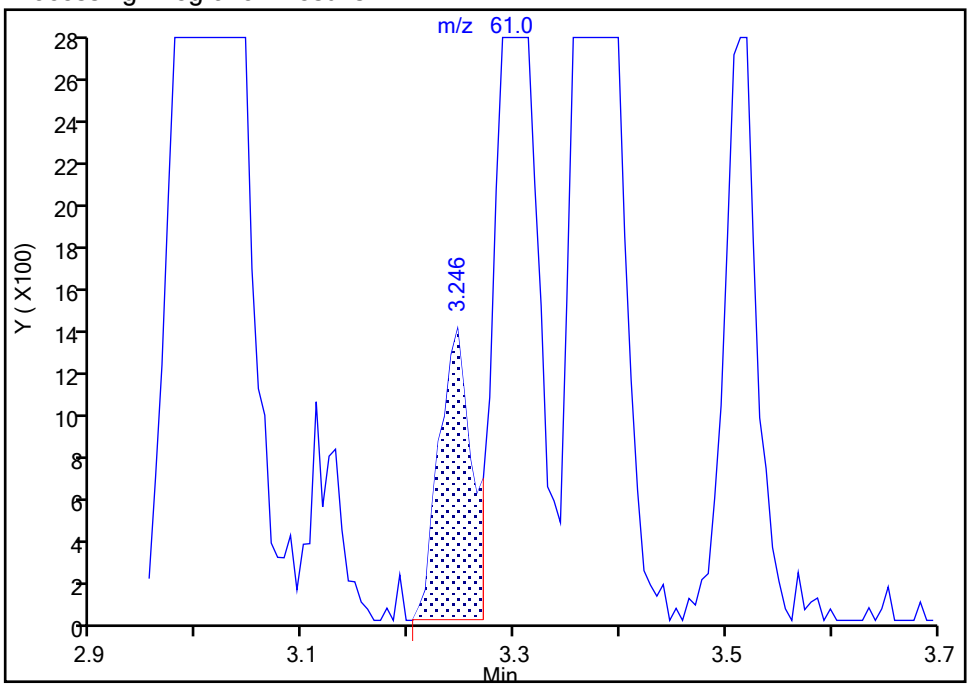
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

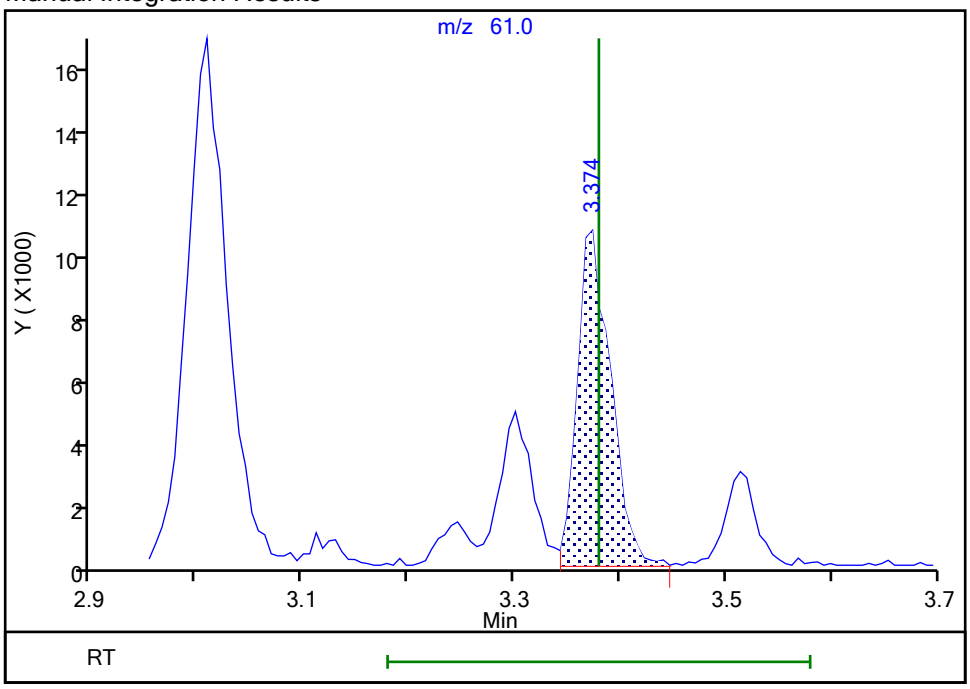
Processing Integration Results

RT: 3.25
Area: 3038
Amount: 2.887431
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 23218
Amount: 22.067271
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:40:34 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

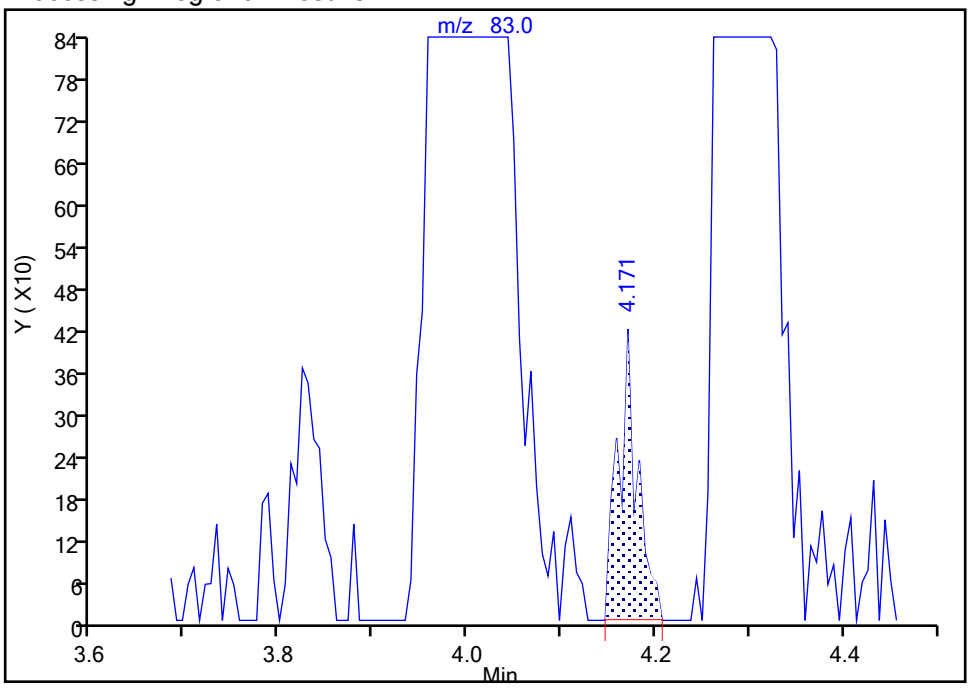
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

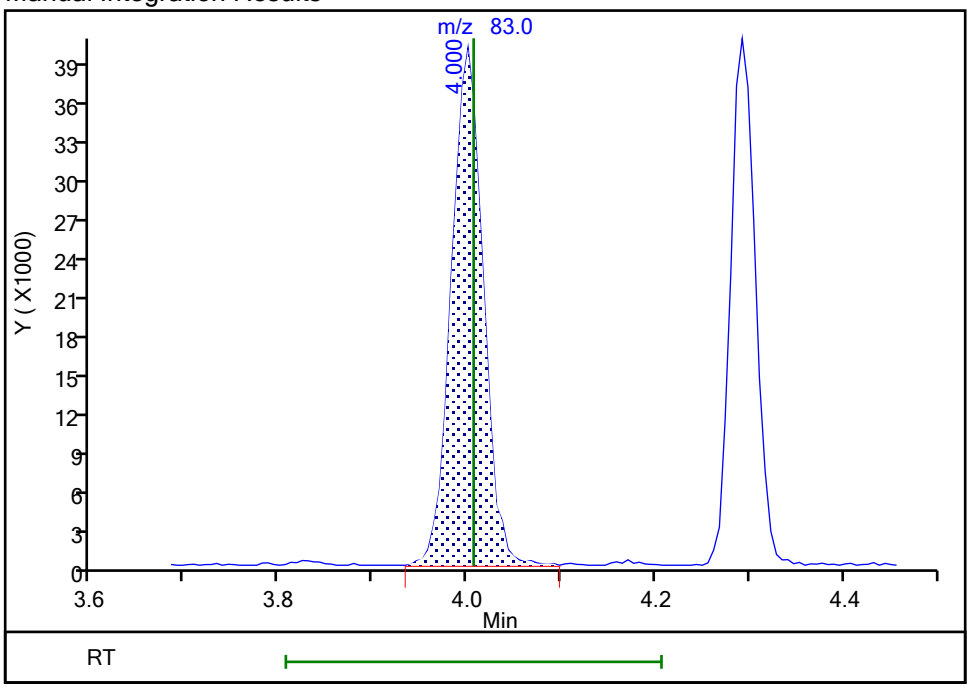
Processing Integration Results

RT: 4.17
Area: 587
Amount: 0.126535
Amount Units: ug/l



Manual Integration Results

RT: 4.00
Area: 93618
Amount: 20.180429
Amount Units: ug/l



Reviewer: HVW2, 31-Oct-2023 18:40:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

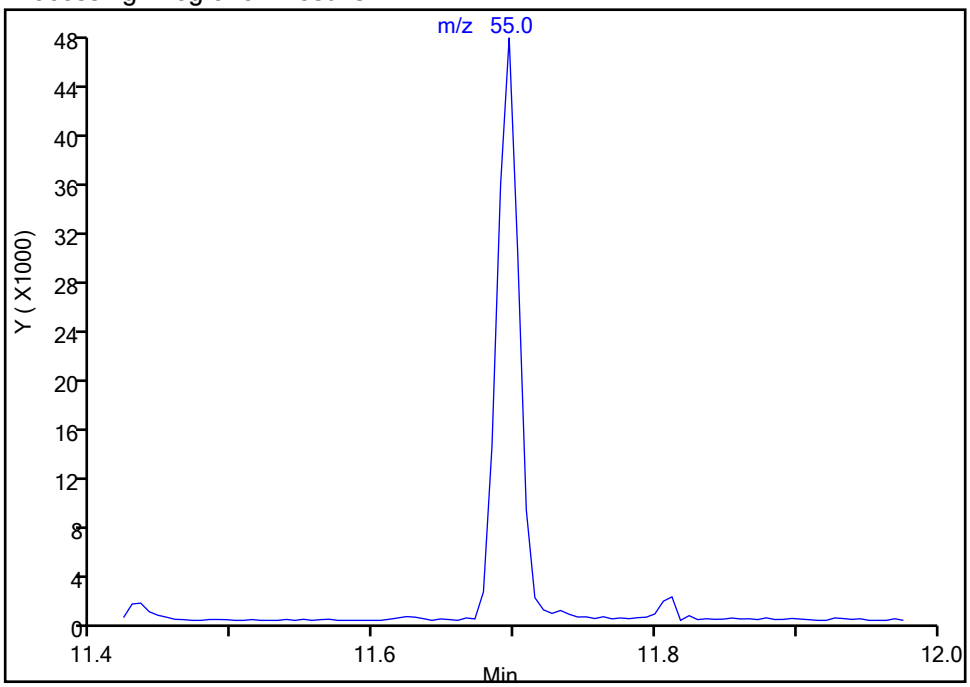
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72832.D
Injection Date: 31-Oct-2023 18:16:30 Instrument ID: CVOAMS11
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 39 Worklist Smp#: 31
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

165 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

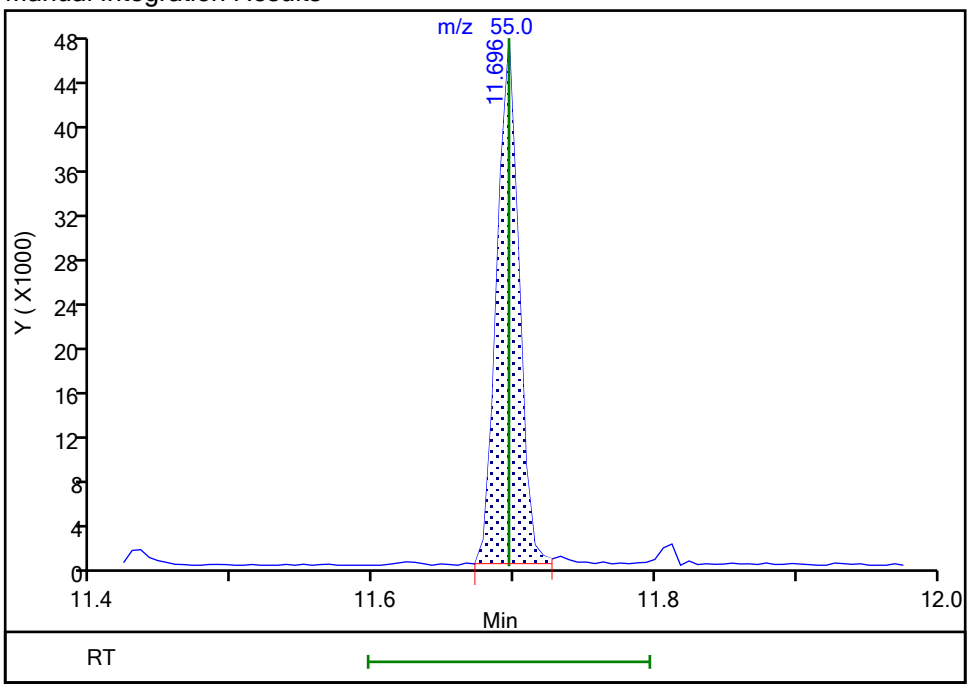
Not Detected
Expected RT: 11.70

Processing Integration Results



Manual Integration Results

RT: 11.70
Area: 51810
Amount: 16.177393
Amount Units: ug/l



Reviewer: W9CM, 31-Oct-2023 20:47:45 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945808/2 Calibration Date: 11/20/2023 19:31

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73638.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1361		28.3	20.0	41.4*	20.0
Chlorodifluoromethane	Ave	0.7111	0.8589		24.2	20.0	20.8*	20.0
Dichlorodifluoromethane	Ave	0.4974	0.5349	0.1000	21.5	20.0	7.5	20.0
Chloromethane	QuaF		1.513	0.1000	23.3	20.0	16.5	20.0
Vinyl chloride	Ave	0.4510	0.5261	0.1000	23.3	20.0	16.6	20.0
Butadiene	Ave	0.3946	0.4541		23.0	20.0	15.1	20.0
Bromomethane	Ave	0.4038	0.3613	0.1000	17.9	20.0	-10.5	50.0
Chloroethane	Ave	0.2741	0.2864	0.1000	20.9	20.0	4.5	50.0
Dichlorofluoromethane	Ave	0.8003	0.8682		21.7	20.0	8.5	20.0
Pentane	Ave	5.531	4.314		31.2	40.0	-22.0*	20.0
Trichlorofluoromethane	Ave	0.5839	0.5646	0.1000	19.3	20.0	-3.3	20.0
Ethanol	Ave	0.1196	0.1617		1080	800	35.2	50.0
Ethyl ether	Lin2		0.1730		18.7	20.0	-6.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2370		18.5	20.0	-7.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3330		19.5	20.0	-2.3	20.0
Acrolein	Ave	5.285	4.493		34.0	40.0	-15.0	50.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.5612		21.1	20.0	5.3	20.0
1,1-Dichloroethene	Ave	0.3431	0.2933	0.1000	17.1	20.0	-14.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.3820	0.1000	20.3	20.0	1.6	20.0
Acetone	Ave	0.3101	0.2797	0.0500	90.2	100	-9.8	50.0
Iodomethane	Ave	0.6864	0.5678		16.5	20.0	-17.3	20.0
Carbon disulfide	Ave	1.306	0.9413	0.1000	14.4	20.0	-27.9	50.0
Isopropyl alcohol	Ave	1.649	1.567		190	200	-5.0	50.0
3-Chloro-1-propene	Ave	0.2731	0.2668		19.5	20.0	-2.3	20.0
Acetonitrile	Ave	3.489	2.635		151	200	-24.5*	20.0
Methyl acetate	Ave	6.664	5.865	0.1000	35.2	40.0	-12.0	20.0
Cyclopentene	Ave	0.6476	0.5103		15.8	20.0	-21.2*	20.0
Methylene Chloride	Ave	0.3955	0.3795	0.1000	19.2	20.0	-4.0	20.0
2-Methyl-2-propanol	Ave	3.991	3.258		163	200	-18.4	50.0
Acrylonitrile	Ave	0.1195	0.1271		213	200	6.4	20.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3225	0.1000	19.0	20.0	-5.1	20.0
Methyl tert-butyl ether	Ave	0.9559	0.9096	0.1000	19.0	20.0	-4.8	20.0
Hexane	Ave	0.1601	0.1250		15.6	20.0	-21.9*	20.0
1,1-Dichloroethane	Ave	0.5742	0.5615	0.2000	19.6	20.0	-2.2	20.0
Vinyl acetate	Ave	0.5005	0.3017		24.1	40.0	-39.7*	20.0
Isopropyl ether	Ave	0.8715	0.8923		20.5	20.0	2.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.2478		17.4	20.0	-13.0	20.0
Tert-butyl ethyl ether	Ave	0.8676	0.9363		21.6	20.0	7.9	20.0
2,2-Dichloropropane	Lin2		0.1463		17.1	20.0	-14.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945808/2 Calibration Date: 11/20/2023 19:31

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73638.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3746	0.3725	0.1000	19.9	20.0	-0.6	20.0
Methyl Ethyl Ketone	Ave	0.3313	0.2946	0.0500	88.9	100	-11.1	50.0
Ethyl acetate	Ave	0.2548	0.2348		36.9	40.0	-7.9	20.0
Methyl acrylate	Ave	0.3142	0.3059		19.5	20.0	-2.7	20.0
Propionitrile	Ave	4.782	4.562		191	200	-4.6	20.0
Methacrylonitrile	Ave	0.1195	0.1236		207	200	3.4	20.0
Chlorobromomethane	Ave	0.1940	0.1779		18.3	20.0	-8.3	20.0
Tetrahydrofuran	Ave	0.3569	0.3349		37.5	40.0	-6.2	20.0
Chloroform	Ave	0.5493	0.5538	0.2000	20.2	20.0	0.8	20.0
1,1,1-Trichloroethane	Ave	0.5188	0.4709	0.1000	18.2	20.0	-9.2	20.0
Cyclohexane	Ave	0.4623	0.3822	0.1000	16.5	20.0	-17.3	50.0
1,1-Dichloropropene	Ave	0.3884	0.3243		16.7	20.0	-16.5	20.0
Carbon tetrachloride	Ave	0.4408	0.3841	0.1000	17.4	20.0	-12.9	20.0
Isobutyl alcohol	Ave	1.039	0.9680		466	500	-6.9	50.0
Benzene	Ave	1.521	1.652	0.5000	21.7	20.0	8.7	20.0
1,2-Dichloroethane	Ave	0.3737	0.3454	0.1000	18.5	20.0	-7.6	20.0
Isooctane	Ave	0.6027	0.5357		17.8	20.0	-11.1	20.0
Isopropyl acetate	Ave	0.1030	0.1014		19.7	20.0	-1.5	20.0
Tert-amyl methyl ether	Ave	0.9261	0.8505		18.4	20.0	-8.2	20.0
n-Heptane	Ave	0.2090	0.1513		14.5	20.0	-27.6*	20.0
n-Butanol	Ave	0.6834	0.5807		425	500	-15.0	50.0
Trichloroethene	Ave	0.2897	0.2603	0.2000	18.0	20.0	-10.1	20.0
Ethyl acrylate	QuaF		0.0217		21.0	20.0	5.2	20.0
Methylcyclohexane	Ave	0.4542	0.3502	0.1000	15.4	20.0	-22.9	50.0
1,2-Dichloropropane	Ave	0.2876	0.2646	0.1000	18.4	20.0	-8.0	20.0
Dibromomethane	Ave	0.1952	0.1788		18.3	20.0	-8.4	20.0
1,4-Dioxane	Ave	1.140	1.258		441	400	10.3	50.0
Methyl methacrylate	Ave	0.0707	0.0569		32.2	40.0	-19.5	20.0
n-Propyl acetate	Ave	0.2957	0.2739		18.5	20.0	-7.4	20.0
Bromodichloromethane	Ave	0.3619	0.3338	0.2000	18.4	20.0	-7.8	20.0
2-Nitropropane	Ave	6.072	4.267		28.1	40.0	-29.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1088		16.7	20.0	-16.5	20.0
Epichlorohydrin	Ave	0.2147	0.1942		362	400	-9.5	20.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5169	0.2000	19.4	20.0	-2.8	50.0
methyl isobutyl ketone	Ave	2.061	1.899	0.0500	92.1	100	-7.9	50.0
Toluene	Ave	1.474	1.423	0.4000	19.3	20.0	-3.4	20.0
trans-1,3-Dichloropropene	Ave	0.4661	0.4376	0.1000	18.8	20.0	-6.1	50.0
Ethyl methacrylate	Ave	0.2919	0.2303		15.8	20.0	-21.1*	20.0
1,1,2-Trichloroethane	Ave	0.2763	0.3092	0.1000	22.4	20.0	11.9	20.0
Tetrachloroethene	Ave	0.3514	0.3101	0.2000	17.6	20.0	-11.8	20.0
1,3-Dichloropropane	Ave	0.5203	0.5255		20.2	20.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945808/2 Calibration Date: 11/20/2023 19:31

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73638.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7532	0.6351	0.0500	84.3	100	-15.7	50.0
Dibromochloromethane	Ave	0.3479	0.3500	0.1000	20.1	20.0	0.6	50.0
n-Butyl acetate	Ave	0.3829	0.4131		21.6	20.0	7.9	20.0
Ethylene Dibromide	Ave	0.3377	0.3451	0.1000	20.4	20.0	2.2	20.0
Chlorobenzene	Ave	0.9453	0.8993	0.5000	19.0	20.0	-4.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4137	0.3966		19.2	20.0	-4.1	20.0
Ethylbenzene	Ave	0.4748	0.4515	0.1000	19.0	20.0	-4.9	20.0
m-Xylene & p-Xylene	Ave	0.5697	0.5069	0.1000	17.8	20.0	-11.0	20.0
o-Xylene	Ave	0.5974	0.5202	0.3000	17.4	20.0	-12.9	20.0
Styrene	Ave	0.8939	0.8165	0.3000	18.3	20.0	-8.7	20.0
n-Butyl acrylate	Ave	0.2150	0.2172		20.2	20.0	1.0	20.0
Bromoform	Ave	0.4284	0.4360	0.1000	20.4	20.0	1.8	20.0
Amyl acetate (mixed isomers)	Ave	0.7955	0.8020		20.2	20.0	0.8	20.0
Isopropylbenzene	Ave	1.514	1.424	0.1000	18.8	20.0	-5.9	20.0
Bromobenzene	Ave	0.7285	0.7294		20.0	20.0	0.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8614	0.9246	0.3000	21.5	20.0	7.3	20.0
1,2,3-Trichloropropane	Ave	0.2361	0.2449		20.7	20.0	3.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1948	0.1837		18.9	20.0	-5.7	20.0
N-Propylbenzene	Ave	3.166	3.046		19.2	20.0	-3.8	20.0
2-Chlorotoluene	Ave	1.928	1.948		20.2	20.0	1.0	20.0
4-Ethyltoluene	Ave	2.455	2.305		18.8	20.0	-6.1	20.0
4-Chlorotoluene	Ave	2.025	1.960		19.4	20.0	-3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.285	2.274		19.9	20.0	-0.5	20.0
Butyl Methacrylate	QuaF		0.5905		16.4	20.0	-18.2	20.0
tert-Butylbenzene	Ave	1.825	1.625		17.8	20.0	-11.0	20.0
1,2,4-Trimethylbenzene	Ave	2.299	2.248		19.6	20.0	-2.2	20.0
sec-Butylbenzene	Ave	2.721	2.520		18.5	20.0	-7.4	20.0
1,3-Dichlorobenzene	Ave	1.346	1.369	0.6000	20.3	20.0	1.7	20.0
1,4-Dichlorobenzene	Ave	1.405	1.413	0.5000	20.1	20.0	0.5	20.0
4-Isopropyltoluene	Ave	2.379	2.233		18.8	20.0	-6.1	20.0
1,2,3-Trimethylbenzene	Ave	2.578	2.567		19.9	20.0	-0.4	20.0
Benzyl chloride	Ave	0.2945	0.2622		17.8	20.0	-11.0	50.0
Indan	Ave	2.376	2.348		19.8	20.0	-1.2	20.0
1,2-Dichlorobenzene	Ave	1.400	1.380	0.4000	19.7	20.0	-1.5	20.0
p-Diethylbenzene	Ave	1.324	1.312		19.8	20.0	-0.9	20.0
n-Butylbenzene	Ave	1.150	1.195		20.8	20.0	4.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1922	0.1747	0.0500	18.2	20.0	-9.1	50.0
1,2,4,5-Tetramethylbenzene	QuaF		1.670		13.4	20.0	-33.1*	20.0
1,3,5-Trichlorobenzene	Ave	0.9845	0.9078		18.4	20.0	-7.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8477	0.7356	0.2000	17.4	20.0	-13.2	20.0
Hexachlorobutadiene	Ave	0.2632	0.2152		16.4	20.0	-18.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945808/2 Calibration Date: 11/20/2023 19:31

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73638.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	QuaF		1.734		16.4	20.0	-17.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7981	0.7198		18.0	20.0	-9.8	20.0
Dibromofluoromethane (Surr)	Ave	0.3142	0.2987		47.5	50.0	-4.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3071	0.2746		44.7	50.0	-10.6	20.0
Toluene-d8 (Surr)	Ave	1.279	1.366		53.4	50.0	6.8	20.0
4-Bromofluorobenzene	Ave	0.3589	0.4061		56.6	50.0	13.1	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Nov-2023 19:31:30 ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0169153-002
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub19

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:43:54 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: C1JX Date: 20-Nov-2023 20:58:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.843	0.843	0.000	51	21613	20.0	28.3	
5 Dichlorodifluoromethane	85	0.855	0.855	0.000	52	84970	20.0	21.5	
6 Chlorodifluoromethane	51	0.855	0.855	0.000	95	136444	20.0	24.2	
7 Chloromethane	52	0.959	0.959	0.000	99	28417	20.0	23.3	
8 Vinyl chloride	62	1.007	1.007	0.000	97	83580	20.0	23.3	
9 Butadiene	54	1.013	1.013	0.000	95	72145	20.0	23.0	
10 Bromomethane	94	1.178	1.178	0.000	99	57399	20.0	17.9	
11 Chloroethane	64	1.190	1.190	0.000	98	45500	20.0	20.9	
12 Dichlorofluoromethane	67	1.317	1.317	0.000	99	137917	20.0	21.7	
14 Pentane	72	1.330	1.330	0.000	94	14400	40.0	31.2	
13 Trichlorofluoromethane	101	1.348	1.348	0.000	98	89687	20.0	19.3	M
15 Ethanol	46	1.433	1.433	0.000	63	10794	800.0	1081.4	
16 Ethyl ether	74	1.439	1.439	0.000	98	27485	20.0	18.7	
17 2-Methyl-1,3-butadiene	53	1.451	1.451	0.000	93	37645	20.0	18.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.482	1.482	0.000	95	52906	20.0	19.5	
20 Acrolein	56	1.512	1.512	0.000	44	14997	40.0	34.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.518	1.518	0.000	94	89149	20.0	21.1	a
22 1,1-Dichloroethene	96	1.567	1.567	0.000	97	46600	20.0	17.1	
23 Acetone	58	1.597	1.597	0.000	87	26265	100.0	90.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.597	1.597	0.000	89	60686	20.0	20.3	
24 Iodomethane	142	1.658	1.658	0.000	97	90204	20.0	16.5	
26 Carbon disulfide	76	1.689	1.689	0.000	98	149541	20.0	14.4	M
25 Isopropyl alcohol	45	1.689	1.689	0.000	29	26153	200.0	190.0	Ma
27 3-Chloro-1-propene	76	1.762	1.762	0.000	93	42387	20.0	19.5	
30 Acetonitrile	39	1.762	1.762	0.000	78	43979	200.0	151.1	
28 Methyl acetate	74	1.780	1.780	0.000	98	19576	40.0	35.2	
29 Cyclopentene	67	1.810	1.810	0.000	96	81068	20.0	15.8	
32 Methylene Chloride	84	1.841	1.841	0.000	89	60285	20.0	19.2	
* 31 TBA-d9 (IS)	46	1.883	1.883	0.000	100	83444	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.950	1.950	0.000	65	54373	200.0	163.3	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.987	1.987	0.000	95	201891	200.0	212.7	
35 trans-1,2-Dichloroethene	96	1.999	1.999	0.000	92	51227	20.0	19.0	
34 Methyl tert-butyl ether	73	2.005	2.005	0.000	75	144504	20.0	19.0	
37 Hexane	56	2.163	2.163	0.000	91	19856	20.0	15.6	
39 1,1-Dichloroethane	63	2.260	2.260	0.000	100	89196	20.0	19.6	
40 Vinyl acetate	86	2.291	2.291	0.000	99	11333	40.0	24.1	
38 Isopropyl ether	45	2.309	2.309	0.000	94	141753	20.0	20.5	
41 2-Chloro-1,3-butadiene	88	2.315	2.315	0.000	82	39360	20.0	17.4	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	91	148747	20.0	21.6	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	99	234746	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.650	2.650	0.000	99	59169	20.0	19.9	
44 2,2-Dichloropropane	79	2.650	2.650	0.000	44	23245	20.0	17.1	
46 2-Butanone (MEK)	72	2.662	2.662	0.000	90	27665	100.0	88.9	
47 Ethyl acetate	70	2.692	2.692	0.000	98	8818	40.0	36.9	
49 Propionitrile	54	2.717	2.717	0.000	72	76138	200.0	190.8	
48 Methyl acrylate	55	2.717	2.717	0.000	97	48594	20.0	19.5	
52 Methacrylonitrile	67	2.814	2.814	0.000	90	196341	200.0	206.8	
51 Chlorobromomethane	128	2.820	2.820	0.000	87	28258	20.0	18.3	
50 Tetrahydrofuran	72	2.851	2.851	0.000	88	12580	40.0	37.5	
53 Chloroform	83	2.881	2.881	0.000	99	87969	20.0	20.2	
$ 56 Dibromofluoromethane (Surr)	113	3.003	3.003	0.000	97	118647	50.0	47.5	
55 1,1,1-Trichloroethane	97	3.021	3.021	0.000	99	74815	20.0	18.2	
54 Cyclohexane	84	3.057	3.057	0.000	88	60712	20.0	16.5	
58 1,1-Dichloropropene	75	3.130	3.130	0.000	97	51524	20.0	16.7	
57 Carbon tetrachloride	117	3.143	3.143	0.000	97	61022	20.0	17.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.252	0.000	0	109050	50.0	44.7	
61 Benzene	78	3.295	3.295	0.000	94	174961	20.0	21.7	
65 1,2-Dichloroethane	62	3.313	3.313	0.000	95	54877	20.0	18.5	
60 Isooctane	57	3.374	3.374	0.000	95	85108	20.0	17.8	
59 Isobutyl alcohol	43	3.264	3.264	0.000	35	40386	500.0	465.6	a
64 Isopropyl acetate	61	3.386	3.386	0.000	97	16113	20.0	19.7	a
63 Tert-amyl methyl ether	73	3.410	3.410	0.000	97	135108	20.0	18.4	
* 67 Fluorobenzene	96	3.520	3.520	0.000	98	397151	50.0	50.0	
66 n-Heptane	43	3.526	3.526	0.000	40	24039	20.0	14.5	
68 n-Butanol	56	3.830	3.830	0.000	44	24230	500.0	424.9	
69 Trichloroethene	95	3.836	3.836	0.000	97	41359	20.0	18.0	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	3455	20.0	21.0	
71 Methylcyclohexane	83	4.006	4.006	0.000	88	55626	20.0	15.4	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	92	42034	20.0	18.4	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	64	20850	1000.0	1000.0	
76 Dibromomethane	93	4.140	4.140	0.000	96	28398	20.0	18.3	
75 1,4-Dioxane	88	4.171	4.171	0.000	31	10492	400.0	441.3	
74 Methyl methacrylate	100	4.177	4.177	0.000	84	18072	40.0	32.2	
77 n-Propyl acetate	43	4.244	4.244	0.000	97	43519	20.0	18.5	
78 Dichlorobromomethane	83	4.298	4.298	0.000	99	53031	20.0	18.4	
79 2-Nitropropane	41	4.530	4.530	0.000	98	14242	40.0	28.1	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	94	17319	20.0	16.7	
81 Epichlorohydrin	57	4.663	4.663	0.000	99	72955	400.0	361.8	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	89	54729	20.0	19.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	96	178311	100.0	92.1	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	361477	50.0	53.4	
85 Toluene	91	5.065	5.065	0.000	93	150710	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.327	5.327	0.000	94	46330	20.0	18.8	
87 Ethyl methacrylate	69	5.473	5.473	0.000	86	36591	20.0	15.8	
88 1,1,2-Trichloroethane	83	5.521	5.521	0.000	95	32736	20.0	22.4	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	32830	20.0	17.6	
90 1,3-Dichloropropane	76	5.698	5.698	0.000	91	55642	20.0	20.2	
91 2-Hexanone	58	5.838	5.838	0.000	96	59632	100.0	84.3	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	37059	20.0	20.1	
92 n-Butyl acetate	43	6.014	6.014	0.000	97	43743	20.0	21.6	
94 Ethylene Dibromide	107	6.038	6.038	0.000	100	36538	20.0	20.4	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	264696	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	95	95221	20.0	19.0	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	97	41992	20.0	19.2	
97 Ethylbenzene	106	6.793	6.793	0.000	98	47807	20.0	19.0	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	53672	20.0	17.8	
100 o-Xylene	106	7.425	7.425	0.000	94	55078	20.0	17.4	
102 Styrene	104	7.450	7.450	0.000	96	86447	20.0	18.3	
101 n-Butyl acrylate	73	7.492	7.492	0.000	96	22994	20.0	20.2	
104 Bromoform	173	7.644	7.644	0.000	95	25149	20.0	20.4	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	93	46258	20.0	20.2	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	150772	20.0	18.8	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	89	107490	50.0	56.6	
107 Bromobenzene	156	8.241	8.241	0.000	97	42070	20.0	20.0	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	99	53324	20.0	21.5	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	14125	20.0	20.7	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	92	10592	20.0	18.9	
109 N-Propylbenzene	91	8.454	8.454	0.000	99	175660	20.0	19.2	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	112348	20.0	20.2	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	132936	20.0	18.8	
115 4-Chlorotoluene	91	8.679	8.679	0.000	96	113071	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	93	131158	20.0	19.9	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	34055	20.0	16.4	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	93701	20.0	17.8	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	129671	20.0	19.6	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	145332	20.0	18.5	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	78931	20.0	20.3	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	144187	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.585	9.585	0.000	95	81470	20.0	20.1	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	97	128793	20.0	18.8	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	148030	20.0	19.9	
125 Benzyl chloride	126	9.761	9.761	0.000	99	15124	20.0	17.8	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	135434	20.0	19.8	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	79594	20.0	19.7	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	75690	20.0	19.8	
128 n-Butylbenzene	92	10.035	10.035	0.000	97	68936	20.0	20.8	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	91	10073	20.0	18.2	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	96	96321	20.0	13.4	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	52356	20.0	18.4	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	94	42426	20.0	17.4	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	88	12414	20.0	16.4	
135 Naphthalene	128	11.617	11.617	0.000	99	99999	20.0	16.4	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	41516	20.0	18.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	35.2	
S 139 Total BTEX	1				0		100.0	95.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

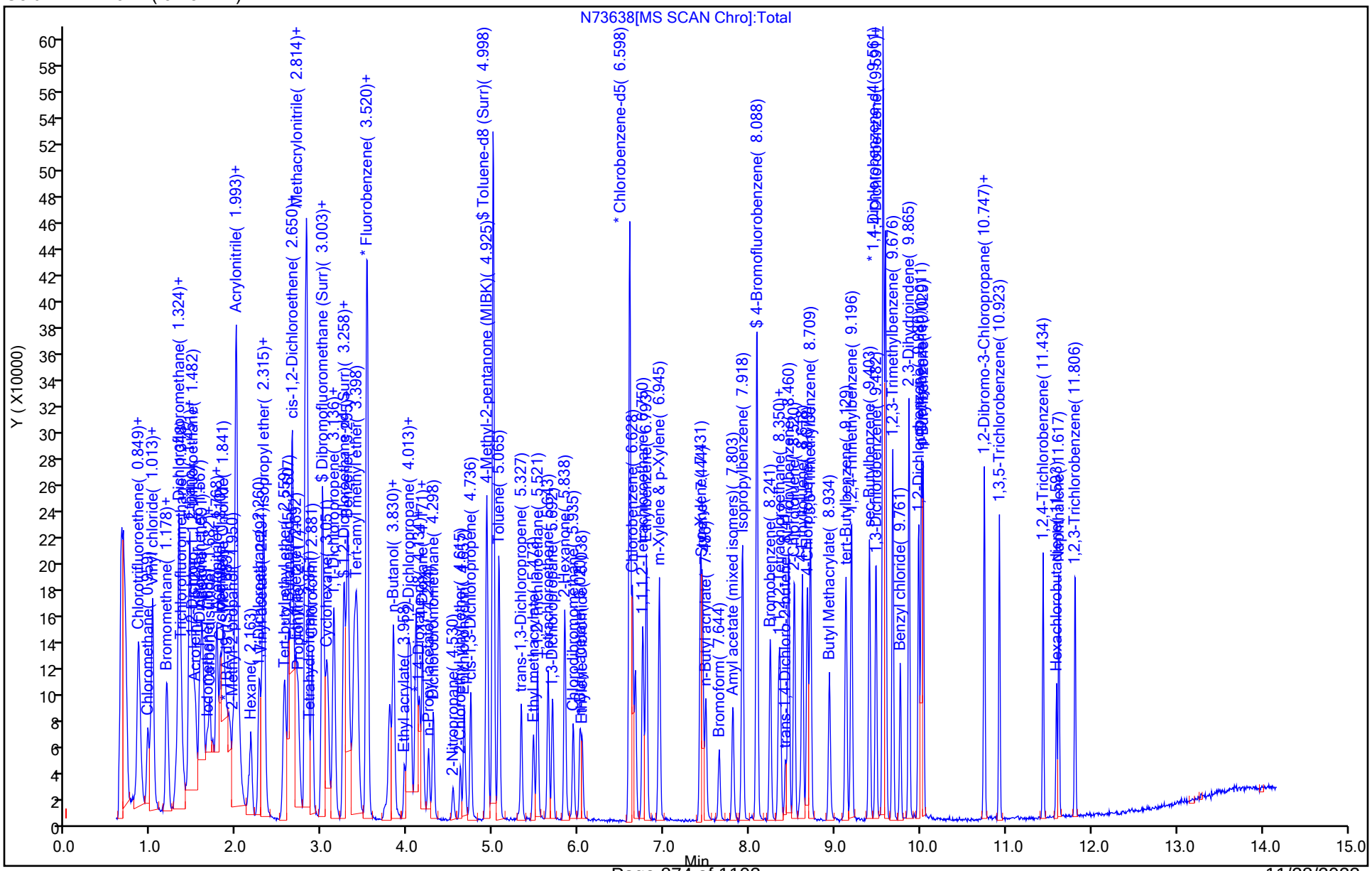
Report Date: 21-Nov-2023 13:43:55 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D

Injection Date:	20-Nov-2023 19:31:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

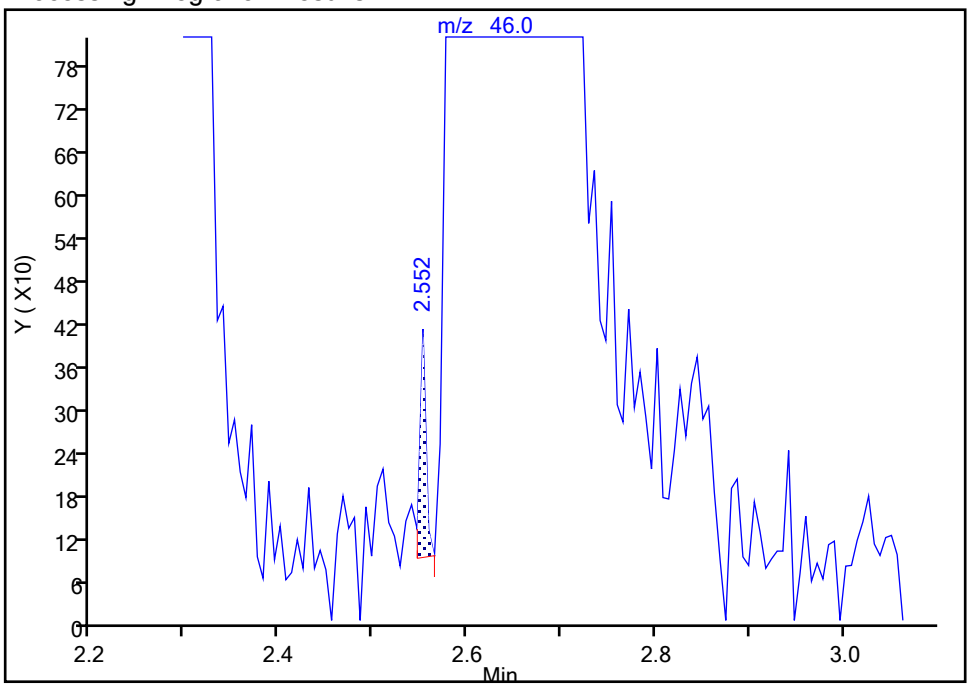
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

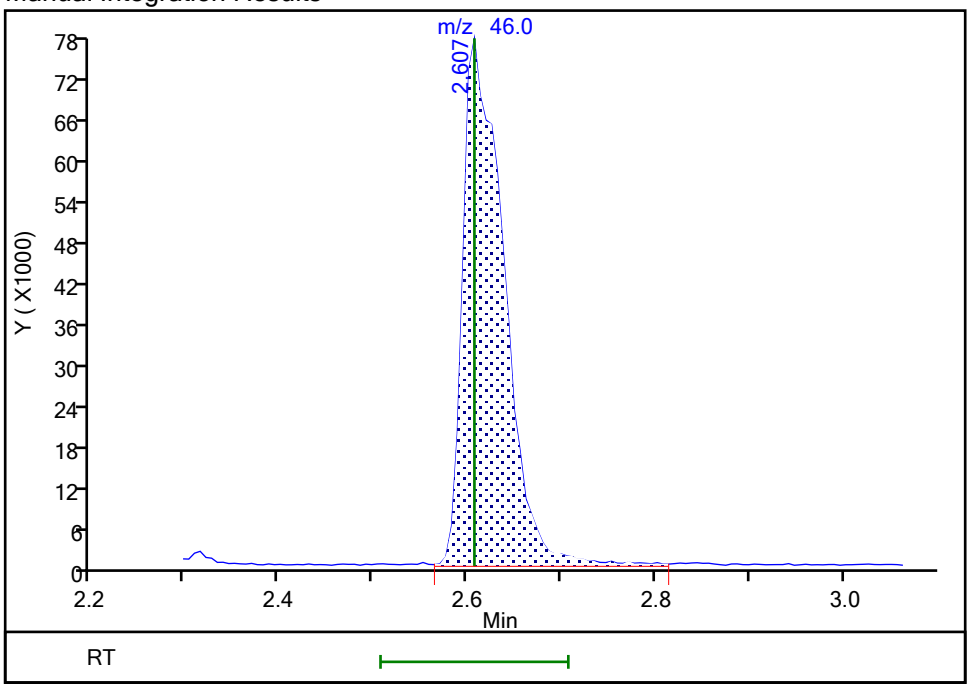
Processing Integration Results

RT: 2.55
Area: 145
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 234746
Amount: 250.0000
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:55:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

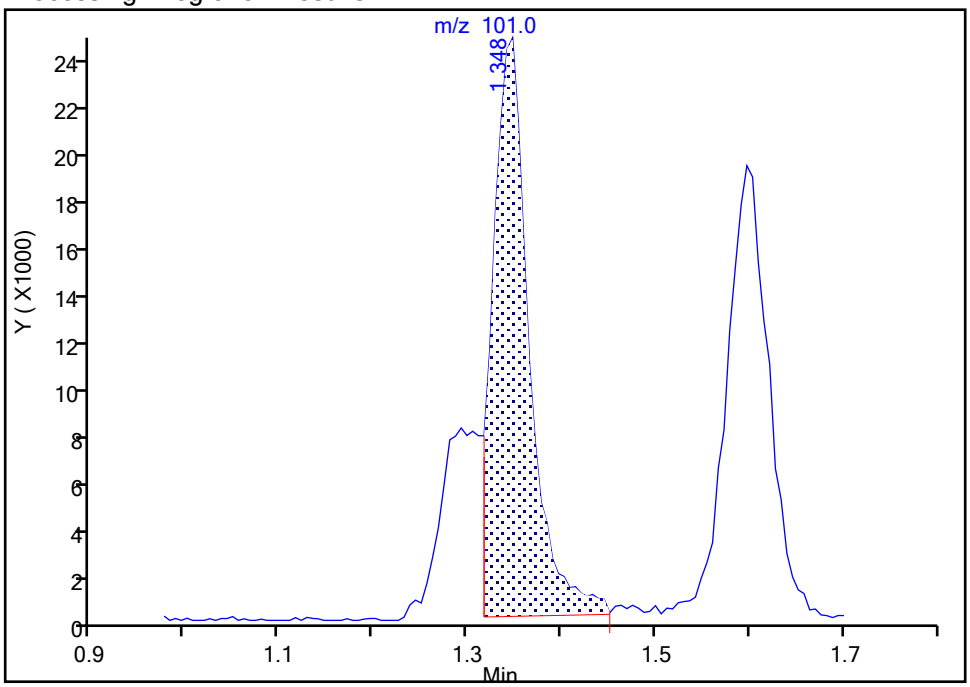
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

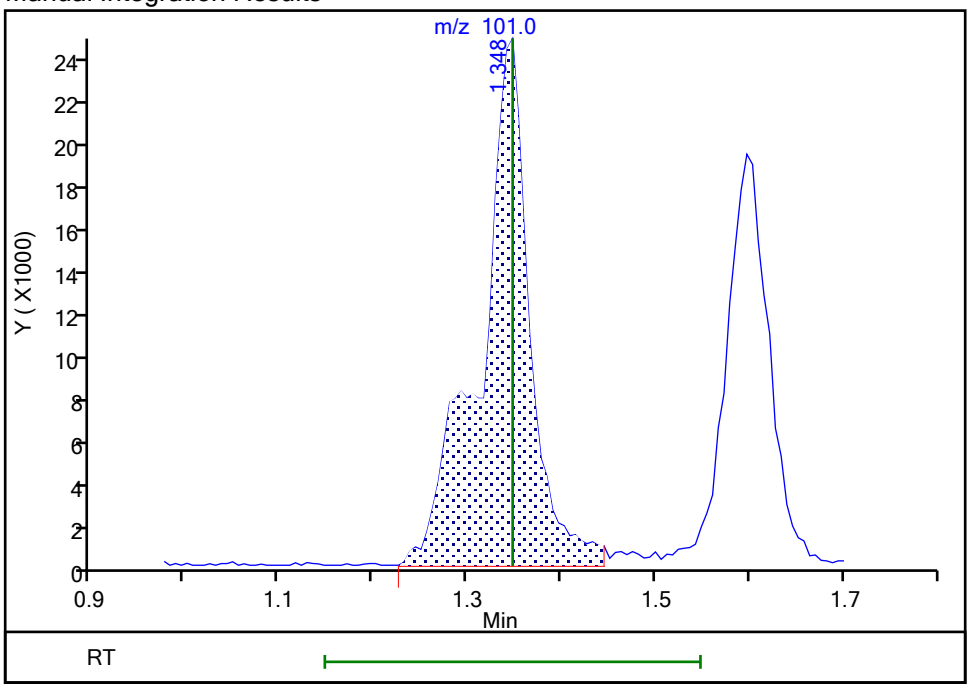
Processing Integration Results

RT: 1.35
Area: 65053
Amount: 14.025283
Amount Units: ug/l



Manual Integration Results

RT: 1.35
Area: 89687
Amount: 19.336319
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:56:10 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

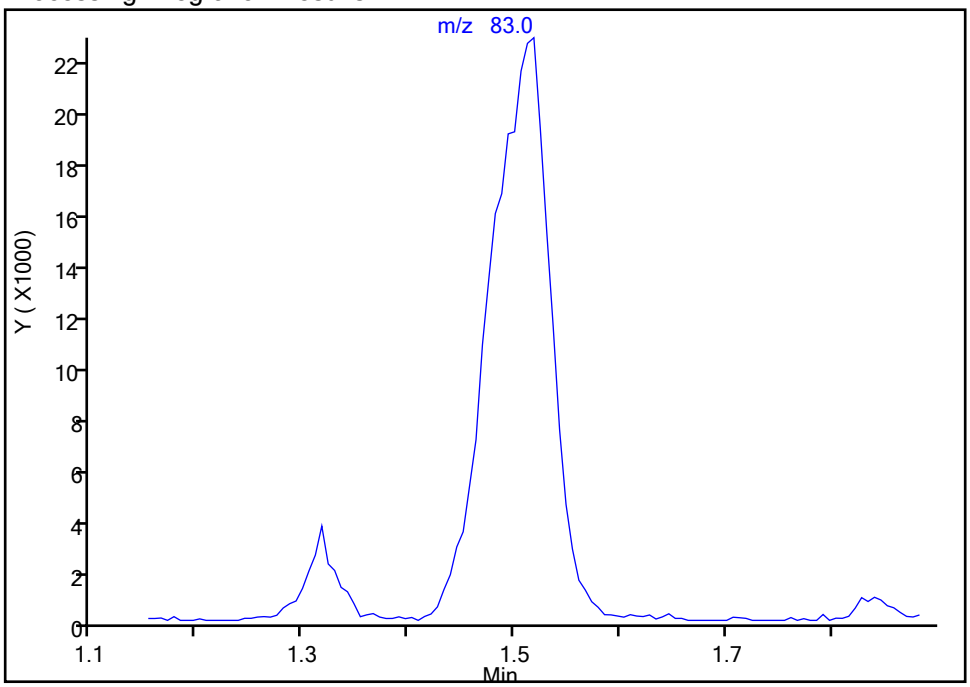
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

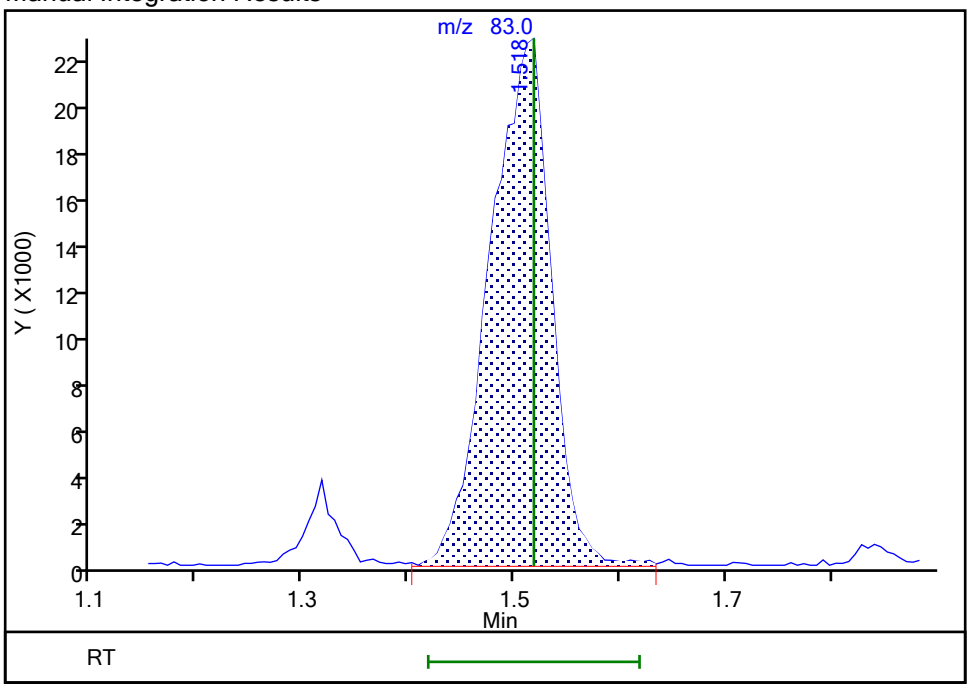
Not Detected
Expected RT: 1.52

Processing Integration Results



Manual Integration Results

RT: 1.52
Area: 89149
Amount: 21.054620
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:56:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

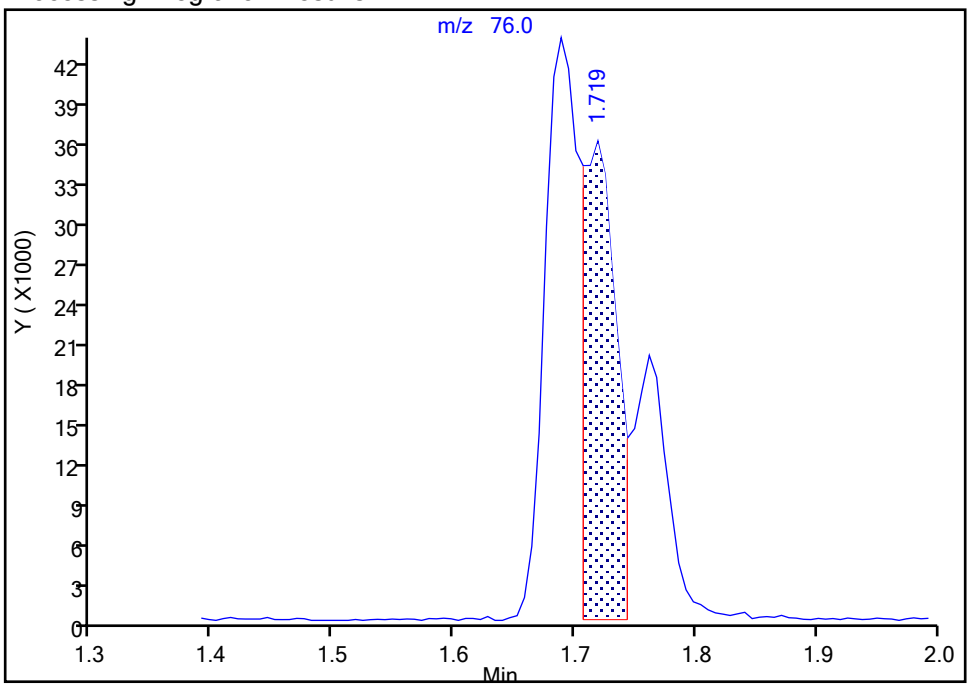
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

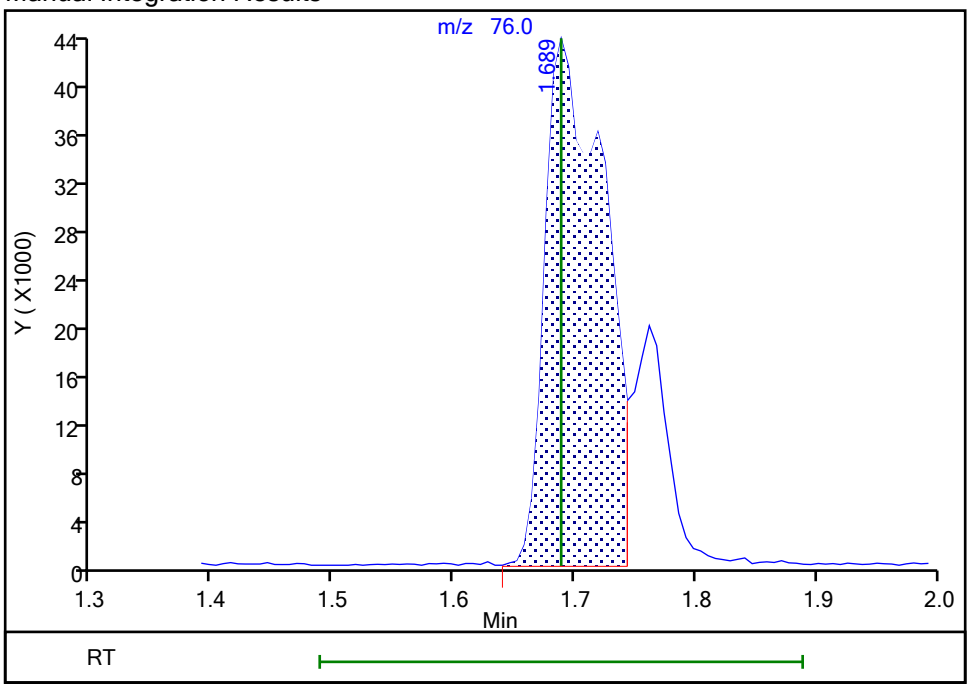
Processing Integration Results

RT: 1.72
Area: 71818
Amount: 6.921183
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 149541
Amount: 14.411438
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:42:58 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

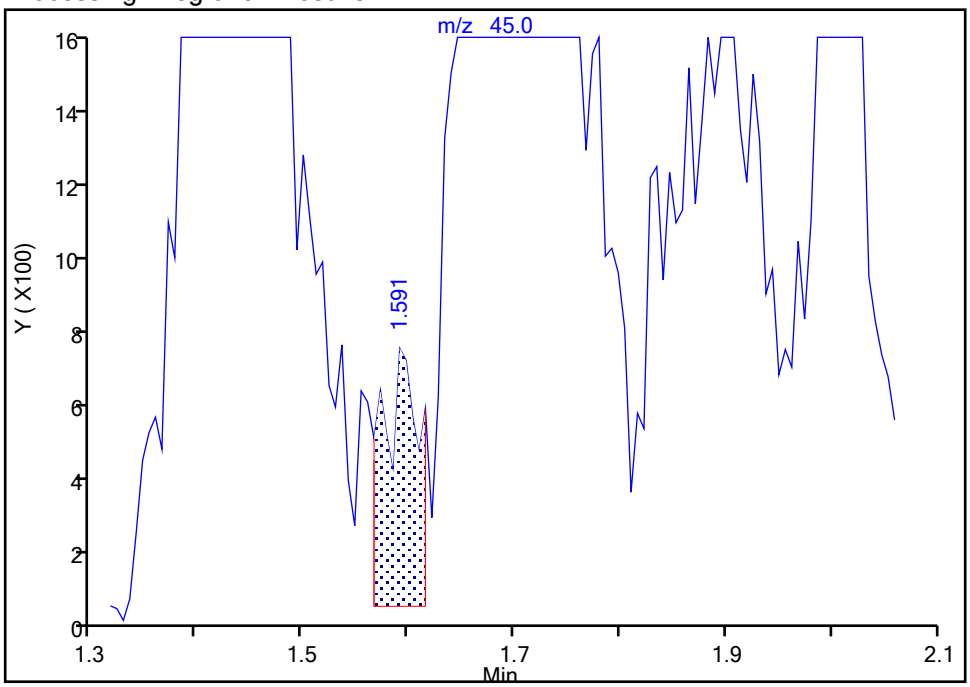
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

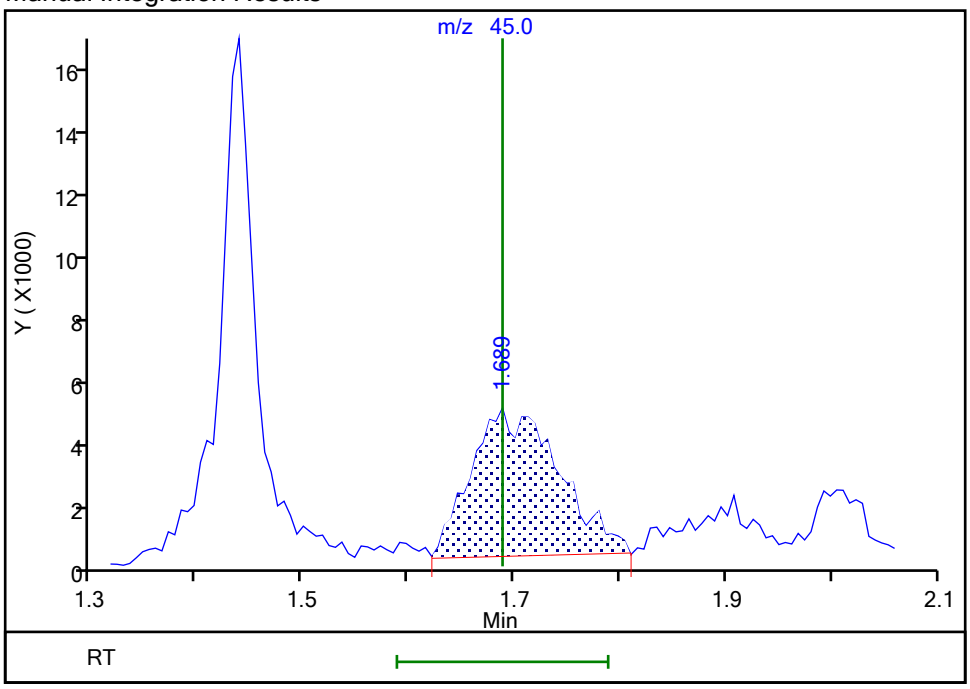
Processing Integration Results

RT: 1.59
Area: 1623
Amount: 11.793536
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 26153
Amount: 190.0409
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:43:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

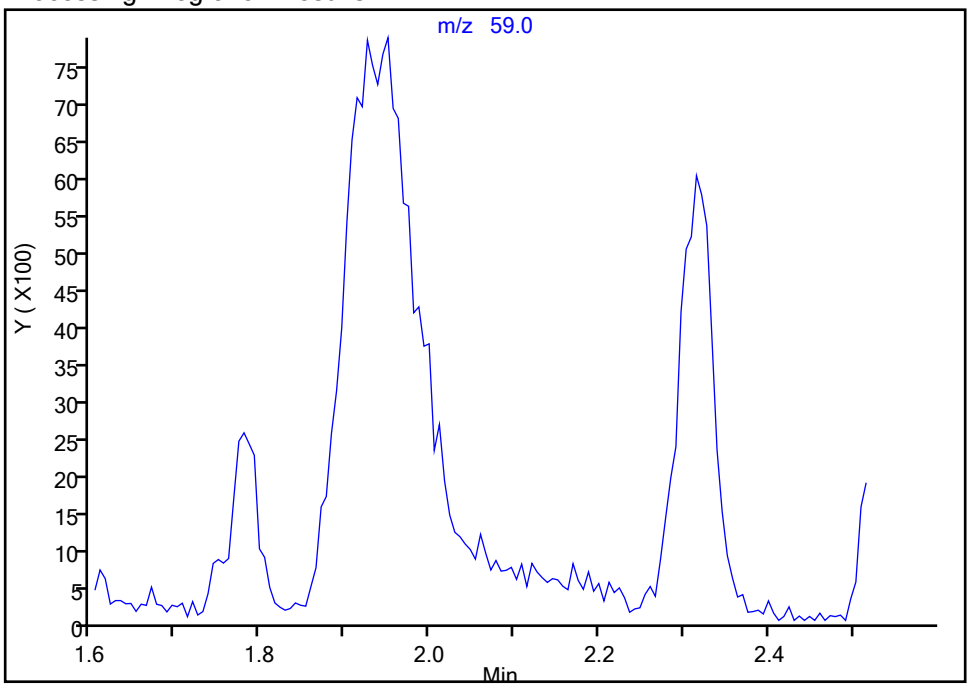
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

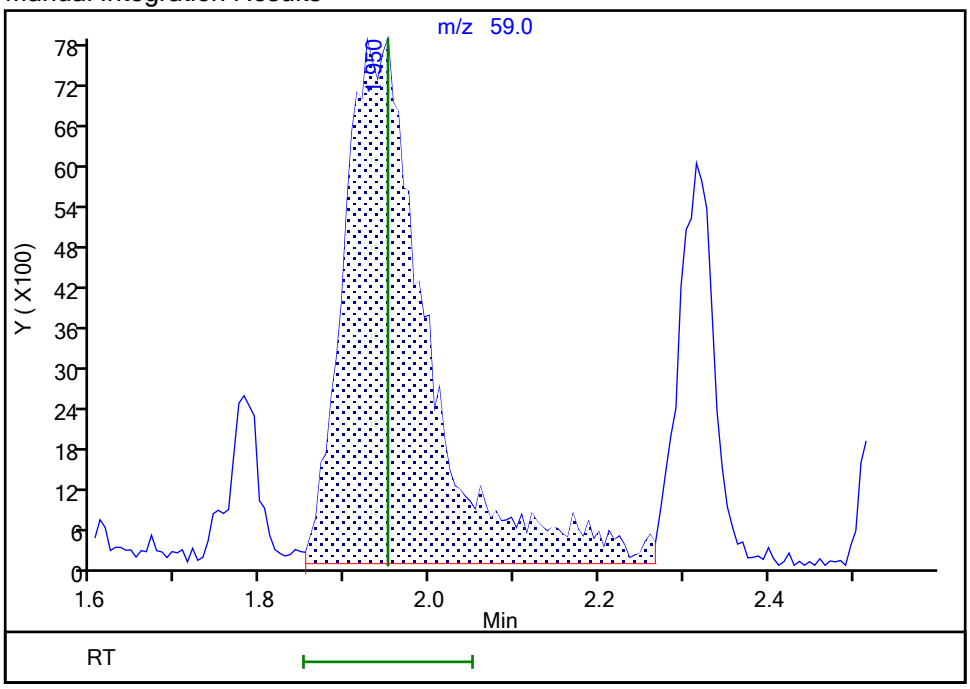
Not Detected
Expected RT: 1.95

Processing Integration Results



Manual Integration Results

RT: 1.95
Area: 54373
Amount: 163.2895
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:56:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

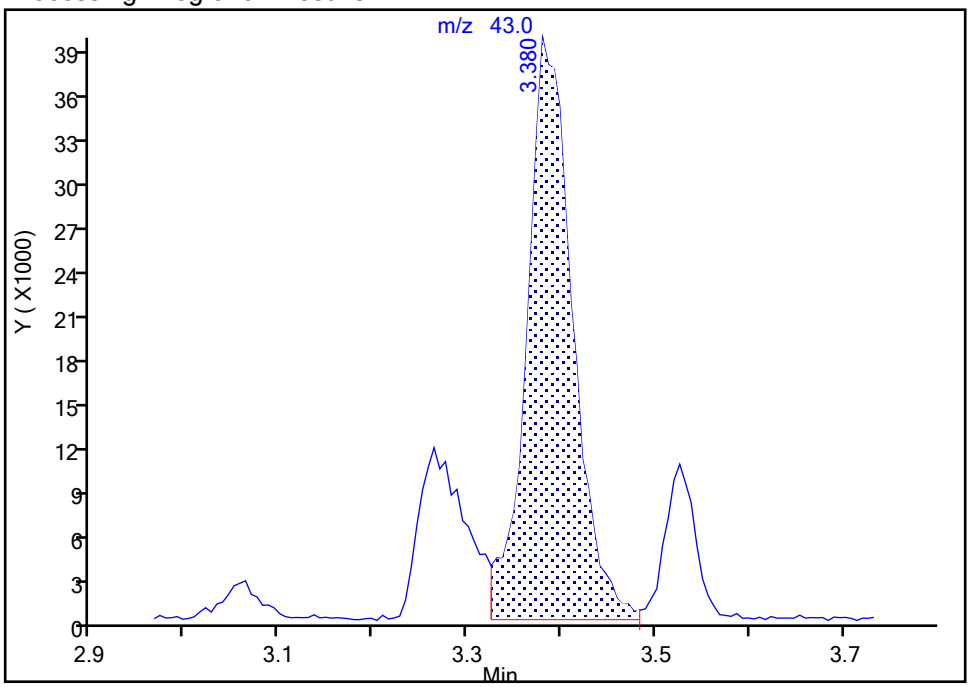
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

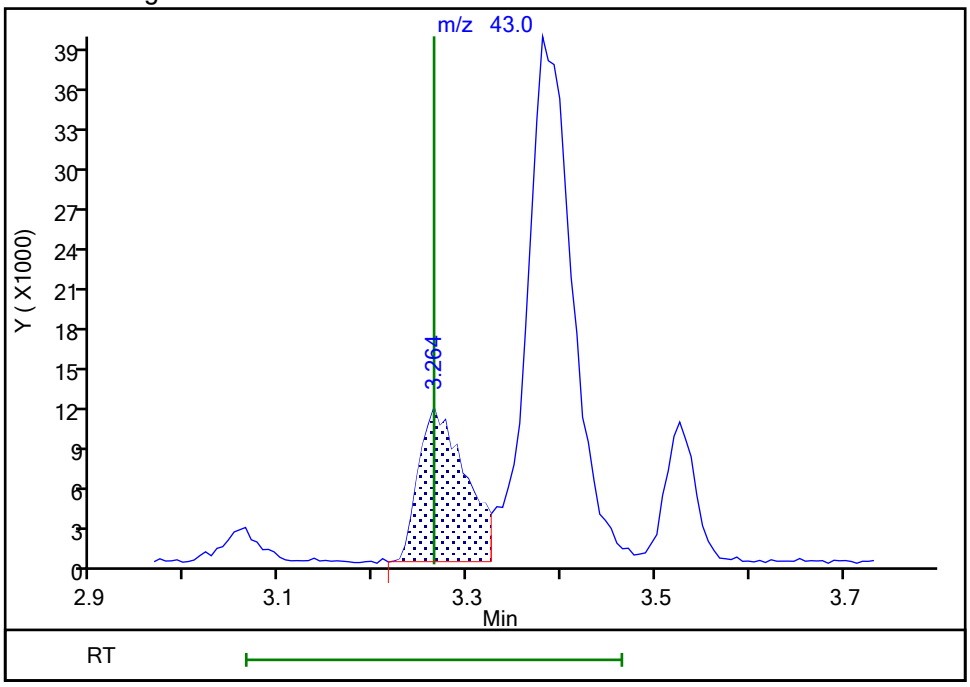
Processing Integration Results

RT: 3.38
Area: 133544
Amount: 1539.7384
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 40386
Amount: 465.6433
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:43:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

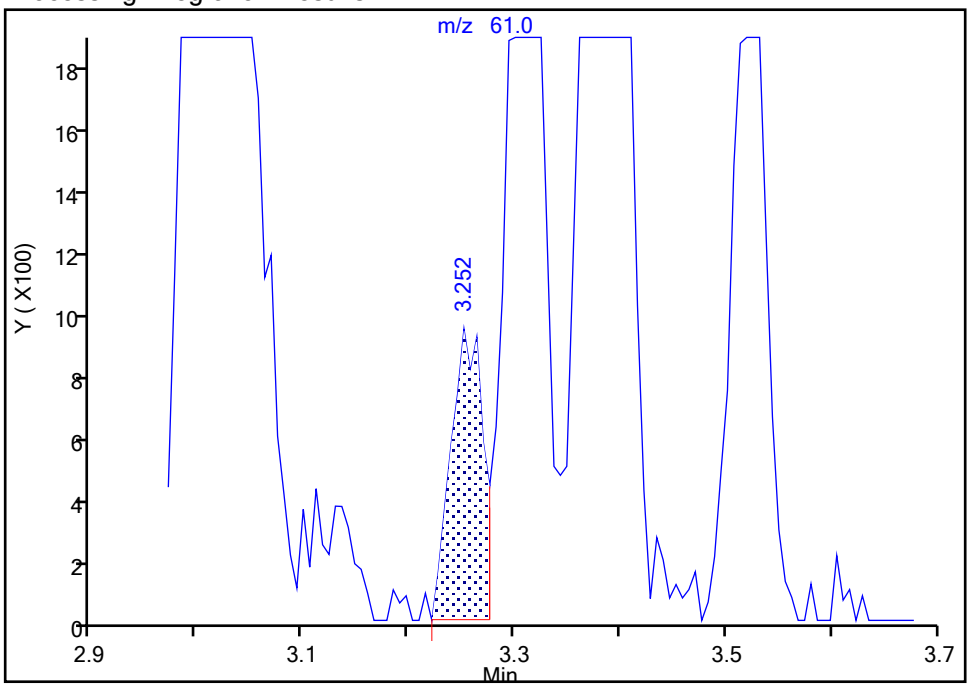
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

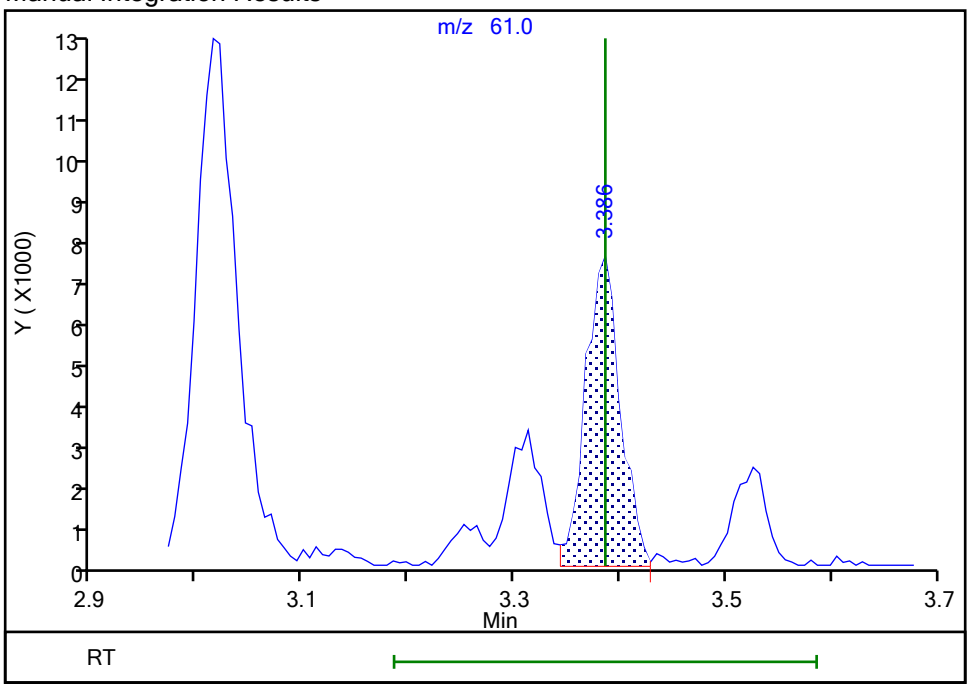
Processing Integration Results

RT: 3.25
Area: 1993
Amount: 2.435832
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 16113
Amount: 19.693204
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:56:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

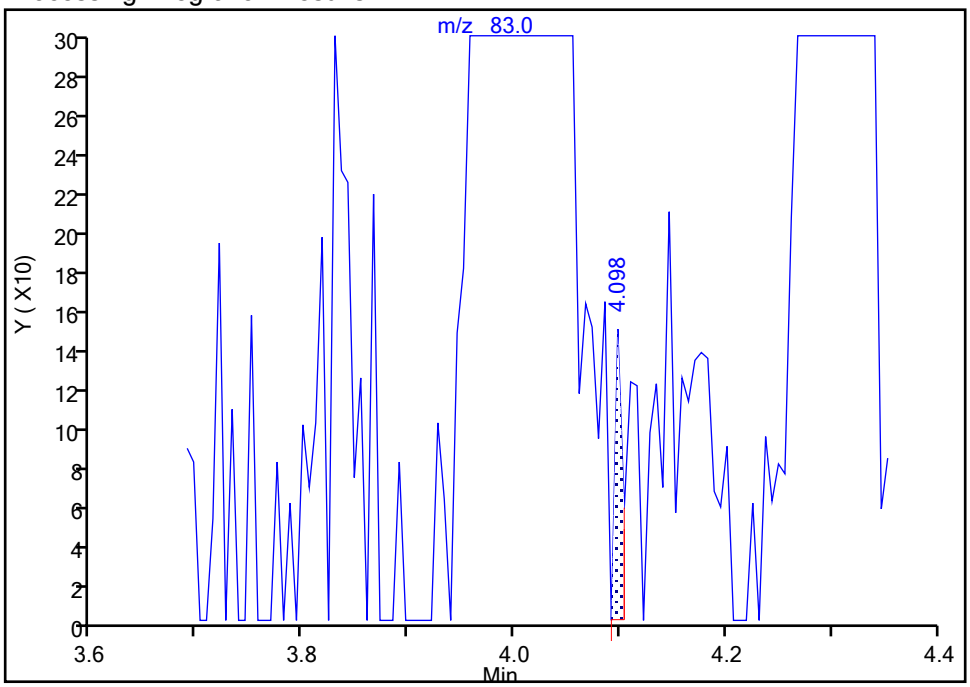
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73638.D
Injection Date: 20-Nov-2023 19:31:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

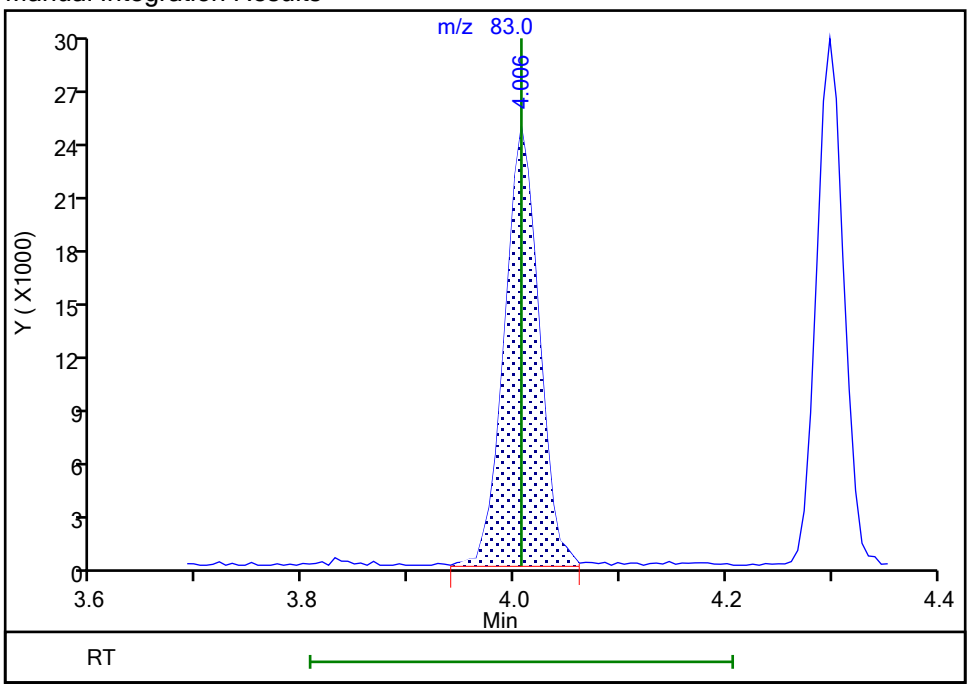
Processing Integration Results

RT: 4.10
Area: 75
Amount: 0.020790
Amount Units: ug/l



Manual Integration Results

RT: 4.01
Area: 55626
Amount: 15.419313
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 19:56:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945897/5 Calibration Date: 11/21/2023 07:30

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73664.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1610		33.5	20.0	67.6*	20.0
Chlorodifluoromethane	Ave	0.7111	0.9112		25.6	20.0	28.1*	20.0
Dichlorodifluoromethane	Ave	0.4974	0.4284	0.1000	17.2	20.0	-13.9	20.0
Chloromethane	QuaF		0.9395	0.1000	14.4	20.0	-27.9*	20.0
Vinyl chloride	Ave	0.4510	0.3651	0.1000	16.2	20.0	-19.0	20.0
Butadiene	Ave	0.3946	0.2976		15.1	20.0	-24.6*	20.0
Bromomethane	Ave	0.4038	0.2888	0.1000	14.3	20.0	-28.5	50.0
Chloroethane	Ave	0.2741	0.2259	0.1000	16.5	20.0	-17.6	50.0
Dichlorofluoromethane	Ave	0.8003	0.8129		20.3	20.0	1.6	20.0
Pentane	Ave	5.531	6.146		44.4	40.0	11.1	20.0
Trichlorofluoromethane	Ave	0.5839	0.4731	0.1000	16.2	20.0	-19.0	20.0
Ethanol	Ave	0.1196	0.1374		919	800	14.9	50.0
Ethyl ether	Lin2		0.2034		22.1	20.0	10.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2929		22.9	20.0	14.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3528		20.7	20.0	3.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.5971		22.4	20.0	12.0	20.0
Acrolein	Ave	5.285	6.002		45.4	40.0	13.6	50.0
1,1-Dichloroethene	Ave	0.3431	0.3515	0.1000	20.5	20.0	2.4	20.0
Acetone	Ave	0.3101	0.3175	0.0500	102	100	2.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.4192	0.1000	22.3	20.0	11.5	20.0
Iodomethane	Ave	0.6864	0.6808		19.8	20.0	-0.8	20.0
Isopropyl alcohol	Ave	1.649	1.714		208	200	3.9	50.0
Carbon disulfide	Ave	1.306	1.310	0.1000	20.1	20.0	0.3	50.0
3-Chloro-1-propene	Ave	0.2731	0.3252		23.8	20.0	19.1	20.0
Acetonitrile	Ave	3.489	3.281		188	200	-5.9	20.0
Methyl acetate	Ave	6.664	6.900	0.1000	41.4	40.0	3.5	20.0
Cyclopentene	Ave	0.6476	0.7019		21.7	20.0	8.4	20.0
Methylene Chloride	Ave	0.3955	0.4229	0.1000	21.4	20.0	6.9	20.0
2-Methyl-2-propanol	Ave	3.991	4.040		202	200	1.2	50.0
Acrylonitrile	Ave	0.1195	0.1429		239	200	19.6	20.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3587	0.1000	21.1	20.0	5.5	20.0
Methyl tert-butyl ether	Ave	0.9559	1.017	0.1000	21.3	20.0	6.3	20.0
Hexane	Ave	0.1601	0.1854		23.2	20.0	15.8	20.0
1,1-Dichloroethane	Ave	0.5742	0.6198	0.2000	21.6	20.0	7.9	20.0
Vinyl acetate	Ave	0.5005	0.4116		32.9	40.0	-17.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.2991		21.0	20.0	5.0	20.0
Isopropyl ether	Ave	0.8715	0.9694		22.2	20.0	11.2	20.0
Tert-butyl ethyl ether	Ave	0.8676	1.031		23.8	20.0	18.8	20.0
cis-1,2-Dichloroethene	Ave	0.3746	0.3822	0.1000	20.4	20.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945897/5 Calibration Date: 11/21/2023 07:30

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73664.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.3313	0.3087	0.0500	93.2	100	-6.8	50.0
2,2-Dichloropropane	Lin2		0.1735		20.4	20.0	2.1	20.0
Ethyl acetate	Ave	0.2548	0.2475		38.8	40.0	-2.9	20.0
Methyl acrylate	Ave	0.3142	0.3232		20.6	20.0	2.8	20.0
Propionitrile	Ave	4.782	5.170		216	200	8.1	20.0
Methacrylonitrile	Ave	0.1195	0.1350		226	200	12.9	20.0
Chlorobromomethane	Ave	0.1940	0.2002		20.6	20.0	3.2	20.0
Tetrahydrofuran	Ave	0.3569	0.3481		39.0	40.0	-2.5	20.0
Chloroform	Ave	0.5493	0.5847	0.2000	21.3	20.0	6.4	20.0
1,1,1-Trichloroethane	Ave	0.5188	0.5187	0.1000	20.0	20.0	-0.0	20.0
Cyclohexane	Ave	0.4623	0.4758	0.1000	20.6	20.0	2.9	50.0
1,1-Dichloropropene	Ave	0.3884	0.3808		19.6	20.0	-1.9	20.0
Carbon tetrachloride	Ave	0.4408	0.4196	0.1000	19.0	20.0	-4.8	20.0
Isobutyl alcohol	Ave	1.039	1.105		532	500	6.3	50.0
Benzene	Ave	1.521	1.739	0.5000	22.9	20.0	14.4	20.0
1,2-Dichloroethane	Ave	0.3737	0.3654	0.1000	19.6	20.0	-2.2	20.0
Isooctane	Ave	0.6027	0.6722		22.3	20.0	11.5	20.0
Isopropyl acetate	Ave	0.1030	0.1127		21.9	20.0	9.4	20.0
Tert-amyl methyl ether	Ave	0.9261	0.9428		20.4	20.0	1.8	20.0
n-Heptane	Ave	0.2090	0.2161		20.7	20.0	3.4	20.0
n-Butanol	Ave	0.6834	0.6092		446	500	-10.9	50.0
Trichloroethene	Ave	0.2897	0.2816	0.2000	19.4	20.0	-2.8	20.0
Ethyl acrylate	QuaF		0.0241		23.3	20.0	16.4	20.0
Methylcyclohexane	Ave	0.4542	0.4582	0.1000	20.2	20.0	0.9	50.0
1,2-Dichloropropane	Ave	0.2876	0.3054	0.1000	21.2	20.0	6.2	20.0
Dibromomethane	Ave	0.1952	0.1932		19.8	20.0	-1.0	20.0
1,4-Dioxane	Ave	1.140	1.223		429	400	7.3	50.0
Methyl methacrylate	Ave	0.0707	0.0653		37.0	40.0	-7.6	20.0
n-Propyl acetate	Ave	0.2957	0.3135		21.2	20.0	6.0	20.0
Bromodichloromethane	Ave	0.3619	0.3596	0.2000	19.9	20.0	-0.6	20.0
2-Nitropropane	Ave	6.072	5.167		34.0	40.0	-14.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1262		19.4	20.0	-3.1	20.0
Epichlorohydrin	Ave	0.2147	0.2073		386	400	-3.5	20.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5824	0.2000	21.9	20.0	9.5	50.0
methyl isobutyl ketone	Ave	2.061	1.942	0.0500	94.2	100	-5.8	50.0
Toluene	Ave	1.474	1.576	0.4000	21.4	20.0	6.9	20.0
trans-1,3-Dichloropropene	Ave	0.4661	0.4978	0.1000	21.4	20.0	6.8	50.0
Ethyl methacrylate	Ave	0.2919	0.2592		17.8	20.0	-11.2	20.0
1,1,2-Trichloroethane	Ave	0.2763	0.3295	0.1000	23.9	20.0	19.3	20.0
Tetrachloroethene	Ave	0.3514	0.3634	0.2000	20.7	20.0	3.4	20.0
1,3-Dichloropropane	Ave	0.5203	0.5547		21.3	20.0	6.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945897/5 Calibration Date: 11/21/2023 07:30

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73664.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7532	0.6841	0.0500	90.8	100	-9.2	50.0
Dibromochloromethane	Ave	0.3479	0.3606	0.1000	20.7	20.0	3.7	50.0
n-Butyl acetate	Ave	0.3829	0.4247		22.2	20.0	10.9	20.0
Ethylene Dibromide	Ave	0.3377	0.3664	0.1000	21.7	20.0	8.5	20.0
Chlorobenzene	Ave	0.9453	0.9884	0.5000	20.9	20.0	4.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4137	0.4226		20.4	20.0	2.2	20.0
Ethylbenzene	Ave	0.4748	0.4928	0.1000	20.8	20.0	3.8	20.0
m-Xylene & p-Xylene	Ave	0.5697	0.5824	0.1000	20.4	20.0	2.2	20.0
o-Xylene	Ave	0.5974	0.5795	0.3000	19.4	20.0	-3.0	20.0
Styrene	Ave	0.8939	0.8904	0.3000	19.9	20.0	-0.4	20.0
n-Butyl acrylate	Ave	0.2150	0.2447		22.8	20.0	13.8	20.0
Bromoform	Ave	0.4284	0.4226	0.1000	19.7	20.0	-1.4	20.0
Amyl acetate (mixed isomers)	Ave	0.7955	0.8023		20.2	20.0	0.9	20.0
Isopropylbenzene	Ave	1.514	1.579	0.1000	20.9	20.0	4.3	20.0
Bromobenzene	Ave	0.7285	0.7609		20.9	20.0	4.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8614	1.006	0.3000	23.4	20.0	16.8	20.0
1,2,3-Trichloropropane	Ave	0.2361	0.2552		21.6	20.0	8.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1948	0.2178		22.4	20.0	11.8	20.0
N-Propylbenzene	Ave	3.166	3.340		21.1	20.0	5.5	20.0
2-Chlorotoluene	Ave	1.928	2.074		21.5	20.0	7.6	20.0
4-Ethyltoluene	Ave	2.455	2.556		20.8	20.0	4.1	20.0
4-Chlorotoluene	Ave	2.025	2.129		21.0	20.0	5.1	20.0
1,3,5-Trimethylbenzene	Ave	2.285	2.430		21.3	20.0	6.3	20.0
Butyl Methacrylate	QuaF		0.6587		18.2	20.0	-8.9	20.0
tert-Butylbenzene	Ave	1.825	1.760		19.3	20.0	-3.5	20.0
1,2,4-Trimethylbenzene	Ave	2.299	2.439		21.2	20.0	6.1	20.0
sec-Butylbenzene	Ave	2.721	2.823		20.8	20.0	3.8	20.0
1,3-Dichlorobenzene	Ave	1.346	1.450	0.6000	21.6	20.0	7.8	20.0
1,4-Dichlorobenzene	Ave	1.405	1.481	0.5000	21.1	20.0	5.4	20.0
4-Isopropyltoluene	Ave	2.379	2.417		20.3	20.0	1.6	20.0
1,2,3-Trimethylbenzene	Ave	2.578	2.759		21.4	20.0	7.0	20.0
Benzyl chloride	Ave	0.2945	0.3154		21.4	20.0	7.1	50.0
Indan	Ave	2.376	2.516		21.2	20.0	5.9	20.0
1,2-Dichlorobenzene	Ave	1.400	1.437	0.4000	20.5	20.0	2.6	20.0
p-Diethylbenzene	Ave	1.324	1.386		20.9	20.0	4.6	20.0
n-Butylbenzene	Ave	1.150	1.290		22.4	20.0	12.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1922	0.1903	0.0500	19.8	20.0	-0.9	50.0
1,2,4,5-Tetramethylbenzene	QuaF		1.822		14.6	20.0	-27.0*	20.0
1,3,5-Trichlorobenzene	Ave	0.9845	0.9928		20.2	20.0	0.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8477	0.8461	0.2000	20.0	20.0	-0.2	20.0
Hexachlorobutadiene	Ave	0.2632	0.2390		18.2	20.0	-9.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945897/5 Calibration Date: 11/21/2023 07:30

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73664.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	QuaF		2.313		21.8	20.0	9.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7981	0.8580		21.5	20.0	7.5	20.0
Dibromofluoromethane (Surr)	Ave	0.3142	0.3041		48.4	50.0	-3.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3071	0.2806		45.7	50.0	-8.6	20.0
Toluene-d8 (Surr)	Ave	1.279	1.350		52.8	50.0	5.6	20.0
4-Bromofluorobenzene	Ave	0.3589	0.4185		58.3	50.0	16.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 21-Nov-2023 07:30:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0169172-005
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub19

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 13:38:41 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 21-Nov-2023 11:14:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.831	0.000	48	25346	20.0	33.5	
6 Chlorodifluoromethane	51	0.843	0.843	0.000	95	143475	20.0	25.6	
5 Dichlorodifluoromethane	85	0.849	0.849	0.000	46	67458	20.0	17.2	
7 Chloromethane	52	0.953	0.953	0.000	99	18265	20.0	14.4	
8 Vinyl chloride	62	0.995	0.995	0.000	94	57490	20.0	16.2	
9 Butadiene	54	1.013	1.013	0.000	93	46857	20.0	15.1	
10 Bromomethane	94	1.172	1.172	0.000	99	45468	20.0	14.3	
11 Chloroethane	64	1.184	1.184	0.000	99	35567	20.0	16.5	
12 Dichlorofluoromethane	67	1.311	1.311	0.000	98	127994	20.0	20.3	
14 Pentane	72	1.318	1.318	0.000	97	19157	40.0	44.4	
13 Trichlorofluoromethane	101	1.336	1.336	0.000	97	74490	20.0	16.2	M
15 Ethanol	46	1.427	1.427	0.000	72	8567	800.0	919.0	
16 Ethyl ether	74	1.433	1.433	0.000	97	32027	20.0	22.1	
17 2-Methyl-1,3-butadiene	53	1.445	1.445	0.000	94	46126	20.0	22.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.476	1.476	0.000	94	55548	20.0	20.7	
20 Acrolein	56	1.506	1.506	0.000	49	18709	40.0	45.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.506	0.000	94	94015	20.0	22.4	a
22 1,1-Dichloroethene	96	1.561	1.561	0.000	97	55344	20.0	20.5	
23 Acetone	58	1.585	1.585	0.000	87	30864	100.0	102.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.591	1.591	0.000	85	66006	20.0	22.3	
24 Iodomethane	142	1.652	1.652	0.000	97	107194	20.0	19.8	
25 Isopropyl alcohol	45	1.676	1.676	0.000	36	26714	200.0	207.9	a
26 Carbon disulfide	76	1.713	1.713	0.000	98	206295	20.0	20.1	M
30 Acetonitrile	39	1.756	1.756	0.000	77	51140	200.0	188.1	
27 3-Chloro-1-propene	76	1.756	1.756	0.000	92	51204	20.0	23.8	
28 Methyl acetate	74	1.774	1.774	0.000	98	21508	40.0	41.4	
29 Cyclopentene	67	1.804	1.804	0.000	95	110510	20.0	21.7	
32 Methylene Chloride	84	1.835	1.835	0.000	90	66590	20.0	21.4	
* 31 TBA-d9 (IS)	46	1.877	1.877	0.000	99	77929	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.926	1.926	0.000	91	62962	200.0	202.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.981	1.981	0.000	96	225078	200.0	239.3	
35 trans-1,2-Dichloroethene	96	1.987	1.987	0.000	91	56473	20.0	21.1	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	96	160060	20.0	21.3	
37 Hexane	56	2.151	2.151	0.000	92	29195	20.0	23.2	
39 1,1-Dichloroethane	63	2.248	2.248	0.000	100	97591	20.0	21.6	
40 Vinyl acetate	86	2.297	2.297	0.000	99	16002	40.0	32.9	a
38 Isopropyl ether	45	2.309	2.309	0.000	95	152638	20.0	22.2	
41 2-Chloro-1,3-butadiene	88	2.309	2.309	0.000	83	47094	20.0	21.0	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	90	162314	20.0	23.8	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	99	243008	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	97	60175	20.0	20.4	
46 2-Butanone (MEK)	72	2.650	2.650	0.000	90	30003	100.0	93.2	
44 2,2-Dichloropropane	79	2.656	2.656	0.000	46	27316	20.0	20.4	a
47 Ethyl acetate	70	2.686	2.686	0.000	98	9623	40.0	38.8	
49 Propionitrile	54	2.711	2.711	0.000	85	80577	200.0	216.2	
48 Methyl acrylate	55	2.711	2.711	0.000	97	50885	20.0	20.6	
52 Methacrylonitrile	67	2.808	2.808	0.000	87	212502	200.0	225.8	
51 Chlorobromomethane	128	2.814	2.814	0.000	81	31520	20.0	20.6	
50 Tetrahydrofuran	72	2.845	2.845	0.000	74	13535	40.0	39.0	
53 Chloroform	83	2.881	2.881	0.000	100	92062	20.0	21.3	
$ 56 Dibromofluoromethane (Surr)	113	2.997	2.997	0.000	96	119711	50.0	48.4	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	98	81664	20.0	20.0	
54 Cyclohexane	84	3.057	3.057	0.000	89	74924	20.0	20.6	
58 1,1-Dichloropropene	75	3.130	3.130	0.000	98	59966	20.0	19.6	
57 Carbon tetrachloride	117	3.137	3.137	0.000	90	66066	20.0	19.0	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	110457	50.0	45.7	
59 Isobutyl alcohol	43	3.270	3.270	0.000	32	43070	500.0	531.7	a
61 Benzene	78	3.289	3.289	0.000	93	188255	20.0	22.9	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	97	57527	20.0	19.6	
60 Isooctane	57	3.362	3.362	0.000	92	105845	20.0	22.3	
64 Isopropyl acetate	61	3.380	3.380	0.000	92	17743	20.0	21.9	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	96	148441	20.0	20.4	
66 n-Heptane	43	3.514	3.514	0.000	41	34019	20.0	20.7	
* 67 Fluorobenzene	96	3.520	3.520	0.000	98	393637	50.0	50.0	
68 n-Butanol	56	3.824	3.824	0.000	44	23739	500.0	445.7	a
69 Trichloroethene	95	3.830	3.830	0.000	98	44341	20.0	19.4	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	3799	20.0	23.3	
71 Methylcyclohexane	83	4.000	4.000	0.000	92	72151	20.0	20.2	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	96	48086	20.0	21.2	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	59	21770	1000.0	1000.0	
76 Dibromomethane	93	4.128	4.128	0.000	96	30417	20.0	19.8	
75 1,4-Dioxane	88	4.171	4.171	0.000	31	10653	400.0	429.2	
74 Methyl methacrylate	100	4.171	4.171	0.000	84	20563	40.0	37.0	
77 n-Propyl acetate	43	4.244	4.244	0.000	97	49365	20.0	21.2	
78 Dichlorobromomethane	83	4.292	4.292	0.000	98	56628	20.0	19.9	
79 2-Nitropropane	41	4.524	4.524	0.000	100	16107	40.0	34.0	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	95	19914	20.0	19.4	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	80610	400.0	386.2	
82 cis-1,3-Dichloropropene	75	4.730	4.730	0.000	89	63027	20.0	21.9	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	95	188779	100.0	94.2	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	365316	50.0	52.8	
85 Toluene	91	5.065	5.065	0.000	92	170515	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.327	5.327	0.000	95	53872	20.0	21.4	
87 Ethyl methacrylate	69	5.467	5.467	0.000	87	40814	20.0	17.8	
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	98	35666	20.0	23.9	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	39332	20.0	20.7	
90 1,3-Dichloropropane	76	5.692	5.692	0.000	91	60029	20.0	21.3	
91 2-Hexanone	58	5.838	5.838	0.000	96	66496	100.0	90.8	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	39032	20.0	20.7	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	45966	20.0	22.2	
94 Ethylene Dibromide	107	6.038	6.038	0.000	100	39655	20.0	21.7	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	270568	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	106968	20.0	20.9	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	97	45740	20.0	20.4	
97 Ethylbenzene	106	6.793	6.793	0.000	98	53335	20.0	20.8	
99 m-Xylene & p-Xylene	106	6.939	6.939	0.000	0	63031	20.0	20.4	
100 o-Xylene	106	7.425	7.425	0.000	94	62721	20.0	19.4	
102 Styrene	104	7.450	7.450	0.000	96	96369	20.0	19.9	
101 n-Butyl acrylate	73	7.486	7.486	0.000	98	26479	20.0	22.8	
104 Bromoform	173	7.644	7.644	0.000	94	25419	20.0	19.7	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	92	48250	20.0	20.2	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	170878	20.0	20.9	
$ 106 4-Bromofluorobenzene	174	8.089	8.089	0.000	90	113223	50.0	58.3	
107 Bromobenzene	156	8.241	8.241	0.000	98	45763	20.0	20.9	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.338	0.000	99	60503	20.0	23.4	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	15350	20.0	21.6	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	92	13100	20.0	22.4	
109 N-Propylbenzene	91	8.454	8.454	0.000	99	200853	20.0	21.1	
112 2-Chlorotoluene	91	8.520	8.520	0.000	97	124765	20.0	21.5	
113 4-Ethyltoluene	105	8.618	8.618	0.000	98	153732	20.0	20.8	
115 4-Chlorotoluene	91	8.673	8.673	0.000	96	128026	20.0	21.0	
114 1,3,5-Trimethylbenzene	105	8.709	8.709	0.000	93	146149	20.0	21.3	
116 Butyl Methacrylate	87	8.934	8.934	0.000	88	39619	20.0	18.2	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	105881	20.0	19.3	
118 1,2,4-Trimethylbenzene	105	9.190	9.190	0.000	97	146685	20.0	21.2	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	169797	20.0	20.8	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	87213	20.0	21.6	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	150358	50.0	50.0	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	145343	20.0	20.3	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	94	89065	20.0	21.1	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	165933	20.0	21.4	
125 Benzyl chloride	126	9.762	9.762	0.000	99	18967	20.0	21.4	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	151318	20.0	21.2	
129 1,2-Dichlorobenzene	146	9.981	9.981	0.000	96	86405	20.0	20.5	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	83346	20.0	20.9	
128 n-Butylbenzene	92	10.029	10.029	0.000	97	77557	20.0	22.4	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	93	11447	20.0	19.8	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	98	109555	20.0	14.6	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	98	59710	20.0	20.2	
133 1,2,4-Trichlorobenzene	180	11.435	11.435	0.000	93	50890	20.0	20.0	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	87	14377	20.0	18.2	
135 Naphthalene	128	11.617	11.617	0.000	99	139090	20.0	21.8	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	51604	20.0	21.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	39.8	
S 139 Total BTEX	1				0		100.0	104.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

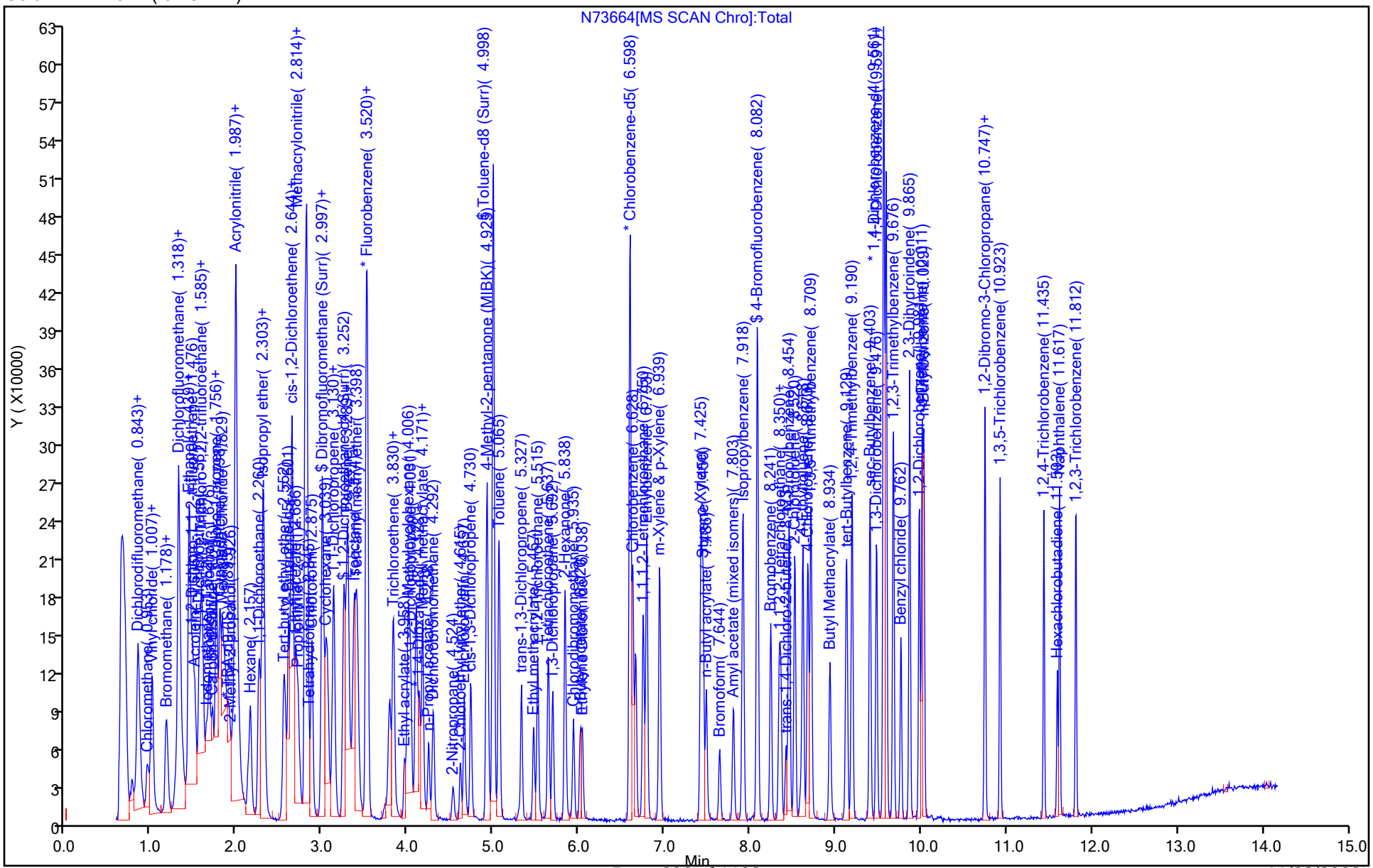
Report Date: 22-Nov-2023 13:38:43 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D

Injection Date:	21-Nov-2023 07:30:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison

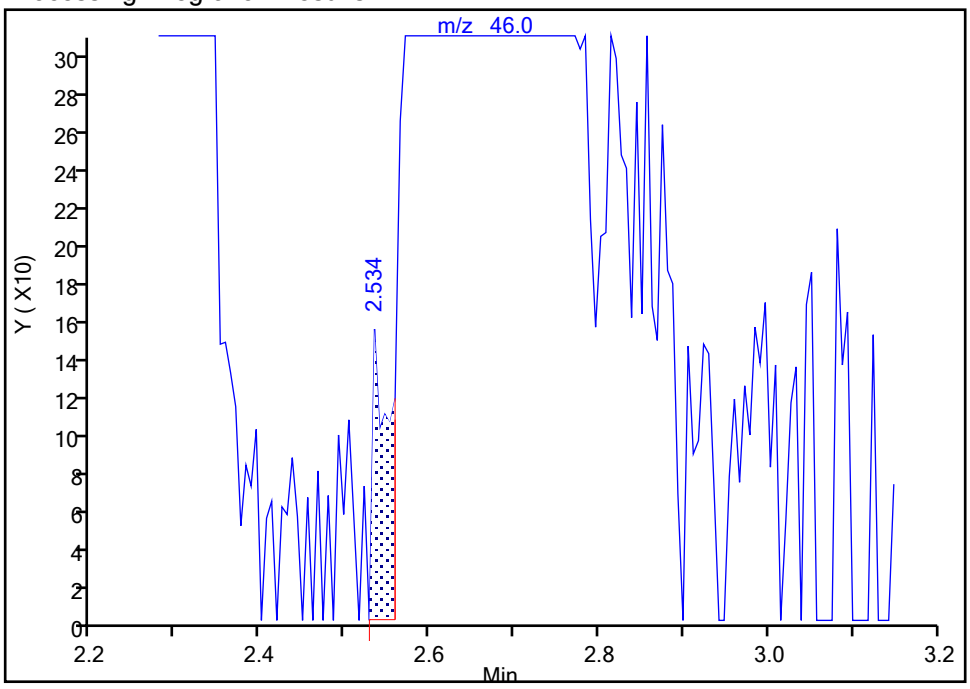
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

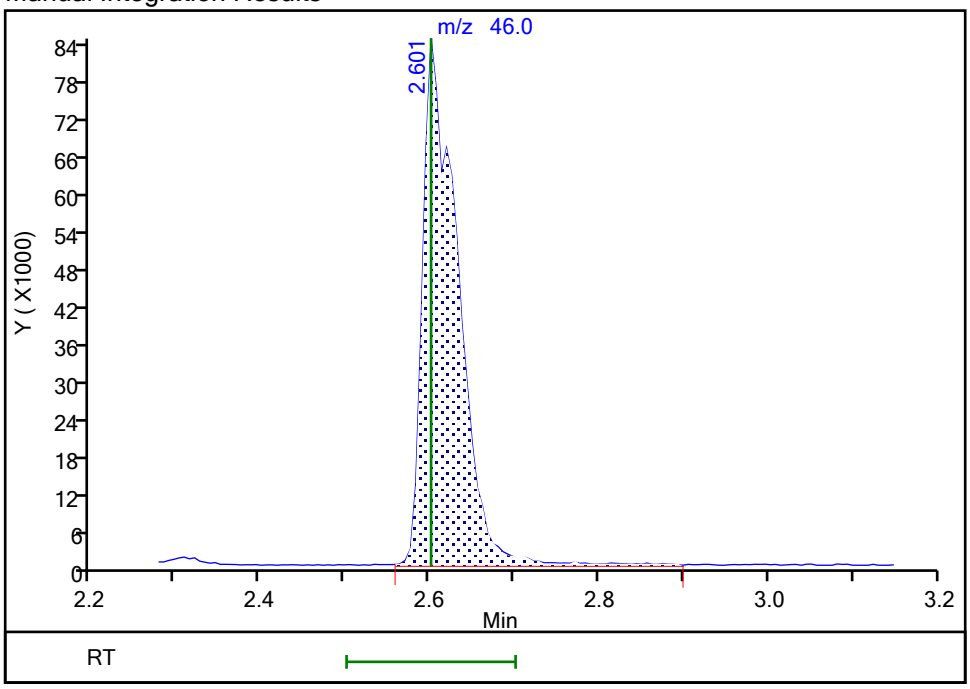
Processing Integration Results

RT: 2.53
Area: 214
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 243008
Amount: 250.0000
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:23:42 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

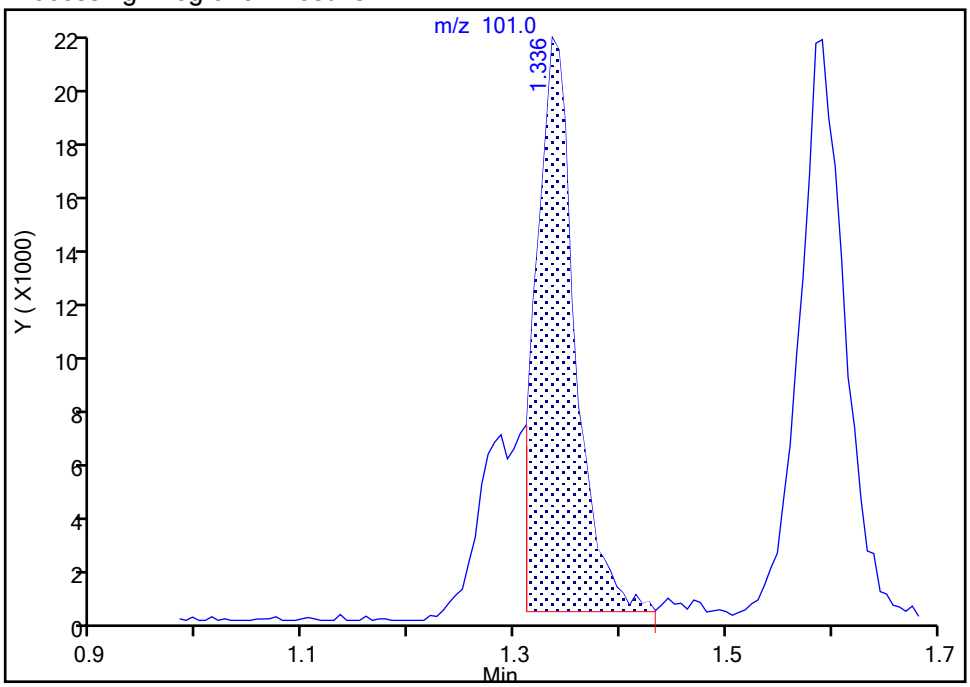
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

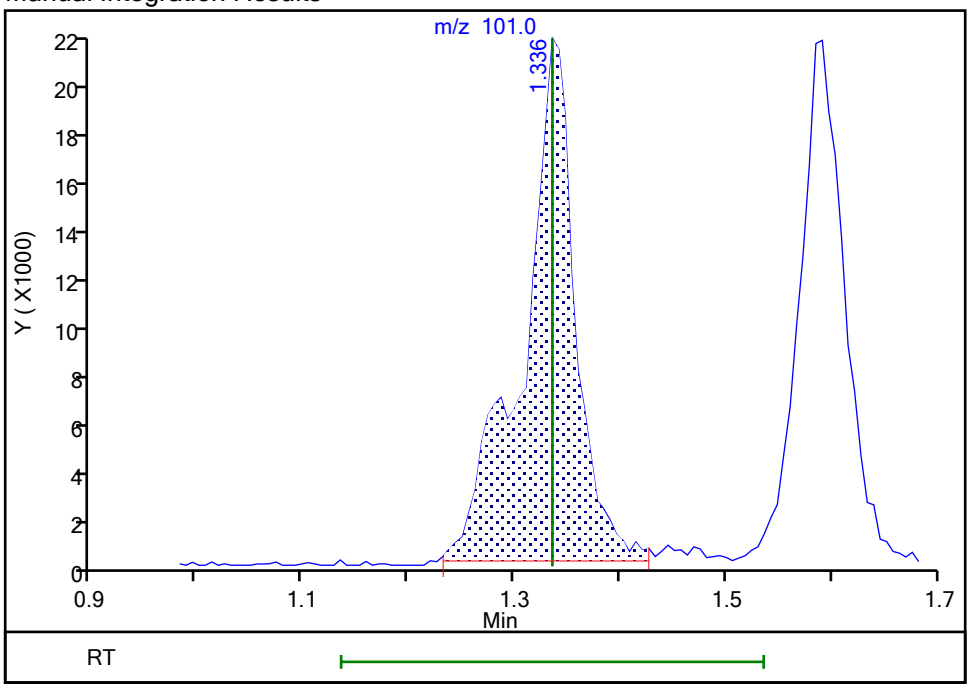
Processing Integration Results

RT: 1.34
Area: 54791
Amount: 11.918271
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 74490
Amount: 16.203246
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 10:15:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

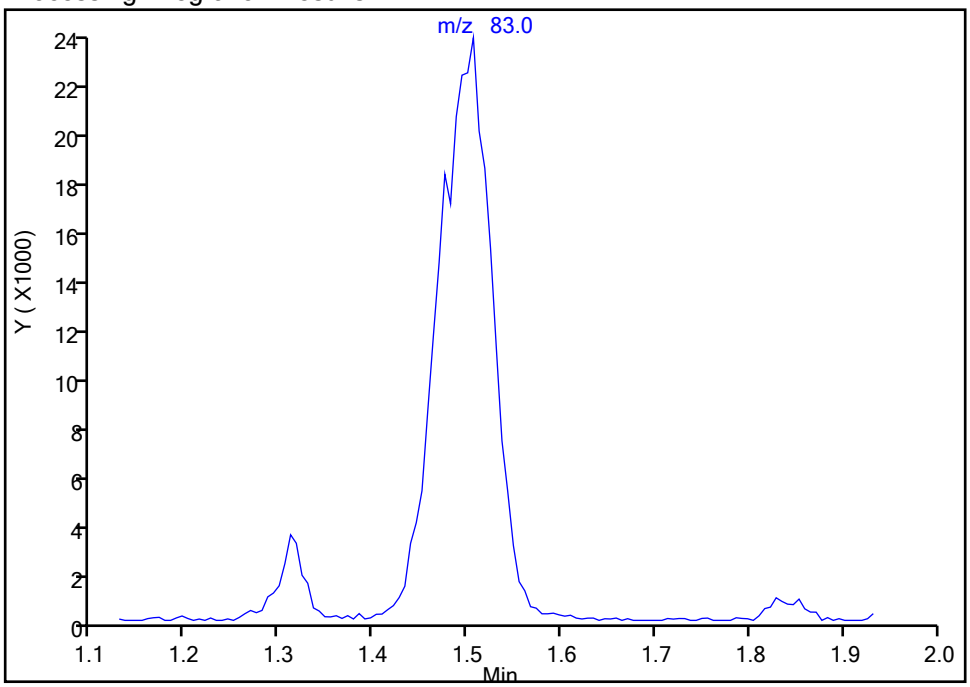
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

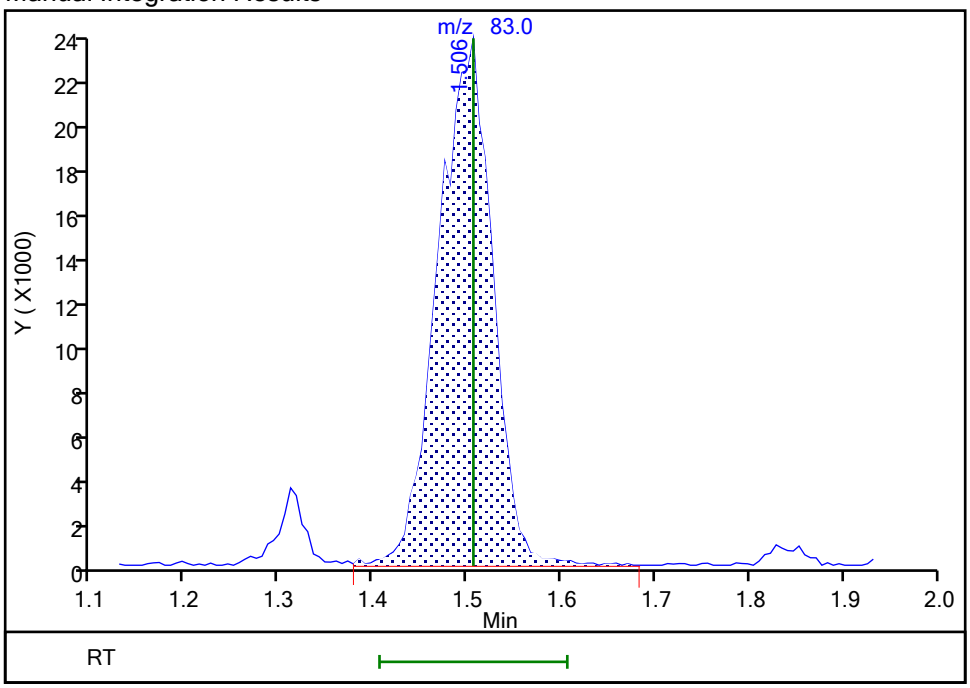
Not Detected
Expected RT: 1.51

Processing Integration Results



Manual Integration Results

RT: 1.51
Area: 94015
Amount: 22.402054
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:23:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

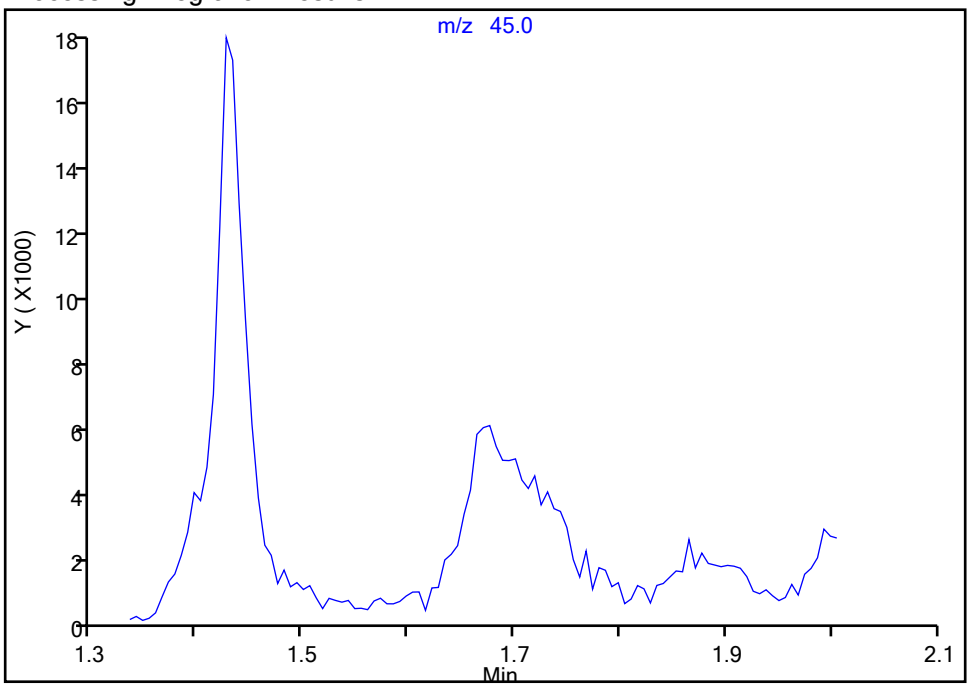
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

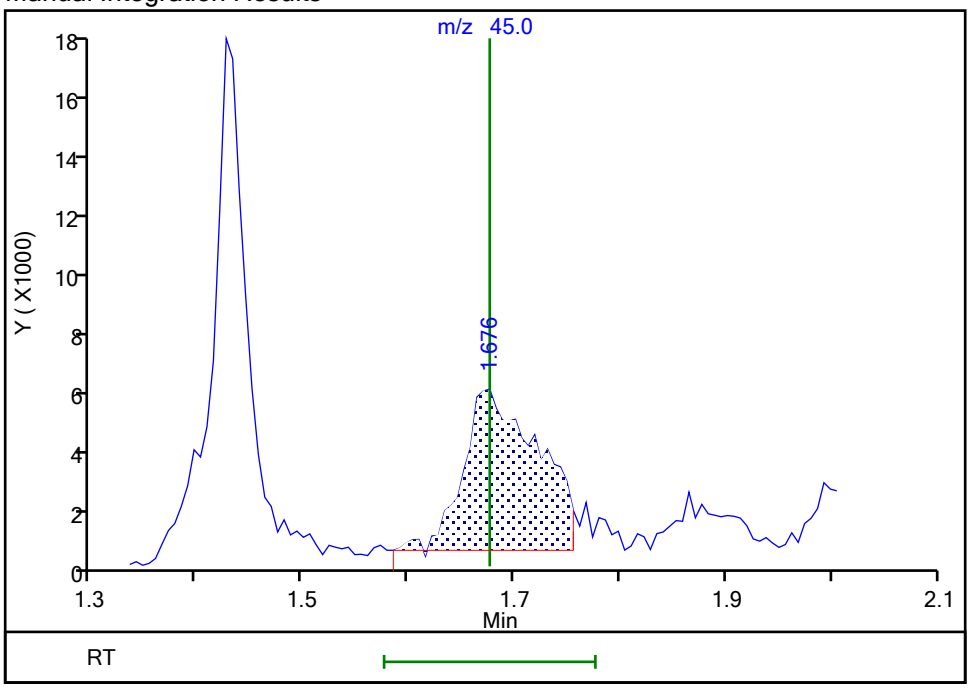
Not Detected
Expected RT: 1.68

Processing Integration Results



Manual Integration Results

RT: 1.68
Area: 26714
Amount: 207.8550
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:24:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

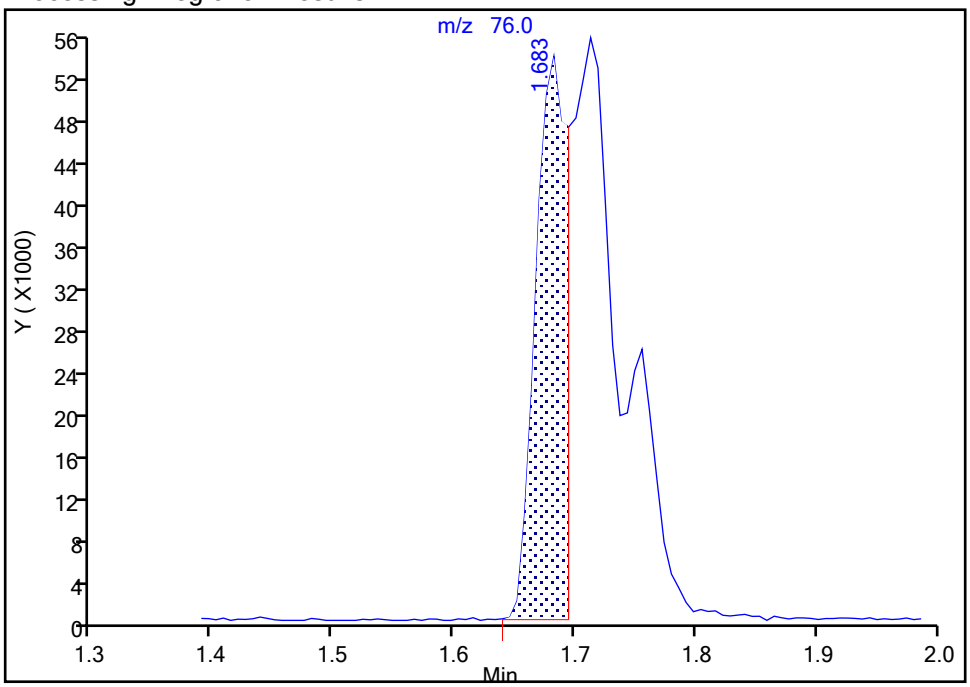
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

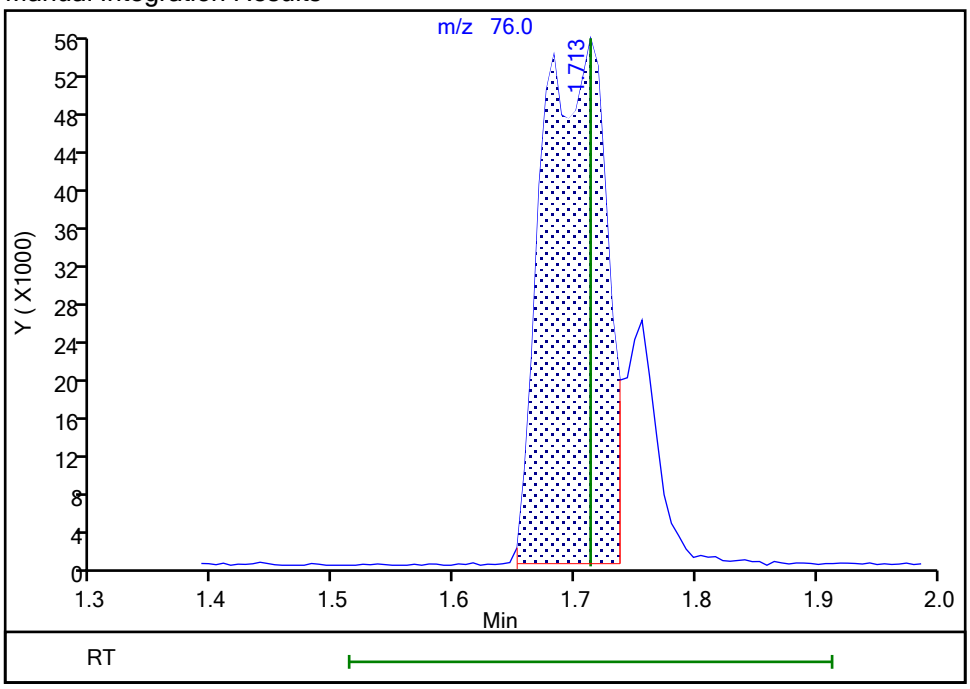
Processing Integration Results

RT: 1.68
Area: 99899
Amount: 9.713325
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 206295
Amount: 20.058363
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:10:55 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

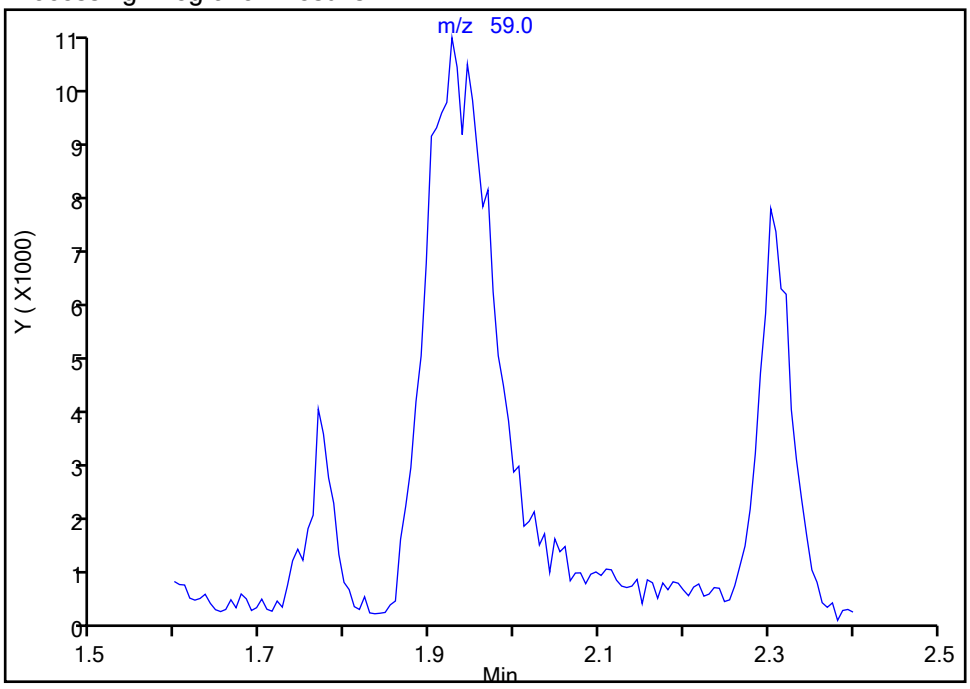
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

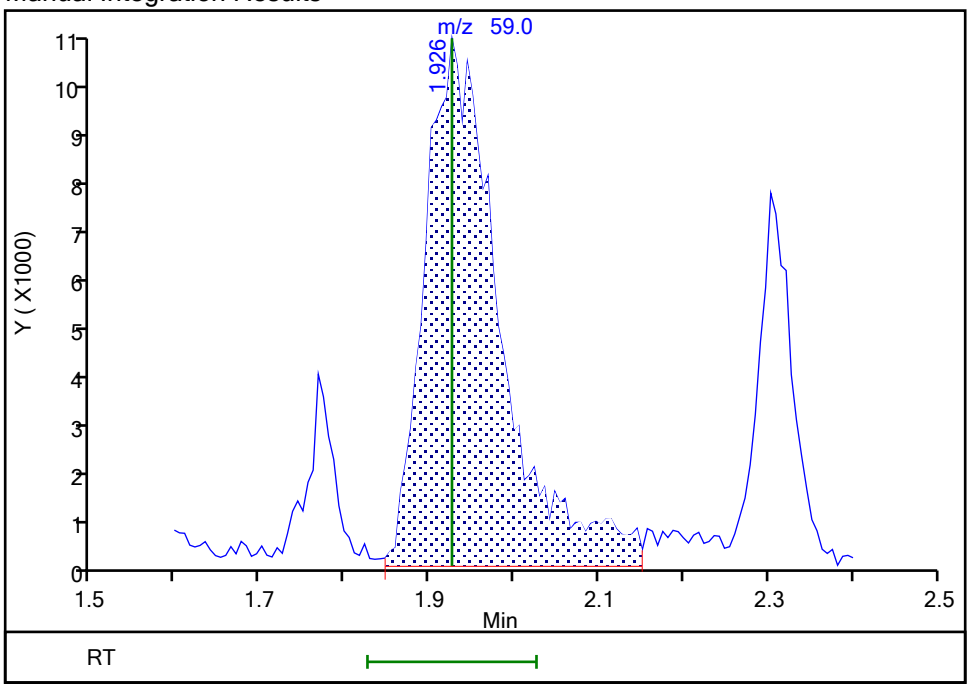
Not Detected
Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.93
Area: 62962
Amount: 202.4647
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:24:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

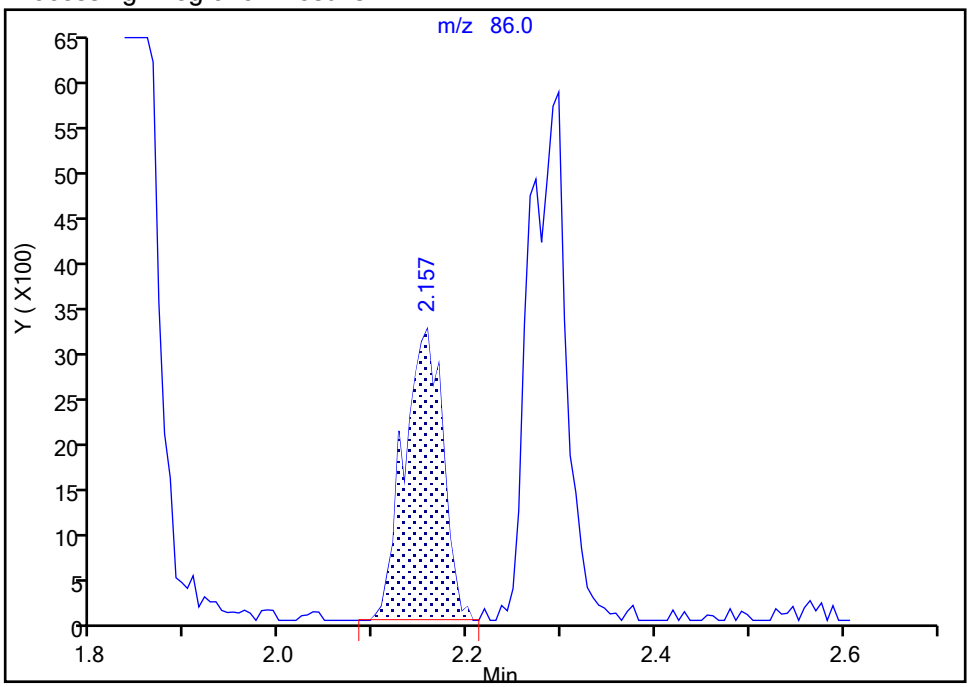
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Signal: 1

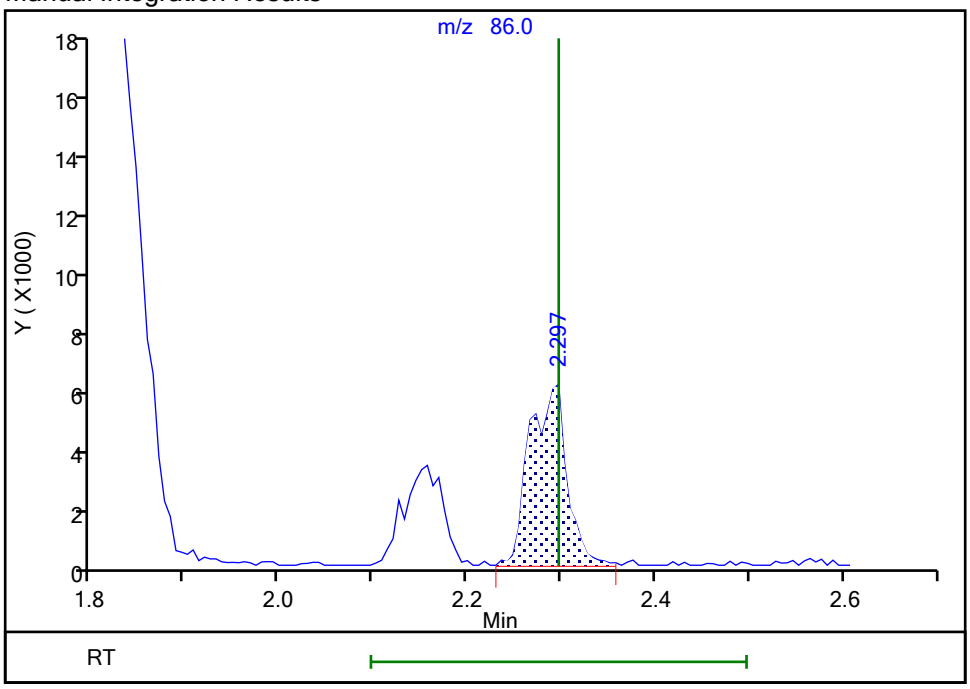
Processing Integration Results

RT: 2.16
Area: 9272
Amount: 19.057742
Amount Units: ug/l



Manual Integration Results

RT: 2.30
Area: 16002
Amount: 32.890638
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:11:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

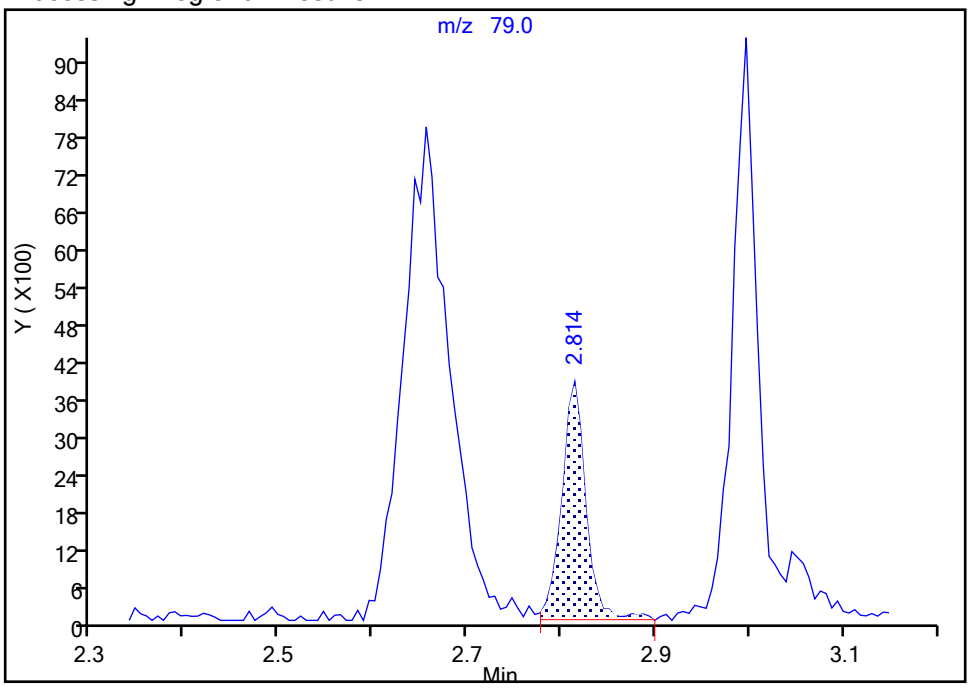
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

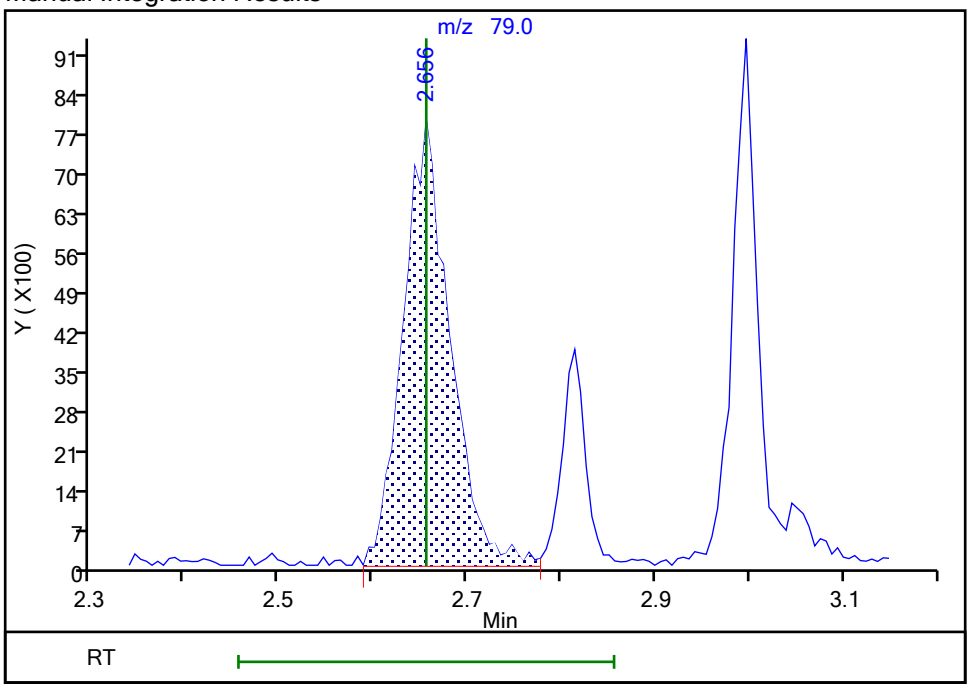
Processing Integration Results

RT: 2.81
Area: 6874
Amount: 4.633785
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 27316
Amount: 20.424563
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:24:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

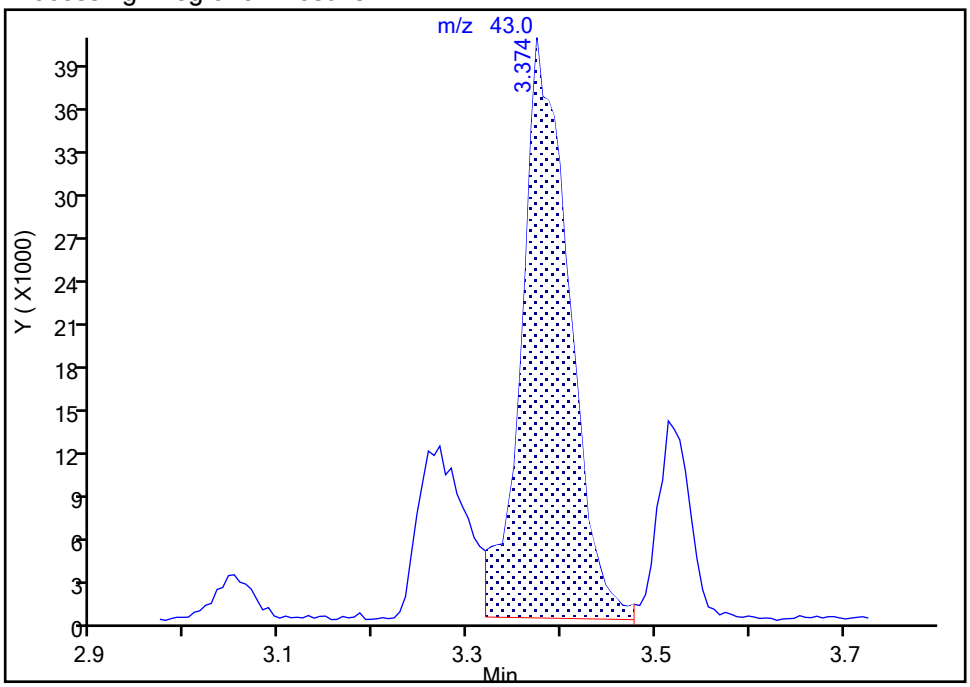
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

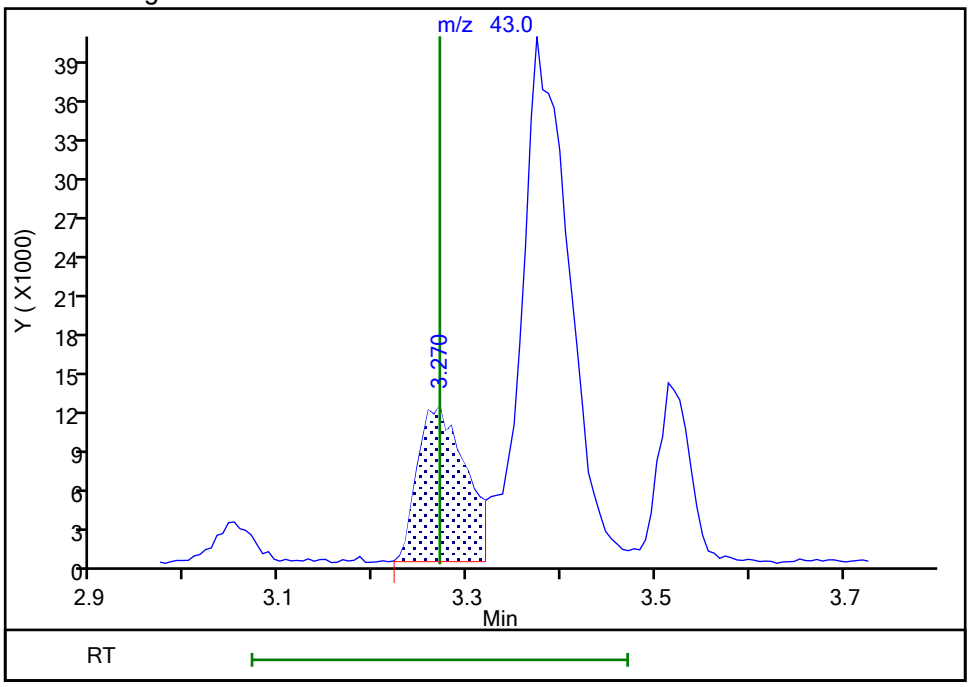
Processing Integration Results

RT: 3.37
Area: 143575
Amount: 1772.5455
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 43070
Amount: 531.7328
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:24:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

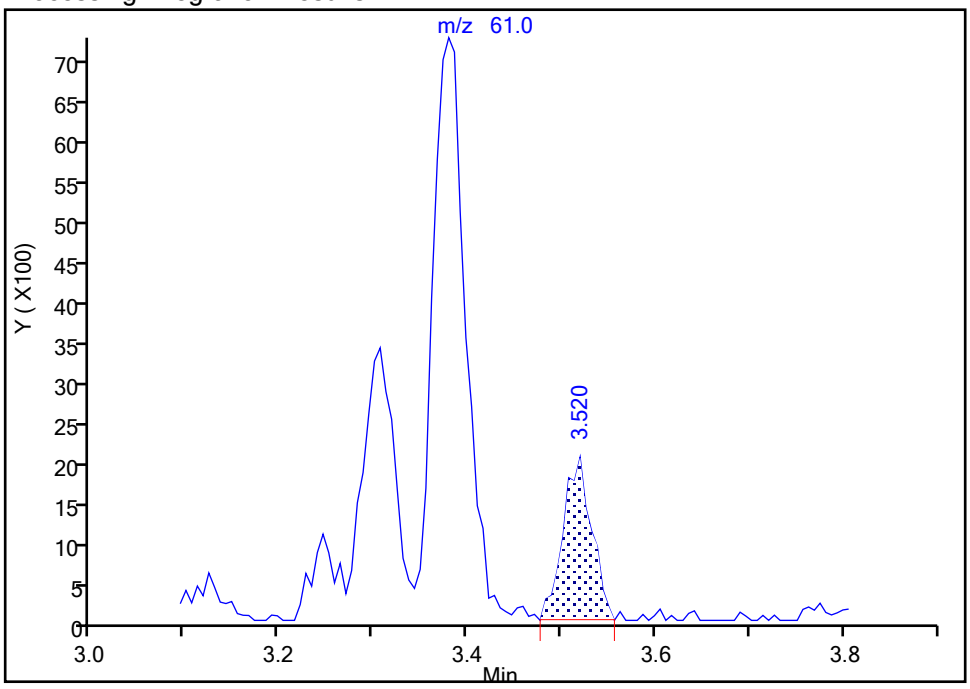
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

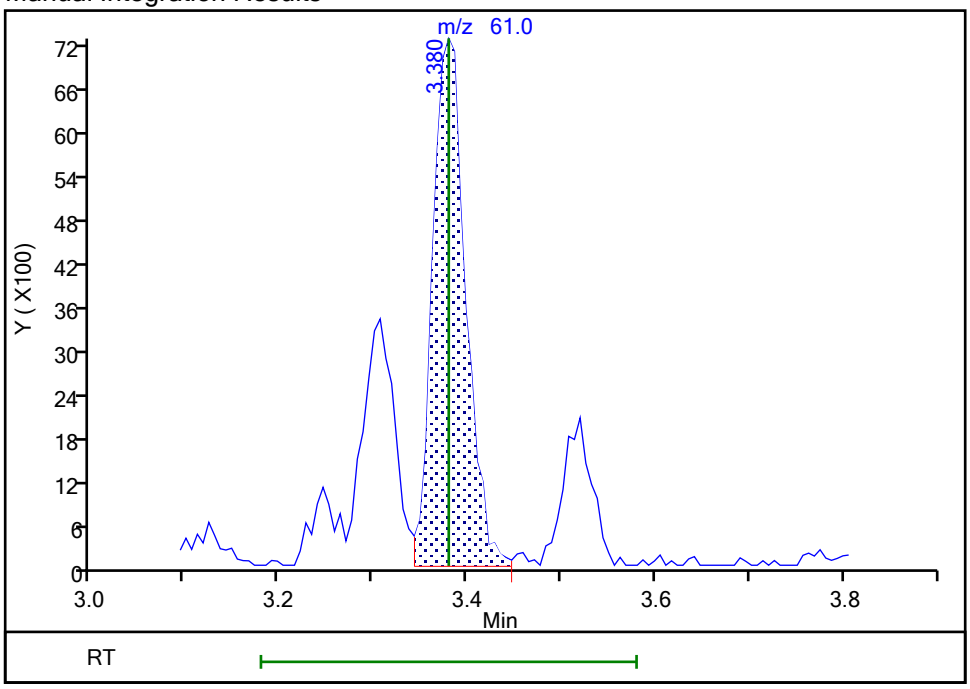
Processing Integration Results

RT: 3.52
Area: 4306
Amount: 5.309746
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 17743
Amount: 21.878965
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:13:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

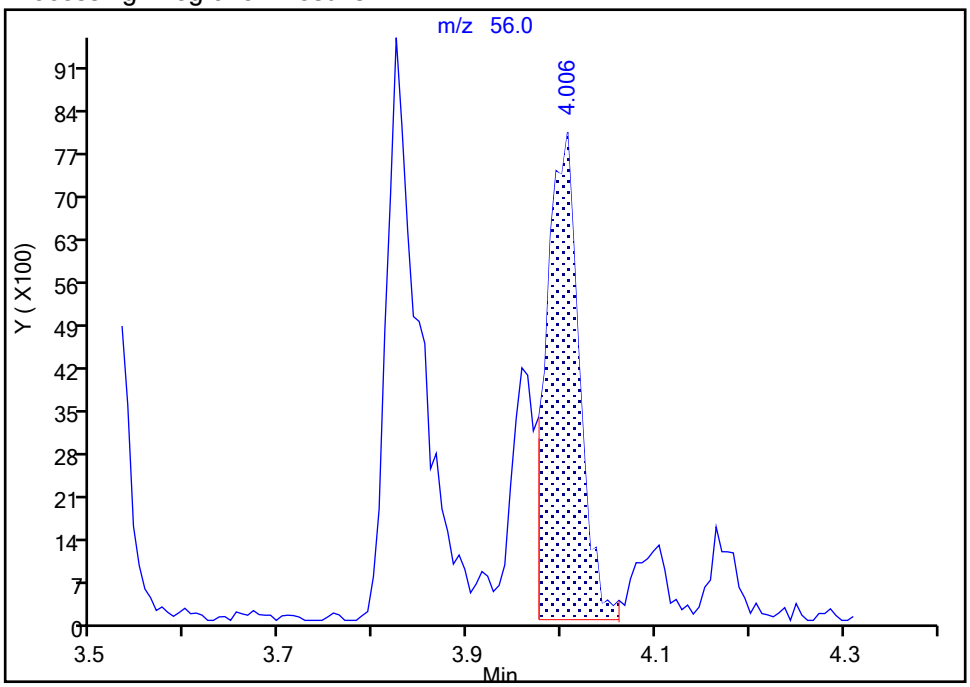
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

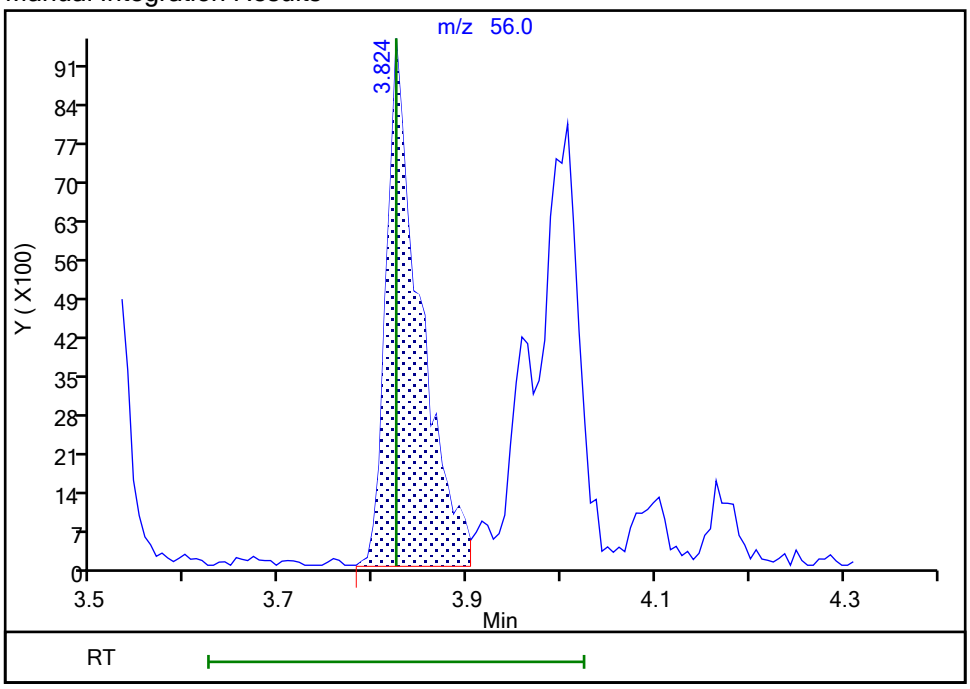
Processing Integration Results

RT: 4.01
Area: 19438
Amount: 364.9855
Amount Units: ug/l



Manual Integration Results

RT: 3.82
Area: 23739
Amount: 445.7450
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:10:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

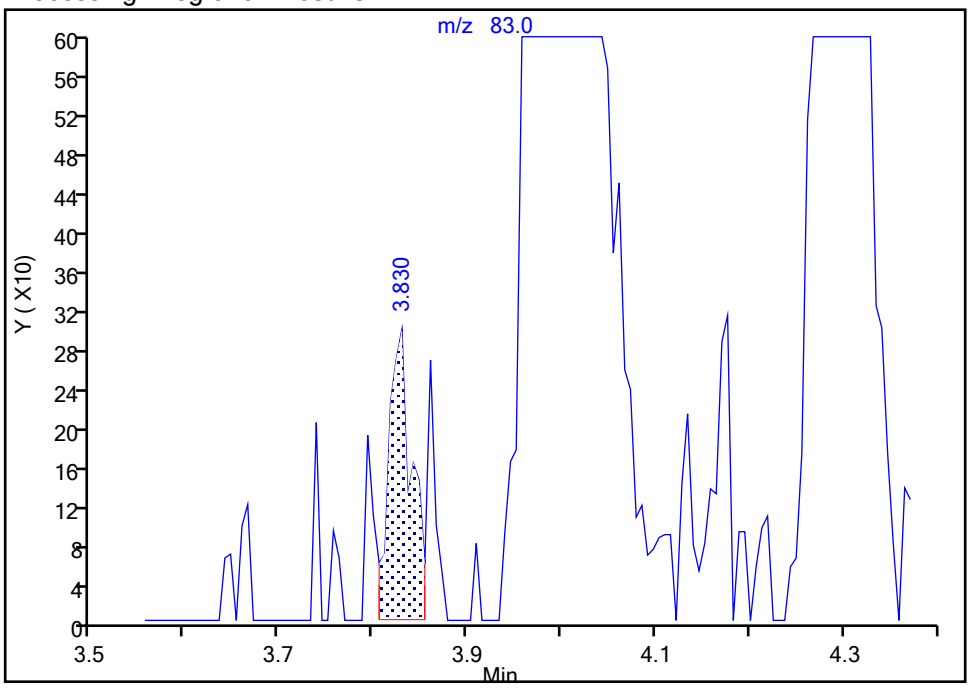
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73664.D
Injection Date: 21-Nov-2023 07:30:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

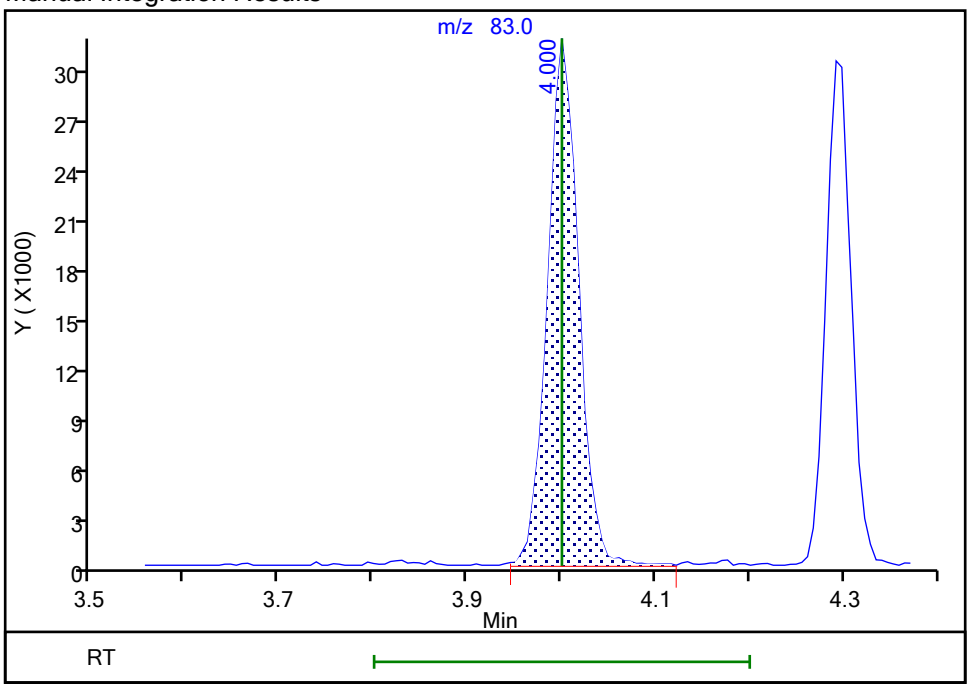
Processing Integration Results

RT: 3.83
Area: 515
Amount: 0.144030
Amount Units: ug/l



Manual Integration Results

RT: 4.00
Area: 72151
Amount: 20.178519
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:24:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946160/4 Calibration Date: 11/22/2023 07:40

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73716.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1393		29.0	20.0	44.9*	20.0
Chlorodifluoromethane	Ave	0.7111	0.8141		22.9	20.0	14.5	20.0
Dichlorodifluoromethane	Ave	0.4974	0.6975	0.1000	28.0	20.0	40.2*	20.0
Chloromethane	QuaF		2.330	0.1000	36.0	20.0	80.1*	20.0
Vinyl chloride	Ave	0.4510	0.6442	0.1000	28.6	20.0	42.8*	20.0
Butadiene	Ave	0.3946	0.5595		28.4	20.0	41.8*	20.0
Bromomethane	Ave	0.4038	0.4720	0.1000	23.4	20.0	16.9	50.0
Chloroethane	Ave	0.2741	0.3247	0.1000	23.7	20.0	18.5	50.0
Dichlorofluoromethane	Ave	0.8003	0.9160		22.9	20.0	14.5	20.0
Pentane	Ave	5.531	6.550		47.4	40.0	18.4	20.0
Trichlorofluoromethane	Ave	0.5839	0.6618	0.1000	22.7	20.0	13.3	20.0
Ethanol	Ave	0.1196	0.1891		1260	800	58.1*	50.0
Ethyl ether	Lin2		0.1718		18.5	20.0	-7.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2667		20.8	20.0	4.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3337		19.6	20.0	-2.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.5657		21.2	20.0	6.1	20.0
Acrolein	Ave	5.285	5.331		40.4	40.0	0.9	50.0
1,1-Dichloroethene	Ave	0.3431	0.3166	0.1000	18.5	20.0	-7.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.4220	0.1000	22.4	20.0	12.2	20.0
Acetone	Ave	0.3101	0.3506	0.0500	113	100	13.1	50.0
Iodomethane	Ave	0.6864	0.6163		18.0	20.0	-10.2	20.0
Isopropyl alcohol	Ave	1.649	2.058		250	200	24.8	50.0
Carbon disulfide	Ave	1.306	1.088	0.1000	16.7	20.0	-16.7	50.0
3-Chloro-1-propene	Ave	0.2731	0.2617		19.2	20.0	-4.2	20.0
Acetonitrile	Ave	3.489	3.871		222	200	10.9	20.0
Methyl acetate	Ave	6.664	6.392	0.1000	38.4	40.0	-4.1	20.0
Cyclopentene	Ave	0.6476	0.5851		18.1	20.0	-9.6	20.0
Methylene Chloride	Ave	0.3955	0.3821	0.1000	19.3	20.0	-3.4	20.0
2-Methyl-2-propanol	Ave	3.991	3.929		197	200	-1.6	50.0
Acrylonitrile	Ave	0.1195	0.1138		191	200	-4.7	20.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3136	0.1000	18.5	20.0	-7.7	20.0
Methyl tert-butyl ether	Ave	0.9559	0.8795	0.1000	18.4	20.0	-8.0	20.0
Hexane	Ave	0.1601	0.1437		17.9	20.0	-10.3	20.0
1,1-Dichloroethane	Ave	0.5742	0.5272	0.2000	18.4	20.0	-8.2	20.0
Vinyl acetate	Ave	0.5005	0.5094		40.7	40.0	1.8	20.0
Isopropyl ether	Ave	0.8715	0.8713		20.0	20.0	-0.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.2560		18.0	20.0	-10.1	20.0
Tert-butyl ethyl ether	Ave	0.8676	0.8925		20.6	20.0	2.9	20.0
cis-1,2-Dichloroethene	Ave	0.3746	0.3469	0.1000	18.5	20.0	-7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946160/4 Calibration Date: 11/22/2023 07:40

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73716.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.3313	0.2976	0.0500	89.8	100	-10.2	50.0
2,2-Dichloropropane	Lin2		0.1680		19.8	20.0	-1.2	20.0
Ethyl acetate	Ave	0.2548	0.2737		43.0	40.0	7.4	20.0
Propionitrile	Ave	4.782	4.908		205	200	2.6	20.0
Methyl acrylate	Ave	0.3142	0.2602		16.6	20.0	-17.2	20.0
Methacrylonitrile	Ave	0.1195	0.1084		181	200	-9.4	20.0
Chlorobromomethane	Ave	0.1940	0.1685		17.4	20.0	-13.1	20.0
Tetrahydrofuran	Ave	0.3569	0.3317		37.2	40.0	-7.1	20.0
Chloroform	Ave	0.5493	0.5104	0.2000	18.6	20.0	-7.1	20.0
1,1,1-Trichloroethane	Ave	0.5188	0.4733	0.1000	18.2	20.0	-8.8	20.0
Cyclohexane	Ave	0.4623	0.4313	0.1000	18.7	20.0	-6.7	50.0
1,1-Dichloropropene	Ave	0.3884	0.3205		16.5	20.0	-17.5	20.0
Carbon tetrachloride	Ave	0.4408	0.3838	0.1000	17.4	20.0	-13.0	20.0
Isobutyl alcohol	Ave	1.039	1.090		524	500	4.9	50.0
Benzene	Ave	1.521	1.500	0.5000	19.7	20.0	-1.3	20.0
1,2-Dichloroethane	Ave	0.3737	0.3169	0.1000	17.0	20.0	-15.2	20.0
Isooctane	Ave	0.6027	0.6379		21.2	20.0	5.8	20.0
Isopropyl acetate	Ave	0.1030	0.0890		17.3	20.0	-13.6	20.0
Tert-amyl methyl ether	Ave	0.9261	0.8037		17.4	20.0	-13.2	20.0
n-Heptane	Ave	0.2090	0.1785		17.1	20.0	-14.6	20.0
n-Butanol	Ave	0.6834	0.6186		453	500	-9.5	50.0
Trichloroethene	Ave	0.2897	0.2449	0.2000	16.9	20.0	-15.5	20.0
Ethyl acrylate	QuaF		0.0185		18.0	20.0	-10.1	20.0
Methylcyclohexane	Ave	0.4542	0.4094	0.1000	18.0	20.0	-9.9	50.0
1,2-Dichloropropane	Ave	0.2876	0.2629	0.1000	18.3	20.0	-8.6	20.0
Dibromomethane	Ave	0.1952	0.1736		17.8	20.0	-11.0	20.0
1,4-Dioxane	Ave	1.140	1.189		417	400	4.3	50.0
Methyl methacrylate	Ave	0.0707	0.0532		30.1	40.0	-24.7*	20.0
n-Propyl acetate	Ave	0.2957	0.2586		17.5	20.0	-12.6	20.0
Bromodichloromethane	Ave	0.3619	0.3209	0.2000	17.7	20.0	-11.3	20.0
2-Nitropropane	Ave	6.072	5.294		34.9	40.0	-12.8	20.0
2-Chloroethyl vinyl ether	Ave	0.1302	0.1084		16.7	20.0	-16.8	20.0
Epichlorohydrin	Ave	0.2147	0.2228		415	400	3.8	20.0
cis-1,3-Dichloropropene	Ave	0.5317	0.5463	0.2000	20.5	20.0	2.7	50.0
methyl isobutyl ketone	Ave	2.061	1.998	0.0500	97.0	100	-3.0	50.0
Toluene	Ave	1.474	1.416	0.4000	19.2	20.0	-4.0	20.0
trans-1,3-Dichloropropene	Ave	0.4661	0.4635	0.1000	19.9	20.0	-0.6	50.0
Ethyl methacrylate	Ave	0.2919	0.2265		15.5	20.0	-22.4*	20.0
1,1,2-Trichloroethane	Ave	0.2763	0.2893	0.1000	20.9	20.0	4.7	20.0
Tetrachloroethene	Ave	0.3514	0.3337	0.2000	19.0	20.0	-5.0	20.0
1,3-Dichloropropane	Ave	0.5203	0.5405		20.8	20.0	3.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946160/4 Calibration Date: 11/22/2023 07:40

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73716.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	0.7532	0.7456	0.0500	99.0	100	-1.0	50.0
Dibromochloromethane	Ave	0.3479	0.3397	0.1000	19.5	20.0	-2.4	50.0
n-Butyl acetate	Ave	0.3829	0.3672		19.2	20.0	-4.1	20.0
Ethylene Dibromide	Ave	0.3377	0.3273	0.1000	19.4	20.0	-3.1	20.0
Chlorobenzene	Ave	0.9453	0.9409	0.5000	19.9	20.0	-0.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4137	0.3640		17.6	20.0	-12.0	20.0
Ethylbenzene	Ave	0.4748	0.4668	0.1000	19.7	20.0	-1.7	20.0
m-Xylene & p-Xylene	Ave	0.5697	0.5260	0.1000	18.5	20.0	-7.7	20.0
o-Xylene	Ave	0.5974	0.5375	0.3000	18.0	20.0	-10.0	20.0
Styrene	Ave	0.8939	0.8398	0.3000	18.8	20.0	-6.1	20.0
n-Butyl acrylate	Ave	0.2150	0.2055		19.1	20.0	-4.4	20.0
Bromoform	Ave	0.4284	0.4158	0.1000	19.4	20.0	-3.0	20.0
Amyl acetate (mixed isomers)	Ave	0.7955	0.7390		18.6	20.0	-7.1	20.0
Isopropylbenzene	Ave	1.514	1.416	0.1000	18.7	20.0	-6.5	20.0
Bromobenzene	Ave	0.7285	0.7141		19.6	20.0	-2.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8614	0.9157	0.3000	21.3	20.0	6.3	20.0
1,2,3-Trichloropropane	Ave	0.2361	0.2425		20.5	20.0	2.7	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1948	0.1992		20.5	20.0	2.3	20.0
N-Propylbenzene	Ave	3.166	3.172		20.0	20.0	0.2	20.0
2-Chlorotoluene	Ave	1.928	2.041		21.2	20.0	5.8	20.0
4-Ethyltoluene	Ave	2.455	2.497		20.3	20.0	1.7	20.0
4-Chlorotoluene	Ave	2.025	2.328		23.0	20.0	15.0	20.0
1,3,5-Trimethylbenzene	Ave	2.285	2.294		20.1	20.0	0.4	20.0
Butyl Methacrylate	QuaF		0.6362		17.6	20.0	-12.0	20.0
tert-Butylbenzene	Ave	1.825	1.657		18.2	20.0	-9.2	20.0
1,2,4-Trimethylbenzene	Ave	2.299	2.343		20.4	20.0	1.9	20.0
sec-Butylbenzene	Ave	2.721	2.743		20.2	20.0	0.8	20.0
1,3-Dichlorobenzene	Ave	1.346	1.427	0.6000	21.2	20.0	6.0	20.0
1,4-Dichlorobenzene	Ave	1.405	1.480	0.5000	21.1	20.0	5.3	20.0
4-Isopropyltoluene	Ave	2.379	2.330		19.6	20.0	-2.0	20.0
1,2,3-Trimethylbenzene	Ave	2.578	2.578		20.0	20.0	0.0	20.0
Benzyl chloride	Ave	0.2945	0.2964		20.1	20.0	0.6	50.0
Indan	Ave	2.376	2.446		20.6	20.0	3.0	20.0
1,2-Dichlorobenzene	Ave	1.400	1.447	0.4000	20.7	20.0	3.3	20.0
p-Diethylbenzene	Ave	1.324	1.354		20.5	20.0	2.3	20.0
n-Butylbenzene	Ave	1.150	1.302		22.6	20.0	13.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1922	0.1676	0.0500	17.4	20.0	-12.8	50.0
1,2,4,5-Tetramethylbenzene	QuaF		1.819		14.6	20.0	-27.2*	20.0
1,3,5-Trichlorobenzene	Ave	0.9845	1.030		20.9	20.0	4.6	20.0
1,2,4-Trichlorobenzene	Ave	0.8477	0.7944	0.2000	18.7	20.0	-6.3	20.0
Hexachlorobutadiene	Ave	0.2632	0.2547		19.4	20.0	-3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946160/4 Calibration Date: 11/22/2023 07:40

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73716.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	QuaF		1.994		18.9	20.0	-5.7	50.0
1,2,3-Trichlorobenzene	Ave	0.7981	0.7972		20.0	20.0	-0.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3142	0.2909		46.3	50.0	-7.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3071	0.2784		45.3	50.0	-9.3	20.0
Toluene-d8 (Surr)	Ave	1.279	1.369		53.5	50.0	7.0	20.0
4-Bromofluorobenzene	Ave	0.3589	0.3586		50.0	50.0	-0.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Nov-2023 07:40:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0169233-004
Operator ID: Instrument ID: CVOAMS11
Sublist: chrom-8260W_11*sub19

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:19:20 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: XE5L Date: 22-Nov-2023 14:19:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.831	0.000	89	24957	20.0	29.0	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	94	145809	20.0	22.9	
5 Dichlorodifluoromethane	85	0.849	0.849	0.000	79	124919	20.0	28.0	
7 Chloromethane	52	0.952	0.952	0.000	98	39052	20.0	36.0	
8 Vinyl chloride	62	1.001	1.001	0.000	97	115370	20.0	28.6	
9 Butadiene	54	1.007	1.007	0.000	95	100202	20.0	28.4	
10 Bromomethane	94	1.171	1.171	0.000	99	84533	20.0	23.4	
11 Chloroethane	64	1.184	1.184	0.000	99	58156	20.0	23.7	
12 Dichlorofluoromethane	67	1.311	1.311	0.000	99	164061	20.0	22.9	
14 Pentane	72	1.317	1.317	0.000	97	18558	40.0	47.4	
13 Trichlorofluoromethane	101	1.336	1.336	0.000	98	118537	20.0	22.7	M
15 Ethanol	46	1.397	1.397	0.000	63	10715	800.0	1264.5	a
16 Ethyl ether	74	1.433	1.433	0.000	97	30771	20.0	18.5	
17 2-Methyl-1,3-butadiene	53	1.445	1.445	0.000	95	47774	20.0	20.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.470	1.470	0.000	88	59773	20.0	19.6	a
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.500	0.000	93	101323	20.0	21.2	a
20 Acrolein	56	1.506	1.506	0.000	58	15106	40.0	40.4	
22 1,1-Dichloroethene	96	1.555	1.555	0.000	96	56699	20.0	18.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.585	0.000	85	75590	20.0	22.4	
23 Acetone	58	1.585	1.585	0.000	89	29376	100.0	113.1	
24 Iodomethane	142	1.646	1.646	0.000	97	110384	20.0	18.0	
25 Isopropyl alcohol	45	1.670	1.670	0.000	29	29151	200.0	249.5	a
26 Carbon disulfide	76	1.676	1.676	0.000	99	194801	20.0	16.7	M
27 3-Chloro-1-propene	76	1.755	1.755	0.000	93	46864	20.0	19.2	
30 Acetonitrile	39	1.755	1.755	0.000	80	54835	200.0	221.9	
28 Methyl acetate	74	1.768	1.768	0.000	100	18111	40.0	38.4	
29 Cyclopentene	67	1.798	1.798	0.000	97	104796	20.0	18.1	
32 Methylene Chloride	84	1.828	1.828	0.000	90	68442	20.0	19.3	
* 31 TBA-d9 (IS)	46	1.859	1.859	0.000	100	70836	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.914	1.914	0.000	98	55656	200.0	196.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	1.974	1.974	0.000	97	203849	200.0	190.5	
35 trans-1,2-Dichloroethene	96	1.987	1.987	0.000	93	56168	20.0	18.5	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	97	157529	20.0	18.4	
37 Hexane	56	2.151	2.151	0.000	90	25739	20.0	17.9	
39 1,1-Dichloroethane	63	2.248	2.248	0.000	100	94431	20.0	18.4	
40 Vinyl acetate	86	2.279	2.279	0.000	100	17074	40.0	40.7	a
38 Isopropyl ether	45	2.303	2.303	0.000	86	156058	20.0	20.0	
41 2-Chloro-1,3-butadiene	88	2.309	2.309	0.000	76	45856	20.0	18.0	
42 Tert-butyl ethyl ether	59	2.546	2.546	0.000	92	159854	20.0	20.6	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	99	209494	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	99	62137	20.0	18.5	
46 2-Butanone (MEK)	72	2.650	2.650	0.000	99	24937	100.0	89.8	
44 2,2-Dichloropropane	79	2.656	2.656	0.000	49	30092	20.0	19.8	a
47 Ethyl acetate	70	2.698	2.698	0.000	99	9174	40.0	43.0	
49 Propionitrile	54	2.698	2.698	0.000	88	69534	200.0	205.3	
48 Methyl acrylate	55	2.723	2.723	0.000	99	46605	20.0	16.6	
52 Methacrylonitrile	67	2.802	2.802	0.000	90	194060	200.0	181.3	
51 Chlorobromomethane	128	2.808	2.808	0.000	80	30183	20.0	17.4	
50 Tetrahydrofuran	72	2.844	2.844	0.000	90	11119	40.0	37.2	
53 Chloroform	83	2.875	2.875	0.000	100	91413	20.0	18.6	
$ 56 Dibromofluoromethane (Surr)	113	2.990	2.990	0.000	97	130232	50.0	46.3	
55 1,1,1-Trichloroethane	97	3.009	3.009	0.000	98	84777	20.0	18.2	
54 Cyclohexane	84	3.051	3.051	0.000	88	77254	20.0	18.7	
58 1,1-Dichloropropene	75	3.124	3.124	0.000	99	57408	20.0	16.5	
57 Carbon tetrachloride	117	3.130	3.130	0.000	95	68731	20.0	17.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	124656	50.0	45.3	
59 Isobutyl alcohol	43	3.258	3.258	0.000	98	38603	500.0	524.3	
61 Benzene	78	3.288	3.288	0.000	94	187809	20.0	19.7	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	97	56757	20.0	17.0	
60 Isooctane	57	3.368	3.368	0.000	97	114248	20.0	21.2	
64 Isopropyl acetate	61	3.380	3.380	0.000	99	15934	20.0	17.3	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	98	143947	20.0	17.4	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	447756	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	41	31978	20.0	17.1	
69 Trichloroethene	95	3.830	3.830	0.000	99	43865	20.0	16.9	
68 n-Butanol	56	3.830	3.830	0.000	43	21911	500.0	452.6	a
70 Ethyl acrylate	99	3.964	3.964	0.000	96	3312	20.0	18.0	
71 Methylcyclohexane	83	4.000	4.000	0.000	87	73331	20.0	18.0	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	94	47089	20.0	18.3	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	85	23196	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.134	0.000	96	31098	20.0	17.8	
75 1,4-Dioxane	88	4.165	4.165	0.000	34	11031	400.0	417.1	
74 Methyl methacrylate	100	4.177	4.177	0.000	84	19063	40.0	30.1	
77 n-Propyl acetate	43	4.244	4.244	0.000	98	46308	20.0	17.5	
78 Dichlorobromomethane	83	4.292	4.292	0.000	99	57481	20.0	17.7	
79 2-Nitropropane	41	4.530	4.530	0.000	99	15000	40.0	34.9	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	91	19462	20.0	16.7	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	74683	400.0	415.0	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	89	68373	20.0	20.5	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.919	0.000	95	167450	100.0	97.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	428299	50.0	53.5	
85 Toluene	91	5.065	5.065	0.000	93	177176	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.326	5.326	0.000	95	58008	20.0	19.9	
87 Ethyl methacrylate	69	5.473	5.473	0.000	87	40572	20.0	15.5	
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	96	36208	20.0	20.9	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	41772	20.0	19.0	
90 1,3-Dichloropropane	76	5.692	5.692	0.000	90	67656	20.0	20.8	
91 2-Hexanone	58	5.838	5.838	0.000	95	62480	100.0	99.0	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	42516	20.0	19.5	
92 n-Butyl acetate	43	6.014	6.014	0.000	99	45965	20.0	19.2	
94 Ethylene Dibromide	107	6.038	6.038	0.000	100	40964	20.0	19.4	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	312911	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	97	117769	20.0	19.9	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	96	45562	20.0	17.6	
97 Ethylbenzene	106	6.793	6.793	0.000	97	58423	20.0	19.7	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	65841	20.0	18.5	
100 o-Xylene	106	7.425	7.425	0.000	93	67271	20.0	18.0	
102 Styrene	104	7.450	7.450	0.000	97	105107	20.0	18.8	
101 n-Butyl acrylate	73	7.486	7.486	0.000	97	25724	20.0	19.1	
104 Bromoform	173	7.644	7.644	0.000	95	27653	20.0	19.4	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	93	49147	20.0	18.6	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	177203	20.0	18.7	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	112215	50.0	50.0	
107 Bromobenzene	156	8.247	8.247	0.000	97	47493	20.0	19.6	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.338	0.000	98	60897	20.0	21.3	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	97	16129	20.0	20.5	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	92	13248	20.0	20.5	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	210976	20.0	20.0	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	135725	20.0	21.2	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	166049	20.0	20.3	
115 4-Chlorotoluene	91	8.672	8.672	0.000	97	154839	20.0	23.0	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	93	152560	20.0	20.1	
116 Butyl Methacrylate	87	8.934	8.934	0.000	88	42313	20.0	17.6	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	110222	20.0	18.2	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	155815	20.0	20.4	
119 sec-Butylbenzene	105	9.402	9.402	0.000	99	182440	20.0	20.2	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	94882	20.0	21.2	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	166267	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.585	9.585	0.000	95	98458	20.0	21.1	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	154983	20.0	19.6	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	97	171473	20.0	20.0	
125 Benzyl chloride	126	9.768	9.768	0.000	99	19710	20.0	20.1	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	162686	20.0	20.6	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	97	96203	20.0	20.7	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	90072	20.0	20.5	
128 n-Butylbenzene	92	10.029	10.029	0.000	97	86561	20.0	22.6	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	96	11145	20.0	17.4	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	98	120952	20.0	14.6	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	68471	20.0	20.9	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	94	52832	20.0	18.7	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	90	16941	20.0	19.4	
135 Naphthalene	128	11.623	11.623	0.000	99	132626	20.0	18.9	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	95	53018	20.0	20.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Xylenes, Total	100				0		40.0	36.5	
S 139 Total BTEX	1				0		100.0	95.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

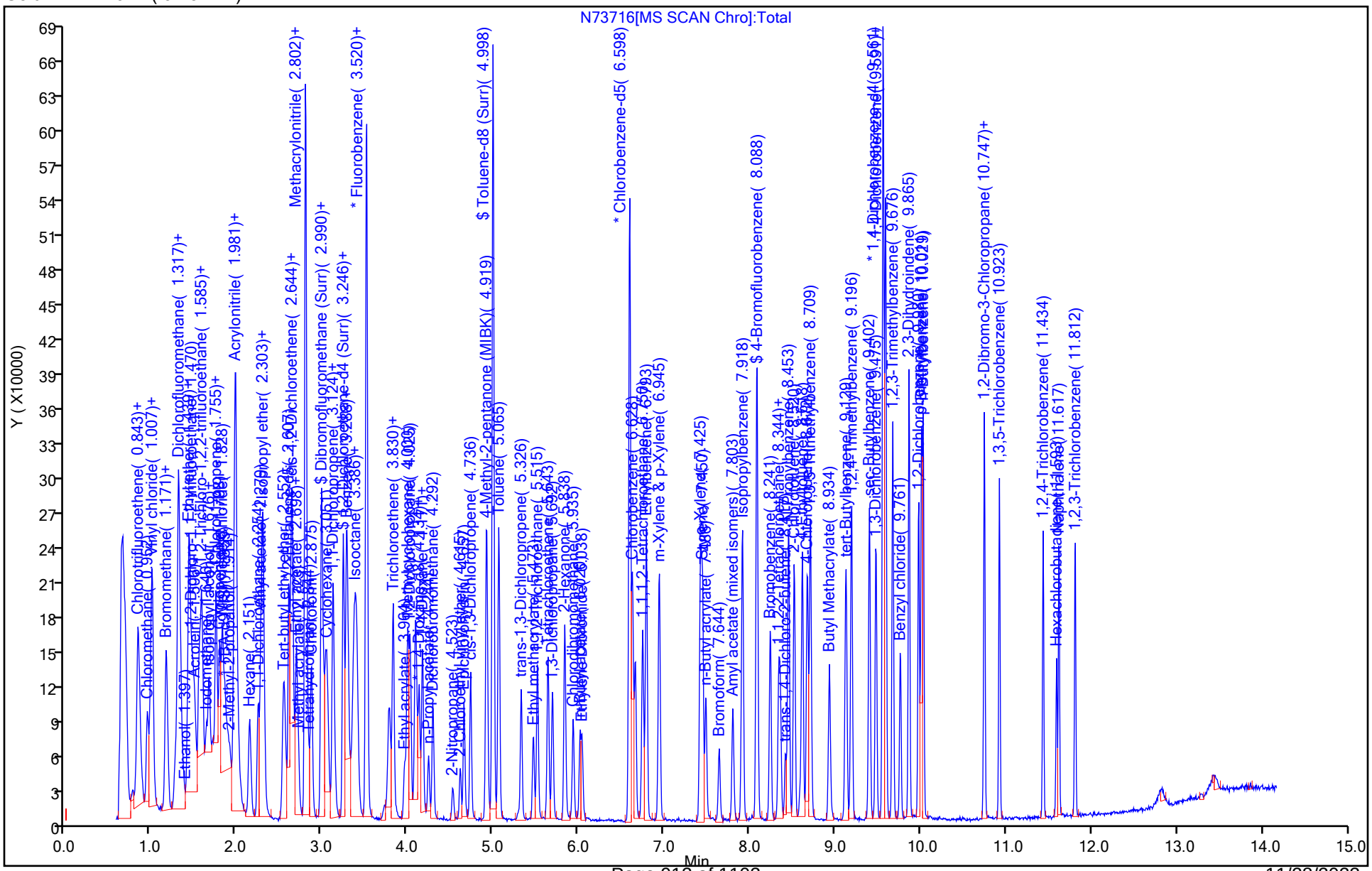
Report Date: 22-Nov-2023 14:19:22 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D

Injection Date:	22-Nov-2023 07:40:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison

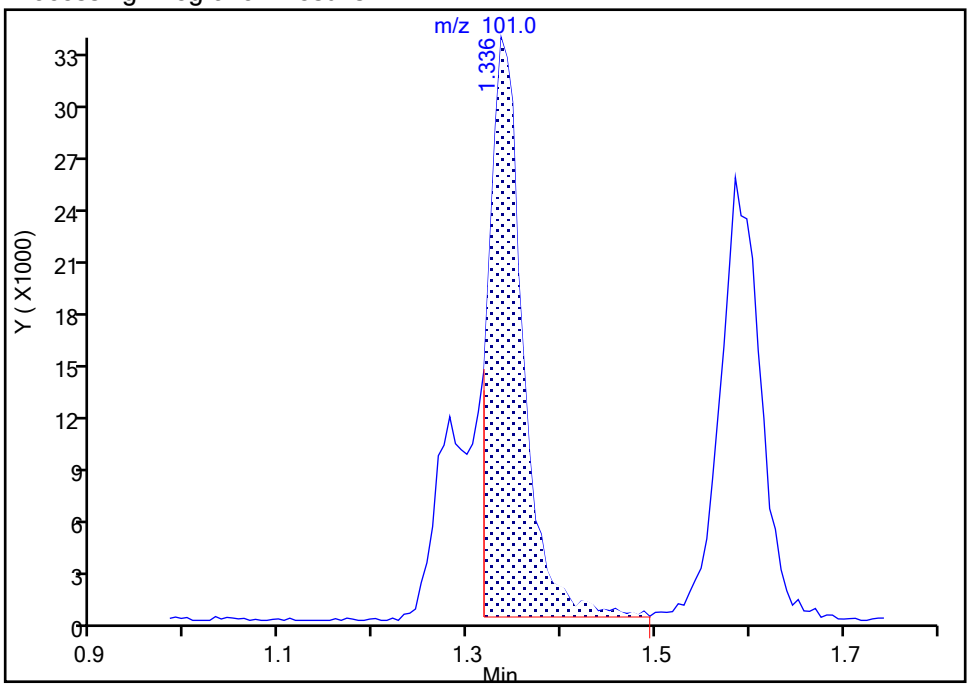
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

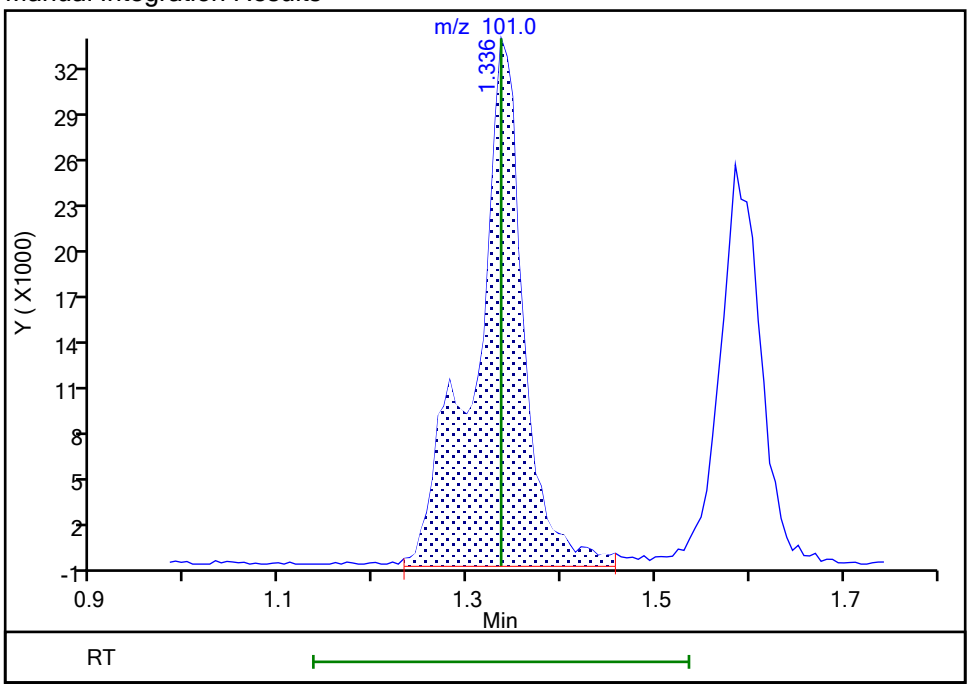
Processing Integration Results

RT: 1.34
Area: 81613
Amount: 15.606944
Amount Units: ug/l



Manual Integration Results

RT: 1.34
Area: 118537
Amount: 22.667962
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:58:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

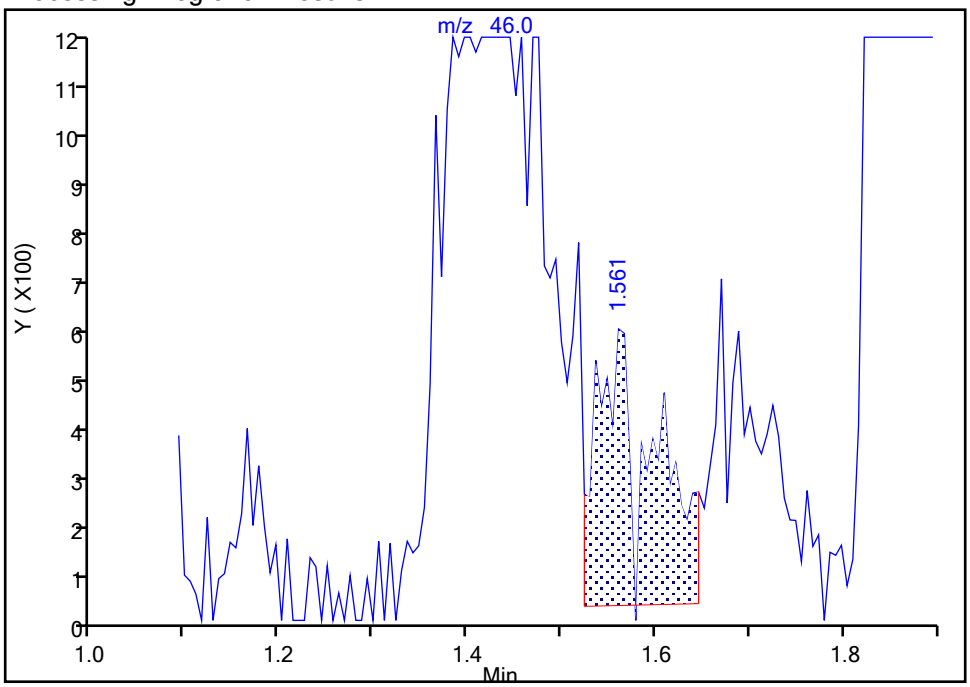
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

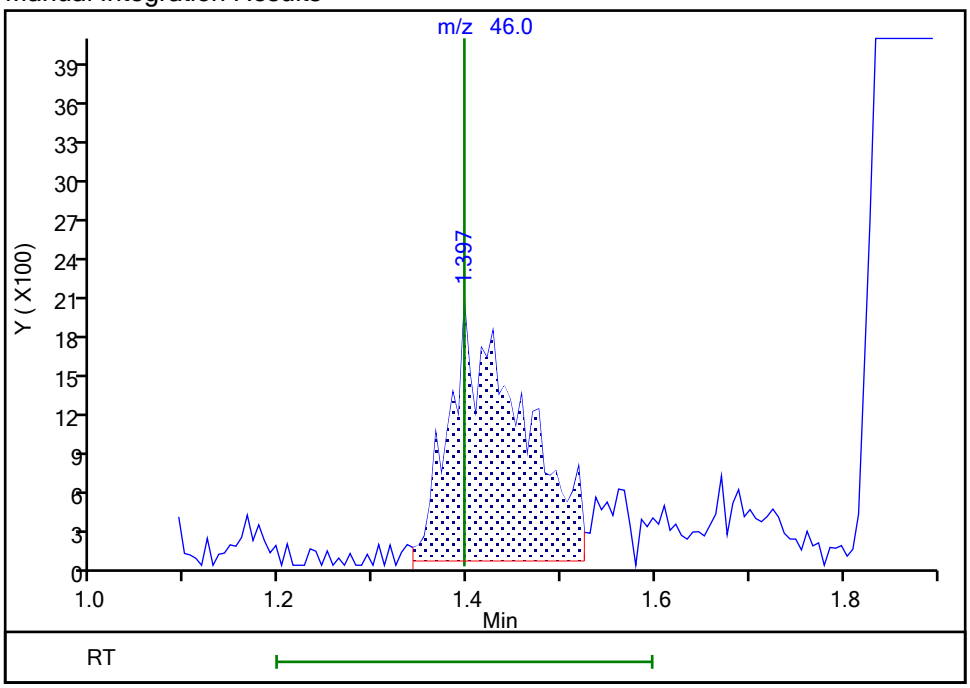
Processing Integration Results

RT: 1.56
Area: 2350
Amount: 277.3295
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 10715
Amount: 1264.5044
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:58:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

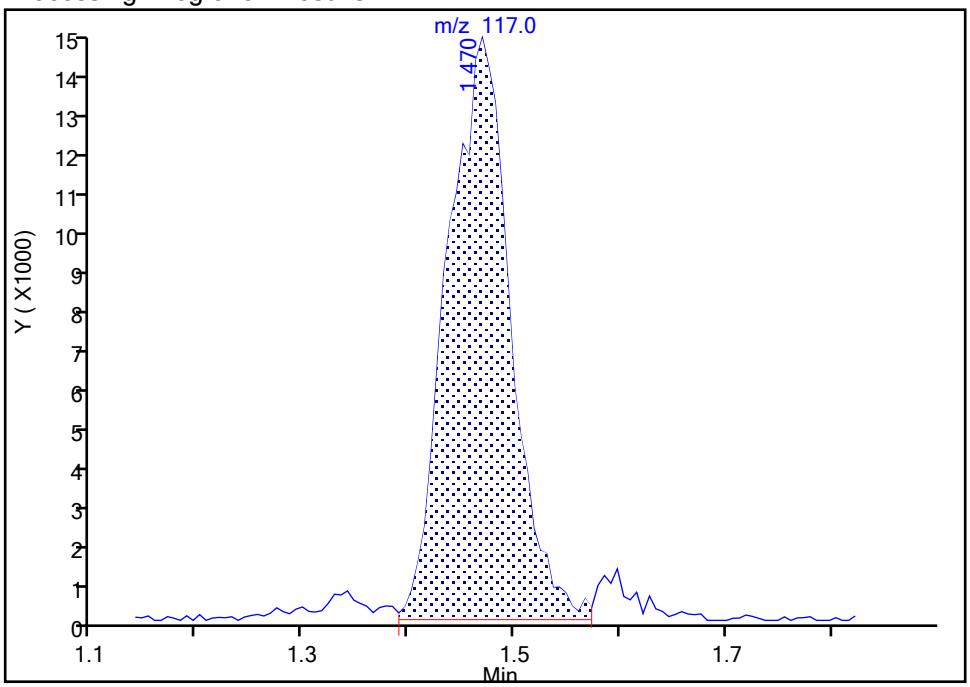
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

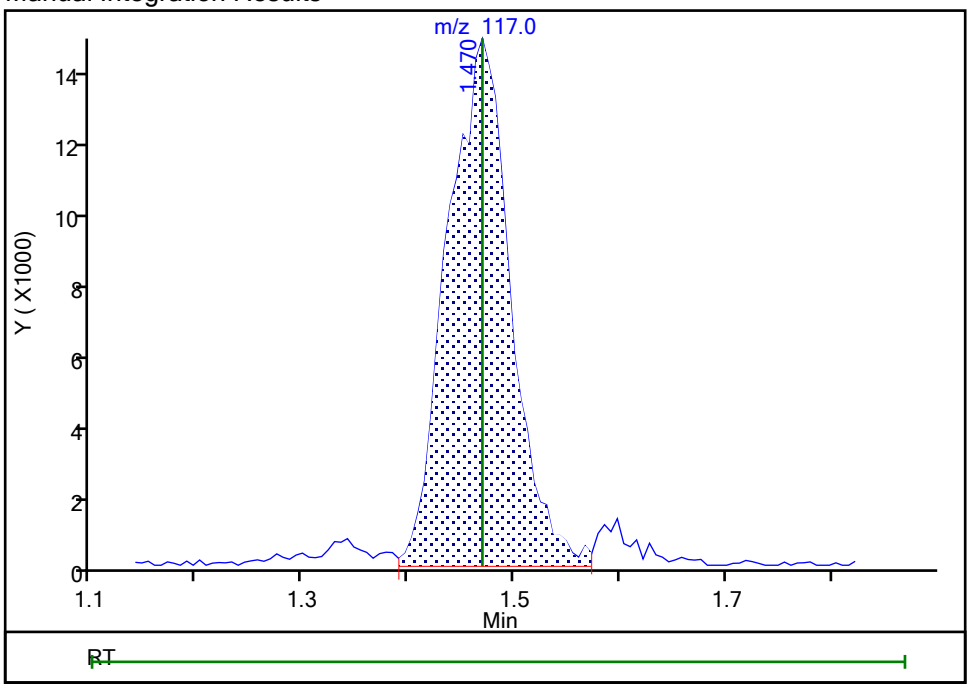
Processing Integration Results

RT: 1.47
Area: 59773
Amount: 19.588551
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 59773
Amount: 19.588551
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 08:23:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

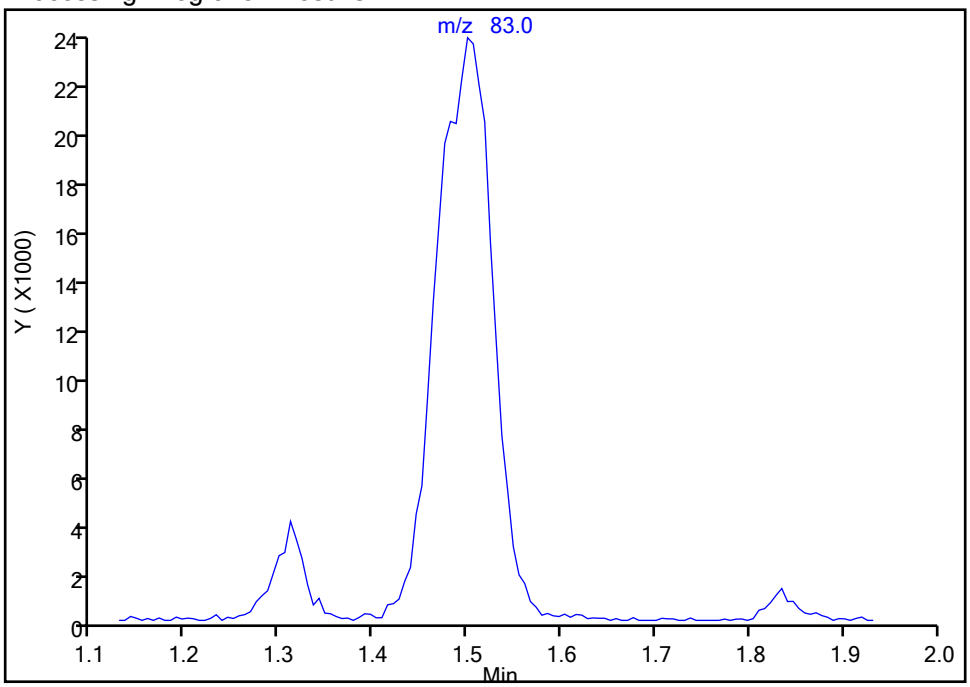
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

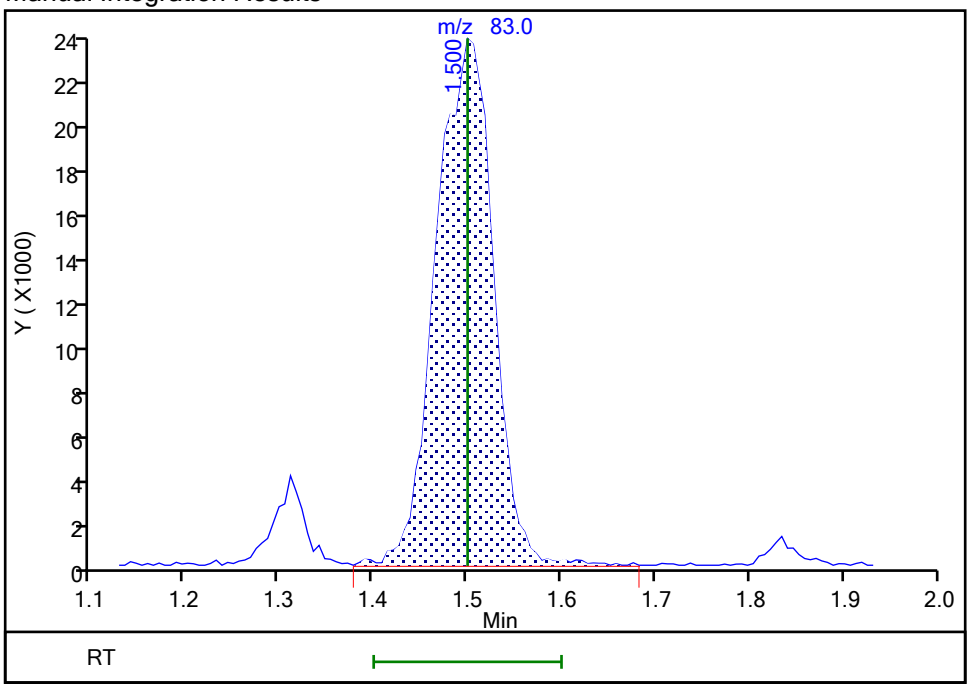
Not Detected
Expected RT: 1.50

Processing Integration Results



Manual Integration Results

RT: 1.50
Area: 101323
Amount: 21.225270
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:58:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

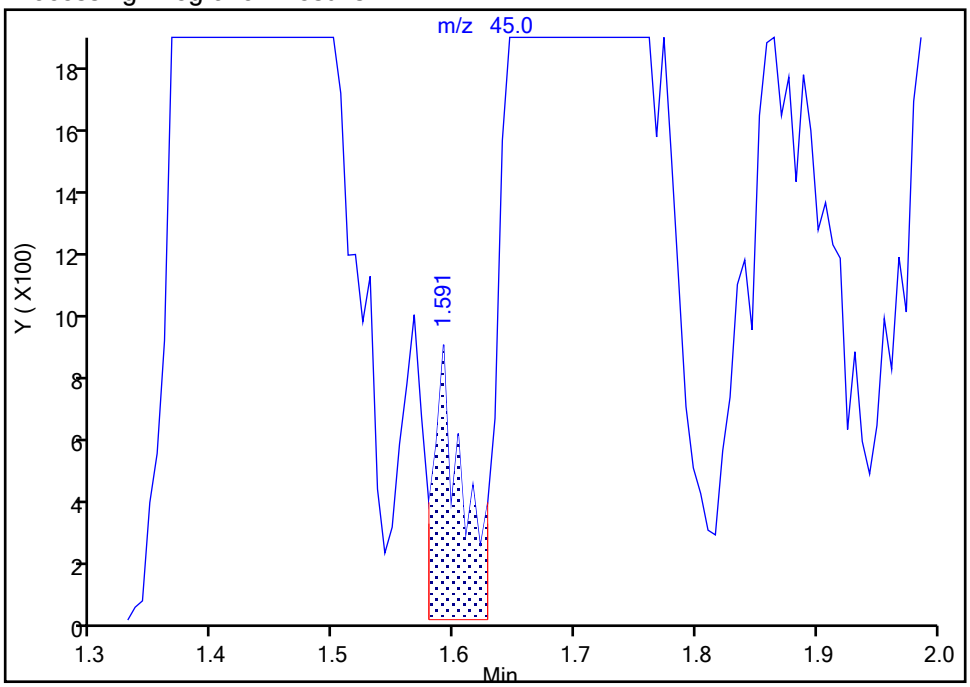
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

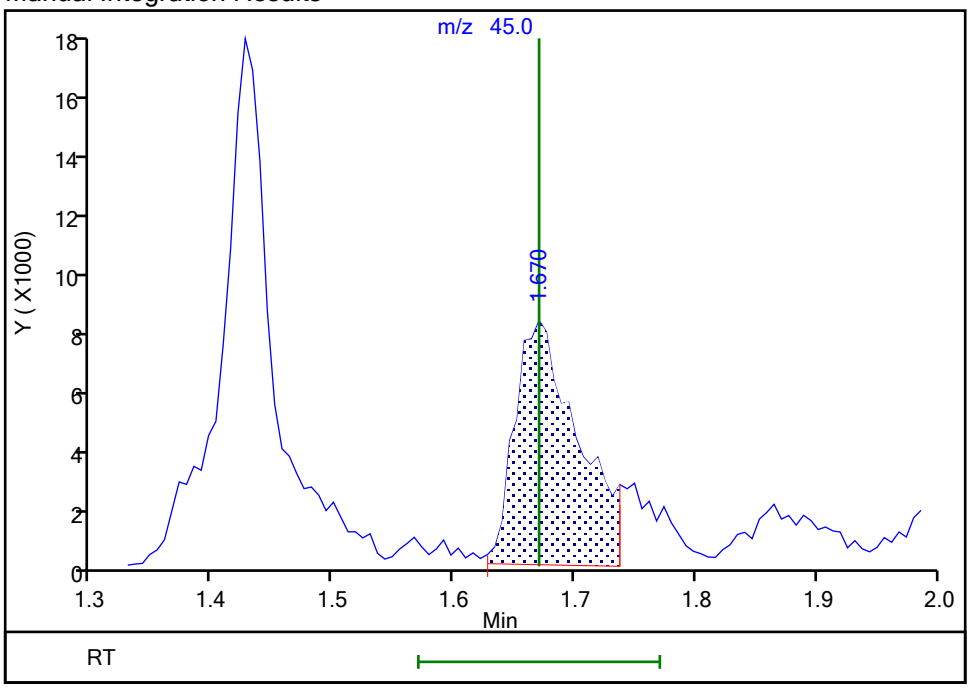
Processing Integration Results

RT: 1.59
Area: 1374
Amount: 11.761246
Amount Units: ug/l



Manual Integration Results

RT: 1.67
Area: 29151
Amount: 249.5285
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:58:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

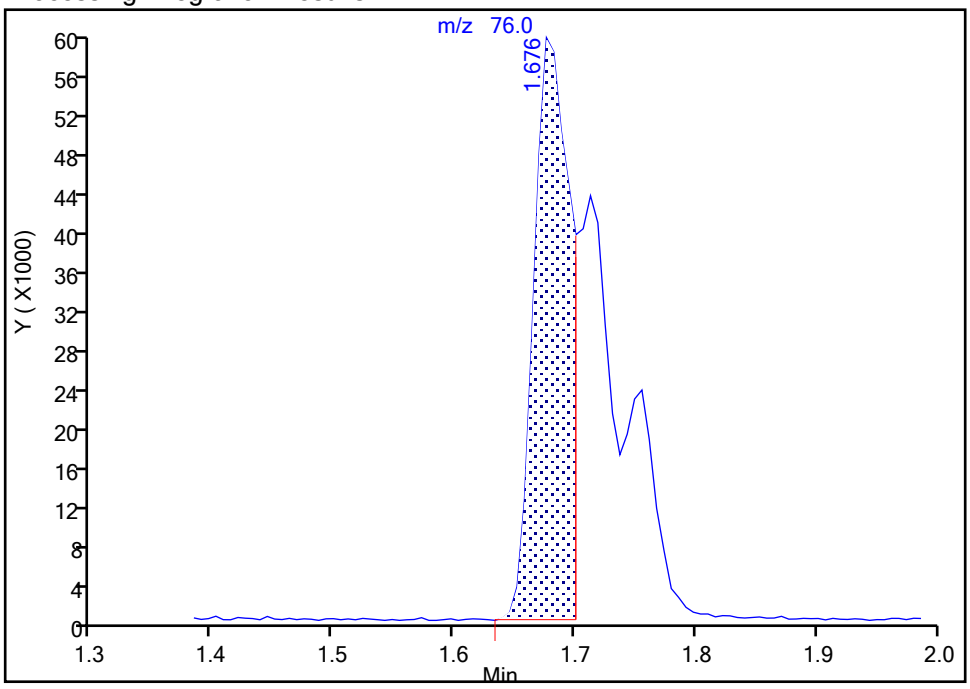
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

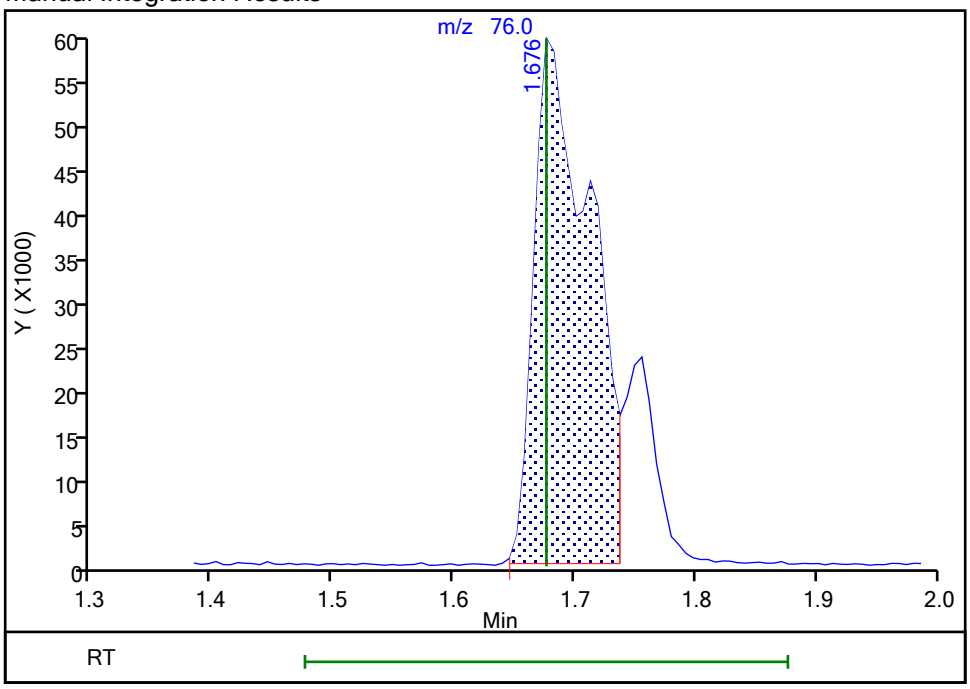
Processing Integration Results

RT: 1.68
Area: 125763
Amount: 10.750141
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 194801
Amount: 16.651466
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 14:18:50 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Assign Peak

Eurofins Edison

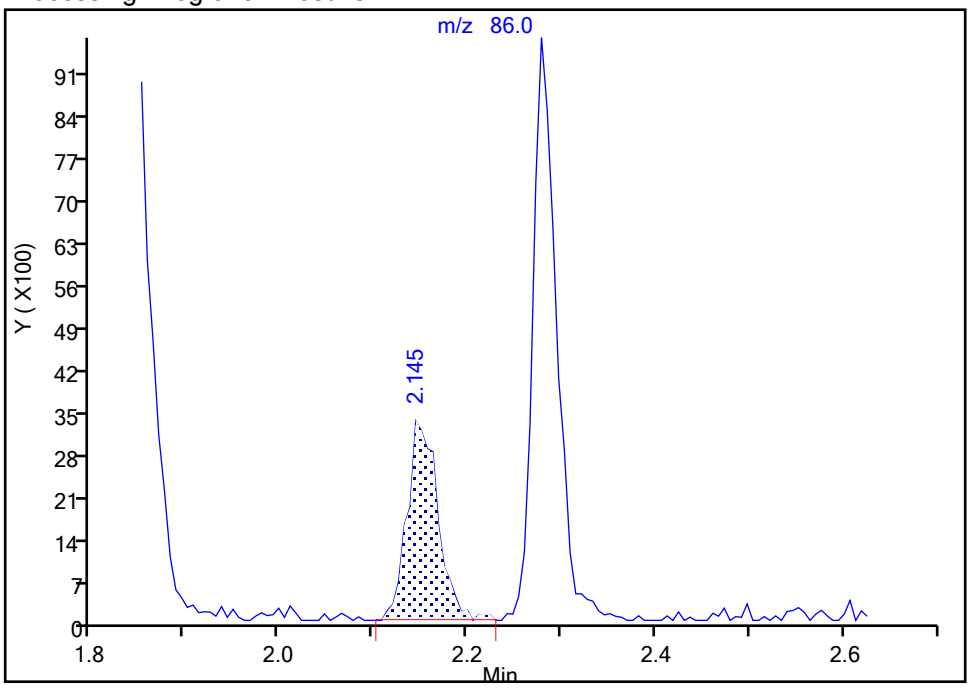
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Signal: 1

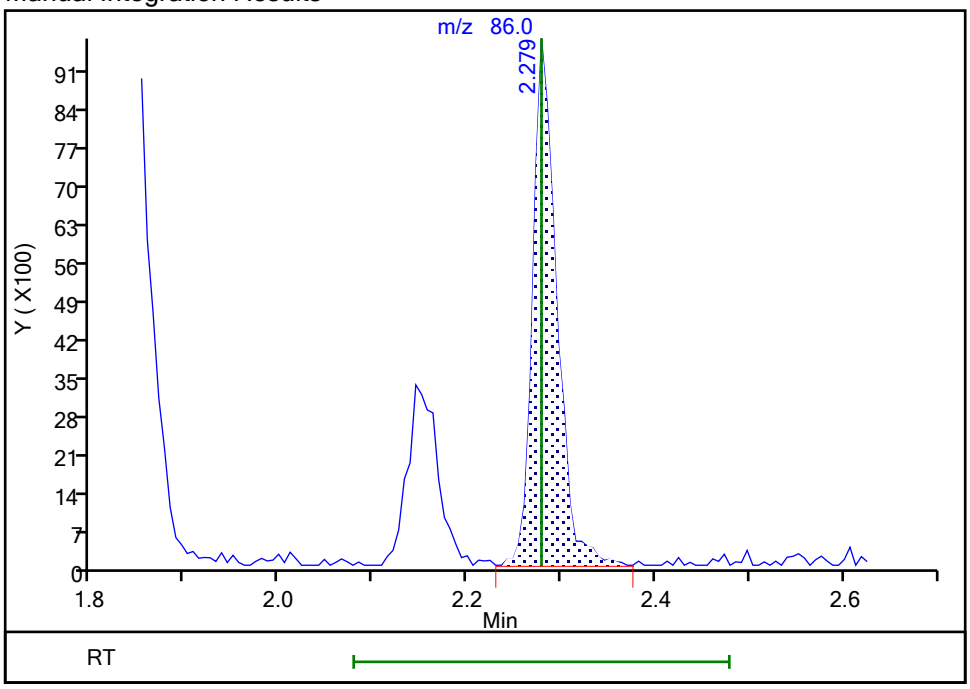
Processing Integration Results

RT: 2.14
Area: 7539
Amount: 17.974663
Amount Units: ug/l



Manual Integration Results

RT: 2.28
Area: 17074
Amount: 40.708236
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 08:56:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

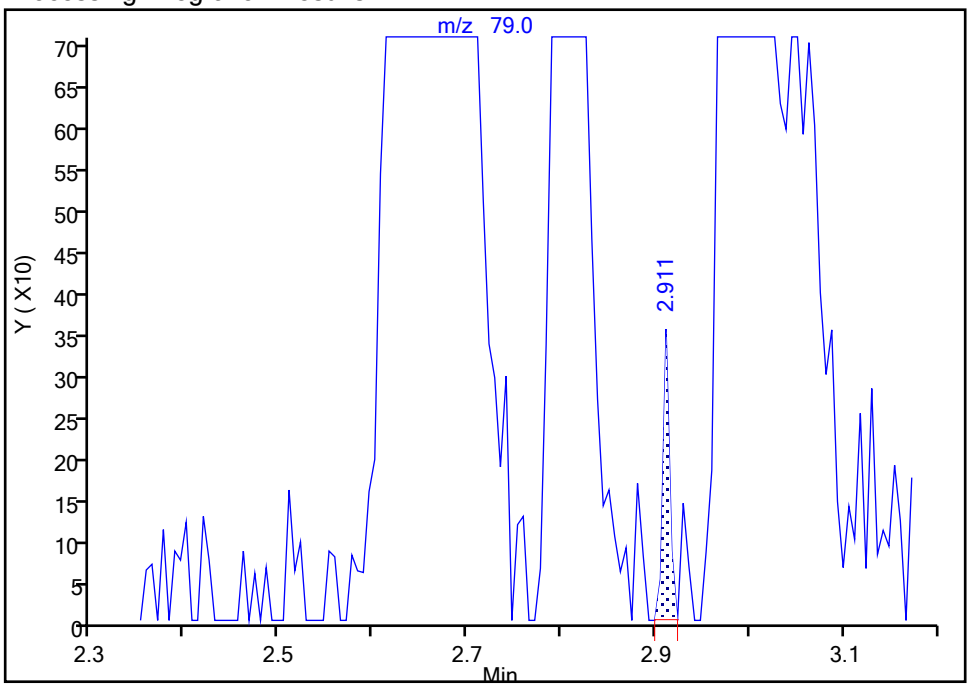
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

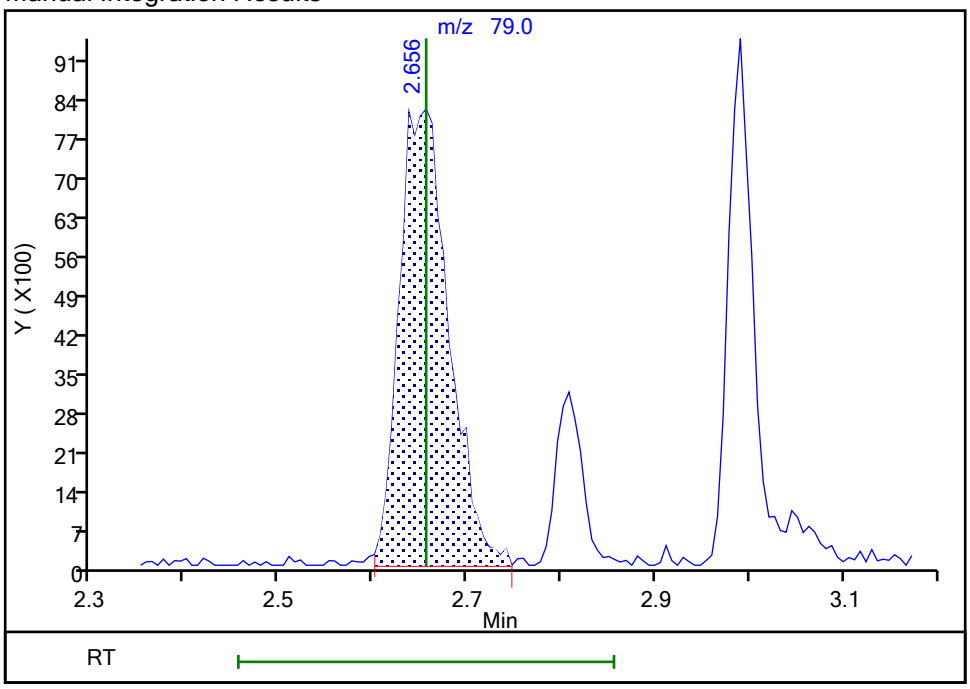
Processing Integration Results

RT: 2.91
Area: 178
Amount: -0.555275
Amount Units: ug/l



Manual Integration Results

RT: 2.66
Area: 30092
Amount: 19.759364
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:59:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

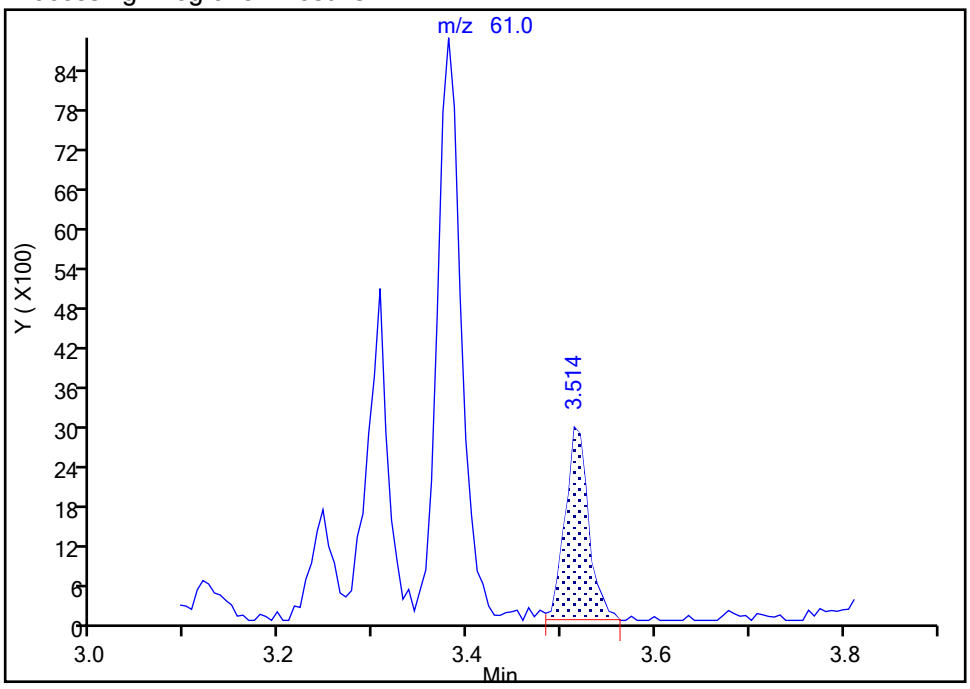
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

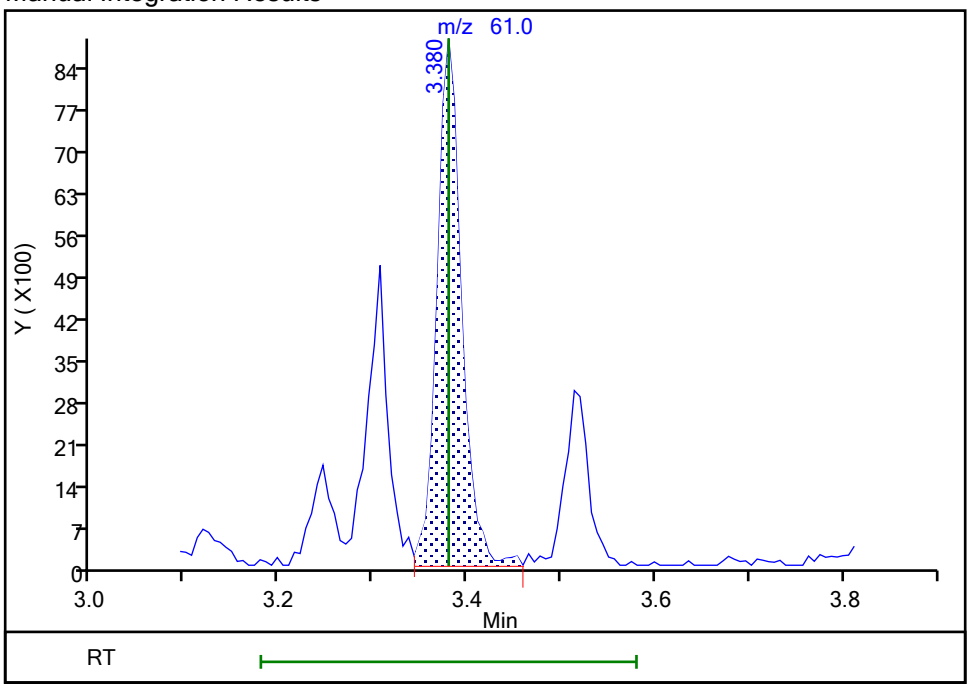
Processing Integration Results

RT: 3.51
Area: 5070
Amount: 5.496196
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 15934
Amount: 17.273448
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:59:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

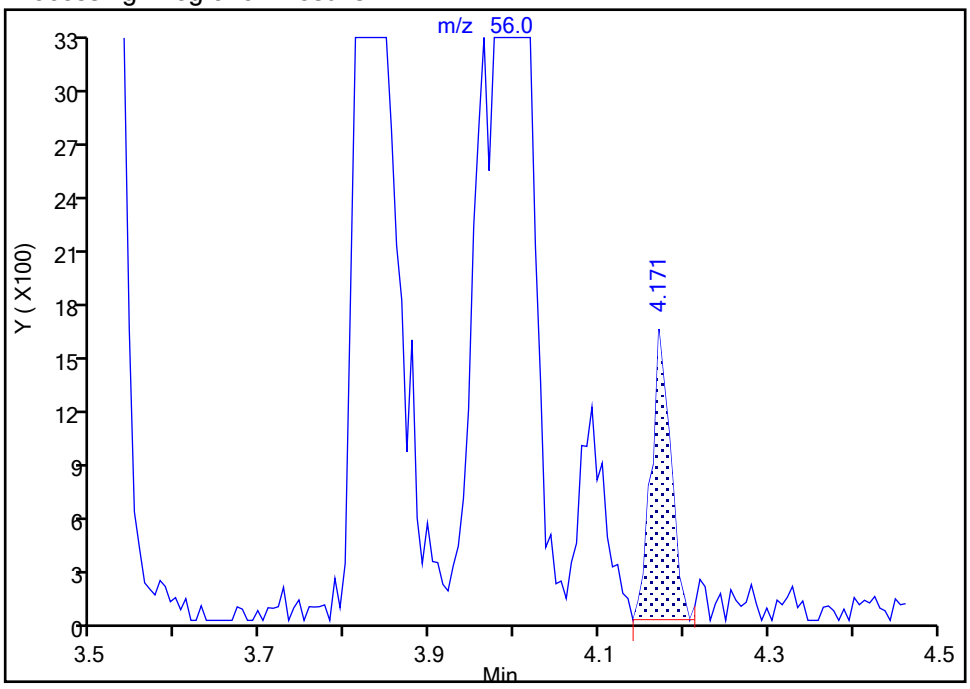
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 n-Butanol, CAS: 71-36-3

Signal: 1

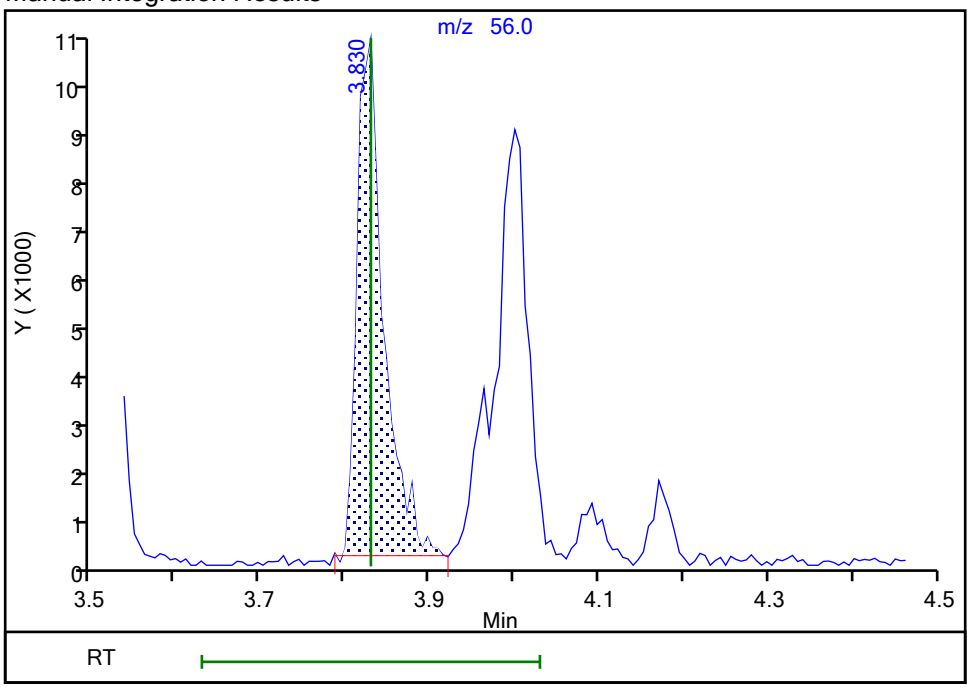
Processing Integration Results

RT: 4.17
Area: 2618
Amount: 54.080256
Amount Units: ug/l



Manual Integration Results

RT: 3.83
Area: 21911
Amount: 452.6174
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:59:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

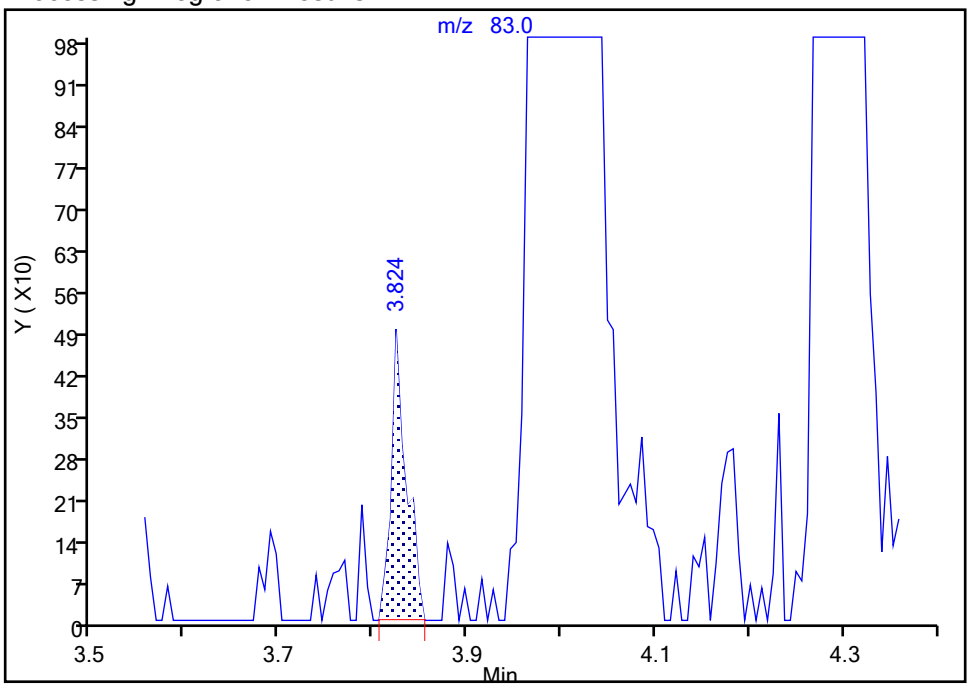
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73716.D
Injection Date: 22-Nov-2023 07:40:30 Instrument ID: CVOAMS11
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Signal: 1

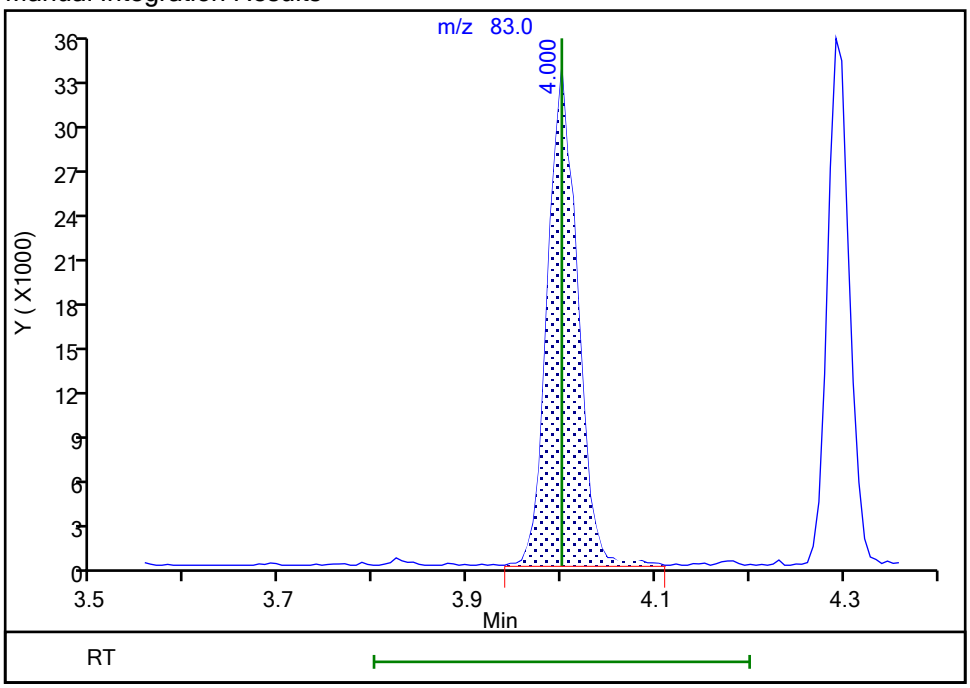
Processing Integration Results

RT: 3.82
Area: 551
Amount: 0.135473
Amount Units: ug/l



Manual Integration Results

RT: 4.00
Area: 73331
Amount: 18.029722
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 07:59:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-933881/21 Calibration Date: 09/23/2023 14:24

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P198052.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0492	0.0697		28.4	20.0	41.8*	30.0
Dichlorodifluoromethane	Ave	0.3238	0.3618	0.1000	22.3	20.0	11.7	30.0
Chlorodifluoromethane	Ave	0.5486	0.5515		20.1	20.0	0.5	30.0
Chloromethane	Ave	0.5162	0.4718	0.1000	18.3	20.0	-8.6	30.0
Vinyl chloride	Ave	0.3555	0.3324	0.1000	18.7	20.0	-6.5	30.0
Butadiene	Ave	0.3426	0.3322		19.4	20.0	-3.1	30.0
Bromomethane	Ave	11.82	9.96	0.1000	16.9	20.0	-15.7	30.0
Chloroethane	Ave	0.2185	0.2170	0.1000	19.9	20.0	-0.7	30.0
Pentane	Ave	4.535	4.294		37.9	40.0	-5.3	30.0
Trichlorofluoromethane	Ave	0.3833	0.4045	0.1000	21.1	20.0	5.5	30.0
Dichlorofluoromethane	Ave	0.4717	0.5188		22.0	20.0	10.0	30.0
2-Methyl-1,3-butadiene	Ave	0.3691	0.3481		18.9	20.0	-5.7	30.0
Ethyl ether	Lin2		0.1519		17.6	20.0	-12.2	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.0982	0.0961		19.6	20.0	-2.2	30.0
1,1-Dichloroethene	Ave	0.2020	0.1602	0.1000	15.9	20.0	-20.7	30.0
Carbon disulfide	Ave	0.7475	0.4914	0.1000	13.1	20.0	-34.3*	30.0
Ethanol	Ave	0.0919	0.0816		711	800	-11.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3365	0.3261		19.4	20.0	-3.1	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2030	0.1829	0.1000	18.0	20.0	-9.9	30.0
Iodomethane	QuaF		0.1271		12.4	20.0	-38.0*	30.0
Cyclopentene	Ave	0.5148	0.5015		19.5	20.0	-2.6	30.0
Acrolein	Ave	2.262	1.957		34.2	39.5	-13.5	30.0
3-Chloro-1-propene	Ave	0.1403	0.1094		15.6	20.0	-22.0	30.0
Isopropyl alcohol	Ave	0.8537	0.7543		177	200	-11.7	30.0
Methylene Chloride	Ave	0.2441	0.2038	0.1000	16.7	20.0	-16.5	30.0
Acetone	Ave	0.6944	0.5703	0.0500	82.1	100	-17.9	30.0
trans-1,2-Dichloroethene	Ave	0.2284	0.1759	0.1000	15.4	20.0	-23.0	30.0
Methyl acetate	Ave	2.306	1.944	0.1000	33.7	40.0	-15.7	30.0
Hexane	Ave	0.0501	0.0360		14.4	20.0	-28.1	30.0
Methyl tert-butyl ether	Ave	0.5395	0.4846	0.1000	18.0	20.0	-10.2	30.0
2-Methyl-2-propanol	Ave	1.031	0.8660		168	200	-16.0	30.0
Acetonitrile	Ave	1.888	1.644		174	200	-12.9	30.0
Isopropyl ether	Ave	0.8632	0.7808		18.1	20.0	-9.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2170	0.1935		17.8	20.0	-10.8	30.0
1,1-Dichloroethane	Ave	0.4847	0.4111	0.2000	17.0	20.0	-15.2	30.0
Acrylonitrile	Ave	0.0597	0.0548		183	200	-8.3	30.0
Tert-butyl ethyl ether	Ave	0.7071	0.6620		18.7	20.0	-6.4	30.0
Vinyl acetate	Ave	0.2660	0.2298		34.6	40.0	-13.6	30.0
cis-1,2-Dichloroethene	Ave	0.2493	0.2055	0.1000	16.5	20.0	-17.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-933881/21 Calibration Date: 09/23/2023 14:24

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P198052.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0686	0.0569		16.6	20.0	-17.0	30.0
Chlorobromomethane	Ave	0.0990	0.0876		17.7	20.0	-11.5	30.0
Cyclohexane	Ave	0.4159	0.3397	0.1000	16.3	20.0	-18.3	30.0
Chloroform	Ave	0.4172	0.3671	0.2000	17.6	20.0	-12.0	30.0
Ethyl acetate	Lin2		0.2059		34.0	40.0	-15.1	30.0
Methyl acrylate	Ave	0.1358	0.1299		19.1	20.0	-4.3	30.0
Carbon tetrachloride	Ave	0.3026	0.2508	0.1000	16.6	20.0	-17.1	30.0
Tetrahydrofuran	Ave	0.9948	0.8168		32.8	40.0	-17.9	30.0
1,1,1-Trichloroethane	Ave	0.3685	0.3191	0.1000	17.3	20.0	-13.4	30.0
Methyl Ethyl Ketone	Ave	0.2832	0.2401	0.0500	84.8	100	-15.2	30.0
1,1-Dichloropropene	Ave	0.1118	0.0878		15.7	20.0	-21.4	30.0
Isooctane	Ave	0.5231	0.4891		18.7	20.0	-6.5	30.0
n-Heptane	Ave	0.1219	0.0961		15.8	20.0	-21.2	30.0
Benzene	Ave	1.340	1.099	0.5000	16.4	20.0	-18.0	30.0
Propionitrile	Ave	1.947	1.744		179	200	-10.4	30.0
Methacrylonitrile	Ave	0.0598	0.0584		195	200	-2.3	30.0
Tert-amyl methyl ether	Ave	0.5641	0.5404		19.2	20.0	-4.2	30.0
1,2-Dichloroethane	Ave	0.3032	0.2764	0.1000	18.2	20.0	-8.8	30.0
Isobutyl alcohol	Ave	0.5531	0.4938		446	500	-10.7	30.0
Isopropyl acetate	Ave	0.3082	0.3100		20.1	20.0	0.6	30.0
Methylcyclohexane	Ave	0.3375	0.2808	0.1000	16.6	20.0	-16.8	30.0
Trichloroethene	Ave	0.2498	0.2170	0.2000	17.4	20.0	-13.1	30.0
n-Butanol	Ave	0.2932	0.2815		480	500	-4.0	30.0
Dibromomethane	Ave	0.1133	0.1074		19.0	20.0	-5.2	30.0
1,2-Dichloropropane	Ave	0.2653	0.2293	0.1000	17.3	20.0	-13.6	30.0
Ethyl acrylate	Ave	0.1982	0.1861		18.8	20.0	-6.1	30.0
Bromodichloromethane	Ave	0.3096	0.2742	0.2000	17.7	20.0	-11.4	30.0
Methyl methacrylate	Ave	0.0373	0.0364		39.1	40.0	-2.3	30.0
1,4-Dioxane	Ave	0.9830	0.9219		375	400	-6.2	30.0
n-Propyl acetate	Ave	0.2074	0.2083		20.1	20.0	0.5	30.0
2-Chloroethyl vinyl ether	Ave	0.0709	0.0613		17.3	20.0	-13.5	30.0
cis-1,3-Dichloropropene	Ave	0.5366	0.4210	0.2000	15.7	20.0	-21.5	30.0
Toluene	Ave	1.416	1.133	0.4000	16.0	20.0	-20.0	30.0
Epichlorohydrin	QuaF		0.1093		17.8	20.0	-11.1	30.0
2-Nitropropane	Lin2		0.0439		41.9	40.0	4.6	30.0
Tetrachloroethene	Ave	0.3022	0.2462	0.2000	16.3	20.0	-18.5	30.0
methyl isobutyl ketone	Ave	2.282	2.019	0.0500	88.5	100	-11.5	30.0
trans-1,3-Dichloropropene	Ave	0.4479	0.3990	0.1000	17.8	20.0	-10.9	30.0
1,1,2-Trichloroethane	Ave	0.1858	0.1710	0.1000	18.4	20.0	-7.9	30.0
Ethyl methacrylate	Ave	0.2057	0.1913		18.6	20.0	-7.0	30.0
Dibromochloromethane	Ave	0.2478	0.2185	0.1000	17.6	20.0	-11.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-933881/21 Calibration Date: 09/23/2023 14:24

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P198052.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4065	0.3633		17.9	20.0	-10.6	30.0
Ethylene Dibromide	Ave	0.2020	0.1828	0.1000	18.1	20.0	-9.5	30.0
n-Butyl acetate	Ave	0.3354	0.3050		18.2	20.0	-9.1	30.0
2-Hexanone	Ave	1.570	1.381	0.0500	88.0	100	-12.0	30.0
Chlorobenzene	Ave	0.8492	0.7254	0.5000	17.1	20.0	-14.6	30.0
Ethylbenzene	Ave	0.4715	0.3933	0.1000	16.7	20.0	-16.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2806	0.2488		17.7	20.0	-11.3	30.0
m-Xylene & p-Xylene	Ave	0.5754	0.4728	0.1000	16.4	20.0	-17.8	30.0
o-Xylene	Ave	0.5644	0.4610	0.3000	16.3	20.0	-18.3	30.0
Bromoform	Ave	0.1380	0.1171	0.1000	17.0	20.0	-15.2	30.0
Styrene	Ave	0.9281	0.7890	0.3000	17.0	20.0	-15.0	30.0
n-Butyl acrylate	Ave	0.1715	0.1600		18.7	20.0	-6.7	30.0
Isopropylbenzene	Ave	1.441	1.246	0.1000	17.3	20.0	-13.5	30.0
Amyl acetate (mixed isomers)	Ave	0.8689	0.8013		18.4	20.0	-7.8	30.0
Bromobenzene	Ave	0.6549	0.5629		17.2	20.0	-14.0	30.0
N-Propylbenzene	Ave	3.517	2.954		16.8	20.0	-16.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4116	0.3770	0.3000	18.3	20.0	-8.4	30.0
2-Chlorotoluene	Ave	2.438	2.062		16.9	20.0	-15.4	30.0
4-Ethyltoluene	Ave	2.892	2.532		17.5	20.0	-12.5	30.0
1,2,3-Trichloropropane	Ave	0.1256	0.1175		18.7	20.0	-6.4	30.0
1,3,5-Trimethylbenzene	Ave	2.406	1.997		16.6	20.0	-17.0	30.0
trans-1,4-Dichloro-2-butene	Lin2		0.1583		18.6	20.0	-6.9	30.0
4-Chlorotoluene	Ave	2.189	1.838		16.8	20.0	-16.1	30.0
tert-Butylbenzene	Ave	1.968	1.633		16.6	20.0	-17.0	30.0
Butyl Methacrylate	Ave	0.7403	0.6674		18.0	20.0	-9.8	30.0
1,2,4-Trimethylbenzene	Ave	2.485	2.047		16.5	20.0	-17.6	30.0
sec-Butylbenzene	Ave	2.787	2.392		17.2	20.0	-14.2	30.0
1,3-Dichlorobenzene	Ave	1.228	1.083	0.6000	17.6	20.0	-11.8	30.0
4-Isopropyltoluene	Ave	2.399	2.011		16.8	20.0	-16.2	30.0
1,4-Dichlorobenzene	Ave	1.239	1.099	0.5000	17.7	20.0	-11.3	30.0
1,2,3-Trimethylbenzene	Ave	2.491	2.209		17.7	20.0	-11.3	30.0
Indan	Ave	2.215	2.067		18.7	20.0	-6.7	30.0
Benzyl chloride	Ave	0.1729	0.1622		18.8	20.0	-6.2	30.0
p-Diethylbenzene	Ave	1.398	1.285		18.4	20.0	-8.1	30.0
n-Butylbenzene	Ave	2.137	1.846		17.3	20.0	-13.6	30.0
1,2-Dichlorobenzene	Ave	1.062	0.9703	0.4000	18.3	20.0	-8.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.044	1.912		18.7	20.0	-6.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0625	0.0608	0.0500	19.4	20.0	-2.8	30.0
1,3,5-Trichlorobenzene	Ave	0.7417	0.6940		18.7	20.0	-6.4	30.0
1,2,4-Trichlorobenzene	Ave	0.5040	0.4874	0.2000	19.3	20.0	-3.3	30.0
Hexachlorobutadiene	Ave	0.2216	0.2094		18.9	20.0	-5.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: ICV 460-933881/21 Calibration Date: 09/23/2023 14:24

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P198052.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	0.7999	0.7471		18.7	20.0	-6.6	30.0
2-Ethylhexyl acrylate	Ave	0.7228	0.7198		19.9	20.0	-0.4	30.0
1,2,3-Trichlorobenzene	Ave	0.2842	0.2797		19.7	20.0	-1.6	30.0
Dibromofluoromethane (Surr)	Ave	0.1796	0.1766		49.2	50.0	-1.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2174	0.2184		50.2	50.0	0.5	30.0
Toluene-d8 (Surr)	Ave	1.085	1.045		48.2	50.0	-3.7	30.0
4-Bromofluorobenzene	Ave	0.3302	0.3368		51.0	50.0	2.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198052.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Sep-2023 14:24:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0166364-021
Operator ID: Instrument ID: CVOAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Sep-2023 09:37:11 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 23-Sep-2023 14:53:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.995	0.995	0.000	87	17134	20.0	28.4	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	98	88896	20.0	22.3	
168 Chlorodifluoromethane	51	1.060	1.053	0.007	95	135478	20.0	20.1	
7 Vinyl chloride	62	1.160	1.160	0.000	95	81667	20.0	18.7	
6 Chloromethane	50	1.160	1.160	0.000	99	115906	20.0	18.3	
175 Butadiene	54	1.167	1.167	0.000	94	81608	20.0	19.4	
9 Bromomethane	94	1.346	1.346	0.000	97	25272	20.0	16.9	
10 Chloroethane	64	1.418	1.411	0.007	99	53304	20.0	19.9	
11 Pentane	72	1.489	1.482	0.007	96	21787	40.0	37.9	
12 Trichlorofluoromethane	101	1.489	1.489	0.000	64	99373	20.0	21.1	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	98	127445	20.0	22.0	
14 2-Methyl-1,3-butadiene	67	1.661	1.661	0.000	96	85515	20.0	18.9	
15 Ethyl ether	59	1.668	1.669	-0.001	94	37314	20.0	17.6	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.776	0.000	97	23602	20.0	19.6	
17 1,1-Dichloroethene	96	1.783	1.783	0.000	95	39367	20.0	15.9	
16 Ethanol	46	1.805	1.805	0.000	35	8284	800.0	710.7	a
19 Carbon disulfide	76	1.805	1.805	0.000	100	120731	20.0	13.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.812	1.805	0.007	87	44938	20.0	18.0	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.812	0.000	96	80112	20.0	19.4	
22 Iodomethane	142	1.876	1.876	0.000	99	31228	20.0	12.4	
169 Cyclopentene	67	1.962	1.962	0.000	96	123209	20.0	19.5	
24 Acrolein	56	1.976	1.977	-0.001	95	9807	39.5	34.2	
164 3-Chloro-1-propene	76	2.070	2.070	0.000	28	26869	20.0	15.6	
26 Isopropyl alcohol	45	2.084	2.084	0.000	97	19134	200.0	176.7	
27 Methylene Chloride	84	2.141	2.141	0.000	98	50061	20.0	16.7	
28 Acetone	43	2.156	2.156	0.000	85	47365	100.0	82.1	
29 trans-1,2-Dichloroethene	96	2.234	2.234	0.000	98	43203	20.0	15.4	
30 Methyl acetate	74	2.241	2.242	-0.001	99	9864	40.0	33.7	
31 Hexane	86	2.292	2.292	0.000	93	8849	20.0	14.4	
32 Methyl tert-butyl ether	73	2.306	2.306	0.000	86	119061	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.313	2.313	0.000	100	126840	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.363	2.363	0.000	98	21969	200.0	168.0	
35 Acetonitrile	41	2.464	2.464	0.000	97	41711	200.0	174.1	
36 Isopropyl ether	45	2.564	2.557	0.007	96	191823	20.0	18.1	
37 2-Chloro-1,3-butadiene	88	2.628	2.628	0.000	94	47529	20.0	17.8	
38 1,1-Dichloroethane	63	2.643	2.643	0.000	99	100985	20.0	17.0	
39 Acrylonitrile	53	2.664	2.664	0.000	92	134517	200.0	183.4	
41 Vinyl acetate	43	2.815	2.815	0.000	82	112931	40.0	34.6	
40 Tert-butyl ethyl ether	59	2.815	2.815	0.000	84	162645	20.0	18.7	
42 cis-1,2-Dichloroethene	96	3.022	3.022	0.000	92	50491	20.0	16.5	
43 2,2-Dichloropropane	97	3.101	3.101	0.000	95	13981	20.0	16.6	
45 Chlorobromomethane	128	3.173	3.173	0.000	97	21528	20.0	17.7	
44 Cyclohexane	56	3.180	3.180	0.000	95	83464	20.0	16.3	
46 Chloroform	83	3.237	3.237	0.000	97	90176	20.0	17.6	
48 Ethyl acetate	70	3.330	3.330	0.000	98	6839	40.0	34.0	
49 Methyl acrylate	55	3.337	3.338	-0.001	97	31915	20.0	19.1	
47 Carbon tetrachloride	117	3.345	3.345	0.000	97	61616	20.0	16.6	
50 Tetrahydrofuran	42	3.359	3.359	0.000	91	27137	40.0	32.8	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.381	-0.008	96	108463	50.0	49.2	
52 1,1,1-Trichloroethane	97	3.395	3.395	0.000	97	78398	20.0	17.3	
* 53 2-Butanone-d5	46	3.423	3.431	-0.008	99	207644	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.466	0.000	98	19945	100.0	84.8	
55 1,1-Dichloropropene	110	3.495	3.495	0.000	92	21578	20.0	15.7	
56 Isooctane	57	3.595	3.595	0.000	97	120167	20.0	18.7	
57 n-Heptane	57	3.688	3.689	-0.001	93	23604	20.0	15.8	
58 Benzene	78	3.696	3.696	0.000	98	202736	20.0	16.4	
59 Propionitrile	54	3.703	3.703	0.000	95	44242	200.0	179.1	
60 Methacrylonitrile	67	3.717	3.717	0.000	95	143531	200.0	195.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.803	3.803	0.000	0	134130	50.0	50.2	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	97	132752	20.0	19.2	
63 1,2-Dichloroethane	62	3.860	3.860	0.000	97	67905	20.0	18.2	
64 Isobutyl alcohol	43	3.918	3.918	0.000	97	31314	500.0	446.4	
* 66 Fluorobenzene	96	4.061	4.054	0.007	98	614189	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	97	76164	20.0	20.1	
68 Methylcyclohexane	83	4.211	4.211	0.000	92	68976	20.0	16.6	
69 Trichloroethene	130	4.218	4.219	-0.001	96	53306	20.0	17.4	
72 n-Butanol	56	4.591	4.584	0.007	95	17850	500.0	479.9	
71 Dibromomethane	93	4.605	4.605	0.000	94	26392	20.0	19.0	
73 1,2-Dichloropropane	63	4.706	4.699	0.007	85	56339	20.0	17.3	
74 Ethyl acrylate	55	4.763	4.763	0.000	98	45731	20.0	18.8	
75 Dichlorobromomethane	83	4.784	4.784	0.000	97	67375	20.0	17.7	
* 76 1,4-Dioxane-d8	96	4.963	4.956	0.007	77	16955	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.971	0.000	92	17876	40.0	39.1	
78 1,4-Dioxane	88	4.992	4.992	0.000	96	6252	400.0	375.1	
79 n-Propyl acetate	43	5.135	5.128	0.007	99	51180	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	5.408	5.408	0.000	95	15068	20.0	17.3	
81 cis-1,3-Dichloropropene	75	5.458	5.458	0.000	98	77633	20.0	15.7	
$ 82 Toluene-d8 (Surr)	98	5.658	5.658	0.000	98	481658	50.0	48.2	
83 Toluene	91	5.716	5.716	0.000	93	208844	20.0	16.0	
84 Epichlorohydrin	57	5.730	5.730	0.000	91	1816	20.0	17.8	
85 2-Nitropropane	41	5.966	5.966	0.000	98	21591	40.0	41.9	
86 Tetrachloroethene	166	6.167	6.167	0.000	93	45396	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.188	6.181	0.007	99	167686	100.0	88.5	
88 trans-1,3-Dichloropropene	75	6.224	6.224	0.000	97	73573	20.0	17.8	
89 1,1,2-Trichloroethane	83	6.410	6.410	0.000	93	31537	20.0	18.4	
90 Ethyl methacrylate	69	6.482	6.475	0.007	90	46987	20.0	18.6	
91 Chlorodibromomethane	129	6.625	6.625	0.000	96	40289	20.0	17.6	
92 1,3-Dichloropropane	76	6.740	6.740	0.000	97	66993	20.0	17.9	
93 Ethylene Dibromide	107	6.876	6.876	0.000	99	33712	20.0	18.1	
94 n-Butyl acetate	43	7.205	7.198	0.007	97	56232	20.0	18.2	
95 2-Hexanone	43	7.270	7.270	0.000	98	114711	100.0	88.0	
* 96 Chlorobenzene-d5	117	7.585	7.585	0.000	90	460981	50.0	50.0	
97 Chlorobenzene	112	7.607	7.607	0.000	93	133755	20.0	17.1	
98 Ethylbenzene	106	7.693	7.693	0.000	99	72517	20.0	16.7	
99 1,1,1,2-Tetrachloroethane	131	7.721	7.721	0.000	92	45882	20.0	17.7	
100 m-Xylene & p-Xylene	106	7.907	7.908	-0.001	0	87180	20.0	16.4	
101 o-Xylene	106	8.509	8.509	0.000	92	85012	20.0	16.3	
102 Bromoform	173	8.581	8.581	0.000	93	21594	20.0	17.0	
103 Styrene	104	8.595	8.595	0.000	93	145485	20.0	17.0	
104 n-Butyl acrylate	73	8.903	8.903	0.000	95	29507	20.0	18.7	
105 Isopropylbenzene	105	9.003	9.004	-0.001	97	229798	20.0	17.3	
106 Amyl acetate (mixed isomers)	43	9.319	9.319	0.000	87	76604	20.0	18.4	
$ 107 4-Bromofluorobenzene	174	9.383	9.383	0.000	85	155238	50.0	51.0	
108 Bromobenzene	156	9.498	9.505	-0.007	94	53813	20.0	17.2	
109 N-Propylbenzene	91	9.648	9.648	0.000	98	282413	20.0	16.8	
110 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	36035	20.0	18.3	
111 2-Chlorotoluene	91	9.827	9.827	0.000	97	197107	20.0	16.9	
172 4-Ethyltoluene	105	9.834	9.834	0.000	98	242002	20.0	17.5	
113 1,2,3-Trichloropropane	110	9.927	9.928	-0.001	95	11236	20.0	18.7	
114 1,3,5-Trimethylbenzene	105	9.992	9.992	0.000	92	190874	20.0	16.6	
115 trans-1,4-Dichloro-2-butene	53	10.042	10.042	0.000	87	15133	20.0	18.6	
116 4-Chlorotoluene	91	10.092	10.099	-0.007	99	175664	20.0	16.8	
117 tert-Butylbenzene	119	10.472	10.472	0.000	92	156099	20.0	16.6	
119 Butyl Methacrylate	87	10.579	10.579	0.000	99	63804	20.0	18.0	
118 1,2,4-Trimethylbenzene	105	10.601	10.601	0.000	98	195680	20.0	16.5	
120 sec-Butylbenzene	105	10.773	10.773	0.000	98	228659	20.0	17.2	
121 1,3-Dichlorobenzene	146	11.038	11.038	0.000	93	103575	20.0	17.6	
122 4-Isopropyltoluene	119	11.045	11.045	0.000	97	192228	20.0	16.8	
* 123 1,4-Dichlorobenzene-d4	152	11.167	11.167	0.000	98	238987	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.188	11.188	0.000	95	105050	20.0	17.7	
125 1,2,3-Trimethylbenzene	105	11.281	11.281	0.000	100	211177	20.0	17.7	
165 2,3-Dihydroindene	117	11.446	11.446	0.000	0	197579	20.0	18.7	
127 Benzyl chloride	126	11.582	11.582	0.000	97	15506	20.0	18.8	
167 p-Diethylbenzene	119	11.596	11.597	-0.001	92	122837	20.0	18.4	
129 n-Butylbenzene	91	11.661	11.668	-0.007	98	176445	20.0	17.3	
130 1,2-Dichlorobenzene	146	11.768	11.768	0.000	94	92753	20.0	18.3	
166 1,2,4,5-Tetramethylbenzene	119	12.571	12.571	0.000	97	182736	20.0	18.7	
132 1,2-Dibromo-3-Chloropropane	157	12.707	12.714	-0.007	90	5810	20.0	19.4	
133 1,3,5-Trichlorobenzene	180	12.757	12.757	0.000	96	66346	20.0	18.7	
134 1,2,4-Trichlorobenzene	180	13.387	13.387	0.000	93	46597	20.0	19.3	
135 Hexachlorobutadiene	225	13.401	13.402	-0.001	90	20018	20.0	18.9	
136 Naphthalene	128	13.667	13.667	0.000	98	71423	20.0	18.7	
178 2-Ethylhexyl acrylate	55	13.774	13.774	0.000	96	68805	20.0	19.9	a
137 1,2,3-Trichlorobenzene	180	13.824	13.824	0.000	93	26735	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		40.0	31.9	
S 140 Xylenes, Total	100				0		40.0	32.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260 SP_00170	Amount Added:	20.00	Units: uL	
GAS C SP_00533	Amount Added:	20.00	Units: uL	
7 Freons SS_00005	Amount Added:	20.00	Units: uL	
EthhexAcr_SS_00003	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00156	Amount Added:	4.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Sep-2023 09:37:14 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198052.D

Injection Date: 23-Sep-2023 14:24:30 Instrument ID: CVOAMS13 Operator ID:

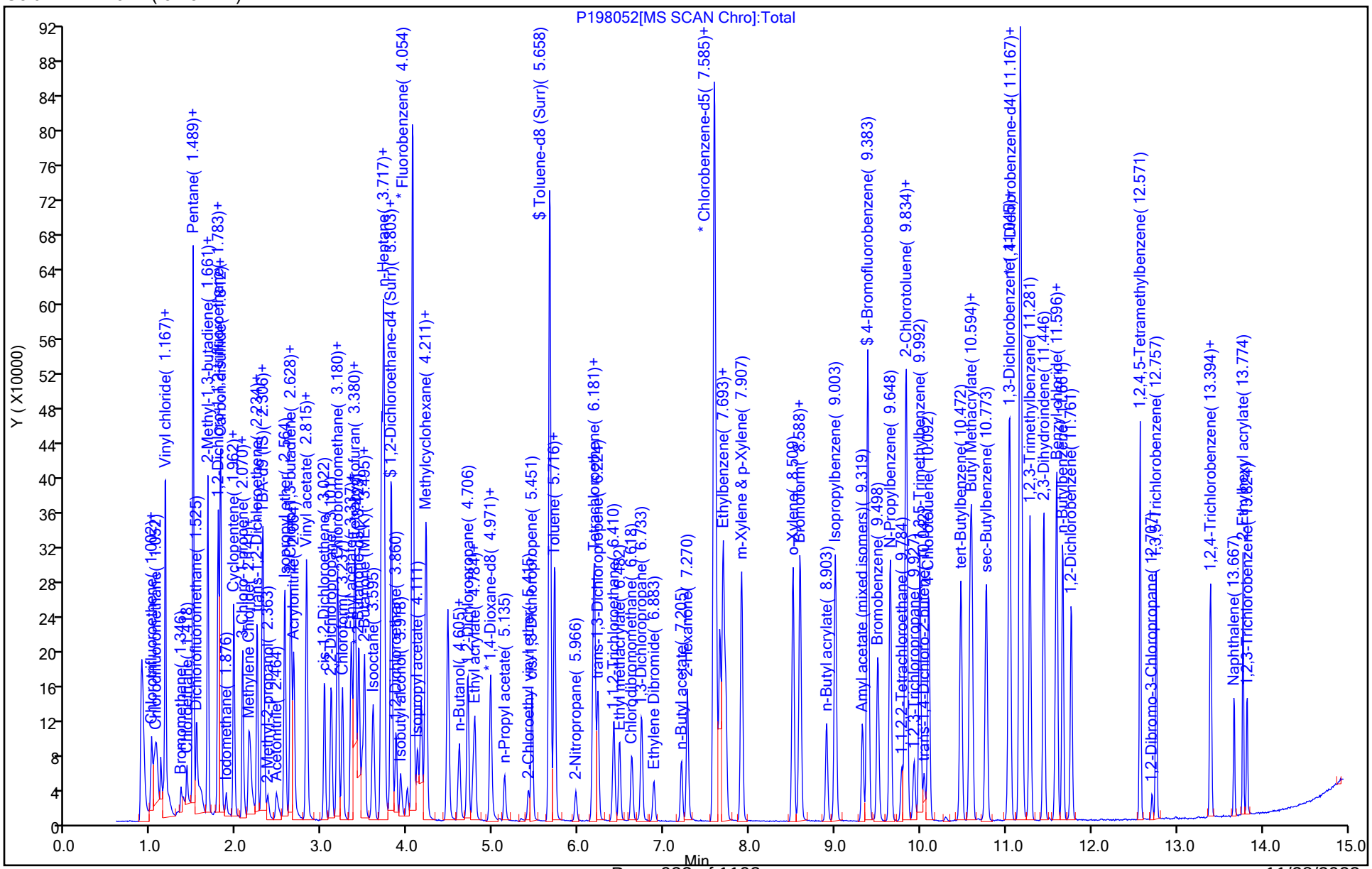
Lims ID: ICV Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

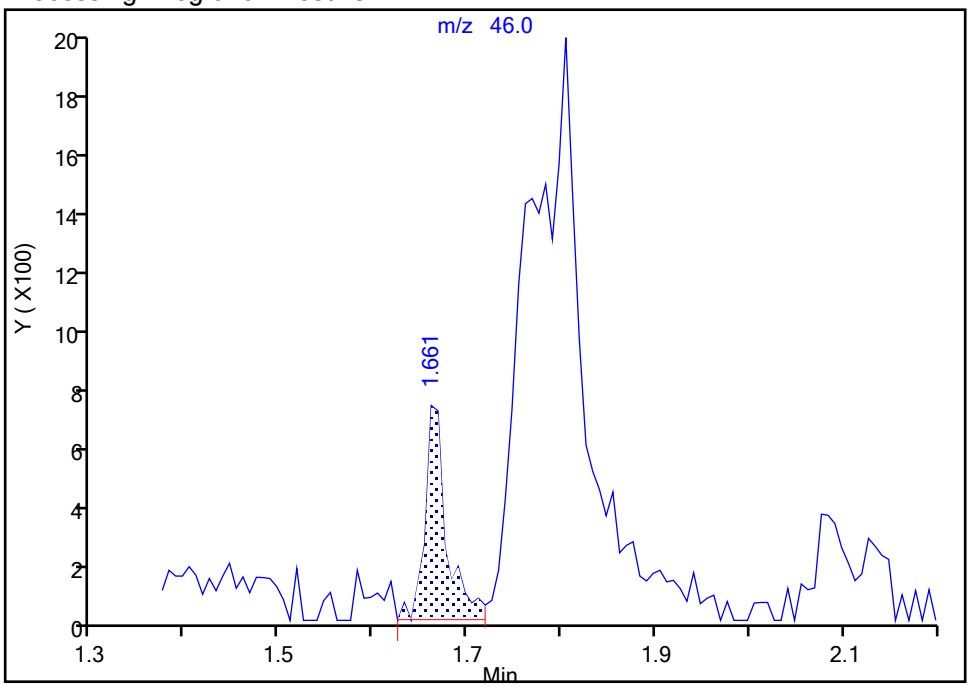
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198052.D
Injection Date: 23-Sep-2023 14:24:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

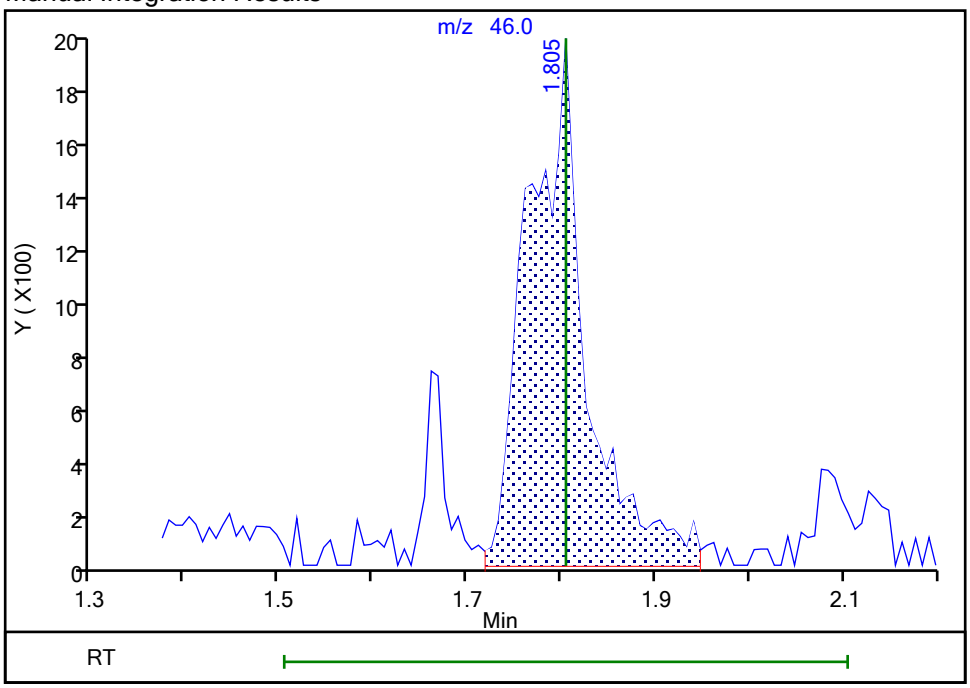
Processing Integration Results

RT: 1.66
Area: 1141
Amount: 114.7164
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 8284
Amount: 710.7366
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:52:07 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

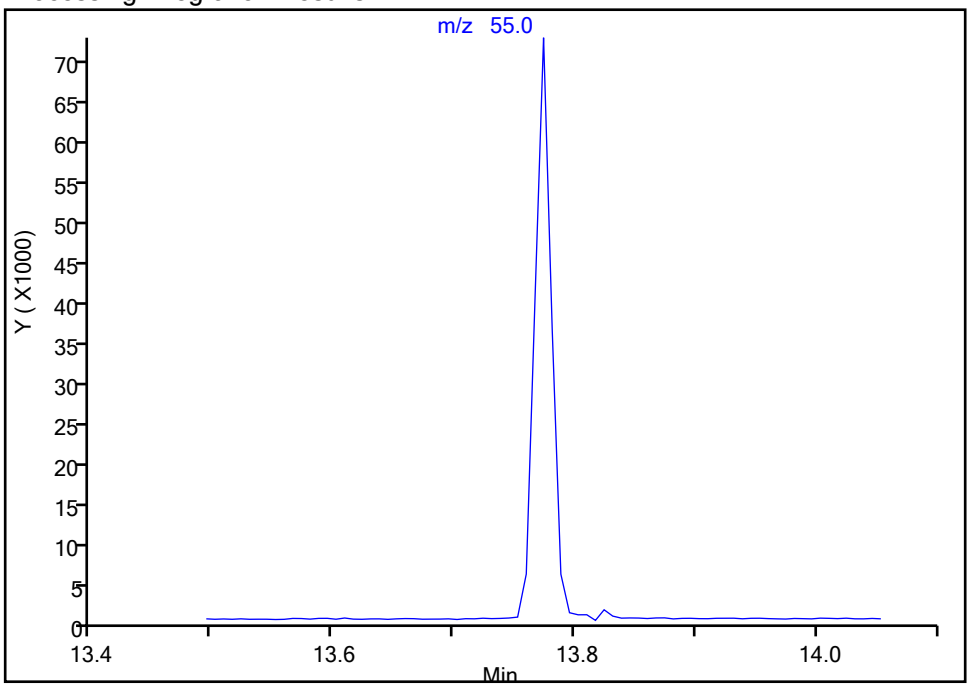
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198052.D				
Injection Date:	23-Sep-2023 14:24:30	Instrument ID:	CVOAMS13		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

178 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

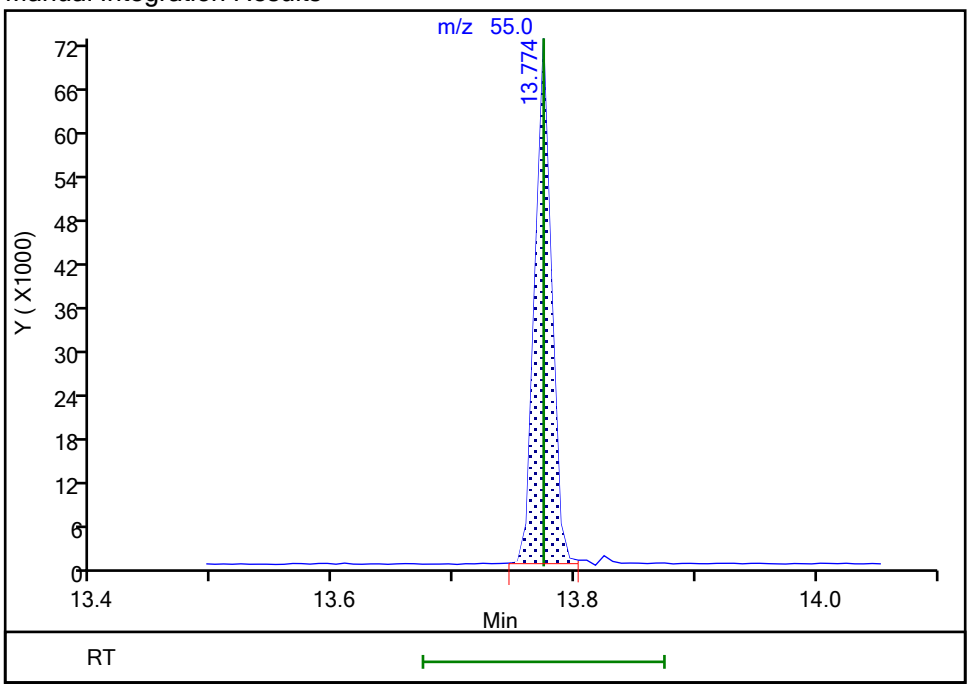
Not Detected
Expected RT: 13.77

Processing Integration Results



Manual Integration Results

RT: 13.77
Area: 68805
Amount: 19.916110
Amount Units: ug/l



Reviewer: RD6L, 23-Sep-2023 14:52:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946046/2 Calibration Date: 11/21/2023 19:04

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P22077.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0492	0.0414		16.8	20.0	-15.8	20.0
Dichlorodifluoromethane	Ave	0.3238	0.3461	0.1000	21.4	20.0	6.9	20.0
Chlorodifluoromethane	Ave	0.5486	0.6154		22.4	20.0	12.2	20.0
Butadiene	Ave	0.3426	0.3262		19.0	20.0	-4.8	20.0
Chloromethane	Ave	0.5162	0.5005	0.1000	19.4	20.0	-3.0	20.0
Vinyl chloride	Ave	0.3555	0.3344	0.1000	18.8	20.0	-6.0	20.0
Bromomethane	Ave	11.82	8.212	0.1000	13.9	20.0	-30.5	50.0
Chloroethane	Ave	0.2185	0.2113	0.1000	19.3	20.0	-3.3	50.0
Pentane	Ave	4.535	4.731		41.7	40.0	4.3	20.0
Trichlorofluoromethane	Ave	0.3833	0.3855	0.1000	20.1	20.0	0.6	20.0
Dichlorofluoromethane	Ave	0.4717	0.5385		22.8	20.0	14.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3691	0.3985		21.6	20.0	8.0	20.0
Ethyl ether	Lin2		0.1907		22.2	20.0	11.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.0982	0.1120		22.8	20.0	14.1	20.0
1,1-Dichloroethene	Ave	0.2020	0.2170	0.1000	21.5	20.0	7.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2030	0.2274	0.1000	22.4	20.0	12.0	20.0
Carbon disulfide	Ave	0.7475	0.8672	0.1000	23.2	20.0	16.0	50.0
Ethanol	Ave	0.0919	0.0976		850	800	6.2	50.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3365	0.3566		21.2	20.0	6.0	20.0
Iodomethane	QuaF		0.1449		14.1	20.0	-29.4*	20.0
Cyclopentene	Ave	0.5148	0.5783		22.5	20.0	12.3	20.0
Acrolein	Ave	2.262	2.206		39.0	40.0	-2.5	50.0
3-Chloro-1-propene	Ave	0.1403	0.1505		21.5	20.0	7.3	20.0
Isopropyl alcohol	Ave	0.8537	0.7751		182	200	-9.2	50.0
Methylene Chloride	Ave	0.2441	0.2697	0.1000	22.1	20.0	10.5	20.0
Acetone	Ave	0.6944	0.5807	0.0500	83.6	100	-16.4	50.0
trans-1,2-Dichloroethene	Ave	0.2284	0.2482	0.1000	21.7	20.0	8.7	20.0
Methyl acetate	Ave	2.306	2.295	0.1000	39.8	40.0	-0.5	20.0
Hexane	Ave	0.0501	0.0608		24.3	20.0	21.5*	20.0
Methyl tert-butyl ether	Ave	0.5395	0.5925	0.1000	22.0	20.0	9.8	20.0
2-Methyl-2-propanol	Ave	1.031	0.9584		186	200	-7.1	50.0
Acetonitrile	Ave	1.888	2.189		232	200	15.9	20.0
Isopropyl ether	Ave	0.8632	0.9553		22.1	20.0	10.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2170	0.2240		20.6	20.0	3.2	20.0
1,1-Dichloroethane	Ave	0.4847	0.5503	0.2000	22.7	20.0	13.5	20.0
Acrylonitrile	Ave	0.0597	0.0634		212	200	6.2	20.0
Tert-butyl ethyl ether	Ave	0.7071	0.7676		21.7	20.0	8.6	20.0
Vinyl acetate	Ave	0.2660	0.4127		62.1	40.0	55.1*	20.0
cis-1,2-Dichloroethene	Ave	0.2493	0.2706	0.1000	21.7	20.0	8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946046/2 Calibration Date: 11/21/2023 19:04

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P22077.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0686	0.0771		22.5	20.0	12.4	20.0
Chlorobromomethane	Ave	0.0990	0.1141		23.1	20.0	15.3	20.0
Cyclohexane	Ave	0.4159	0.4940	0.1000	23.8	20.0	18.8	50.0
Chloroform	Ave	0.4172	0.4798	0.2000	23.0	20.0	15.0	20.0
Ethyl acetate	Lin2		0.2169		35.8	40.0	-10.4	20.0
Methyl acrylate	Ave	0.1358	0.1449		21.3	20.0	6.7	20.0
Carbon tetrachloride	Ave	0.3026	0.3484	0.1000	23.0	20.0	15.1	20.0
Tetrahydrofuran	Ave	0.9948	0.9684		38.9	40.0	-2.7	20.0
1,1,1-Trichloroethane	Ave	0.3685	0.4049	0.1000	22.0	20.0	9.9	20.0
Methyl Ethyl Ketone	Ave	0.2832	0.2451	0.0500	86.5	100	-13.5	50.0
1,1-Dichloropropene	Ave	0.1118	0.1301		23.3	20.0	16.4	20.0
Isooctane	Ave	0.5231	0.5497		21.0	20.0	5.1	20.0
n-Heptane	Ave	0.1219	0.1320		21.7	20.0	8.3	20.0
Benzene	Ave	1.340	1.432	0.5000	21.4	20.0	6.8	20.0
Propionitrile	Ave	1.947	2.076		213	200	6.6	20.0
Methacrylonitrile	Ave	0.0598	0.0635		212	200	6.1	20.0
Tert-amyl methyl ether	Ave	0.5641	0.5724		20.3	20.0	1.5	20.0
1,2-Dichloroethane	Ave	0.3032	0.3660	0.1000	24.1	20.0	20.7*	20.0
Isobutyl alcohol	Ave	0.5531	0.4987		451	500	-9.8	50.0
Isopropyl acetate	Ave	0.3082	0.3153		20.5	20.0	2.3	20.0
Methylcyclohexane	Ave	0.3375	0.3840	0.1000	22.8	20.0	13.8	50.0
Trichloroethene	Ave	0.2498	0.2771	0.2000	22.2	20.0	10.9	20.0
n-Butanol	Ave	0.2932	0.2446		417	500	-16.6	50.0
Dibromomethane	Ave	0.1133	0.1279		22.6	20.0	12.8	20.0
1,2-Dichloropropane	Ave	0.2653	0.2939	0.1000	22.2	20.0	10.8	20.0
Ethyl acrylate	Ave	0.1982	0.1762		17.8	20.0	-11.1	20.0
Bromodichloromethane	Ave	0.3096	0.3416	0.2000	22.1	20.0	10.3	20.0
Methyl methacrylate	Ave	0.0373	0.0345		37.1	40.0	-7.3	20.0
1,4-Dioxane	Ave	0.9830	1.043		424	400	6.1	50.0
n-Propyl acetate	Ave	0.2074	0.2111		20.4	20.0	1.8	20.0
2-Chloroethyl vinyl ether	Ave	0.0709	0.0627		17.7	20.0	-11.6	20.0
cis-1,3-Dichloropropene	Ave	0.5366	0.5368	0.2000	20.0	20.0	0.0	50.0
Toluene	Ave	1.416	1.373	0.4000	19.4	20.0	-3.1	20.0
Epichlorohydrin	QuaF		0.1254		405	400	1.2	20.0
2-Nitropropane	Lin2		0.0425		40.5	40.0	1.2	20.0
Tetrachloroethene	Ave	0.3022	0.3215	0.2000	21.3	20.0	6.4	20.0
methyl isobutyl ketone	Ave	2.282	1.962	0.0500	86.0	100	-14.0	50.0
trans-1,3-Dichloropropene	Ave	0.4479	0.4621	0.1000	20.6	20.0	3.1	50.0
1,1,2-Trichloroethane	Ave	0.1858	0.1896	0.1000	20.4	20.0	2.1	20.0
Ethyl methacrylate	Ave	0.2057	0.1811		17.6	20.0	-12.0	20.0
Dibromochloromethane	Ave	0.2478	0.2690	0.1000	21.7	20.0	8.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946046/2 Calibration Date: 11/21/2023 19:04

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P22077.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4065	0.4343		21.4	20.0	6.8	20.0
Ethylene Dibromide	Ave	0.2020	0.2070	0.1000	20.5	20.0	2.5	20.0
n-Butyl acetate	Ave	0.3354	0.2820		16.8	20.0	-15.9	20.0
2-Hexanone	Ave	1.570	1.357	0.0500	86.4	100	-13.6	50.0
Chlorobenzene	Ave	0.8492	0.9080	0.5000	21.4	20.0	6.9	20.0
Ethylbenzene	Ave	0.4715	0.4851	0.1000	20.6	20.0	2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2806	0.2946		21.0	20.0	5.0	20.0
m-Xylene & p-Xylene	Ave	0.5754	0.5855	0.1000	20.4	20.0	1.8	20.0
o-Xylene	Ave	0.5644	0.5686	0.3000	20.1	20.0	0.7	20.0
Bromoform	Ave	0.1380	0.1483	0.1000	21.5	20.0	7.4	20.0
Styrene	Ave	0.9281	0.9206	0.3000	19.8	20.0	-0.8	20.0
n-Butyl acrylate	Ave	0.1715	0.1273		14.8	20.0	-25.8*	20.0
Isopropylbenzene	Ave	1.441	1.516	0.1000	21.0	20.0	5.2	20.0
Amyl acetate (mixed isomers)	Ave	0.8689	0.6446		14.8	20.0	-25.8*	20.0
Bromobenzene	Ave	0.6549	0.6301		19.2	20.0	-3.8	20.0
N-Propylbenzene	Ave	3.517	3.067		17.4	20.0	-12.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4116	0.4016	0.3000	19.5	20.0	-2.4	20.0
2-Chlorotoluene	Ave	2.438	2.137		17.5	20.0	-12.3	20.0
4-Ethyltoluene	Ave	2.892	2.516		17.4	20.0	-13.0	20.0
1,2,3-Trichloropropane	Ave	0.1256	0.1185		18.9	20.0	-5.6	20.0
1,3,5-Trimethylbenzene	Ave	2.406	2.117		17.6	20.0	-12.0	20.0
trans-1,4-Dichloro-2-butene	Lin2		0.1373		16.1	20.0	-19.6	20.0
4-Chlorotoluene	Ave	2.189	1.908		17.4	20.0	-12.9	20.0
tert-Butylbenzene	Ave	1.968	1.735		17.6	20.0	-11.8	20.0
Butyl Methacrylate	Ave	0.7403	0.4935		13.3	20.0	-33.3*	20.0
1,2,4-Trimethylbenzene	Ave	2.485	2.267		18.2	20.0	-8.8	20.0
sec-Butylbenzene	Ave	2.787	2.513		18.0	20.0	-9.8	20.0
1,3-Dichlorobenzene	Ave	1.228	1.243	0.6000	20.2	20.0	1.2	20.0
4-Isopropyltoluene	Ave	2.399	2.194		18.3	20.0	-8.5	20.0
1,4-Dichlorobenzene	Ave	1.239	1.223	0.5000	19.7	20.0	-1.3	20.0
1,2,3-Trimethylbenzene	Ave	2.491	2.268		18.2	20.0	-8.9	20.0
Indan	Ave	2.215	2.053		18.5	20.0	-7.3	20.0
Benzyl chloride	Ave	0.1729	0.1342		15.5	20.0	-22.4	50.0
p-Diethylbenzene	Ave	1.398	1.286		18.4	20.0	-8.0	20.0
n-Butylbenzene	Ave	2.137	1.987		18.6	20.0	-7.0	20.0
1,2-Dichlorobenzene	Ave	1.062	1.048	0.4000	19.7	20.0	-1.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.044	1.786		17.5	20.0	-12.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0625	0.0529	0.0500	16.9	20.0	-15.4	50.0
1,3,5-Trichlorobenzene	Ave	0.7417	0.7406		20.0	20.0	-0.2	20.0
1,2,4-Trichlorobenzene	Ave	0.5040	0.4887	0.2000	19.4	20.0	-3.0	20.0
Hexachlorobutadiene	Ave	0.2216	0.2135		19.3	20.0	-3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946046/2 Calibration Date: 11/21/2023 19:04

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P22077.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	0.7999	0.5830		14.6	20.0	-27.1	50.0
1,2,3-Trichlorobenzene	Ave	0.2842	0.2502		17.6	20.0	-12.0	20.0
Dibromofluoromethane (Surr)	Ave	0.1796	0.1954		54.4	50.0	8.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2174	0.2291		52.7	50.0	5.4	20.0
Toluene-d8 (Surr)	Ave	1.085	0.9616		44.3	50.0	-11.4	20.0
4-Bromofluorobenzene	Ave	0.3302	0.3238		49.0	50.0	-1.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22077.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 21-Nov-2023 19:04:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0169207-002
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:39:17 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 20:11:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.988	0.988	0.000	87	12566	20.0	16.8	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	98	104966	20.0	21.4	
168 Chlorodifluoromethane	51	1.060	1.060	0.000	95	186651	20.0	22.4	
6 Chloromethane	50	1.153	1.153	0.000	64	151810	20.0	19.4	
175 Butadiene	54	1.153	1.153	0.000	91	98923	20.0	19.0	
7 Vinyl chloride	62	1.160	1.160	0.000	96	101420	20.0	18.8	
9 Bromomethane	94	1.339	1.339	0.000	96	24928	20.0	13.9	
10 Chloroethane	64	1.411	1.411	0.000	99	64098	20.0	19.3	
11 Pentane	72	1.482	1.482	0.000	96	28724	40.0	41.7	
12 Trichlorofluoromethane	101	1.482	1.482	0.000	58	116921	20.0	20.1	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	98	163327	20.0	22.8	
14 2-Methyl-1,3-butadiene	67	1.654	1.654	0.000	94	120870	20.0	21.6	
15 Ethyl ether	59	1.654	1.654	0.000	95	57851	20.0	22.2	
16 Ethanol	46	1.797	1.797	0.000	24	11852	800.0	849.8	a
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.769	1.769	0.000	97	33984	20.0	22.8	
17 1,1-Dichloroethene	96	1.776	1.776	0.000	93	65823	20.0	21.5	
19 Carbon disulfide	76	1.797	1.797	0.000	100	263035	20.0	23.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.797	1.797	0.000	86	68974	20.0	22.4	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.804	1.804	0.000	94	108152	20.0	21.2	
22 Iodomethane	142	1.869	1.869	0.000	98	43962	20.0	14.1	
169 Cyclopentene	67	1.955	1.955	0.000	96	175389	20.0	22.5	
24 Acrolein	56	1.969	1.969	0.000	94	13392	40.0	39.0	
164 3-Chloro-1-propene	76	2.062	2.062	0.000	28	45640	20.0	21.5	
26 Isopropyl alcohol	45	2.077	2.077	0.000	97	23530	200.0	181.6	
27 Methylene Chloride	84	2.141	2.141	0.000	97	81815	20.0	22.1	
28 Acetone	43	2.148	2.148	0.000	85	63701	100.0	83.6	
29 trans-1,2-Dichloroethene	96	2.227	2.227	0.000	98	75285	20.0	21.7	
30 Methyl acetate	74	2.234	2.234	0.000	98	13936	40.0	39.8	
31 Hexane	86	2.284	2.284	0.000	93	18451	20.0	24.3	
32 Methyl tert-butyl ether	73	2.299	2.299	0.000	86	179697	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	99	151783	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.356	2.356	0.000	98	29095	200.0	185.9	
35 Acetonitrile	41	2.456	2.456	0.000	98	66457	200.0	231.8	
36 Isopropyl ether	45	2.549	2.549	0.000	95	289731	20.0	22.1	
37 2-Chloro-1,3-butadiene	88	2.621	2.621	0.000	94	67954	20.0	20.6	
38 1,1-Dichloroethane	63	2.628	2.628	0.000	99	166903	20.0	22.7	
39 Acrylonitrile	53	2.657	2.657	0.000	92	192242	200.0	212.3	
41 Vinyl acetate	43	2.807	2.807	0.000	99	250329	40.0	62.1	
40 Tert-butyl ethyl ether	59	2.807	2.807	0.000	71	232820	20.0	21.7	
42 cis-1,2-Dichloroethene	96	3.015	3.015	0.000	91	82063	20.0	21.7	
43 2,2-Dichloropropane	97	3.094	3.094	0.000	92	23374	20.0	22.5	
45 Chlorobromomethane	128	3.165	3.165	0.000	97	34610	20.0	23.1	
44 Cyclohexane	56	3.173	3.173	0.000	96	149831	20.0	23.8	
46 Chloroform	83	3.230	3.230	0.000	96	145522	20.0	23.0	
48 Ethyl acetate	70	3.323	3.323	0.000	98	9517	40.0	35.8	
49 Methyl acrylate	55	3.323	3.323	0.000	59	43936	20.0	21.3	
47 Carbon tetrachloride	117	3.337	3.337	0.000	96	105656	20.0	23.0	
50 Tetrahydrofuran	42	3.352	3.352	0.000	91	42494	40.0	38.9	
$ 51 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	95	148160	50.0	54.4	
52 1,1,1-Trichloroethane	97	3.388	3.388	0.000	95	122821	20.0	22.0	
* 53 2-Butanone-d5	46	3.416	3.416	0.000	99	274247	250.0	250.0	
54 2-Butanone (MEK)	72	3.459	3.459	0.000	99	26887	100.0	86.5	
55 1,1-Dichloropropene	110	3.488	3.488	0.000	91	39462	20.0	23.3	
56 Isooctane	57	3.588	3.588	0.000	97	166737	20.0	21.0	
57 n-Heptane	57	3.681	3.681	0.000	83	40034	20.0	21.7	
58 Benzene	78	3.688	3.688	0.000	98	340356	20.0	21.4	
59 Propionitrile	54	3.688	3.688	0.000	45	63034	200.0	213.2	
60 Methacrylonitrile	67	3.710	3.710	0.000	97	192541	200.0	212.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	173750	50.0	52.7	
62 Tert-amyl methyl ether	73	3.803	3.803	0.000	96	173617	20.0	20.3	
63 1,2-Dichloroethane	62	3.853	3.853	0.000	97	111015	20.0	24.1	
64 Isobutyl alcohol	43	3.910	3.910	0.000	99	37848	500.0	450.8	
* 66 Fluorobenzene	96	4.047	4.047	0.000	97	758256	50.0	50.0	
67 Isopropyl acetate	43	4.104	4.104	0.000	96	95629	20.0	20.5	
68 Methylcyclohexane	83	4.197	4.197	0.000	92	116465	20.0	22.8	
69 Trichloroethene	130	4.211	4.211	0.000	95	84043	20.0	22.2	
72 n-Butanol	56	4.584	4.584	0.000	94	18563	500.0	417.1	
71 Dibromomethane	93	4.598	4.598	0.000	95	38790	20.0	22.6	
73 1,2-Dichloropropane	63	4.691	4.691	0.000	85	89151	20.0	22.2	
74 Ethyl acrylate	55	4.756	4.756	0.000	97	53439	20.0	17.8	
75 Dichlorobromomethane	83	4.777	4.777	0.000	98	103601	20.0	22.1	
* 76 1,4-Dioxane-d8	96	4.949	4.949	0.000	79	21702	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	93	20946	40.0	37.1	
78 1,4-Dioxane	88	4.978	4.978	0.000	94	9052	400.0	424.3	
79 n-Propyl acetate	43	5.128	5.128	0.000	99	64024	20.0	20.4	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	95	19073	20.0	17.7	
81 cis-1,3-Dichloropropene	75	5.443	5.443	0.000	97	127608	20.0	20.0	
$ 82 Toluene-d8 (Surr)	98	5.651	5.651	0.000	98	571489	50.0	44.3	
83 Toluene	91	5.708	5.708	0.000	92	326360	20.0	19.4	
84 Epichlorohydrin	57	5.723	5.723	0.000	99	55006	400.0	404.9	
85 2-Nitropropane	41	5.959	5.959	0.000	95	25802	40.0	40.5	
86 Tetrachloroethene	166	6.160	6.160	0.000	95	76423	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.181	6.181	0.000	99	215186	100.0	86.0	
88 trans-1,3-Dichloropropene	75	6.217	6.217	0.000	97	109846	20.0	20.6	
89 1,1,2-Trichloroethane	83	6.403	6.403	0.000	92	45081	20.0	20.4	
90 Ethyl methacrylate	69	6.475	6.475	0.000	93	54934	20.0	17.6	
91 Chlorodibromomethane	129	6.611	6.611	0.000	97	63944	20.0	21.7	
92 1,3-Dichloropropane	76	6.733	6.733	0.000	97	103247	20.0	21.4	
93 Ethylene Dibromide	107	6.876	6.876	0.000	97	49215	20.0	20.5	
94 n-Butyl acetate	43	7.191	7.191	0.000	97	67039	20.0	16.8	
95 2-Hexanone	43	7.263	7.263	0.000	98	148898	100.0	86.4	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	594336	50.0	50.0	
97 Chlorobenzene	112	7.599	7.599	0.000	91	215854	20.0	21.4	
98 Ethylbenzene	106	7.685	7.685	0.000	99	115319	20.0	20.6	
99 1,1,1,2-Tetrachloroethane	131	7.714	7.714	0.000	93	70039	20.0	21.0	
100 m-Xylene & p-Xylene	106	7.900	7.900	0.000	0	139204	20.0	20.4	
101 o-Xylene	106	8.502	8.502	0.000	93	135169	20.0	20.1	
102 Bromoform	173	8.574	8.574	0.000	93	35247	20.0	21.5	
103 Styrene	104	8.581	8.581	0.000	93	218857	20.0	19.8	
104 n-Butyl acrylate	73	8.889	8.889	0.000	95	30266	20.0	14.8	
105 Isopropylbenzene	105	8.996	8.996	0.000	96	360354	20.0	21.0	
106 Amyl acetate (mixed isomers)	43	9.311	9.311	0.000	88	90234	20.0	14.8	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	86	192455	50.0	49.0	
108 Bromobenzene	156	9.490	9.490	0.000	95	88211	20.0	19.2	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	429288	20.0	17.4	
110 1,1,2,2-Tetrachloroethane	83	9.770	9.770	0.000	96	56226	20.0	19.5	
111 2-Chlorotoluene	91	9.820	9.820	0.000	97	299212	20.0	17.5	
172 4-Ethyltoluene	105	9.827	9.827	0.000	98	352251	20.0	17.4	
113 1,2,3-Trichloropropane	110	9.913	9.913	0.000	95	16596	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.985	9.985	0.000	93	296320	20.0	17.6	
115 trans-1,4-Dichloro-2-butene	53	10.035	10.035	0.000	83	19227	20.0	16.1	
116 4-Chlorotoluene	91	10.085	10.085	0.000	99	267063	20.0	17.4	
117 tert-Butylbenzene	119	10.465	10.465	0.000	93	242925	20.0	17.6	
119 Butyl Methacrylate	87	10.565	10.565	0.000	94	69092	20.0	13.3	
118 1,2,4-Trimethylbenzene	105	10.586	10.586	0.000	98	317313	20.0	18.2	
120 sec-Butylbenzene	105	10.758	10.758	0.000	99	351815	20.0	18.0	
121 1,3-Dichlorobenzene	146	11.023	11.023	0.000	93	174002	20.0	20.2	
122 4-Isopropyltoluene	119	11.038	11.038	0.000	97	307197	20.0	18.3	
* 123 1,4-Dichlorobenzene-d4	152	11.159	11.159	0.000	97	349981	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.181	11.181	0.000	93	171226	20.0	19.7	
125 1,2,3-Trimethylbenzene	105	11.274	11.274	0.000	99	317506	20.0	18.2	
165 2,3-Dihydroindene	117	11.432	11.432	0.000	0	287412	20.0	18.5	
127 Benzyl chloride	126	11.575	11.575	0.000	96	18784	20.0	15.5	
167 p-Diethylbenzene	119	11.589	11.589	0.000	93	180051	20.0	18.4	
129 n-Butylbenzene	91	11.654	11.654	0.000	98	278231	20.0	18.6	
130 1,2-Dichlorobenzene	146	11.761	11.761	0.000	95	146670	20.0	19.7	
166 1,2,4,5-Tetramethylbenzene	119	12.563	12.563	0.000	97	250036	20.0	17.5	
132 1,2-Dibromo-3-Chloropropane	157	12.707	12.707	0.000	84	7406	20.0	16.9	
133 1,3,5-Trichlorobenzene	180	12.750	12.750	0.000	96	103672	20.0	20.0	
134 1,2,4-Trichlorobenzene	180	13.380	13.380	0.000	92	68411	20.0	19.4	
135 Hexachlorobutadiene	225	13.394	13.394	0.000	91	29890	20.0	19.3	
136 Naphthalene	128	13.666	13.666	0.000	99	81622	20.0	14.6	
137 1,2,3-Trichlorobenzene	180	13.817	13.817	0.000	94	35021	20.0	17.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	43.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Xylenes, Total	100				0		40.0	40.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

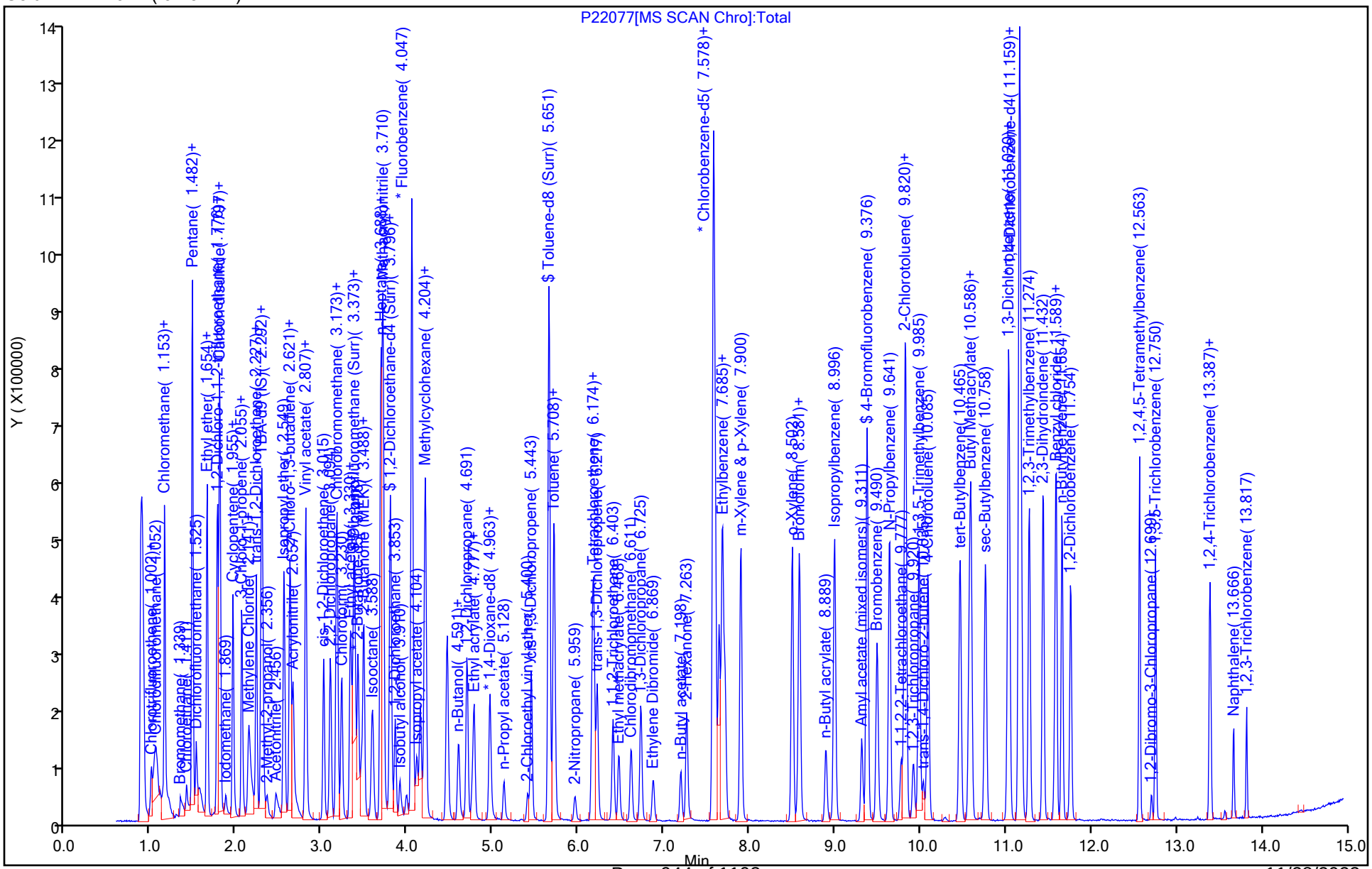
Report Date: 22-Nov-2023 10:39:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22077.D

Injection Date:	21-Nov-2023 19:04:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

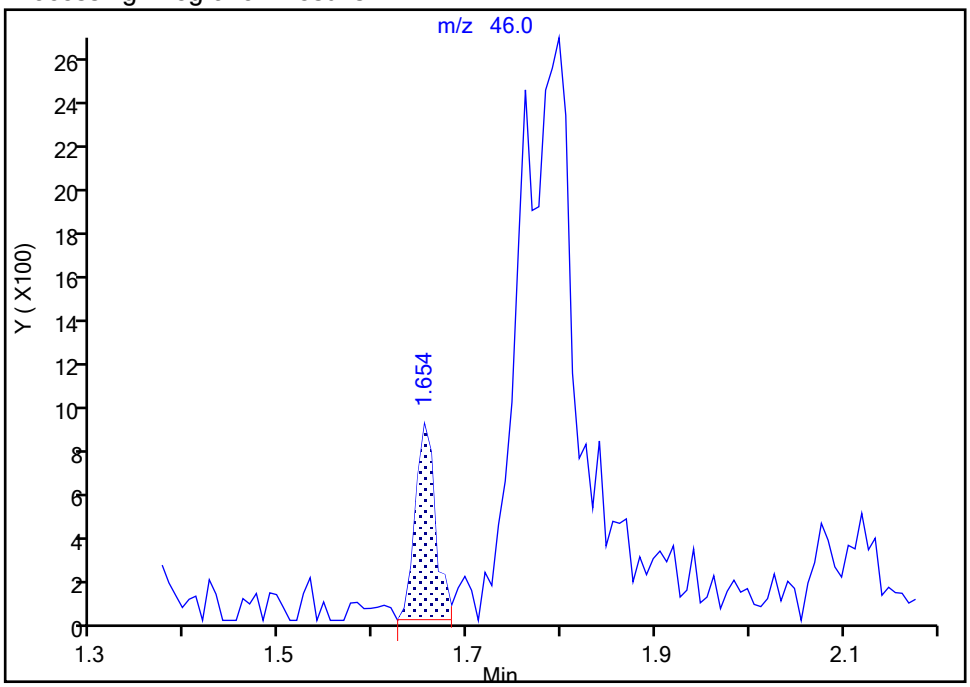
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22077.D
Injection Date: 21-Nov-2023 19:04:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

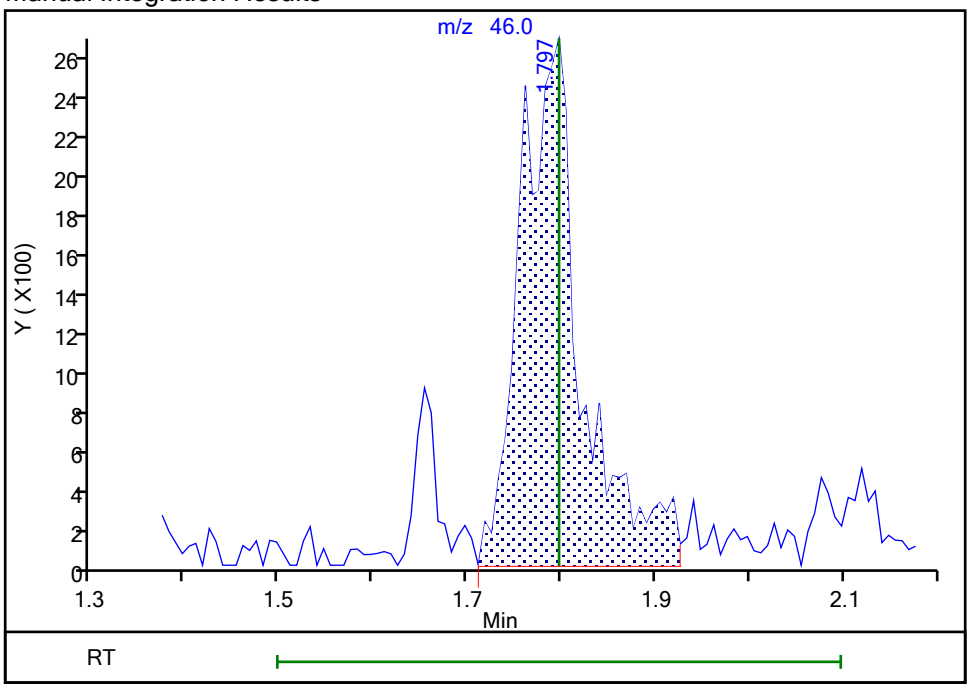
Processing Integration Results

RT: 1.65
Area: 1325
Amount: 94.998682
Amount Units: ug/l



Manual Integration Results

RT: 1.80
Area: 11852
Amount: 849.7542
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 10:38:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72802.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	31-Oct-2023 02:51:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0168175-001				
Operator ID:		Instrument ID:	CVOAMS11		
Method:	\\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\8260W_11.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	31-Oct-2023 20:58:11	Calib Date:	31-Oct-2023 13:49:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1641				
First Level Reviewer: W9CM		Date:	31-Oct-2023 20:58:11		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.132	2.132	0.000	91	139455	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

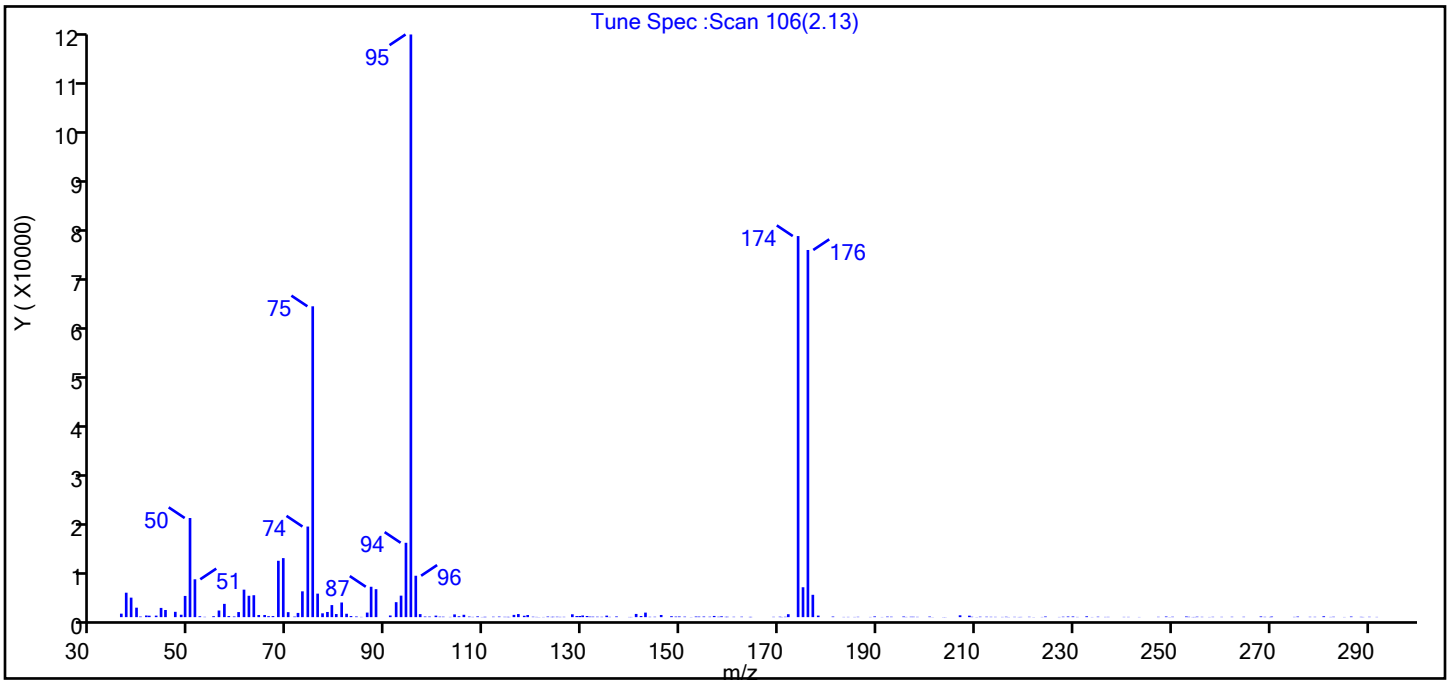
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72802.D
Injection Date: 31-Oct-2023 02:51:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.0
75	30 to 60% of m/z 95	53.3
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	65.4
175	5 to 9% of m/z 174	5.1 (7.8)
176	Greater than 95% but less than 101% of m/z 174	63.0 (96.3)
177	5 to 9% of m/z 176	3.8 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72802.D\8260W_11.rslt\spectra.d
Injection Date: 31-Oct-2023 02:51:30
Spectrum: Tune Spec :Scan 106(2.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 222

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	676	96.00	8039	148.00	179	216.00	75
37.00	4746	97.00	589	149.00	110	217.00	31
38.00	3789	98.00	116	150.00	128	218.00	58
39.00	1837	99.00	113	151.00	98	219.00	35
40.00	113	100.00	295	152.00	28	219.00	45
41.00	318	101.00	94	153.00	119	221.00	69
42.00	283	102.00	86	154.00	106	222.00	27
43.00	295	103.00	46	155.00	120	224.00	37
44.00	1793	104.00	532	156.00	84	224.00	124
45.00	1387	105.00	166	157.00	231	227.00	37
47.00	1034	106.00	459	158.00	74	228.00	85
48.00	467	107.00	110	158.00	163	229.00	124
49.00	4119	108.00	49	159.00	61	230.00	130
50.00	19248	109.00	155	160.00	67	231.00	42
51.00	7350	110.00	33	161.00	70	233.00	164
52.00	170	110.00	53	162.00	85	234.00	31
53.00	58	110.00	53	164.00	47	235.00	86
55.00	182	112.00	83	164.00	46	236.00	46
56.00	1287	113.00	112	169.00	63	237.00	52
57.00	2578	114.00	62	170.00	84	240.00	49
58.00	210	115.00	56	171.00	31	241.00	49
59.00	126	115.00	45	171.00	71	243.00	35
60.00	986	116.00	440	172.00	571	247.00	63
61.00	5339	117.00	599	174.00	74000	249.00	124
62.00	4151	118.00	267	175.00	5805	250.00	25
63.00	4256	119.00	411	176.00	71296	250.00	77
64.00	418	120.00	81	177.00	4339	253.00	126
65.00	414	121.00	47	178.00	299	254.00	67
66.00	186	121.00	27	181.00	117	254.00	33
67.00	204	122.00	35	183.00	41	255.00	36
68.00	10945	123.00	117	184.00	48	255.00	89
69.00	11462	124.00	52	185.00	39	256.00	60
70.00	967	124.00	70	186.00	65	258.00	35

Report Date: 31-Oct-2023 20:58:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72802.D\8260W_11.rslt\spectra.d
Injection Date: 31-Oct-2023 02:51:30
Spectrum: Tune Spec :Scan 106(2.13)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 222

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	108	125.00	80	189.00	39	258.00	65
72.00	820	125.00	51	190.00	141	260.00	56
73.00	5012	126.00	60	191.00	33	262.00	71
74.00	17592	128.00	555	192.00	104	265.00	70
75.00	60360	129.00	213	193.00	80	268.00	139
76.00	4566	129.00	221	195.00	122	269.00	62
77.00	747	130.00	323	196.00	42	270.00	40
78.00	1002	131.00	223	197.00	76	270.00	111
79.00	2340	132.00	100	197.00	73	275.00	50
80.00	603	132.00	93	198.00	56	276.00	113
81.00	2847	133.00	87	201.00	111	278.00	66
82.00	658	134.00	67	201.00	25	279.00	63
83.00	213	135.00	291	204.00	27	281.00	168
84.00	131	136.00	56	204.00	26	282.00	43
85.00	45	137.00	137	207.00	356	283.00	77
86.00	885	140.00	37	209.00	285	285.00	34
87.00	5901	140.00	37	209.00	75	287.00	117
88.00	5432	141.00	624	210.00	28	289.00	56
91.00	320	142.00	219	211.00	86	289.00	37
92.00	2909	143.00	880	212.00	82	290.00	66
93.00	4175	144.00	65	213.00	65	292.00	44
94.00	14440	145.00	76	214.00	56		
95.00	113144	146.00	419	216.00	43		

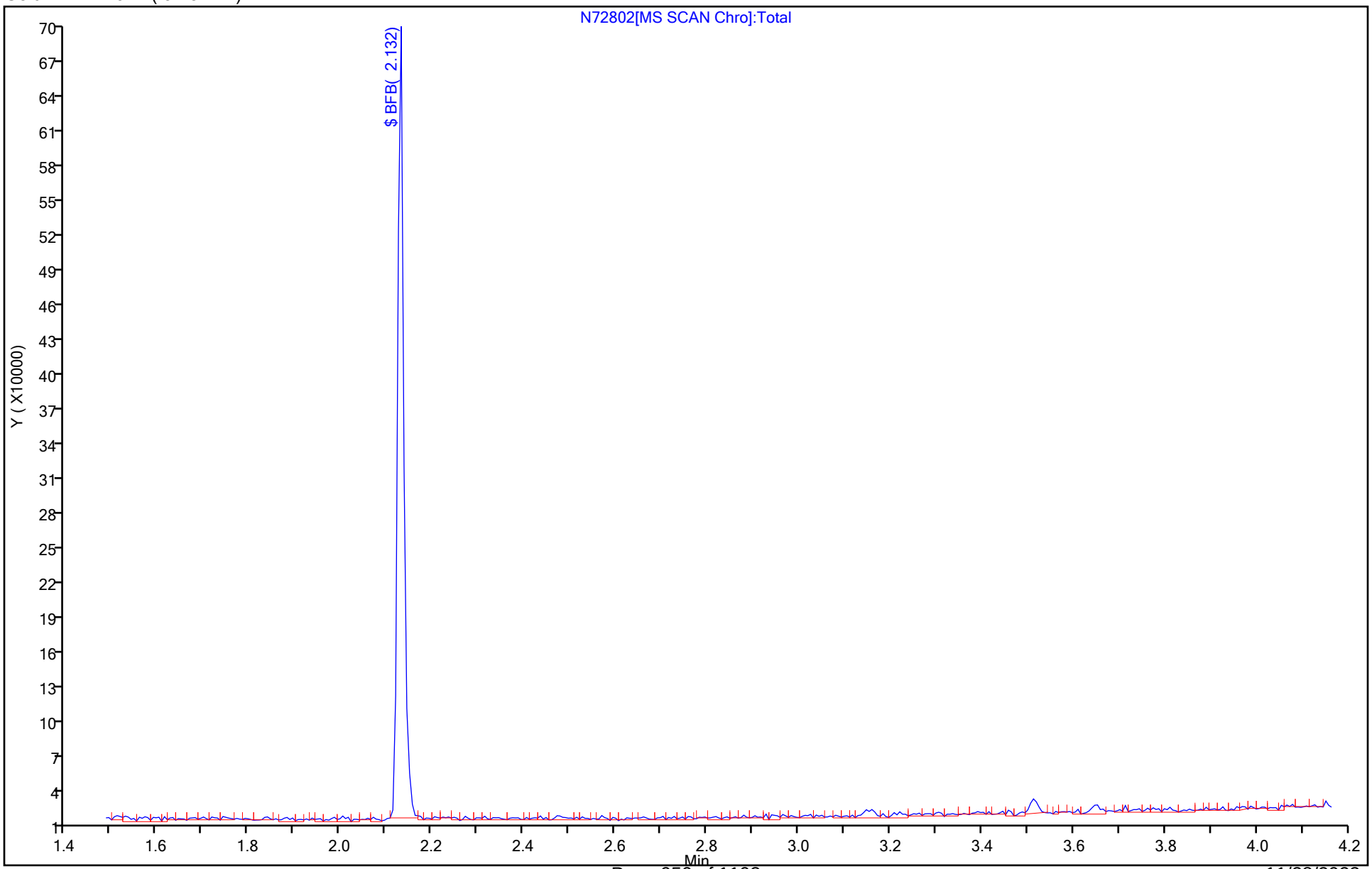
Report Date: 31-Oct-2023 20:58:11 Chrom Revision: 2.3 18-Oct-2023 21:16:54

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72802.D

Injection Date:	31-Oct-2023 02:51:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198032A.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	23-Sep-2023 02:46:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0166364-001				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\8260W_13.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	24-Sep-2023 09:37:11	Calib Date:	23-Sep-2023 13:58:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1687				
First Level Reviewer: HVW2		Date:	23-Sep-2023 02:53:15		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 143 BFB

QC Flag Legend

Processing Flags

Reagents:

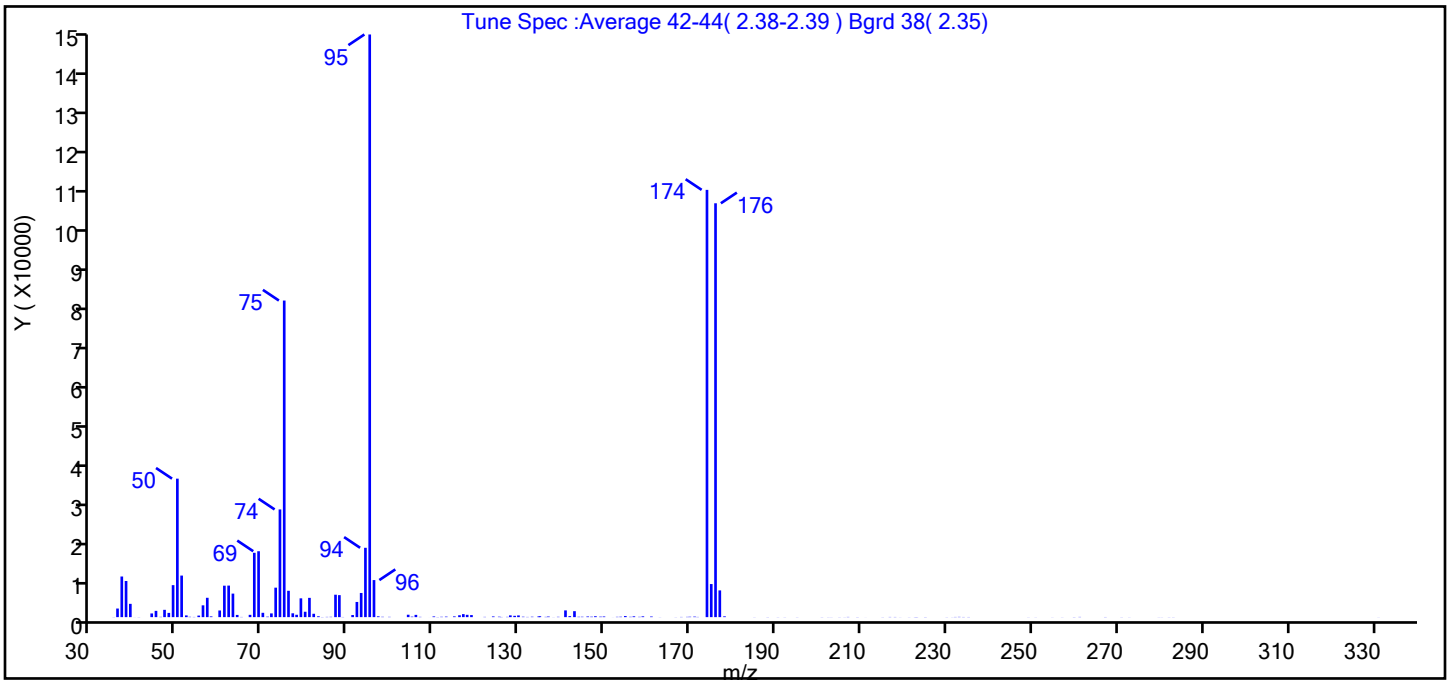
BFB_00034 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198032A.D
Injection Date: 23-Sep-2023 02:46:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 624

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% Relative Abundance	100.0
50	15-40% of mass 95	23.8
75	30-60% of mass 95	54.3
96	5-9% of mass 95	6.4
173	<2% of mass 174	0.0 (0.0)
174	>50% of mass 95	73.3
175	5-9% of mass 174	5.7 (7.7)
176	>95% but <101% of mass 174	71.0 (96.9)
177	5-9% of mass 176	4.6 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198032A.D\8260W_13.rslt\spectra.d
Injection Date: 23-Sep-2023 02:46:30
Spectrum: Tune Spec :Average 42-44(2.38-2.39) Bgrd 38(2.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	26	79.00	4718	130.00	431	185.00	21
36.00	2158	80.00	1353	131.00	107	188.00	28
37.00	10190	81.00	4836	132.00	54	190.00	23
38.00	9063	82.00	845	133.00	106	192.00	22
39.00	3335	83.00	212	134.00	147	195.00	23
40.00	12	84.00	36	135.00	223	201.00	26
41.00	29	85.00	62	136.00	68	202.00	21
44.00	929	86.00	82	137.00	149	203.00	19
45.00	1575	87.00	5624	138.00	18	205.00	24
46.00	70	88.00	5517	139.00	81	206.00	19
47.00	1834	89.00	41	141.00	1691	207.00	53
48.00	1065	91.00	528	142.00	246	209.00	31
49.00	8024	92.00	3810	143.00	1496	211.00	9
50.00	34728	93.00	6060	144.00	91	215.00	25
51.00	10425	94.00	17392	145.00	100	217.00	48
52.00	435	95.00	146112	146.00	164	218.00	45
53.00	86	96.00	9295	147.00	113	219.00	16
54.00	48	97.00	201	148.00	226	221.00	21
55.00	391	98.00	86	149.00	121	223.00	30
56.00	2963	100.00	71	150.00	162	223.00	34
57.00	4853	104.00	606	152.00	10	225.00	37
58.00	185	105.00	122	153.00	77	230.00	24
60.00	1668	106.00	569	154.00	104	231.00	18
61.00	7890	107.00	69	155.00	270	232.00	48
62.00	7912	109.00	5	156.00	84	233.00	66
63.00	5902	110.00	176	157.00	202	234.00	43
64.00	558	111.00	35	158.00	78	235.00	40
65.00	48	112.00	89	159.00	197	249.00	19
66.00	1	113.00	132	161.00	154	251.00	18
67.00	578	115.00	187	163.00	20	255.00	17
68.00	16135	116.00	475	167.00	22	257.00	19
69.00	16528	117.00	757	168.00	52	260.00	34
70.00	1089	118.00	583	169.00	68	261.00	55

Report Date: 24-Sep-2023 09:37:11 Chrom Revision: 2.3 21-Aug-2023 17:14:06
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198032A.D\8260W_13.rslt\spectra.d
Injection Date: 23-Sep-2023 02:46:30
Spectrum: Tune Spec :Average 42-44(2.38-2.39) Bgrd 38(2.35)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	120	119.00	516	170.00	98	267.00	39
72.00	940	122.00	63	171.00	131	271.00	24
73.00	7392	124.00	174	172.00	53	273.00	19
74.00	27008	125.00	111	174.00	107144	280.00	19
75.00	79392	126.00	45	175.00	8299	280.00	18
76.00	6611	127.00	67	176.00	103784	282.00	24
77.00	965	128.00	446	177.00	6707	283.00	24
78.00	593	129.00	334	178.00	194	331.00	16

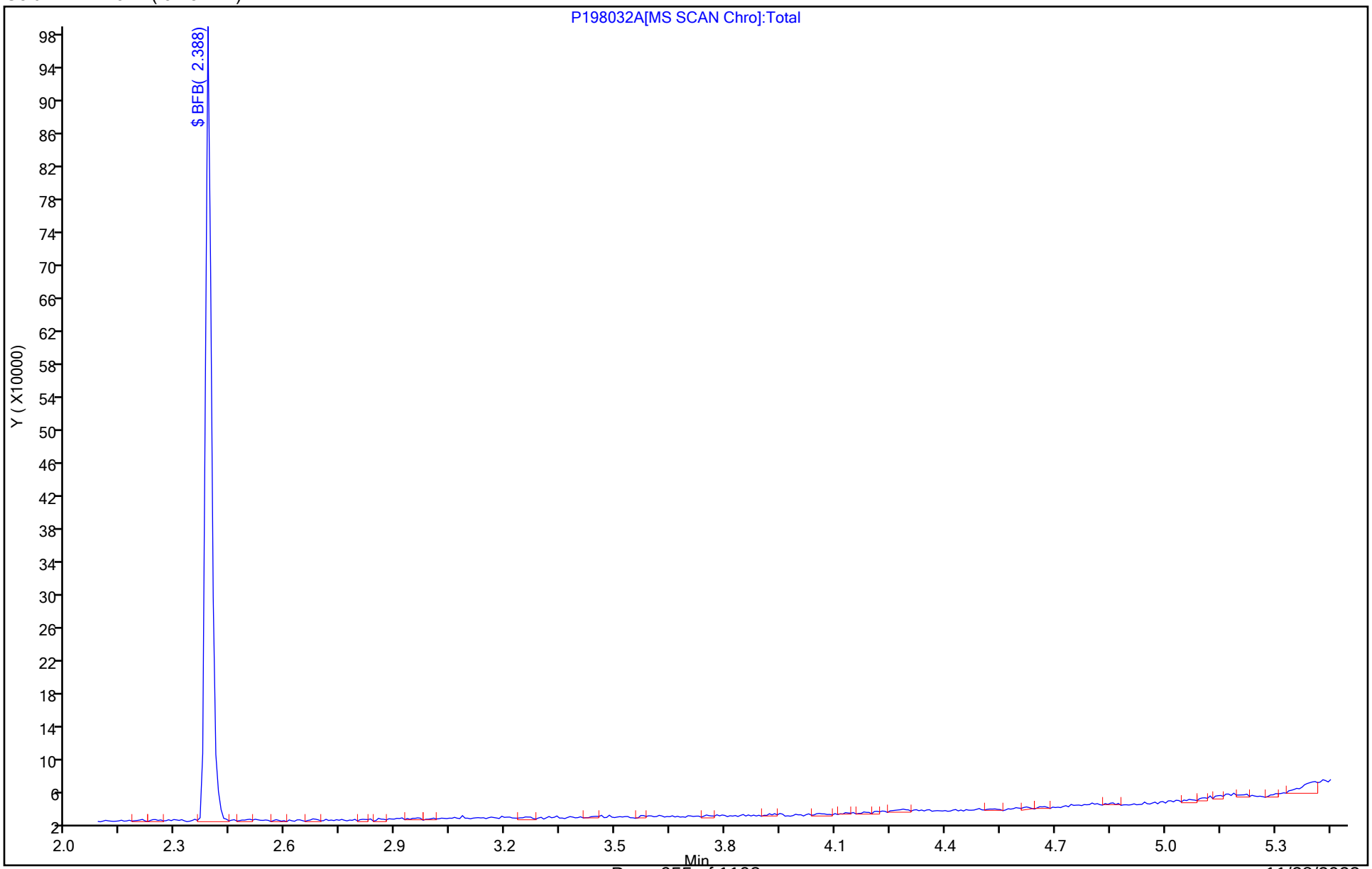
Report Date: 24-Sep-2023 09:37:12 Chrom Revision: 2.3 21-Aug-2023 17:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198032A.D

Injection Date:	23-Sep-2023 02:46:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-945808/9

Matrix: Water | Lab File ID: N73645.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 22:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-945808/9

Matrix: Water Lab File ID: N73645.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/20/2023 22:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945808 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73645.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Nov-2023 22:29:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169153-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 06:35:11 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:30:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.883	1.883	0.000	100	78265	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	228479	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	97	113999	50.0	50.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	107288	50.0	48.7	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	358543	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.116	4.122	-0.006	98	18801	1000.0	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	331757	50.0	49.2	
* 95 Chlorobenzene-d5	117	6.592	6.598	-0.006	84	263709	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	93	93944	50.0	49.6	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	122170	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

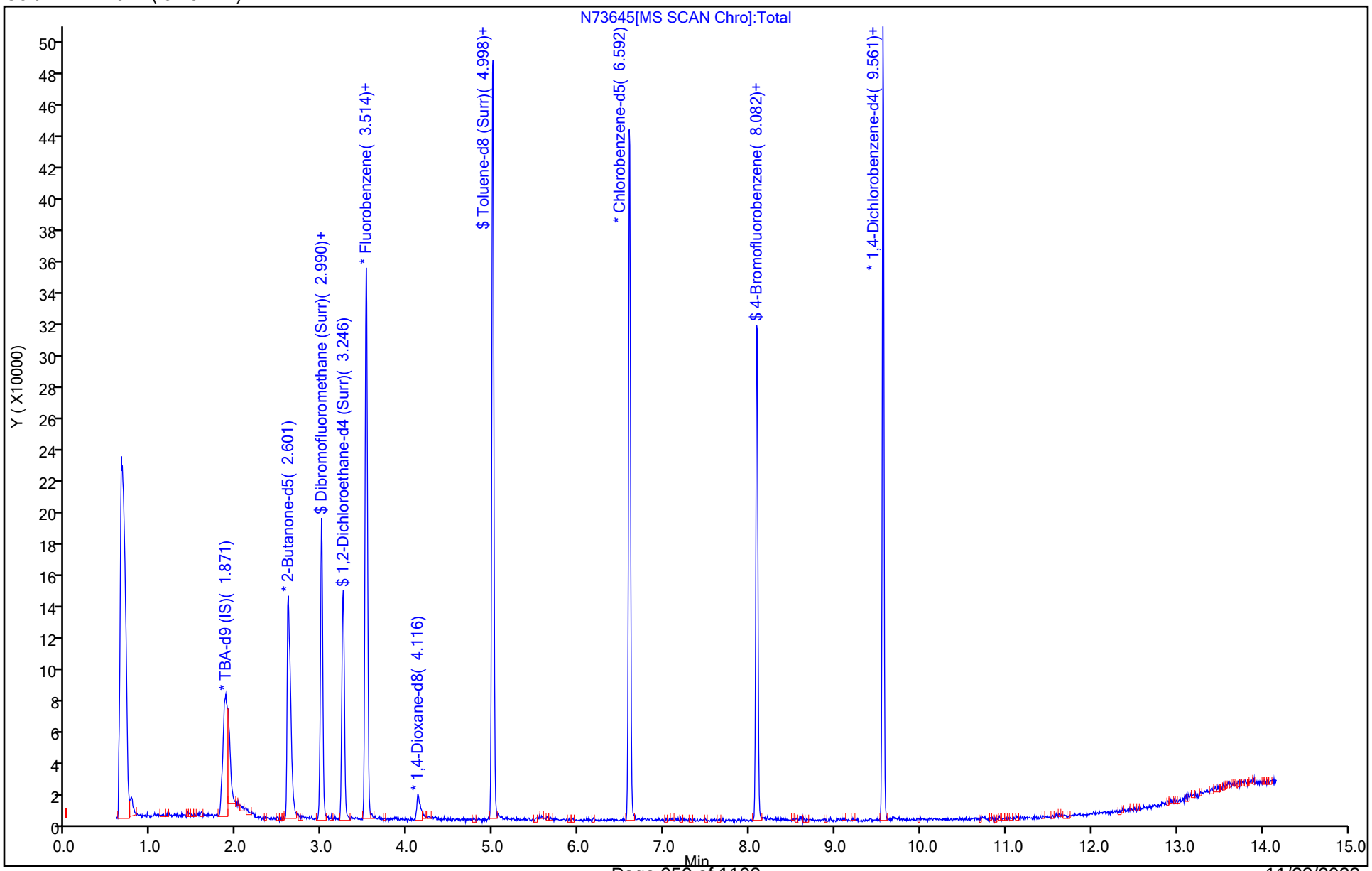
Report Date: 21-Nov-2023 06:35:58 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73645.D

Injection Date:	20-Nov-2023 22:29:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73645.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Nov-2023 22:29:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169153-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 06:35:11 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:30:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.6	101.21
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	48.7	97.44
$ 84 Toluene-d8 (Surr)	50.0	49.2	98.39
$ 106 4-Bromofluorobenzene	50.0	49.6	99.25

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-945897/10

Matrix: Water | Lab File ID: N73669.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 09:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-945897/10

Matrix: Water Lab File ID: N73669.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 09:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945897 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73669.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Nov-2023 09:29:30 ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169172-010
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 09:46:10 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: KG2Q Date: 21-Nov-2023 09:46:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.883	1.871	0.012	98	81531	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	97	236055	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.996	2.996	0.000	95	118506	50.0	52.5	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	109945	50.0	49.8	
* 67 Fluorobenzene	96	3.520	3.513	0.007	99	359170	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	95	19411	1000.0	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	317999	50.0	50.4	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	246722	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	92499	50.0	52.2	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	116945	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

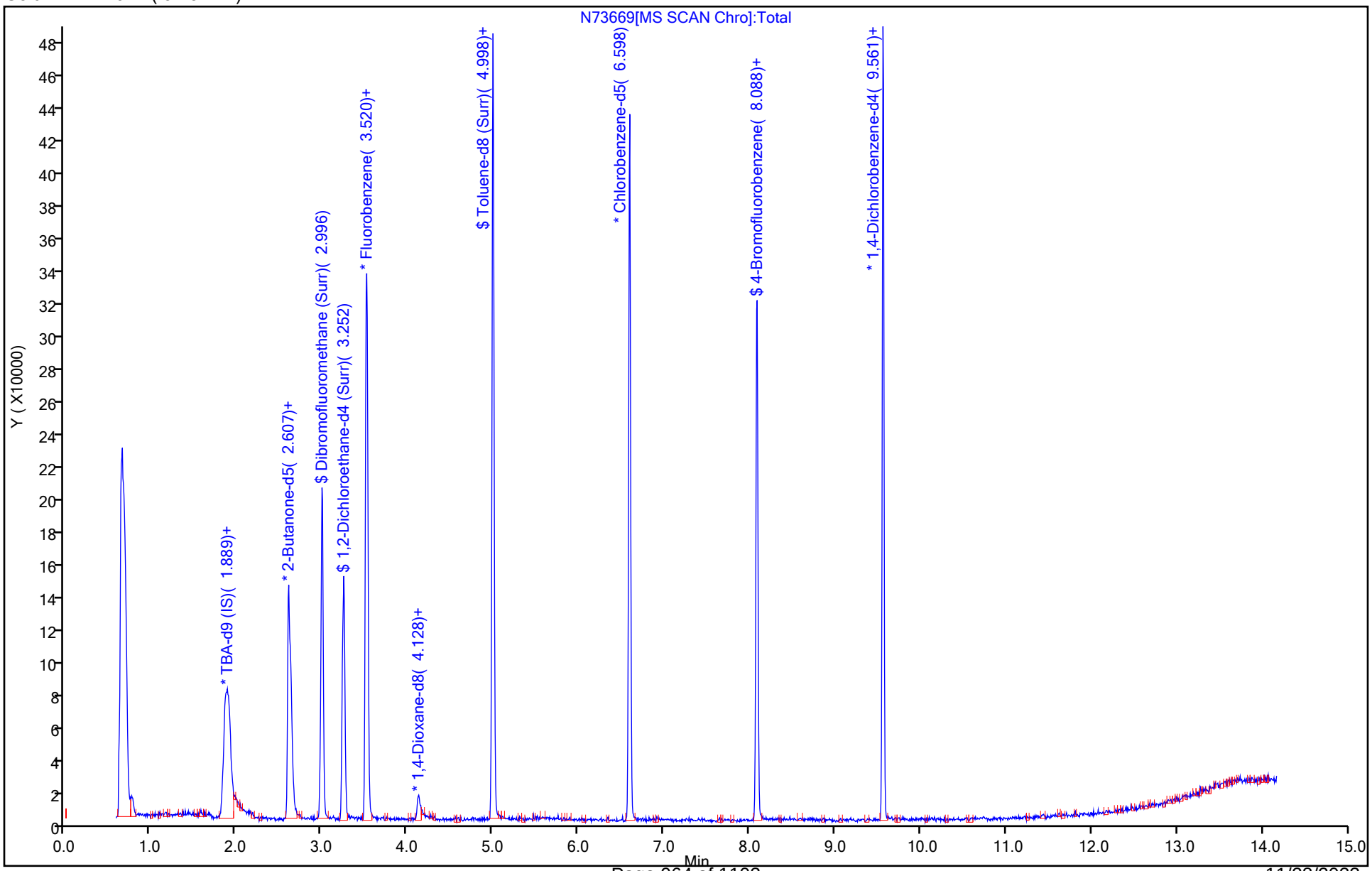
Report Date: 21-Nov-2023 09:46:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73669.D

Injection Date:	21-Nov-2023 09:29:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73669.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Nov-2023 09:29:30 ALS Bottle#: 26 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169172-010
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 09:46:10 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: KG2Q Date: 21-Nov-2023 09:46:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.5	105.03
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	49.8	99.68
$ 84 Toluene-d8 (Surr)	50.0	50.4	100.80
$ 106 4-Bromofluorobenzene	50.0	52.2	104.45

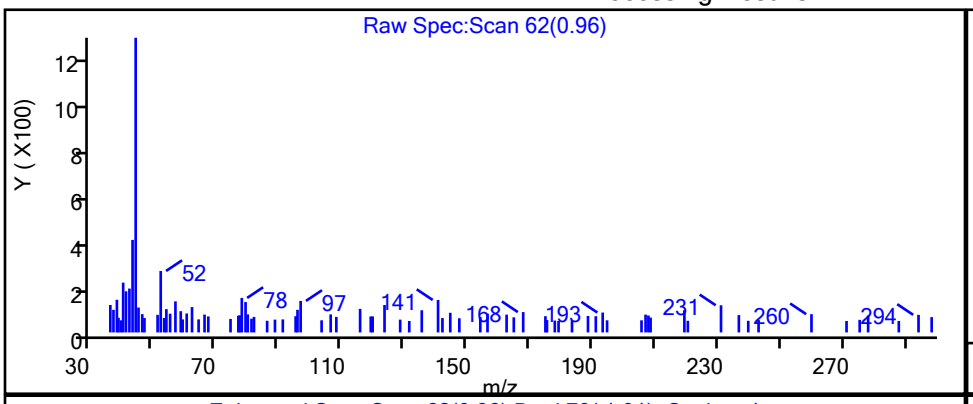
User Disabled Compound Report

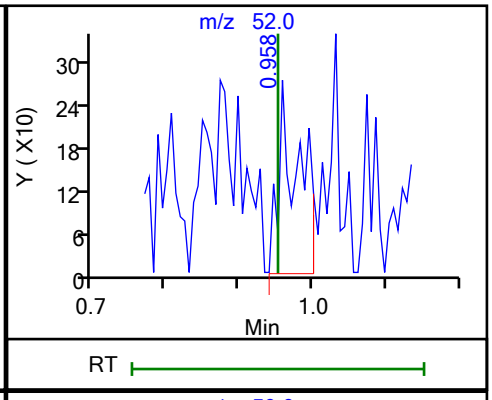
Eurofins Edison

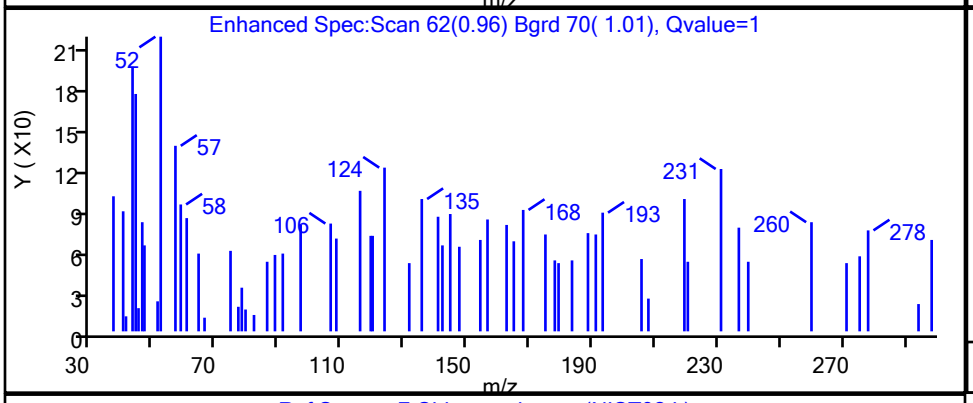
Data File:	\\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73669.D				
Injection Date:	21-Nov-2023 09:29:30	Instrument ID:	CVOAMS11		
Lims ID:	MB				
Client ID:					
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

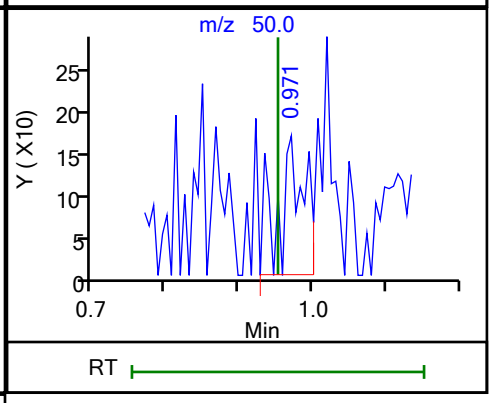
7 Chloromethane, CAS: 74-87-3

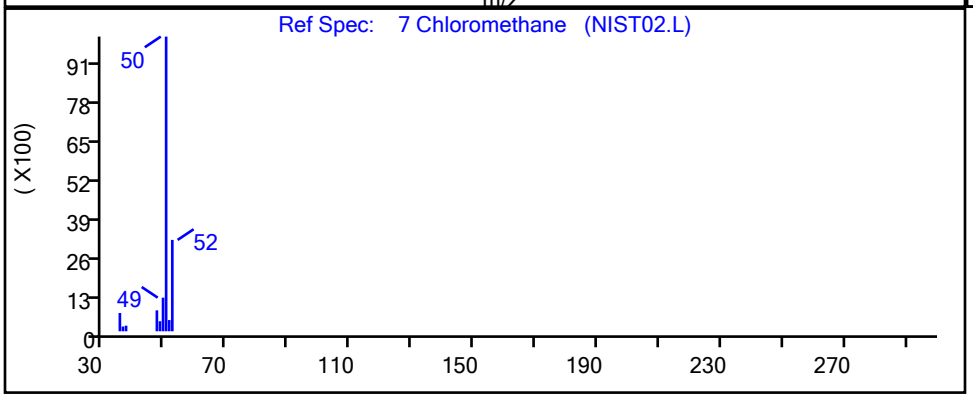
Processing Results











RT	Mass	Response	Amount
0.96	52.00	519	0.420121
0.97	50.00	415	

Reviewer: KG2Q, 21-Nov-2023 09:45:43 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-946046/9

Matrix: Water | Lab File ID: P22084.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 22:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-946046/9

Matrix: Water | Lab File ID: P22084.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 22:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	90		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22084.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Nov-2023 22:07:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169207-009
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 08:21:02 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:14:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	97	161891	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	95	147771	50.0	53.2	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	99	313822	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	194217	50.0	57.8	
* 66 Fluorobenzene	96	4.054	4.047	0.008	98	772611	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.949	4.949	0.000	62	24296	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.658	5.651	0.007	98	625356	50.0	45.1	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	638587	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	86	194855	50.0	46.2	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	97	347748	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

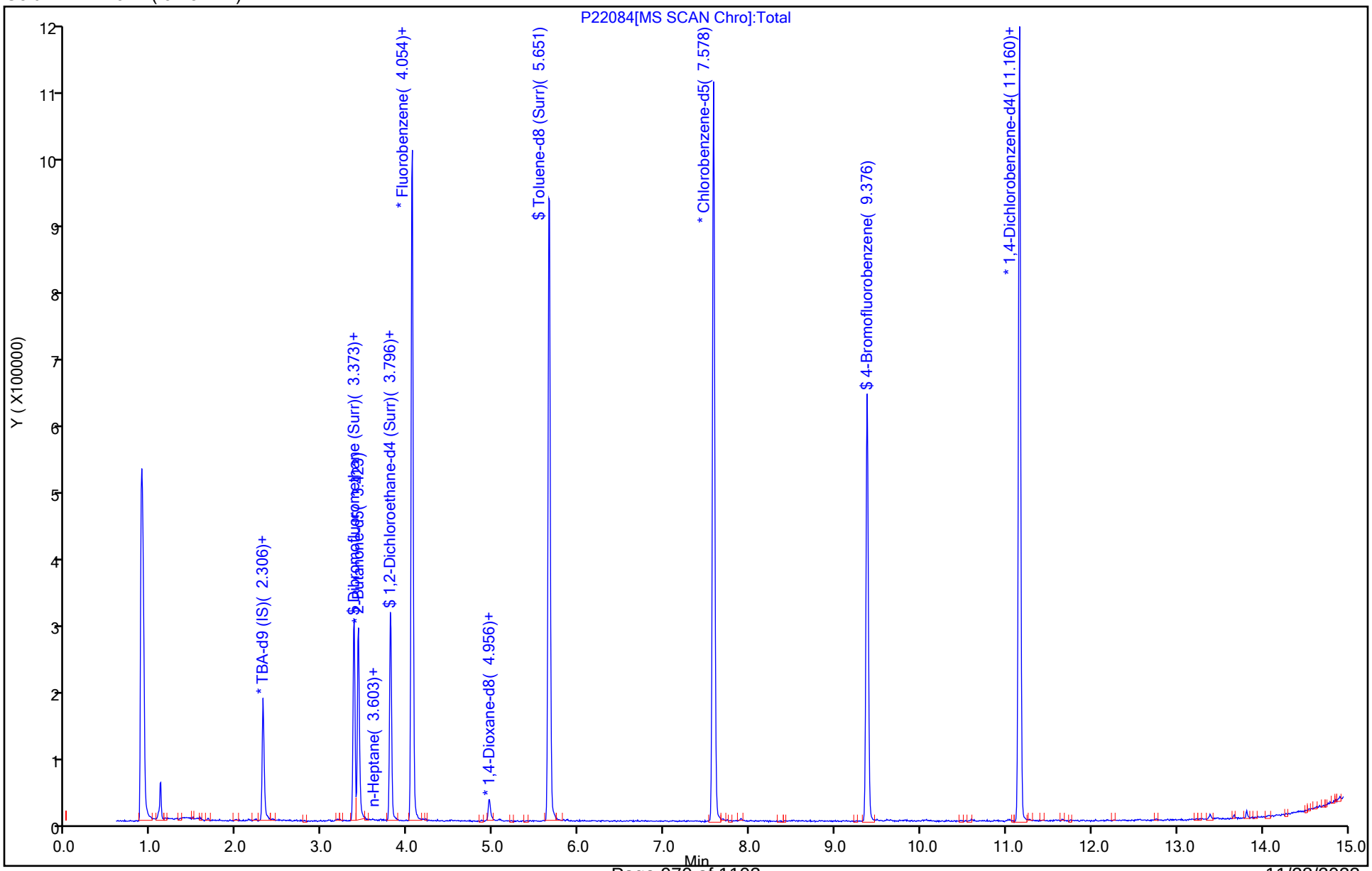
Report Date: 22-Nov-2023 08:21:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22084.D

Injection Date:	21-Nov-2023 22:07:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22084.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Nov-2023 22:07:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169207-009
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 08:21:02 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:14:04

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.2	106.47
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.8	115.63
$ 82 Toluene-d8 (Surr)	50.0	45.1	90.28
$ 107 4-Bromofluorobenzene	50.0	46.2	92.41

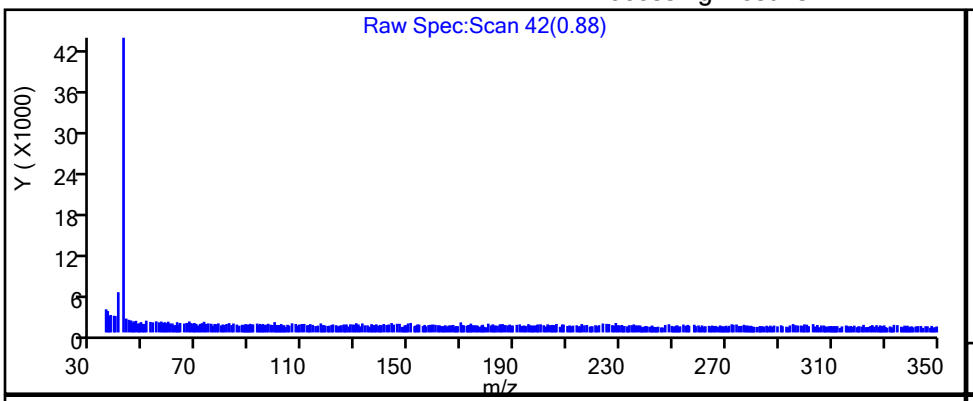
User Disabled Compound Report

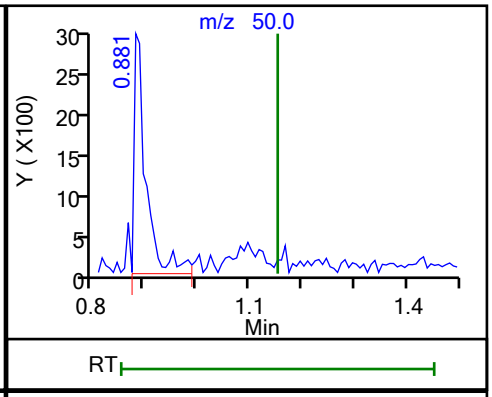
Eurofins Edison

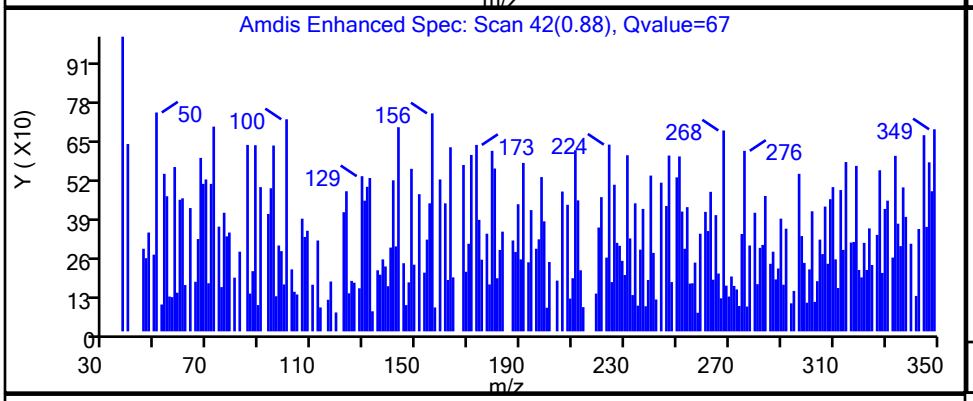
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22084.D
Injection Date: 21-Nov-2023 22:07:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

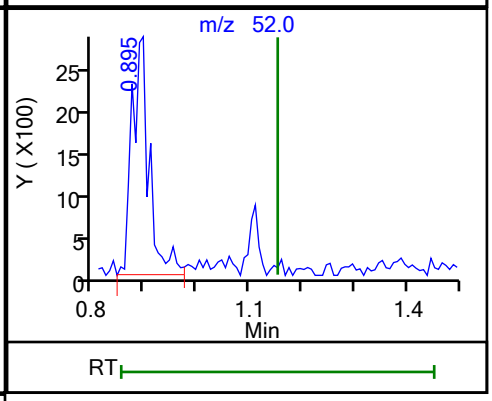
6 Chloromethane, CAS: 74-87-3

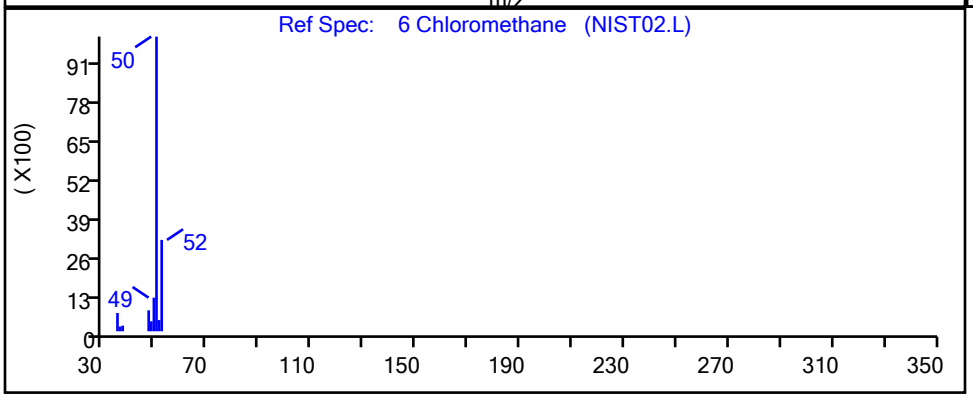
Processing Results











RT	Mass	Response	Amount
0.88	50.00	4557	0.571349
0.89	52.00	6389	

Reviewer: C1JX, 21-Nov-2023 22:30:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

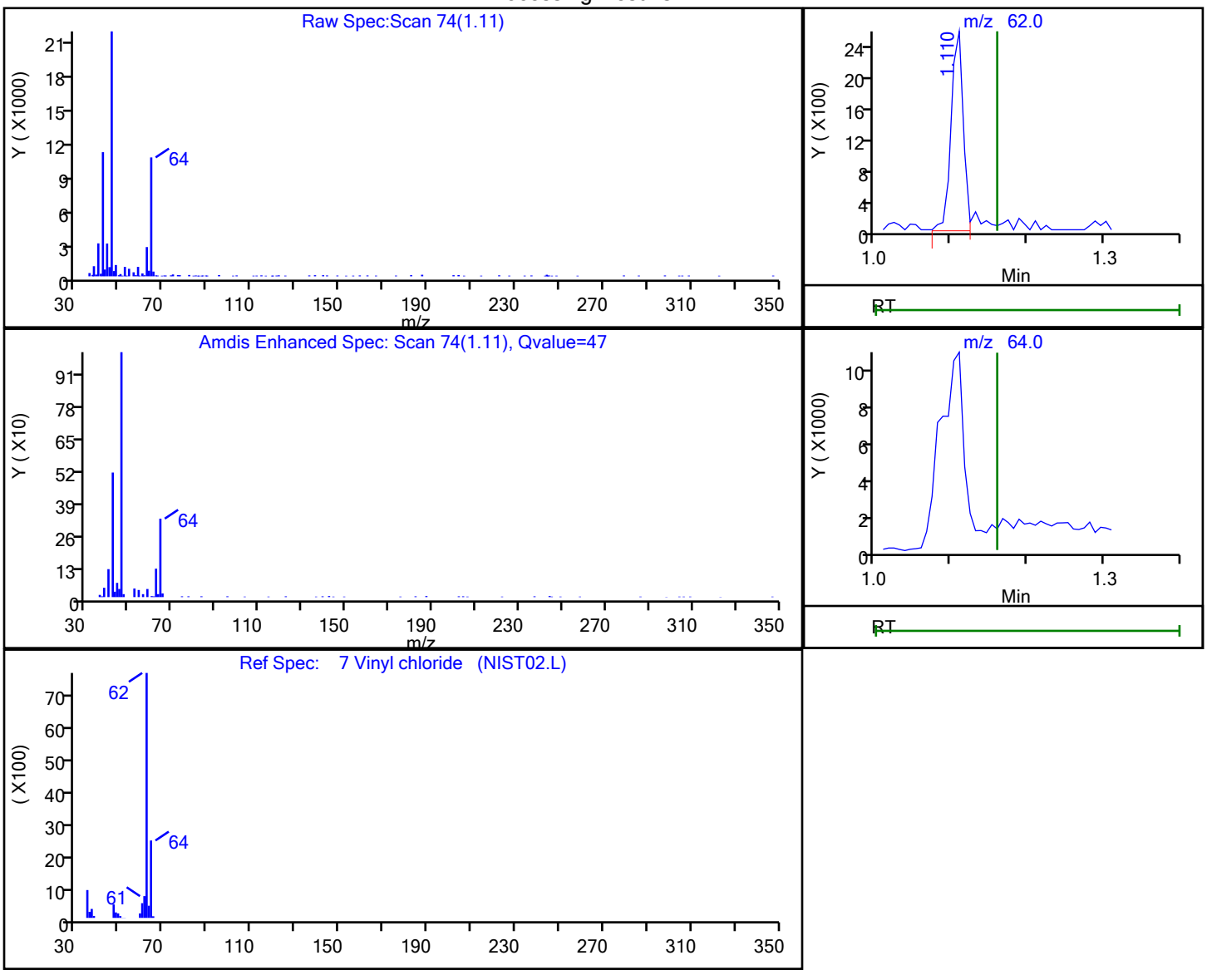
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22084.D
Injection Date: 21-Nov-2023 22:07:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.11	62.00	2837	0.516379
1.11	64.00	46817	

Reviewer: C1JX, 21-Nov-2023 22:30:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-946160/9

Matrix: Water | Lab File ID: N73721.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 09:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-946160/9

Matrix: Water Lab File ID: N73721.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/22/2023 09:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946160 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73721.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-Nov-2023 09:39:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169233-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:06:02 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 22-Nov-2023 10:06:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.895	1.859	0.036	100	72369	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	97	216468	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	2.996	2.990	0.006	96	138347	50.0	53.3	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	130108	50.0	51.3	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	412729	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.128	4.122	0.006	98	20447	1000.0	1000.0	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	383694	50.0	52.4	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	286102	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	88	93732	50.0	45.6	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	134217	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00241 Amount Added: 1.00 Units: uL Run Reagent

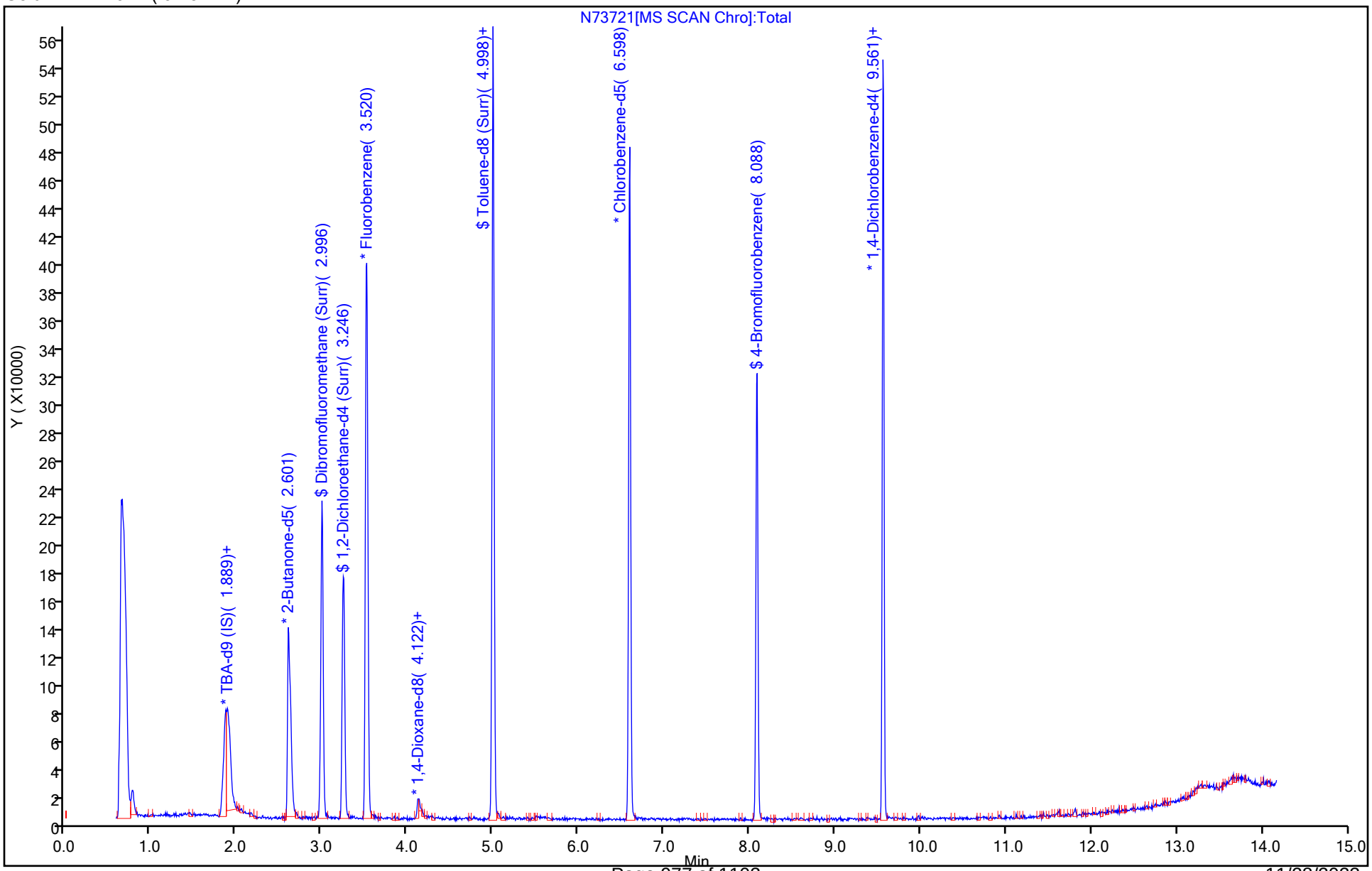
Report Date: 22-Nov-2023 10:06:03 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73721.D

Injection Date:	22-Nov-2023 09:39:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73721.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-Nov-2023 09:39:30 ALS Bottle#: 25 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0169233-009
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:06:02 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: KG2Q Date: 22-Nov-2023 10:06:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.3	106.70
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	51.3	102.65
$ 84 Toluene-d8 (Surr)	50.0	52.4	104.88
$ 106 4-Bromofluorobenzene	50.0	45.6	91.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-945808/4

Matrix: Water | Lab File ID: N73640.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 20:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	18.2		1.0	0.26
75-35-4	1,1-Dichloroethene	15.6		1.0	0.26
107-06-2	1,2-Dichloroethane	17.5		1.0	0.43
78-87-5	1,2-Dichloropropane	18.6		1.0	0.35
591-78-6	2-Hexanone	85.6		5.0	1.1
67-64-1	Acetone	86.5		5.0	4.4
71-43-2	Benzene	18.3		1.0	0.20
75-27-4	Bromodichloromethane	18.1		1.0	0.34
75-25-2	Bromoform	19.5		1.0	0.54
74-83-9	Bromomethane	19.3		1.0	0.55
75-15-0	Carbon disulfide	13.8		1.0	0.82
56-23-5	Carbon tetrachloride	15.6		1.0	0.21
108-90-7	Chlorobenzene	17.8		1.0	0.38
75-00-3	Chloroethane	19.1		1.0	0.32
67-66-3	Chloroform	18.1		1.0	0.33
74-87-3	Chloromethane	18.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.4		1.0	0.22
124-48-1	Dibromochloromethane	19.2		1.0	0.28
100-41-4	Ethylbenzene	17.3		1.0	0.30
78-93-3	Methyl Ethyl Ketone	86.2		5.0	1.9
108-10-1	methyl isobutyl ketone	88.2		5.0	1.3
75-09-2	Methylene Chloride	18.2		1.0	0.32
100-42-5	Styrene	17.5		1.0	0.42
127-18-4	Tetrachloroethene	16.8		1.0	0.25
108-88-3	Toluene	17.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	15.9		1.0	0.31
75-01-4	Vinyl chloride	22.2		1.0	0.17
1330-20-7	Xylenes, Total	32.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-945808/4

Matrix: Water Lab File ID: N73640.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/20/2023 20:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945808 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73640.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Nov-2023 20:19:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169153-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:45:14 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: XE5L Date: 21-Nov-2023 13:45:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.825	0.843	-0.018	89	19183	20.0	25.4	
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	91	73188	20.0	18.8	
6 Chlorodifluoromethane	51	0.837	0.855	-0.018	95	125519	20.0	22.5	
7 Chloromethane	52	0.940	0.959	-0.019	99	25074	20.0	18.9	
8 Vinyl chloride	62	0.995	1.007	-0.012	88	78287	20.0	22.2	
9 Butadiene	54	1.001	1.013	-0.012	92	64410	20.0	20.8	
10 Bromomethane	94	1.165	1.178	-0.013	99	60950	20.0	19.3	
11 Chloroethane	64	1.184	1.190	-0.006	99	40929	20.0	19.1	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	99	128735	20.0	20.5	
14 Pentane	72	1.317	1.330	-0.013	96	11976	40.0	27.4	
13 Trichlorofluoromethane	101	1.336	1.348	-0.012	99	83130	20.0	18.2	
15 Ethanol	46	1.415	1.433	-0.018	65	9642	800.0	1020.2	
16 Ethyl ether	74	1.427	1.439	-0.012	96	26765	20.0	18.4	
17 2-Methyl-1,3-butadiene	53	1.439	1.451	-0.012	89	35001	20.0	17.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.470	1.482	-0.012	95	46609	20.0	17.5	
20 Acrolein	56	1.500	1.512	-0.012	51	13612	40.0	32.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.518	-0.018	95	81518	20.0	19.5	a
22 1,1-Dichloroethene	96	1.555	1.567	-0.012	97	42017	20.0	15.6	
23 Acetone	58	1.579	1.597	-0.018	88	27272	100.0	86.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	75	50245	20.0	17.1	
24 Iodomethane	142	1.646	1.658	-0.012	97	84542	20.0	15.7	
26 Carbon disulfide	76	1.707	1.689	0.018	98	141617	20.0	13.8	M
25 Isopropyl alcohol	45	1.670	1.689	-0.019	33	30874	200.0	236.9	a
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	92	34362	20.0	16.1	
30 Acetonitrile	39	1.749	1.762	-0.013	76	42359	200.0	153.7	a
28 Methyl acetate	74	1.768	1.780	-0.012	98	18278	40.0	34.7	
29 Cyclopentene	67	1.798	1.810	-0.012	95	75666	20.0	14.9	
32 Methylene Chloride	84	1.828	1.841	-0.013	89	56386	20.0	18.2	
* 31 TBA-d9 (IS)	46	1.859	1.883	-0.024	100	79006	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.908	1.950	-0.042	49	63213	200.0	200.5	a
36 Acrylonitrile	53	1.974	1.987	-0.013	97	207024	200.0	221.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.999	-0.012	92	43397	20.0	16.3	
34 Methyl tert-butyl ether	73	1.993	2.005	-0.012	83	141019	20.0	18.8	
37 Hexane	56	2.151	2.163	-0.012	91	17729	20.0	14.1	
39 1,1-Dichloroethane	63	2.248	2.260	-0.012	100	81831	20.0	18.2	
40 Vinyl acetate	86	2.285	2.291	-0.006	100	12854	40.0	25.2	
38 Isopropyl ether	45	2.303	2.309	-0.006	96	137021	20.0	20.1	
41 2-Chloro-1,3-butadiene	88	2.303	2.315	-0.012	81	36803	20.0	16.5	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	92	149768	20.0	22.0	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	99	254334	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.638	2.650	-0.012	97	51749	20.0	17.6	
44 2,2-Dichloropropane	79	2.644	2.650	-0.006	47	22207	20.0	16.6	a
46 2-Butanone (MEK)	72	2.644	2.662	-0.018	98	29049	100.0	86.2	
47 Ethyl acetate	70	2.692	2.692	0.000	99	9558	40.0	36.9	
49 Propionitrile	54	2.704	2.717	-0.013	84	79861	200.0	211.4	
48 Methyl acrylate	55	2.711	2.717	-0.006	97	49123	20.0	20.0	
52 Methacrylonitrile	67	2.802	2.814	-0.012	89	200092	200.0	213.7	
51 Chlorobromomethane	128	2.808	2.820	-0.012	93	26047	20.0	17.1	
50 Tetrahydrofuran	72	2.851	2.851	-0.001	86	12759	40.0	35.1	
53 Chloroform	83	2.875	2.881	-0.006	99	78024	20.0	18.1	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	96	113370	50.0	46.1	
55 1,1,1-Trichloroethane	97	3.009	3.021	-0.012	97	68868	20.0	16.9	
54 Cyclohexane	84	3.045	3.057	-0.012	89	53494	20.0	14.8	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	96	46705	20.0	15.4	
57 Carbon tetrachloride	117	3.130	3.143	-0.013	90	53895	20.0	15.6	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	105827	50.0	44.0	
59 Isobutyl alcohol	43	3.258	3.264	-0.006	45	47102	500.0	573.6	a
61 Benzene	78	3.289	3.295	-0.006	93	156722	20.0	18.3	
65 1,2-Dichloroethane	62	3.301	3.313	-0.012	96	51160	20.0	17.5	
60 Isooctane	57	3.368	3.374	-0.006	93	74334	20.0	15.7	
64 Isopropyl acetate	61	3.374	3.386	-0.012	94	16566	20.0	20.5	a
63 Tert-amyl methyl ether	73	3.404	3.410	-0.006	98	134342	20.0	18.5	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	391669	50.0	50.0	
66 n-Heptane	43	3.514	3.526	-0.012	39	21752	20.0	13.3	
68 n-Butanol	56	3.818	3.830	-0.012	65	25232	500.0	467.3	
69 Trichloroethene	95	3.824	3.836	-0.012	97	36162	20.0	15.9	
70 Ethyl acrylate	99	3.958	3.964	-0.006	97	3828	20.0	23.6	
71 Methylcyclohexane	83	4.000	4.006	-0.006	94	52747	20.0	14.8	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	94	41971	20.0	18.6	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	71	22596	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	97	27099	20.0	17.7	
75 1,4-Dioxane	88	4.171	4.171	0.000	33	11432	400.0	443.7	
74 Methyl methacrylate	100	4.171	4.177	-0.006	83	20793	40.0	37.6	
77 n-Propyl acetate	43	4.238	4.244	-0.006	97	49592	20.0	21.4	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	99	51438	20.0	18.1	
79 2-Nitropropane	41	4.523	4.530	-0.007	98	15012	40.0	31.3	
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.006	95	18740	20.0	18.4	
81 Epichlorohydrin	57	4.657	4.663	-0.006	98	79139	400.0	362.3	
82 cis-1,3-Dichloropropene	75	4.730	4.736	-0.006	89	55170	20.0	18.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	96	184816	100.0	88.2	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	372277	50.0	51.7	
85 Toluene	91	5.065	5.065	0.000	93	145877	20.0	17.6	
86 trans-1,3-Dichloropropene	75	5.327	5.327	0.000	95	48931	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.466	5.473	-0.007	87	40924	20.0	17.9	
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	97	32650	20.0	21.0	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	33152	20.0	16.8	
90 1,3-Dichloropropane	76	5.692	5.698	-0.006	91	58633	20.0	20.0	
91 2-Hexanone	58	5.831	5.838	-0.007	94	65597	100.0	85.6	
93 Chlorodibromomethane	129	5.935	5.935	0.000	98	37647	20.0	19.2	
92 n-Butyl acetate	43	6.014	6.014	0.000	99	50731	20.0	23.5	
94 Ethylene Dibromide	107	6.038	6.038	0.000	99	38418	20.0	20.2	
* 95 Chlorobenzene-d5	117	6.592	6.598	-0.006	83	281497	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	94850	20.0	17.8	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	95	42580	20.0	18.3	
97 Ethylbenzene	106	6.793	6.793	0.000	98	46300	20.0	17.3	
99 m-Xylene & p-Xylene	106	6.939	6.945	-0.006	0	53026	20.0	16.5	
100 o-Xylene	106	7.425	7.425	0.000	94	52630	20.0	15.6	
102 Styrene	104	7.450	7.450	0.000	96	87864	20.0	17.5	
101 n-Butyl acrylate	73	7.486	7.492	-0.006	96	25613	20.0	21.2	
104 Bromoform	173	7.644	7.644	0.000	94	25273	20.0	19.5	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	92	48109	20.0	20.0	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	142628	20.0	16.7	
$ 106 4-Bromofluorobenzene	174	8.082	8.088	-0.006	89	112109	50.0	55.5	
107 Bromobenzene	156	8.241	8.241	0.000	97	42013	20.0	19.0	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.344	-0.006	97	55207	20.0	21.2	
110 1,2,3-Trichloropropane	110	8.356	8.362	-0.006	98	14562	20.0	20.4	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	93	10837	20.0	18.4	
109 N-Propylbenzene	91	8.453	8.454	-0.001	99	167123	20.0	17.4	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	108520	20.0	18.6	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	128584	20.0	17.3	
115 4-Chlorotoluene	91	8.672	8.679	-0.007	96	110712	20.0	18.0	
114 1,3,5-Trimethylbenzene	105	8.709	8.715	-0.006	93	123307	20.0	17.8	
116 Butyl Methacrylate	87	8.934	8.934	0.000	88	36898	20.0	16.9	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	89520	20.0	16.2	
118 1,2,4-Trimethylbenzene	105	9.190	9.196	-0.006	97	122035	20.0	17.5	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	138694	20.0	16.8	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	76965	20.0	18.9	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.561	0.006	94	151436	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.585	0.006	95	80982	20.0	19.0	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	124753	20.0	17.3	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	144365	20.0	18.5	
125 Benzyl chloride	126	9.761	9.761	0.000	99	15551	20.0	17.4	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	134846	20.0	18.7	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	77166	20.0	18.2	
127 p-Diethylbenzene	119	10.011	10.011	0.000	90	71247	20.0	17.8	
128 n-Butylbenzene	92	10.029	10.035	-0.006	98	66035	20.0	19.0	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	92	10258	20.0	17.6	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	98	96413	20.0	12.8	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	96	52910	20.0	17.7	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	91	46605	20.0	18.2	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	87	12727	20.0	16.0	
135 Naphthalene	128	11.617	11.617	0.000	99	129650	20.0	20.2	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	95	45979	20.0	19.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	33.9	
S 138 Xylenes, Total	100				0		40.0	32.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	85.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

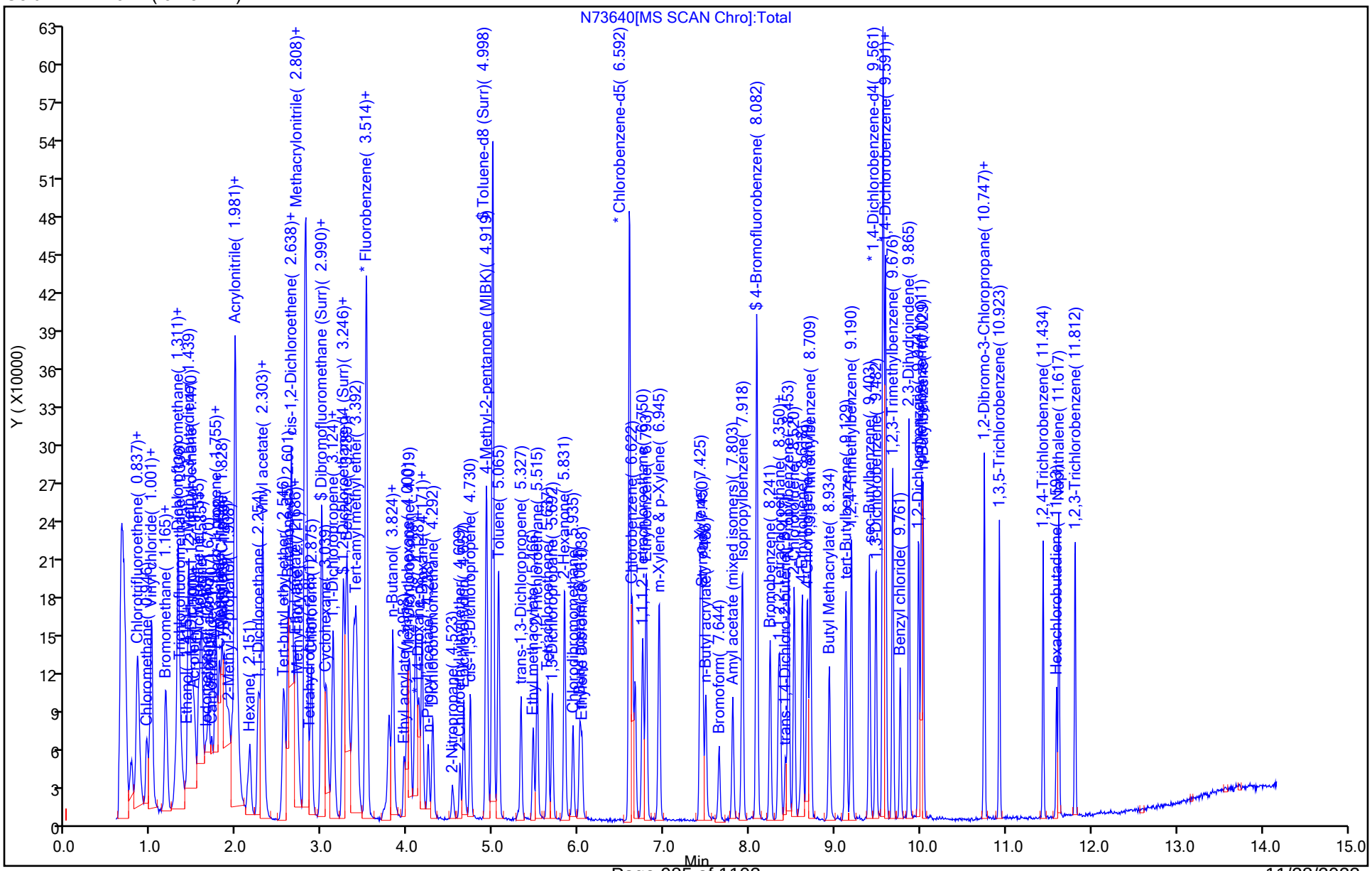
Report Date: 21-Nov-2023 13:45:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73640.D

Injection Date:	20-Nov-2023 20:19:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73640.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Nov-2023 20:19:30 ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169153-004
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:45:14 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: XE5L Date: 21-Nov-2023 13:45:14

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	46.1	92.14
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	44.0	87.98
$ 84 Toluene-d8 (Surr)	50.0	51.7	103.43
$ 106 4-Bromofluorobenzene	50.0	55.5	110.96

Eurofins Edison

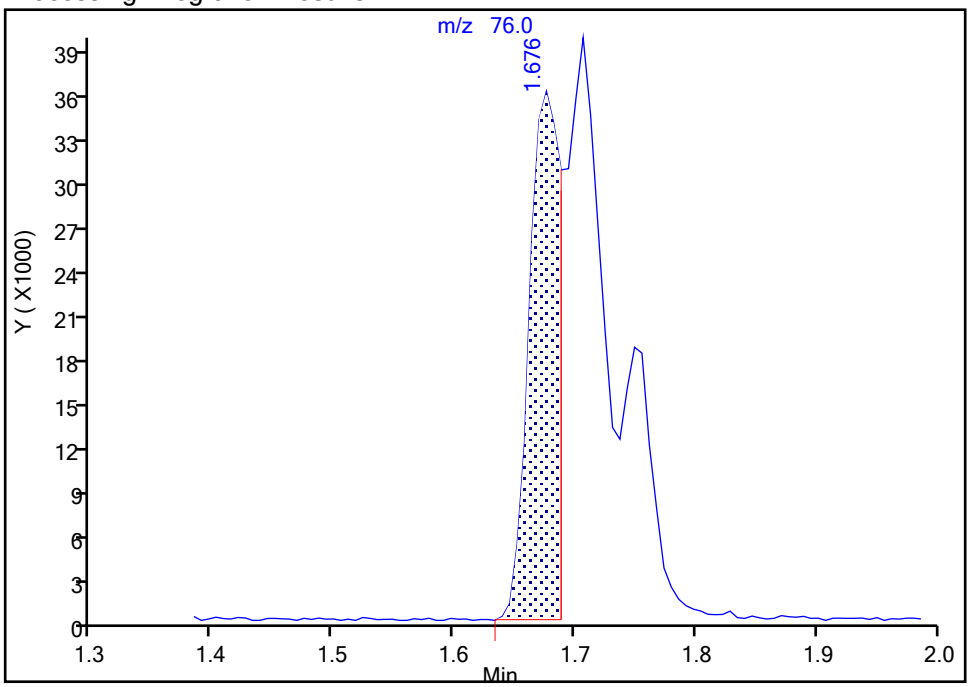
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73640.D
Injection Date: 20-Nov-2023 20:19:30 Instrument ID: CVOAMS11
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

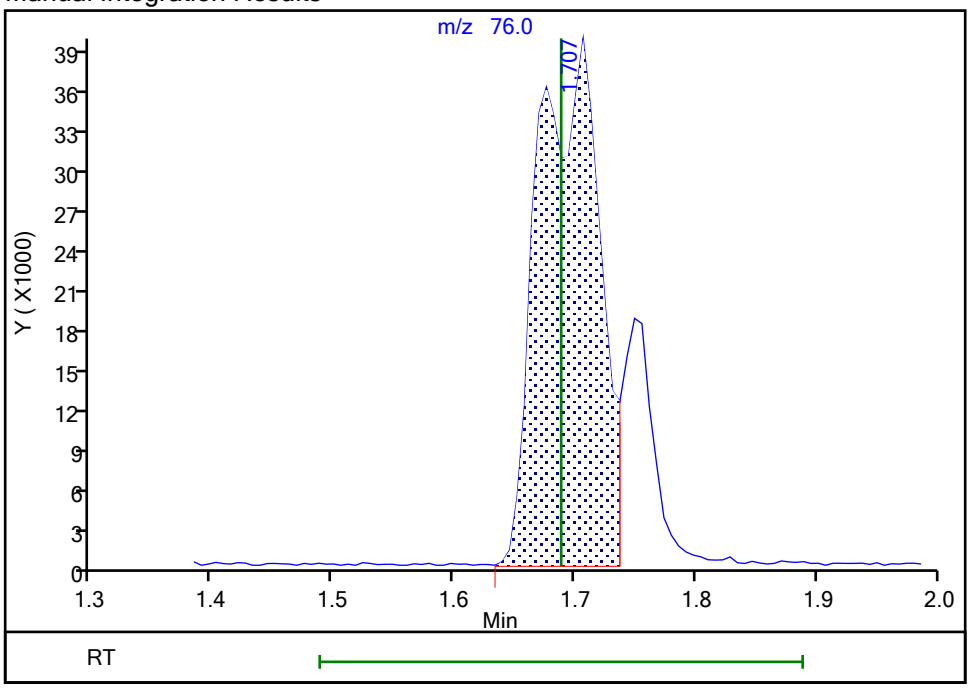
Processing Integration Results

RT: 1.68
Area: 64809
Amount: 6.333136
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 141617
Amount: 13.838815
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:44:25 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-945897/6

Matrix: Water | Lab File ID: N73665.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 07:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	25.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	24.9		1.0	0.20
75-34-3	1,1-Dichloroethane	21.8		1.0	0.26
75-35-4	1,1-Dichloroethene	20.9		1.0	0.26
107-06-2	1,2-Dichloroethane	20.8		1.0	0.43
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
591-78-6	2-Hexanone	95.6		5.0	1.1
67-64-1	Acetone	108		5.0	4.4
71-43-2	Benzene	23.8		1.0	0.20
75-27-4	Bromodichloromethane	21.3		1.0	0.34
75-25-2	Bromoform	23.5		1.0	0.54
74-83-9	Bromomethane	15.1		1.0	0.55
75-15-0	Carbon disulfide	20.4		1.0	0.82
56-23-5	Carbon tetrachloride	19.8		1.0	0.21
108-90-7	Chlorobenzene	22.2		1.0	0.38
75-00-3	Chloroethane	17.0		1.0	0.32
67-66-3	Chloroform	22.1		1.0	0.33
74-87-3	Chloromethane	14.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.3		1.0	0.22
124-48-1	Dibromochloromethane	22.1		1.0	0.28
100-41-4	Ethylbenzene	23.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	94.5		5.0	1.9
108-10-1	methyl isobutyl ketone	99.7		5.0	1.3
75-09-2	Methylene Chloride	21.8		1.0	0.32
100-42-5	Styrene	22.3		1.0	0.42
127-18-4	Tetrachloroethene	21.0		1.0	0.25
108-88-3	Toluene	22.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.8		1.0	0.22
79-01-6	Trichloroethene	20.3		1.0	0.31
75-01-4	Vinyl chloride	17.9		1.0	0.17
1330-20-7	Xylenes, Total	43.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-945897/6

Matrix: Water | Lab File ID: N73665.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 07:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	4-Bromofluorobenzene	115		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73665.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-Nov-2023 07:54:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169172-006
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:13:04 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 21-Nov-2023 11:15:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.819	0.831	-0.012	92	29300	20.0	36.4	
6 Chlorodifluoromethane	51	0.843	0.843	0.000	96	162104	20.0	27.2	
5 Dichlorodifluoromethane	85	0.843	0.849	-0.006	89	77724	20.0	18.6	
7 Chloromethane	52	0.946	0.953	-0.006	99	20932	20.0	14.9	
8 Vinyl chloride	62	0.995	0.995	0.000	97	67523	20.0	17.9	
9 Butadiene	54	1.007	1.013	-0.006	93	54928	20.0	16.6	
10 Bromomethane	94	1.165	1.172	-0.007	99	51224	20.0	15.1	
11 Chloroethane	64	1.184	1.184	0.000	99	39023	20.0	17.0	
12 Dichlorofluoromethane	67	1.305	1.311	-0.006	99	145317	20.0	21.7	
14 Pentane	72	1.317	1.318	-0.001	96	21040	40.0	46.7	
13 Trichlorofluoromethane	101	1.330	1.336	-0.006	97	88719	20.0	18.1	
15 Ethanol	46	1.421	1.427	-0.006	69	7975	800.0	818.2	
16 Ethyl ether	74	1.427	1.433	-0.006	97	35022	20.0	22.7	
17 2-Methyl-1,3-butadiene	53	1.439	1.445	-0.006	92	47108	20.0	21.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.476	-0.013	94	63443	20.0	22.2	
20 Acrolein	56	1.506	1.506	0.000	44	18614	40.0	43.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.506	0.000	94	107501	20.0	24.1	a
22 1,1-Dichloroethene	96	1.555	1.561	-0.006	97	60185	20.0	20.9	
23 Acetone	58	1.591	1.585	0.006	89	35948	100.0	107.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.591	1.591	0.000	94	71489	20.0	22.7	
24 Iodomethane	142	1.652	1.652	0.000	97	116662	20.0	20.3	
25 Isopropyl alcohol	45	1.664	1.676	-0.012	33	28255	200.0	210.3	a
26 Carbon disulfide	76	1.707	1.713	-0.006	100	223337	20.0	20.4	M
30 Acetonitrile	39	1.756	1.756	0.000	75	52160	200.0	183.5	
27 3-Chloro-1-propene	76	1.749	1.756	-0.007	92	55923	20.0	24.4	
28 Methyl acetate	74	1.774	1.774	0.000	98	25669	40.0	47.3	
29 Cyclopentene	67	1.798	1.804	-0.006	94	116768	20.0	21.5	
32 Methylene Chloride	84	1.829	1.835	-0.007	93	72255	20.0	21.8	
* 31 TBA-d9 (IS)	46	1.895	1.877	0.018	100	81480	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.920	1.926	-0.006	91	67486	200.0	207.6	a
36 Acrylonitrile	53	1.975	1.981	-0.007	97	249462	200.0	249.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.987	0.000	91	60946	20.0	21.4	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	96	175367	20.0	21.9	a
37 Hexane	56	2.157	2.151	0.006	92	30407	20.0	22.7	
39 1,1-Dichloroethane	63	2.248	2.248	0.000	99	105068	20.0	21.8	
40 Vinyl acetate	86	2.291	2.297	-0.006	99	17995	40.0	33.4	a
38 Isopropyl ether	45	2.309	2.309	0.000	91	171969	20.0	23.5	
41 2-Chloro-1,3-butadiene	88	2.309	2.309	0.000	88	51794	20.0	21.7	
42 Tert-butyl ethyl ether	59	2.546	2.552	-0.006	91	182204	20.0	25.1	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	98	269089	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	98	67609	20.0	21.5	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	90	33688	100.0	94.5	
44 2,2-Dichloropropane	79	2.644	2.656	-0.012	55	29730	20.0	20.9	
47 Ethyl acetate	70	2.692	2.686	0.006	98	10609	40.0	38.7	
49 Propionitrile	54	2.705	2.711	-0.006	77	94218	200.0	241.8	
48 Methyl acrylate	55	2.711	2.711	0.000	97	64259	20.0	24.4	
52 Methacrylonitrile	67	2.808	2.808	0.000	88	242871	200.0	242.4	
51 Chlorobromomethane	128	2.808	2.814	-0.006	83	35074	20.0	21.6	
50 Tetrahydrofuran	72	2.857	2.845	0.013	84	16940	40.0	44.1	a
53 Chloroform	83	2.875	2.881	-0.006	99	101600	20.0	22.1	
$ 56 Dibromofluoromethane (Surr)	113	2.997	2.997	0.000	96	124474	50.0	47.3	
55 1,1,1-Trichloroethane	97	3.015	3.015	0.000	99	88874	20.0	20.4	
54 Cyclohexane	84	3.051	3.057	-0.006	89	83737	20.0	21.6	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	99	68307	20.0	21.0	
57 Carbon tetrachloride	117	3.130	3.137	-0.006	94	73161	20.0	19.8	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	117084	50.0	45.5	
59 Isobutyl alcohol	43	3.270	3.270	0.000	34	47062	500.0	555.7	a
61 Benzene	78	3.289	3.289	0.000	94	211298	20.0	23.8	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	96	65184	20.0	20.8	
60 Isooctane	57	3.368	3.362	0.006	91	117960	20.0	23.4	
64 Isopropyl acetate	61	3.374	3.380	-0.006	92	20557	20.0	23.8	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	97	186755	20.0	24.1	
66 n-Heptane	43	3.508	3.514	-0.006	42	37842	20.0	21.6	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	419050	50.0	50.0	
68 n-Butanol	56	3.824	3.824	0.000	48	30041	500.0	539.5	
69 Trichloroethene	95	3.830	3.830	0.000	98	49274	20.0	20.3	
70 Ethyl acrylate	99	3.964	3.964	0.000	99	3900	20.0	22.5	
71 Methylcyclohexane	83	4.000	4.000	0.000	92	81418	20.0	21.4	a
72 1,2-Dichloropropane	63	4.025	4.031	-0.006	95	51944	20.0	21.5	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	46	23052	1000.0	1000.0	
76 Dibromomethane	93	4.128	4.128	0.000	96	33341	20.0	20.4	
75 1,4-Dioxane	88	4.171	4.171	0.000	32	12924	400.0	491.7	
74 Methyl methacrylate	100	4.165	4.171	-0.006	85	26611	40.0	44.9	
77 n-Propyl acetate	43	4.238	4.244	-0.006	97	55378	20.0	22.3	
78 Dichlorobromomethane	83	4.292	4.292	0.000	99	64596	20.0	21.3	
79 2-Nitropropane	41	4.524	4.524	0.000	96	18241	40.0	36.9	
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.006	92	24669	20.0	22.6	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	96454	400.0	417.3	
82 cis-1,3-Dichloropropene	75	4.730	4.730	0.000	89	69149	20.0	22.3	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	95	221191	100.0	99.7	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	98	392300	50.0	52.6	
85 Toluene	91	5.065	5.065	0.000	92	191176	20.0	22.2	
86 trans-1,3-Dichloropropene	75	5.327	5.327	0.000	95	59339	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.466	5.467	-0.001	88	48407	20.0	19.8	
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	97	40114	20.0	24.9	
89 Tetrachloroethene	166	5.637	5.643	-0.006	96	42989	20.0	21.0	
90 1,3-Dichloropropane	76	5.692	5.692	0.000	91	71629	20.0	23.6	
91 2-Hexanone	58	5.838	5.838	0.000	97	77542	100.0	95.6	
93 Chlorodibromomethane	129	5.935	5.935	0.000	98	44737	20.0	22.1	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	55738	20.0	25.0	
94 Ethylene Dibromide	107	6.038	6.038	0.000	97	47225	20.0	24.0	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	291565	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	95	122626	20.0	22.2	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	96	53435	20.0	22.2	
97 Ethylbenzene	106	6.793	6.793	0.000	97	63673	20.0	23.0	
99 m-Xylene & p-Xylene	106	6.939	6.939	0.000	0	72936	20.0	22.0	
100 o-Xylene	106	7.425	7.425	0.000	94	73708	20.0	21.2	
102 Styrene	104	7.450	7.450	0.000	97	116011	20.0	22.3	
101 n-Butyl acrylate	73	7.486	7.486	0.000	97	28616	20.0	22.8	
104 Bromoform	173	7.644	7.644	0.000	95	30920	20.0	23.5	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	92	54077	20.0	22.1	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	200579	20.0	22.7	
$ 106 4-Bromofluorobenzene	174	8.089	8.089	-0.001	95	119850	50.0	57.3	
107 Bromobenzene	156	8.241	8.241	0.000	98	49747	20.0	22.2	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.338	0.006	99	68517	20.0	25.9	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	17637	20.0	24.3	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	92	13841	20.0	23.1	
109 N-Propylbenzene	91	8.454	8.454	0.000	99	229172	20.0	23.5	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	147380	20.0	24.9	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	175175	20.0	23.2	
115 4-Chlorotoluene	91	8.673	8.673	0.000	97	144396	20.0	23.2	
114 1,3,5-Trimethylbenzene	105	8.709	8.709	0.000	93	171563	20.0	24.4	
116 Butyl Methacrylate	87	8.934	8.934	0.000	88	44736	20.0	20.1	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	124860	20.0	22.3	
118 1,2,4-Trimethylbenzene	105	9.190	9.190	0.000	97	171611	20.0	24.3	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	195802	20.0	23.4	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	98	94882	20.0	22.9	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	153685	50.0	50.0	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	97	169059	20.0	23.1	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	95	97284	20.0	22.5	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	190930	20.0	24.1	
125 Benzyl chloride	126	9.761	9.762	-0.001	99	21339	20.0	23.6	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	178607	20.0	24.5	
129 1,2-Dichlorobenzene	146	9.980	9.981	-0.001	96	99153	20.0	23.0	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	99145	20.0	24.4	
128 n-Butylbenzene	92	10.029	10.029	0.000	97	90259	20.0	25.5	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	96	12791	20.0	21.7	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	127426	20.0	16.6	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	96	65660	20.0	21.7	
133 1,2,4-Trichlorobenzene	180	11.434	11.435	0.000	93	56286	20.0	21.6	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	90	15251	20.0	18.8	
135 Naphthalene	128	11.623	11.617	0.006	99	157072	20.0	24.1	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	58746	20.0	23.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.9	
S 138 Xylenes, Total	100				0		40.0	43.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	112.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

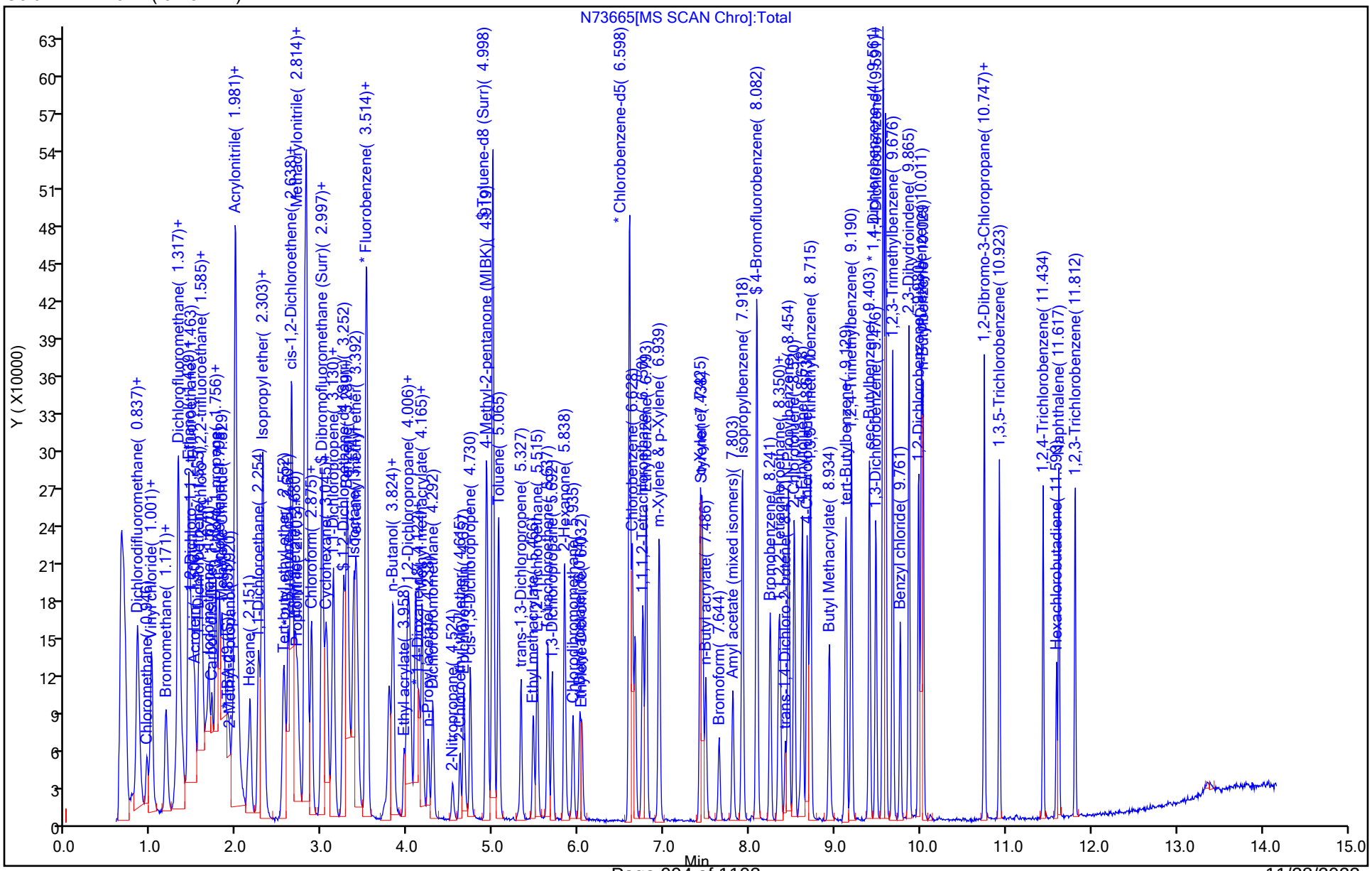
Report Date: 22-Nov-2023 12:13:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73665.D

Injection Date:	21-Nov-2023 07:54:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73665.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-Nov-2023 07:54:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169172-006
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:13:04 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 21-Nov-2023 11:15:52

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.3	94.55
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.5	90.98
$ 84 Toluene-d8 (Surr)	50.0	52.6	105.23
$ 106 4-Bromofluorobenzene	50.0	57.3	114.53

Manual Integration/User Assign Peak Report

Eurofins Edison

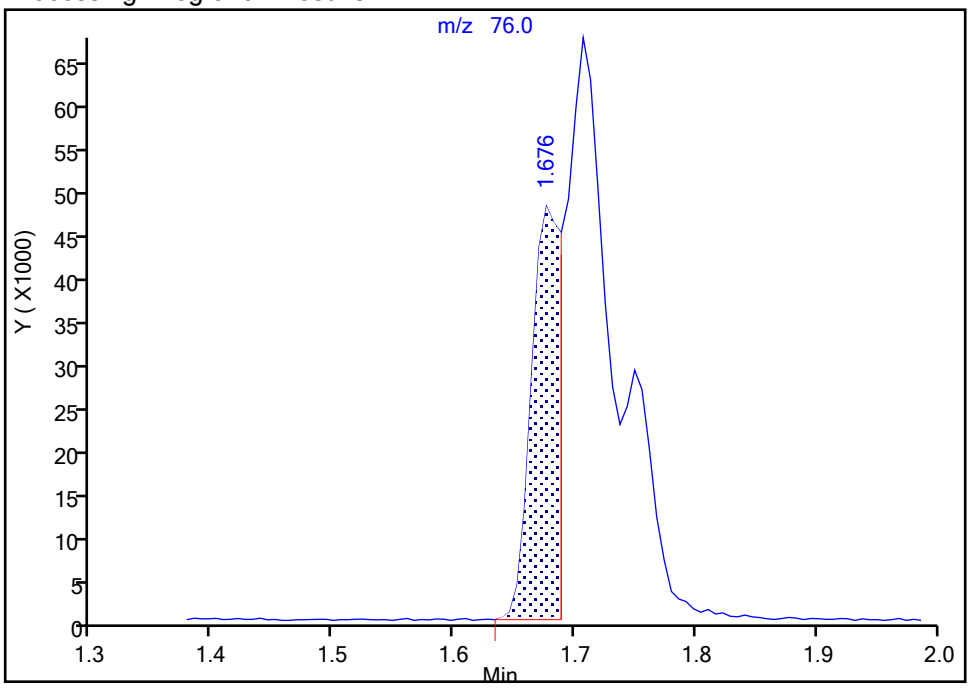
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73665.D
Injection Date: 21-Nov-2023 07:54:30 Instrument ID: CVOAMS11
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

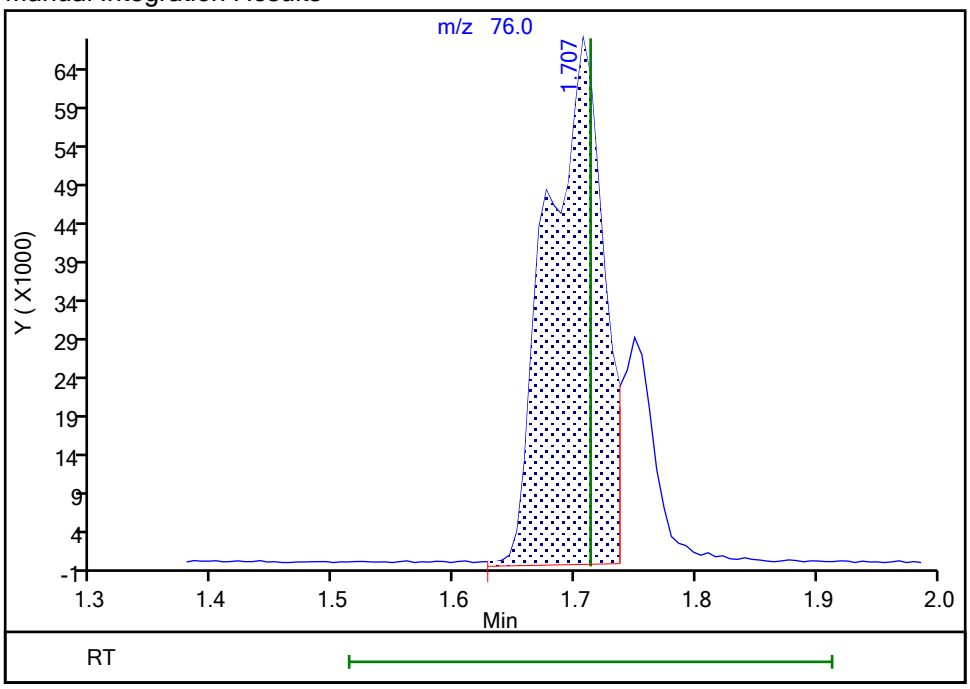
Processing Integration Results

RT: 1.68
Area: 84119
Amount: 7.683002
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 223337
Amount: 20.398467
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:12:06 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

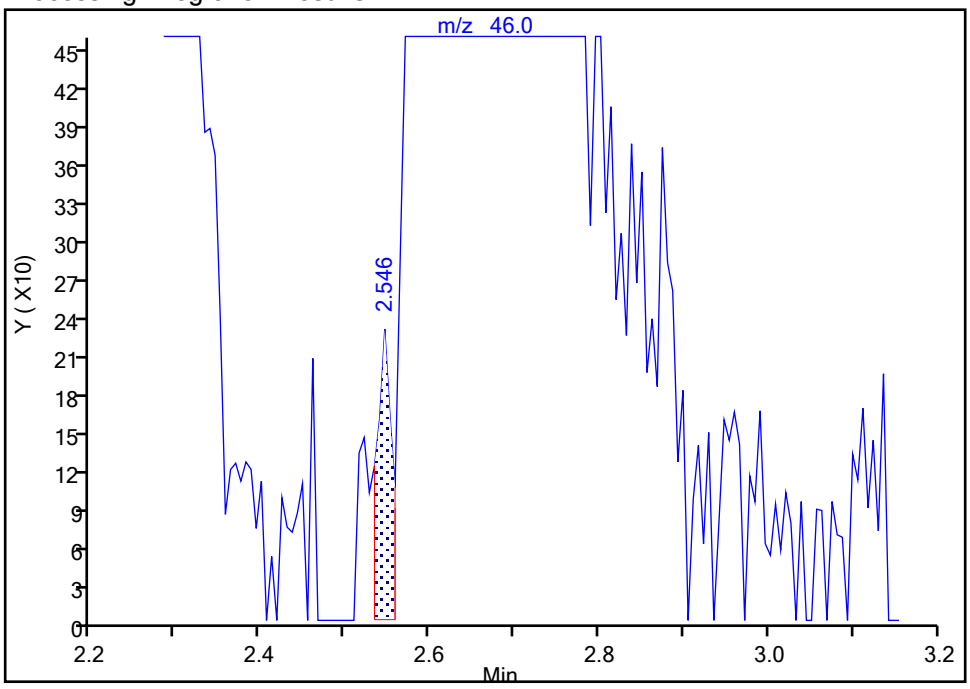
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73665.D
Injection Date: 21-Nov-2023 07:54:30 Instrument ID: CVOAMS11
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

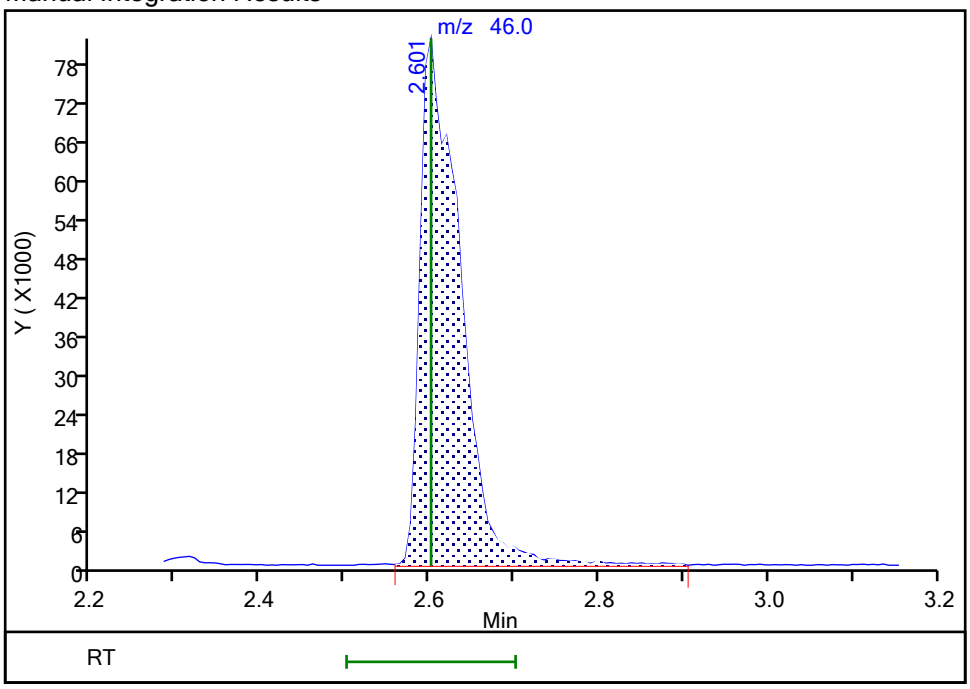
Processing Integration Results

RT: 2.55
Area: 282
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 269089
Amount: 250.0000
Amount Units: ug/l



Reviewer: KG2Q, 21-Nov-2023 08:25:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-946046/3

Matrix: Water | Lab File ID: P22078.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 19:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	23.0		1.0	0.20
75-34-3	1,1-Dichloroethane	22.5		1.0	0.26
75-35-4	1,1-Dichloroethene	20.1		1.0	0.26
107-06-2	1,2-Dichloroethane	25.2		1.0	0.43
78-87-5	1,2-Dichloropropane	22.7		1.0	0.35
591-78-6	2-Hexanone	85.8		5.0	1.1
67-64-1	Acetone	89.7		5.0	4.4
71-43-2	Benzene	20.7		1.0	0.20
75-27-4	Bromodichloromethane	23.2		1.0	0.34
75-25-2	Bromoform	23.2		1.0	0.54
74-83-9	Bromomethane	10.9		1.0	0.55
75-15-0	Carbon disulfide	23.0		1.0	0.82
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	21.5		1.0	0.38
75-00-3	Chloroethane	20.5		1.0	0.32
67-66-3	Chloroform	22.6		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
124-48-1	Dibromochloromethane	22.2		1.0	0.28
100-41-4	Ethylbenzene	20.5		1.0	0.30
78-93-3	Methyl Ethyl Ketone	84.9		5.0	1.9
108-10-1	methyl isobutyl ketone	91.1		5.0	1.3
75-09-2	Methylene Chloride	22.8		1.0	0.32
100-42-5	Styrene	20.0		1.0	0.42
127-18-4	Tetrachloroethene	22.4		1.0	0.25
108-88-3	Toluene	20.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.2		1.0	0.22
79-01-6	Trichloroethene	22.1		1.0	0.31
75-01-4	Vinyl chloride	18.3		1.0	0.17
1330-20-7	Xylenes, Total	41.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-946046/3

Matrix: Water Lab File ID: P22078.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 19:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946046 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22078.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-Nov-2023 19:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169207-003
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:40:16 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 22:06:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.988	0.988	0.000	88	15624	20.0	19.6	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	99	103889	20.0	19.8	
168 Chlorodifluoromethane	51	1.060	1.060	0.000	95	197091	20.0	22.2	
6 Chloromethane	50	1.160	1.153	0.007	64	156741	20.0	18.8	
175 Butadiene	54	1.167	1.153	0.014	92	102917	20.0	18.6	
7 Vinyl chloride	62	1.160	1.160	0.000	96	105053	20.0	18.3	
9 Bromomethane	94	1.346	1.339	0.007	96	25926	20.0	10.9	
10 Chloroethane	64	1.418	1.411	0.008	99	72515	20.0	20.5	
11 Pentane	72	1.489	1.482	0.007	97	30157	40.0	32.9	
12 Trichlorofluoromethane	101	1.489	1.482	0.007	98	122157	20.0	19.7	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	98	170530	20.0	22.3	
14 2-Methyl-1,3-butadiene	67	1.654	1.654	0.000	94	128148	20.0	21.5	
15 Ethyl ether	59	1.661	1.654	0.007	92	66984	20.0	24.2	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.769	0.007	96	35495	20.0	22.3	
17 1,1-Dichloroethene	96	1.783	1.776	0.007	93	65855	20.0	20.1	
16 Ethanol	46	1.805	1.797	0.008	25	14216	800.0	765.6	a
19 Carbon disulfide	76	1.805	1.797	0.008	100	277587	20.0	23.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.797	0.008	57	72687	20.0	22.1	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.804	0.008	94	115265	20.0	21.2	
22 Iodomethane	142	1.876	1.869	0.007	99	54163	20.0	16.3	
169 Cyclopentene	67	1.962	1.955	0.007	96	184222	20.0	22.1	
24 Acrolein	56	1.977	1.969	0.007	95	16644	40.0	36.4	
164 3-Chloro-1-propene	76	2.070	2.062	0.008	28	49031	20.0	21.6	
26 Isopropyl alcohol	45	2.084	2.077	0.007	96	34720	200.0	201.3	
27 Methylene Chloride	84	2.141	2.141	0.000	97	89927	20.0	22.8	
28 Acetone	43	2.156	2.148	0.008	83	89875	100.0	89.7	
29 trans-1,2-Dichloroethene	96	2.234	2.227	0.007	98	81370	20.0	22.0	
30 Methyl acetate	74	2.234	2.234	0.000	98	18964	40.0	40.7	
31 Hexane	86	2.292	2.284	0.008	92	18144	20.0	22.4	
32 Methyl tert-butyl ether	73	2.299	2.299	0.000	85	217393	20.0	24.9	
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	99	202060	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 2-Methyl-2-propanol	59	2.356	2.356	0.000	96	35530	200.0	170.5	
35 Acetonitrile	41	2.464	2.456	0.008	99	86590	200.0	226.9	
36 Isopropyl ether	45	2.557	2.549	0.008	95	339345	20.0	24.3	
37 2-Chloro-1,3-butadiene	88	2.621	2.621	0.000	95	74591	20.0	21.2	
38 1,1-Dichloroethane	63	2.636	2.628	0.008	99	176467	20.0	22.5	
39 Acrylonitrile	53	2.664	2.657	0.007	95	244231	200.0	252.8	
41 Vinyl acetate	43	2.815	2.807	0.008	99	314151	40.0	73.0	
40 Tert-butyl ethyl ether	59	2.815	2.807	0.008	68	267452	20.0	23.4	
42 cis-1,2-Dichloroethene	96	3.022	3.015	0.007	91	88112	20.0	21.8	
43 2,2-Dichloropropane	97	3.101	3.094	0.007	92	24453	20.0	22.0	
45 Chlorobromomethane	128	3.166	3.165	0.001	97	39926	20.0	24.9	
44 Cyclohexane	56	3.180	3.173	0.007	97	154901	20.0	23.0	
46 Chloroform	83	3.230	3.230	0.000	97	152697	20.0	22.6	
48 Ethyl acetate	70	3.323	3.323	0.000	98	11559	40.0	33.0	
49 Methyl acrylate	55	3.330	3.323	0.007	97	56386	20.0	25.7	
47 Carbon tetrachloride	117	3.337	3.337	0.000	97	109521	20.0	22.4	
50 Tetrahydrofuran	42	3.352	3.352	0.000	90	53489	40.0	37.3	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	96	154392	50.0	53.1	
52 1,1,1-Trichloroethane	97	3.388	3.388	0.000	96	133408	20.0	22.4	
* 53 2-Butanone-d5	46	3.423	3.416	0.007	99	360612	250.0	250.0	
54 2-Butanone (MEK)	72	3.466	3.459	0.007	98	34669	100.0	84.9	
55 1,1-Dichloropropene	110	3.488	3.488	0.000	90	39580	20.0	21.9	
56 Isooctane	57	3.588	3.588	0.000	97	194768	20.0	23.0	
57 n-Heptane	57	3.681	3.681	0.000	91	46246	20.0	23.5	
58 Benzene	78	3.688	3.688	0.000	98	357922	20.0	20.7	
59 Propionitrile	54	3.696	3.688	0.008	95	82687	200.0	210.1	
60 Methacrylonitrile	67	3.717	3.710	0.007	97	245557	200.0	253.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	200841	50.0	57.1	
62 Tert-amyl methyl ether	73	3.803	3.803	0.000	96	211263	20.0	23.1	
63 1,2-Dichloroethane	62	3.860	3.853	0.007	97	123439	20.0	25.2	
64 Isobutyl alcohol	43	3.911	3.910	0.001	98	52533	500.0	470.1	
* 66 Fluorobenzene	96	4.054	4.047	0.008	98	808941	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.104	0.007	96	131695	20.0	26.4	
68 Methylcyclohexane	83	4.204	4.197	0.007	90	125067	20.0	22.9	
69 Trichloroethene	130	4.211	4.211	0.000	96	89352	20.0	22.1	
72 n-Butanol	56	4.584	4.584	0.000	79	26109	500.0	440.7	
71 Dibromomethane	93	4.598	4.598	0.000	96	46998	20.0	25.6	
73 1,2-Dichloropropane	63	4.698	4.691	0.007	83	97309	20.0	22.7	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	71860	20.0	22.4	
75 Dichlorobromomethane	83	4.777	4.777	0.000	97	116078	20.0	23.2	
* 76 1,4-Dioxane-d8	96	4.949	4.949	0.000	80	27905	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	93	27796	40.0	46.1	
78 1,4-Dioxane	88	4.985	4.978	0.007	97	11562	400.0	421.5	
79 n-Propyl acetate	43	5.128	5.128	0.000	99	87809	20.0	26.2	
80 2-Chloroethyl vinyl ether	63	5.408	5.400	0.008	94	23195	20.0	20.2	
81 cis-1,3-Dichloropropene	75	5.443	5.443	0.000	97	142668	20.0	20.6	
$ 82 Toluene-d8 (Surr)	98	5.651	5.651	0.000	98	642149	50.0	45.8	
83 Toluene	91	5.716	5.708	0.008	93	365181	20.0	20.0	
84 Epichlorohydrin	57	5.723	5.723	0.000	99	69494	400.0	389.2	
85 2-Nitropropane	41	5.959	5.959	0.000	100	32973	40.0	48.7	
86 Tetrachloroethene	166	6.160	6.160	0.000	95	87418	20.0	22.4	
87 4-Methyl-2-pentanone (MIBK)	43	6.181	6.181	0.000	99	299724	100.0	91.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 trans-1,3-Dichloropropene	75	6.217	6.217	0.000	97	122406	20.0	21.2	
89 1,1,2-Trichloroethane	83	6.403	6.403	0.000	92	55169	20.0	23.0	
90 Ethyl methacrylate	69	6.475	6.475	0.000	94	71213	20.0	21.4	
91 Chlorodibromomethane	129	6.618	6.611	0.007	97	70959	20.0	22.2	
92 1,3-Dichloropropane	76	6.733	6.733	0.000	97	119685	20.0	22.8	
93 Ethylene Dibromide	107	6.876	6.876	0.000	99	59358	20.0	22.8	
94 n-Butyl acetate	43	7.191	7.191	0.000	97	91205	20.0	21.1	
95 2-Hexanone	43	7.263	7.263	0.000	98	194225	100.0	85.8	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	645687	50.0	50.0	
97 Chlorobenzene	112	7.599	7.599	0.000	92	235545	20.0	21.5	
98 Ethylbenzene	106	7.685	7.685	0.000	99	124780	20.0	20.5	
99 1,1,1,2-Tetrachloroethane	131	7.714	7.714	0.000	92	77580	20.0	21.4	
100 m-Xylene & p-Xylene	106	7.900	7.900	0.000	0	154049	20.0	20.7	
101 o-Xylene	106	8.502	8.502	0.000	93	147691	20.0	20.3	
102 Bromoform	173	8.574	8.574	0.000	94	41329	20.0	23.2	
103 Styrene	104	8.581	8.581	0.000	92	239208	20.0	20.0	
104 n-Butyl acrylate	73	8.896	8.889	0.007	95	39173	20.0	17.7	
105 Isopropylbenzene	105	8.996	8.996	0.000	97	382104	20.0	20.5	
106 Amyl acetate (mixed isomers)	43	9.311	9.311	0.000	88	117244	20.0	18.3	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	87	211137	50.0	49.5	
108 Bromobenzene	156	9.491	9.490	0.001	95	93523	20.0	19.4	
109 N-Propylbenzene	91	9.634	9.641	-0.007	99	461502	20.0	17.8	
110 1,1,2,2-Tetrachloroethane	83	9.777	9.770	0.007	97	66697	20.0	22.0	
111 2-Chlorotoluene	91	9.820	9.820	0.000	97	324067	20.0	18.0	
172 4-Ethyltoluene	105	9.827	9.827	0.000	98	386737	20.0	18.1	
113 1,2,3-Trichloropropane	110	9.920	9.913	0.007	96	20002	20.0	21.6	
114 1,3,5-Trimethylbenzene	105	9.985	9.985	0.000	92	321305	20.0	18.1	
115 trans-1,4-Dichloro-2-butene	53	10.035	10.035	0.000	80	24482	20.0	19.6	
116 4-Chlorotoluene	91	10.085	10.085	0.000	99	299876	20.0	18.6	
117 tert-Butylbenzene	119	10.465	10.465	0.000	93	261744	20.0	18.0	
119 Butyl Methacrylate	87	10.572	10.565	0.007	95	82650	20.0	15.1	
118 1,2,4-Trimethylbenzene	105	10.594	10.586	0.008	98	339618	20.0	18.5	
120 sec-Butylbenzene	105	10.758	10.758	0.000	98	374821	20.0	18.2	
121 1,3-Dichlorobenzene	146	11.031	11.023	0.008	93	182449	20.0	20.1	
122 4-Isopropyltoluene	119	11.038	11.038	0.000	97	324132	20.0	18.3	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	98	368785	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.181	11.181	0.000	94	186342	20.0	20.4	
125 1,2,3-Trimethylbenzene	105	11.274	11.274	0.000	99	344289	20.0	18.7	
165 2,3-Dihydroindene	117	11.432	11.432	0.000	0	311308	20.0	19.1	
127 Benzyl chloride	126	11.575	11.575	0.000	96	23538	20.0	18.5	
167 p-Diethylbenzene	119	11.589	11.589	0.000	93	193180	20.0	18.7	
129 n-Butylbenzene	91	11.654	11.654	0.000	98	291751	20.0	18.5	
130 1,2-Dichlorobenzene	146	11.754	11.761	-0.007	93	165226	20.0	21.1	
166 1,2,4,5-Tetramethylbenzene	119	12.563	12.563	0.000	97	273549	20.0	18.1	
132 1,2-Dibromo-3-Chloropropane	157	12.707	12.707	0.000	91	12172	20.0	26.4	
133 1,3,5-Trichlorobenzene	180	12.750	12.750	0.000	96	117728	20.0	21.5	
134 1,2,4-Trichlorobenzene	180	13.380	13.380	0.000	93	92036	20.0	24.8	
135 Hexachlorobutadiene	225	13.394	13.394	0.000	90	34179	20.0	20.9	
136 Naphthalene	128	13.667	13.666	0.001	99	158306	20.0	26.8	
137 1,2,3-Trichlorobenzene	180	13.817	13.817	0.000	95	61692	20.0	29.4	
S 138 1,2-Dichloroethene, Total	100				0		40.0	43.9	
S 140 Xylenes, Total	100				0		40.0	41.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

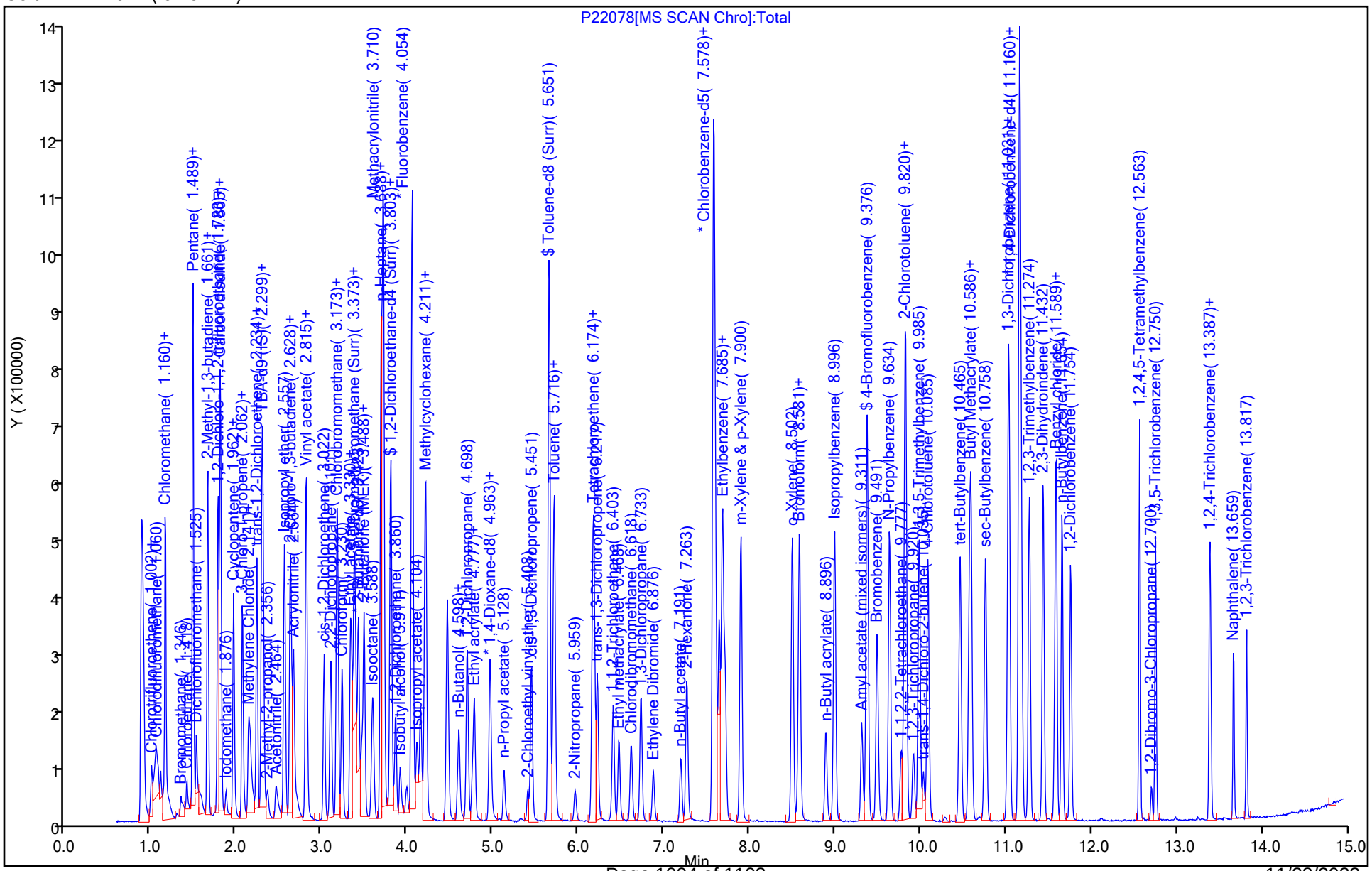
Report Date: 22-Nov-2023 10:40:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22078.D

Injection Date:	21-Nov-2023 19:30:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22078.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-Nov-2023 19:30:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169207-003
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:40:16 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 22:06:56

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	53.1	106.24
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	57.1	114.21
$ 82 Toluene-d8 (Surr)	50.0	45.8	91.68
$ 107 4-Bromofluorobenzene	50.0	49.5	99.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-946160/5

Matrix: Water | Lab File ID: N73717.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 08:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
75-34-3	1,1-Dichloroethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	16.8		1.0	0.26
107-06-2	1,2-Dichloroethane	16.5		1.0	0.43
78-87-5	1,2-Dichloropropane	17.9		1.0	0.35
591-78-6	2-Hexanone	96.9		5.0	1.1
67-64-1	Acetone	108		5.0	4.4
71-43-2	Benzene	20.2		1.0	0.20
75-27-4	Bromodichloromethane	17.6		1.0	0.34
75-25-2	Bromoform	20.1		1.0	0.54
74-83-9	Bromomethane	20.9		1.0	0.55
75-15-0	Carbon disulfide	15.7		1.0	0.82
56-23-5	Carbon tetrachloride	17.0		1.0	0.21
108-90-7	Chlorobenzene	19.7		1.0	0.38
75-00-3	Chloroethane	20.7		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	32.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.22
124-48-1	Dibromochloromethane	19.1		1.0	0.28
100-41-4	Ethylbenzene	20.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.2		5.0	1.9
108-10-1	methyl isobutyl ketone	98.8		5.0	1.3
75-09-2	Methylene Chloride	18.6		1.0	0.32
100-42-5	Styrene	19.4		1.0	0.42
127-18-4	Tetrachloroethene	18.7		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.22
79-01-6	Trichloroethene	16.6		1.0	0.31
75-01-4	Vinyl chloride	25.8		1.0	0.17
1330-20-7	Xylenes, Total	36.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-946160/5

Matrix: Water Lab File ID: N73717.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/22/2023 08:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946160 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73717.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-Nov-2023 08:04:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169233-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:55:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.837	0.831	0.006	47	24481	20.0	25.6	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	94	143928	20.0	20.4	a
5 Dichlorodifluoromethane	85	0.855	0.849	0.006	59	127158	20.0	25.8	
7 Chloromethane	52	0.959	0.952	0.007	99	40140	20.0	32.8	
8 Vinyl chloride	62	1.007	1.001	0.006	98	115405	20.0	25.8	
9 Butadiene	54	1.013	1.007	0.006	94	96362	20.0	24.6	
10 Bromomethane	94	1.178	1.171	0.007	99	83948	20.0	20.9	
11 Chloroethane	64	1.190	1.184	0.006	99	56220	20.0	20.7	
12 Dichlorofluoromethane	67	1.317	1.311	0.006	99	162889	20.0	20.5	
14 Pentane	72	1.324	1.317	0.007	97	19614	40.0	48.8	
13 Trichlorofluoromethane	101	1.342	1.336	0.006	98	114379	20.0	19.7	M
15 Ethanol	46	1.439	1.397	0.043	67	9868	800.0	1136.3	
16 Ethyl ether	74	1.439	1.433	0.006	92	34601	20.0	18.8	
17 2-Methyl-1,3-butadiene	53	1.451	1.445	0.006	93	49481	20.0	19.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.482	1.470	0.012	95	60853	20.0	18.0	a
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.512	1.500	0.012	93	104769	20.0	19.8	a
20 Acrolein	56	1.506	1.506	0.000	50	16192	40.0	42.2	
22 1,1-Dichloroethene	96	1.561	1.555	0.006	97	57210	20.0	16.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.603	1.585	0.018	95	73074	20.0	19.6	
23 Acetone	58	1.591	1.585	0.006	88	31771	100.0	108.4	
24 Iodomethane	142	1.658	1.646	0.012	96	115531	20.0	17.0	
25 Isopropyl alcohol	45	1.689	1.670	0.019	28	32244	200.0	269.3	Ma
26 Carbon disulfide	76	1.689	1.676	0.013	98	203993	20.0	15.7	M
27 3-Chloro-1-propene	76	1.762	1.755	0.007	92	50580	20.0	18.7	a
30 Acetonitrile	39	1.762	1.755	0.007	77	58072	200.0	229.3	
28 Methyl acetate	74	1.774	1.768	0.006	98	20933	40.0	43.3	
29 Cyclopentene	67	1.804	1.798	0.006	94	113691	20.0	17.7	
32 Methylene Chloride	84	1.835	1.828	0.007	89	73184	20.0	18.6	
* 31 TBA-d9 (IS)	46	1.895	1.859	0.036	100	72599	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.926	1.914	0.012	95	61528	200.0	212.4	a
36 Acrylonitrile	53	1.981	1.974	0.007	95	224878	200.0	189.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.993	1.987	0.006	91	61588	20.0	18.3	
34 Methyl tert-butyl ether	73	2.005	1.999	0.006	96	171477	20.0	18.1	
37 Hexane	56	2.157	2.151	0.006	90	27205	20.0	17.1	
39 1,1-Dichloroethane	63	2.254	2.248	0.006	99	105625	20.0	18.5	
40 Vinyl acetate	86	2.291	2.279	0.012	100	17493	40.0	37.0	a
38 Isopropyl ether	45	2.309	2.303	0.006	83	165005	20.0	19.1	
41 2-Chloro-1,3-butadiene	88	2.309	2.309	0.000	81	51340	20.0	18.2	
42 Tert-butyl ethyl ether	59	2.552	2.546	0.006	91	175184	20.0	20.3	
* 43 2-Butanone-d5	46	2.613	2.607	0.006	99	236242	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	99	66692	20.0	17.9	
46 2-Butanone (MEK)	72	2.656	2.650	0.006	100	30419	100.0	97.2	
44 2,2-Dichloropropane	79	2.656	2.656	0.000	69	31960	20.0	18.9	
47 Ethyl acetate	70	2.698	2.698	0.000	100	10218	40.0	42.4	
49 Propionitrile	54	2.705	2.698	0.007	82	83450	200.0	240.4	
48 Methyl acrylate	55	2.723	2.723	0.000	98	53171	20.0	17.0	
52 Methacrylonitrile	67	2.808	2.802	0.006	88	219690	200.0	185.2	
51 Chlorobromomethane	128	2.814	2.808	0.006	88	35521	20.0	18.4	
50 Tetrahydrofuran	72	2.844	2.844	0.000	88	13204	40.0	39.2	
53 Chloroform	83	2.881	2.875	0.006	100	103859	20.0	19.0	
$ 56 Dibromofluoromethane (Surr)	113	2.997	2.990	0.007	97	147194	50.0	47.2	
55 1,1,1-Trichloroethane	97	3.015	3.009	0.006	98	90154	20.0	17.5	
54 Cyclohexane	84	3.057	3.051	0.006	88	83317	20.0	18.2	
58 1,1-Dichloropropene	75	3.130	3.124	0.006	98	65942	20.0	17.1	
57 Carbon tetrachloride	117	3.136	3.130	0.006	90	74182	20.0	17.0	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	139554	50.0	45.8	
59 Isobutyl alcohol	43	3.264	3.258	0.006	97	47806	500.0	633.5	
61 Benzene	78	3.289	3.288	0.001	96	204811	20.0	20.2	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	97	61246	20.0	16.5	
60 Isooctane	57	3.368	3.368	0.000	95	116978	20.0	19.6	
64 Isopropyl acetate	61	3.386	3.380	0.006	98	17742	20.0	17.4	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	97	168150	20.0	18.3	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	496241	50.0	50.0	
66 n-Heptane	43	3.526	3.520	0.006	41	35611	20.0	17.2	
69 Trichloroethene	95	3.830	3.830	0.000	97	47758	20.0	16.6	
68 n-Butanol	56	3.830	3.830	0.000	38	25674	500.0	517.5	a
70 Ethyl acrylate	99	3.970	3.964	0.006	96	3719	20.0	18.2	
71 Methylcyclohexane	83	4.000	4.000	0.000	90	83278	20.0	18.5	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	94	51173	20.0	17.9	
* 73 1,4-Dioxane-d8	96	4.128	4.122	0.006	63	26395	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.134	0.000	96	33661	20.0	17.4	
75 1,4-Dioxane	88	4.177	4.165	0.012	32	11695	400.0	388.6	
74 Methyl methacrylate	100	4.177	4.177	0.000	82	22512	40.0	32.1	
77 n-Propyl acetate	43	4.244	4.244	0.000	97	49683	20.0	16.9	
78 Dichlorobromomethane	83	4.298	4.292	0.006	99	63196	20.0	17.6	
79 2-Nitropropane	41	4.530	4.530	0.000	98	16070	40.0	36.5	
80 2-Chloroethyl vinyl ether	63	4.621	4.615	0.006	92	20426	20.0	15.8	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	85735	400.0	422.5	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	71477	20.0	20.1	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.919	0.006	95	192462	100.0	98.8	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	455522	50.0	53.3	
85 Toluene	91	5.065	5.065	0.000	92	194834	20.0	19.8	
86 trans-1,3-Dichloropropene	75	5.327	5.326	0.001	95	60648	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.466	5.473	-0.006	86	45241	20.0	15.6	
88 1,1,2-Trichloroethane	83	5.521	5.515	0.006	97	38912	20.0	21.1	
89 Tetrachloroethene	166	5.643	5.643	0.000	93	43803	20.0	18.7	
90 1,3-Dichloropropane	76	5.692	5.692	0.000	90	69048	20.0	19.9	
91 2-Hexanone	58	5.838	5.838	0.000	94	68960	100.0	96.9	
93 Chlorodibromomethane	129	5.935	5.935	0.000	98	44470	20.0	19.1	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	50352	20.0	19.7	
94 Ethylene Dibromide	107	6.038	6.038	0.000	97	45378	20.0	20.1	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	334130	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	97	124426	20.0	19.7	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	95	52414	20.0	19.0	
97 Ethylbenzene	106	6.793	6.793	0.000	97	63582	20.0	20.0	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	72038	20.0	18.9	
100 o-Xylene	106	7.425	7.425	0.000	94	71398	20.0	17.9	
102 Styrene	104	7.450	7.450	0.000	97	116131	20.0	19.4	
101 n-Butyl acrylate	73	7.486	7.486	0.000	97	28750	20.0	20.0	
104 Bromoform	173	7.644	7.644	0.000	95	30148	20.0	20.1	
103 Amyl acetate (mixed isomers)	43	7.809	7.803	0.007	92	52121	20.0	18.8	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	193452	20.0	19.1	
$ 106 4-Bromofluorobenzene	174	8.089	8.088	0.000	90	120855	50.0	50.4	
107 Bromobenzene	156	8.241	8.247	-0.006	98	52461	20.0	20.6	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.338	0.006	99	65201	20.0	21.7	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	16766	20.0	20.3	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.417	0.006	92	13232	20.0	19.4	
109 N-Propylbenzene	91	8.460	8.460	0.000	99	228943	20.0	20.7	
112 2-Chlorotoluene	91	8.527	8.520	0.007	96	144069	20.0	21.4	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	176773	20.0	20.6	
115 4-Chlorotoluene	91	8.679	8.672	0.007	96	146207	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	8.709	8.715	-0.006	93	166071	20.0	20.8	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	43971	20.0	17.4	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	119953	20.0	18.8	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	165765	20.0	20.6	
119 sec-Butylbenzene	105	9.403	9.402	0.001	99	193885	20.0	20.4	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	95	96538	20.0	20.5	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	174682	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.585	0.006	95	102001	20.0	20.8	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	166220	20.0	20.0	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	187242	20.0	20.8	
125 Benzyl chloride	126	9.768	9.768	0.000	99	22596	20.0	22.0	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	175649	20.0	21.2	
129 1,2-Dichlorobenzene	146	9.981	9.980	0.000	97	102642	20.0	21.0	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	99090	20.0	21.4	
128 n-Butylbenzene	92	10.029	10.029	0.000	96	90805	20.0	22.6	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	93	11744	20.0	17.5	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	98	127987	20.0	14.7	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	70296	20.0	20.4	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	94	58232	20.0	19.7	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	89	17143	20.0	18.6	
135 Naphthalene	128	11.617	11.623	-0.006	99	149093	20.0	20.2	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	57314	20.0	20.6	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.2	
S 138 Xylenes, Total	100				0		40.0	36.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	96.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Nov-2023 14:33:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73717.D

Injection Date: 22-Nov-2023 08:04:30 Instrument ID: CVOAMS11 Operator ID:

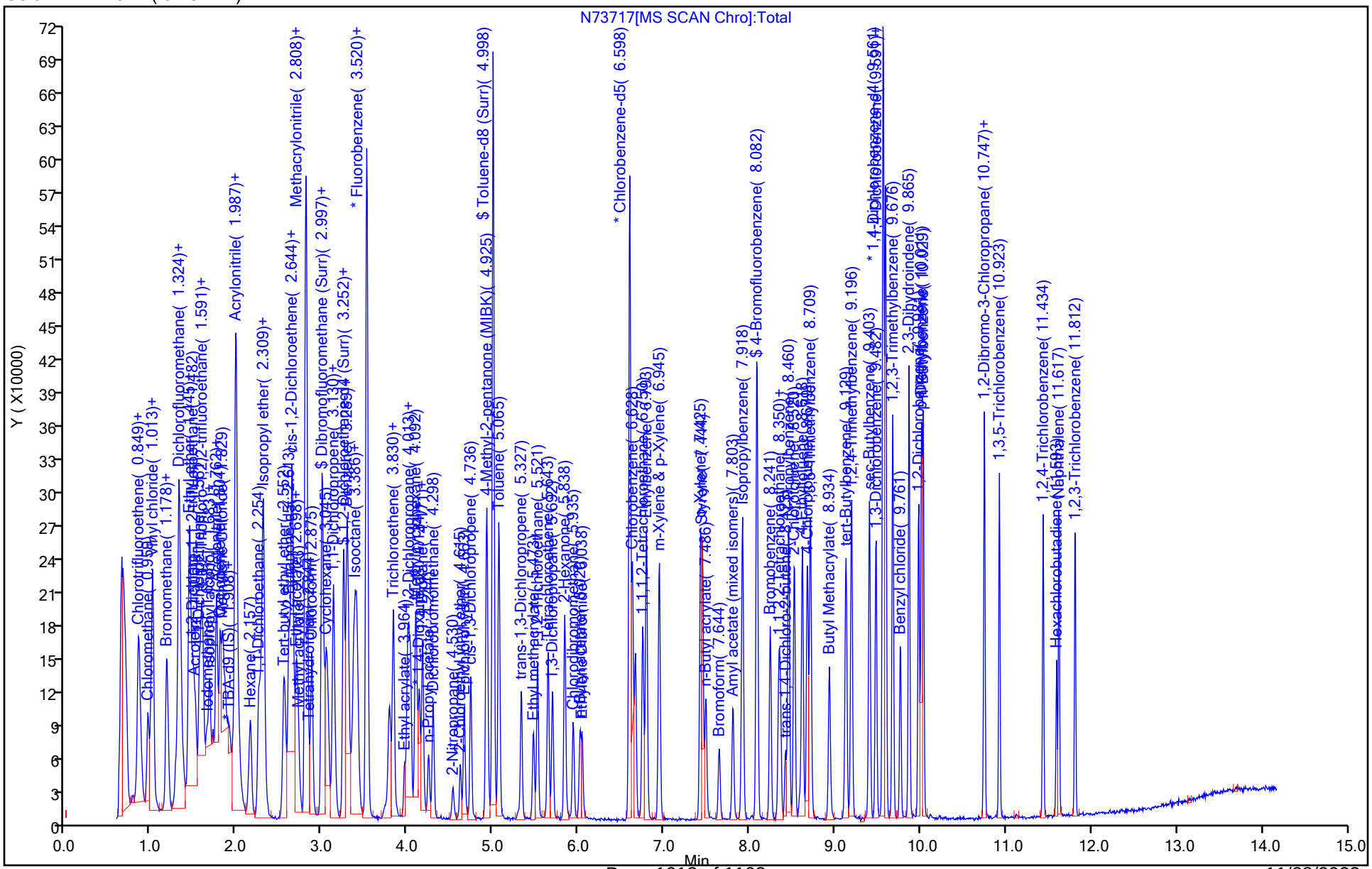
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73717.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-Nov-2023 08:04:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169233-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:55:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.2	94.42
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.57
$ 84 Toluene-d8 (Surr)	50.0	53.3	106.62
$ 106 4-Bromofluorobenzene	50.0	50.4	100.77

Manual Integration/User Assign Peak Report

Eurofins Edison

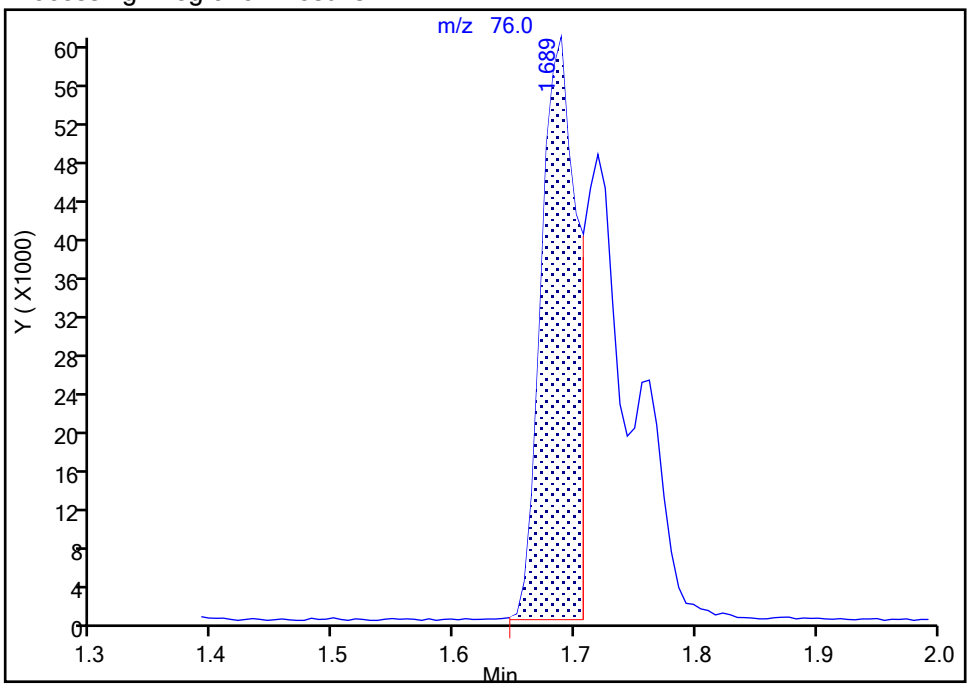
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73717.D
Injection Date: 22-Nov-2023 08:04:30 Instrument ID: CVOAMS11
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

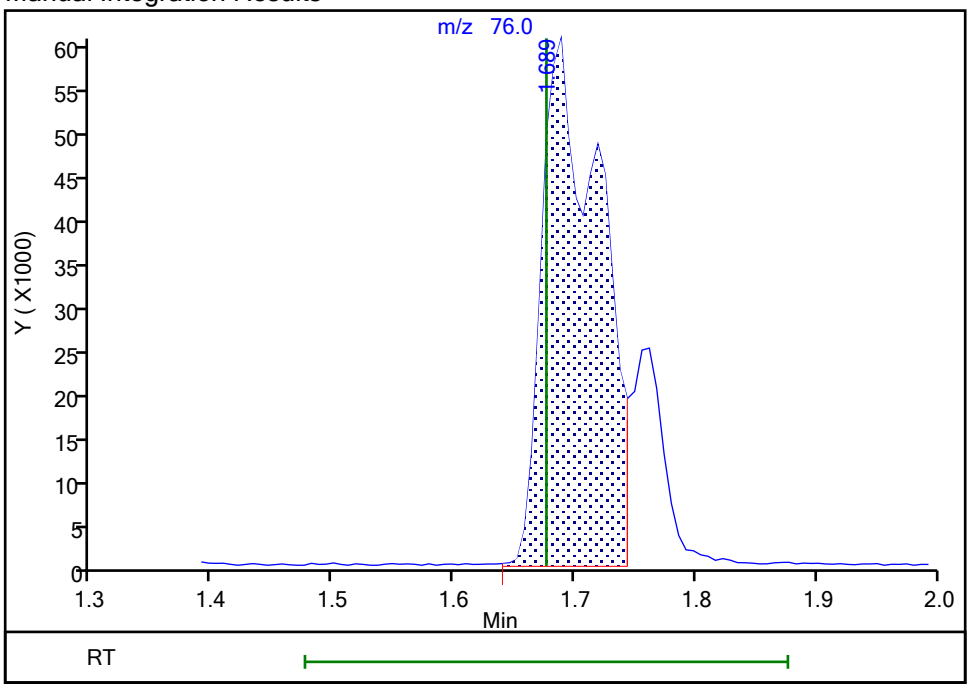
Processing Integration Results

RT: 1.69
Area: 126362
Amount: 9.746003
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 203993
Amount: 15.733499
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 14:20:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

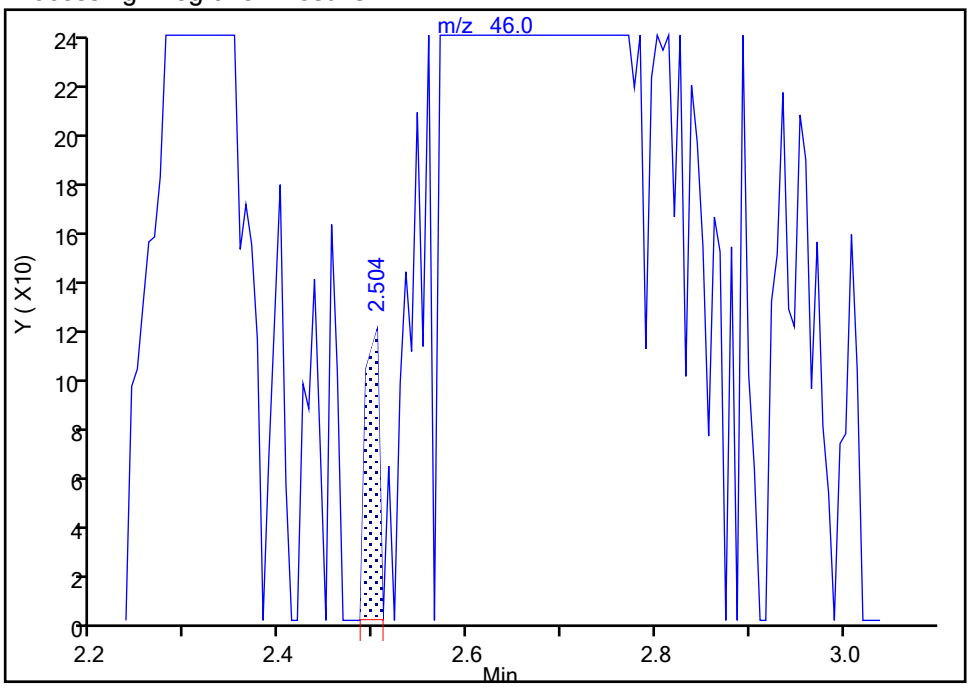
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73717.D
Injection Date: 22-Nov-2023 08:04:30 Instrument ID: CVOAMS11
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

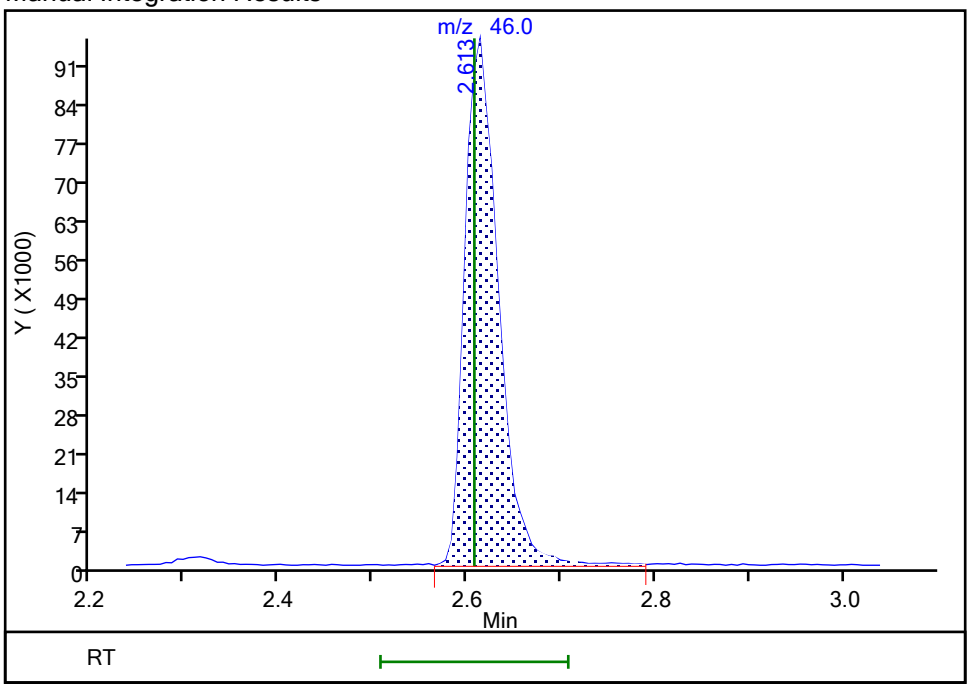
Processing Integration Results

RT: 2.50
Area: 119
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 236242
Amount: 250.0000
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 08:23:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-945808/5

Matrix: Water | Lab File ID: N73641.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/20/2023 20:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	16.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.4		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.20
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	16.4		1.0	0.26
107-06-2	1,2-Dichloroethane	17.3		1.0	0.43
78-87-5	1,2-Dichloropropane	18.0		1.0	0.35
591-78-6	2-Hexanone	89.5		5.0	1.1
67-64-1	Acetone	89.1		5.0	4.4
71-43-2	Benzene	19.6		1.0	0.20
75-27-4	Bromodichloromethane	17.9		1.0	0.34
75-25-2	Bromoform	18.6		1.0	0.54
74-83-9	Bromomethane	19.0		1.0	0.55
75-15-0	Carbon disulfide	13.8		1.0	0.82
56-23-5	Carbon tetrachloride	16.2		1.0	0.21
108-90-7	Chlorobenzene	18.5		1.0	0.38
75-00-3	Chloroethane	19.5		1.0	0.32
67-66-3	Chloroform	19.0		1.0	0.33
74-87-3	Chloromethane	21.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.22
124-48-1	Dibromochloromethane	19.5		1.0	0.28
100-41-4	Ethylbenzene	19.0		1.0	0.30
78-93-3	Methyl Ethyl Ketone	89.2		5.0	1.9
108-10-1	methyl isobutyl ketone	90.7		5.0	1.3
75-09-2	Methylene Chloride	18.3		1.0	0.32
100-42-5	Styrene	18.6		1.0	0.42
127-18-4	Tetrachloroethene	17.0		1.0	0.25
108-88-3	Toluene	18.5		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	17.1		1.0	0.31
75-01-4	Vinyl chloride	22.5		1.0	0.17
1330-20-7	Xylenes, Total	34.1		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-945808/5

Matrix: Water Lab File ID: N73641.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/20/2023 20:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945808 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73641.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Nov-2023 20:42:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0169153-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:46:31 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: C1JX Date: 20-Nov-2023 21:08:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.825	0.843	-0.018	50	20531	20.0	26.4	
5 Dichlorodifluoromethane	85	0.849	0.855	-0.006	52	81341	20.0	20.2	
6 Chlorodifluoromethane	51	0.843	0.855	-0.012	95	130434	20.0	22.7	
7 Chloromethane	52	0.946	0.959	-0.013	98	28167	20.0	21.7	
8 Vinyl chloride	62	0.995	1.007	-0.012	98	81958	20.0	22.5	
9 Butadiene	54	1.013	1.013	0.000	91	71325	20.0	22.3	
10 Bromomethane	94	1.165	1.178	-0.013	99	61905	20.0	19.0	
11 Chloroethane	64	1.183	1.190	-0.007	99	43320	20.0	19.5	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	99	131323	20.0	20.3	
14 Pentane	72	1.323	1.330	-0.007	96	12958	40.0	28.7	
13 Trichlorofluoromethane	101	1.329	1.348	-0.019	98	88999	20.0	18.8	
15 Ethanol	46	1.415	1.433	-0.018	86	7743	800.0	792.6	
16 Ethyl ether	74	1.433	1.439	-0.006	95	29222	20.0	19.5	
17 2-Methyl-1,3-butadiene	53	1.445	1.451	-0.006	91	35152	20.0	17.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.482	-0.019	97	51305	20.0	18.6	
20 Acrolein	56	1.506	1.512	-0.006	49	14160	40.0	32.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.518	-0.012	93	87210	20.0	20.2	a
22 1,1-Dichloroethene	96	1.555	1.567	-0.012	97	45657	20.0	16.4	
23 Acetone	58	1.591	1.597	-0.006	87	27545	100.0	89.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	88	54901	20.0	18.0	
24 Iodomethane	142	1.652	1.658	-0.006	97	89632	20.0	16.1	
26 Carbon disulfide	76	1.676	1.689	-0.013	100	145433	20.0	13.8	M
25 Isopropyl alcohol	45	1.670	1.689	-0.019	31	32075	200.0	238.1	a
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	94	39867	20.0	18.0	
30 Acetonitrile	39	1.755	1.762	-0.007	78	45178	200.0	158.6	a
28 Methyl acetate	74	1.774	1.780	-0.006	98	18878	40.0	34.7	
29 Cyclopentene	67	1.804	1.810	-0.006	96	80644	20.0	15.4	
32 Methylene Chloride	84	1.828	1.841	-0.013	90	58581	20.0	18.3	
* 31 TBA-d9 (IS)	46	1.871	1.883	-0.012	100	81667	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.920	1.950	-0.030	91	64864	200.0	199.0	a
36 Acrylonitrile	53	1.980	1.987	-0.007	96	210400	200.0	217.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.986	1.999	-0.013	92	46948	20.0	17.1	
34 Methyl tert-butyl ether	73	1.999	2.005	-0.006	95	151684	20.0	19.6	
37 Hexane	56	2.151	2.163	-0.012	93	19853	20.0	15.3	
39 1,1-Dichloroethane	63	2.248	2.260	-0.012	100	87455	20.0	18.8	
40 Vinyl acetate	86	2.285	2.291	-0.006	99	13039	40.0	26.1	
38 Isopropyl ether	45	2.309	2.309	0.000	94	140980	20.0	20.0	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	81	39449	20.0	17.1	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	92	150626	20.0	21.5	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	98	249268	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	99	56450	20.0	18.6	
44 2,2-Dichloropropane	79	2.656	2.650	0.006	46	22781	20.0	16.4	a
46 2-Butanone (MEK)	72	2.644	2.662	-0.018	90	29469	100.0	89.2	
47 Ethyl acetate	70	2.692	2.692	0.000	100	9247	40.0	36.4	
49 Propionitrile	54	2.710	2.717	-0.007	92	80369	200.0	205.8	
48 Methyl acrylate	55	2.710	2.717	-0.007	97	49872	20.0	19.6	
52 Methacrylonitrile	67	2.796	2.814	-0.018	88	205622	200.0	212.6	
51 Chlorobromomethane	128	2.814	2.820	-0.006	84	28158	20.0	17.9	
50 Tetrahydrofuran	72	2.850	2.851	-0.001	88	14059	40.0	39.5	
53 Chloroform	83	2.875	2.881	-0.006	99	84612	20.0	19.0	
$ 56 Dibromofluoromethane (Surr)	113	2.996	3.003	-0.007	97	120286	50.0	47.3	
55 1,1,1-Trichloroethane	97	3.009	3.021	-0.012	56	71047	20.0	16.9	
54 Cyclohexane	84	3.051	3.057	-0.006	89	58780	20.0	15.7	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	97	50446	20.0	16.1	
57 Carbon tetrachloride	117	3.136	3.143	-0.007	98	57650	20.0	16.2	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	110492	50.0	44.5	
59 Isobutyl alcohol	43	3.264	3.264	0.000	94	45218	500.0	532.7	a
61 Benzene	78	3.288	3.295	-0.007	95	165479	20.0	19.6	
65 1,2-Dichloroethane	62	3.307	3.313	-0.006	97	52383	20.0	17.3	
60 Isooctane	57	3.361	3.374	-0.013	94	80723	20.0	16.6	
64 Isopropyl acetate	61	3.367	3.386	-0.019	97	17861	20.0	21.4	a
63 Tert-amyl methyl ether	73	3.404	3.410	-0.006	93	141112	20.0	18.8	
* 67 Fluorobenzene	96	3.513	3.520	-0.007	99	404512	50.0	50.0	
66 n-Heptane	43	3.520	3.526	-0.006	53	23093	20.0	13.7	
68 n-Butanol	56	3.824	3.830	-0.006	52	26258	500.0	470.5	
69 Trichloroethene	95	3.830	3.836	-0.006	99	40021	20.0	17.1	
70 Ethyl acrylate	99	3.958	3.964	-0.006	99	3436	20.0	20.6	
71 Methylcyclohexane	83	4.000	4.006	-0.006	90	57056	20.0	15.5	a
72 1,2-Dichloropropane	63	4.024	4.031	-0.007	95	41795	20.0	18.0	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	71	26127	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	97	27817	20.0	17.6	
75 1,4-Dioxane	88	4.164	4.171	-0.007	31	10577	400.0	355.0	
74 Methyl methacrylate	100	4.170	4.177	-0.007	85	20280	40.0	35.5	
77 n-Propyl acetate	43	4.237	4.244	-0.007	96	47508	20.0	19.9	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	99	52328	20.0	17.9	
79 2-Nitropropane	41	4.523	4.530	-0.007	96	15527	40.0	31.3	
80 2-Chloroethyl vinyl ether	63	4.609	4.615	-0.007	95	19730	20.0	18.7	
81 Epichlorohydrin	57	4.657	4.663	-0.006	99	79322	400.0	370.5	
82 cis-1,3-Dichloropropene	75	4.730	4.736	-0.006	90	55864	20.0	18.9	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	95	186462	100.0	90.7	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	373291	50.0	52.5	
85 Toluene	91	5.065	5.065	0.000	92	151794	20.0	18.5	
86 trans-1,3-Dichloropropene	75	5.326	5.327	-0.001	95	48275	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.466	5.473	-0.007	87	39456	20.0	16.7	
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	97	32759	20.0	21.3	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	33226	20.0	17.0	
90 1,3-Dichloropropane	76	5.691	5.698	-0.007	91	59540	20.0	20.6	
91 2-Hexanone	58	5.837	5.838	-0.001	96	67220	100.0	89.5	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	37686	20.0	19.5	
92 n-Butyl acetate	43	6.014	6.014	0.000	99	49174	20.0	23.1	
94 Ethylene Dibromide	107	6.038	6.038	0.000	98	39331	20.0	21.0	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	277878	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	95	96976	20.0	18.5	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	97	43079	20.0	18.7	
97 Ethylbenzene	106	6.793	6.793	0.000	97	50213	20.0	19.0	
99 m-Xylene & p-Xylene	106	6.939	6.945	-0.006	0	52698	20.0	16.6	
100 o-Xylene	106	7.425	7.425	0.000	94	57859	20.0	17.4	
102 Styrene	104	7.450	7.450	0.000	96	92313	20.0	18.6	
101 n-Butyl acrylate	73	7.486	7.492	-0.006	97	26552	20.0	22.2	
104 Bromoform	173	7.644	7.644	0.000	93	24164	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	7.802	7.803	-0.001	91	48426	20.0	20.0	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	157223	20.0	18.7	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	113617	50.0	57.0	
107 Bromobenzene	156	8.240	8.241	-0.001	98	40682	20.0	18.4	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.344	0.000	99	55895	20.0	21.4	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	14412	20.0	20.1	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.417	0.006	92	10244	20.0	17.3	
109 N-Propylbenzene	91	8.453	8.454	-0.001	99	177972	20.0	18.5	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	115796	20.0	19.8	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	139690	20.0	18.7	
115 4-Chlorotoluene	91	8.672	8.679	-0.007	95	120090	20.0	19.5	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	92	131222	20.0	18.9	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	38986	20.0	17.8	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	99452	20.0	18.0	
118 1,2,4-Trimethylbenzene	105	9.189	9.196	-0.007	97	130913	20.0	18.8	
119 sec-Butylbenzene	105	9.402	9.403	-0.001	99	154593	20.0	18.7	
120 1,3-Dichlorobenzene	146	9.481	9.482	-0.001	96	78147	20.0	19.1	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	151822	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.585	0.006	96	82547	20.0	19.3	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	130677	20.0	18.1	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	148969	20.0	19.0	
125 Benzyl chloride	126	9.761	9.761	0.000	99	16053	20.0	18.0	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	92	139464	20.0	19.3	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	80656	20.0	19.0	
127 p-Diethylbenzene	119	10.011	10.011	0.000	93	76155	20.0	18.9	
128 n-Butylbenzene	92	10.029	10.035	-0.006	97	70901	20.0	20.3	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	93	11047	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	98	102448	20.0	13.5	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	55205	20.0	18.5	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	94	45355	20.0	17.6	
134 Hexachlorobutadiene	225	11.592	11.593	-0.001	89	12768	20.0	16.0	
135 Naphthalene	128	11.617	11.617	0.000	100	133705	20.0	20.8	
136 1,2,3-Trichlorobenzene	180	11.811	11.812	-0.001	96	49663	20.0	20.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.7	
S 138 Xylenes, Total	100				0		40.0	34.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	91.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

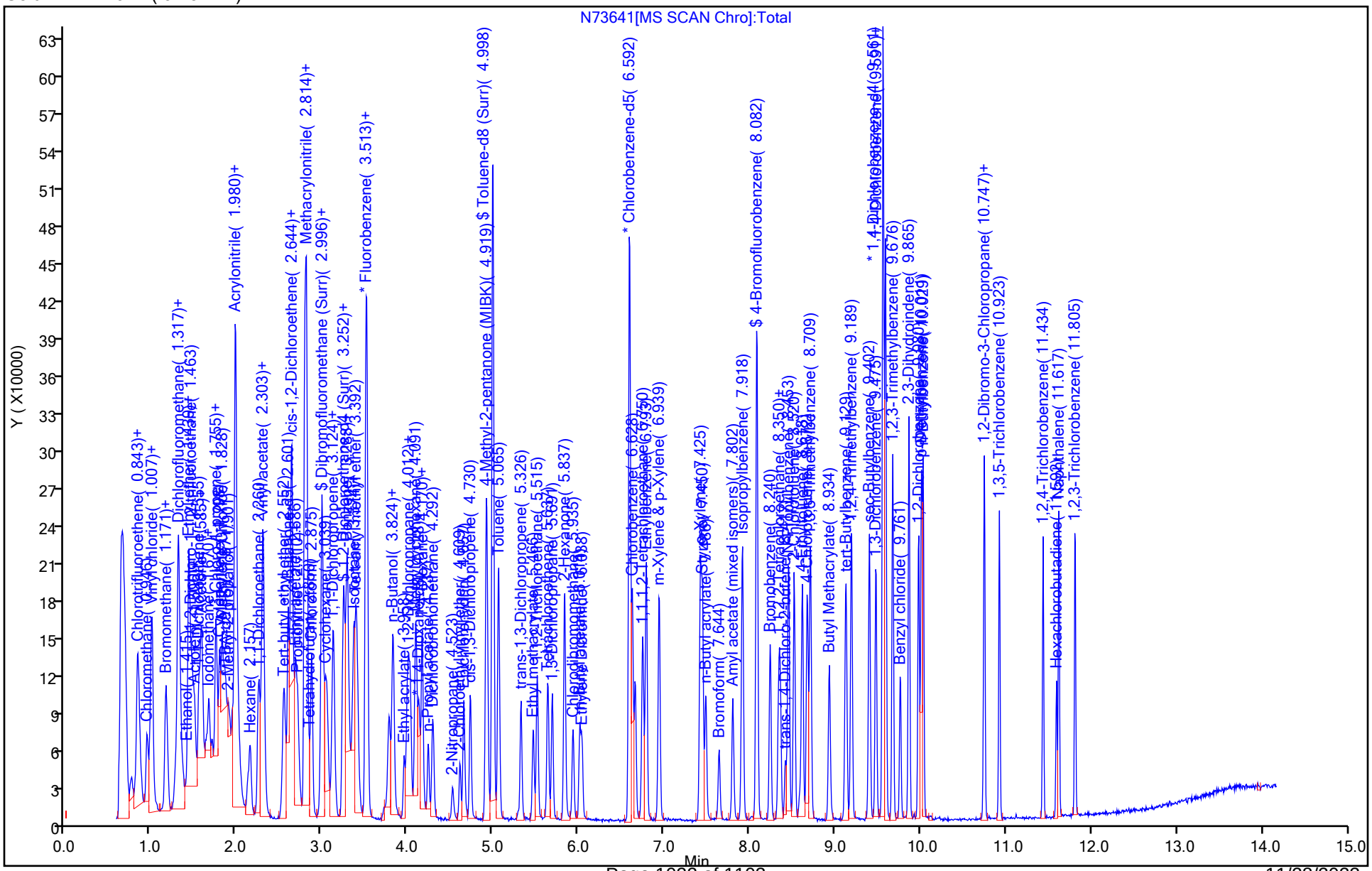
Report Date: 21-Nov-2023 13:46:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73641.D

Injection Date:	20-Nov-2023 20:42:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73641.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Nov-2023 20:42:30 ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0169153-005
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:46:31 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: C1JX Date: 20-Nov-2023 21:08:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.3	94.65
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	44.5	88.94
$ 84 Toluene-d8 (Surr)	50.0	52.5	105.06
$ 106 4-Bromofluorobenzene	50.0	57.0	113.92

Manual Integration/User Assign Peak Report

Eurofins Edison

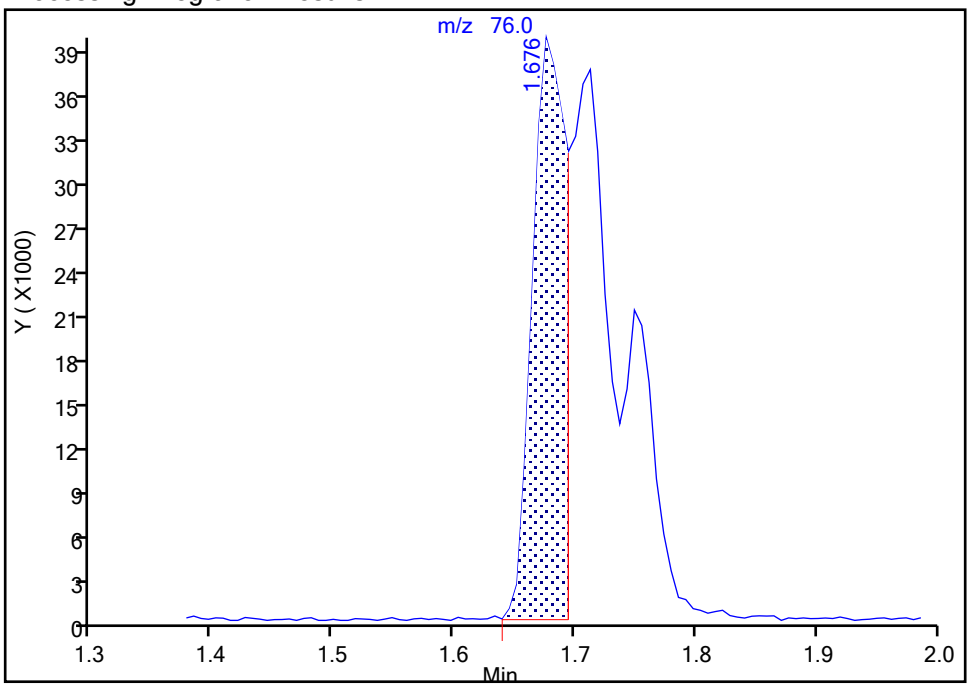
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73641.D
Injection Date: 20-Nov-2023 20:42:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

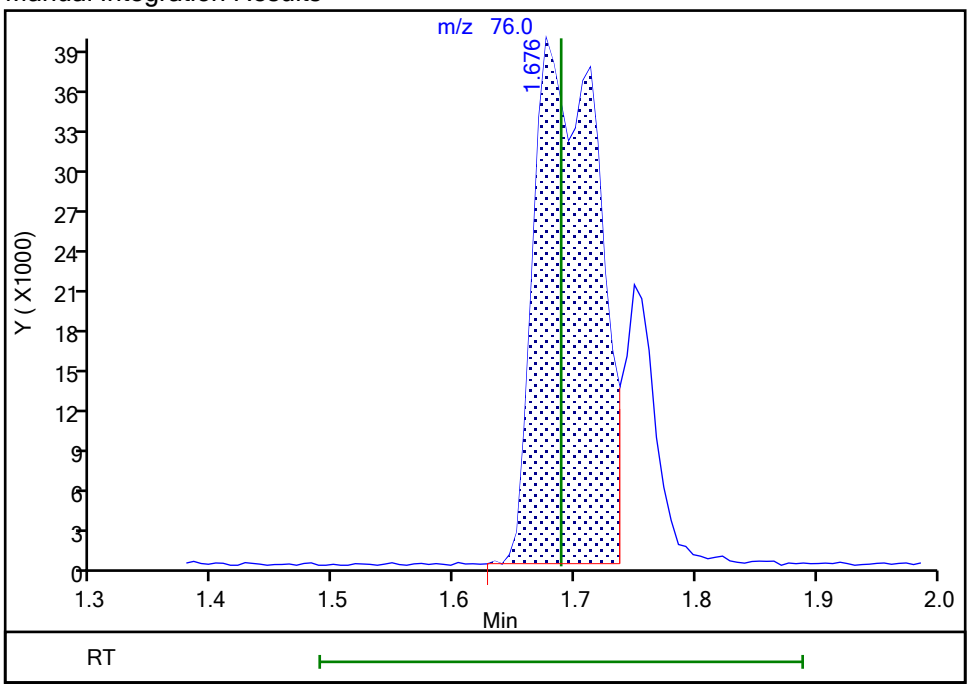
Processing Integration Results

RT: 1.68
Area: 76984
Amount: 7.284031
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 145433
Amount: 13.760501
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:45:45 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

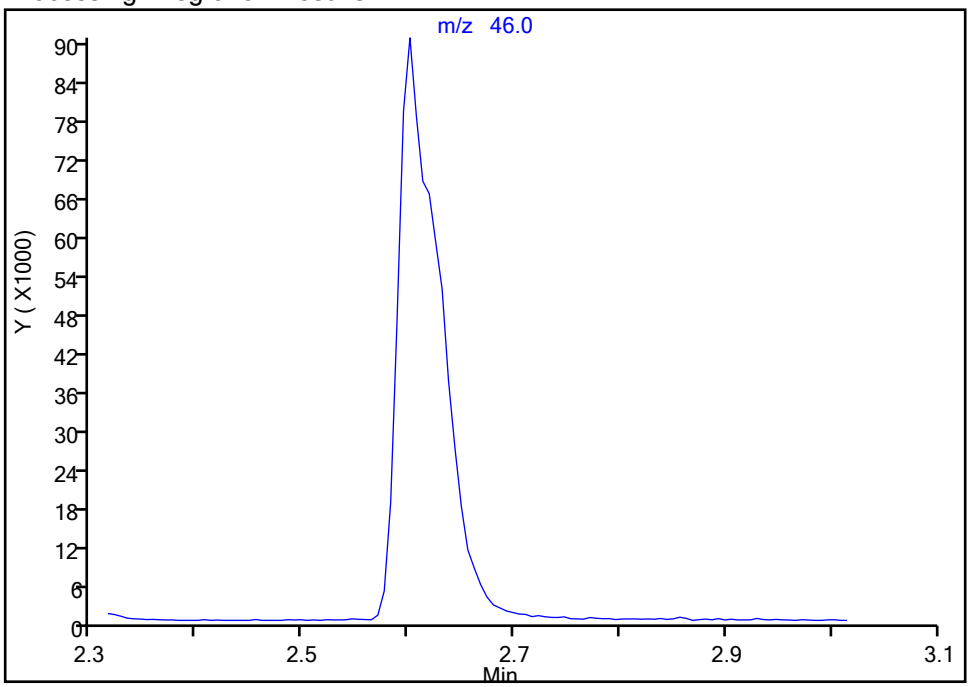
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73641.D
Injection Date: 20-Nov-2023 20:42:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

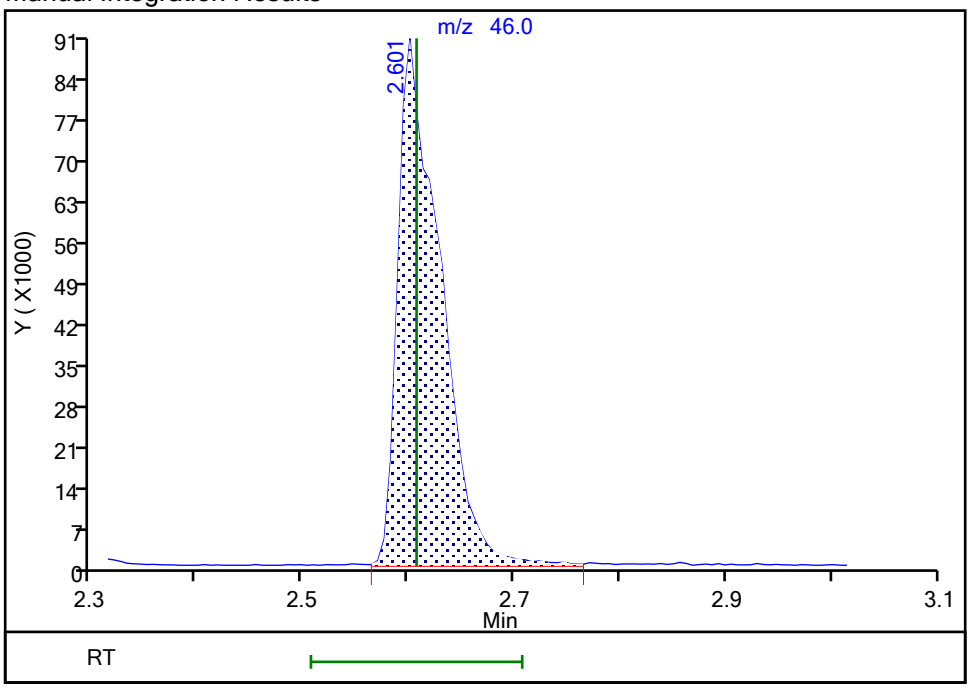
Not Detected
Expected RT: 2.61

Processing Integration Results



Manual Integration Results

RT: 2.60
Area: 249268
Amount: 250.0000
Amount Units: ug/l



Reviewer: C1JX, 20-Nov-2023 21:05:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-946046/4

Matrix: Water | Lab File ID: P22079.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 19:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946046 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.20
75-34-3	1,1-Dichloroethane	21.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
107-06-2	1,2-Dichloroethane	24.7		1.0	0.43
78-87-5	1,2-Dichloropropane	21.6		1.0	0.35
591-78-6	2-Hexanone	89.2		5.0	1.1
67-64-1	Acetone	89.1		5.0	4.4
71-43-2	Benzene	19.0		1.0	0.20
75-27-4	Bromodichloromethane	22.5		1.0	0.34
75-25-2	Bromoform	23.0		1.0	0.54
74-83-9	Bromomethane	11.3		1.0	0.55
75-15-0	Carbon disulfide	20.3		1.0	0.82
56-23-5	Carbon tetrachloride	21.1		1.0	0.21
108-90-7	Chlorobenzene	19.7		1.0	0.38
75-00-3	Chloroethane	18.1		1.0	0.32
67-66-3	Chloroform	21.5		1.0	0.33
74-87-3	Chloromethane	16.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.22
124-48-1	Dibromochloromethane	21.6		1.0	0.28
100-41-4	Ethylbenzene	18.8		1.0	0.30
78-93-3	Methyl Ethyl Ketone	84.4		5.0	1.9
108-10-1	methyl isobutyl ketone	90.4		5.0	1.3
75-09-2	Methylene Chloride	20.9		1.0	0.32
100-42-5	Styrene	18.7		1.0	0.42
127-18-4	Tetrachloroethene	19.7		1.0	0.25
108-88-3	Toluene	18.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.8		1.0	0.22
79-01-6	Trichloroethene	20.1		1.0	0.31
75-01-4	Vinyl chloride	16.9		1.0	0.17
1330-20-7	Xylenes, Total	37.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-946046/4

Matrix: Water Lab File ID: P22079.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 19:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946046 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	108		77-132
2037-26-5	Toluene-d8 (Surr)	91		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22079.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 21-Nov-2023 19:56:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169207-004
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:41:13 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 22:07:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	0.988	0.988	0.000	89	13898	20.0	17.4	
3 Dichlorodifluoromethane	85	1.002	1.002	0.000	98	96620	20.0	18.4	
168 Chlorodifluoromethane	51	1.060	1.060	0.000	95	176477	20.0	19.9	
6 Chloromethane	50	1.160	1.153	0.007	60	141446	20.0	16.9	
175 Butadiene	54	1.160	1.153	0.007	91	91497	20.0	16.5	
7 Vinyl chloride	62	1.160	1.160	0.000	96	97039	20.0	16.9	
9 Bromomethane	94	1.346	1.339	0.007	98	25713	20.0	11.3	
10 Chloroethane	64	1.418	1.411	0.008	97	63997	20.0	18.1	
11 Pentane	72	1.490	1.482	0.008	96	26933	40.0	30.9	
12 Trichlorofluoromethane	101	1.490	1.482	0.008	97	110233	20.0	17.8	
177 Dichlorofluoromethane	67	1.525	1.525	0.000	98	155311	20.0	20.3	
14 2-Methyl-1,3-butadiene	67	1.654	1.654	0.000	93	113829	20.0	19.1	
15 Ethyl ether	59	1.661	1.654	0.007	93	68712	20.0	24.8	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.776	1.769	0.007	96	32339	20.0	20.3	
17 1,1-Dichloroethene	96	1.783	1.776	0.007	93	61567	20.0	18.8	
16 Ethanol	46	1.798	1.797	0.001	24	14634	800.0	829.8	a
19 Carbon disulfide	76	1.805	1.797	0.008	99	245712	20.0	20.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.805	1.797	0.008	50	67420	20.0	20.5	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.812	1.804	0.008	95	102471	20.0	18.8	
22 Iodomethane	142	1.876	1.869	0.007	99	55204	20.0	16.6	
169 Cyclopentene	67	1.962	1.955	0.007	96	165859	20.0	19.9	
24 Acrolein	56	1.977	1.969	0.008	94	16599	40.0	38.2	
164 3-Chloro-1-propene	76	2.063	2.062	0.001	28	44149	20.0	19.4	
26 Isopropyl alcohol	45	2.084	2.077	0.007	96	32206	200.0	196.6	
27 Methylene Chloride	84	2.141	2.141	0.000	95	82397	20.0	20.9	
28 Acetone	43	2.156	2.148	0.008	84	91061	100.0	89.1	
29 trans-1,2-Dichloroethene	96	2.234	2.227	0.007	99	75801	20.0	20.5	
30 Methyl acetate	74	2.234	2.234	0.000	98	18217	40.0	41.2	
31 Hexane	86	2.292	2.284	0.008	94	16665	20.0	20.6	
32 Methyl tert-butyl ether	73	2.299	2.299	0.000	86	211187	20.0	24.2	
* 33 TBA-d9 (IS)	65	2.306	2.306	0.000	97	191908	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 2-Methyl-2-propanol	59	2.356	2.356	0.000	97	36741	200.0	185.7	
35 Acetonitrile	41	2.457	2.456	0.000	98	85953	200.0	237.2	
36 Isopropyl ether	45	2.557	2.549	0.008	95	332412	20.0	23.8	
37 2-Chloro-1,3-butadiene	88	2.621	2.621	0.000	95	65783	20.0	18.7	
38 1,1-Dichloroethane	63	2.636	2.628	0.008	100	165245	20.0	21.1	
39 Acrylonitrile	53	2.664	2.657	0.007	92	237833	200.0	246.0	
41 Vinyl acetate	43	2.808	2.807	0.001	99	290240	40.0	67.4	
40 Tert-butyl ethyl ether	59	2.808	2.807	0.001	69	262420	20.0	22.9	
42 cis-1,2-Dichloroethene	96	3.022	3.015	0.007	91	84581	20.0	21.0	
43 2,2-Dichloropropane	97	3.101	3.094	0.007	92	22208	20.0	20.0	
45 Chlorobromomethane	128	3.173	3.165	0.008	98	39203	20.0	24.5	
44 Cyclohexane	56	3.180	3.173	0.007	96	145198	20.0	21.6	
46 Chloroform	83	3.230	3.230	0.000	96	144991	20.0	21.5	
48 Ethyl acetate	70	3.330	3.323	0.007	99	12848	40.0	36.1	
49 Methyl acrylate	55	3.330	3.323	0.007	95	55946	20.0	25.4	
47 Carbon tetrachloride	117	3.338	3.337	0.001	96	103345	20.0	21.1	
50 Tetrahydrofuran	42	3.352	3.352	0.000	90	52605	40.0	35.9	
$ 51 Dibromofluoromethane (Surr)	113	3.373	3.366	0.007	95	156933	50.0	54.0	
52 1,1,1-Trichloroethane	97	3.388	3.388	0.000	96	122480	20.0	20.5	
* 53 2-Butanone-d5	46	3.424	3.416	0.008	99	368086	250.0	250.0	
54 2-Butanone (MEK)	72	3.459	3.459	0.000	99	35205	100.0	84.4	
55 1,1-Dichloropropene	110	3.488	3.488	0.000	90	36700	20.0	20.3	
56 Isooctane	57	3.588	3.588	0.000	96	185326	20.0	21.9	
57 n-Heptane	57	3.681	3.681	0.000	92	41850	20.0	21.2	
58 Benzene	78	3.689	3.688	0.001	98	335085	20.0	19.0	
59 Propionitrile	54	3.696	3.688	0.008	96	83947	200.0	224.6	
60 Methacrylonitrile	67	3.717	3.710	0.007	97	254483	200.0	262.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.796	3.796	0.000	0	205887	50.0	58.5	
62 Tert-amyl methyl ether	73	3.803	3.803	0.000	96	214131	20.0	23.4	
63 1,2-Dichloroethane	62	3.853	3.853	0.000	97	121027	20.0	24.7	
64 Isobutyl alcohol	43	3.911	3.910	0.001	98	53466	500.0	503.7	
* 66 Fluorobenzene	96	4.054	4.047	0.008	98	809520	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.104	0.007	97	129755	20.0	26.0	
68 Methylcyclohexane	83	4.204	4.197	0.007	92	114403	20.0	20.9	
69 Trichloroethene	130	4.211	4.211	0.000	96	81123	20.0	20.1	
72 n-Butanol	56	4.577	4.584	-0.007	96	27700	500.0	492.2	
71 Dibromomethane	93	4.598	4.598	0.000	96	44647	20.0	24.3	
73 1,2-Dichloropropane	63	4.699	4.691	0.008	83	92810	20.0	21.6	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	72805	20.0	22.7	
75 Dichlorobromomethane	83	4.777	4.777	0.000	97	112767	20.0	22.5	
* 76 1,4-Dioxane-d8	96	4.949	4.949	0.000	79	30163	1000.0	1000.0	
77 Methyl methacrylate	100	4.964	4.963	0.001	94	29317	40.0	48.6	
78 1,4-Dioxane	88	4.985	4.978	0.007	97	11500	400.0	387.9	
79 n-Propyl acetate	43	5.128	5.128	0.000	98	89355	20.0	26.6	
80 2-Chloroethyl vinyl ether	63	5.408	5.400	0.008	94	21878	20.0	19.0	
81 cis-1,3-Dichloropropene	75	5.451	5.443	0.008	97	138535	20.0	19.6	
$ 82 Toluene-d8 (Surr)	98	5.651	5.651	0.000	98	649715	50.0	45.6	
83 Toluene	91	5.709	5.708	0.001	93	348101	20.0	18.7	
84 Epichlorohydrin	57	5.730	5.723	0.007	99	68752	400.0	377.3	
85 2-Nitropropane	41	5.959	5.959	0.000	98	32456	40.0	47.9	
86 Tetrachloroethene	166	6.160	6.160	0.000	95	78097	20.0	19.7	
87 4-Methyl-2-pentanone (MIBK)	43	6.181	6.181	0.000	99	303767	100.0	90.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 trans-1,3-Dichloropropene	75	6.217	6.217	0.000	97	122398	20.0	20.8	
89 1,1,2-Trichloroethane	83	6.403	6.403	0.000	92	52527	20.0	21.5	
90 Ethyl methacrylate	69	6.468	6.475	-0.007	94	68554	20.0	20.6	
91 Chlorodibromomethane	129	6.618	6.611	0.007	97	70361	20.0	21.6	
92 1,3-Dichloropropane	76	6.726	6.733	-0.007	96	114690	20.0	21.5	
93 Ethylene Dibromide	107	6.869	6.876	-0.007	96	61223	20.0	23.1	
94 n-Butyl acetate	43	7.191	7.191	0.000	97	89019	20.0	20.2	
95 2-Hexanone	43	7.263	7.263	0.000	98	206162	100.0	89.2	
* 96 Chlorobenzene-d5	117	7.578	7.578	0.000	90	657385	50.0	50.0	
97 Chlorobenzene	112	7.600	7.599	0.001	95	219894	20.0	19.7	
98 Ethylbenzene	106	7.686	7.685	0.001	99	116261	20.0	18.8	
99 1,1,1,2-Tetrachloroethane	131	7.707	7.714	-0.007	92	74180	20.0	20.1	
100 m-Xylene & p-Xylene	106	7.900	7.900	0.000	0	143853	20.0	19.0	
101 o-Xylene	106	8.502	8.502	0.000	93	138085	20.0	18.6	
102 Bromoform	173	8.574	8.574	0.000	93	41737	20.0	23.0	
103 Styrene	104	8.588	8.581	0.007	92	228130	20.0	18.7	
104 n-Butyl acrylate	73	8.889	8.889	0.000	95	38979	20.0	17.3	
105 Isopropylbenzene	105	8.996	8.996	0.000	97	354094	20.0	18.7	
106 Amyl acetate (mixed isomers)	43	9.312	9.311	0.001	88	117518	20.0	18.1	
$ 107 4-Bromofluorobenzene	174	9.376	9.376	0.000	87	210410	50.0	48.5	
108 Bromobenzene	156	9.491	9.490	0.001	95	92436	20.0	18.9	
109 N-Propylbenzene	91	9.641	9.641	0.000	98	424367	20.0	16.1	
110 1,1,2,2-Tetrachloroethane	83	9.770	9.770	0.000	97	64743	20.0	21.1	
111 2-Chlorotoluene	91	9.820	9.820	0.000	97	304200	20.0	16.7	
172 4-Ethyltoluene	105	9.827	9.827	0.000	98	354136	20.0	16.4	
113 1,2,3-Trichloropropane	110	9.920	9.913	0.007	95	21036	20.0	22.4	
114 1,3,5-Trimethylbenzene	105	9.985	9.985	0.000	92	300954	20.0	16.7	
115 trans-1,4-Dichloro-2-butene	53	10.035	10.035	0.000	85	22359	20.0	17.6	
116 4-Chlorotoluene	91	10.085	10.085	0.000	99	276923	20.0	16.9	
117 tert-Butylbenzene	119	10.465	10.465	0.000	93	241639	20.0	16.4	
119 Butyl Methacrylate	87	10.572	10.565	0.007	96	79623	20.0	14.4	
118 1,2,4-Trimethylbenzene	105	10.594	10.586	0.008	98	322301	20.0	17.4	
120 sec-Butylbenzene	105	10.758	10.758	0.000	98	348560	20.0	16.7	
121 1,3-Dichlorobenzene	146	11.031	11.023	0.008	94	174305	20.0	19.0	
122 4-Isopropyltoluene	119	11.038	11.038	0.000	98	303030	20.0	16.9	
* 123 1,4-Dichlorobenzene-d4	152	11.160	11.159	0.001	97	373586	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.181	11.181	0.000	95	175929	20.0	19.0	
125 1,2,3-Trimethylbenzene	105	11.274	11.274	0.000	99	329831	20.0	17.7	
165 2,3-Dihydroindene	117	11.439	11.432	0.007	0	297989	20.0	18.0	
127 Benzyl chloride	126	11.575	11.575	0.000	97	23582	20.0	18.2	
167 p-Diethylbenzene	119	11.589	11.589	0.000	94	176457	20.0	16.9	
129 n-Butylbenzene	91	11.654	11.654	0.000	98	270280	20.0	16.9	
130 1,2-Dichlorobenzene	146	11.754	11.761	-0.007	94	161389	20.0	20.3	
166 1,2,4,5-Tetramethylbenzene	119	12.564	12.563	0.001	97	264743	20.0	17.3	
132 1,2-Dibromo-3-Chloropropane	157	12.700	12.707	-0.007	88	11320	20.0	24.2	
133 1,3,5-Trichlorobenzene	180	12.750	12.750	0.000	96	111818	20.0	20.2	
134 1,2,4-Trichlorobenzene	180	13.380	13.380	0.000	93	90578	20.0	24.1	
135 Hexachlorobutadiene	225	13.394	13.394	0.000	90	32833	20.0	19.8	
136 Naphthalene	128	13.667	13.666	0.001	99	170081	20.0	28.5	
137 1,2,3-Trichlorobenzene	180	13.817	13.817	0.000	94	65149	20.0	30.7	
S 138 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 140 Xylenes, Total	100				0		40.0	37.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Nov-2023 10:41:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22079.D

Injection Date: 21-Nov-2023 19:56:30 Instrument ID: CVOAMS13 Operator ID:

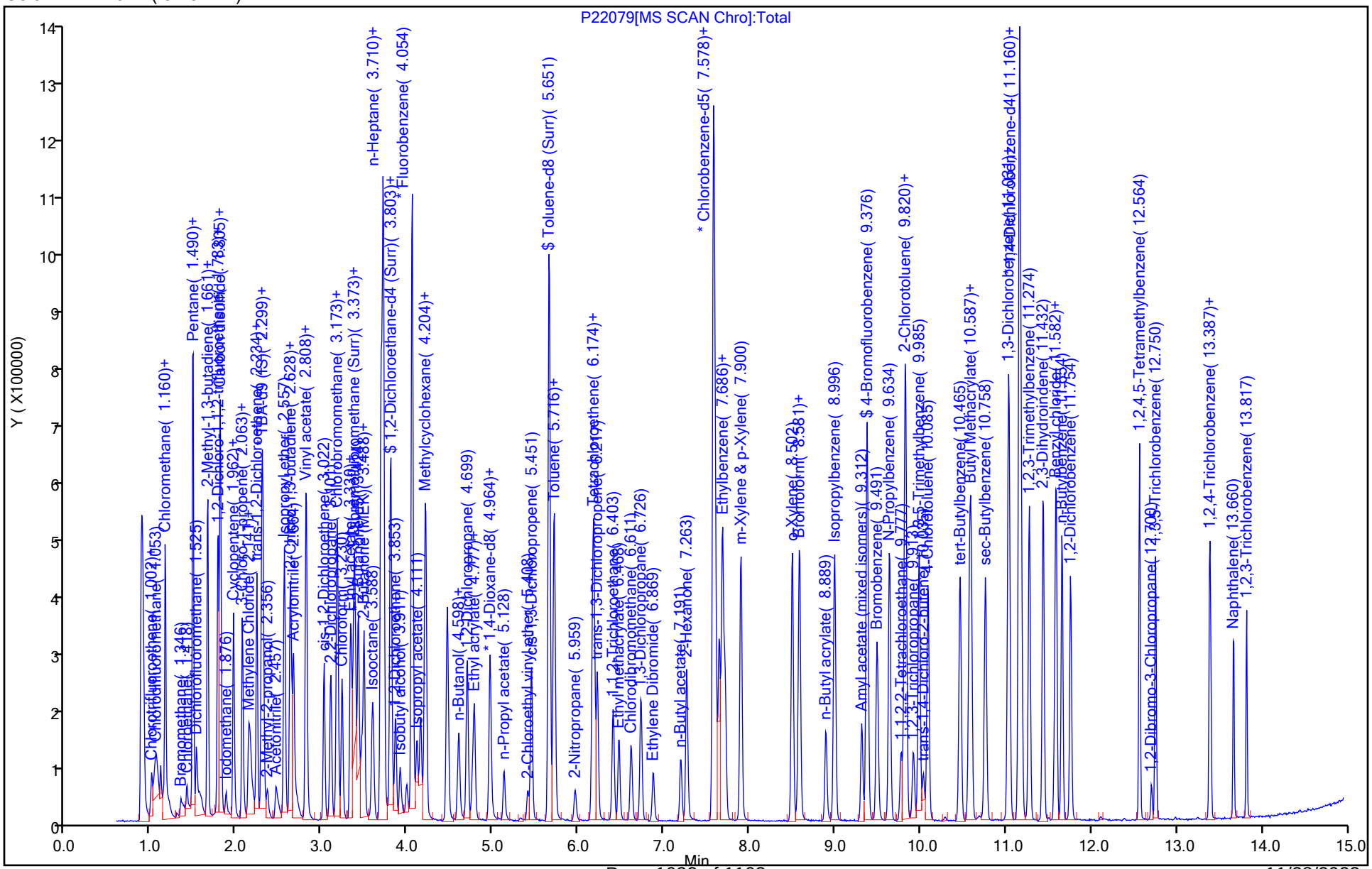
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\P22079.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 21-Nov-2023 19:56:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0169207-004
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20231121-169207.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 10:41:13 Calib Date: 23-Sep-2023 13:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20230922-166364.b\P198051.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 22:07:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 51 Dibromofluoromethane (Surr)	50.0	54.0	107.91
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	58.5	116.99
$ 82 Toluene-d8 (Surr)	50.0	45.6	91.11
$ 107 4-Bromofluorobenzene	50.0	48.5	96.93

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-946160/6

Matrix: Water | Lab File ID: N73718.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/22/2023 08:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 946160 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.5		1.0	0.20
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.5		1.0	0.26
107-06-2	1,2-Dichloroethane	17.9		1.0	0.43
78-87-5	1,2-Dichloropropane	18.7		1.0	0.35
591-78-6	2-Hexanone	101		5.0	1.1
67-64-1	Acetone	116		5.0	4.4
71-43-2	Benzene	22.0		1.0	0.20
75-27-4	Bromodichloromethane	18.5		1.0	0.34
75-25-2	Bromoform	20.9		1.0	0.54
74-83-9	Bromomethane	22.1		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.1		1.0	0.21
108-90-7	Chlorobenzene	20.9		1.0	0.38
75-00-3	Chloroethane	22.1		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	28.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.1		1.0	0.22
124-48-1	Dibromochloromethane	20.9		1.0	0.28
100-41-4	Ethylbenzene	20.8		1.0	0.30
78-93-3	Methyl Ethyl Ketone	97.2		5.0	1.9
108-10-1	methyl isobutyl ketone	102		5.0	1.3
75-09-2	Methylene Chloride	19.7		1.0	0.32
100-42-5	Styrene	20.7		1.0	0.42
127-18-4	Tetrachloroethene	19.9		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.22
79-01-6	Trichloroethene	17.8		1.0	0.31
75-01-4	Vinyl chloride	25.3		1.0	0.17
1330-20-7	Xylenes, Total	40.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-946160/6

Matrix: Water Lab File ID: N73718.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/22/2023 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 946160 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	111		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73718.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-Nov-2023 08:28:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0169233-006
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:58:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.837	0.831	0.006	90	27532	20.0	29.8	
6 Chlorodifluoromethane	51	0.849	0.849	0.000	95	153591	20.0	22.5	
5 Dichlorodifluoromethane	85	0.849	0.849	0.000	96	108043	20.0	22.6	
7 Chloromethane	52	0.958	0.952	0.006	99	35325	20.0	28.5	
8 Vinyl chloride	62	1.007	1.001	0.006	98	109758	20.0	25.3	
9 Butadiene	54	1.019	1.007	0.012	92	96167	20.0	25.3	
10 Bromomethane	94	1.177	1.171	0.006	98	85760	20.0	22.1	
11 Chloroethane	64	1.190	1.184	0.006	99	58167	20.0	22.1	
12 Dichlorofluoromethane	67	1.317	1.311	0.006	99	171671	20.0	22.3	
14 Pentane	72	1.323	1.317	0.006	96	19537	40.0	46.5	
13 Trichlorofluoromethane	101	1.342	1.336	0.006	98	119765	20.0	21.3	
15 Ethanol	46	1.433	1.397	0.037	62	9355	800.0	1028.9	
16 Ethyl ether	74	1.433	1.433	0.000	96	35665	20.0	20.1	
17 2-Methyl-1,3-butadiene	53	1.451	1.445	0.006	93	49757	20.0	20.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.470	-0.007	88	67283	20.0	20.5	a
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.512	1.500	0.012	85	106985	20.0	20.9	a
20 Acrolein	56	1.512	1.506	0.006	68	21218	40.0	52.8	
22 1,1-Dichloroethene	96	1.561	1.555	0.006	97	61124	20.0	18.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.597	1.585	0.012	93	76223	20.0	21.1	
23 Acetone	58	1.591	1.585	0.006	88	34340	100.0	116.0	
24 Iodomethane	142	1.652	1.646	0.006	96	117596	20.0	17.8	
25 Isopropyl alcohol	45	1.682	1.670	0.012	33	31984	200.0	255.1	a
26 Carbon disulfide	76	1.682	1.676	0.006	100	205840	20.0	16.4	M
27 3-Chloro-1-propene	76	1.761	1.755	0.006	93	50293	20.0	19.2	
30 Acetonitrile	39	1.761	1.755	0.006	77	59857	200.0	225.7	
28 Methyl acetate	74	1.774	1.768	0.006	99	24661	40.0	48.7	
29 Cyclopentene	67	1.804	1.798	0.006	97	119968	20.0	19.3	
32 Methylene Chloride	84	1.834	1.828	0.006	89	74740	20.0	19.7	
* 31 TBA-d9 (IS)	46	1.865	1.859	0.006	99	76008	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.932	1.914	0.018	95	67696	200.0	223.2	a
36 Acrylonitrile	53	1.980	1.974	0.006	95	235483	200.0	205.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.993	1.987	0.006	92	62508	20.0	19.1	
34 Methyl tert-butyl ether	73	2.005	1.999	0.006	85	179172	20.0	19.5	a
37 Hexane	56	2.157	2.151	0.006	91	27618	20.0	17.9	
39 1,1-Dichloroethane	63	2.254	2.248	0.006	100	106347	20.0	19.3	
40 Vinyl acetate	86	2.285	2.279	0.006	100	14035	40.0	29.4	a
38 Isopropyl ether	45	2.309	2.303	0.006	95	170050	20.0	20.3	
41 2-Chloro-1,3-butadiene	88	2.315	2.309	0.006	82	50609	20.0	18.5	
42 Tert-butyl ethyl ether	59	2.558	2.546	0.012	91	182596	20.0	21.9	
* 43 2-Butanone-d5	46	2.607	2.607	0.000	99	238622	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	99	71988	20.0	20.0	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	90	30739	100.0	97.2	
44 2,2-Dichloropropane	79	2.662	2.656	0.006	47	32111	20.0	19.6	a
47 Ethyl acetate	70	2.692	2.698	-0.006	99	9822	40.0	40.4	
49 Propionitrile	54	2.710	2.698	0.012	84	84508	200.0	232.5	
48 Methyl acrylate	55	2.717	2.723	-0.006	97	58395	20.0	19.3	
52 Methacrylonitrile	67	2.802	2.802	0.000	87	227712	200.0	198.1	
51 Chlorobromomethane	128	2.814	2.808	0.006	90	35276	20.0	18.9	
50 Tetrahydrofuran	72	2.856	2.844	0.012	75	15097	40.0	44.3	
53 Chloroform	83	2.881	2.875	0.006	100	104997	20.0	19.9	
$ 56 Dibromofluoromethane (Surr)	113	2.996	2.990	0.006	96	144762	50.0	47.9	
55 1,1,1-Trichloroethane	97	3.015	3.009	0.006	98	93836	20.0	18.8	
54 Cyclohexane	84	3.057	3.051	0.006	89	83406	20.0	18.8	
58 1,1-Dichloropropene	75	3.130	3.124	0.006	98	67009	20.0	17.9	
57 Carbon tetrachloride	117	3.136	3.130	0.006	98	76828	20.0	18.1	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	135234	50.0	45.8	
59 Isobutyl alcohol	43	3.264	3.258	0.006	97	50118	500.0	634.4	
61 Benzene	78	3.288	3.288	0.000	93	213700	20.0	22.0	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	97	64395	20.0	17.9	
60 Isooctane	57	3.367	3.368	-0.001	95	118925	20.0	20.5	
64 Isopropyl acetate	61	3.374	3.380	-0.006	84	18234	20.0	18.4	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	96	170166	20.0	19.1	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	480790	50.0	50.0	
66 n-Heptane	43	3.520	3.520	0.000	40	35523	20.0	17.7	
69 Trichloroethene	95	3.830	3.830	0.000	98	49476	20.0	17.8	
68 n-Butanol	56	3.824	3.830	-0.006	44	27882	500.0	536.8	
70 Ethyl acrylate	99	3.958	3.964	-0.006	96	3856	20.0	19.4	
71 Methylcyclohexane	83	4.006	4.000	0.006	88	81911	20.0	18.8	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	91	51766	20.0	18.7	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	72	26321	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.134	0.000	96	34478	20.0	18.4	
75 1,4-Dioxane	88	4.171	4.165	0.005	31	12739	400.0	424.5	
74 Methyl methacrylate	100	4.171	4.177	-0.007	85	23275	40.0	34.2	
77 n-Propyl acetate	43	4.244	4.244	0.000	96	51380	20.0	18.1	
78 Dichlorobromomethane	83	4.298	4.292	0.006	98	64249	20.0	18.5	
79 2-Nitropropane	41	4.529	4.530	-0.001	96	16389	40.0	35.5	
80 2-Chloroethyl vinyl ether	63	4.615	4.615	0.000	93	21199	20.0	16.9	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	88285	400.0	430.7	
82 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	89	71499	20.0	21.1	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.919	0.006	95	200317	100.0	101.8	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	451291	50.0	55.3	
85 Toluene	91	5.065	5.065	0.000	92	197534	20.0	21.0	
86 trans-1,3-Dichloropropene	75	5.326	5.326	0.000	94	62329	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.472	5.473	0.000	86	47089	20.0	16.8	
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	98	39758	20.0	22.5	
89 Tetrachloroethene	166	5.643	5.643	0.000	97	44577	20.0	19.9	
90 1,3-Dichloropropane	76	5.691	5.692	-0.001	90	72244	20.0	21.7	
91 2-Hexanone	58	5.837	5.838	-0.001	94	72530	100.0	100.9	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	46461	20.0	20.9	
92 n-Butyl acetate	43	6.014	6.014	0.000	97	49532	20.0	20.3	
94 Ethylene Dibromide	107	6.038	6.038	0.000	98	47096	20.0	21.8	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	83	319266	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	97	126010	20.0	20.9	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	98	50896	20.0	19.3	
97 Ethylbenzene	106	6.793	6.793	0.000	98	63133	20.0	20.8	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	73992	20.0	20.3	
100 o-Xylene	106	7.425	7.425	0.000	94	76396	20.0	20.0	
102 Styrene	104	7.450	7.450	0.000	97	118169	20.0	20.7	
101 n-Butyl acrylate	73	7.492	7.486	0.006	97	28302	20.0	20.6	
104 Bromoform	173	7.644	7.644	0.000	94	30062	20.0	20.9	
103 Amyl acetate (mixed isomers)	43	7.802	7.803	0.000	93	50961	20.0	19.1	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	199039	20.0	20.6	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	90	118434	50.0	51.7	
107 Bromobenzene	156	8.247	8.247	-0.001	96	54809	20.0	22.4	
108 1,1,2,2-Tetrachloroethane	83	8.344	8.338	0.006	99	66959	20.0	23.1	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	16027	20.0	20.2	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	93	14401	20.0	22.0	
109 N-Propylbenzene	91	8.453	8.460	-0.007	99	234716	20.0	22.0	
112 2-Chlorotoluene	91	8.526	8.520	0.006	97	145995	20.0	22.5	
113 4-Ethyltoluene	105	8.618	8.618	0.000	100	181180	20.0	22.0	
115 4-Chlorotoluene	91	8.672	8.672	0.000	96	152272	20.0	22.4	
114 1,3,5-Trimethylbenzene	105	8.715	8.715	0.000	92	168167	20.0	21.9	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	44431	20.0	18.3	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	123366	20.0	20.1	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	167660	20.0	21.7	
119 sec-Butylbenzene	105	9.402	9.402	0.000	99	195749	20.0	21.4	
120 1,3-Dichlorobenzene	146	9.481	9.482	-0.001	96	101613	20.0	22.5	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	95	168100	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.585	0.006	95	103622	20.0	21.9	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	97	167418	20.0	20.9	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	188701	20.0	21.8	
125 Benzyl chloride	126	9.767	9.768	-0.001	99	20667	20.0	20.9	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	180412	20.0	22.6	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	97	103363	20.0	22.0	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	97676	20.0	21.9	
128 n-Butylbenzene	92	10.029	10.029	0.000	97	92342	20.0	23.9	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	95	12745	20.0	19.7	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	133339	20.0	15.9	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	71557	20.0	21.6	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	93	60070	20.0	21.1	
134 Hexachlorobutadiene	225	11.592	11.593	-0.001	89	16401	20.0	18.5	
135 Naphthalene	128	11.623	11.623	0.000	99	162128	20.0	22.8	
136 1,2,3-Trichlorobenzene	180	11.811	11.812	-0.001	96	61844	20.0	23.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 138 Xylenes, Total	100				0		40.0	40.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 139 Total BTEX	1				0		100.0	104.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00558	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

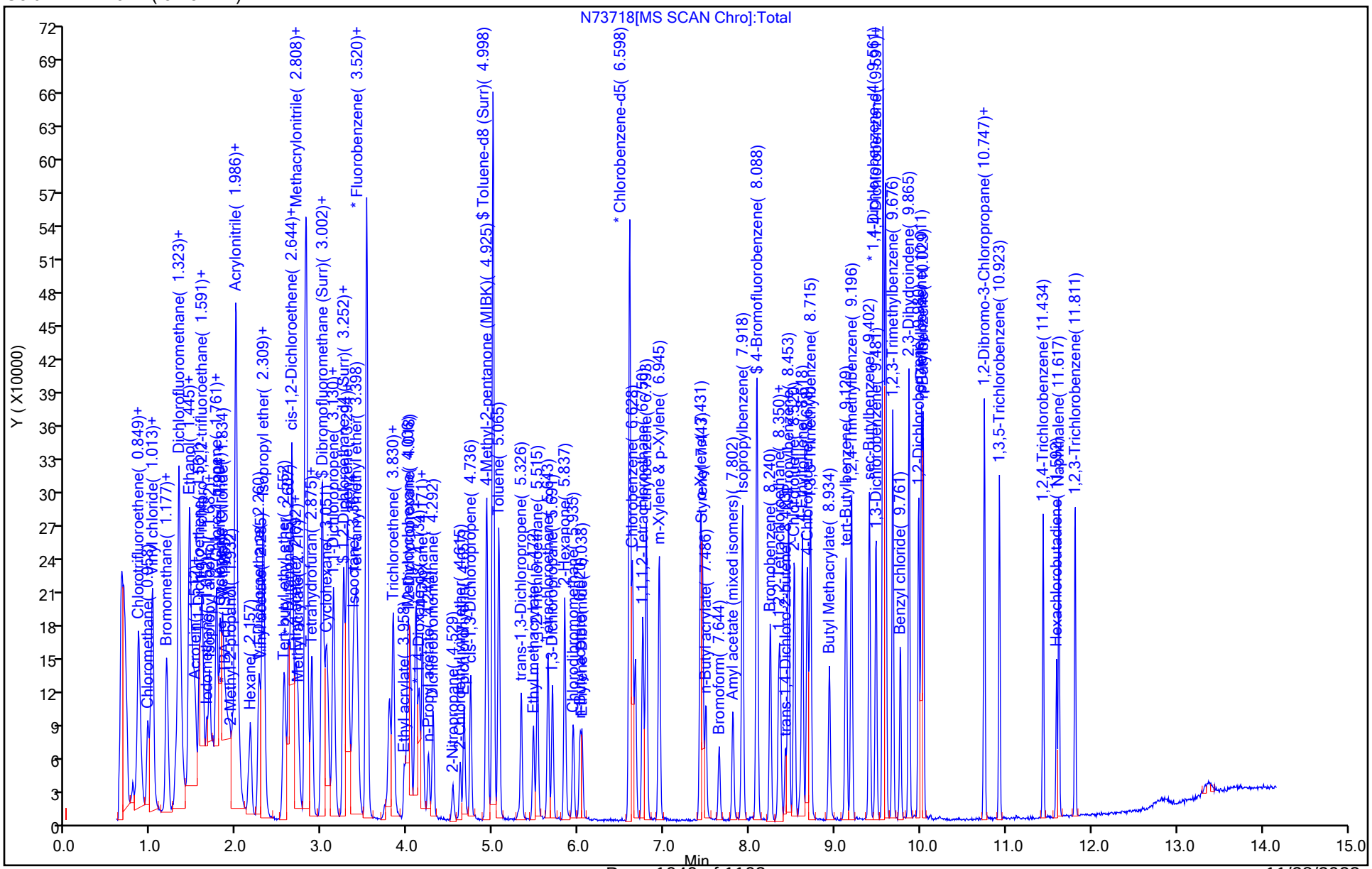
Report Date: 22-Nov-2023 14:33:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73718.D

Injection Date:	22-Nov-2023 08:28:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73718.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-Nov-2023 08:28:30 ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0169233-006
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 14:21:58 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: KG2Q Date: 22-Nov-2023 08:58:11

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.9	95.84
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.8	91.59
$ 84 Toluene-d8 (Surr)	50.0	55.3	110.55
$ 106 4-Bromofluorobenzene	50.0	51.7	103.35

Manual Integration/User Assign Peak Report

Eurofins Edison

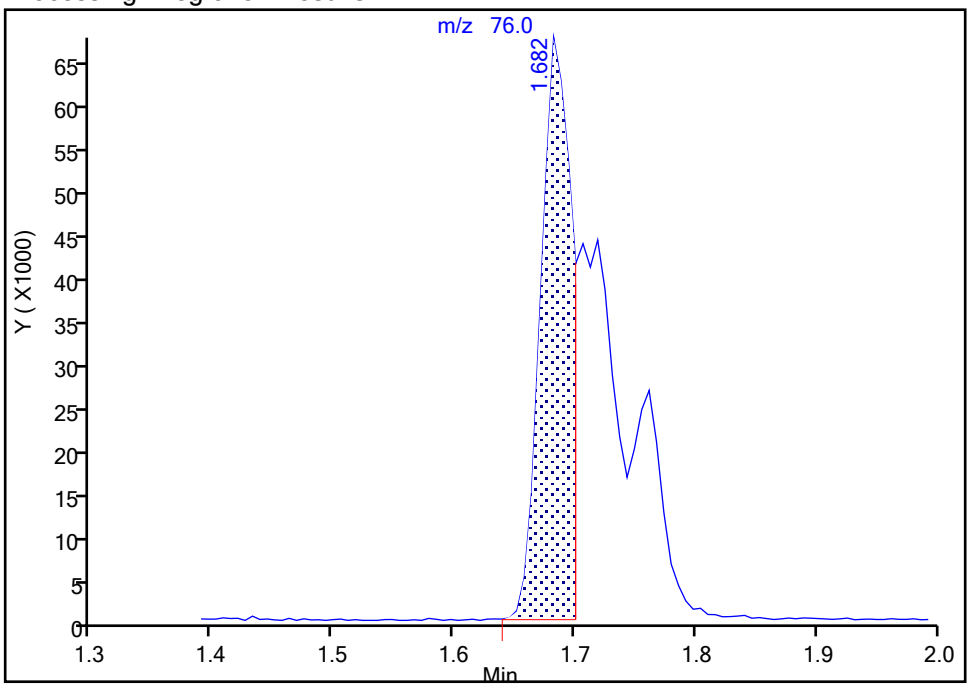
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73718.D
Injection Date: 22-Nov-2023 08:28:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

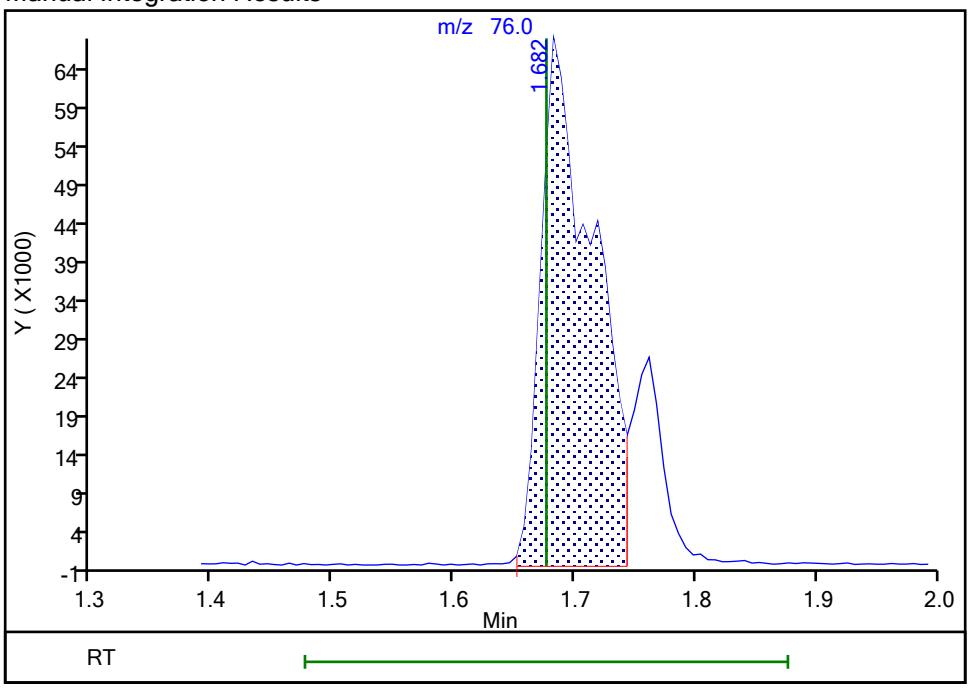
Processing Integration Results

RT: 1.68
Area: 120922
Amount: 9.626149
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 205840
Amount: 16.386154
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 14:21:30 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Edison

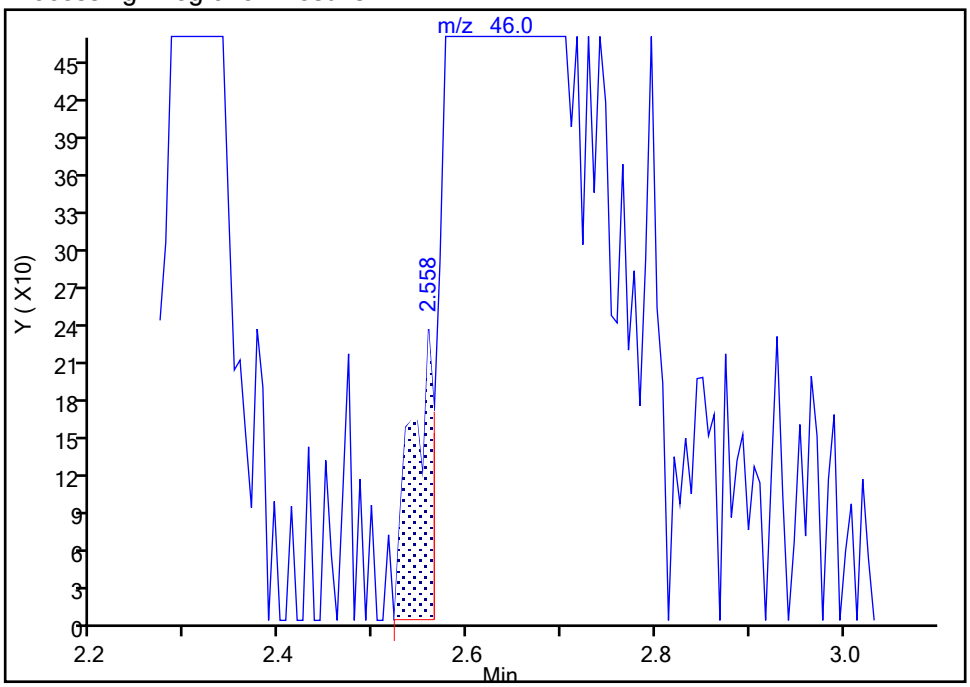
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231122-169233.b\N73718.D
Injection Date: 22-Nov-2023 08:28:30 Instrument ID: CVOAMS11
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

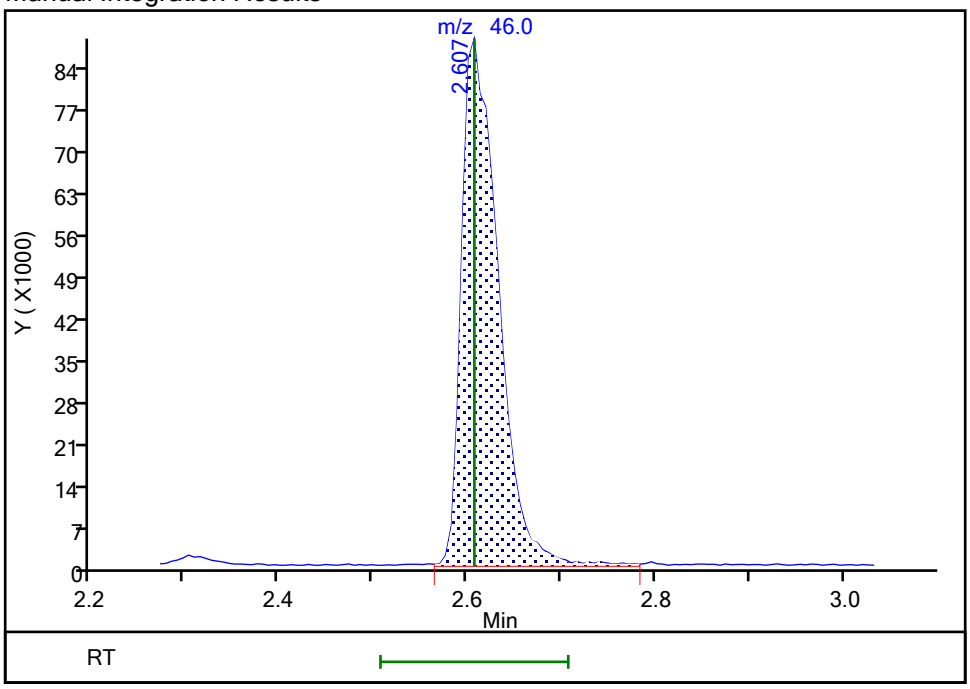
Processing Integration Results

RT: 2.56
Area: 395
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 238622
Amount: 250.0000
Amount Units: ug/l



Reviewer: KG2Q, 22-Nov-2023 08:54:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-292871-5 MS

Matrix: Water | Lab File ID: N73652.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.4		1.0	0.20
75-34-3	1,1-Dichloroethane	18.7		1.0	0.26
75-35-4	1,1-Dichloroethene	16.8		1.0	0.26
107-06-2	1,2-Dichloroethane	18.0		1.0	0.43
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
591-78-6	2-Hexanone	87.0		5.0	1.1
67-64-1	Acetone	83.3		5.0	4.4
71-43-2	Benzene	20.6		1.0	0.20
75-27-4	Bromodichloromethane	18.9		1.0	0.34
75-25-2	Bromoform	20.5		1.0	0.54
74-83-9	Bromomethane	19.9		1.0	0.55
75-15-0	Carbon disulfide	14.6		1.0	0.82
56-23-5	Carbon tetrachloride	16.4		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	20.7		1.0	0.32
67-66-3	Chloroform	20.0		1.0	0.33
74-87-3	Chloromethane	22.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
124-48-1	Dibromochloromethane	21.1		1.0	0.28
100-41-4	Ethylbenzene	18.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	81.6		5.0	1.9
108-10-1	methyl isobutyl ketone	89.3		5.0	1.3
75-09-2	Methylene Chloride	18.6		1.0	0.32
100-42-5	Styrene	18.3		1.0	0.42
127-18-4	Tetrachloroethene	30.9		1.0	0.25
108-88-3	Toluene	19.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	16.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.22
79-01-6	Trichloroethene	17.1		1.0	0.31
75-01-4	Vinyl chloride	22.5		1.0	0.17
1330-20-7	Xylenes, Total	34.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-292871-5 MS

Matrix: Water | Lab File ID: N73652.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 01:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73652.D
Lims ID: 460-292871-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 21-Nov-2023 01:14:30 ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5 MS
Misc. Info.: 460-0169153-016
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:55:00 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:34:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.818	0.843	-0.025	49	21517	20.0	27.5	
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	51	75638	20.0	18.7	
6 Chlorodifluoromethane	51	0.837	0.855	-0.018	95	138949	20.0	24.0	
7 Chloromethane	52	0.946	0.959	-0.013	99	29319	20.0	22.5	
8 Vinyl chloride	62	0.989	1.007	-0.018	98	82385	20.0	22.5	
9 Butadiene	54	1.001	1.013	-0.012	93	66695	20.0	20.8	
10 Bromomethane	94	1.165	1.178	-0.013	99	65394	20.0	19.9	
11 Chloroethane	64	1.177	1.190	-0.013	98	46131	20.0	20.7	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	99	139219	20.0	21.4	
14 Pentane	72	1.311	1.330	-0.019	96	13349	40.0	26.7	
13 Trichlorofluoromethane	101	1.329	1.348	-0.019	98	88678	20.0	18.7	
15 Ethanol	46	1.439	1.433	0.006	68	6992	800.0	647.3	M
16 Ethyl ether	74	1.427	1.439	-0.012	94	28358	20.0	18.8	
17 2-Methyl-1,3-butadiene	53	1.439	1.451	-0.012	94	35297	20.0	16.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.482	-0.019	93	53144	20.0	19.2	
20 Acrolein	56	1.500	1.512	-0.012	41	10174	40.0	21.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.518	-0.018	94	92601	20.0	21.4	a
22 1,1-Dichloroethene	96	1.548	1.567	-0.019	98	46751	20.0	16.8	
23 Acetone	58	1.579	1.597	-0.018	88	25897	100.0	83.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.591	1.597	-0.006	94	54023	20.0	17.7	
24 Iodomethane	142	1.652	1.658	-0.006	96	93680	20.0	16.8	
26 Carbon disulfide	76	1.707	1.689	0.018	99	155633	20.0	14.6	M
25 Isopropyl alcohol	45	1.664	1.689	-0.025	37	26335	200.0	176.8	M
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	93	36784	20.0	16.6	
30 Acetonitrile	39	1.749	1.762	-0.013	75	42565	200.0	135.1	a
28 Methyl acetate	74	1.768	1.780	-0.012	97	17600	40.0	29.2	
29 Cyclopentene	67	1.798	1.810	-0.012	95	82220	20.0	15.6	
32 Methylene Chloride	84	1.828	1.841	-0.013	95	59855	20.0	18.6	
* 31 TBA-d9 (IS)	46	1.871	1.883	-0.012	99	90294	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.926	1.950	-0.024	95	59286	200.0	164.5	a
36 Acrylonitrile	53	1.974	1.987	-0.013	95	199159	200.0	205.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.999	-0.013	94	45370	20.0	16.4	
34 Methyl tert-butyl ether	73	1.993	2.005	-0.012	97	140885	20.0	18.1	
37 Hexane	56	2.151	2.163	-0.012	92	19301	20.0	14.8	
39 1,1-Dichloroethane	63	2.248	2.260	-0.012	100	87416	20.0	18.7	
40 Vinyl acetate	86	2.291	2.291	0.000	99	17146	40.0	34.2	
38 Isopropyl ether	45	2.303	2.309	-0.006	95	143285	20.0	20.2	
41 2-Chloro-1,3-butadiene	88	2.303	2.315	-0.012	82	38394	20.0	16.6	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	91	141687	20.0	20.1	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	98	250530	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.644	2.650	-0.006	98	56801	20.0	18.6	
44 2,2-Dichloropropane	79	2.650	2.650	0.000	47	25138	20.0	18.1	a
46 2-Butanone (MEK)	72	2.644	2.662	-0.018	90	27078	100.0	81.6	
47 Ethyl acetate	70	2.692	2.692	0.000	99	9713	40.0	38.0	
49 Propionitrile	54	2.704	2.717	-0.013	76	77885	200.0	180.4	
48 Methyl acrylate	55	2.710	2.717	-0.007	97	48929	20.0	19.1	
52 Methacrylonitrile	67	2.796	2.814	-0.018	90	206217	200.0	212.1	
51 Chlorobromomethane	128	2.814	2.820	-0.006	98	28892	20.0	18.3	
50 Tetrahydrofuran	72	2.832	2.851	-0.019	81	12422	40.0	34.7	a
53 Chloroform	83	2.875	2.881	-0.006	99	89179	20.0	20.0	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	97	117413	50.0	46.0	
55 1,1,1-Trichloroethane	97	3.009	3.021	-0.012	99	75391	20.0	17.9	
54 Cyclohexane	84	3.051	3.057	-0.006	90	56386	20.0	15.0	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	97	51441	20.0	16.3	
57 Carbon tetrachloride	117	3.130	3.143	-0.013	88	58946	20.0	16.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	111667	50.0	44.7	
59 Isobutyl alcohol	43	3.258	3.264	-0.006	33	39212	500.0	417.8	a
61 Benzene	78	3.288	3.295	-0.007	94	176247	20.0	20.6	
65 1,2-Dichloroethane	62	3.307	3.313	-0.006	96	54841	20.0	18.0	
60 Isooctane	57	3.361	3.374	-0.013	94	78193	20.0	16.0	
64 Isopropyl acetate	61	3.374	3.386	-0.012	97	17129	20.0	20.4	a
63 Tert-amyl methyl ether	73	3.398	3.410	-0.012	94	137297	20.0	18.2	
* 67 Fluorobenzene	96	3.513	3.520	-0.007	99	406650	50.0	50.0	
66 n-Heptane	43	3.513	3.526	-0.013	40	24417	20.0	14.4	
68 n-Butanol	56	3.824	3.830	-0.006	47	23549	500.0	381.6	
69 Trichloroethene	95	3.830	3.836	-0.006	98	40334	20.0	17.1	
70 Ethyl acrylate	99	3.958	3.964	-0.006	98	4181	20.0	24.7	
71 Methylcyclohexane	83	4.000	4.006	-0.006	89	56113	20.0	15.2	a
72 1,2-Dichloropropane	63	4.025	4.031	-0.007	95	47989	20.0	20.5	
* 73 1,4-Dioxane-d8	96	4.116	4.122	-0.006	67	20236	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.140	-0.006	97	29538	20.0	18.6	
75 1,4-Dioxane	88	4.164	4.171	-0.007	32	10637	400.0	461.0	
74 Methyl methacrylate	100	4.171	4.177	-0.007	85	21694	40.0	37.7	
77 n-Propyl acetate	43	4.237	4.244	-0.007	97	50750	20.0	21.1	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	98	55706	20.0	18.9	
79 2-Nitropropane	41	4.523	4.530	-0.007	99	16437	40.0	30.0	
81 Epichlorohydrin	57	4.651	4.663	-0.012	99	61268	400.0	284.7	
82 cis-1,3-Dichloropropene	75	4.730	4.736	-0.006	89	57899	20.0	19.4	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	95	184524	100.0	89.3	
$ 84 Toluene-d8 (Surr)	98	4.992	4.998	-0.006	99	376305	50.0	52.4	
85 Toluene	91	5.065	5.065	0.000	93	162733	20.0	19.7	
86 trans-1,3-Dichloropropene	75	5.326	5.327	-0.001	95	52517	20.0	20.1	
87 Ethyl methacrylate	69	5.466	5.473	-0.007	87	41473	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	96	34782	20.0	22.4	
89 Tetrachloroethene	166	5.637	5.643	-0.006	97	60891	20.0	30.9	
90 1,3-Dichloropropane	76	5.691	5.698	-0.007	91	61927	20.0	21.2	
91 2-Hexanone	58	5.837	5.838	-0.001	95	65670	100.0	87.0	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	41124	20.0	21.1	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	49310	20.0	22.9	
94 Ethylene Dibromide	107	6.038	6.038	0.000	99	39680	20.0	20.9	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	280641	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	103159	20.0	19.4	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	96	45484	20.0	19.6	
97 Ethylbenzene	106	6.786	6.793	-0.007	98	50460	20.0	18.9	
99 m-Xylene & p-Xylene	106	6.939	6.945	-0.006	0	57301	20.0	17.9	
100 o-Xylene	106	7.425	7.425	0.000	94	56754	20.0	16.9	
102 Styrene	104	7.450	7.450	0.000	96	91888	20.0	18.3	
101 n-Butyl acrylate	73	7.486	7.492	-0.006	98	25707	20.0	21.3	
104 Bromoform	173	7.644	7.644	0.000	94	26626	20.0	20.5	
103 Amyl acetate (mixed isomers)	43	7.802	7.803	-0.001	92	48158	20.0	20.0	
105 Isopropylbenzene	105	7.918	7.918	0.000	95	159947	20.0	18.8	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	91	110581	50.0	54.9	
107 Bromobenzene	156	8.240	8.241	-0.001	98	43880	20.0	19.9	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.344	-0.006	98	59115	20.0	22.7	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	98	14864	20.0	20.8	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	92	12252	20.0	20.8	
109 N-Propylbenzene	91	8.453	8.454	-0.001	99	180322	20.0	18.8	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	116685	20.0	20.0	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	137389	20.0	18.5	
115 4-Chlorotoluene	91	8.672	8.679	-0.007	96	120996	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	8.709	8.715	-0.006	93	139651	20.0	20.2	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	35442	20.0	16.2	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	97801	20.0	17.7	
118 1,2,4-Trimethylbenzene	105	9.189	9.196	-0.007	97	129869	20.0	18.7	
119 sec-Butylbenzene	105	9.402	9.403	-0.001	99	151950	20.0	18.5	
120 1,3-Dichlorobenzene	146	9.481	9.482	-0.001	96	81759	20.0	20.1	
* 122 1,4-Dichlorobenzene-d4	152	9.567	9.561	0.006	94	151317	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.591	9.585	0.006	96	83848	20.0	19.7	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	134153	20.0	18.6	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	149013	20.0	19.1	
125 Benzyl chloride	126	9.767	9.761	0.006	99	16468	20.0	18.5	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	137517	20.0	19.1	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	96	82311	20.0	19.4	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	73627	20.0	18.4	
128 n-Butylbenzene	92	10.029	10.035	-0.006	98	70031	20.0	20.1	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	93	9493	20.0	16.3	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	91176	20.0	12.1	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	53431	20.0	17.9	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	92	41799	20.0	16.3	
134 Hexachlorobutadiene	225	11.592	11.593	-0.001	88	11894	20.0	14.9	
135 Naphthalene	128	11.617	11.617	0.000	99	99812	20.0	15.6	
136 1,2,3-Trichlorobenzene	180	11.811	11.812	-0.001	95	38413	20.0	15.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	35.1	
S 138 Xylenes, Total	100				0		40.0	34.8	
S 139 Total BTEX	1				0		100.0	94.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

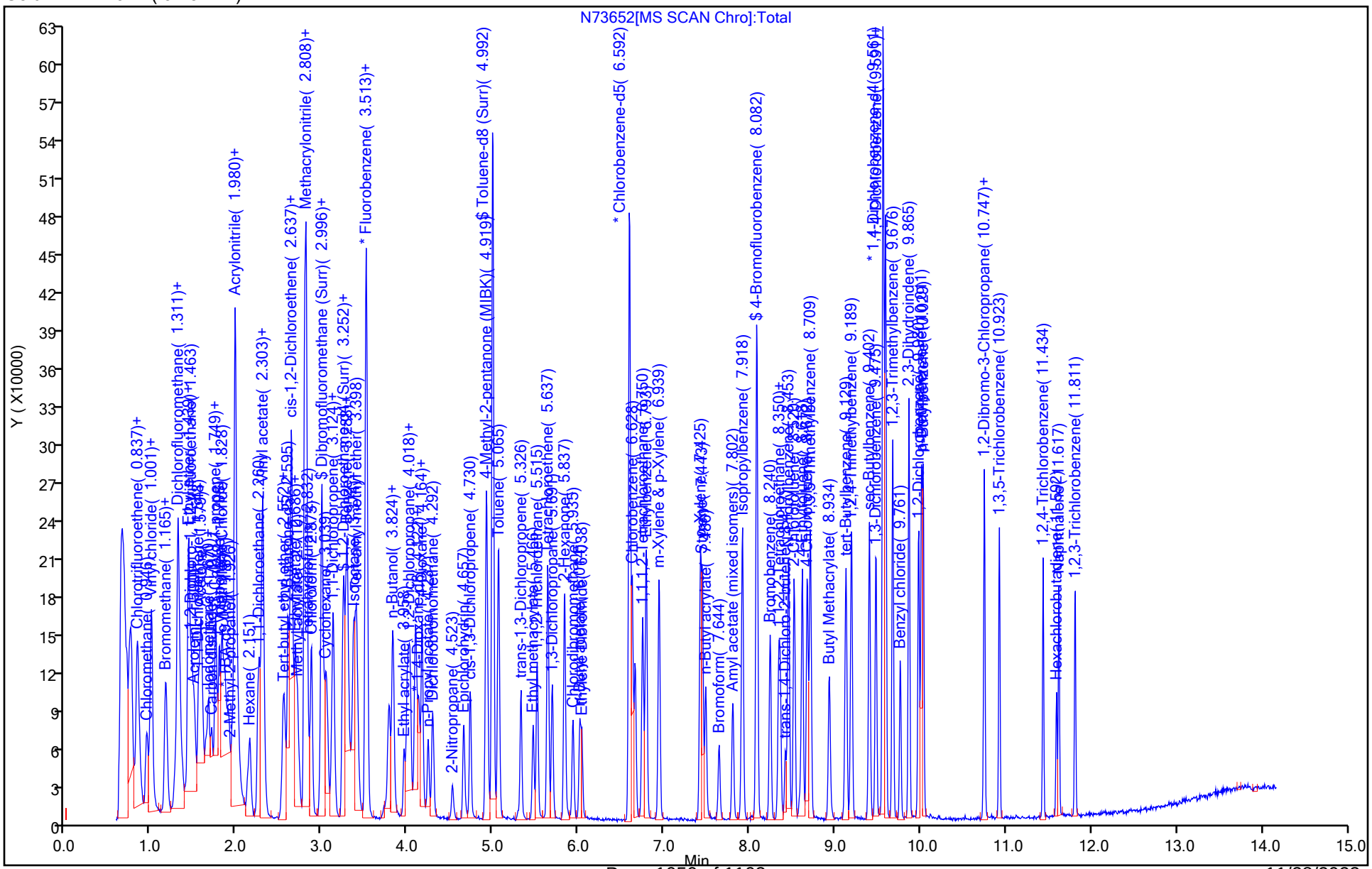
Report Date: 21-Nov-2023 13:55:01 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73652.D

Injection Date:	21-Nov-2023 01:14:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-5 MS			Worklist Smp#:	16
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	32
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73652.D
Lims ID: 460-292871-A-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 21-Nov-2023 01:14:30 ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5 MS
Misc. Info.: 460-0169153-016
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:55:00 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:34:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	46.0	91.91
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	44.7	89.42
$ 84 Toluene-d8 (Surr)	50.0	52.4	104.87
$ 106 4-Bromofluorobenzene	50.0	54.9	109.78

Eurofins Edison

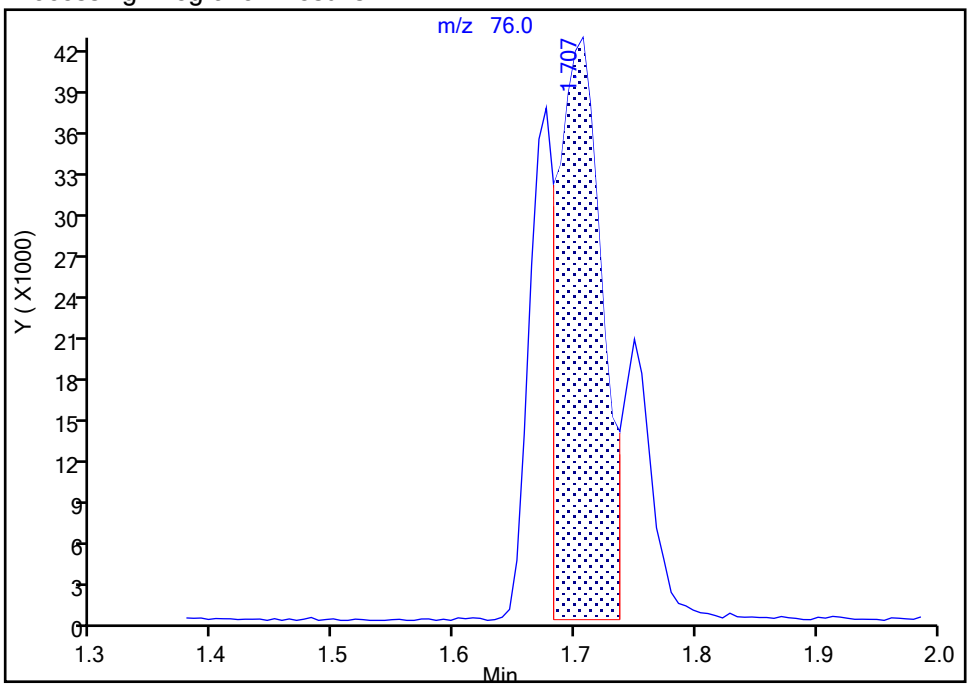
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73652.D
Injection Date: 21-Nov-2023 01:14:30 Instrument ID: CVOAMS11
Lims ID: 460-292871-A-5 MS
Client ID: A-02
Operator ID: ALS Bottle#: 32 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

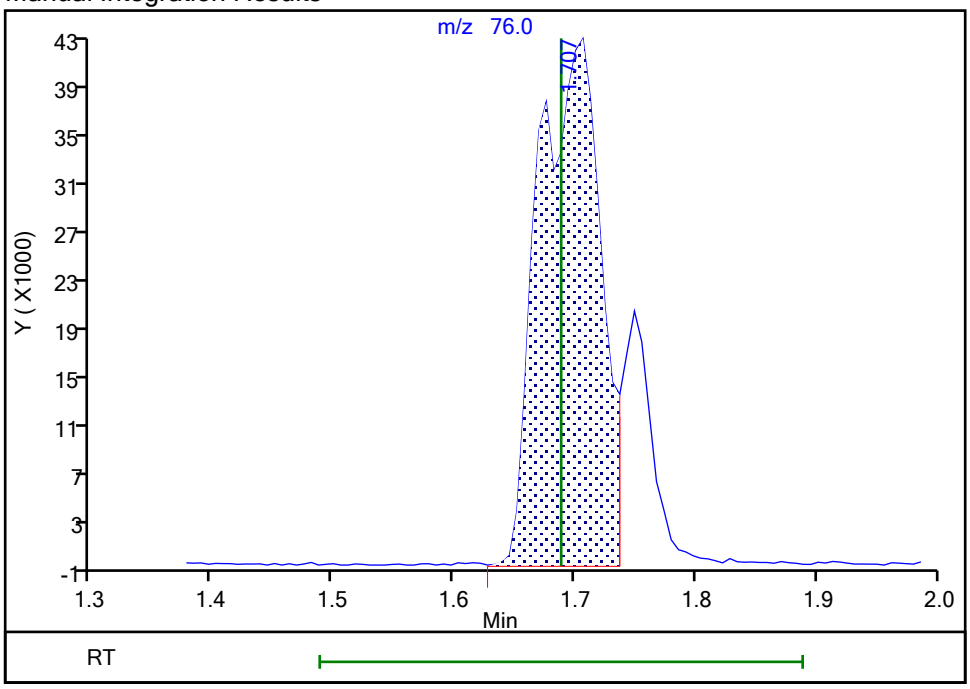
Processing Integration Results

RT: 1.71
Area: 112253
Amount: 10.565252
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 155633
Amount: 14.648178
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:54:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-292722-D-12 MS

Matrix: Water | Lab File ID: N73681.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 14:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	23.4		1.0	0.20
75-34-3	1,1-Dichloroethane	22.6		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
591-78-6	2-Hexanone	83.8		5.0	1.1
67-64-1	Acetone	95.4		5.0	4.4
71-43-2	Benzene	23.4		1.0	0.20
75-27-4	Bromodichloromethane	19.7		1.0	0.34
75-25-2	Bromoform	19.5		1.0	0.54
74-83-9	Bromomethane	13.3		1.0	0.55
75-15-0	Carbon disulfide	20.0		1.0	0.82
56-23-5	Carbon tetrachloride	19.2		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	15.8		1.0	0.32
67-66-3	Chloroform	22.3		1.0	0.33
74-87-3	Chloromethane	14.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	23.7		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
124-48-1	Dibromochloromethane	21.4		1.0	0.28
100-41-4	Ethylbenzene	19.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	86.3		5.0	1.9
108-10-1	methyl isobutyl ketone	89.9		5.0	1.3
75-09-2	Methylene Chloride	21.0		1.0	0.32
100-42-5	Styrene	19.9		1.0	0.42
127-18-4	Tetrachloroethene	20.7		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.22
79-01-6	Trichloroethene	51.0		1.0	0.31
75-01-4	Vinyl chloride	15.6		1.0	0.17
1330-20-7	Xylenes, Total	39.4		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-292722-D-12 MS

Matrix: Water | Lab File ID: N73681.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 14:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
460-00-4	4-Bromofluorobenzene	118		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73681.D
Lims ID: 460-292722-D-12 MS
Client ID: MW91-111423-1306-26
Sample Type: MS
Inject. Date: 21-Nov-2023 14:37:30 ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292722-D-12 MS
Misc. Info.: 460-0169172-022
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:36:38 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 15:41:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.831	0.831	0.000	88	24674	20.0	31.5	
6 Chlorodifluoromethane	51	0.843	0.843	0.000	95	143150	20.0	24.7	
5 Dichlorodifluoromethane	85	0.849	0.849	0.000	96	66677	20.0	16.4	
7 Chloromethane	52	0.959	0.953	0.007	99	18354	20.0	14.3	
8 Vinyl chloride	62	1.001	0.995	0.006	97	57435	20.0	15.6	
9 Butadiene	54	1.007	1.013	-0.006	89	47944	20.0	14.9	
10 Bromomethane	94	1.171	1.172	-0.001	99	43779	20.0	13.3	
11 Chloroethane	64	1.190	1.184	0.006	99	35307	20.0	15.8	
12 Dichlorofluoromethane	67	1.311	1.311	0.000	99	130385	20.0	20.0	
14 Pentane	72	1.324	1.318	0.006	96	17621	40.0	41.5	
13 Trichlorofluoromethane	101	1.336	1.336	0.000	97	80920	20.0	17.0	
15 Ethanol	46	1.427	1.427	0.000	72	3266	800.0	355.4	
16 Ethyl ether	74	1.433	1.433	0.000	95	33167	20.0	22.1	
17 2-Methyl-1,3-butadiene	53	1.445	1.445	0.000	94	44368	20.0	21.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.470	1.476	-0.006	96	57366	20.0	20.6	
20 Acrolein	56	1.512	1.506	0.006	51	14478	40.0	35.7	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.506	-0.006	93	101347	20.0	23.3	a
22 1,1-Dichloroethene	96	1.561	1.561	0.000	98	54547	20.0	19.5	
23 Acetone	58	1.591	1.585	0.006	78	29156	100.0	95.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.597	1.591	0.006	95	68847	20.0	22.4	
24 Iodomethane	142	1.652	1.652	0.000	97	106725	20.0	19.1	
25 Isopropyl alcohol	45	1.695	1.676	0.019	30	25648	200.0	202.4	Ma
26 Carbon disulfide	76	1.682	1.713	-0.031	98	213232	20.0	20.0	M
30 Acetonitrile	39	1.756	1.756	0.000	75	52668	200.0	196.5	
27 3-Chloro-1-propene	76	1.756	1.756	0.000	92	41709	20.0	18.7	
28 Methyl acetate	74	1.774	1.774	0.000	99	19062	40.0	37.2	
29 Cyclopentene	67	1.804	1.804	0.000	94	106641	20.0	20.2	
32 Methylene Chloride	84	1.835	1.835	0.000	92	67858	20.0	21.0	
* 31 TBA-d9 (IS)	46	1.883	1.877	0.006	99	76824	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.944	1.926	0.018	91	59326	200.0	193.5	a
36 Acrylonitrile	53	1.981	1.981	0.000	95	227514	200.0	233.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.987	0.000	94	57164	20.0	20.6	
34 Methyl tert-butyl ether	73	1.999	1.999	0.000	97	152610	20.0	19.6	
37 Hexane	56	2.151	2.151	0.000	91	28550	20.0	21.9	
39 1,1-Dichloroethane	63	2.254	2.248	0.006	99	105862	20.0	22.6	
40 Vinyl acetate	86	2.297	2.297	0.000	100	18563	40.0	37.6	
38 Isopropyl ether	45	2.309	2.309	0.000	84	159931	20.0	22.5	
41 2-Chloro-1,3-butadiene	88	2.315	2.309	0.006	88	46517	20.0	20.0	
42 Tert-butyl ethyl ether	59	2.552	2.552	0.000	91	160673	20.0	22.7	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	99	246367	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.644	2.644	0.000	99	72402	20.0	23.7	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	90	28178	100.0	86.3	
44 2,2-Dichloropropane	79	2.644	2.656	-0.012	69	26317	20.0	18.9	
47 Ethyl acetate	70	2.698	2.686	0.012	99	9020	40.0	35.9	
49 Propionitrile	54	2.717	2.711	0.006	76	84590	200.0	230.3	
48 Methyl acrylate	55	2.711	2.711	0.000	98	51091	20.0	19.9	
52 Methacrylonitrile	67	2.796	2.808	-0.012	90	209336	200.0	214.6	
51 Chlorobromomethane	128	2.814	2.814	0.000	90	33385	20.0	21.1	
50 Tetrahydrofuran	72	2.832	2.845	-0.012	90	13832	40.0	39.3	
53 Chloroform	83	2.881	2.881	0.000	98	100032	20.0	22.3	
$ 56 Dibromofluoromethane (Surr)	113	2.997	2.997	0.000	96	124039	50.0	48.4	
55 1,1,1-Trichloroethane	97	3.009	3.015	-0.006	99	85782	20.0	20.3	
54 Cyclohexane	84	3.051	3.057	-0.006	89	73550	20.0	19.5	
58 1,1-Dichloropropene	75	3.130	3.130	0.000	97	60665	20.0	19.1	
57 Carbon tetrachloride	117	3.136	3.137	0.000	94	69214	20.0	19.2	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.252	3.246	0.006	0	113708	50.0	45.4	
59 Isobutyl alcohol	43	3.258	3.270	-0.012	94	40011	500.0	501.1	a
61 Benzene	78	3.295	3.289	0.006	94	195426	20.0	23.4	
65 1,2-Dichloroethane	62	3.313	3.307	0.006	97	59601	20.0	19.5	
60 Isooctane	57	3.368	3.362	0.006	94	96356	20.0	19.6	
64 Isopropyl acetate	61	3.380	3.380	0.000	84	15959	20.0	19.0	a
63 Tert-amyl methyl ether	73	3.404	3.404	0.000	93	145644	20.0	19.3	
66 n-Heptane	43	3.520	3.514	0.006	41	29740	20.0	17.4	
* 67 Fluorobenzene	96	3.520	3.520	0.000	99	407980	50.0	50.0	
68 n-Butanol	56	3.824	3.824	0.000	94	21093	500.0	401.8	
69 Trichloroethene	95	3.830	3.830	0.000	99	120574	20.0	51.0	
70 Ethyl acrylate	99	3.958	3.964	-0.006	96	3237	20.0	19.2	
71 Methylcyclohexane	83	4.000	4.000	0.000	91	72574	20.0	19.6	a
72 1,2-Dichloropropane	63	4.031	4.031	0.000	94	48179	20.0	20.5	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	57	21657	1000.0	1000.0	
76 Dibromomethane	93	4.128	4.128	0.000	96	30481	20.0	19.1	
75 1,4-Dioxane	88	4.171	4.171	0.000	30	9340	400.0	378.2	
74 Methyl methacrylate	100	4.171	4.171	0.000	86	19332	40.0	33.5	
77 n-Propyl acetate	43	4.238	4.244	-0.006	98	44489	20.0	18.4	
78 Dichlorobromomethane	83	4.292	4.292	0.000	99	58081	20.0	19.7	
79 2-Nitropropane	41	4.524	4.524	0.000	96	16544	40.0	35.5	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	48369	400.0	228.6	
82 cis-1,3-Dichloropropene	75	4.730	4.730	0.000	90	55871	20.0	19.2	
83 4-Methyl-2-pentanone (MIBK)	43	4.925	4.925	0.000	96	182547	100.0	89.9	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	371220	50.0	53.0	
85 Toluene	91	5.065	5.065	0.000	92	171242	20.0	21.2	
86 trans-1,3-Dichloropropene	75	5.327	5.327	0.000	95	49139	20.0	19.2	
87 Ethyl methacrylate	69	5.473	5.467	0.006	87	39607	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	96	35472	20.0	23.4	
89 Tetrachloroethene	166	5.637	5.643	-0.006	97	39952	20.0	20.7	
90 1,3-Dichloropropane	76	5.692	5.692	0.000	91	61292	20.0	21.5	
91 2-Hexanone	58	5.838	5.838	0.000	95	62224	100.0	83.8	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	40833	20.0	21.4	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	44662	20.0	21.3	
94 Ethylene Dibromide	107	6.038	6.038	0.000	98	40191	20.0	21.7	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	85	274103	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	104973	20.0	20.3	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	97	48273	20.0	21.3	
97 Ethylbenzene	106	6.793	6.793	0.000	98	51791	20.0	19.9	
99 m-Xylene & p-Xylene	106	6.939	6.939	0.000	0	61152	20.0	19.6	
100 o-Xylene	106	7.425	7.425	0.000	95	64857	20.0	19.8	
102 Styrene	104	7.450	7.450	0.000	96	97350	20.0	19.9	
101 n-Butyl acrylate	73	7.486	7.486	0.000	97	28106	20.0	23.8	
104 Bromoform	173	7.644	7.644	0.000	95	26424	20.0	19.5	
103 Amyl acetate (mixed isomers)	43	7.803	7.803	0.000	92	46881	20.0	18.6	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	177856	20.0	21.4	
$ 106 4-Bromofluorobenzene	174	8.089	8.089	-0.001	93	115658	50.0	58.8	
107 Bromobenzene	156	8.241	8.241	0.000	99	45705	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.338	0.000	99	64499	20.0	23.6	
110 1,2,3-Trichloropropane	110	8.356	8.362	-0.006	98	15499	20.0	20.7	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	93	9932	20.0	16.1	
109 N-Propylbenzene	91	8.460	8.454	0.006	99	201737	20.0	20.1	
112 2-Chlorotoluene	91	8.520	8.520	0.000	97	131038	20.0	21.5	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	157598	20.0	20.3	
115 4-Chlorotoluene	91	8.673	8.673	0.000	97	139327	20.0	21.7	
114 1,3,5-Trimethylbenzene	105	8.709	8.709	0.000	92	152716	20.0	21.1	
116 Butyl Methacrylate	87	8.934	8.934	0.000	88	42235	20.0	18.4	
117 tert-Butylbenzene	119	9.129	9.129	0.000	94	104940	20.0	18.2	
118 1,2,4-Trimethylbenzene	105	9.190	9.190	0.000	97	151295	20.0	20.8	
119 sec-Butylbenzene	105	9.403	9.403	0.000	99	173776	20.0	20.2	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	97	86811	20.0	20.4	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	158427	50.0	50.0	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	97	146456	20.0	19.4	
123 1,4-Dichlorobenzene	146	9.591	9.591	0.000	96	89284	20.0	20.1	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	167946	20.0	20.6	
125 Benzyl chloride	126	9.761	9.762	-0.001	99	15237	20.0	16.3	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	157994	20.0	21.0	
129 1,2-Dichlorobenzene	146	9.980	9.981	-0.001	96	91085	20.0	20.5	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	85686	20.0	20.4	
128 n-Butylbenzene	92	10.029	10.029	0.000	98	81310	20.0	22.3	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	93	10843	20.0	17.8	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	100908	20.0	12.8	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	59392	20.0	19.0	
133 1,2,4-Trichlorobenzene	180	11.434	11.435	0.000	94	42915	20.0	16.0	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	90	13206	20.0	15.8	
135 Naphthalene	128	11.617	11.617	0.000	99	104021	20.0	15.6	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	94	39151	20.0	15.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	44.3	
S 138 Xylenes, Total	100				0		40.0	39.4	
S 139 Total BTEX	1				0		100.0	103.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00557	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

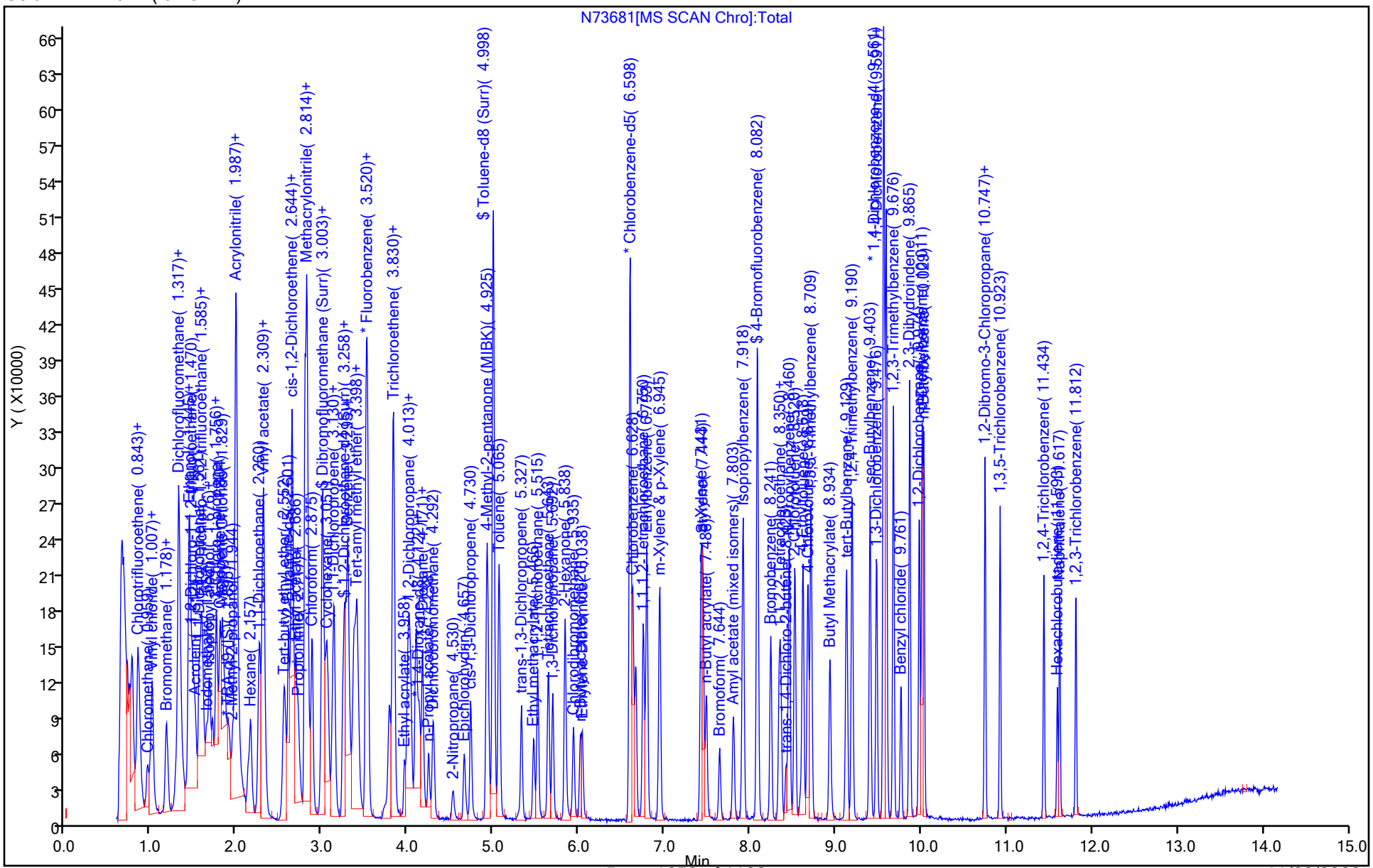
Report Date: 22-Nov-2023 12:36:38 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73681.D

Injection Date:	21-Nov-2023 14:37:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292722-D-12 MS			Worklist Smp#:	22
Client ID:	MW91-111423-1306-26				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	38
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73681.D
Lims ID: 460-292722-D-12 MS
Client ID: MW91-111423-1306-26
Sample Type: MS
Inject. Date: 21-Nov-2023 14:37:30 ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292722-D-12 MS
Misc. Info.: 460-0169172-022
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:36:38 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 15:41:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.4	96.78
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	45.4	90.76
$ 84 Toluene-d8 (Surr)	50.0	53.0	105.92
$ 106 4-Bromofluorobenzene	50.0	58.8	117.56

Eurofins Edison

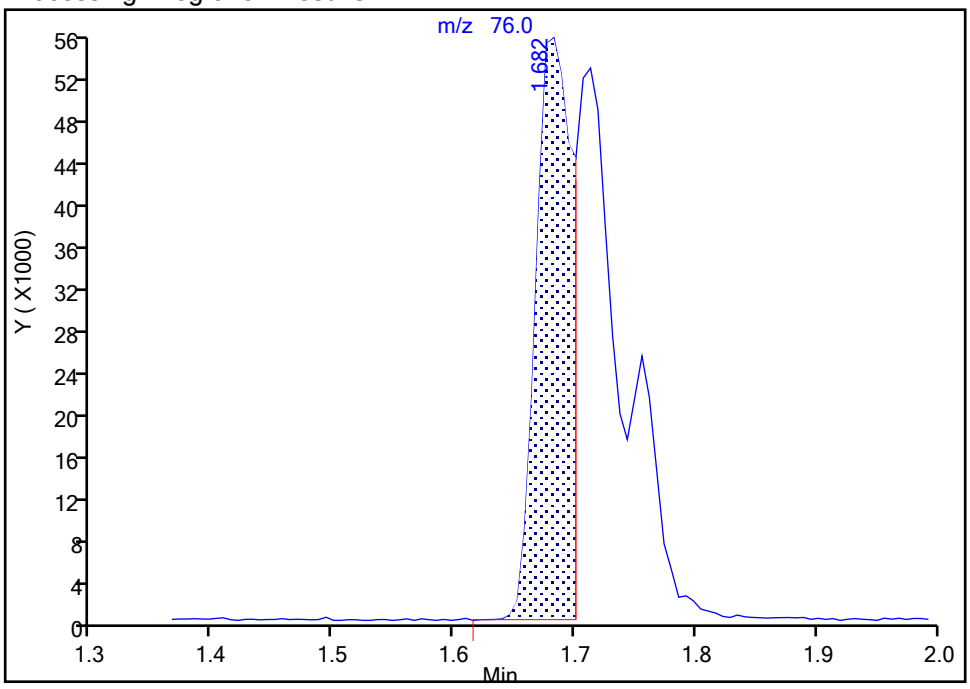
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73681.D
Injection Date: 21-Nov-2023 14:37:30 Instrument ID: CVOAMS11
Lims ID: 460-292722-D-12 MS
Client ID: MW91-111423-1306-26
Operator ID: ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

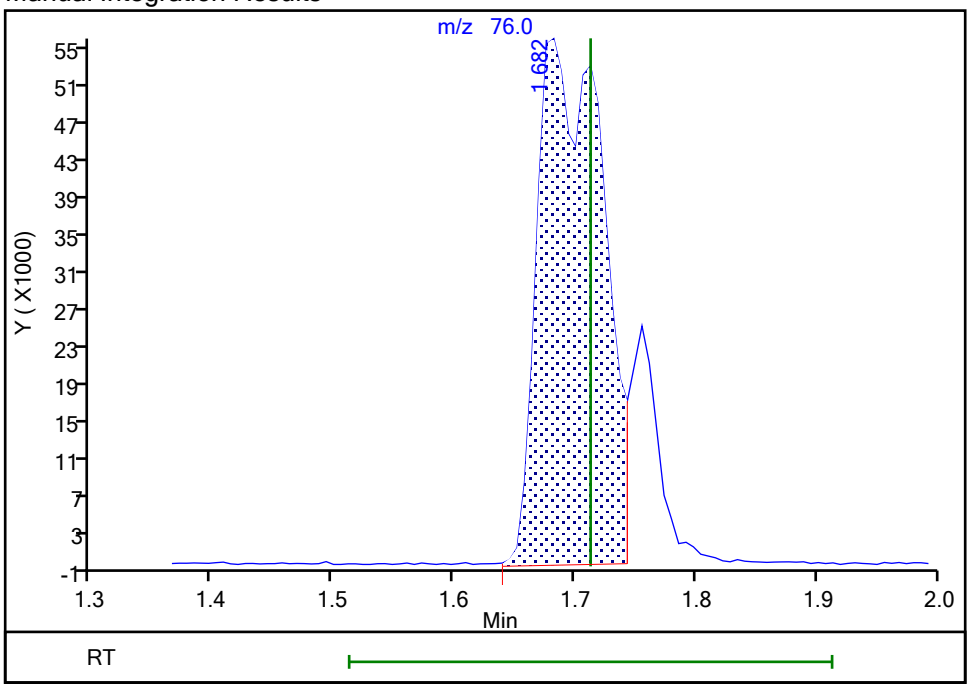
Processing Integration Results

RT: 1.68
Area: 119602
Amount: 11.220243
Amount Units: ug/l



Manual Integration Results

RT: 1.68
Area: 213232
Amount: 20.003970
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:35:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

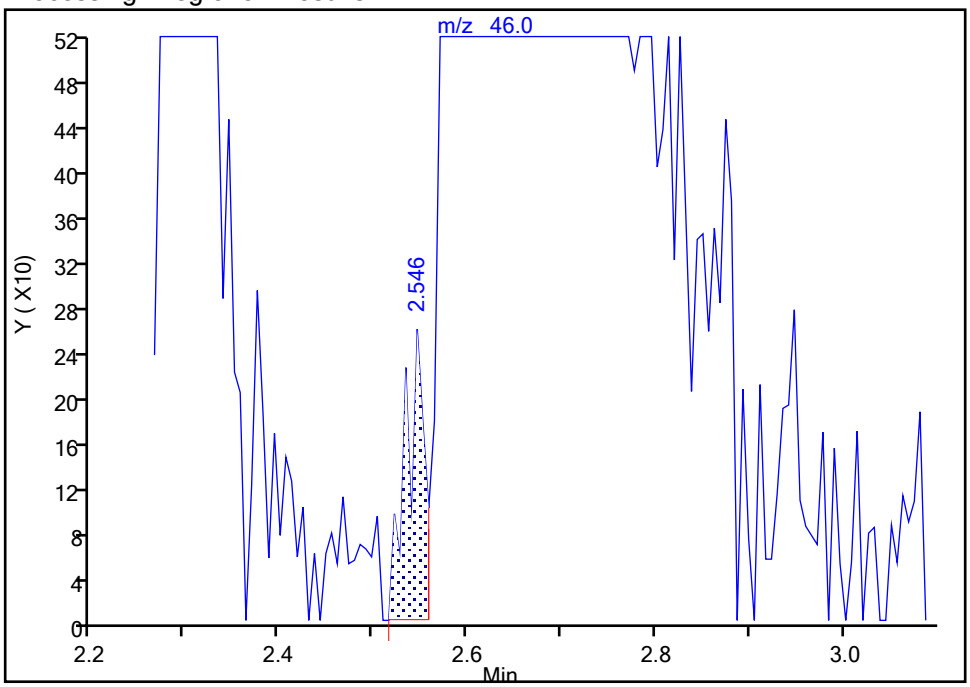
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73681.D
Injection Date: 21-Nov-2023 14:37:30 Instrument ID: CVOAMS11
Lims ID: 460-292722-D-12 MS
Client ID: MW91-111423-1306-26
Operator ID: ALS Bottle#: 38 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

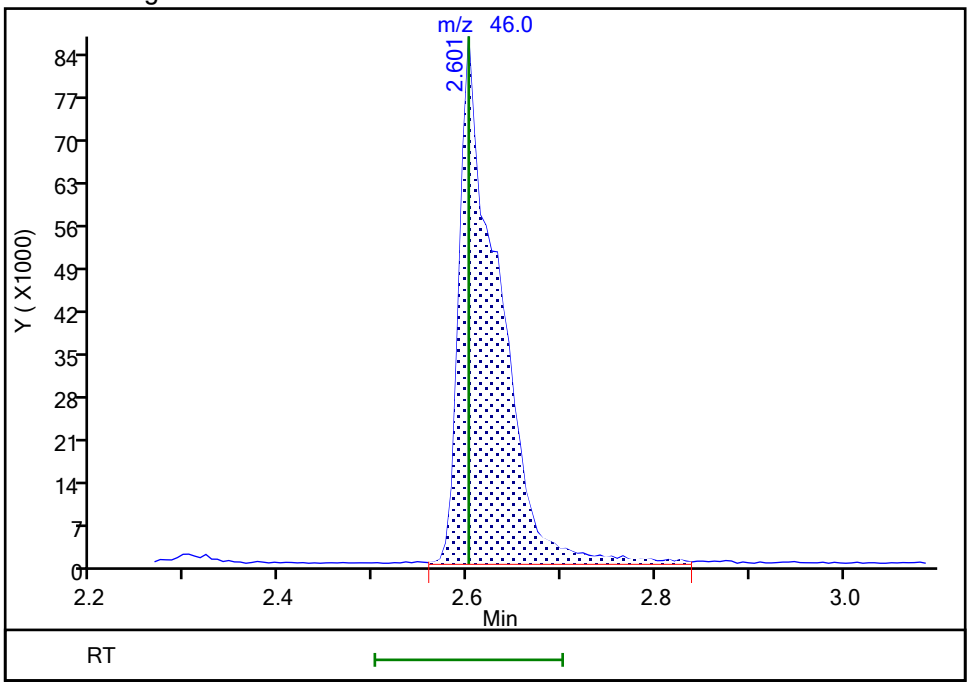
Processing Integration Results

RT: 2.55
Area: 360
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 246367
Amount: 250.0000
Amount Units: ug/l



Reviewer: C1JX, 21-Nov-2023 15:40:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-292871-5 MSD

Matrix: Water | Lab File ID: N73653.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 01:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	17.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.4		1.0	0.20
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	16.9		1.0	0.26
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
591-78-6	2-Hexanone	89.3		5.0	1.1
67-64-1	Acetone	84.5		5.0	4.4
71-43-2	Benzene	19.8		1.0	0.20
75-27-4	Bromodichloromethane	18.7		1.0	0.34
75-25-2	Bromoform	21.0		1.0	0.54
74-83-9	Bromomethane	19.5		1.0	0.55
75-15-0	Carbon disulfide	14.4		1.0	0.82
56-23-5	Carbon tetrachloride	16.4		1.0	0.21
108-90-7	Chlorobenzene	18.9		1.0	0.38
75-00-3	Chloroethane	20.9		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	21.7		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.22
124-48-1	Dibromochloromethane	19.9		1.0	0.28
100-41-4	Ethylbenzene	18.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	87.6		5.0	1.9
108-10-1	methyl isobutyl ketone	91.3		5.0	1.3
75-09-2	Methylene Chloride	19.8		1.0	0.32
100-42-5	Styrene	18.6		1.0	0.42
127-18-4	Tetrachloroethene	29.6		1.0	0.25
108-88-3	Toluene	19.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.22
79-01-6	Trichloroethene	16.5		1.0	0.31
75-01-4	Vinyl chloride	22.2		1.0	0.17
1330-20-7	Xylenes, Total	34.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-292871-5 MSD

Matrix: Water | Lab File ID: N73653.D

Analysis Method: 8260D | Date Collected: 11/08/2023 10:35

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 01:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945808 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-128
460-00-4	4-Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73653.D
Lims ID: 460-292871-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 21-Nov-2023 01:38:30 ALS Bottle#: 33 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5 MSD
Misc. Info.: 460-0169153-017
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:56:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:34:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.818	0.843	-0.025	48	20752	20.0	27.0	
5 Dichlorodifluoromethane	85	0.843	0.855	-0.012	49	78530	20.0	19.8	
6 Chlorodifluoromethane	51	0.837	0.855	-0.018	95	137324	20.0	24.2	
7 Chloromethane	52	0.946	0.959	-0.013	99	27009	20.0	21.7	
8 Vinyl chloride	62	0.995	1.007	-0.012	78	79865	20.0	22.2	
9 Butadiene	54	1.007	1.013	-0.006	93	66055	20.0	21.0	
10 Bromomethane	94	1.165	1.178	-0.013	99	62965	20.0	19.5	
11 Chloroethane	64	1.177	1.190	-0.013	98	45639	20.0	20.9	
12 Dichlorofluoromethane	67	1.305	1.317	-0.012	99	139757	20.0	21.9	
14 Pentane	72	1.317	1.330	-0.013	96	12811	40.0	28.8	
13 Trichlorofluoromethane	101	1.336	1.348	-0.012	98	86294	20.0	18.5	
15 Ethanol	46	1.415	1.433	-0.018	85	7751	800.0	806.3	
16 Ethyl ether	74	1.427	1.439	-0.012	92	27463	20.0	18.6	
17 2-Methyl-1,3-butadiene	53	1.439	1.451	-0.012	93	36294	20.0	17.7	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.469	1.482	-0.013	96	53522	20.0	19.7	
20 Acrolein	56	1.506	1.512	-0.006	50	13717	40.0	32.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.500	1.518	-0.018	94	89226	20.0	21.0	a
22 1,1-Dichloroethene	96	1.555	1.567	-0.012	98	46158	20.0	16.9	
23 Acetone	58	1.591	1.597	-0.006	88	25045	100.0	84.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.597	-0.012	81	54365	20.0	18.1	
24 Iodomethane	142	1.652	1.658	-0.006	96	95057	20.0	17.3	
26 Carbon disulfide	76	1.707	1.689	0.018	100	150209	20.0	14.4	M
25 Isopropyl alcohol	45	1.664	1.689	-0.025	37	29180	200.0	220.2	
27 3-Chloro-1-propene	76	1.749	1.762	-0.013	92	40808	20.0	18.7	
30 Acetonitrile	39	1.749	1.762	-0.013	78	47484	200.0	169.4	
28 Methyl acetate	74	1.768	1.780	-0.012	98	18081	40.0	33.8	
29 Cyclopentene	67	1.798	1.810	-0.012	93	80145	20.0	15.5	
32 Methylene Chloride	84	1.834	1.841	-0.007	91	62642	20.0	19.8	
* 31 TBA-d9 (IS)	46	1.865	1.883	-0.018	100	80362	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.907	1.950	-0.043	91	59735	200.0	186.3	a
36 Acrylonitrile	53	1.974	1.987	-0.013	95	201407	200.0	211.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.999	-0.012	93	47134	20.0	17.4	
34 Methyl tert-butyl ether	73	1.999	2.005	-0.006	96	147907	20.0	19.4	
37 Hexane	56	2.145	2.163	-0.018	92	18031	20.0	14.1	
39 1,1-Dichloroethane	63	2.248	2.260	-0.012	99	85978	20.0	18.8	
40 Vinyl acetate	86	2.285	2.291	-0.006	99	16539	40.0	34.6	
38 Isopropyl ether	45	2.303	2.309	-0.006	84	140836	20.0	20.2	
41 2-Chloro-1,3-butadiene	88	2.309	2.315	-0.006	80	39216	20.0	17.2	
42 Tert-butyl ethyl ether	59	2.546	2.552	-0.006	92	150976	20.0	21.8	
* 43 2-Butanone-d5	46	2.601	2.607	-0.006	99	238890	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.637	2.650	-0.013	99	56083	20.0	18.8	
44 2,2-Dichloropropane	79	2.644	2.650	-0.006	86	24674	20.0	18.1	a
46 2-Butanone (MEK)	72	2.644	2.662	-0.018	90	27728	100.0	87.6	
47 Ethyl acetate	70	2.686	2.692	-0.006	100	9156	40.0	37.6	
49 Propionitrile	54	2.704	2.717	-0.013	85	77215	200.0	200.9	
48 Methyl acrylate	55	2.710	2.717	-0.007	97	49692	20.0	19.8	
52 Methacrylonitrile	67	2.802	2.814	-0.012	88	196913	200.0	206.3	
51 Chlorobromomethane	128	2.814	2.820	-0.006	87	28301	20.0	18.3	
50 Tetrahydrofuran	72	2.850	2.851	-0.001	74	13160	40.0	38.6	
53 Chloroform	83	2.875	2.881	-0.006	100	89332	20.0	20.4	
$ 56 Dibromofluoromethane (Surr)	113	2.990	3.003	-0.013	96	117337	50.0	46.8	
55 1,1,1-Trichloroethane	97	3.009	3.021	-0.012	97	71935	20.0	17.4	
54 Cyclohexane	84	3.045	3.057	-0.012	88	57034	20.0	15.5	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	98	50706	20.0	16.4	
57 Carbon tetrachloride	117	3.130	3.143	-0.013	88	57835	20.0	16.4	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.252	-0.006	0	108838	50.0	44.4	
59 Isobutyl alcohol	43	3.264	3.264	0.000	95	42304	500.0	506.5	a
61 Benzene	78	3.282	3.295	-0.013	94	170024	20.0	19.8	
65 1,2-Dichloroethane	62	3.307	3.313	-0.006	97	54404	20.0	18.2	
60 Isooctane	57	3.361	3.374	-0.013	95	80749	20.0	16.8	
64 Isopropyl acetate	61	3.374	3.386	-0.012	97	16754	20.0	20.4	a
63 Tert-amyl methyl ether	73	3.398	3.410	-0.012	98	139119	20.0	18.8	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	98	399136	50.0	50.0	
66 n-Heptane	43	3.514	3.526	-0.012	40	23115	20.0	13.9	
68 n-Butanol	56	3.824	3.830	-0.006	49	24610	500.0	448.1	
69 Trichloroethene	95	3.830	3.836	-0.006	99	38173	20.0	16.5	
70 Ethyl acrylate	99	3.958	3.964	-0.006	98	3196	20.0	19.4	
71 Methylcyclohexane	83	3.994	4.006	-0.012	94	54485	20.0	15.0	a
72 1,2-Dichloropropane	63	4.025	4.031	-0.006	94	44252	20.0	19.3	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	67	26627	1000.0	1000.0	
76 Dibromomethane	93	4.128	4.140	-0.012	95	28449	20.0	18.3	
75 1,4-Dioxane	88	4.171	4.171	0.000	32	11198	400.0	368.8	
74 Methyl methacrylate	100	4.171	4.177	-0.006	86	20585	40.0	36.5	
77 n-Propyl acetate	43	4.237	4.244	-0.007	96	49218	20.0	20.9	
78 Dichlorobromomethane	83	4.292	4.298	-0.006	99	53970	20.0	18.7	
79 2-Nitropropane	41	4.523	4.530	-0.007	98	15811	40.0	32.4	
81 Epichlorohydrin	57	4.657	4.663	-0.006	99	59726	400.0	291.1	
82 cis-1,3-Dichloropropene	75	4.730	4.736	-0.006	89	56052	20.0	18.6	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	95	179721	100.0	91.3	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	371683	50.0	51.4	
85 Toluene	91	5.065	5.065	0.000	93	158837	20.0	19.0	
86 trans-1,3-Dichloropropene	75	5.326	5.327	-0.001	95	51471	20.0	19.5	
87 Ethyl methacrylate	69	5.466	5.473	-0.007	89	40865	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 1,1,2-Trichloroethane	83	5.515	5.521	-0.006	96	33410	20.0	21.4	
89 Tetrachloroethene	166	5.637	5.643	-0.006	96	58865	20.0	29.6	
90 1,3-Dichloropropane	76	5.691	5.698	-0.007	91	61163	20.0	20.8	
91 2-Hexanone	58	5.837	5.838	-0.001	96	64264	100.0	89.3	
93 Chlorodibromomethane	129	5.935	5.935	0.000	98	39119	20.0	19.9	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	47793	20.0	22.1	
94 Ethylene Dibromide	107	6.038	6.038	0.000	98	39408	20.0	20.6	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	283000	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	101301	20.0	18.9	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	97	42970	20.0	18.4	
97 Ethylbenzene	106	6.793	6.793	0.000	98	48906	20.0	18.2	
99 m-Xylene & p-Xylene	106	6.945	6.945	0.000	0	56935	20.0	17.7	
100 o-Xylene	106	7.425	7.425	0.000	94	56016	20.0	16.6	
102 Styrene	104	7.450	7.450	0.000	95	94064	20.0	18.6	
101 n-Butyl acrylate	73	7.486	7.492	-0.006	99	26975	20.0	22.2	
104 Bromoform	173	7.644	7.644	0.000	95	26841	20.0	21.0	
103 Amyl acetate (mixed isomers)	43	7.802	7.803	-0.001	92	48494	20.0	20.5	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	154537	20.0	18.0	
$ 106 4-Bromofluorobenzene	174	8.088	8.088	0.000	91	112269	50.0	55.3	
107 Bromobenzene	156	8.240	8.241	-0.001	98	42978	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.344	-0.006	99	58985	20.0	23.0	
110 1,2,3-Trichloropropane	110	8.356	8.362	-0.006	99	14402	20.0	20.5	
111 trans-1,4-Dichloro-2-butene	53	8.423	8.417	0.006	93	12288	20.0	21.2	
109 N-Propylbenzene	91	8.453	8.454	-0.001	99	178144	20.0	18.9	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	117212	20.0	20.4	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	136587	20.0	18.7	
115 4-Chlorotoluene	91	8.672	8.679	-0.007	95	121272	20.0	20.1	
114 1,3,5-Trimethylbenzene	105	8.709	8.715	-0.006	94	131173	20.0	19.3	
116 Butyl Methacrylate	87	8.934	8.934	0.000	89	34746	20.0	16.1	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	96852	20.0	17.8	
118 1,2,4-Trimethylbenzene	105	9.196	9.196	0.000	97	130387	20.0	19.0	
119 sec-Butylbenzene	105	9.402	9.403	-0.001	99	150140	20.0	18.5	
120 1,3-Dichlorobenzene	146	9.481	9.482	-0.001	97	81446	20.0	20.3	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	94	149025	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.585	9.585	0.000	95	85255	20.0	20.4	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	129142	20.0	18.2	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	147941	20.0	19.3	
125 Benzyl chloride	126	9.767	9.761	0.006	99	16760	20.0	19.1	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	139970	20.0	19.8	
129 1,2-Dichlorobenzene	146	9.980	9.980	0.000	97	82129	20.0	19.7	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	73988	20.0	18.7	
128 n-Butylbenzene	92	10.029	10.035	-0.006	97	69927	20.0	20.4	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	95	10290	20.0	18.0	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	95264	20.0	12.8	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	55123	20.0	18.8	
133 1,2,4-Trichlorobenzene	180	11.434	11.434	0.000	94	44696	20.0	17.7	
134 Hexachlorobutadiene	225	11.592	11.593	-0.001	88	13137	20.0	16.7	
135 Naphthalene	128	11.623	11.617	0.006	99	124267	20.0	19.7	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	96	46980	20.0	19.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	36.1	
S 138 Xylenes, Total	100				0		40.0	34.2	
S 139 Total BTEX	1				0		100.0	91.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
GASES Li_00557	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

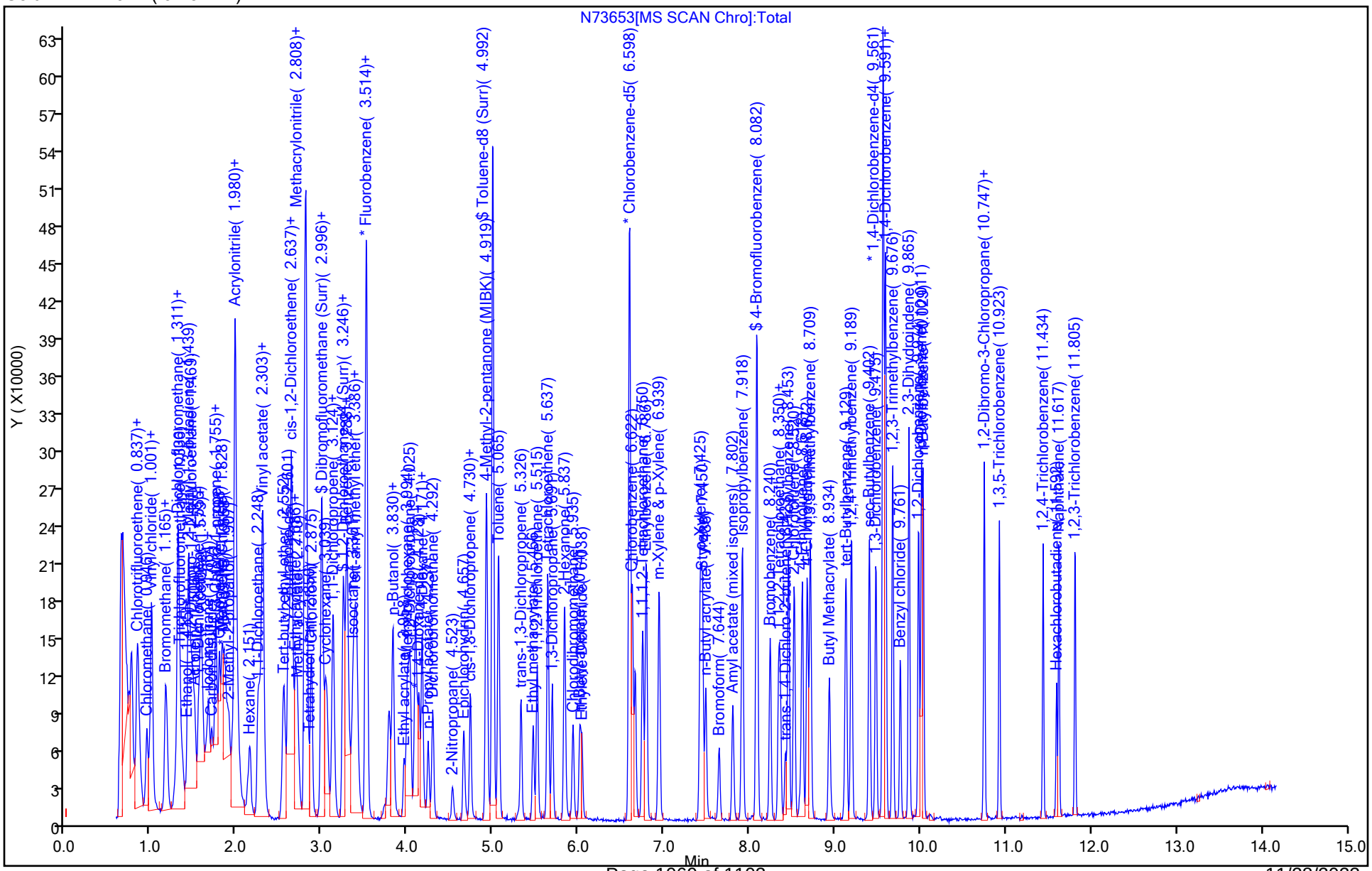
Report Date: 21-Nov-2023 13:56:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73653.D

Injection Date:	21-Nov-2023 01:38:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292871-A-5 MSD			Worklist Smp#:	17
Client ID:	A-02				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	33
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73653.D
Lims ID: 460-292871-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 21-Nov-2023 01:38:30 ALS Bottle#: 33 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292871-A-5 MSD
Misc. Info.: 460-0169153-017
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Nov-2023 13:56:22 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1660

First Level Reviewer: KG2Q Date: 21-Nov-2023 06:34:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	46.8	93.58
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	44.4	88.79
$ 84 Toluene-d8 (Surr)	50.0	51.4	102.71
$ 106 4-Bromofluorobenzene	50.0	55.3	110.53

Eurofins Edison

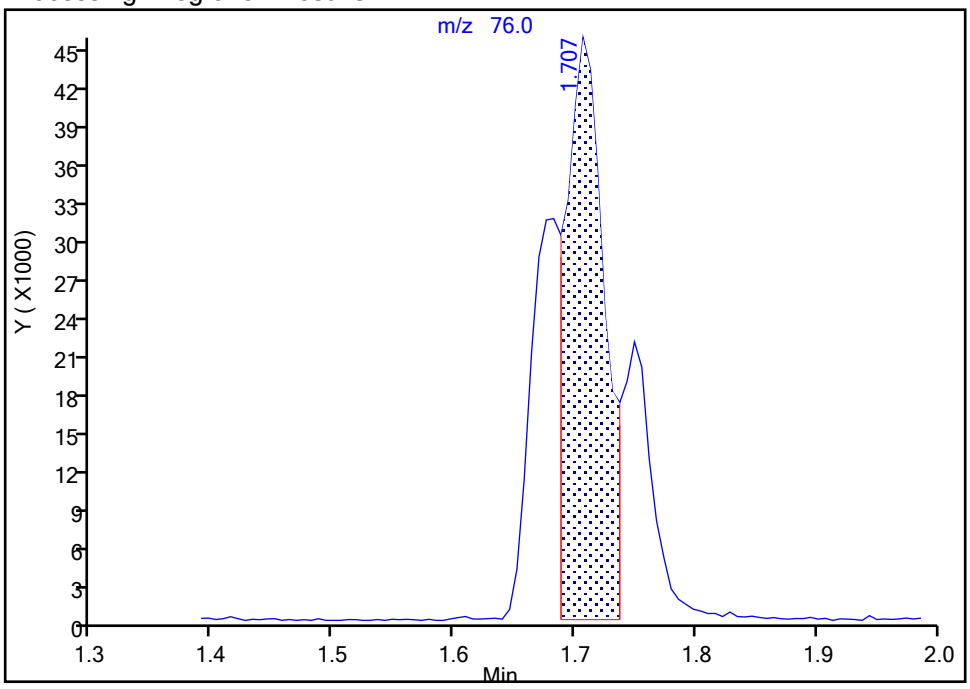
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231120-169153.b\N73653.D
Injection Date: 21-Nov-2023 01:38:30 Instrument ID: CVOAMS11
Lims ID: 460-292871-A-5 MSD
Client ID: A-02
Operator ID: ALS Bottle#: 33 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

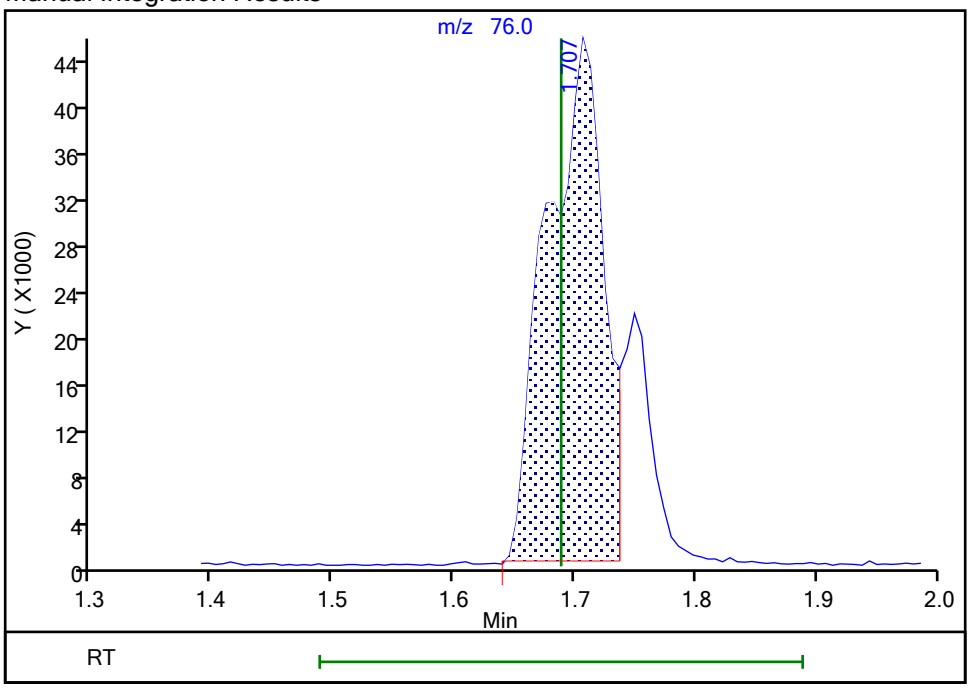
Processing Integration Results

RT: 1.71
Area: 105044
Amount: 10.072866
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 150209
Amount: 14.403822
Amount Units: ug/l



Reviewer: XE5L, 21-Nov-2023 13:55:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-292871-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-292722-A-12 MSD

Matrix: Water | Lab File ID: N73682.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2023 15:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 945897 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.9		1.0	0.20
75-34-3	1,1-Dichloroethane	20.1		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
107-06-2	1,2-Dichloroethane	18.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
591-78-6	2-Hexanone	89.9		5.0	1.1
67-64-1	Acetone	83.5		5.0	4.4
71-43-2	Benzene	21.1		1.0	0.20
75-27-4	Bromodichloromethane	18.6		1.0	0.34
75-25-2	Bromoform	19.3		1.0	0.54
74-83-9	Bromomethane	13.4		1.0	0.55
75-15-0	Carbon disulfide	18.8		1.0	0.82
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.7		1.0	0.38
75-00-3	Chloroethane	15.5		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	14.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
124-48-1	Dibromochloromethane	19.1		1.0	0.28
100-41-4	Ethylbenzene	19.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	94.7		5.0	1.9
108-10-1	methyl isobutyl ketone	94.4		5.0	1.3
75-09-2	Methylene Chloride	20.2		1.0	0.32
100-42-5	Styrene	18.8		1.0	0.42
127-18-4	Tetrachloroethene	19.2		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.22
79-01-6	Trichloroethene	49.9		1.0	0.31
75-01-4	Vinyl chloride	15.6		1.0	0.17
1330-20-7	Xylenes, Total	35.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-292722-A-12 MSD

Matrix: Water Lab File ID: N73682.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2023 15:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 945897 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73682.D
Lims ID: 460-292722-A-12 MSD
Client ID: MW91-111423-1306-26
Sample Type: MSD
Inject. Date: 21-Nov-2023 15:01:30 ALS Bottle#: 39 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292722-A-12 MSD
Misc. Info.: 460-0169172-023
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 15:41:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.825	0.831	-0.006	92	26166	20.0	32.1	
6 Chlorodifluoromethane	51	0.843	0.843	0.000	96	145885	20.0	24.2	
5 Dichlorodifluoromethane	85	0.849	0.849	0.000	95	67495	20.0	16.0	
7 Chloromethane	52	0.946	0.953	-0.006	99	18532	20.0	14.9	
8 Vinyl chloride	62	0.995	0.995	0.000	98	59500	20.0	15.6	
9 Butadiene	54	1.013	1.013	0.000	96	49703	20.0	14.9	
10 Bromomethane	94	1.171	1.172	-0.001	99	45725	20.0	13.4	
11 Chloroethane	64	1.184	1.184	0.000	98	36033	20.0	15.5	
12 Dichlorofluoromethane	67	1.311	1.311	0.000	98	136305	20.0	20.1	
14 Pentane	72	1.317	1.318	-0.001	98	15246	40.0	31.8	
13 Trichlorofluoromethane	101	1.336	1.336	0.000	97	83188	20.0	16.8	M
15 Ethanol	46	1.427	1.427	0.000	63	6678	800.0	643.2	
16 Ethyl ether	74	1.427	1.433	-0.006	97	31135	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	1.439	1.445	-0.006	93	42047	20.0	19.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	117	1.463	1.476	-0.013	94	59216	20.0	20.5	
20 Acrolein	56	1.506	1.506	0.000	57	16073	40.0	35.0	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.506	1.506	0.000	94	100240	20.0	22.2	a
22 1,1-Dichloroethene	96	1.555	1.561	-0.006	96	56600	20.0	19.5	
23 Acetone	58	1.585	1.585	0.000	88	24748	100.0	83.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.585	1.591	-0.006	89	69945	20.0	21.9	
24 Iodomethane	142	1.646	1.652	-0.006	96	109623	20.0	18.8	
25 Isopropyl alcohol	45	1.670	1.676	-0.006	33	34743	200.0	242.7	
26 Carbon disulfide	76	1.713	1.713	0.000	98	208088	20.0	18.8	M
30 Acetonitrile	39	1.755	1.756	-0.001	76	49783	200.0	164.4	
27 3-Chloro-1-propene	76	1.749	1.756	-0.007	94	49031	20.0	21.2	
28 Methyl acetate	74	1.774	1.774	0.000	98	18163	40.0	31.4	
29 Cyclopentene	67	1.798	1.804	-0.006	95	104594	20.0	19.0	
32 Methylene Chloride	84	1.828	1.835	-0.007	90	67591	20.0	20.2	
* 31 TBA-d9 (IS)	46	1.865	1.877	-0.012	100	86798	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.926	1.926	0.000	91	61046	200.0	176.2	a
36 Acrylonitrile	53	1.974	1.981	-0.007	98	213972	200.0	211.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 trans-1,2-Dichloroethene	96	1.987	1.987	0.000	94	57282	20.0	19.9	
34 Methyl tert-butyl ether	73	1.993	1.999	-0.006	78	154535	20.0	19.1	
37 Hexane	56	2.157	2.151	0.006	91	25526	20.0	18.8	
39 1,1-Dichloroethane	63	2.248	2.248	0.000	100	98025	20.0	20.1	
40 Vinyl acetate	86	2.272	2.297	-0.025	99	17825	40.0	37.2	
38 Isopropyl ether	45	2.303	2.309	-0.006	84	148297	20.0	20.1	
41 2-Chloro-1,3-butadiene	88	2.309	2.309	0.000	82	45274	20.0	18.7	
42 Tert-butyl ethyl ether	59	2.546	2.552	-0.006	92	155896	20.0	21.2	
* 43 2-Butanone-d5	46	2.601	2.601	0.000	100	239052	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.638	2.644	-0.006	99	67350	20.0	21.2	
46 2-Butanone (MEK)	72	2.644	2.650	-0.006	90	29989	100.0	94.7	
44 2,2-Dichloropropane	79	2.638	2.656	-0.018	52	25480	20.0	17.6	
47 Ethyl acetate	70	2.692	2.686	0.006	99	9827	40.0	40.3	
49 Propionitrile	54	2.704	2.711	-0.007	78	77815	200.0	187.5	
48 Methyl acrylate	55	2.711	2.711	-0.001	97	50899	20.0	19.1	
52 Methacrylonitrile	67	2.802	2.808	-0.006	88	209838	200.0	207.0	
51 Chlorobromomethane	128	2.808	2.814	-0.006	86	30875	20.0	18.8	
50 Tetrahydrofuran	72	2.844	2.845	0.000	90	13385	40.0	39.2	
53 Chloroform	83	2.875	2.881	-0.006	100	94120	20.0	20.2	
$ 56 Dibromofluoromethane (Surr)	113	2.990	2.997	-0.007	96	117825	50.0	44.2	
55 1,1,1-Trichloroethane	97	3.003	3.015	-0.012	98	83906	20.0	19.1	
54 Cyclohexane	84	3.045	3.057	-0.012	89	77677	20.0	19.8	
58 1,1-Dichloropropene	75	3.124	3.130	-0.006	98	60981	20.0	18.5	
57 Carbon tetrachloride	117	3.130	3.137	-0.006	94	70026	20.0	18.7	
$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.246	3.246	0.000	0	109373	50.0	42.0	
59 Isobutyl alcohol	43	3.252	3.270	-0.018	98	44281	500.0	490.8	a
61 Benzene	78	3.282	3.289	-0.007	95	192865	20.0	21.1	
65 1,2-Dichloroethane	62	3.307	3.307	0.000	97	59957	20.0	18.9	
60 Isooctane	57	3.361	3.362	-0.001	86	101003	20.0	19.8	
64 Isopropyl acetate	61	3.380	3.380	0.000	86	16159	20.0	18.5	a
63 Tert-amyl methyl ether	73	3.398	3.404	-0.006	99	151953	20.0	19.4	
66 n-Heptane	43	3.520	3.514	0.006	41	32101	20.0	18.1	
* 67 Fluorobenzene	96	3.514	3.520	-0.006	99	423944	50.0	50.0	
68 n-Butanol	56	3.824	3.824	0.000	28	24562	500.0	414.1	a
69 Trichloroethene	95	3.830	3.830	0.000	99	122690	20.0	49.9	
70 Ethyl acrylate	99	3.958	3.964	-0.006	97	3638	20.0	20.8	
71 Methylcyclohexane	83	4.000	4.000	0.000	91	75497	20.0	19.6	a
72 1,2-Dichloropropane	63	4.025	4.031	-0.006	95	47519	20.0	19.5	
* 73 1,4-Dioxane-d8	96	4.122	4.122	0.000	68	26646	1000.0	1000.0	
76 Dibromomethane	93	4.134	4.128	0.006	94	30710	20.0	18.6	
75 1,4-Dioxane	88	4.164	4.171	-0.007	32	11897	400.0	391.6	
74 Methyl methacrylate	100	4.171	4.171	0.000	87	21252	40.0	35.5	
77 n-Propyl acetate	43	4.237	4.244	-0.007	98	49787	20.0	19.9	
78 Dichlorobromomethane	83	4.292	4.292	0.000	99	57120	20.0	18.6	
79 2-Nitropropane	41	4.523	4.524	-0.001	98	16195	40.0	30.7	
81 Epichlorohydrin	57	4.657	4.657	0.000	99	50004	400.0	243.5	
82 cis-1,3-Dichloropropene	75	4.736	4.730	0.006	90	61405	20.0	19.2	
83 4-Methyl-2-pentanone (MIBK)	43	4.919	4.925	-0.006	96	185998	100.0	94.4	
$ 84 Toluene-d8 (Surr)	98	4.998	4.998	0.000	99	379917	50.0	49.5	
85 Toluene	91	5.065	5.065	0.000	93	176470	20.0	19.9	
86 trans-1,3-Dichloropropene	75	5.326	5.327	-0.001	93	55957	20.0	20.0	
87 Ethyl methacrylate	69	5.466	5.467	-0.001	87	40965	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 1,1,2-Trichloroethane	83	5.515	5.515	0.000	97	36346	20.0	21.9	
89 Tetrachloroethene	166	5.643	5.643	0.000	96	40517	20.0	19.2	
90 1,3-Dichloropropane	76	5.691	5.692	-0.001	91	64262	20.0	20.6	
91 2-Hexanone	58	5.837	5.838	-0.001	96	64747	100.0	89.9	
93 Chlorodibromomethane	129	5.935	5.935	0.000	97	39979	20.0	19.1	
92 n-Butyl acetate	43	6.014	6.014	0.000	98	47843	20.0	20.8	
94 Ethylene Dibromide	107	6.038	6.038	0.000	97	42393	20.0	20.9	
* 95 Chlorobenzene-d5	117	6.598	6.598	0.000	84	300355	50.0	50.0	
96 Chlorobenzene	112	6.628	6.628	0.000	96	111744	20.0	19.7	
98 1,1,1,2-Tetrachloroethane	131	6.750	6.750	0.000	96	45966	20.0	18.5	
97 Ethylbenzene	106	6.793	6.793	0.000	98	55877	20.0	19.6	
99 m-Xylene & p-Xylene	106	6.945	6.939	0.006	0	64376	20.0	18.8	
100 o-Xylene	106	7.425	7.425	0.000	94	60168	20.0	16.8	
102 Styrene	104	7.450	7.450	0.000	96	100981	20.0	18.8	
101 n-Butyl acrylate	73	7.486	7.486	0.000	97	27756	20.0	21.5	
104 Bromoform	173	7.644	7.644	0.000	95	26901	20.0	19.3	
103 Amyl acetate (mixed isomers)	43	7.802	7.803	-0.001	93	49299	20.0	19.0	
105 Isopropylbenzene	105	7.918	7.918	0.000	96	170448	20.0	18.7	
$ 106 4-Bromofluorobenzene	174	8.088	8.089	-0.001	91	118251	50.0	54.8	
107 Bromobenzene	156	8.240	8.241	-0.001	98	47104	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	8.338	8.338	0.000	99	60871	20.0	21.7	
110 1,2,3-Trichloropropane	110	8.362	8.362	0.000	99	15624	20.0	20.3	
111 trans-1,4-Dichloro-2-butene	53	8.417	8.417	0.000	91	11456	20.0	18.1	
109 N-Propylbenzene	91	8.453	8.454	-0.001	99	202231	20.0	19.6	
112 2-Chlorotoluene	91	8.520	8.520	0.000	96	128474	20.0	20.5	
113 4-Ethyltoluene	105	8.618	8.618	0.000	99	152769	20.0	19.1	
115 4-Chlorotoluene	91	8.679	8.673	0.005	96	127799	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	8.709	8.709	0.000	93	144862	20.0	19.5	
116 Butyl Methacrylate	87	8.934	8.934	0.000	90	37728	20.0	16.0	
117 tert-Butylbenzene	119	9.129	9.129	0.000	93	106455	20.0	17.9	
118 1,2,4-Trimethylbenzene	105	9.190	9.190	0.000	97	142314	20.0	19.0	
119 sec-Butylbenzene	105	9.402	9.403	-0.001	99	169008	20.0	19.1	
120 1,3-Dichlorobenzene	146	9.482	9.482	0.000	96	87714	20.0	20.0	
* 122 1,4-Dichlorobenzene-d4	152	9.561	9.561	0.000	96	162875	50.0	50.0	
121 4-Isopropyltoluene	119	9.591	9.591	0.000	98	146364	20.0	18.9	
123 1,4-Dichlorobenzene	146	9.585	9.591	-0.006	97	91045	20.0	19.9	
124 1,2,3-Trimethylbenzene	105	9.676	9.676	0.000	98	158594	20.0	18.9	
125 Benzyl chloride	126	9.761	9.762	-0.001	99	15672	20.0	16.3	
126 2,3-Dihydroindene	117	9.865	9.865	0.000	93	153508	20.0	19.8	
129 1,2-Dichlorobenzene	146	9.980	9.981	-0.001	97	90086	20.0	19.7	
127 p-Diethylbenzene	119	10.011	10.011	0.000	92	81953	20.0	19.0	
128 n-Butylbenzene	92	10.029	10.029	0.000	97	78813	20.0	21.0	
131 1,2-Dibromo-3-Chloropropane	157	10.741	10.741	0.000	92	11095	20.0	17.7	
130 1,2,4,5-Tetramethylbenzene	119	10.747	10.747	0.000	97	104675	20.0	12.9	
132 1,3,5-Trichlorobenzene	180	10.923	10.923	0.000	97	58818	20.0	18.3	
133 1,2,4-Trichlorobenzene	180	11.434	11.435	0.000	94	48791	20.0	17.7	
134 Hexachlorobutadiene	225	11.593	11.593	0.000	87	14600	20.0	17.0	
135 Naphthalene	128	11.617	11.617	0.000	99	126103	20.0	18.3	
136 1,2,3-Trichlorobenzene	180	11.812	11.812	0.000	95	48948	20.0	18.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 138 Xylenes, Total	100				0		40.0	35.6	
S 139 Total BTEX	1				0		100.0	96.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00557	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00179	Amount Added:	20.00	Units: uL	
524FREONS_00011	Amount Added:	20.00	Units: uL	
ACROLEIN W_00162	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00241	Amount Added:	1.00	Units: uL	Run Reagent

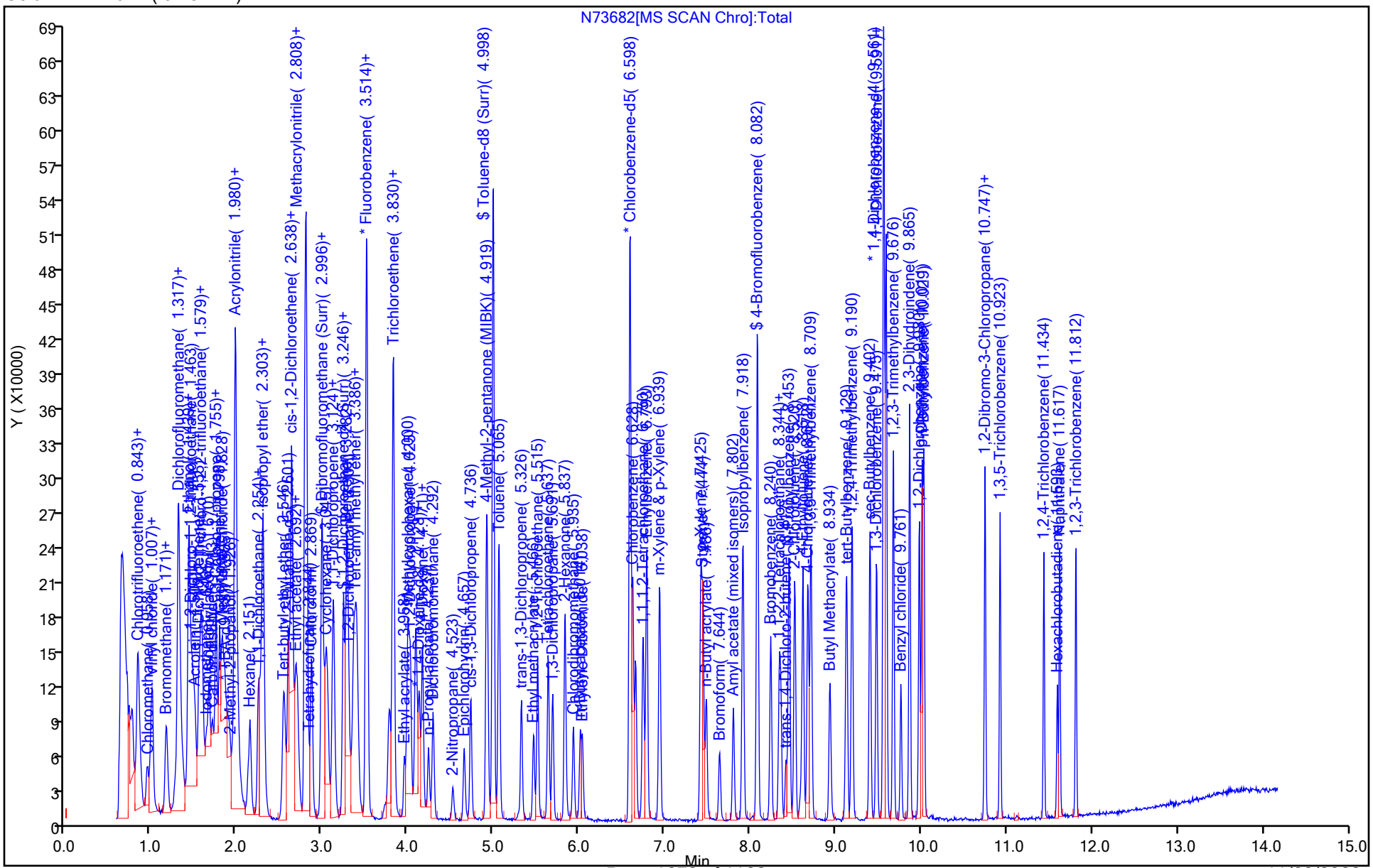
Report Date: 22-Nov-2023 12:38:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73682.D

Injection Date:	21-Nov-2023 15:01:30	Instrument ID:	CVOAMS11	Operator ID:	
Lims ID:	460-292722-A-12 MSD			Worklist Smp#:	23
Client ID:	MW91-111423-1306-26				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	39
Method:	8260W_11	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



11/28/2023
7:43 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73682.D
Lims ID: 460-292722-A-12 MSD
Client ID: MW91-111423-1306-26
Sample Type: MSD
Inject. Date: 21-Nov-2023 15:01:30 ALS Bottle#: 39 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-292722-A-12 MSD
Misc. Info.: 460-0169172-023
Operator ID: Instrument ID: CVOAMS11

Method: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Nov-2023 12:38:27 Calib Date: 31-Oct-2023 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20231031-168175.b\N72825.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: C1JX Date: 21-Nov-2023 15:41:50

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	44.2	88.47
$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	42.0	84.01
$ 84 Toluene-d8 (Surr)	50.0	49.5	98.92
$ 106 4-Bromofluorobenzene	50.0	54.8	109.69

Eurofins Edison

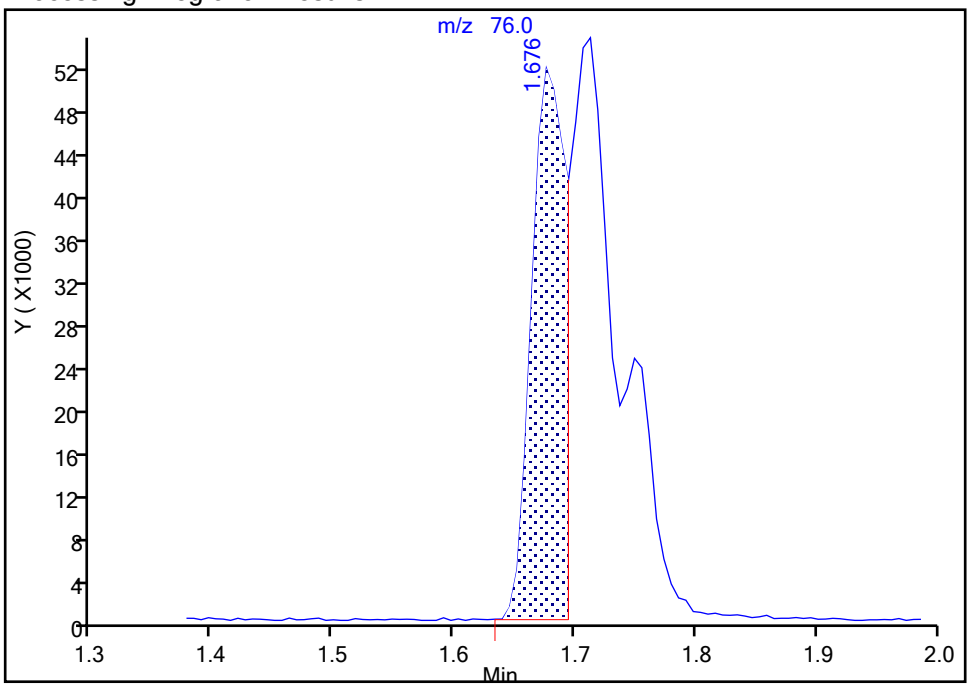
Data File: \\chromfs\Edison\ChromData\CVOAMS11\20231121-169172.b\N73682.D
Injection Date: 21-Nov-2023 15:01:30 Instrument ID: CVOAMS11
Lims ID: 460-292722-A-12 MSD
Client ID: MW91-111423-1306-26
Operator ID: ALS Bottle#: 39 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_11 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Carbon disulfide, CAS: 75-15-0

Signal: 1

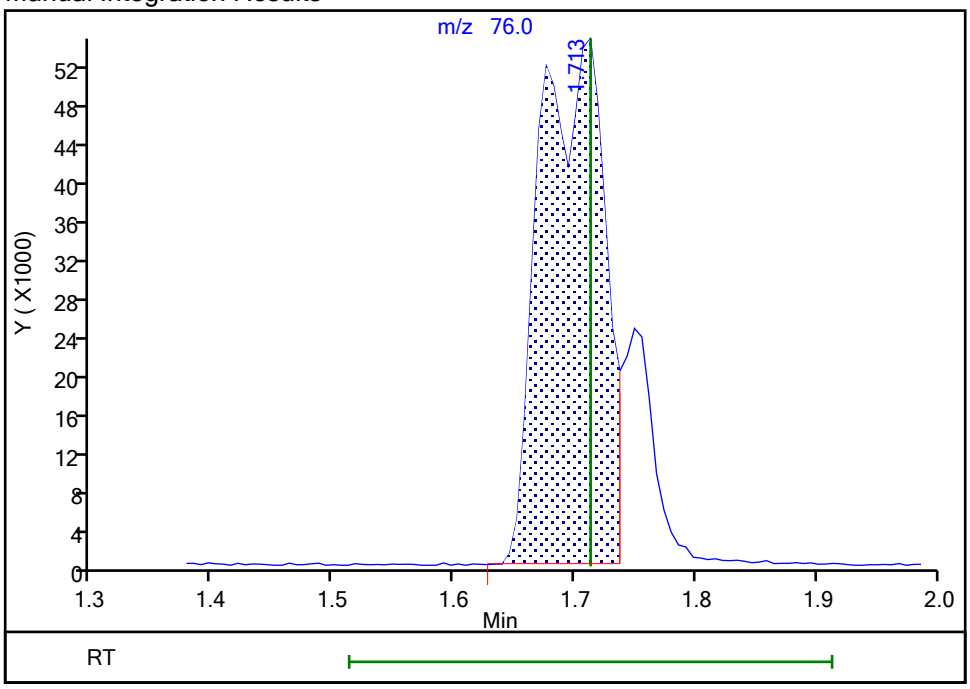
Processing Integration Results

RT: 1.68
Area: 104267
Amount: 9.413282
Amount Units: ug/l



Manual Integration Results

RT: 1.71
Area: 208088
Amount: 18.786299
Amount Units: ug/l



Reviewer: XE5L, 22-Nov-2023 12:37:23 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 10/31/2023 02:51

Analysis Batch Number: 941666 End Date: 10/31/2023 18:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-941666/1		10/31/2023 02:51	1	N72802.D	Rtx-624 0.25(mm)
STD7 460-941666/3 IC		10/31/2023 03:38	1	N72804.D	Rtx-624 0.25(mm)
STD1 460-941666/4 IC		10/31/2023 04:01	1	N72805.D	Rtx-624 0.25(mm)
STD5 460-941666/5 IC		10/31/2023 04:25	1	N72806.D	Rtx-624 0.25(mm)
STD20 460-941666/6 ICIS		10/31/2023 04:48	1	N72807.D	Rtx-624 0.25(mm)
STD50 460-941666/7 IC		10/31/2023 05:11	1	N72808.D	Rtx-624 0.25(mm)
STD200 460-941666/23 IC		10/31/2023 13:26	1	N72824.D	Rtx-624 0.25(mm)
STD500 460-941666/24 IC		10/31/2023 13:49	1	N72825.D	Rtx-624 0.25(mm)
ICV 460-941666/31		10/31/2023 18:16	1	N72832.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 11/20/2023 19:31

Analysis Batch Number: 945808 End Date: 11/21/2023 03:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-945808/2		11/20/2023 19:31	1	N73638.D	Rtx-624 0.25(mm)
LCS 460-945808/4		11/20/2023 20:19	1	N73640.D	Rtx-624 0.25(mm)
LCSD 460-945808/5		11/20/2023 20:42	1	N73641.D	Rtx-624 0.25(mm)
MB 460-945808/9		11/20/2023 22:29	1	N73645.D	Rtx-624 0.25(mm)
460-292871-13	FB1108	11/20/2023 22:52	1	N73646.D	Rtx-624 0.25(mm)
460-292871-14	Trip Blank	11/20/2023 23:15	1	N73647.D	Rtx-624 0.25(mm)
ZZZZZ		11/20/2023 23:39	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 00:03	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 00:26	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 00:50	20		Rtx-624 0.25(mm)
460-292871-5 MS	A-02 MS	11/21/2023 01:14	1	N73652.D	Rtx-624 0.25(mm)
460-292871-5 MSD	A-02 MSD	11/21/2023 01:38	1	N73653.D	Rtx-624 0.25(mm)
460-292871-5	A-02	11/21/2023 02:49	1	N73656.D	Rtx-624 0.25(mm)
460-292871-1	A-15	11/21/2023 03:12	1	N73657.D	Rtx-624 0.25(mm)
460-292871-2	ME-8	11/21/2023 03:36	1	N73658.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 11/21/2023 07:30

Analysis Batch Number: 945897 End Date: 11/21/2023 18:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-945897/5		11/21/2023 07:30	1	N73664.D	Rtx-624 0.25(mm)
LCS 460-945897/6		11/21/2023 07:54	1	N73665.D	Rtx-624 0.25(mm)
MB 460-945897/10		11/21/2023 09:29	1	N73669.D	Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 09:53	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 10:16	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 10:40	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 11:03	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 11:50	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 12:13	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 12:37	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 13:01	1		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 13:25	5		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 13:49	10		Rtx-624 0.25(mm)
ZZZZZ		11/21/2023 14:13	100		Rtx-624 0.25(mm)
460-292722-D-12 MS		11/21/2023 14:37	1	N73681.D	Rtx-624 0.25(mm)
460-292722-A-12 MSD		11/21/2023 15:01	1	N73682.D	Rtx-624 0.25(mm)
460-292871-4	MW-113	11/21/2023 16:12	1	N73685.D	Rtx-624 0.25(mm)
460-292871-9	A-07	11/21/2023 17:40	1	N73688.D	Rtx-624 0.25(mm)
460-292871-10	A-05	11/21/2023 18:04	1	N73689.D	Rtx-624 0.25(mm)
460-292871-11	A-09	11/21/2023 18:28	1	N73690.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS11 Start Date: 11/22/2023 07:40

Analysis Batch Number: 946160 End Date: 11/22/2023 15:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-946160/4		11/22/2023 07:40	1	N73716.D	Rtx-624 0.25(mm)
LCS 460-946160/5		11/22/2023 08:04	1	N73717.D	Rtx-624 0.25(mm)
LCSD 460-946160/6		11/22/2023 08:28	1	N73718.D	Rtx-624 0.25(mm)
MB 460-946160/9		11/22/2023 09:39	1	N73721.D	Rtx-624 0.25(mm)
460-292871-3	ME-13	11/22/2023 12:20	1	N73727.D	Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 13:08	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 13:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 13:57	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 14:21	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 14:45	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 15:08	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 15:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 15:56	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/23/2023 02:46

Analysis Batch Number: 933881 End Date: 09/23/2023 14:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-933881/1		09/23/2023 02:46	1	P198032A.D	Rtx-624 0.25(mm)
STD7 460-933881/3 IC		09/23/2023 03:34	1	P198034.D	Rtx-624 0.25(mm)
STD1 460-933881/4 IC		09/23/2023 04:00	1	P198035.D	Rtx-624 0.25(mm)
STD20 460-933881/6 ICIS		09/23/2023 04:52	1	P198037.D	Rtx-624 0.25(mm)
STD50 460-933881/7 IC		09/23/2023 05:18	1	P198038.D	Rtx-624 0.25(mm)
STD200 460-933881/8 IC		09/23/2023 05:44	1	P198039.D	Rtx-624 0.25(mm)
STD500 460-933881/9 IC		09/23/2023 06:10	1	P198040.D	Rtx-624 0.25(mm)
STD5 460-933881/20 IC		09/23/2023 13:58	1	P198051.D	Rtx-624 0.25(mm)
ICV 460-933881/21		09/23/2023 14:24	1	P198052.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 11/21/2023 19:04

Analysis Batch Number: 946046 End Date: 11/22/2023 06:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-946046/2		11/21/2023 19:04	1	P22077.D	Rtx-624 0.25(mm)
LCS 460-946046/3		11/21/2023 19:30	1	P22078.D	Rtx-624 0.25(mm)
LCSD 460-946046/4		11/21/2023 19:56	1	P22079.D	Rtx-624 0.25(mm)
MB 460-946046/9		11/21/2023 22:07	1	P22084.D	Rtx-624 0.25(mm)
460-292871-12	A-10	11/21/2023 22:33	1	P22085.D	Rtx-624 0.25(mm)
460-292871-6	A-06	11/21/2023 23:26	1	P22087.D	Rtx-624 0.25(mm)
460-292871-7	A-066	11/21/2023 23:52	1	P22088.D	Rtx-624 0.25(mm)
460-292871-8	A-08	11/22/2023 00:18	2	P22089.D	Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 00:44	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 01:10	2		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 02:55	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 03:47	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 04:13	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 05:06	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 05:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 05:58	1		Rtx-624 0.25(mm)
ZZZZZ		11/22/2023 06:51	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 933881 Batch Start Date: 09/23/23 02:46 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00160	524FREONS 00008	7 Freons Hi 00006	7 Freons SS 00005
BFB 460-933881/1		8260D		5 mL	5 mL				
STD7 460-933881/3 IC		8260D		5 mL	5 mL				
STD1 460-933881/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD20 460-933881/6 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-933881/7 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-933881/8 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-933881/9 IC		8260D		5 mL	5 mL			50 uL	
STD5 460-933881/20 IC		8260D		5 mL	5 mL		10 uL		
ICV 460-933881/21		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00170	8260ISNEW 00155	8260MIX1COMB 00176	8260SURR250 00241	ACROLEIN SP 00156	ACROLEIN W 00159
BFB 460-933881/1		8260D							
STD7 460-933881/3 IC		8260D			1 uL		1 uL		
STD1 460-933881/4 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD20 460-933881/6 ICIS		8260D			1 uL	20 uL	1 uL		4 uL
STD50 460-933881/7 IC		8260D			1 uL	50 uL	1 uL		10 uL
STD200 460-933881/8 IC		8260D			1 uL		1 uL		20 uL
STD500 460-933881/9 IC		8260D			1 uL		1 uL		40 uL
STD5 460-933881/20 IC		8260D			1 uL	10 uL	1 uL		4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 933881 Batch Start Date: 09/23/23 02:46 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00170	8260ISNEW 00155	8260MIX1COMB 00176	8260SURR250 00241	ACROLEIN SP 00156	ACROLEIN W 00159
ICV 460-933881/21		8260D		20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00116	BFB 00034	Ethanol mix 00081	EthhexAcr_SS 00003	EthyhexAcr_Hi 00003	EthyhexAcr_Li 00004
BFB 460-933881/1		8260D			1 uL				
STD7 460-933881/3 IC		8260D		20 uL					
STD1 460-933881/4 IC		8260D							10 uL
STD20 460-933881/6 ICIS		8260D							20 uL
STD50 460-933881/7 IC		8260D							50 uL
STD200 460-933881/8 IC		8260D				20 uL		20 uL	
STD500 460-933881/9 IC		8260D				50 uL		50 uL	
STD5 460-933881/20 IC		8260D							10 uL
ICV 460-933881/21		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00533	GAS Hi 00452	GASES Li 00549	MIX 2 Hi 00140	MIX I Hi 00168	VMTBA500 00037
BFB 460-933881/1		8260D							
STD7 460-933881/3 IC		8260D				2.5 uL			2 uL
STD1 460-933881/4 IC		8260D				10 uL			
STD20 460-933881/6 ICIS		8260D				20 uL			
STD50 460-933881/7 IC		8260D				50 uL			
STD200 460-933881/8 IC		8260D			20 uL		20 uL	20 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 933881 Batch Start Date: 09/23/23 02:46 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00533	GAS Hi 00452	GASES Li 00549	MIX 2 Hi 00140	MIX I Hi 00168	VMTBA500 00037
STD500 460-933881/9 IC		8260D			50 uL		50 uL	50 uL	
STD5 460-933881/20 IC		8260D				10 uL			
ICV 460-933881/21		8260D		20 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 941666 Batch Start Date: 10/31/23 02:51 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00162	524FREONS 00009	7 Freons Hi 00007	7 Freons SS 00007
BFB 460-941666/1		8260D		5 mL	5 mL				
STD7 460-941666/3 IC		8260D		5 mL	5 mL				
STD1 460-941666/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		
STD5 460-941666/5 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-941666/6 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-941666/7 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-941666/23 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-941666/24 IC		8260D		5 mL	5 mL			50 uL	
ICV 460-941666/31		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260ISNEW 00171	8260MIX1COMB 00178	8260SURR250 00241	ACROLEIN SP 00158	ACROLEIN W 00161
BFB 460-941666/1		8260D							
STD7 460-941666/3 IC		8260D			1 uL		1 uL		
STD1 460-941666/4 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD5 460-941666/5 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD20 460-941666/6 ICIS		8260D			1 uL	20 uL	1 uL		4 uL
STD50 460-941666/7 IC		8260D			1 uL	50 uL	1 uL		10 uL
STD200 460-941666/23 IC		8260D			1 uL	200 uL	1 uL		20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 941666 Batch Start Date: 10/31/23 02:51 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00171	8260ISNEW 00171	8260MIX1COMB 00178	8260SURR250 00241	ACROLEIN SP 00158	ACROLEIN W 00161
STD500 460-941666/24 IC		8260D			1 uL		1 uL		40 uL
ICV 460-941666/31		8260D		20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00118	BFB 00034	Ethanol mix 00082	EthhexAcr_SS 00004	EthyhexAcr_Hi 00004	EthyhexAcr_Li 00005
BFB 460-941666/1		8260D			1 uL				
STD7 460-941666/3 IC		8260D		20 uL					
STD1 460-941666/4 IC		8260D							10 uL
STD5 460-941666/5 IC		8260D							10 uL
STD20 460-941666/6 ICIS		8260D							20 uL
STD50 460-941666/7 IC		8260D							50 uL
STD200 460-941666/23 IC		8260D						20 uL	
STD500 460-941666/24 IC		8260D				50 uL		50 uL	
ICV 460-941666/31		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00538	GAS Hi 00454	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041
BFB 460-941666/1		8260D							
STD7 460-941666/3 IC		8260D				2.5 uL			2 uL
STD1 460-941666/4 IC		8260D				10 uL			
STD5 460-941666/5 IC		8260D				10 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 941666 Batch Start Date: 10/31/23 02:51 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00538	GAS Hi 00454	GASES Li 00554	MIX 2 Hi 00141	MIX I Hi 00169	VMTBA500 00041
STD20 460-941666/6 ICIS		8260D				20 uL			
STD50 460-941666/7 IC		8260D				50 uL			
STD200 460-941666/23 IC		8260D			20 uL				
STD500 460-941666/24 IC		8260D			50 uL		50 uL	50 uL	
ICV 460-941666/31		8260D		20 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 945808 Batch Start Date: 11/20/23 19:31 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00011	8260ISNEW 00171	8260MIX1COMB 00179
CCVIS 460-945808/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-945808/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-945808/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-945808/9		8260D		5 mL	5 mL			1 uL	
460-292871-B-13	FB1108	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-B-14	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-A-5 MS	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-292871-A-5 MSD	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-292871-A-5	A-02	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-A-1	A-15	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-A-2	ME-8	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00241	ACROLEIN W 00162	GASES Li 00557			
CCVIS 460-945808/2		8260D		1 uL	4 uL	20 uL			
LCS 460-945808/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-945808/5		8260D		1 uL	4 uL	20 uL			
MB 460-945808/9		8260D		1 uL					
460-292871-B-13	FB1108	8260D	T	1 uL					
460-292871-B-14	Trip Blank	8260D	T	1 uL					
460-292871-A-5 MS	A-02	8260D	T	1 uL	4 uL	20 uL			
460-292871-A-5 MSD	A-02	8260D	T	1 uL	4 uL	20 uL			
460-292871-A-5	A-02	8260D	T	1 uL					
460-292871-A-1	A-15	8260D	T	1 uL					
460-292871-A-2	ME-8	8260D	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 945808 Batch Start Date: 11/20/23 19:31 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 945897 Batch Start Date: 11/21/23 07:30 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00011	8260ISNEW 00171	8260MIX1COMB 00179
CCVIS 460-945897/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-945897/6		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-945897/10		8260D		5 mL	5 mL			1 uL	
460-292722-D-12 MS	MW91-111423-1306 -26	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-292722-A-12 MSD	MW91-111423-1306 -26	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-292871-A-4	MW-113	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-A-9	A-07	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-A-10	A-05	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-C-11	A-09	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00241	ACROLEIN W 00162	GASES Li 00557			
CCVIS 460-945897/5		8260D		1 uL	4 uL	20 uL			
LCS 460-945897/6		8260D		1 uL	4 uL	20 uL			
MB 460-945897/10		8260D		1 uL					
460-292722-D-12 MS	MW91-111423-1306 -26	8260D	T	1 uL	4 uL	20 uL			
460-292722-A-12 MSD	MW91-111423-1306 -26	8260D	T	1 uL	4 uL	20 uL			
460-292871-A-4	MW-113	8260D	T	1 uL					
460-292871-A-9	A-07	8260D	T	1 uL					
460-292871-A-10	A-05	8260D	T	1 uL					
460-292871-C-11	A-09	8260D	T	1 uL					

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 945897 Batch Start Date: 11/21/23 07:30 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 946046 Batch Start Date: 11/21/23 19:04 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00011	8260ISNEW 00155	8260MIX1COMB 00179
CCVIS 460-946046/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-946046/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-946046/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-946046/9		8260D		5 mL	5 mL			1 uL	
460-292871-B-12	A-10	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-B-6	A-06	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-B-7	A-066	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-292871-B-8	A-08	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00241	ACROLEIN W 00162	GASES Li 00558			
CCVIS 460-946046/2		8260D		1 uL	4 uL	20 uL			
LCS 460-946046/3		8260D		1 uL	4 uL	20 uL			
LCSD 460-946046/4		8260D		1 uL	4 uL	20 uL			
MB 460-946046/9		8260D		1 uL					
460-292871-B-12	A-10	8260D	T	1 uL					
460-292871-B-6	A-06	8260D	T	1 uL					
460-292871-B-7	A-066	8260D	T	1 uL					
460-292871-B-8	A-08	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Batch Number: 946160 Batch Start Date: 11/22/23 07:40 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00011	8260ISNEW 00171	8260MIX1COMB 00179
CCVIS 460-946160/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-946160/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-946160/6		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-946160/9		8260D		5 mL	5 mL			1 uL	
460-292871-C-3	ME-13	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00241	ACROLEIN W 00162	GASES Li 00558			
CCVIS 460-946160/4		8260D		1 uL	4 uL	20 uL			
LCS 460-946160/5		8260D		1 uL	4 uL	20 uL			
LCSD 460-946160/6		8260D		1 uL	4 uL	20 uL			
MB 460-946160/9		8260D		1 uL					
460-292871-C-3	ME-13	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

678264

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Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Caniem	Site Contact: Jake Stamm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b.caniem@fpmi-group.com	Lab Contact: Carin Fer s	Carrier:	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone: 631-737-6200	TAT if different from Below: STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 90-30 Metro Regency Centers	☐ 1 week			Job / SDG No. 292871
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
PO # 1066g-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
A-15	11/8/23	8 10	G	GW	3	N	N	X	
ME-8		8 50							
ME-13		9 30							
MW-113		10 16							
A-02		10 35			9		Y		* MS/MSD *
A-06		11 10			3		N		
A-066		11 12							
A-08		11 30							
A-07		12 15							
A-09		12 30							
A-09		12 55							
A-10		13 20							

460-292871 Chain of Custody

Preservation Used 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

* MS/MSD on A-02 *

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.	Cooler Temp (°C) Obs'd. _____ Corr'd. _____	Therm ID No. _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	FPM Group	11/8/23	Received by:		11/13/23
Relinquished by:		11/13/23	Received by:		11/13/23 1700
Relinquished by:		11/13/23 1700	Received in Laboratory by:	ETA	11-13-23 1805

11/8/2023 7:43 PM

18 19 20 21

Chain of Custody Record

678263

eurofins | Environment Testing America

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Canemi	Site Contact: Jake Stumm	Date	COC No:
Company Name: FPM Group	Tel/Email: b.canemi@fpm-group.com	Lab Contact: Carin Ferris	Carrier:	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 90-30 Metro Regency Center	☐ 1 week			Job / SDG No.: 29871
Site: 90-30 Metropolitan Ave, Queens, NY	☐ 2 days			
PO# 12666-19-07	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
FB1108	11/8/23	13 45	G	AQ	2	N	N	X	NYC 222
Trip Blank		13 50							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	FPM Group	11/8/23			11/13/ 1
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
		11/13/16			11/13 23 1
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
		111323 18		E TA	11-13-23 1800

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11/13/2023 7:13 PM

18 19 29

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 297871

Number of Coolers: _____ IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	18 °C	19 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s) adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date. _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials. Lmar Date 11 13 23

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-292871-1

Login Number: 292871
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 2/8/2024 1:36 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-297374-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

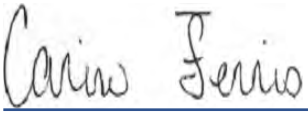
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
Carin A Ferris, Senior Project Manager
carin.ferris@et.eurofinsus.com

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-297374-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/1/2024 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-297374-1), ME-8 (460-297374-2), ME-13 (460-297374-3), MW-113 (460-297374-4), A-02 (460-297374-5), A-06 (460-297374-6), A-066 (460-297374-7), A-07 (460-297374-8), A-08 (460-297374-9), A-05 (460-297374-10), A-09 (460-297374-11), A-10 (460-297374-12), FB0131 (460-297374-13) and Trip Blank (460-297374-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/06/2024 and 02/07/2024.

Sample A-08 (460-297374-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-958087 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: A-09 (460-297374-11), A-10 (460-297374-12) and (CCVIS 460-958087/2).

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-297374-1	A-15	Water	01/31/24 08:10	02/01/24 18:00
460-297374-2	ME-8	Water	01/31/24 09:15	02/01/24 18:00
460-297374-3	ME-13	Water	01/31/24 09:40	02/01/24 18:00
460-297374-4	MW-113	Water	01/31/24 10:20	02/01/24 18:00
460-297374-5	A-02	Water	01/31/24 10:55	02/01/24 18:00
460-297374-6	A-06	Water	01/31/24 11:30	02/01/24 18:00
460-297374-7	A-066	Water	01/31/24 11:33	02/01/24 18:00
460-297374-8	A-07	Water	01/31/24 12:15	02/01/24 18:00
460-297374-9	A-08	Water	01/31/24 12:30	02/01/24 18:00
460-297374-10	A-05	Water	01/31/24 12:50	02/01/24 18:00
460-297374-11	A-09	Water	01/31/24 13:15	02/01/24 18:00
460-297374-12	A-10	Water	01/31/24 13:30	02/01/24 18:00
460-297374-13	FB0131	Water	01/31/24 14:00	02/01/24 18:00
460-297374-14	Trip Blank	Water	01/31/24 14:30	02/01/24 18:00

Client Sample ID: A-15 — Lab Sample ID: 460-297374-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.65	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	8.0		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: ME-8 — Lab Sample ID: 460-297374-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	160		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.34	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: ME-13 — Lab Sample ID: 460-297374-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	190		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.42	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: MW-113 — Lab Sample ID: 460-297374-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.98	J	1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-02 — Lab Sample ID: 460-297374-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-06 — Lab Sample ID: 460-297374-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	17		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.40	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	1.8		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	280		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.60	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-066 — Lab Sample ID: 460-297374-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.36	J	1.0	0.33	ug/L	1		8260D	Total/NA
Chloromethane	1.5		1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	350		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.68	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-07 — Lab Sample ID: 460-297374-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	11		1.0	0.25	ug/L	1		8260D	Total/NA

Client Sample ID: A-08 — Lab Sample ID: 460-297374-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	590		2.0	0.50	ug/L	2		8260D	Total/NA
Trichloroethene	1.1	J	2.0	0.63	ug/L	2		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-05
Lab Sample ID: 460-297374-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	130		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.40	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: A-09
Lab Sample ID: 460-297374-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.47	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	9.3		1.0	0.25	ug/L	1		8260D	Total/NA
Vinyl chloride	0.65	J	1.0	0.17	ug/L	1		8260D	Total/NA

Client Sample ID: A-10
Lab Sample ID: 460-297374-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.56	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	15		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.63	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: FB0131
Lab Sample ID: 460-297374-13

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 460-297374-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.3		1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: A-15
Lab Sample ID: 460-297374-1

Date Collected: 01/31/24 08:10
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 14:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 14:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 14:10	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 14:10	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 14:10	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 14:10	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 14:10	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 14:10	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 14:10	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 14:10	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 14:10	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 14:10	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 14:10	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 14:10	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 14:10	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 14:10	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 14:10	1
Chloroform	**0.65**	**J**	1.0	0.33	ug/L			02/06/24 14:10	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 14:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 14:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:10	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 14:10	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 14:10	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 14:10	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 14:10	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 14:10	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 14:10	1
Tetrachloroethene	**8.0**		1.0	0.25	ug/L			02/06/24 14:10	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 14:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 14:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:10	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 14:10	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 14:10	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/06/24 14:10*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*02/06/24 14:10*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*02/06/24 14:10*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*02/06/24 14:10*	*1*

Client Sample ID: ME-8
Lab Sample ID: 460-297374-2

Date Collected: 01/31/24 09:15
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 14:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 14:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 14:32	1

Client Sample ID: ME-8
Lab Sample ID: 460-297374-2

Date Collected: 01/31/24 09:15
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 14:32	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 14:32	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 14:32	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 14:32	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 14:32	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 14:32	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 14:32	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 14:32	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 14:32	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 14:32	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 14:32	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 14:32	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 14:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 14:32	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 14:32	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 14:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 14:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:32	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 14:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 14:32	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 14:32	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 14:32	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 14:32	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 14:32	1
Tetrachloroethene	**160**		1.0	0.25	ug/L			02/06/24 14:32	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 14:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 14:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:32	1
Trichloroethene	**0.34**	**J**	1.0	0.31	ug/L			02/06/24 14:32	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 14:32	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 128*		*02/06/24 14:32*	*1*
4-Bromofluorobenzene	*98*		*76 - 120*		*02/06/24 14:32*	*1*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*02/06/24 14:32*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*02/06/24 14:32*	*1*

Client Sample ID: ME-13
Lab Sample ID: 460-297374-3

Date Collected: 01/31/24 09:40
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 14:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 14:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 14:53	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 14:53	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 14:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 14:53	1

Client Sample ID: ME-13
Lab Sample ID: 460-297374-3

Date Collected: 01/31/24 09:40
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 14:53	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 14:53	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 14:53	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 14:53	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 14:53	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 14:53	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 14:53	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 14:53	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 14:53	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 14:53	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 14:53	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 14:53	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 14:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 14:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:53	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 14:53	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 14:53	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 14:53	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 14:53	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 14:53	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 14:53	1
Tetrachloroethene	**190**		1.0	0.25	ug/L			02/06/24 14:53	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 14:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 14:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 14:53	1
Trichloroethene	**0.42**	**J**	1.0	0.31	ug/L			02/06/24 14:53	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 14:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*02/06/24 14:53*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*02/06/24 14:53*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*02/06/24 14:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*02/06/24 14:53*	*1*

Client Sample ID: MW-113
Lab Sample ID: 460-297374-4

Date Collected: 01/31/24 10:20
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/07/24 13:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/07/24 13:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/07/24 13:30	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/07/24 13:30	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/07/24 13:30	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/07/24 13:30	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/07/24 13:30	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/07/24 13:30	1
Acetone	5.0	U	5.0	4.4	ug/L			02/07/24 13:30	1

Client Sample ID: MW-113
Lab Sample ID: 460-297374-4

Date Collected: 01/31/24 10:20
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			02/07/24 13:30	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/07/24 13:30	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/07/24 13:30	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/07/24 13:30	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/07/24 13:30	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/07/24 13:30	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/07/24 13:30	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/07/24 13:30	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/07/24 13:30	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/07/24 13:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/07/24 13:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 13:30	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/07/24 13:30	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/07/24 13:30	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/07/24 13:30	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/07/24 13:30	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/07/24 13:30	1
Styrene	1.0	U	1.0	0.42	ug/L			02/07/24 13:30	1
Tetrachloroethene	**0.98**	**J**	1.0	0.25	ug/L			02/07/24 13:30	1
Toluene	1.0	U	1.0	0.38	ug/L			02/07/24 13:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/07/24 13:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 13:30	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/07/24 13:30	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/07/24 13:30	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/07/24 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 128*		*02/07/24 13:30*	*1*
4-Bromofluorobenzene	*109*		*76 - 120*		*02/07/24 13:30*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 132*		*02/07/24 13:30*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*02/07/24 13:30*	*1*

Client Sample ID: A-02
Lab Sample ID: 460-297374-5

Date Collected: 01/31/24 10:55
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 13:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 13:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 13:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 13:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 13:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 13:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 13:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 13:49	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 13:49	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 13:49	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 13:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 13:49	1

Client Sample ID: A-02
Date Collected: 01/31/24 10:55
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 13:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 13:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 13:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 13:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 13:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 13:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 13:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 13:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:49	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 13:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 13:49	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 13:49	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 13:49	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 13:49	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 13:49	1
Tetrachloroethene	**11**		1.0	0.25	ug/L			02/06/24 13:49	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 13:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 13:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 13:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 13:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*02/06/24 13:49*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*02/06/24 13:49*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*02/06/24 13:49*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*02/06/24 13:49*	*1*

Client Sample ID: A-06
Date Collected: 01/31/24 11:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/07/24 13:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/07/24 13:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/07/24 13:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/07/24 13:51	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/07/24 13:51	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/07/24 13:51	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/07/24 13:51	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/07/24 13:51	1
Acetone	**17**		5.0	4.4	ug/L			02/07/24 13:51	1
Benzene	1.0	U	1.0	0.20	ug/L			02/07/24 13:51	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/07/24 13:51	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/07/24 13:51	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/07/24 13:51	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/07/24 13:51	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/07/24 13:51	1

Client Sample ID: A-06
Lab Sample ID: 460-297374-6

Date Collected: 01/31/24 11:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/07/24 13:51	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/07/24 13:51	1
Chloroform	**0.40**	**J**	1.0	0.33	ug/L			02/07/24 13:51	1
Chloromethane	**1.8**		1.0	0.40	ug/L			02/07/24 13:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/07/24 13:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 13:51	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/07/24 13:51	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/07/24 13:51	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/07/24 13:51	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/07/24 13:51	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/07/24 13:51	1
Styrene	1.0	U	1.0	0.42	ug/L			02/07/24 13:51	1
Tetrachloroethene	**280**		1.0	0.25	ug/L			02/07/24 13:51	1
Toluene	1.0	U	1.0	0.38	ug/L			02/07/24 13:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/07/24 13:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 13:51	1
Trichloroethene	**0.60**	**J**	1.0	0.31	ug/L			02/07/24 13:51	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/07/24 13:51	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/07/24 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 128*		*02/07/24 13:51*	*1*
4-Bromofluorobenzene	*115*		*76 - 120*		*02/07/24 13:51*	*1*
Dibromofluoromethane (Surr)	*111*		*77 - 132*		*02/07/24 13:51*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/07/24 13:51*	*1*

Client Sample ID: A-066
Lab Sample ID: 460-297374-7

Date Collected: 01/31/24 11:33
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/07/24 14:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/07/24 14:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/07/24 14:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/07/24 14:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/07/24 14:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/07/24 14:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/07/24 14:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/07/24 14:12	1
Acetone	**14**		5.0	4.4	ug/L			02/07/24 14:12	1
Benzene	1.0	U	1.0	0.20	ug/L			02/07/24 14:12	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/07/24 14:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/07/24 14:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/07/24 14:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/07/24 14:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/07/24 14:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/07/24 14:12	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/07/24 14:12	1
Chloroform	**0.36**	**J**	1.0	0.33	ug/L			02/07/24 14:12	1

Client Sample ID: A-066
Date Collected: 01/31/24 11:33
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	**1.5**		1.0	0.40	ug/L			02/07/24 14:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/07/24 14:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 14:12	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/07/24 14:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/07/24 14:12	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/07/24 14:12	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/07/24 14:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/07/24 14:12	1
Styrene	1.0	U	1.0	0.42	ug/L			02/07/24 14:12	1
Tetrachloroethene	**350**		1.0	0.25	ug/L			02/07/24 14:12	1
Toluene	1.0	U	1.0	0.38	ug/L			02/07/24 14:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/07/24 14:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 14:12	1
Trichloroethene	**0.68**	**J**	1.0	0.31	ug/L			02/07/24 14:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/07/24 14:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/07/24 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*		*02/07/24 14:12*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/07/24 14:12*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*02/07/24 14:12*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*02/07/24 14:12*	*1*

Client Sample ID: A-07
Date Collected: 01/31/24 12:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 16:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 16:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 16:18	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 16:18	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 16:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 16:18	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 16:18	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 16:18	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 16:18	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 16:18	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 16:18	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 16:18	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 16:18	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 16:18	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 16:18	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 16:18	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 16:18	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 16:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 16:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 16:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 16:18	1

Client Sample ID: A-07
Lab Sample ID: 460-297374-8

Date Collected: 01/31/24 12:15
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 16:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 16:18	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 16:18	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 16:18	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 16:18	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 16:18	1
Tetrachloroethene	**11**		1.0	0.25	ug/L			02/06/24 16:18	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 16:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 16:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 16:18	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 16:18	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 16:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 128*		*02/06/24 16:18*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*02/06/24 16:18*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*02/06/24 16:18*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/06/24 16:18*	*1*

Client Sample ID: A-08
Lab Sample ID: 460-297374-9

Date Collected: 01/31/24 12:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.0	U	2.0	0.48	ug/L			02/07/24 14:33	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73	ug/L			02/07/24 14:33	2
1,1,2-Trichloroethane	2.0	U	2.0	0.41	ug/L			02/07/24 14:33	2
1,1-Dichloroethane	2.0	U	2.0	0.53	ug/L			02/07/24 14:33	2
1,1-Dichloroethene	2.0	U	2.0	0.53	ug/L			02/07/24 14:33	2
1,2-Dichloroethane	2.0	U	2.0	0.86	ug/L			02/07/24 14:33	2
1,2-Dichloropropane	2.0	U	2.0	0.71	ug/L			02/07/24 14:33	2
2-Hexanone	10	U	10	2.3	ug/L			02/07/24 14:33	2
Acetone	10	U	10	8.8	ug/L			02/07/24 14:33	2
Benzene	2.0	U	2.0	0.41	ug/L			02/07/24 14:33	2
Bromodichloromethane	2.0	U	2.0	0.69	ug/L			02/07/24 14:33	2
Bromoform	2.0	U	2.0	1.1	ug/L			02/07/24 14:33	2
Bromomethane	2.0	U	2.0	1.1	ug/L			02/07/24 14:33	2
Carbon disulfide	2.0	U	2.0	1.6	ug/L			02/07/24 14:33	2
Carbon tetrachloride	2.0	U	2.0	0.42	ug/L			02/07/24 14:33	2
Chlorobenzene	2.0	U	2.0	0.75	ug/L			02/07/24 14:33	2
Chloroethane	2.0	U	2.0	0.64	ug/L			02/07/24 14:33	2
Chloroform	2.0	U	2.0	0.65	ug/L			02/07/24 14:33	2
Chloromethane	2.0	U	2.0	0.80	ug/L			02/07/24 14:33	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.44	ug/L			02/07/24 14:33	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.44	ug/L			02/07/24 14:33	2
Dibromochloromethane	2.0	U	2.0	0.56	ug/L			02/07/24 14:33	2
Ethylbenzene	2.0	U	2.0	0.60	ug/L			02/07/24 14:33	2
Methyl Ethyl Ketone	10	U	10	3.7	ug/L			02/07/24 14:33	2

Client Sample ID: A-08
Lab Sample ID: 460-297374-9

Date Collected: 01/31/24 12:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	10	U	10	2.6	ug/L			02/07/24 14:33	2
Methylene Chloride	2.0	U	2.0	0.63	ug/L			02/07/24 14:33	2
Styrene	2.0	U	2.0	0.83	ug/L			02/07/24 14:33	2
Tetrachloroethene	**590**		2.0	0.50	ug/L			02/07/24 14:33	2
Toluene	2.0	U	2.0	0.76	ug/L			02/07/24 14:33	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.47	ug/L			02/07/24 14:33	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.45	ug/L			02/07/24 14:33	2
Trichloroethene	**1.1**	**J**	2.0	0.63	ug/L			02/07/24 14:33	2
Vinyl chloride	2.0	U	2.0	0.34	ug/L			02/07/24 14:33	2
Xylenes, Total	4.0	U	4.0	1.3	ug/L			02/07/24 14:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 128*		*02/07/24 14:33*	*2*
4-Bromofluorobenzene	*109*		*76 - 120*		*02/07/24 14:33*	*2*
Dibromofluoromethane (Surr)	*104*		*77 - 132*		*02/07/24 14:33*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*02/07/24 14:33*	*2*

Client Sample ID: A-05
Lab Sample ID: 460-297374-10

Date Collected: 01/31/24 12:50
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 16:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 16:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 16:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 16:39	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 16:39	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 16:39	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 16:39	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 16:39	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 16:39	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 16:39	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 16:39	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 16:39	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 16:39	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 16:39	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 16:39	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 16:39	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 16:39	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 16:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 16:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 16:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 16:39	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 16:39	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 16:39	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 16:39	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 16:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 16:39	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 16:39	1

Client Sample ID: A-05
Lab Sample ID: 460-297374-10

Date Collected: 01/31/24 12:50
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**130**		1.0	0.25	ug/L			02/06/24 16:39	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 16:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 16:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 16:39	1
Trichloroethene	**0.40**	**J**	1.0	0.31	ug/L			02/06/24 16:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 16:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*		*02/06/24 16:39*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/06/24 16:39*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*02/06/24 16:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*02/06/24 16:39*	*1*

Client Sample ID: A-09
Lab Sample ID: 460-297374-11

Date Collected: 01/31/24 13:15
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 17:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 17:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 17:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 17:00	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 17:00	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 17:00	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 17:00	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 17:00	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 17:00	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 17:00	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 17:00	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 17:00	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 17:00	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 17:00	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 17:00	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 17:00	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 17:00	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 17:00	1
Chloromethane	**0.47**	**J**	1.0	0.40	ug/L			02/06/24 17:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 17:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 17:00	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 17:00	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 17:00	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 17:00	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 17:00	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 17:00	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 17:00	1
Tetrachloroethene	**9.3**		1.0	0.25	ug/L			02/06/24 17:00	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 17:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 17:00	1

Client Sample ID: A-09
Lab Sample ID: 460-297374-11
Date Collected: 01/31/24 13:15
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 17:00	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 17:00	1
Vinyl chloride	**0.65**	**J**	1.0	0.17	ug/L			02/06/24 17:00	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 128*		*02/06/24 17:00*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*02/06/24 17:00*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*02/06/24 17:00*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*02/06/24 17:00*	*1*

Client Sample ID: A-10
Lab Sample ID: 460-297374-12
Date Collected: 01/31/24 13:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 17:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 17:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 17:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 17:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 17:21	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 17:21	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 17:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 17:21	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 17:21	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 17:21	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 17:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 17:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 17:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 17:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 17:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 17:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 17:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 17:21	1
Chloromethane	**0.56**	**J**	1.0	0.40	ug/L			02/06/24 17:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 17:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 17:21	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 17:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 17:21	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 17:21	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 17:21	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 17:21	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 17:21	1
Tetrachloroethene	**15**		1.0	0.25	ug/L			02/06/24 17:21	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 17:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 17:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 17:21	1
Trichloroethene	**0.63**	**J**	1.0	0.31	ug/L			02/06/24 17:21	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 17:21	1

Client Sample ID: A-10
Lab Sample ID: 460-297374-12

Date Collected: 01/31/24 13:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 128*		*02/06/24 17:21*	*1*
4-Bromofluorobenzene	*104*		*76 - 120*		*02/06/24 17:21*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*02/06/24 17:21*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*02/06/24 17:21*	*1*

Client Sample ID: FB0131
Lab Sample ID: 460-297374-13

Date Collected: 01/31/24 14:00
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 13:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 13:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 13:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 13:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 13:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 13:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 13:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 13:06	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 13:06	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 13:06	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 13:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 13:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 13:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 13:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 13:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 13:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 13:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 13:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 13:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 13:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:06	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 13:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 13:06	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 13:06	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 13:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 13:06	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 13:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/06/24 13:06	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 13:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 13:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 13:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 13:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 13:06	1

Client Sample ID: FB0131
Lab Sample ID: 460-297374-13

Date Collected: 01/31/24 14:00
Matrix: Water
Date Received: 02/01/24 18:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*02/06/24 13:06*	*1*
4-Bromofluorobenzene	*96*		*76 - 120*		*02/06/24 13:06*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*02/06/24 13:06*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*02/06/24 13:06*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 460-297374-14

Date Collected: 01/31/24 14:30
Matrix: Water
Date Received: 02/01/24 18:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 13:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 13:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 13:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 13:28	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 13:28	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 13:28	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 13:28	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 13:28	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 13:28	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 13:28	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 13:28	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 13:28	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 13:28	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 13:28	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 13:28	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 13:28	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 13:28	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 13:28	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 13:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 13:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:28	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 13:28	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 13:28	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 13:28	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 13:28	1
Methylene Chloride	**1.3**		1.0	0.32	ug/L			02/06/24 13:28	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 13:28	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/06/24 13:28	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 13:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 13:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 13:28	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 13:28	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 13:28	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 128*		*02/06/24 13:28*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*02/06/24 13:28*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*02/06/24 13:28*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*02/06/24 13:28*	*1*

Surrogate Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-297374-1	A-15	106	100	97	104
460-297374-2	ME-8	114	98	104	102
460-297374-3	ME-13	105	100	97	101
460-297374-4	MW-113	102	109	105	103
460-297374-5	A-02	107	101	100	103
460-297374-5 MS	A-02	98	96	95	100
460-297374-5 MSD	A-02	95	100	95	103
460-297374-6	A-06	113	115	111	105
460-297374-7	A-066	100	104	100	99
460-297374-8	A-07	108	102	100	105
460-297374-9	A-08	110	109	104	99
460-297374-10	A-05	111	104	99	105
460-297374-11	A-09	105	96	96	102
460-297374-12	A-10	119	104	107	107
460-297374-13	FB0131	103	96	96	98
460-297374-14	Trip Blank	106	100	99	104
LCS 460-958087/4	Lab Control Sample	104	101	96	96
LCS 460-958316/4	Lab Control Sample	99	106	97	97
LCSD 460-958087/5	Lab Control Sample Dup	99	99	91	98
LCSD 460-958316/5	Lab Control Sample Dup	100	110	102	97
MB 460-958087/9	Method Blank	107	99	101	101
MB 460-958316/9	Method Blank	108	111	106	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-958087/9
Matrix: Water
Analysis Batch: 958087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/06/24 10:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/06/24 10:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/06/24 10:17	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/06/24 10:17	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/06/24 10:17	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/06/24 10:17	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/06/24 10:17	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/06/24 10:17	1
Acetone	5.0	U	5.0	4.4	ug/L			02/06/24 10:17	1
Benzene	1.0	U	1.0	0.20	ug/L			02/06/24 10:17	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/06/24 10:17	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/06/24 10:17	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/06/24 10:17	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/06/24 10:17	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/06/24 10:17	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/06/24 10:17	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/06/24 10:17	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/06/24 10:17	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/06/24 10:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/06/24 10:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 10:17	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/06/24 10:17	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/06/24 10:17	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/06/24 10:17	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/06/24 10:17	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/06/24 10:17	1
Styrene	1.0	U	1.0	0.42	ug/L			02/06/24 10:17	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/06/24 10:17	1
Toluene	1.0	U	1.0	0.38	ug/L			02/06/24 10:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/06/24 10:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/06/24 10:17	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/06/24 10:17	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/06/24 10:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/06/24 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 128*		*02/06/24 10:17*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*02/06/24 10:17*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 132*		*02/06/24 10:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*02/06/24 10:17*	*1*

Lab Sample ID: LCS 460-958087/4
Matrix: Water
Analysis Batch: 958087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			20.0	19.1		ug/L		95	72 - 128		
1,1,2,2-Tetrachloroethane			20.0	21.6		ug/L		108	63 - 139		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-958087/4
Matrix: Water
Analysis Batch: 958087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	21.9		ug/L		109	73 - 130
1,1-Dichloroethene	20.0	17.3		ug/L		87	68 - 133
1,2-Dichloroethane	20.0	21.2		ug/L		106	66 - 129
1,2-Dichloropropane	20.0	22.5		ug/L		113	68 - 128
2-Hexanone	100	113		ug/L		113	61 - 134
Acetone	100	102		ug/L		102	49 - 149
Benzene	20.0	20.4		ug/L		102	71 - 126
Bromodichloromethane	20.0	20.1		ug/L		100	76 - 121
Bromoform	20.0	16.0		ug/L		80	58 - 136
Bromomethane	20.0	18.1		ug/L		91	10 - 120
Carbon disulfide	20.0	16.4		ug/L		82	68 - 138
Carbon tetrachloride	20.0	17.6		ug/L		88	65 - 142
Chlorobenzene	20.0	18.7		ug/L		93	80 - 120
Chloroethane	20.0	22.0		ug/L		110	48 - 150
Chloroform	20.0	20.5		ug/L		102	78 - 125
Chloromethane	20.0	24.8		ug/L		124	43 - 140
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	78 - 121
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	74 - 125
Dibromochloromethane	20.0	17.1		ug/L		86	69 - 130
Ethylbenzene	20.0	18.7		ug/L		93	78 - 120
Methyl Ethyl Ketone	100	78.7		ug/L		79	61 - 142
methyl isobutyl ketone	100	108		ug/L		108	69 - 139
Methylene Chloride	20.0	19.5		ug/L		97	74 - 127
Styrene	20.0	18.5		ug/L		93	82 - 127
Tetrachloroethene	20.0	17.4		ug/L		87	70 - 127
Toluene	20.0	18.7		ug/L		94	78 - 120
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	74 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	66 - 127
Trichloroethene	20.0	19.5		ug/L		98	51 - 121
Vinyl chloride	20.0	22.6		ug/L		113	55 - 144
Xylenes, Total	40.0	35.9		ug/L		90	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 128*
4-Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 460-958087/5
Matrix: Water
Analysis Batch: 958087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.5		ug/L		97	72 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	21.5		ug/L		108	63 - 139	0	30
1,1,2-Trichloroethane	20.0	22.0		ug/L		110	74 - 125	1	30
1,1-Dichloroethane	20.0	23.1		ug/L		115	73 - 130	5	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-958087/5
Matrix: Water
Analysis Batch: 958087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			20.0	18.6		ug/L		93	68 - 133	7	30
1,2-Dichloroethane			20.0	21.4		ug/L		107	66 - 129	1	30
1,2-Dichloropropane			20.0	22.0		ug/L		110	68 - 128	2	30
2-Hexanone			100	119		ug/L		119	61 - 134	5	30
Acetone			100	109		ug/L		109	49 - 149	6	30
Benzene			20.0	21.3		ug/L		107	71 - 126	5	30
Bromodichloromethane			20.0	19.9		ug/L		100	76 - 121	1	30
Bromoform			20.0	16.8		ug/L		84	58 - 136	5	30
Bromomethane			20.0	19.3		ug/L		97	10 - 120	6	30
Carbon disulfide			20.0	17.4		ug/L		87	68 - 138	6	30
Carbon tetrachloride			20.0	18.7		ug/L		93	65 - 142	6	30
Chlorobenzene			20.0	19.4		ug/L		97	80 - 120	4	30
Chloroethane			20.0	23.9		ug/L		119	48 - 150	8	30
Chloroform			20.0	20.8		ug/L		104	78 - 125	1	30
Chloromethane			20.0	25.4		ug/L		127	43 - 140	2	30
cis-1,2-Dichloroethene			20.0	19.9		ug/L		100	78 - 121	4	30
cis-1,3-Dichloropropene			20.0	21.2		ug/L		106	74 - 125	2	30
Dibromochloromethane			20.0	17.9		ug/L		90	69 - 130	5	30
Ethylbenzene			20.0	19.2		ug/L		96	78 - 120	3	30
Methyl Ethyl Ketone			100	84.0		ug/L		84	61 - 142	7	30
methyl isobutyl ketone			100	112		ug/L		112	69 - 139	4	30
Methylene Chloride			20.0	19.9		ug/L		99	74 - 127	2	30
Styrene			20.0	18.9		ug/L		94	82 - 127	2	30
Tetrachloroethene			20.0	17.9		ug/L		89	70 - 127	3	30
Toluene			20.0	19.8		ug/L		99	78 - 120	6	30
trans-1,2-Dichloroethene			20.0	20.1		ug/L		100	74 - 126	2	30
trans-1,3-Dichloropropene			20.0	20.7		ug/L		104	66 - 127	2	30
Trichloroethene			20.0	21.2		ug/L		106	51 - 121	8	30
Vinyl chloride			20.0	23.1		ug/L		116	55 - 144	2	30
Xylenes, Total			40.0	37.6		ug/L		94	80 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 460-297374-5 MS
Matrix: Water
Analysis Batch: 958087

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.7		ug/L		98	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	18.6		ug/L		93	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	21.0		ug/L		105	74 - 125
1,1-Dichloroethane	1.0	U	20.0	23.2		ug/L		116	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.3		ug/L		96	68 - 133
1,2-Dichloroethane	1.0	U	20.0	20.0		ug/L		100	66 - 129

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297374-5 MS
Matrix: Water
Analysis Batch: 958087

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	1.0	U	20.0	22.6		ug/L		113	68 - 128
2-Hexanone	5.0	U	100	106		ug/L		106	61 - 134
Acetone	5.0	U	100	88.9		ug/L		89	49 - 149
Benzene	1.0	U	20.0	21.8		ug/L		109	71 - 126
Bromodichloromethane	1.0	U	20.0	20.0		ug/L		100	76 - 121
Bromoform	1.0	U	20.0	13.9		ug/L		70	58 - 136
Bromomethane	1.0	U	20.0	18.3		ug/L		91	10 - 120
Carbon disulfide	1.0	U	20.0	17.4		ug/L		87	68 - 138
Carbon tetrachloride	1.0	U	20.0	18.5		ug/L		92	65 - 142
Chlorobenzene	1.0	U	20.0	19.4		ug/L		97	80 - 120
Chloroethane	1.0	U	20.0	23.3		ug/L		116	48 - 150
Chloroform	1.0	U	20.0	21.0		ug/L		105	78 - 125
Chloromethane	1.0	U	20.0	26.1		ug/L		130	43 - 140
cis-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	20.8		ug/L		104	74 - 125
Dibromochloromethane	1.0	U	20.0	16.4		ug/L		82	69 - 130
Ethylbenzene	1.0	U	20.0	19.5		ug/L		97	78 - 120
Methyl Ethyl Ketone	5.0	U	100	76.6		ug/L		77	61 - 142
methyl isobutyl ketone	5.0	U	100	109		ug/L		109	69 - 139
Methylene Chloride	1.0	U	20.0	20.0		ug/L		100	74 - 127
Styrene	1.0	U	20.0	19.1		ug/L		96	82 - 127
Tetrachloroethene	11		20.0	30.4		ug/L		97	70 - 127
Toluene	1.0	U	20.0	19.9		ug/L		100	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	20.2		ug/L		101	66 - 127
Trichloroethene	1.0	U	20.0	20.5		ug/L		102	51 - 121
Vinyl chloride	1.0	U	20.0	24.2		ug/L		121	55 - 144
Xylenes, Total	2.0	U	40.0	38.0		ug/L		95	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 128*
4-Bromofluorobenzene	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-297374-5 MSD
Matrix: Water
Analysis Batch: 958087

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	1.0	U	20.0	19.3		ug/L		97	72 - 128	2	30
1,1,2,2-Tetrachloroethane	1.0	U	20.0	19.1		ug/L		96	63 - 139	3	30
1,1,2-Trichloroethane	1.0	U	20.0	21.8		ug/L		109	74 - 125	3	30
1,1-Dichloroethane	1.0	U	20.0	23.1		ug/L		115	73 - 130	1	30
1,1-Dichloroethene	1.0	U	20.0	18.8		ug/L		94	68 - 133	2	30
1,2-Dichloroethane	1.0	U	20.0	20.3		ug/L		102	66 - 129	2	30
1,2-Dichloropropane	1.0	U	20.0	21.5		ug/L		108	68 - 128	5	30
2-Hexanone	5.0	U	100	112		ug/L		112	61 - 134	6	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-297374-5 MSD
Matrix: Water
Analysis Batch: 958087

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	5.0	U	100	93.7		ug/L		94	49 - 149	5	30
Benzene	1.0	U	20.0	21.9		ug/L		110	71 - 126	1	30
Bromodichloromethane	1.0	U	20.0	19.8		ug/L		99	76 - 121	1	30
Bromoform	1.0	U	20.0	14.6		ug/L		73	58 - 136	5	30
Bromomethane	1.0	U	20.0	18.6		ug/L		93	10 - 120	2	30
Carbon disulfide	1.0	U	20.0	17.0		ug/L		85	68 - 138	3	30
Carbon tetrachloride	1.0	U	20.0	17.8		ug/L		89	65 - 142	4	30
Chlorobenzene	1.0	U	20.0	19.9		ug/L		99	80 - 120	3	30
Chloroethane	1.0	U	20.0	24.4		ug/L		122	48 - 150	5	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	4	30
Chloromethane	1.0	U	20.0	26.2		ug/L		131	43 - 140	0	30
cis-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		96	78 - 121	4	30
cis-1,3-Dichloropropene	1.0	U	20.0	21.4		ug/L		107	74 - 125	3	30
Dibromochloromethane	1.0	U	20.0	17.4		ug/L		87	69 - 130	6	30
Ethylbenzene	1.0	U	20.0	19.9		ug/L		99	78 - 120	2	30
Methyl Ethyl Ketone	5.0	U	100	81.3		ug/L		81	61 - 142	6	30
methyl isobutyl ketone	5.0	U	100	112		ug/L		112	69 - 139	3	30
Methylene Chloride	1.0	U	20.0	18.9		ug/L		94	74 - 127	6	30
Styrene	1.0	U	20.0	19.1		ug/L		95	82 - 127	0	30
Tetrachloroethene	11		20.0	30.7		ug/L		99	70 - 127	1	30
Toluene	1.0	U	20.0	20.4		ug/L		102	78 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	74 - 126	4	30
trans-1,3-Dichloropropene	1.0	U	20.0	20.6		ug/L		103	66 - 127	2	30
Trichloroethene	1.0	U	20.0	20.5		ug/L		103	51 - 121	0	30
Vinyl chloride	1.0	U	20.0	22.7		ug/L		113	55 - 144	7	30
Xylenes, Total	2.0	U	40.0	38.7		ug/L		97	80 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
4-Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 460-958316/9
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/07/24 12:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/07/24 12:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/07/24 12:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/07/24 12:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/07/24 12:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/07/24 12:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/07/24 12:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/07/24 12:47	1
Acetone	5.0	U	5.0	4.4	ug/L			02/07/24 12:47	1
Benzene	1.0	U	1.0	0.20	ug/L			02/07/24 12:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-958316/9
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			02/07/24 12:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/07/24 12:47	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/07/24 12:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/07/24 12:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/07/24 12:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/07/24 12:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/07/24 12:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/07/24 12:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/07/24 12:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/07/24 12:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 12:47	1
Dibromochloromethane	1.0	U	1.0	0.28	ug/L			02/07/24 12:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/07/24 12:47	1
Methyl Ethyl Ketone	5.0	U	5.0	1.9	ug/L			02/07/24 12:47	1
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			02/07/24 12:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/07/24 12:47	1
Styrene	1.0	U	1.0	0.42	ug/L			02/07/24 12:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/07/24 12:47	1
Toluene	1.0	U	1.0	0.38	ug/L			02/07/24 12:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/07/24 12:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/07/24 12:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/07/24 12:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/07/24 12:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/07/24 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 128*		*02/07/24 12:47*	*1*
4-Bromofluorobenzene	*111*		*76 - 120*		*02/07/24 12:47*	*1*
Dibromofluoromethane (Surr)	*106*		*77 - 132*		*02/07/24 12:47*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*02/07/24 12:47*	*1*

Lab Sample ID: LCS 460-958316/4
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	22.5		ug/L		113	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	63 - 139
1,1,2-Trichloroethane	20.0	22.2		ug/L		111	74 - 125
1,1-Dichloroethane	20.0	24.2		ug/L		121	73 - 130
1,1-Dichloroethene	20.0	22.8		ug/L		114	68 - 133
1,2-Dichloroethane	20.0	22.5		ug/L		112	66 - 129
1,2-Dichloropropane	20.0	23.2		ug/L		116	68 - 128
2-Hexanone	100	130		ug/L		130	61 - 134
Acetone	100	120		ug/L		120	49 - 149
Benzene	20.0	22.3		ug/L		112	71 - 126
Bromodichloromethane	20.0	21.3		ug/L		107	76 - 121
Bromoform	20.0	17.2		ug/L		86	58 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-958316/4
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			20.0	18.5		ug/L		93	10 - 120		
Carbon disulfide			20.0	21.0		ug/L		105	68 - 138		
Carbon tetrachloride			20.0	22.4		ug/L		112	65 - 142		
Chlorobenzene			20.0	20.9		ug/L		104	80 - 120		
Chloroethane			20.0	20.4		ug/L		102	48 - 150		
Chloroform			20.0	22.4		ug/L		112	78 - 125		
Chloromethane			20.0	23.3		ug/L		116	43 - 140		
cis-1,2-Dichloroethene			20.0	21.8		ug/L		109	78 - 121		
cis-1,3-Dichloropropene			20.0	21.3		ug/L		107	74 - 125		
Dibromochloromethane			20.0	18.7		ug/L		94	69 - 130		
Ethylbenzene			20.0	20.2		ug/L		101	78 - 120		
Methyl Ethyl Ketone			100	98.7		ug/L		99	61 - 142		
methyl isobutyl ketone			100	129		ug/L		129	69 - 139		
Methylene Chloride			20.0	21.7		ug/L		109	74 - 127		
Styrene			20.0	20.1		ug/L		100	82 - 127		
Tetrachloroethene			20.0	21.5		ug/L		108	70 - 127		
Toluene			20.0	21.0		ug/L		105	78 - 120		
trans-1,2-Dichloroethene			20.0	23.5		ug/L		117	74 - 126		
trans-1,3-Dichloropropene			20.0	20.3		ug/L		102	66 - 127		
Trichloroethene			20.0	22.6		ug/L		113	51 - 121		
Vinyl chloride			20.0	20.8		ug/L		104	55 - 144		
Xylenes, Total			40.0	39.6		ug/L		99	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 128*
4-Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 460-958316/5
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	22.5		ug/L		113	72 - 128	0	30
1,1,2,2-Tetrachloroethane			20.0	17.7		ug/L		89	63 - 139	5	30
1,1,2-Trichloroethane			20.0	20.9		ug/L		104	74 - 125	6	30
1,1-Dichloroethane			20.0	24.0		ug/L		120	73 - 130	1	30
1,1-Dichloroethene			20.0	22.4		ug/L		112	68 - 133	2	30
1,2-Dichloroethane			20.0	22.5		ug/L		112	66 - 129	0	30
1,2-Dichloropropane			20.0	22.6		ug/L		113	68 - 128	3	30
2-Hexanone			100	118		ug/L		118	61 - 134	10	30
Acetone			100	111		ug/L		111	49 - 149	8	30
Benzene			20.0	21.9		ug/L		110	71 - 126	2	30
Bromodichloromethane			20.0	21.4		ug/L		107	76 - 121	1	30
Bromoform			20.0	16.7		ug/L		83	58 - 136	3	30
Bromomethane			20.0	18.1		ug/L		91	10 - 120	2	30
Carbon disulfide			20.0	20.9		ug/L		105	68 - 138	0	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-958316/5
Matrix: Water
Analysis Batch: 958316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			20.0	22.1		ug/L		111	65 - 142	1	30
Chlorobenzene			20.0	20.7		ug/L		104	80 - 120	1	30
Chloroethane			20.0	20.7		ug/L		103	48 - 150	1	30
Chloroform			20.0	22.0		ug/L		110	78 - 125	2	30
Chloromethane			20.0	23.2		ug/L		116	43 - 140	0	30
cis-1,2-Dichloroethene			20.0	21.8		ug/L		109	78 - 121	0	30
cis-1,3-Dichloropropene			20.0	21.0		ug/L		105	74 - 125	2	30
Dibromochloromethane			20.0	18.6		ug/L		93	69 - 130	1	30
Ethylbenzene			20.0	20.6		ug/L		103	78 - 120	2	30
Methyl Ethyl Ketone			100	88.1		ug/L		88	61 - 142	11	30
methyl isobutyl ketone			100	113		ug/L		113	69 - 139	13	30
Methylene Chloride			20.0	21.3		ug/L		107	74 - 127	2	30
Styrene			20.0	19.7		ug/L		98	82 - 127	2	30
Tetrachloroethene			20.0	21.4		ug/L		107	70 - 127	1	30
Toluene			20.0	20.3		ug/L		101	78 - 120	3	30
trans-1,2-Dichloroethene			20.0	23.4		ug/L		117	74 - 126	0	30
trans-1,3-Dichloropropene			20.0	19.9		ug/L		99	66 - 127	2	30
Trichloroethene			20.0	22.8		ug/L		114	51 - 121	1	30
Vinyl chloride			20.0	21.6		ug/L		108	55 - 144	4	30
Xylenes, Total			40.0	40.0		ug/L		100	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 128*
4-Bromofluorobenzene	*110*		*76 - 120*
Dibromofluoromethane (Surr)	*102*		*77 - 132*
Toluene-d8 (Surr)	*97*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

GC/MS VOA

Analysis Batch: 958087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297374-1	A-15	Total/NA	Water	8260D	
460-297374-2	ME-8	Total/NA	Water	8260D	
460-297374-3	ME-13	Total/NA	Water	8260D	
460-297374-5	A-02	Total/NA	Water	8260D	
460-297374-8	A-07	Total/NA	Water	8260D	
460-297374-10	A-05	Total/NA	Water	8260D	
460-297374-11	A-09	Total/NA	Water	8260D	
460-297374-12	A-10	Total/NA	Water	8260D	
460-297374-13	FB0131	Total/NA	Water	8260D	
460-297374-14	Trip Blank	Total/NA	Water	8260D	
MB 460-958087/9	Method Blank	Total/NA	Water	8260D	
LCS 460-958087/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-958087/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-297374-5 MS	A-02	Total/NA	Water	8260D	
460-297374-5 MSD	A-02	Total/NA	Water	8260D	

Analysis Batch: 958316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-297374-4	MW-113	Total/NA	Water	8260D	
460-297374-6	A-06	Total/NA	Water	8260D	
460-297374-7	A-066	Total/NA	Water	8260D	
460-297374-9	A-08	Total/NA	Water	8260D	
MB 460-958316/9	Method Blank	Total/NA	Water	8260D	
LCS 460-958316/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-958316/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Client Sample ID: A-15
Date Collected: 01/31/24 08:10
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 14:10

Client Sample ID: ME-8
Date Collected: 01/31/24 09:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 14:32

Client Sample ID: ME-13
Date Collected: 01/31/24 09:40
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 14:53

Client Sample ID: MW-113
Date Collected: 01/31/24 10:20
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958316	EMM	EET EDI	02/07/24 13:30

Client Sample ID: A-02
Date Collected: 01/31/24 10:55
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 13:49

Client Sample ID: A-06
Date Collected: 01/31/24 11:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958316	EMM	EET EDI	02/07/24 13:51

Client Sample ID: A-066
Date Collected: 01/31/24 11:33
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958316	EMM	EET EDI	02/07/24 14:12

Client Sample ID: A-07
Date Collected: 01/31/24 12:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 16:18

Client Sample ID: A-08
Date Collected: 01/31/24 12:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	958316	EMM	EET EDI	02/07/24 14:33

Client Sample ID: A-05
Date Collected: 01/31/24 12:50
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 16:39

Client Sample ID: A-09
Date Collected: 01/31/24 13:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 17:00

Client Sample ID: A-10
Date Collected: 01/31/24 13:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 17:21

Client Sample ID: FB0131
Date Collected: 01/31/24 14:00
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 13:06

Client Sample ID: Trip Blank
Date Collected: 01/31/24 14:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 13:28

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: FPM Group Limited
Job ID: 460-297374-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-24

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
A-15	460-297374-1	97	106	104	100
ME-8	460-297374-2	104	114	102	98
ME-13	460-297374-3	97	105	101	100
MW-113	460-297374-4	105	102	103	109
A-02	460-297374-5	100	107	103	101
A-06	460-297374-6	111	113	105	115
A-066	460-297374-7	100	100	99	104
A-07	460-297374-8	100	108	105	102
A-08	460-297374-9	104	110	99	109
A-05	460-297374-10	99	111	105	104
A-09	460-297374-11	96	105	102	96
A-10	460-297374-12	107	119	107	104
FB0131	460-297374-13	96	103	98	96
Trip Blank	460-297374-14	99	106	104	100
	MB 460-958087/9	101	107	101	99
	MB 460-958316/9	106	108	101	111
	LCS 460-958087/4	96	104	96	101
	LCS 460-958316/4	97	99	97	106
	LCSD 460-958087/5	91	99	98	99
	LCSD 460-958316/5	102	100	97	110
A-02 MS	460-297374-5 MS	95	98	100	96
A-02 MSD	460-297374-5 MSD	95	95	103	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50149.D

Lab ID: LCS 460-958087/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.1	95	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.6	108	63-139	
1,1,2-Trichloroethane	20.0	21.8	109	74-125	
1,1-Dichloroethane	20.0	21.9	109	73-130	
1,1-Dichloroethene	20.0	17.3	87	68-133	
1,2-Dichloroethane	20.0	21.2	106	66-129	
1,2-Dichloropropane	20.0	22.5	113	68-128	
2-Hexanone	100	113	113	61-134	
Acetone	100	102	102	49-149	
Benzene	20.0	20.4	102	71-126	
Bromodichloromethane	20.0	20.1	100	76-121	
Bromoform	20.0	16.0	80	58-136	
Bromomethane	20.0	18.1	91	10-120	
Carbon disulfide	20.0	16.4	82	68-138	
Carbon tetrachloride	20.0	17.6	88	65-142	
Chlorobenzene	20.0	18.7	93	80-120	
Chloroethane	20.0	22.0	110	48-150	
Chloroform	20.0	20.5	102	78-125	
Chloromethane	20.0	24.8	124	43-140	
cis-1,2-Dichloroethene	20.0	19.1	96	78-121	
cis-1,3-Dichloropropene	20.0	20.8	104	74-125	
Dibromochloromethane	20.0	17.1	86	69-130	
Ethylbenzene	20.0	18.7	93	78-120	
Methyl Ethyl Ketone	100	78.7	79	61-142	
methyl isobutyl ketone	100	108	108	69-139	
Methylene Chloride	20.0	19.5	97	74-127	
Styrene	20.0	18.5	93	82-127	
Tetrachloroethene	20.0	17.4	87	70-127	
Toluene	20.0	18.7	94	78-120	
trans-1,2-Dichloroethene	20.0	19.8	99	74-126	
trans-1,3-Dichloropropene	20.0	20.3	101	66-127	
Trichloroethene	20.0	19.5	98	51-121	
Vinyl chloride	20.0	22.6	113	55-144	
Xylenes, Total	40.0	35.9	90	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50213.D

Lab ID: LCS 460-958316/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.5	113	72-128	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	63-139	
1,1,2-Trichloroethane	20.0	22.2	111	74-125	
1,1-Dichloroethane	20.0	24.2	121	73-130	
1,1-Dichloroethene	20.0	22.8	114	68-133	
1,2-Dichloroethane	20.0	22.5	112	66-129	
1,2-Dichloropropane	20.0	23.2	116	68-128	
2-Hexanone	100	130	130	61-134	
Acetone	100	120	120	49-149	
Benzene	20.0	22.3	112	71-126	
Bromodichloromethane	20.0	21.3	107	76-121	
Bromoform	20.0	17.2	86	58-136	
Bromomethane	20.0	18.5	93	10-120	
Carbon disulfide	20.0	21.0	105	68-138	
Carbon tetrachloride	20.0	22.4	112	65-142	
Chlorobenzene	20.0	20.9	104	80-120	
Chloroethane	20.0	20.4	102	48-150	
Chloroform	20.0	22.4	112	78-125	
Chloromethane	20.0	23.3	116	43-140	
cis-1,2-Dichloroethene	20.0	21.8	109	78-121	
cis-1,3-Dichloropropene	20.0	21.3	107	74-125	
Dibromochloromethane	20.0	18.7	94	69-130	
Ethylbenzene	20.0	20.2	101	78-120	
Methyl Ethyl Ketone	100	98.7	99	61-142	
methyl isobutyl ketone	100	129	129	69-139	
Methylene Chloride	20.0	21.7	109	74-127	
Styrene	20.0	20.1	100	82-127	
Tetrachloroethene	20.0	21.5	108	70-127	
Toluene	20.0	21.0	105	78-120	
trans-1,2-Dichloroethene	20.0	23.5	117	74-126	
trans-1,3-Dichloropropene	20.0	20.3	102	66-127	
Trichloroethene	20.0	22.6	113	51-121	
Vinyl chloride	20.0	20.8	104	55-144	
Xylenes, Total	40.0	39.6	99	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50150.D

Lab ID: LCSD 460-958087/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.5	97	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	21.5	108	0	30	63-139	
1,1,2-Trichloroethane	20.0	22.0	110	1	30	74-125	
1,1-Dichloroethane	20.0	23.1	115	5	30	73-130	
1,1-Dichloroethene	20.0	18.6	93	7	30	68-133	
1,2-Dichloroethane	20.0	21.4	107	1	30	66-129	
1,2-Dichloropropane	20.0	22.0	110	2	30	68-128	
2-Hexanone	100	119	119	5	30	61-134	
Acetone	100	109	109	6	30	49-149	
Benzene	20.0	21.3	107	5	30	71-126	
Bromodichloromethane	20.0	19.9	100	1	30	76-121	
Bromoform	20.0	16.8	84	5	30	58-136	
Bromomethane	20.0	19.3	97	6	30	10-120	
Carbon disulfide	20.0	17.4	87	6	30	68-138	
Carbon tetrachloride	20.0	18.7	93	6	30	65-142	
Chlorobenzene	20.0	19.4	97	4	30	80-120	
Chloroethane	20.0	23.9	119	8	30	48-150	
Chloroform	20.0	20.8	104	1	30	78-125	
Chloromethane	20.0	25.4	127	2	30	43-140	
cis-1,2-Dichloroethene	20.0	19.9	100	4	30	78-121	
cis-1,3-Dichloropropene	20.0	21.2	106	2	30	74-125	
Dibromochloromethane	20.0	17.9	90	5	30	69-130	
Ethylbenzene	20.0	19.2	96	3	30	78-120	
Methyl Ethyl Ketone	100	84.0	84	7	30	61-142	
methyl isobutyl ketone	100	112	112	4	30	69-139	
Methylene Chloride	20.0	19.9	99	2	30	74-127	
Styrene	20.0	18.9	94	2	30	82-127	
Tetrachloroethene	20.0	17.9	89	3	30	70-127	
Toluene	20.0	19.8	99	6	30	78-120	
trans-1,2-Dichloroethene	20.0	20.1	100	2	30	74-126	
trans-1,3-Dichloropropene	20.0	20.7	104	2	30	66-127	
Trichloroethene	20.0	21.2	106	8	30	51-121	
Vinyl chloride	20.0	23.1	116	2	30	55-144	
Xylenes, Total	40.0	37.6	94	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50214.D

Lab ID: LCSD 460-958316/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.5	113	0	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	5	30	63-139	
1,1,2-Trichloroethane	20.0	20.9	104	6	30	74-125	
1,1-Dichloroethane	20.0	24.0	120	1	30	73-130	
1,1-Dichloroethene	20.0	22.4	112	2	30	68-133	
1,2-Dichloroethane	20.0	22.5	112	0	30	66-129	
1,2-Dichloropropane	20.0	22.6	113	3	30	68-128	
2-Hexanone	100	118	118	10	30	61-134	
Acetone	100	111	111	8	30	49-149	
Benzene	20.0	21.9	110	2	30	71-126	
Bromodichloromethane	20.0	21.4	107	1	30	76-121	
Bromoform	20.0	16.7	83	3	30	58-136	
Bromomethane	20.0	18.1	91	2	30	10-120	
Carbon disulfide	20.0	20.9	105	0	30	68-138	
Carbon tetrachloride	20.0	22.1	111	1	30	65-142	
Chlorobenzene	20.0	20.7	104	1	30	80-120	
Chloroethane	20.0	20.7	103	1	30	48-150	
Chloroform	20.0	22.0	110	2	30	78-125	
Chloromethane	20.0	23.2	116	0	30	43-140	
cis-1,2-Dichloroethene	20.0	21.8	109	0	30	78-121	
cis-1,3-Dichloropropene	20.0	21.0	105	2	30	74-125	
Dibromochloromethane	20.0	18.6	93	1	30	69-130	
Ethylbenzene	20.0	20.6	103	2	30	78-120	
Methyl Ethyl Ketone	100	88.1	88	11	30	61-142	
methyl isobutyl ketone	100	113	113	13	30	69-139	
Methylene Chloride	20.0	21.3	107	2	30	74-127	
Styrene	20.0	19.7	98	2	30	82-127	
Tetrachloroethene	20.0	21.4	107	1	30	70-127	
Toluene	20.0	20.3	101	3	30	78-120	
trans-1,2-Dichloroethene	20.0	23.4	117	0	30	74-126	
trans-1,3-Dichloropropene	20.0	19.9	99	2	30	66-127	
Trichloroethene	20.0	22.8	114	1	30	51-121	
Vinyl chloride	20.0	21.6	108	4	30	55-144	
Xylenes, Total	40.0	40.0	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50158.D

Lab ID: 460-297374-5 MS Client ID: A-02 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.7	98	72-128	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	18.6	93	63-139	
1,1,2-Trichloroethane	20.0	1.0 U	21.0	105	74-125	
1,1-Dichloroethane	20.0	1.0 U	23.2	116	73-130	
1,1-Dichloroethene	20.0	1.0 U	19.3	96	68-133	
1,2-Dichloroethane	20.0	1.0 U	20.0	100	66-129	
1,2-Dichloropropane	20.0	1.0 U	22.6	113	68-128	
2-Hexanone	100	5.0 U	106	106	61-134	
Acetone	100	5.0 U	88.9	89	49-149	
Benzene	20.0	1.0 U	21.8	109	71-126	
Bromodichloromethane	20.0	1.0 U	20.0	100	76-121	
Bromoform	20.0	1.0 U	13.9	70	58-136	
Bromomethane	20.0	1.0 U	18.3	91	10-120	
Carbon disulfide	20.0	1.0 U	17.4	87	68-138	
Carbon tetrachloride	20.0	1.0 U	18.5	92	65-142	
Chlorobenzene	20.0	1.0 U	19.4	97	80-120	
Chloroethane	20.0	1.0 U	23.3	116	48-150	
Chloroform	20.0	1.0 U	21.0	105	78-125	
Chloromethane	20.0	1.0 U	26.1	130	43-140	
cis-1,2-Dichloroethene	20.0	1.0 U	19.9	99	78-121	
cis-1,3-Dichloropropene	20.0	1.0 U	20.8	104	74-125	
Dibromochloromethane	20.0	1.0 U	16.4	82	69-130	
Ethylbenzene	20.0	1.0 U	19.5	97	78-120	
Methyl Ethyl Ketone	100	5.0 U	76.6	77	61-142	
methyl isobutyl ketone	100	5.0 U	109	109	69-139	
Methylene Chloride	20.0	1.0 U	20.0	100	74-127	
Styrene	20.0	1.0 U	19.1	96	82-127	
Tetrachloroethene	20.0	11	30.4	97	70-127	
Toluene	20.0	1.0 U	19.9	100	78-120	
trans-1,2-Dichloroethene	20.0	1.0 U	20.6	103	74-126	
trans-1,3-Dichloropropene	20.0	1.0 U	20.2	101	66-127	
Trichloroethene	20.0	1.0 U	20.5	102	51-121	
Vinyl chloride	20.0	1.0 U	24.2	121	55-144	
Xylenes, Total	40.0	2.0 U	38.0	95	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V50159.D

Lab ID: 460-297374-5 MSD Client ID: A-02 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.3	97	2	30	72-128	
1,1,2,2-Tetrachloroethane	20.0	19.1	96	3	30	63-139	
1,1,2-Trichloroethane	20.0	21.8	109	3	30	74-125	
1,1-Dichloroethane	20.0	23.1	115	1	30	73-130	
1,1-Dichloroethene	20.0	18.8	94	2	30	68-133	
1,2-Dichloroethane	20.0	20.3	102	2	30	66-129	
1,2-Dichloropropane	20.0	21.5	108	5	30	68-128	
2-Hexanone	100	112	112	6	30	61-134	
Acetone	100	93.7	94	5	30	49-149	
Benzene	20.0	21.9	110	1	30	71-126	
Bromodichloromethane	20.0	19.8	99	1	30	76-121	
Bromoform	20.0	14.6	73	5	30	58-136	
Bromomethane	20.0	18.6	93	2	30	10-120	
Carbon disulfide	20.0	17.0	85	3	30	68-138	
Carbon tetrachloride	20.0	17.8	89	4	30	65-142	
Chlorobenzene	20.0	19.9	99	3	30	80-120	
Chloroethane	20.0	24.4	122	5	30	48-150	
Chloroform	20.0	20.2	101	4	30	78-125	
Chloromethane	20.0	26.2	131	0	30	43-140	
cis-1,2-Dichloroethene	20.0	19.1	96	4	30	78-121	
cis-1,3-Dichloropropene	20.0	21.4	107	3	30	74-125	
Dibromochloromethane	20.0	17.4	87	6	30	69-130	
Ethylbenzene	20.0	19.9	99	2	30	78-120	
Methyl Ethyl Ketone	100	81.3	81	6	30	61-142	
methyl isobutyl ketone	100	112	112	3	30	69-139	
Methylene Chloride	20.0	18.9	94	6	30	74-127	
Styrene	20.0	19.1	95	0	30	82-127	
Tetrachloroethene	20.0	30.7	99	1	30	70-127	
Toluene	20.0	20.4	102	3	30	78-120	
trans-1,2-Dichloroethene	20.0	19.9	99	4	30	74-126	
trans-1,3-Dichloropropene	20.0	20.6	103	2	30	66-127	
Trichloroethene	20.0	20.5	103	0	30	51-121	
Vinyl chloride	20.0	22.7	113	7	30	55-144	
Xylenes, Total	40.0	38.7	97	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab File ID: V50154.D Lab Sample ID: MB 460-958087/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 02/06/2024 10:17

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-958087/4	V50149.D	02/06/2024 08:29
	LCSD 460-958087/5	V50150.D	02/06/2024 08:51
A-02 MS	460-297374-5 MS	V50158.D	02/06/2024 11:41
A-02 MSD	460-297374-5 MSD	V50159.D	02/06/2024 12:03
FB0131	460-297374-13	V50162.D	02/06/2024 13:06
Trip Blank	460-297374-14	V50163.D	02/06/2024 13:28
A-02	460-297374-5	V50164.D	02/06/2024 13:49
A-15	460-297374-1	V50165.D	02/06/2024 14:10
ME-8	460-297374-2	V50166.D	02/06/2024 14:32
ME-13	460-297374-3	V50167.D	02/06/2024 14:53
A-07	460-297374-8	V50171.D	02/06/2024 16:18
A-05	460-297374-10	V50172.D	02/06/2024 16:39
A-09	460-297374-11	V50173.D	02/06/2024 17:00
A-10	460-297374-12	V50174.D	02/06/2024 17:21

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab File ID: V50218.D Lab Sample ID: MB 460-958316/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 02/07/2024 12:47

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-958316/4	V50213.D	02/07/2024 11:01
	LCSD 460-958316/5	V50214.D	02/07/2024 11:23
MW-113	460-297374-4	V50220.D	02/07/2024 13:30
A-06	460-297374-6	V50221.D	02/07/2024 13:51
A-066	460-297374-7	V50222.D	02/07/2024 14:12
A-08	460-297374-9	V50223.D	02/07/2024 14:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab File ID: V49181.D BFB Injection Date: 01/04/2024

Instrument ID: CVOAMS7 BFB Injection Time: 23:02

Analysis Batch No.: 953474

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	132.7
96	5 - 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.2
174	50 - 200% of m/z 95	75.4
175	5 - 9% of m/z 174	7.9
176	95 -105% of m/z 174	99.1
177	5 - 10% of m/z 176	6.2

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-953474/3	V49183.D	01/04/2024	23:54
	STD05 460-953474/4	V49184.D	01/05/2024	0:15
	STD5 460-953474/6	V49186.D	01/05/2024	0:58
	STD20 460-953474/7	V49187.D	01/05/2024	1:19
	STD50 460-953474/8	V49188.D	01/05/2024	1:41
	STD200 460-953474/9	V49189.D	01/05/2024	2:02
	STD500 460-953474/10	V49190.D	01/05/2024	2:23
	STD1 460-953474/16	V49196.D	01/05/2024	9:04
	ICV 460-953474/18	V49198.D	01/05/2024	9:46

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: STD20 460-953474/7 Date Analyzed: 01/05/2024 01:19

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V49187.D Heated Purge: (Y/N) N

Calibration ID: 95610

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		40605	2.49	333470	3.39	684700	4.42
UPPER LIMIT		81210	2.99	666940	3.89	1369400	4.92
LOWER LIMIT		20303	1.99	166735	2.89	342350	3.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-953474/18		40680	2.49	354247	3.39	717280	4.42

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: STD20 460-953474/7 Date Analyzed: 01/05/2024 01:19

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V49187.D Heated Purge: (Y/N) N

Calibration ID: 95610

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		24961	5.12	477926	8.04	223170	10.38
UPPER LIMIT		49922	5.62	955852	8.54	446340	10.88
LOWER LIMIT		12481	4.62	238963	7.54	111585	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-953474/18		23217	5.12	505900	8.04	233729	10.38

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: CCVIS 460-958087/2 Date Analyzed: 02/06/2024 07:46

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V50147.D Heated Purge: (Y/N) N

Calibration ID: 95610

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42724	2.49	443571	3.39	692132	4.42
UPPER LIMIT		85448	2.99	887142	3.89	1384264	4.92
LOWER LIMIT		21362	1.99	221786	2.89	346066	3.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-958087/4		40037	2.49	446065	3.39	721791	4.41
LCSD 460-958087/5		39657	2.49	456360	3.39	746748	4.41
MB 460-958087/9		27789	2.49	367709	3.40	675809	4.42
460-297374-5 MS	A-02 MS	28732	2.48	374655	3.39	798237	4.41
460-297374-5 MSD	A-02 MSD	34704	2.49	397701	3.39	824119	4.41
460-297374-13	FB0131	31034	2.49	376476	3.39	722195	4.42
460-297374-14	Trip Blank	29525	2.49	360706	3.39	711066	4.42
460-297374-5	A-02	29367	2.49	373803	3.39	732368	4.42
460-297374-1	A-15	30559	2.49	365577	3.39	710812	4.41
460-297374-2	ME-8	32765	2.49	382850	3.39	694849	4.41
460-297374-3	ME-13	30957	2.49	358230	3.39	702625	4.41
460-297374-8	A-07	29405	2.49	338078	3.40	694643	4.42
460-297374-10	A-05	28714	2.49	362840	3.39	698214	4.41
460-297374-11	A-09	26704	2.49	337490	3.39	682774	4.41
460-297374-12	A-10	33141	2.49	395702	3.39	649557	4.42

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: CCVIS 460-958087/2 Date Analyzed: 02/06/2024 07:46

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V50147.D Heated Purge: (Y/N) N

Calibration ID: 95610

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		24884	5.12	492964	8.04	226990	10.38
UPPER LIMIT		49768	5.62	985928	8.54	453980	10.88
LOWER LIMIT		12442	4.62	246482	7.54	113495	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-958087/4		23649	5.12	517832	8.04	237228	10.38
LCSD 460-958087/5		19499	5.12	527961	8.04	239588	10.38
MB 460-958087/9		16791	5.14	487029	8.04	208821	10.38
460-297374-5 MS	A-02 MS	18435	5.12	555014	8.04	255093	10.38
460-297374-5 MSD	A-02 MSD	19937	5.12	551489	8.04	254617	10.38
460-297374-13	FB0131	16435	5.13	521352	8.04	222431	10.38
460-297374-14	Trip Blank	21900	5.14	504457	8.04	216890	10.38
460-297374-5	A-02	18552	5.13	509462	8.04	217289	10.38
460-297374-1	A-15	16757	5.13	489941	8.04	215734	10.38
460-297374-2	ME-8	17611	5.13	503512	8.04	223179	10.38
460-297374-3	ME-13	19427	5.13	497850	8.04	207003	10.38
460-297374-8	A-07	20761	5.14	480569	8.04	209998	10.38
460-297374-10	A-05	18303	5.13	482485	8.04	212655	10.38
460-297374-11	A-09	18189	5.14	478357	8.04	197783	10.38
460-297374-12	A-10	23636	5.13	469158	8.04	205642	10.38

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: CCVIS 460-958316/3 Date Analyzed: 02/07/2024 08:10

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V50212.D Heated Purge: (Y/N) N

Calibration ID: 95610

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39208	2.49	412877	3.39	777619	4.42
UPPER LIMIT		78416	2.99	825754	3.89	1555238	4.92
LOWER LIMIT		19604	1.99	206439	2.89	388810	3.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-958316/4		29235	2.49	313059	3.39	672393	4.41
LCSD 460-958316/5		29572	2.49	356953	3.39	707159	4.41
MB 460-958316/9		24540	2.49	300713	3.39	613269	4.41
460-297374-4	MW-113	26463	2.49	314714	3.39	660547	4.42
460-297374-6	A-06	29128	2.49	327994	3.39	681685	4.41
460-297374-7	A-066	24364	2.49	288863	3.39	654779	4.41
460-297374-9	A-08	28096	2.49	311766	3.39	628094	4.41

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Sample No.: CCVIS 460-958316/3 Date Analyzed: 02/07/2024 08:10

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V50212.D Heated Purge: (Y/N) N

Calibration ID: 95610

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17870	5.12	556075	8.04	264204	10.38
UPPER LIMIT		35740	5.62	1112150	8.54	528408	10.88
LOWER LIMIT		8935	4.62	278038	7.54	132102	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-958316/4		17454	5.12	490115	8.04	232930	10.38
LCSD 460-958316/5		23021	5.13	521957	8.04	258361	10.38
MB 460-958316/9		10179	5.14	462365	8.04	215048	10.38
460-297374-4	MW-113	16908	5.13	472103	8.04	213702	10.38
460-297374-6	A-06	18968	5.13	495172	8.04	229947	10.38
460-297374-7	A-066	19325	5.13	469926	8.04	211612	10.38
460-297374-9	A-08	19433	5.14	466538	8.04	206880	10.38

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-15 | Lab Sample ID: 460-297374-1

Matrix: Water | Lab File ID: V50165.D

Analysis Method: 8260D | Date Collected: 01/31/2024 08:10

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 14:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.65	J	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	8.0		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-15 Lab Sample ID: 460-297374-1

Matrix: Water Lab File ID: V50165.D

Analysis Method: 8260D Date Collected: 01/31/2024 08:10

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 14:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D
Lims ID: 460-297374-A-1
Client ID: A-15
Sample Type: Client
Inject. Date: 06-Feb-2024 14:10:30 ALS Bottle#: 70 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-1
Misc. Info.: 460-0172003-020
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 14:37:43 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: K0HS Date: 06-Feb-2024 14:37:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	30559	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	98	365577	250.0	
51 Chloroform	83	3.689	3.688	0.001	92	7748	0.6469	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	183947	48.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	251805	53.1	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	710812	50.0	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	93	16757	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	856850	52.0	
88 Tetrachloroethene	166	6.866	6.866	0.000	87	48276	7.95	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	489941	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	212349	50.0	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	215734	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 14:37:51 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D

Injection Date: 06-Feb-2024 14:10:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-1 Lab Sample ID: 460-297374-1

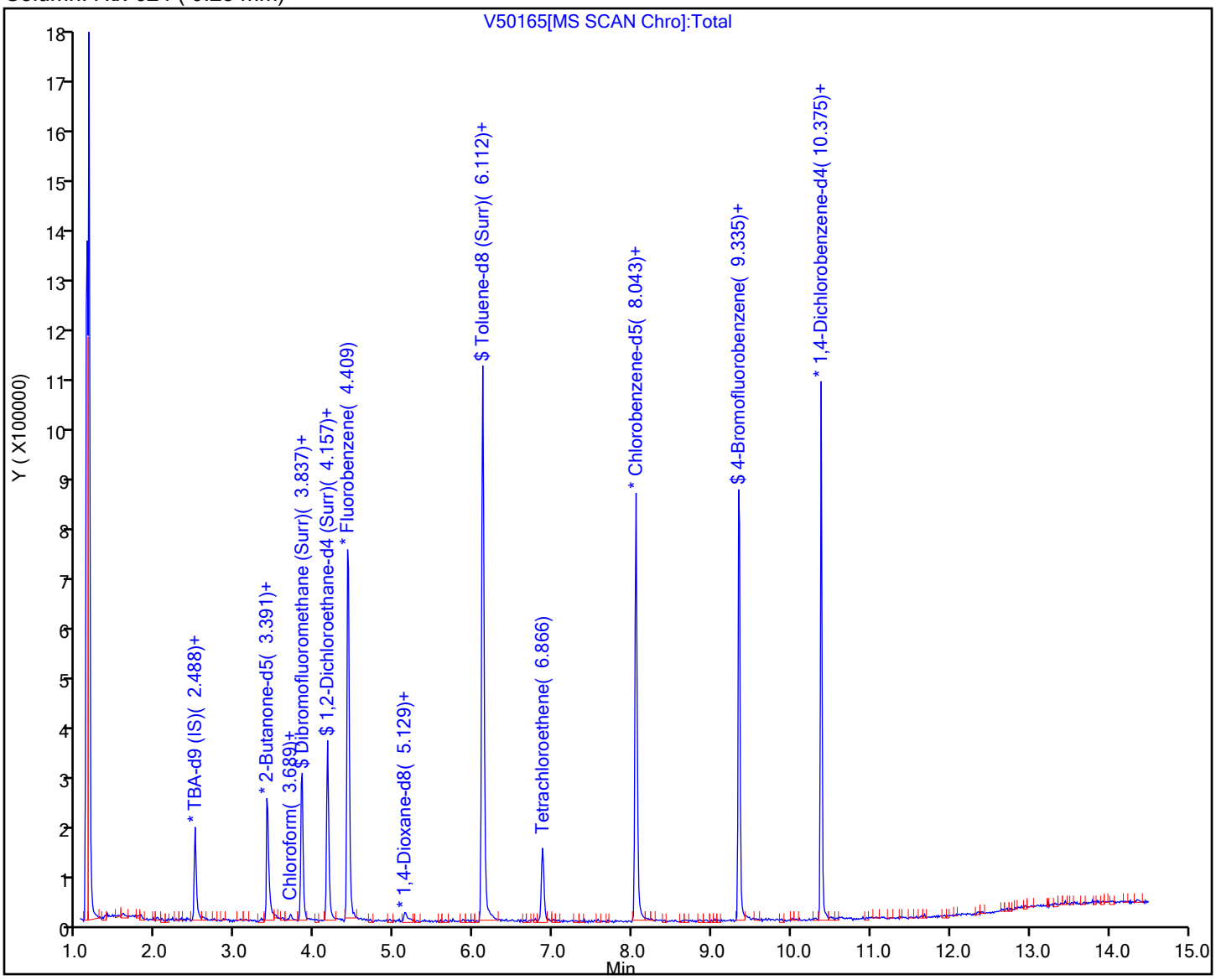
Client ID: A-15

Operator ID: ALS Bottle#: 70 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D				
Lims ID:	460-297374-A-1				
Client ID:	A-15				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 14:10:30	ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-1				
Misc. Info.:	460-0172003-020				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 14:37:43	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1689				

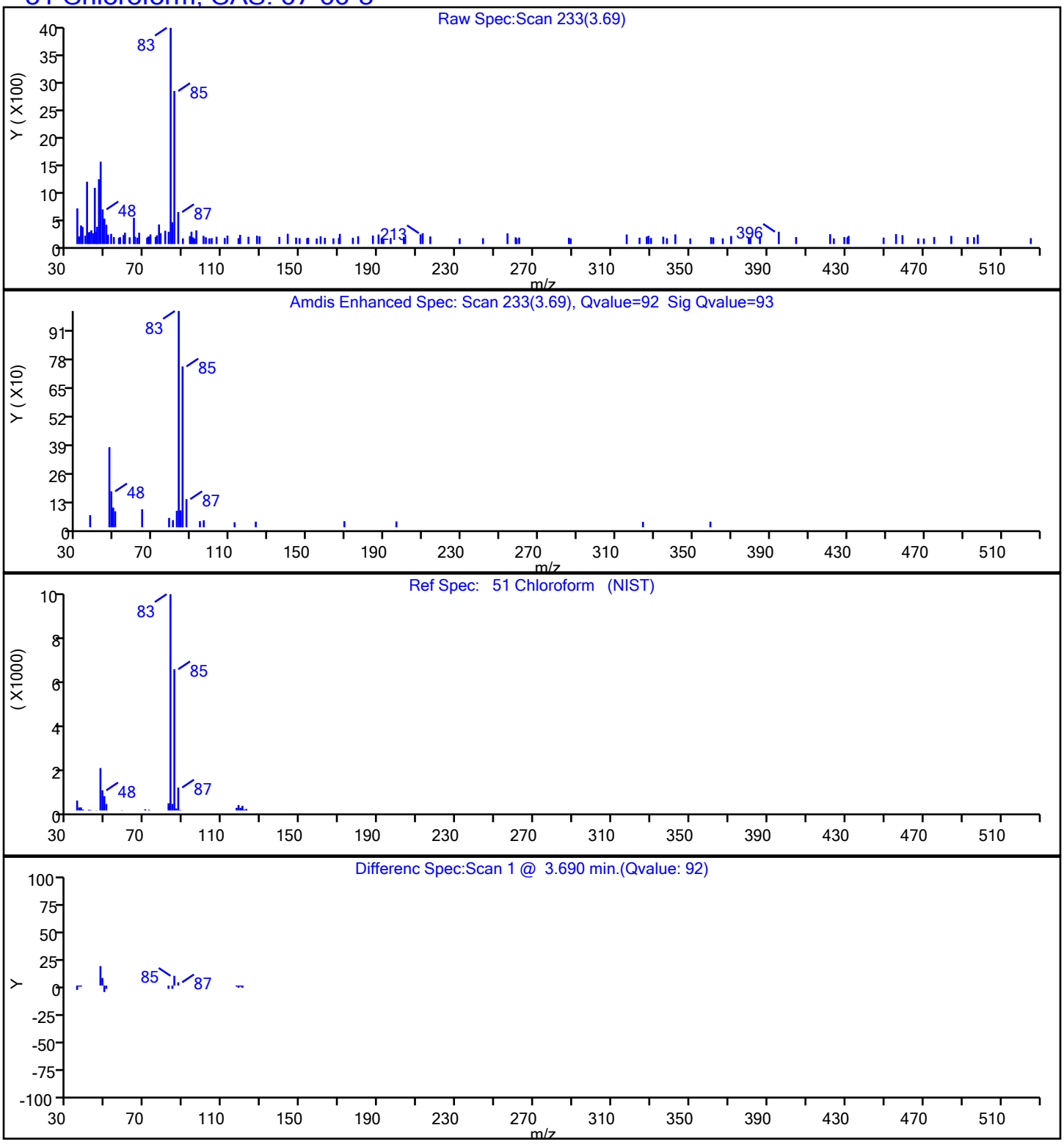
First Level Reviewer: K0HS Date: 06-Feb-2024 14:37:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.4	96.80
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.24
$ 82 Toluene-d8 (Surr)	50.0	52.0	104.02
$ 105 4-Bromofluorobenzene	50.0	50.0	100.07

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D		
Injection Date:	06-Feb-2024 14:10:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-1	Lab Sample ID:	460-297374-1
Client ID:	A-15		
Operator ID:		ALS Bottle#:	70 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

51 Chloroform, CAS: 67-66-3



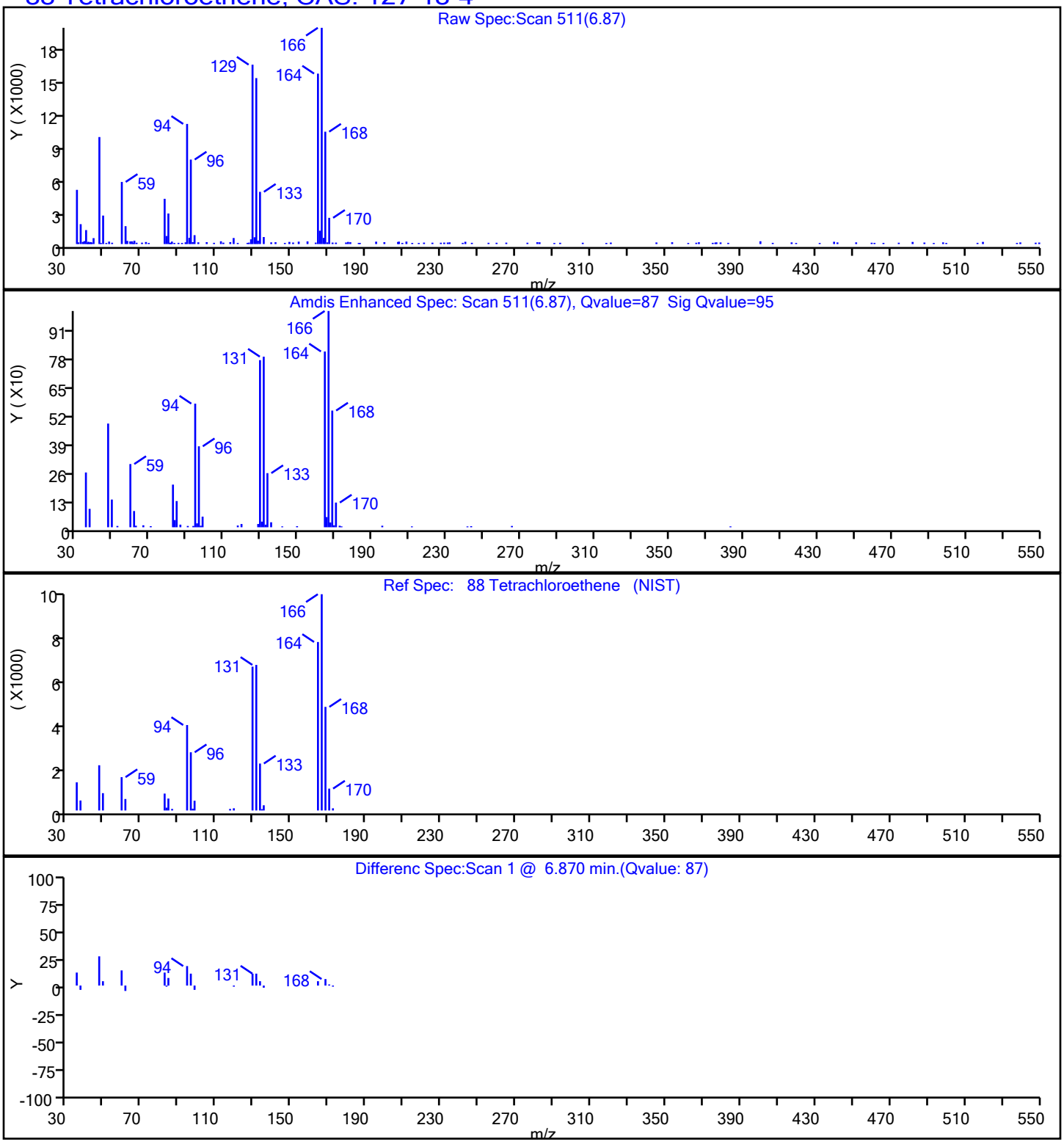
Report Date: 06-Feb-2024 14:37:51 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D

Injection Date:	06-Feb-2024 14:10:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-1	Lab Sample ID:	460-297374-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



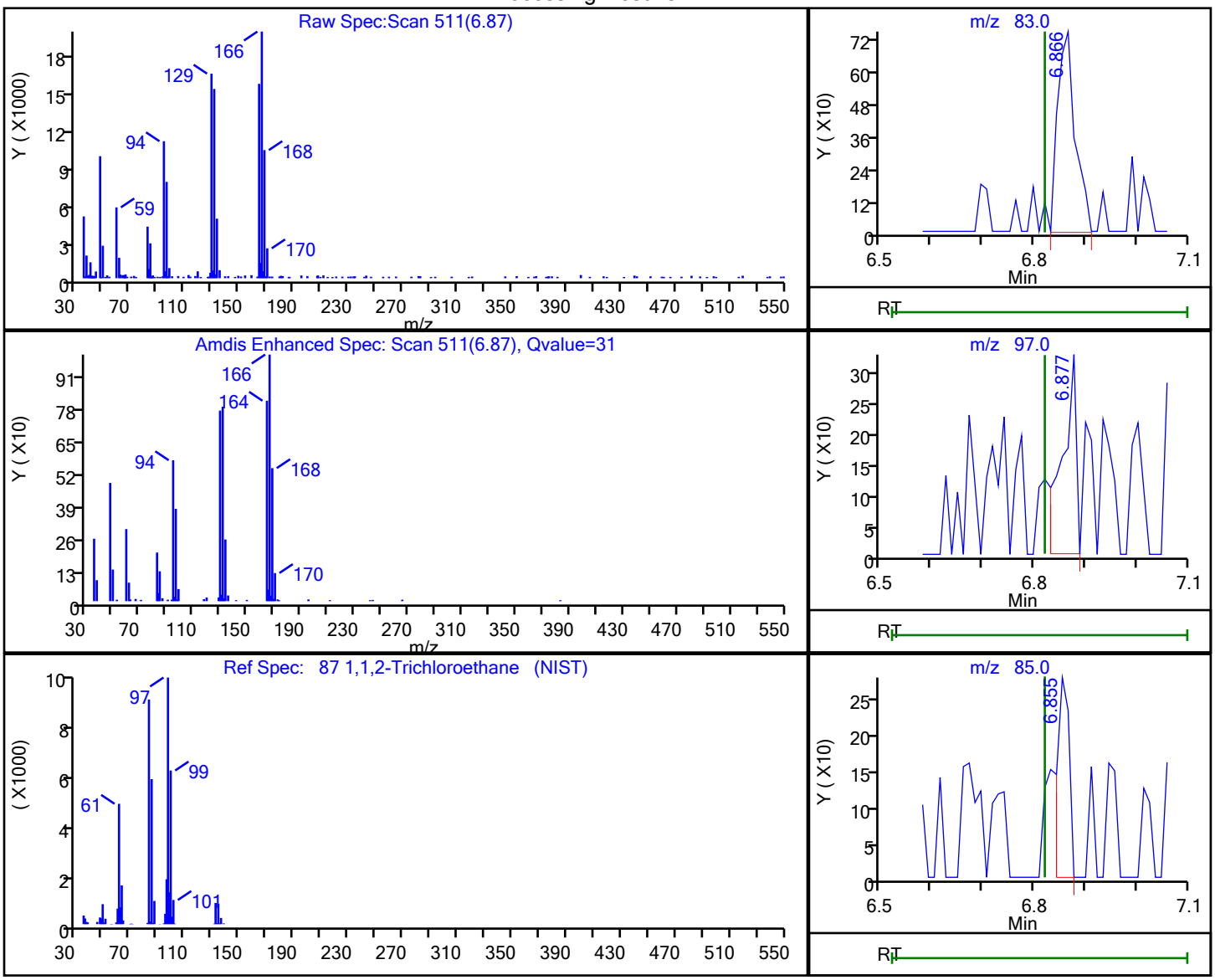
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50165.D				
Injection Date:	06-Feb-2024 14:10:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-1	Lab Sample ID:	460-297374-1		
Client ID:	A-15				
Operator ID:		ALS Bottle#:	70	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.87	83.00	1771	0.383963
6.88	97.00	616	
6.85	85.00	448	

Reviewer: K0HS, 06-Feb-2024 14:36:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: ME-8 | Lab Sample ID: 460-297374-2

Matrix: Water | Lab File ID: V50166.D

Analysis Method: 8260D | Date Collected: 01/31/2024 09:15

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 14:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	160		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.34	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: ME-8 Lab Sample ID: 460-297374-2

Matrix: Water Lab File ID: V50166.D

Analysis Method: 8260D Date Collected: 01/31/2024 09:15

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 14:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D
Lims ID: 460-297374-A-2
Client ID: ME-8
Sample Type: Client
Inject. Date: 06-Feb-2024 14:32:30 ALS Bottle#: 71 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-2
Misc. Info.: 460-0172003-021
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:28:42 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:28:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	32765	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	382850	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	192987	51.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	264259	57.0	
* 67 Fluorobenzene	96	4.408	4.420	-0.012	97	694849	50.0	
69 Trichloroethene	95	4.763	4.763	0.000	44	2217	0.3409	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	92	17611	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	862907	51.0	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	1015150	162.7	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	503512	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	212941	48.8	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	223179	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:28:43 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D

Injection Date: 06-Feb-2024 14:32:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-2 Lab Sample ID: 460-297374-2

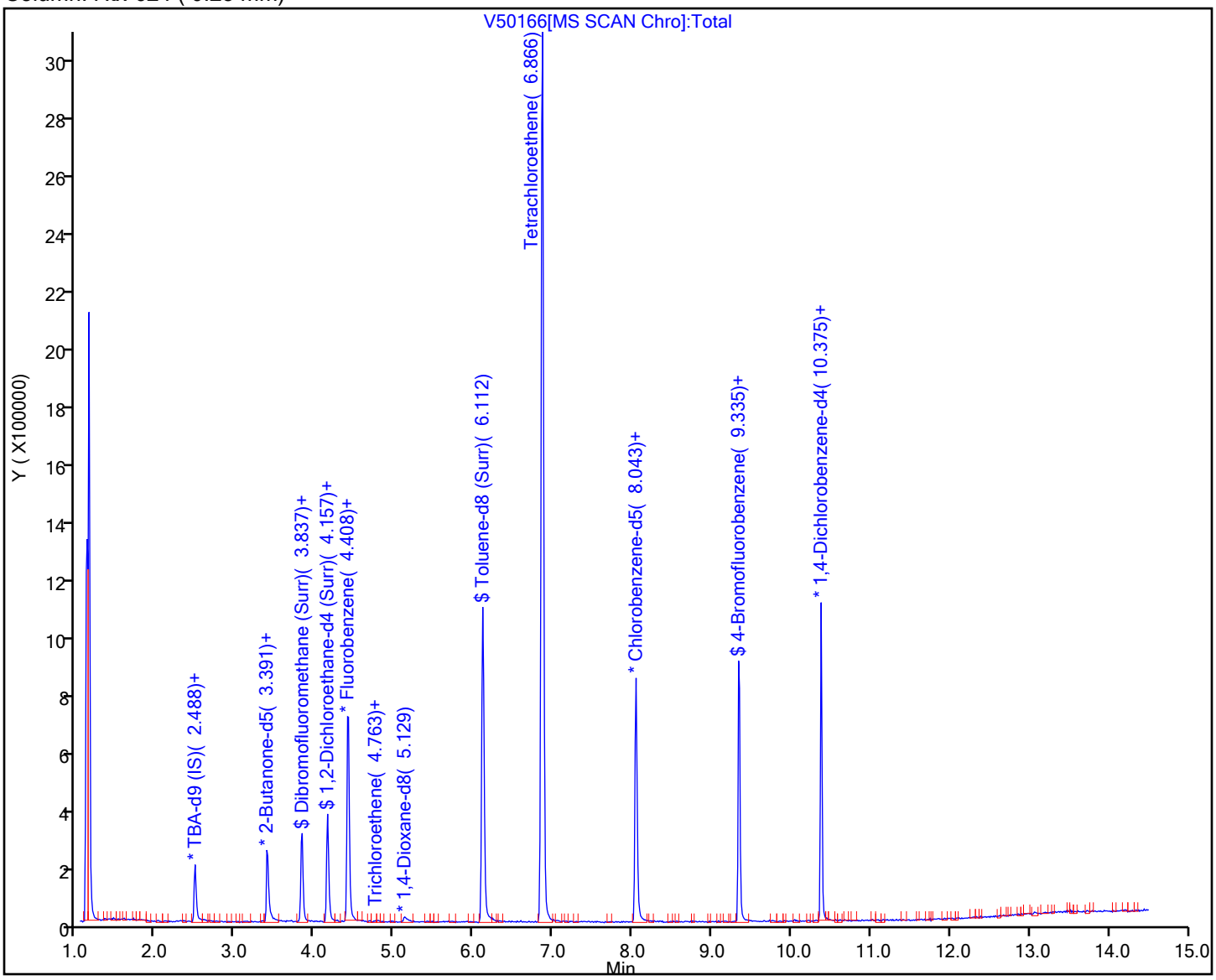
Client ID: ME-8

Operator ID: ALS Bottle#: 71 Worklist Smp#: 21

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D				
Lims ID:	460-297374-A-2				
Client ID:	ME-8				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 14:32:30	ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-2				
Misc. Info.:	460-0172003-021				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 19:28:42	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

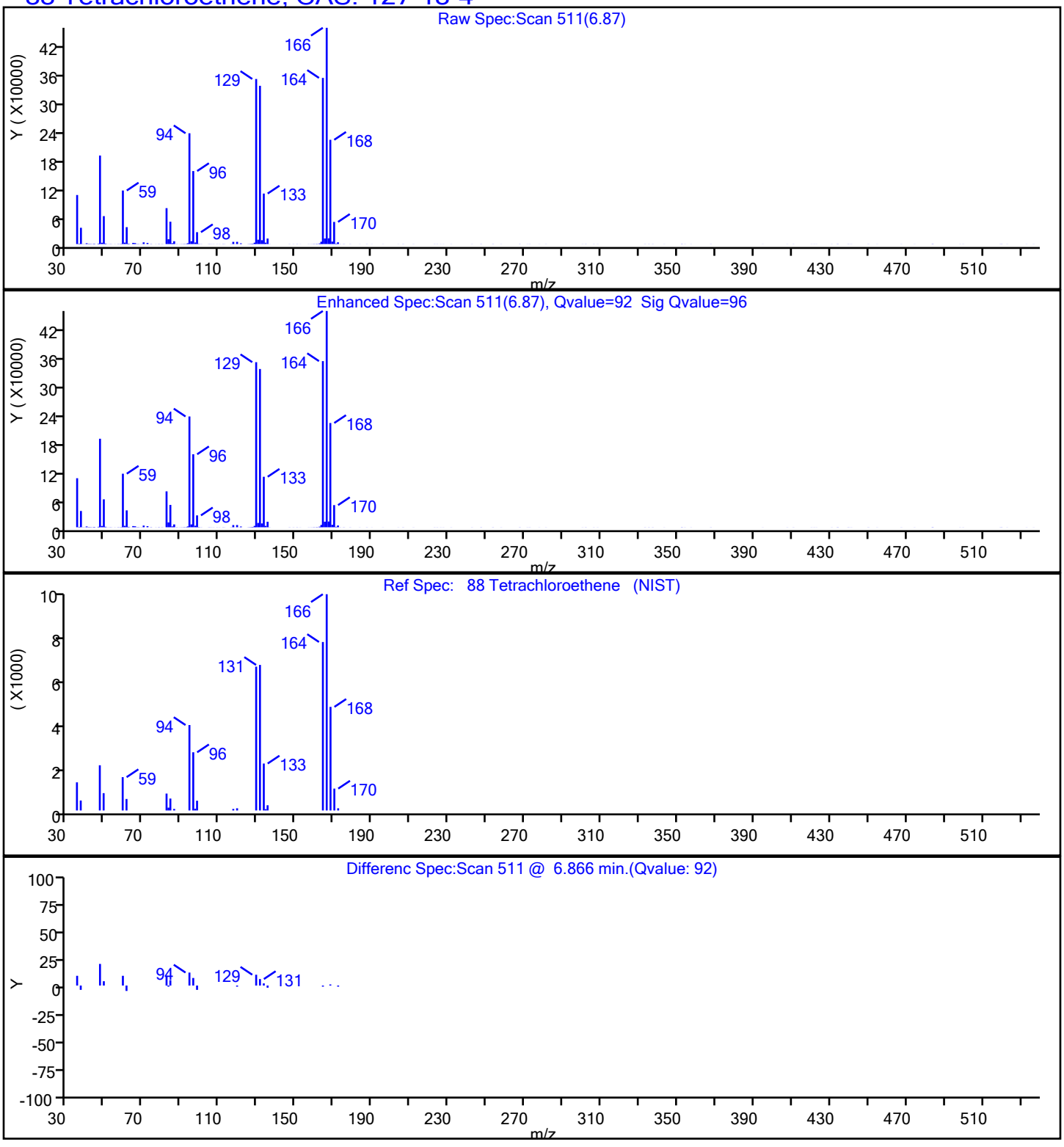
First Level Reviewer: C1JX Date: 06-Feb-2024 19:28:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	51.9	103.89
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	57.0	114.06
$ 82 Toluene-d8 (Surr)	50.0	51.0	101.93
$ 105 4-Bromofluorobenzene	50.0	48.8	97.65

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D		
Injection Date:	06-Feb-2024 14:32:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-2	Lab Sample ID:	460-297374-2
Client ID:	ME-8		
Operator ID:		ALS Bottle#:	71 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

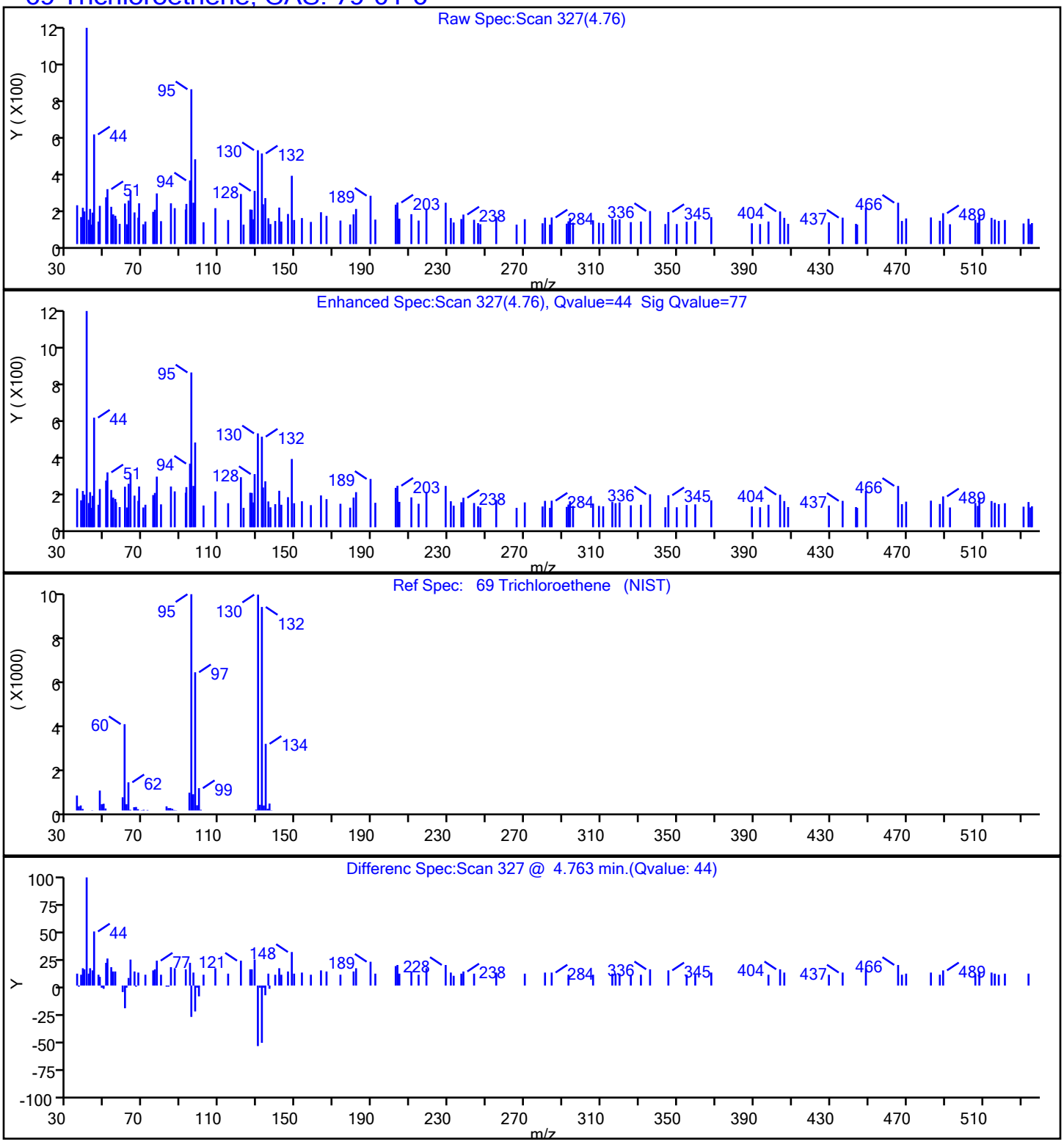
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D				
Injection Date:	06-Feb-2024 14:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-2	Lab Sample ID:	460-297374-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



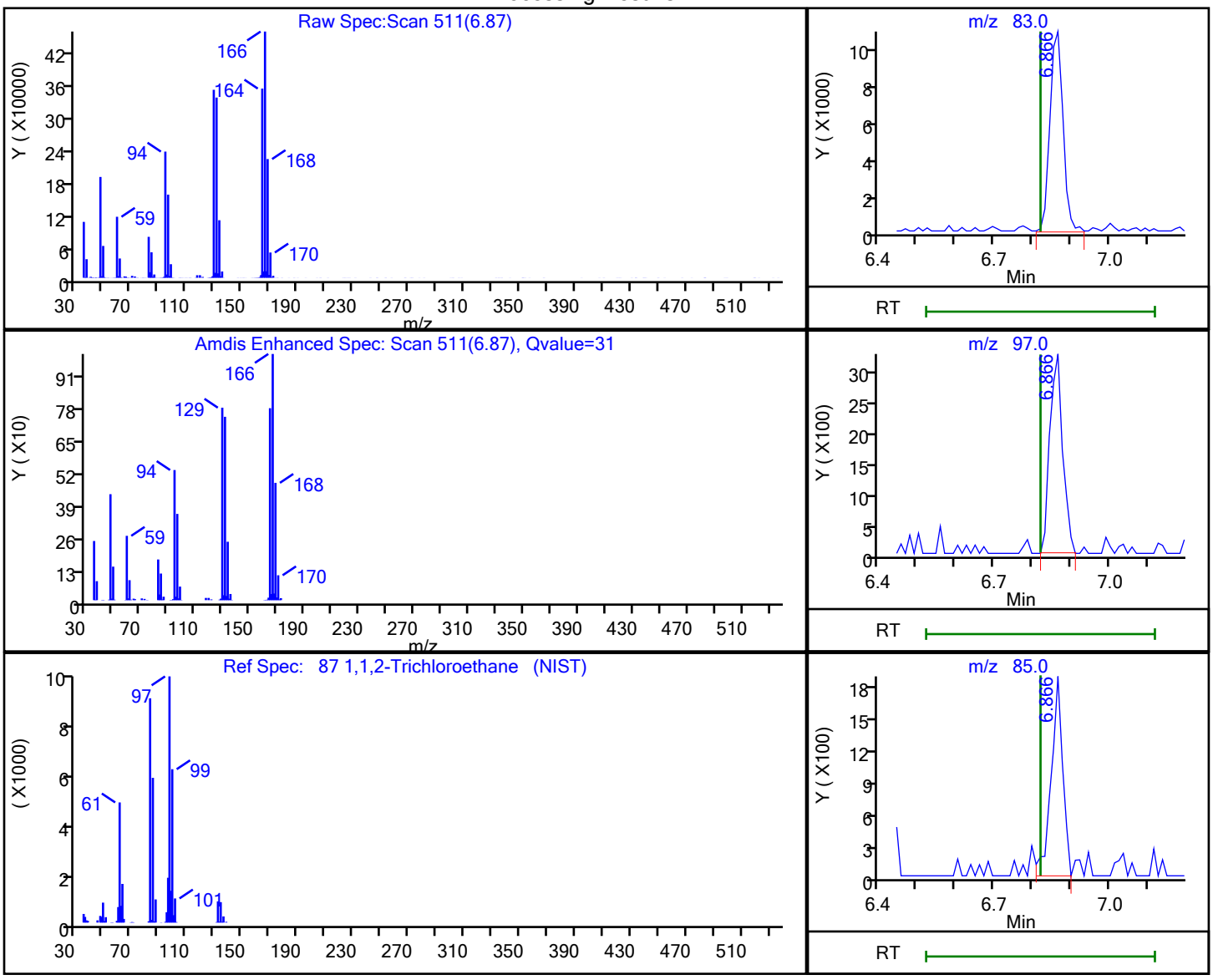
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D				
Injection Date:	06-Feb-2024 14:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-2	Lab Sample ID:	460-297374-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.87	83.00	24160	5.096842
6.87	97.00	7563	
6.87	85.00	3827	

Reviewer: C1JX, 06-Feb-2024 19:28:36 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

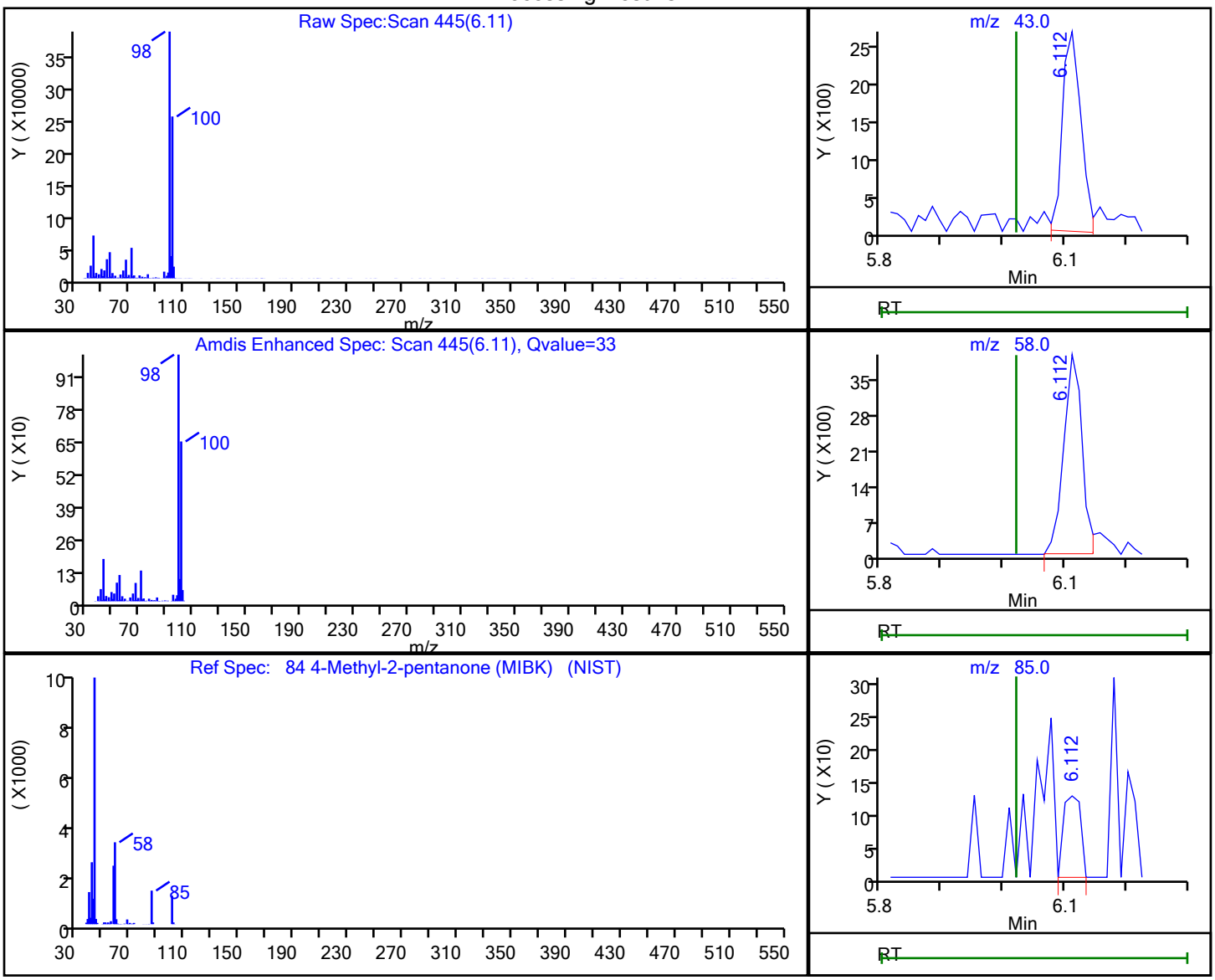
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50166.D				
Injection Date:	06-Feb-2024 14:32:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-2	Lab Sample ID:	460-297374-2		
Client ID:	ME-8				
Operator ID:		ALS Bottle#:	71	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	5538	0.794854
6.11	58.00	8207	
6.11	85.00	244	
6.11	100.00	558323	

Reviewer: C1JX, 06-Feb-2024 19:28:34 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: ME-13 | Lab Sample ID: 460-297374-3

Matrix: Water | Lab File ID: V50167.D

Analysis Method: 8260D | Date Collected: 01/31/2024 09:40

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 14:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	190		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.42	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: ME-13 Lab Sample ID: 460-297374-3

Matrix: Water Lab File ID: V50167.D

Analysis Method: 8260D Date Collected: 01/31/2024 09:40

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 14:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D
Lims ID: 460-297374-A-3
Client ID: ME-13
Sample Type: Client
Inject. Date: 06-Feb-2024 14:53:30 ALS Bottle#: 72 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-3
Misc. Info.: 460-0172003-022
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:28:59 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:28:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	30957	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	358230	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	181371	48.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	246346	52.6	
* 67 Fluorobenzene	96	4.408	4.420	-0.012	97	702625	50.0	
69 Trichloroethene	95	4.774	4.763	0.011	54	2761	0.4199	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	92	19427	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	849006	50.7	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	1181739	191.5	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	497850	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	215301	49.9	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	207003	50.0	

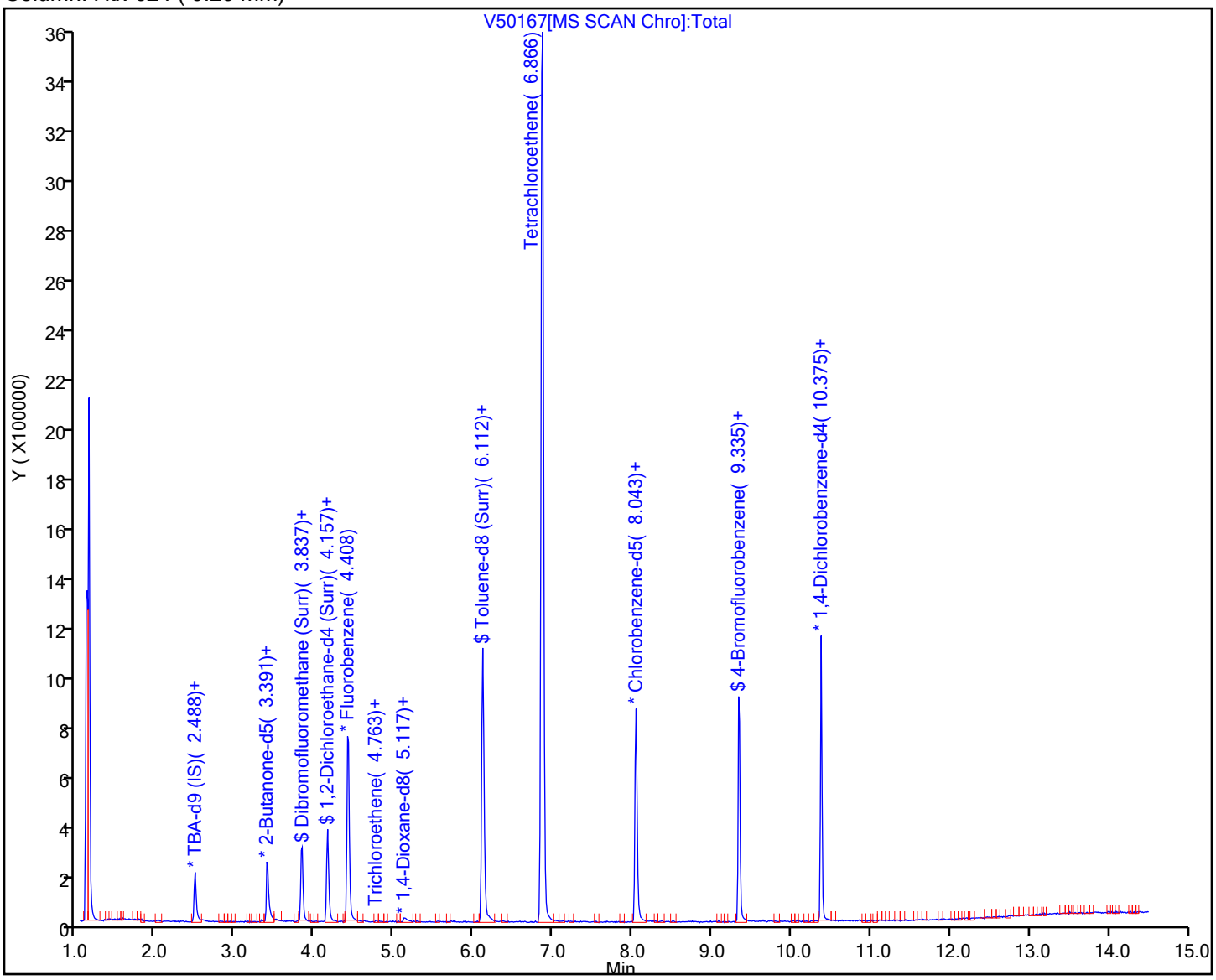
QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:29:00 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D
Injection Date: 06-Feb-2024 14:53:30 Instrument ID: CVOAMS7
Lims ID: 460-297374-A-3 Lab Sample ID: 460-297374-3
Client ID: ME-13
Operator ID: ALS Bottle#: 72 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D				
Lims ID:	460-297374-A-3				
Client ID:	ME-13				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 14:53:30	ALS Bottle#:	72	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-3				
Misc. Info.:	460-0172003-022				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 19:28:59	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

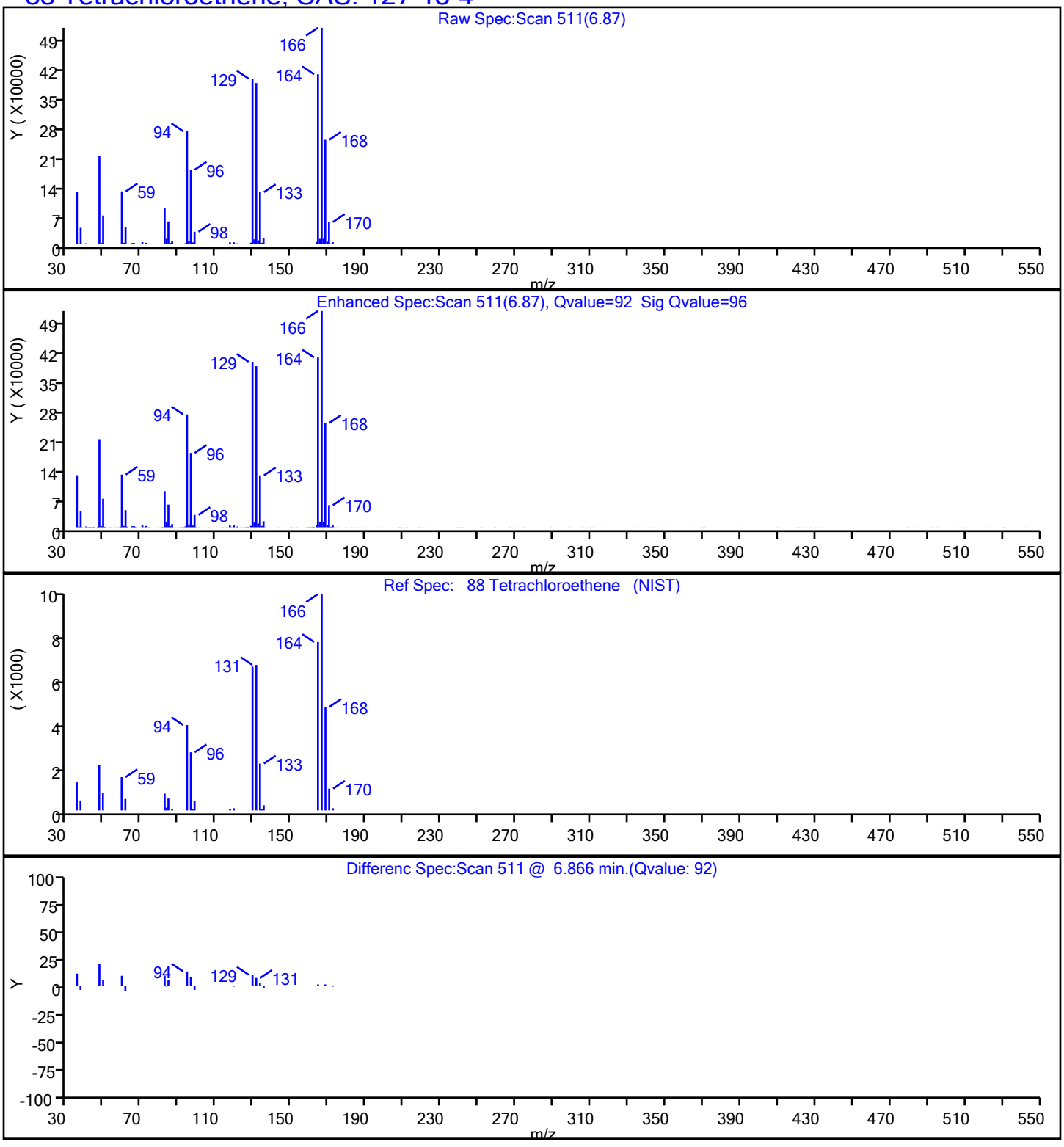
First Level Reviewer: C1JX Date: 06-Feb-2024 19:28:59

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.3	96.56
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.15
$ 82 Toluene-d8 (Surr)	50.0	50.7	101.43
$ 105 4-Bromofluorobenzene	50.0	49.9	99.85

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D		
Injection Date:	06-Feb-2024 14:53:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-3	Lab Sample ID:	460-297374-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	72 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

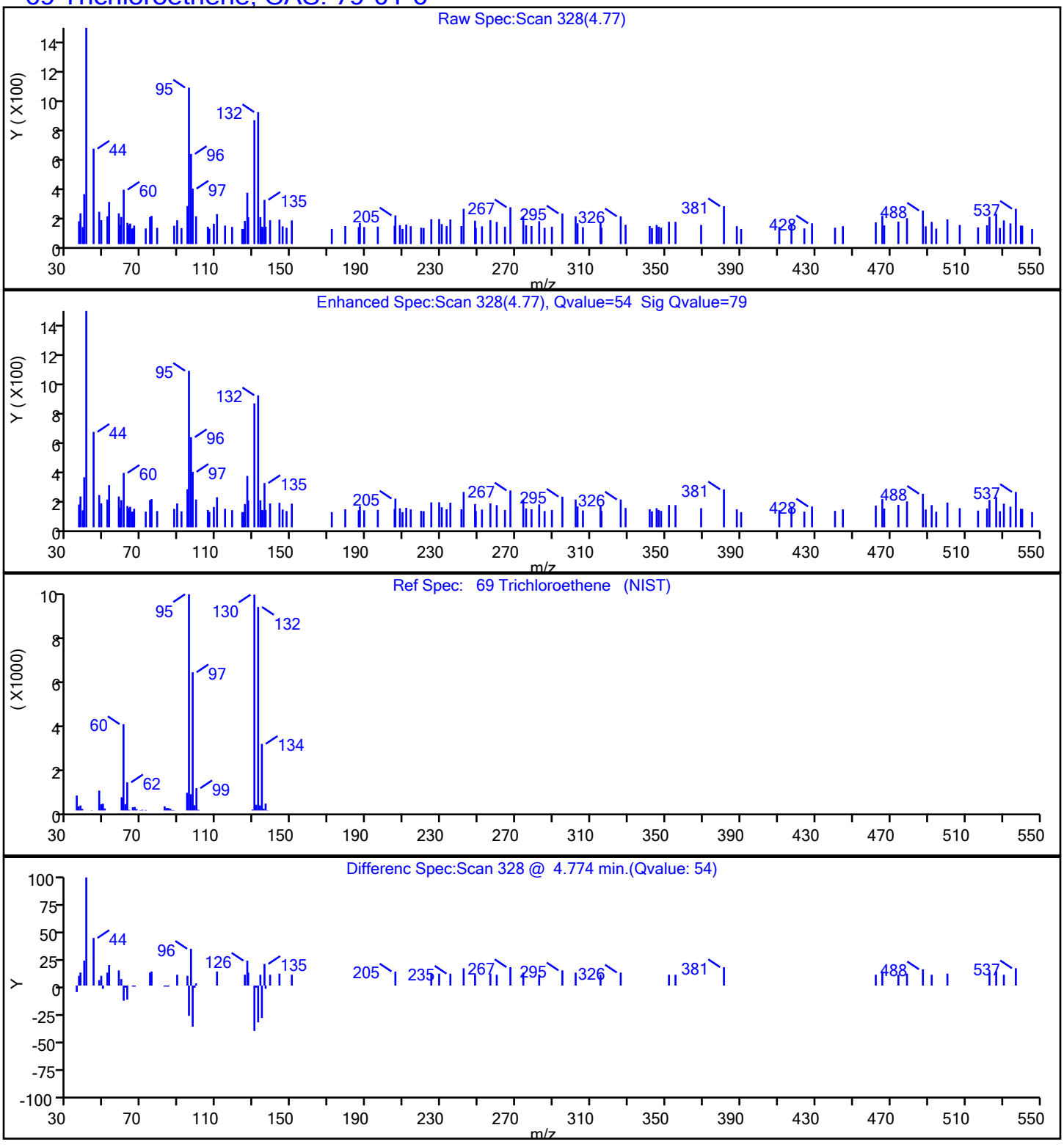
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D		
Injection Date:	06-Feb-2024 14:53:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-3	Lab Sample ID:	460-297374-3
Client ID:	ME-13		
Operator ID:		ALS Bottle#:	72 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



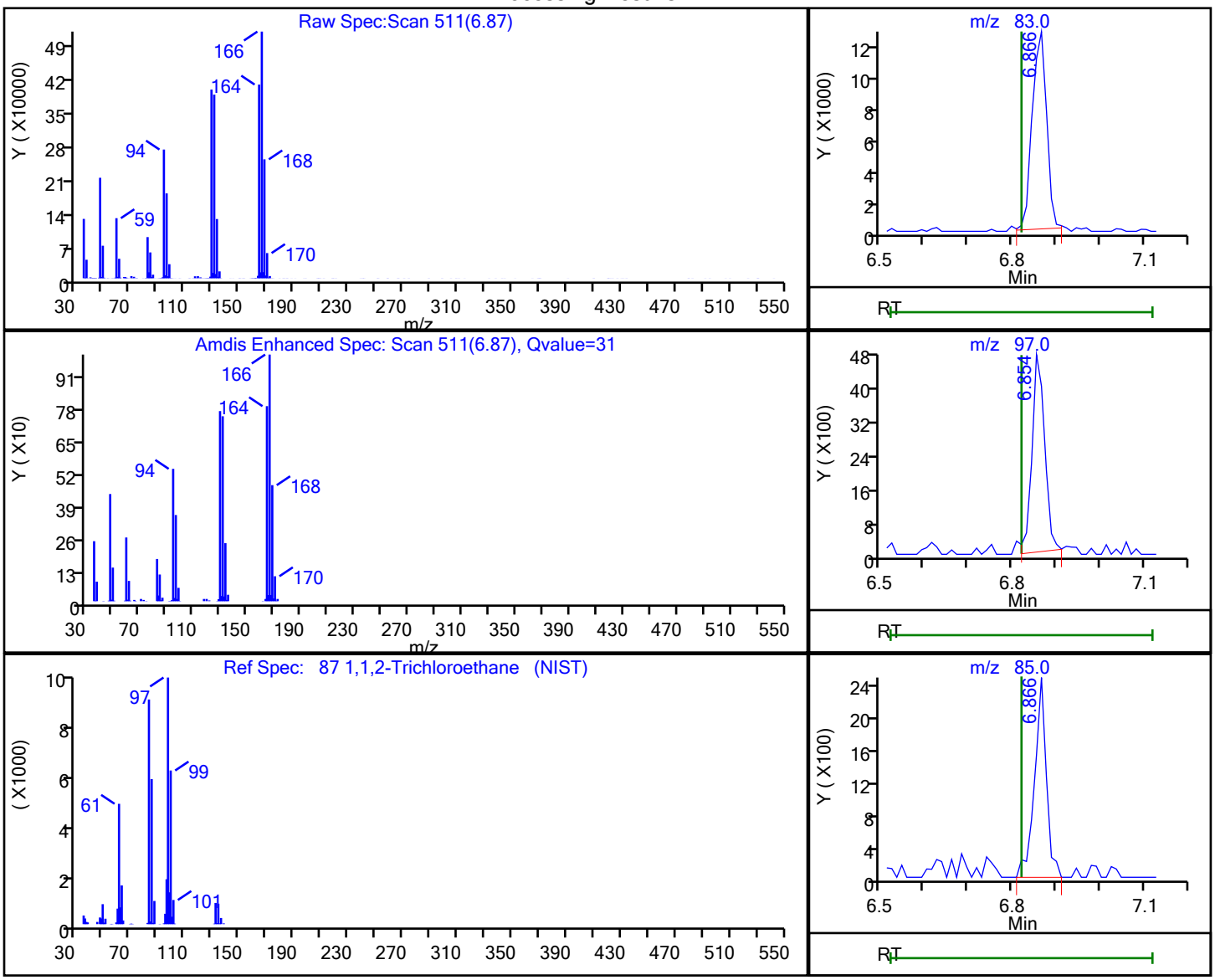
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D				
Injection Date:	06-Feb-2024 14:53:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-3	Lab Sample ID:	460-297374-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	72	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.87	83.00	28156	6.007399
6.85	97.00	9473	
6.87	85.00	4672	

Reviewer: C1JX, 06-Feb-2024 19:28:53 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

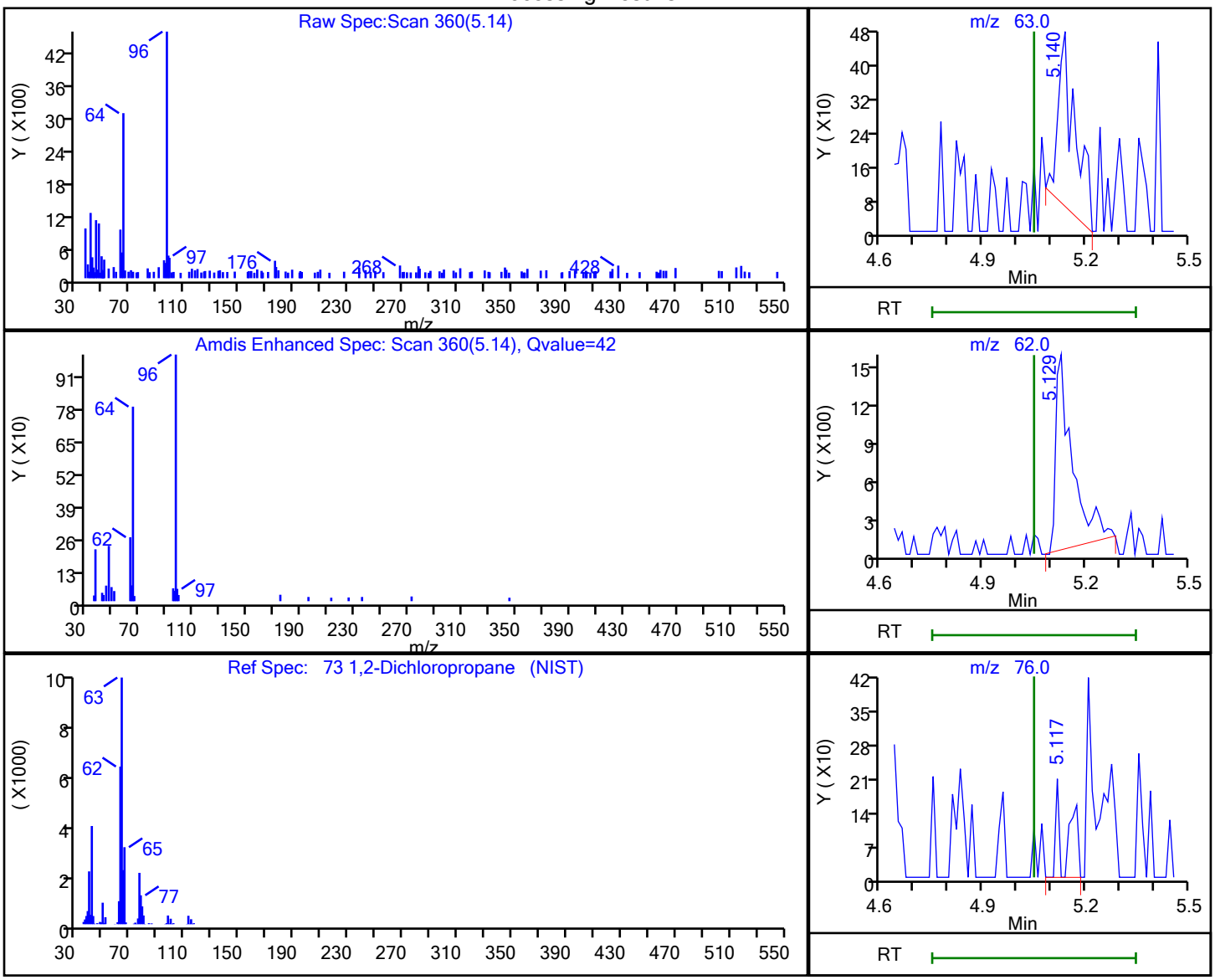
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D				
Injection Date:	06-Feb-2024 14:53:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-3	Lab Sample ID:	460-297374-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	72	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.14	63.00	1425	0.200034
5.13	62.00	5048	
5.12	76.00	407	
5.05	112.00	0	

Reviewer: C1JX, 06-Feb-2024 19:28:51 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

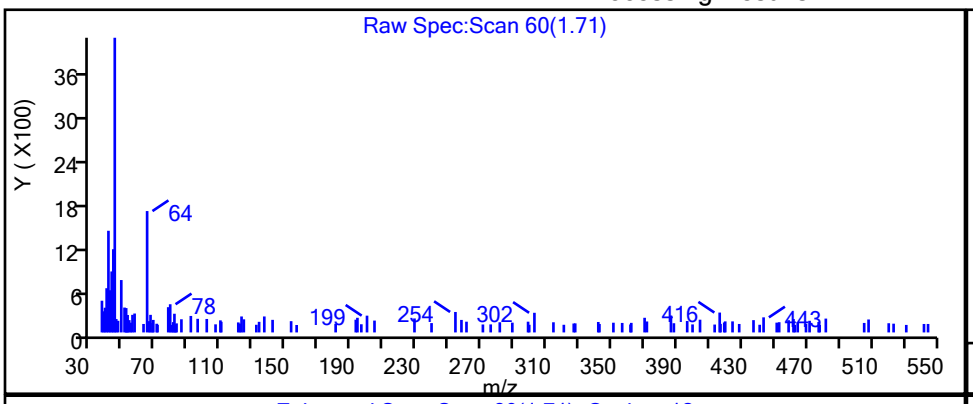
User Disabled Compound Report

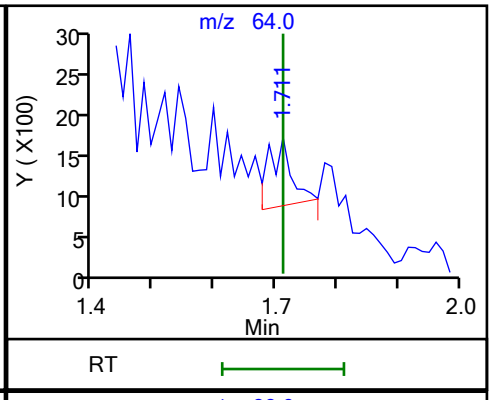
Eurofins Edison

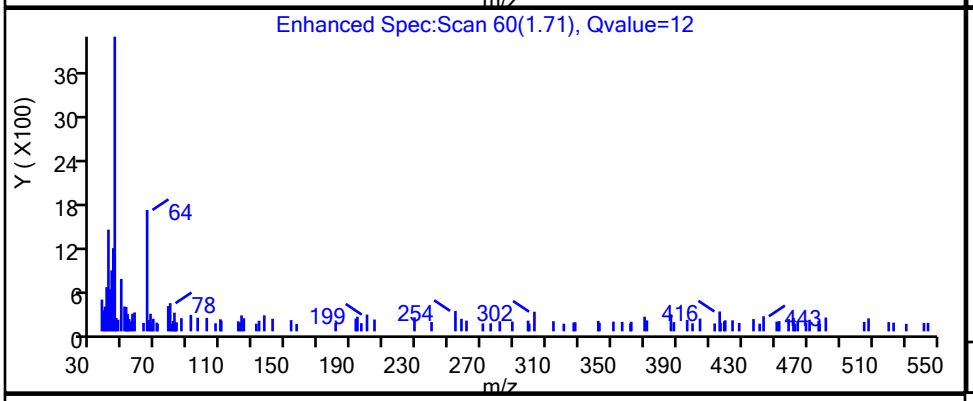
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50167.D				
Injection Date:	06-Feb-2024 14:53:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-3	Lab Sample ID:	460-297374-3		
Client ID:	ME-13				
Operator ID:		ALS Bottle#:	72	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

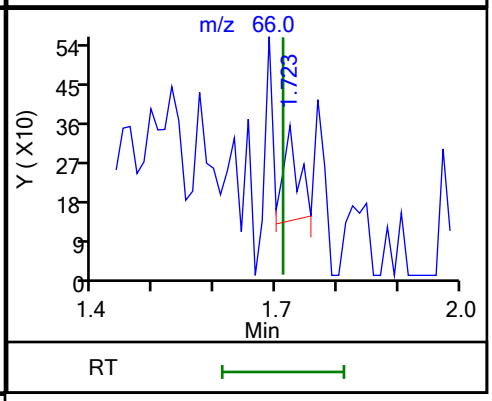
10 Chloroethane, CAS: 75-00-3

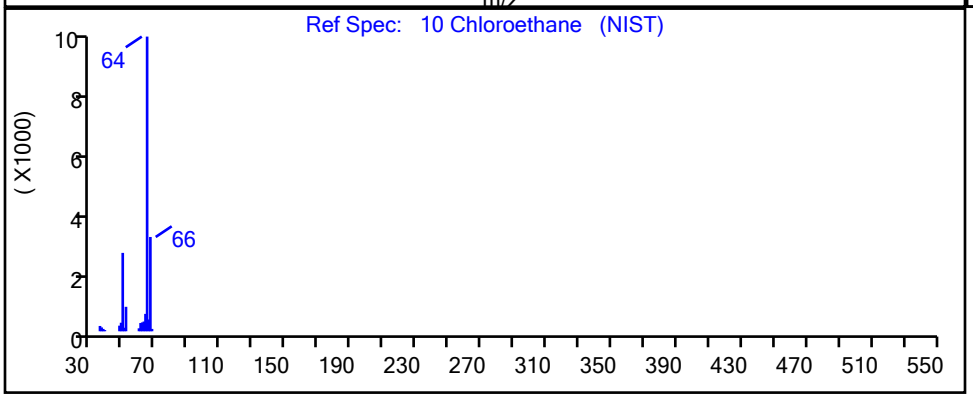
Processing Results











RT	Mass	Response	Amount
1.71	64.00	2120	0.373112
1.72	66.00	380	

Reviewer: C1JX, 06-Feb-2024 19:28:49 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: MW-113 | Lab Sample ID: 460-297374-4

Matrix: Water | Lab File ID: V50220.D

Analysis Method: 8260D | Date Collected: 01/31/2024 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 13:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	0.98	J	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: MW-113 Lab Sample ID: 460-297374-4

Matrix: Water Lab File ID: V50220.D

Analysis Method: 8260D Date Collected: 01/31/2024 10:20

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 13:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50220.D
Lims ID: 460-297374-B-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 07-Feb-2024 13:30:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-B-4
Misc. Info.: 460-0172054-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:37:28 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:39:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.489	2.488	0.000	97	26463	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	314714	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	184954	52.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	225678	51.2	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	660547	50.0	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	91	16908	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	816372	51.4	
88 Tetrachloroethene	166	6.866	6.866	0.000	88	5714	0.9767	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	472103	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	222764	54.5	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	213702	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 07-Feb-2024 14:39:43 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50220.D

Injection Date: 07-Feb-2024 13:30:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-B-4 Lab Sample ID: 460-297374-4

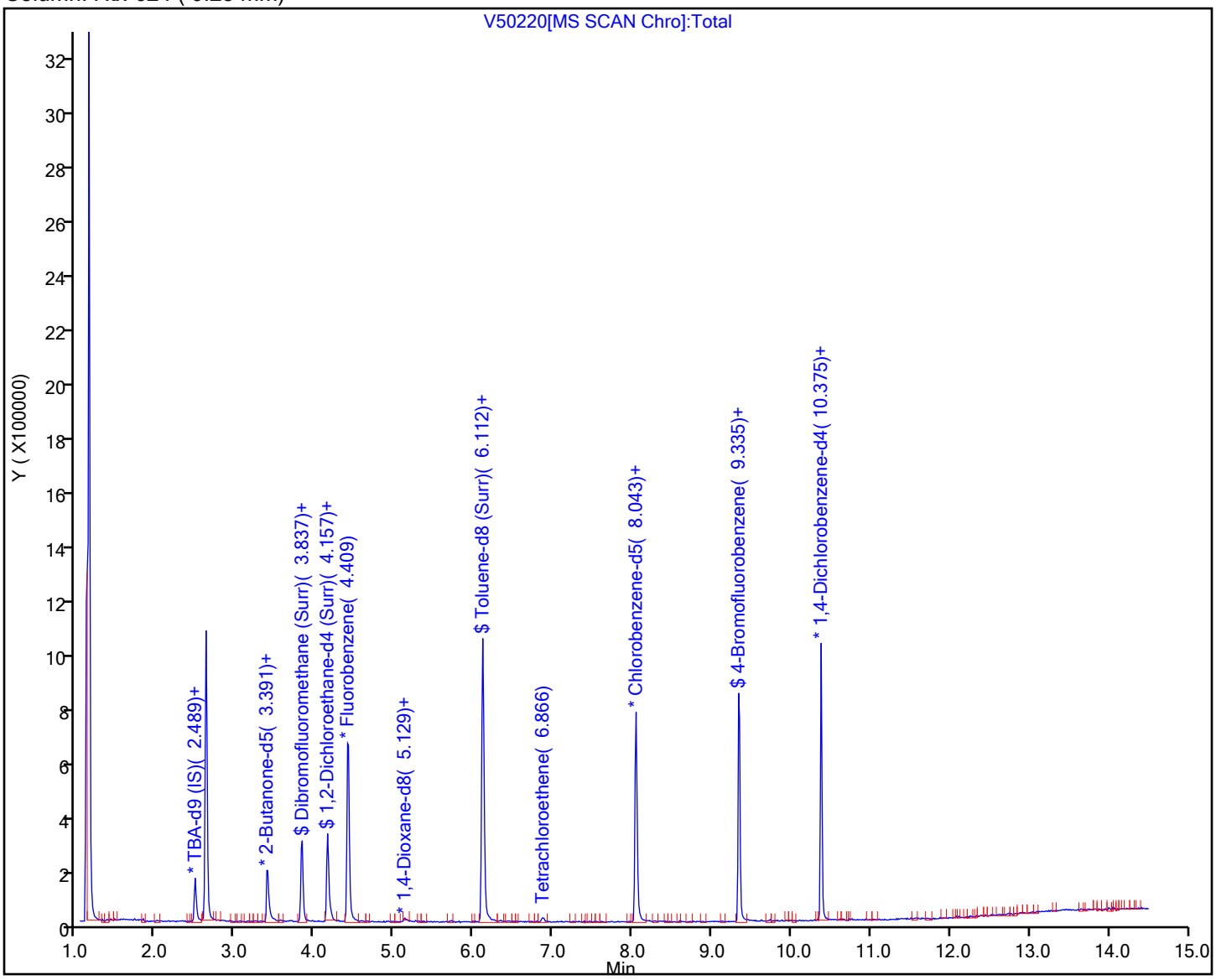
Client ID: MW-113

Operator ID: ALS Bottle#: 60 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50220.D
Lims ID: 460-297374-B-4
Client ID: MW-113
Sample Type: Client
Inject. Date: 07-Feb-2024 13:30:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-B-4
Misc. Info.: 460-0172054-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:37:28 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

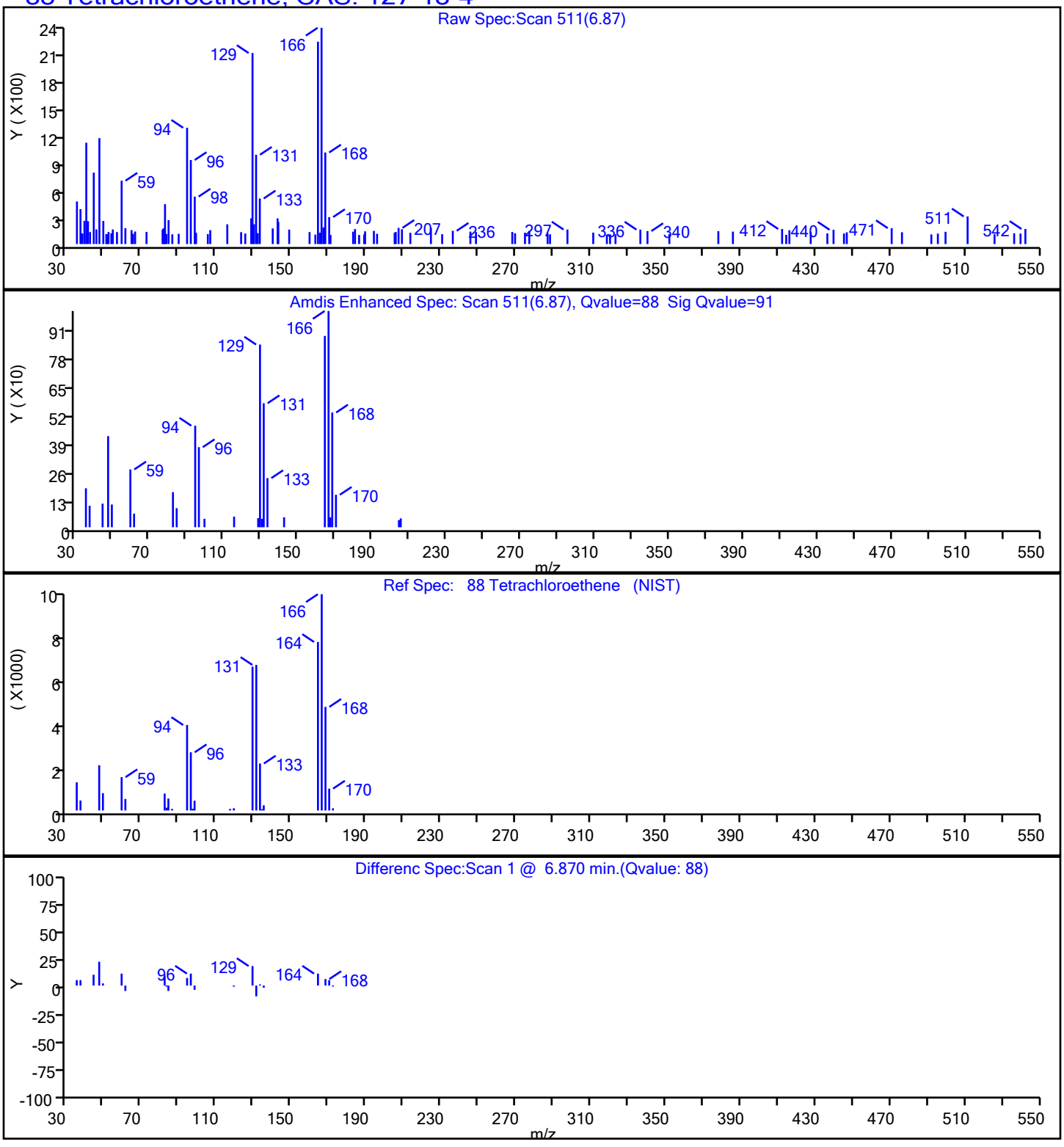
First Level Reviewer: XE5L Date: 07-Feb-2024 14:39:42

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.4	104.74
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.47
$ 82 Toluene-d8 (Surr)	50.0	51.4	102.85
$ 105 4-Bromofluorobenzene	50.0	54.5	108.95

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50220.D		
Injection Date:	07-Feb-2024 13:30:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-4	Lab Sample ID:	460-297374-4
Client ID:	MW-113		
Operator ID:		ALS Bottle#:	60 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 | Lab Sample ID: 460-297374-5

Matrix: Water | Lab File ID: V50164.D

Analysis Method: 8260D | Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 13:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	11		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 Lab Sample ID: 460-297374-5

Matrix: Water Lab File ID: V50164.D

Analysis Method: 8260D Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 13:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D
Lims ID: 460-297374-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 06-Feb-2024 13:49:30 ALS Bottle#: 69 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-5
Misc. Info.: 460-0172003-019
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:17:42 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 06-Feb-2024 14:35:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	98	29367	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	98	373803	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	94	196363	50.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	261445	53.5	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	732368	50.0	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	90	18552	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	879565	51.3	
88 Tetrachloroethene	166	6.866	6.866	0.000	90	69386	11.0	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	509462	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	223905	50.7	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	217289	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 21:17:42 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D

Injection Date: 06-Feb-2024 13:49:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-5 Lab Sample ID: 460-297374-5

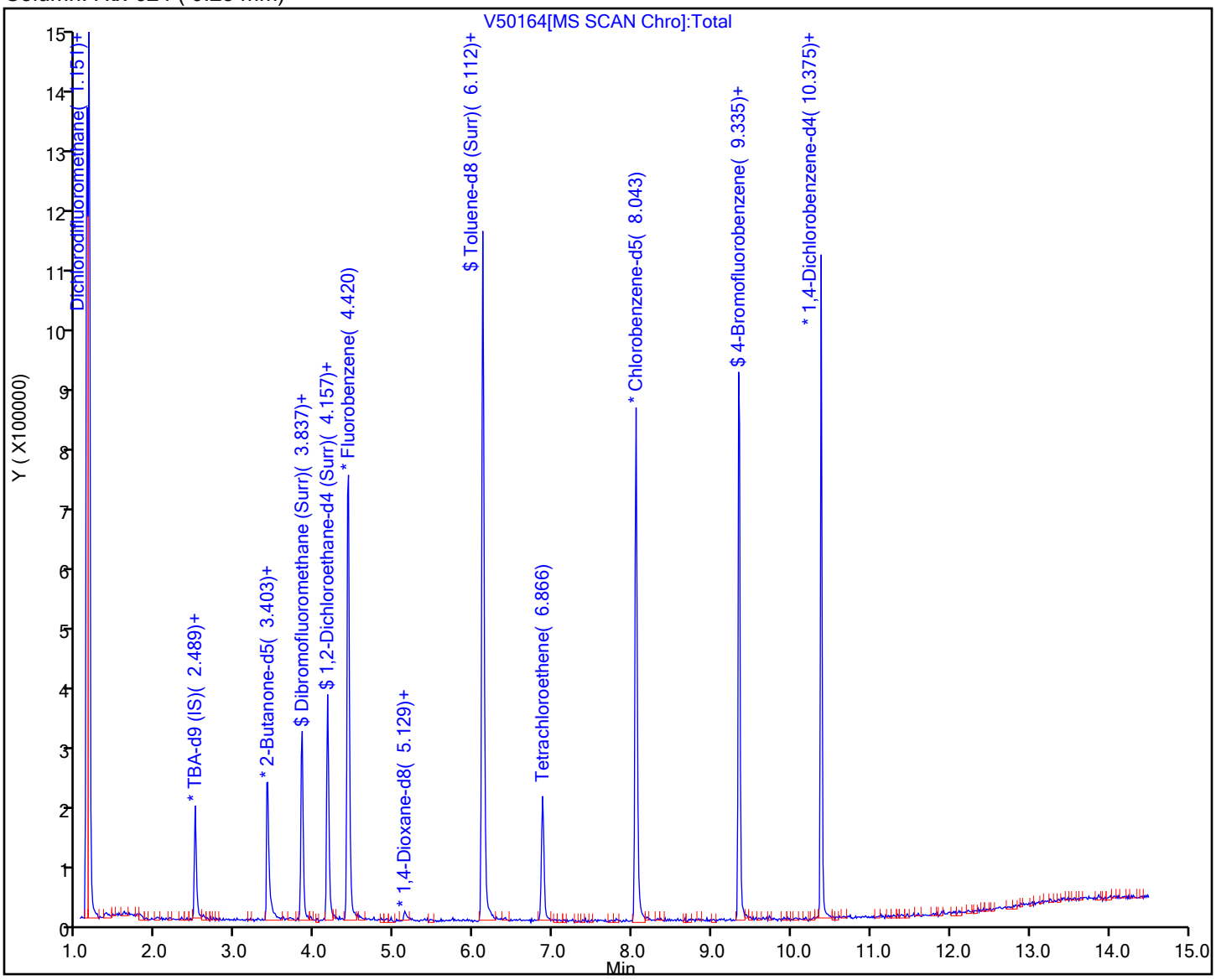
Client ID: A-02

Operator ID: ALS Bottle#: 69 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D
Lims ID: 460-297374-A-5
Client ID: A-02
Sample Type: Client
Inject. Date: 06-Feb-2024 13:49:30 ALS Bottle#: 69 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-5
Misc. Info.: 460-0172003-019
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:17:42 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 06-Feb-2024 14:35:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.1	100.29
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.5	107.06
$ 82 Toluene-d8 (Surr)	50.0	51.3	102.69
$ 105 4-Bromofluorobenzene	50.0	50.7	101.48

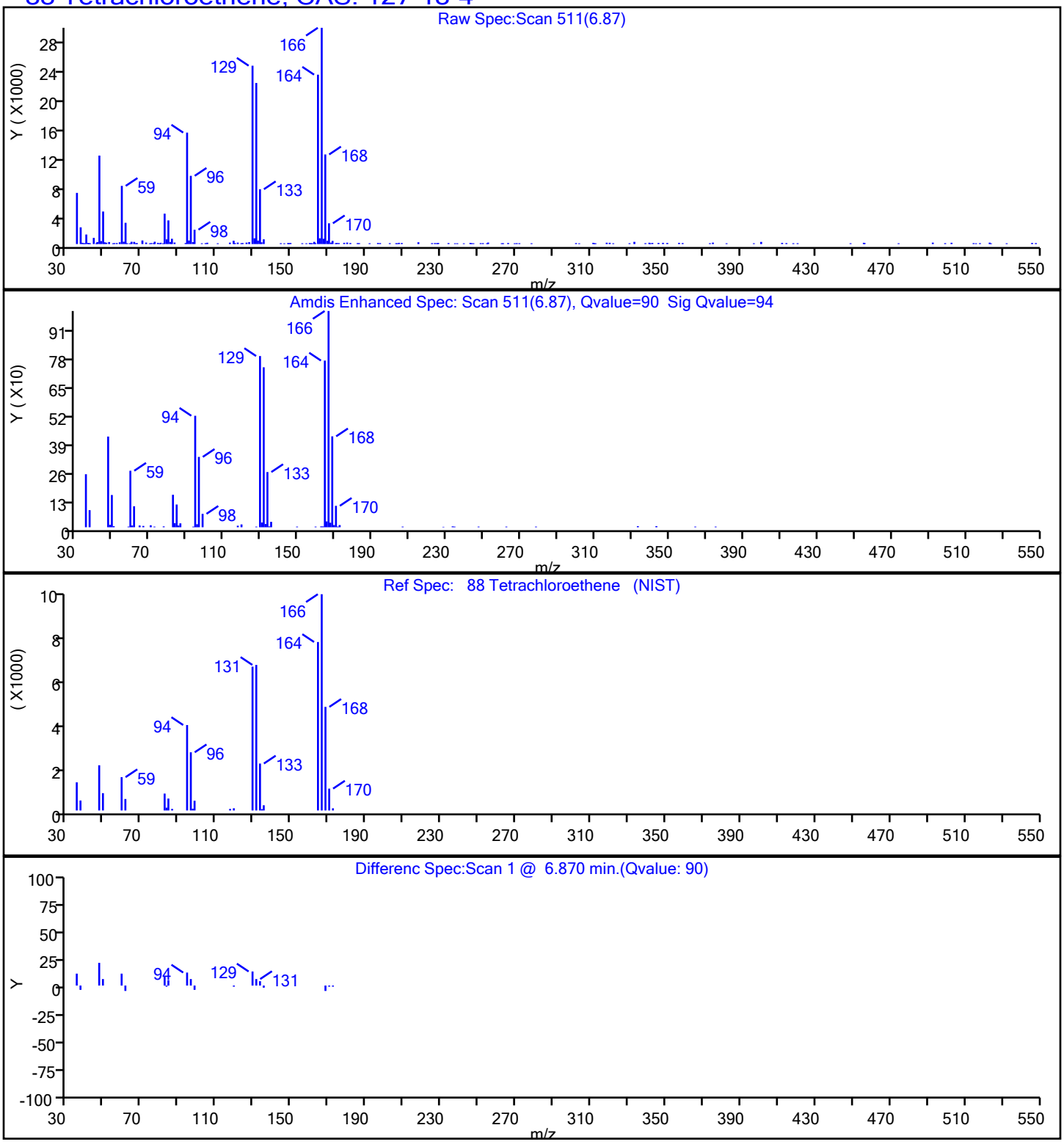
Report Date: 06-Feb-2024 21:17:43 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D

Injection Date:	06-Feb-2024 13:49:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-5	Lab Sample ID:	460-297374-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4



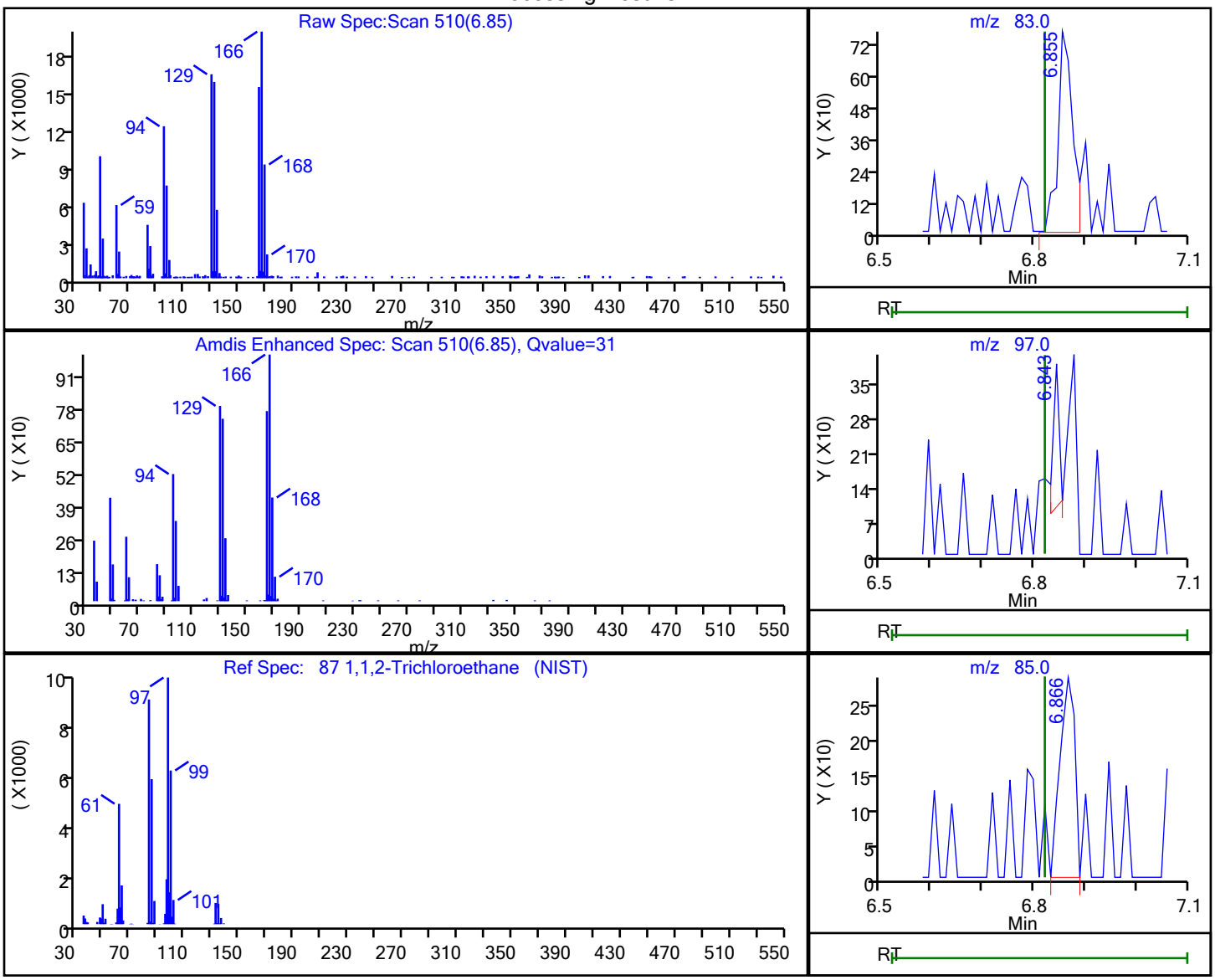
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D				
Injection Date:	06-Feb-2024 13:49:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-5	Lab Sample ID:	460-297374-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.85	83.00	1539	0.320879
6.84	97.00	239	
6.87	85.00	570	

Reviewer: K0HS, 06-Feb-2024 14:35:08 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

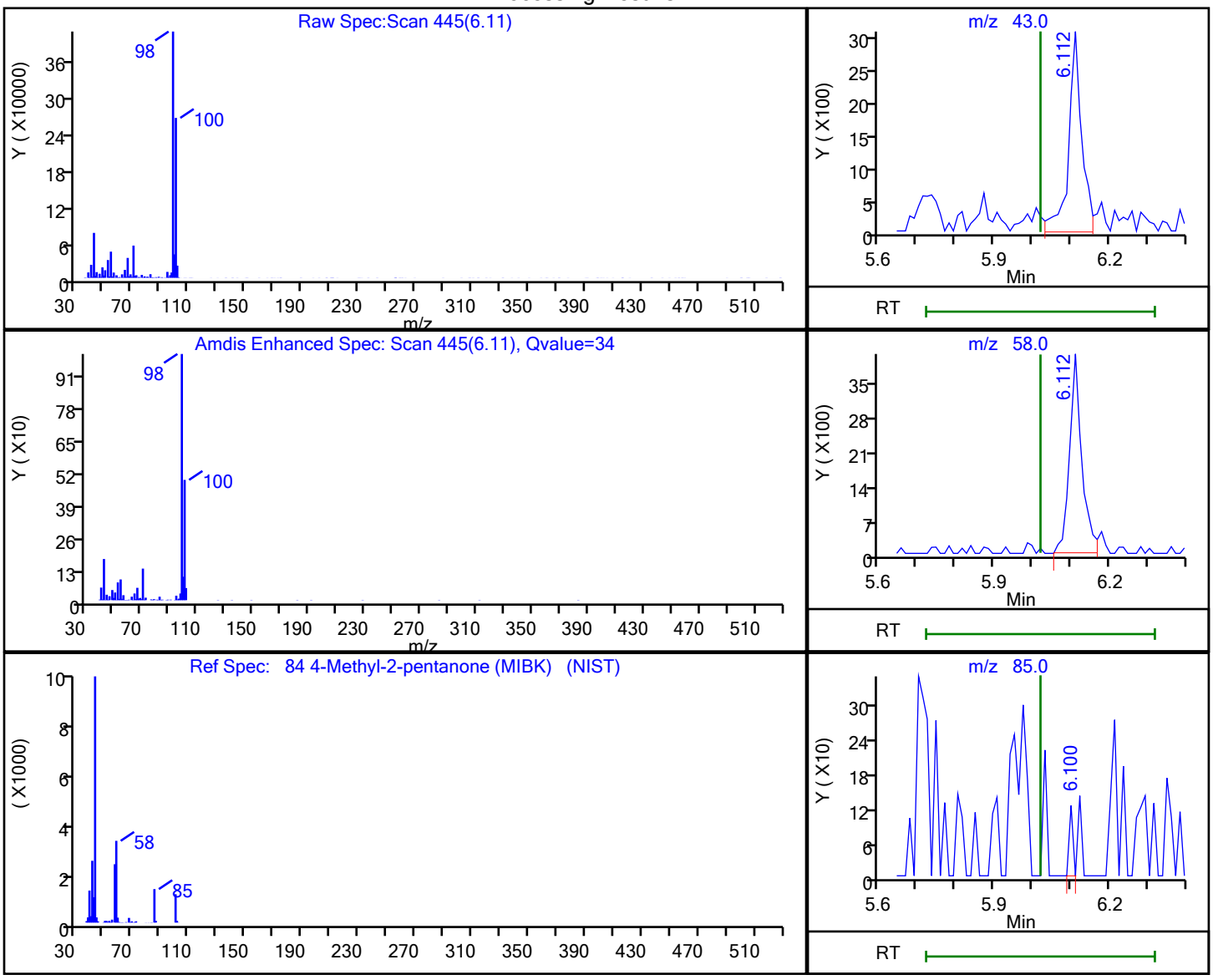
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50164.D				
Injection Date:	06-Feb-2024 13:49:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-5	Lab Sample ID:	460-297374-5		
Client ID:	A-02				
Operator ID:		ALS Bottle#:	69	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	7281	1.070315
6.11	58.00	9131	
6.10	85.00	84	
6.11	100.00	571557	

Reviewer: K0HS, 06-Feb-2024 14:35:07 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-297374-6

Matrix: Water | Lab File ID: V50221.D

Analysis Method: 8260D | Date Collected: 01/31/2024 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 13:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	17		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.40	J	1.0	0.33
74-87-3	Chloromethane	1.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	280		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.60	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-06 | Lab Sample ID: 460-297374-6

Matrix: Water | Lab File ID: V50221.D

Analysis Method: 8260D | Date Collected: 01/31/2024 11:30

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 13:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	115		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D
Lims ID: 460-297374-B-6
Client ID: A-06
Sample Type: Client
Inject. Date: 07-Feb-2024 13:51:30 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-B-6
Misc. Info.: 460-0172054-012
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:40:30 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:40:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.380	1.380	0.000	99	15531	1.80	
23 Acetone	43	2.237	2.226	0.011	83	28816	16.9	
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	29128	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	327994	250.0	
51 Chloroform	83	3.688	3.689	-0.001	95	4626	0.4027	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	96	201499	55.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	257405	56.6	
* 67 Fluorobenzene	96	4.409	4.420	-0.012	98	681685	50.0	
69 Trichloroethene	95	4.786	4.774	0.012	92	3851	0.6036	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	91	18968	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	878230	52.7	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	1746234	284.6	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	495172	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	246807	57.5	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	229947	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 07-Feb-2024 14:40:30 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D

Injection Date: 07-Feb-2024 13:51:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-B-6 Lab Sample ID: 460-297374-6

Client ID: A-06

Operator ID: ALS Bottle#: 61 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

2/8/2024
1:36:58 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D				
Lims ID:	460-297374-B-6				
Client ID:	A-06				
Sample Type:	Client				
Inject. Date:	07-Feb-2024 13:51:30	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-B-6				
Misc. Info.:	460-0172054-012				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-Feb-2024 14:40:30	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1636				

First Level Reviewer: XE5L Date: 07-Feb-2024 14:40:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	55.3	110.57
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	56.6	113.25
$ 82 Toluene-d8 (Surr)	50.0	52.7	105.49
$ 105 4-Bromofluorobenzene	50.0	57.5	115.08

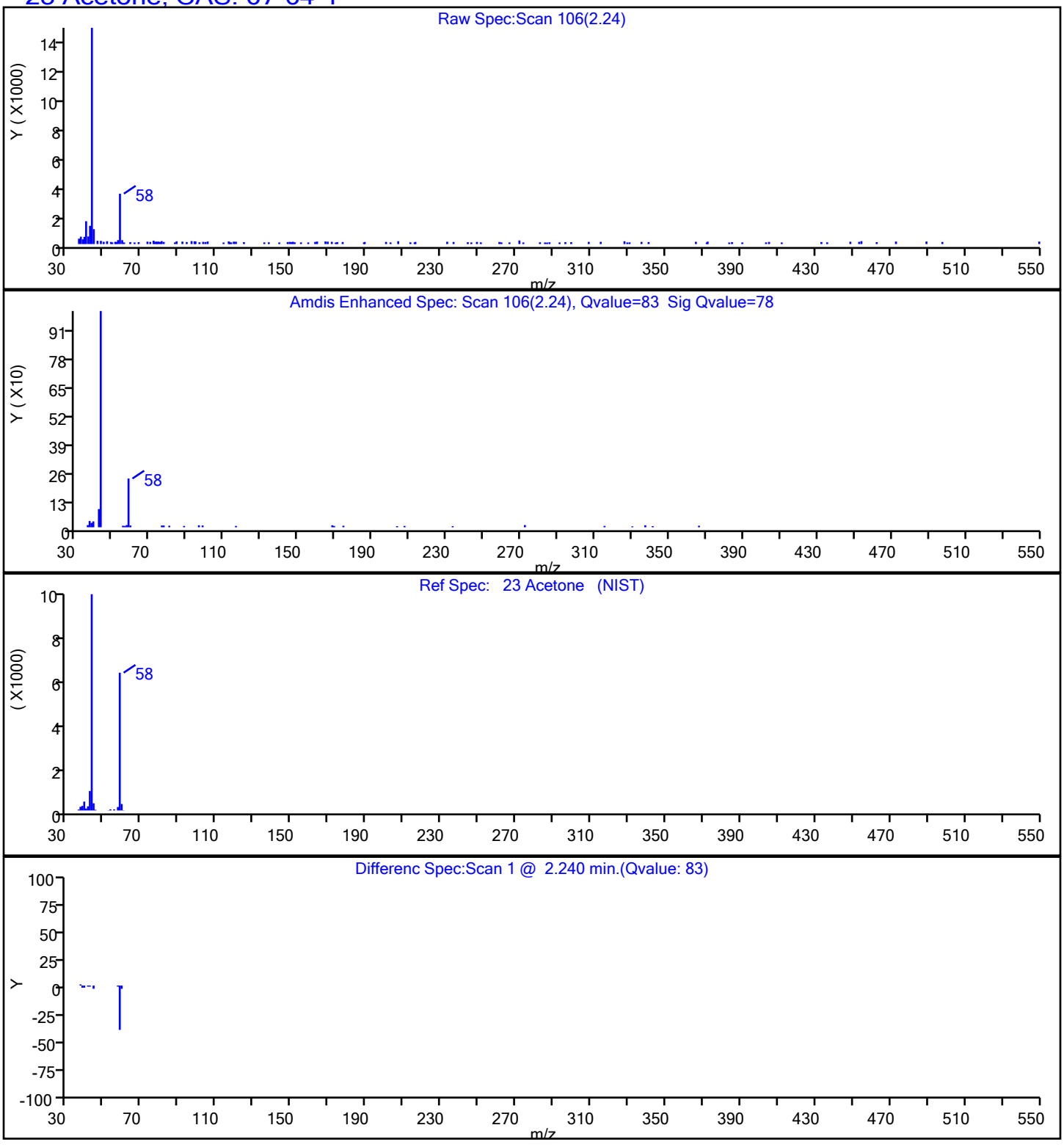
Report Date: 07-Feb-2024 14:40:30 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D

Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

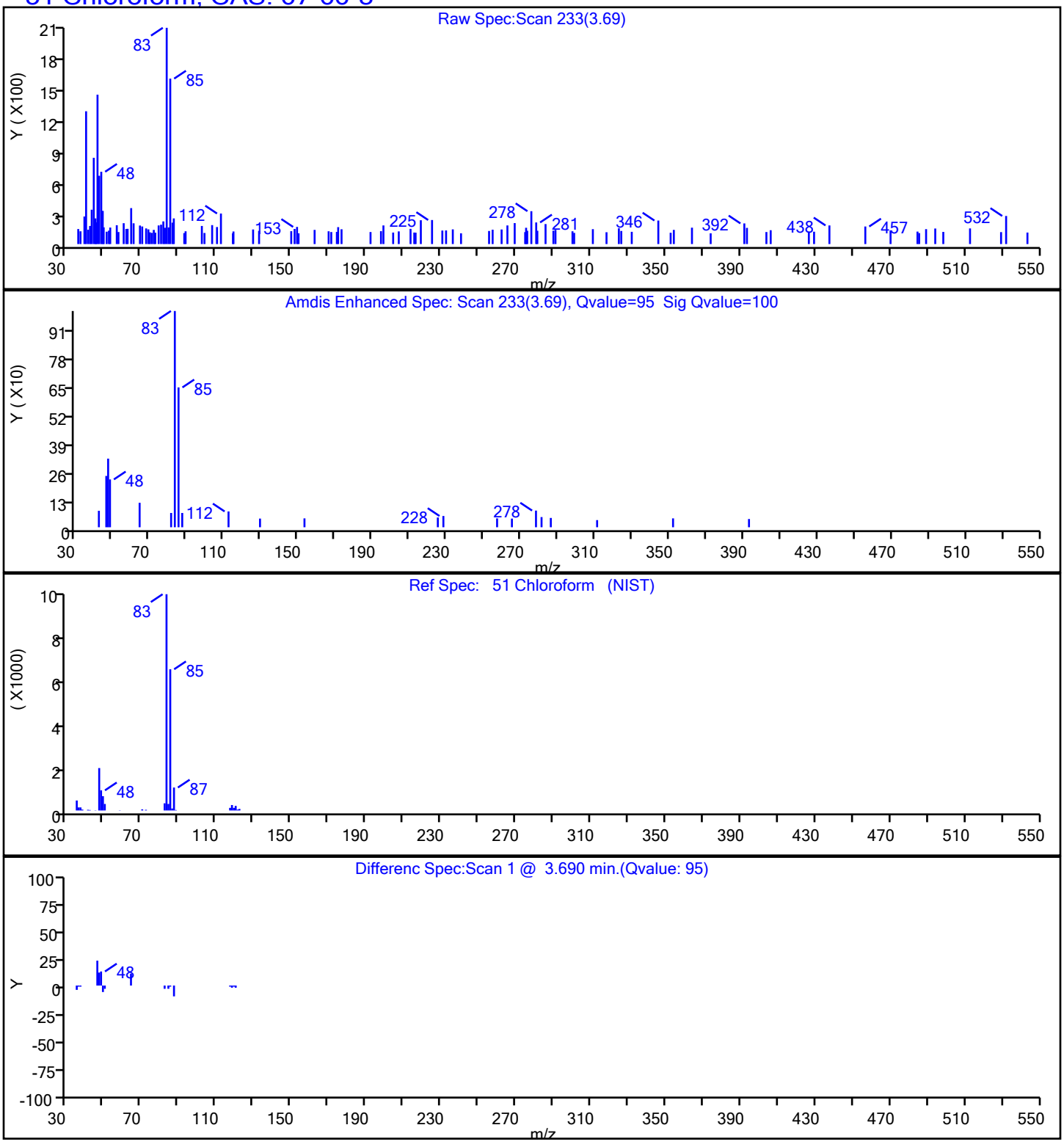
23 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D				
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

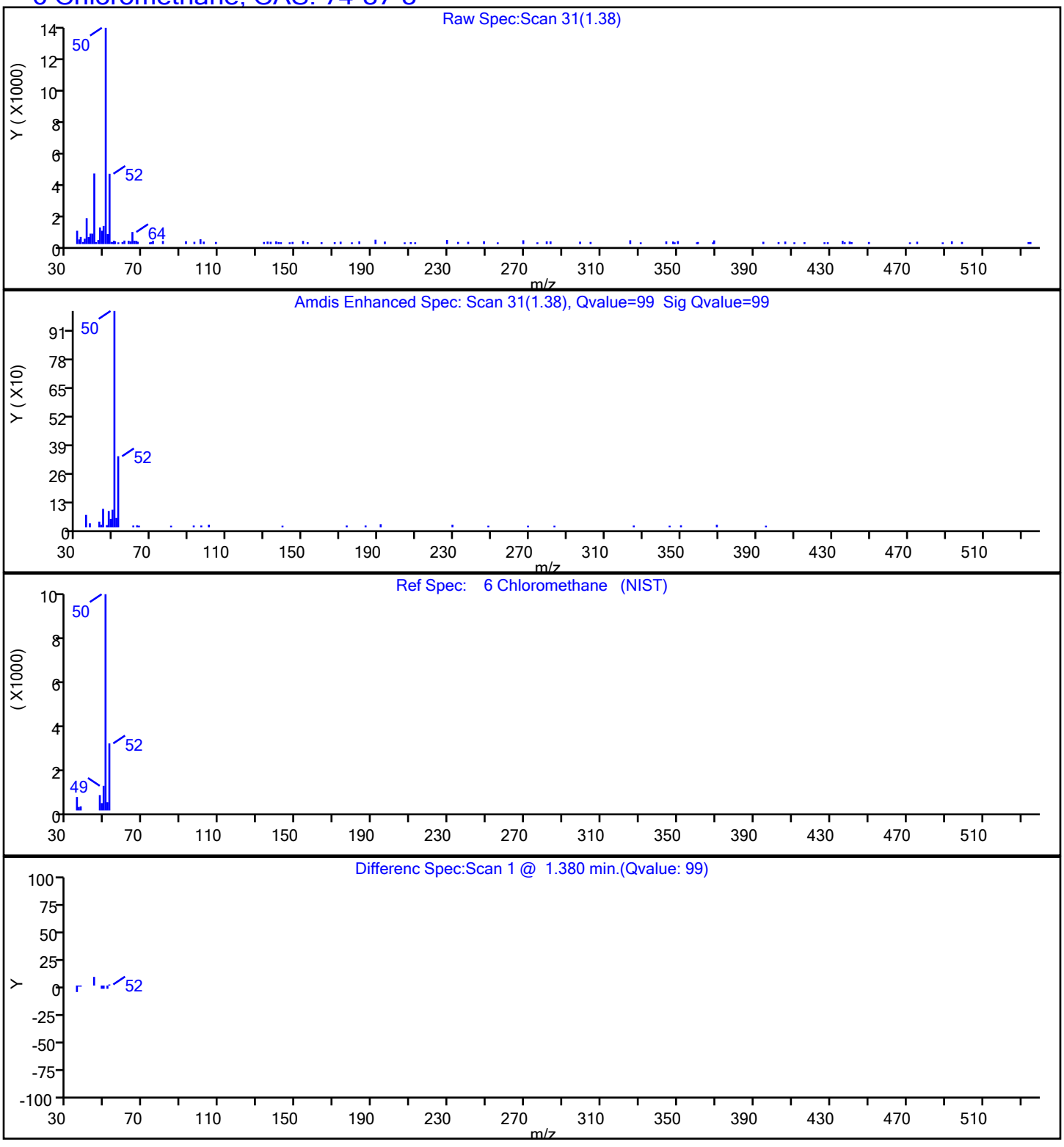
51 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D		
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	61 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

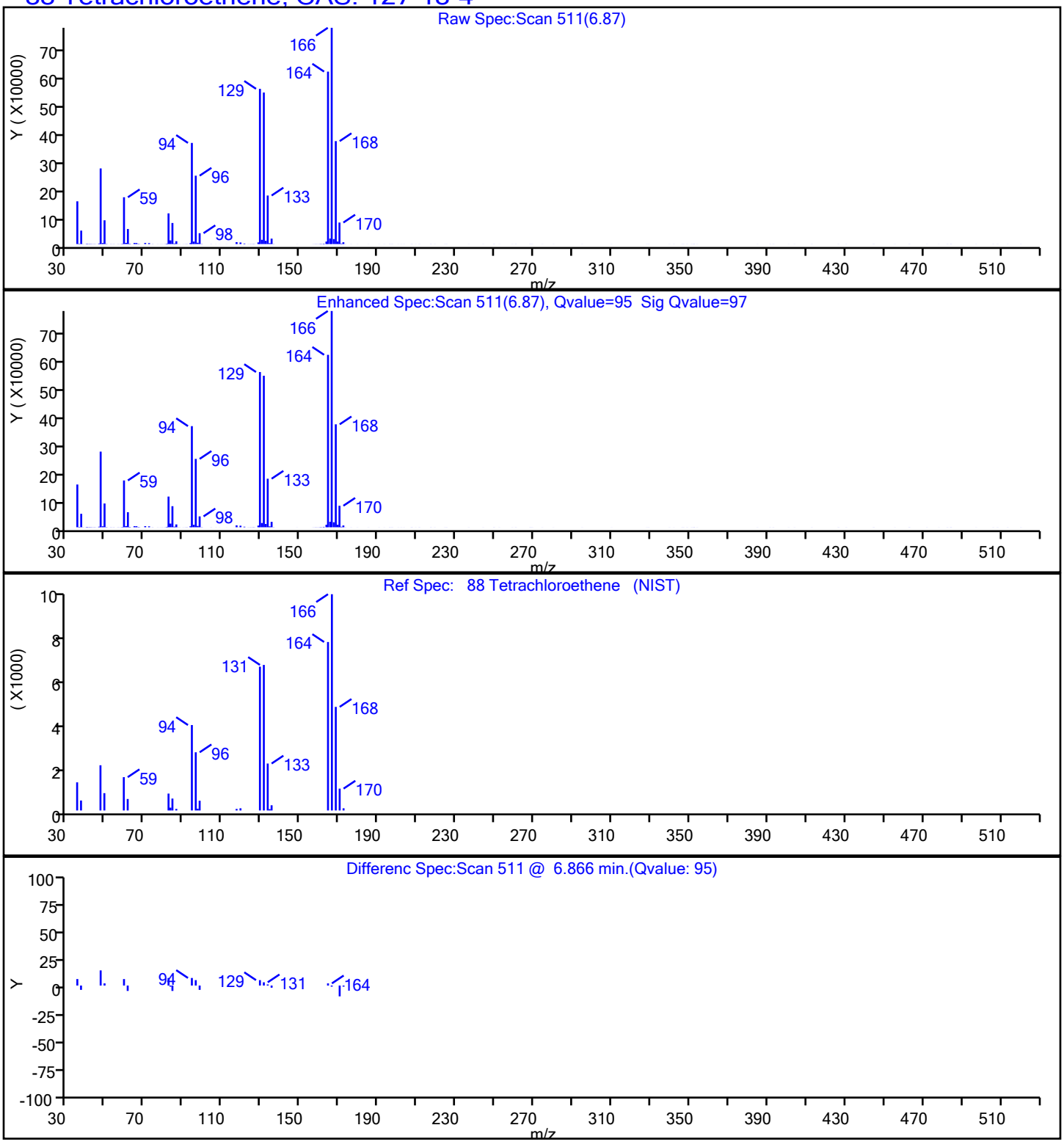
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D		
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	61 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

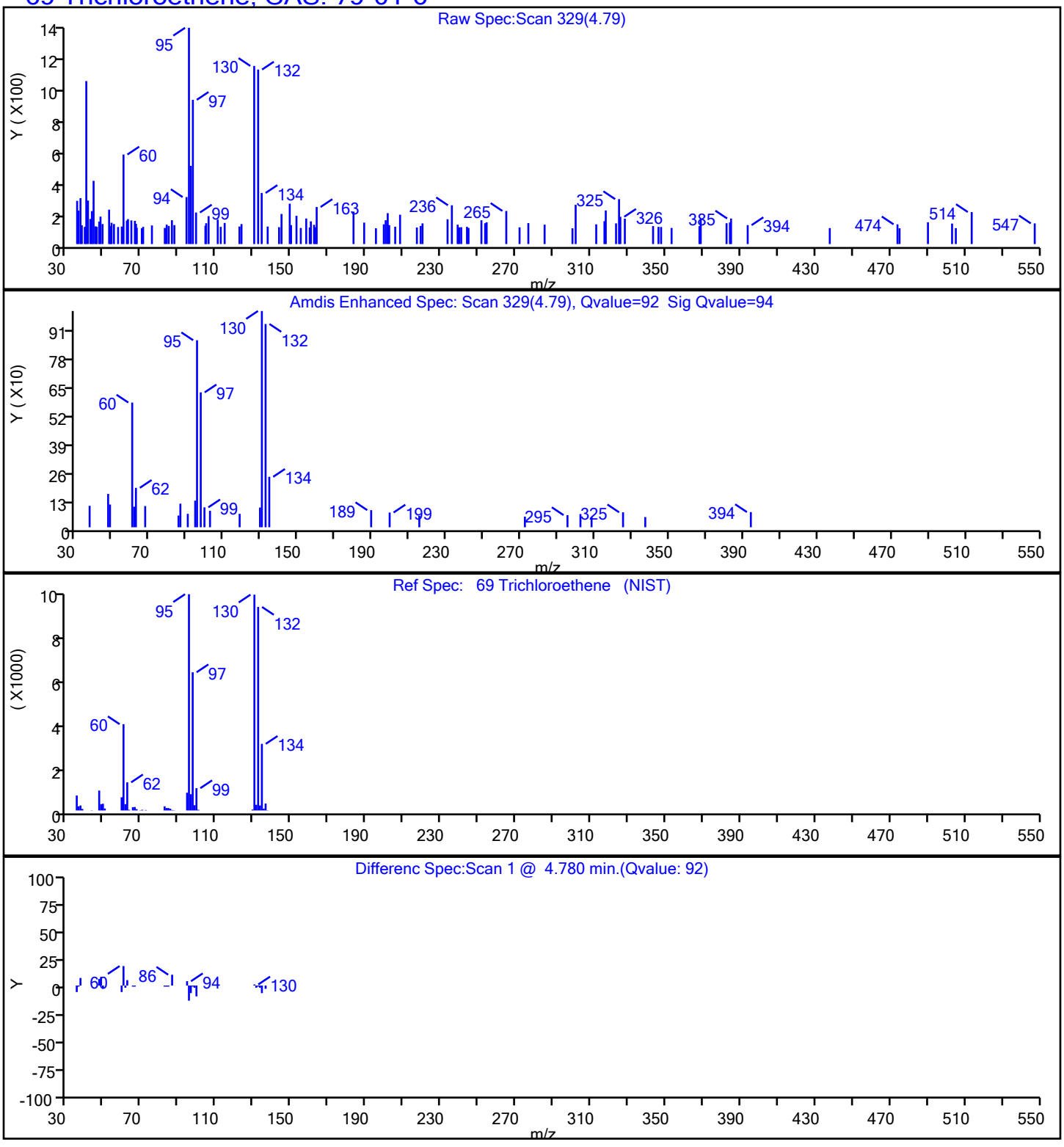
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D		
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6
Client ID:	A-06		
Operator ID:		ALS Bottle#:	61 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



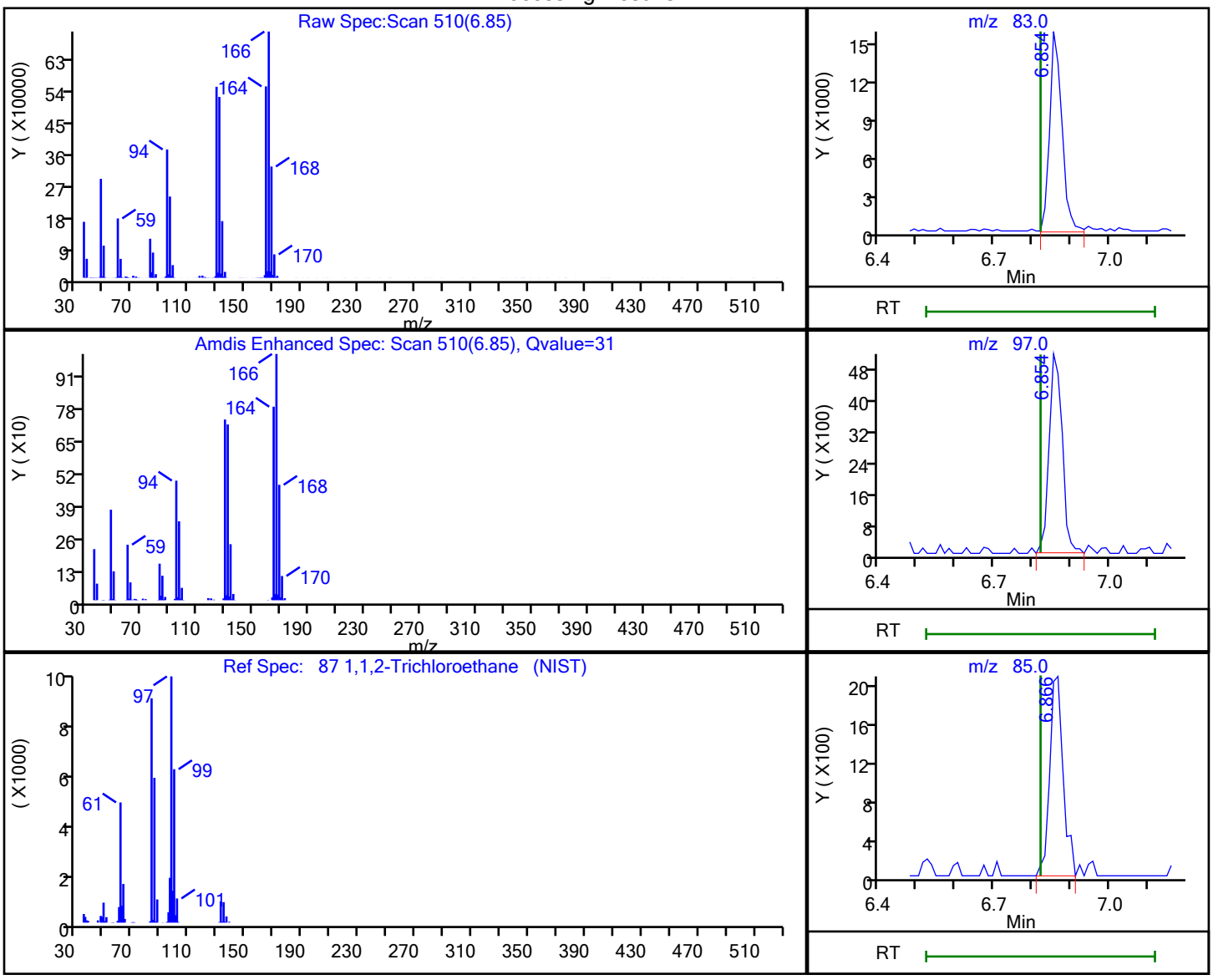
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D				
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.85	83.00	34342	7.366879
6.85	97.00	12243	
6.87	85.00	5107	

Reviewer: XE5L, 07-Feb-2024 14:40:09 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

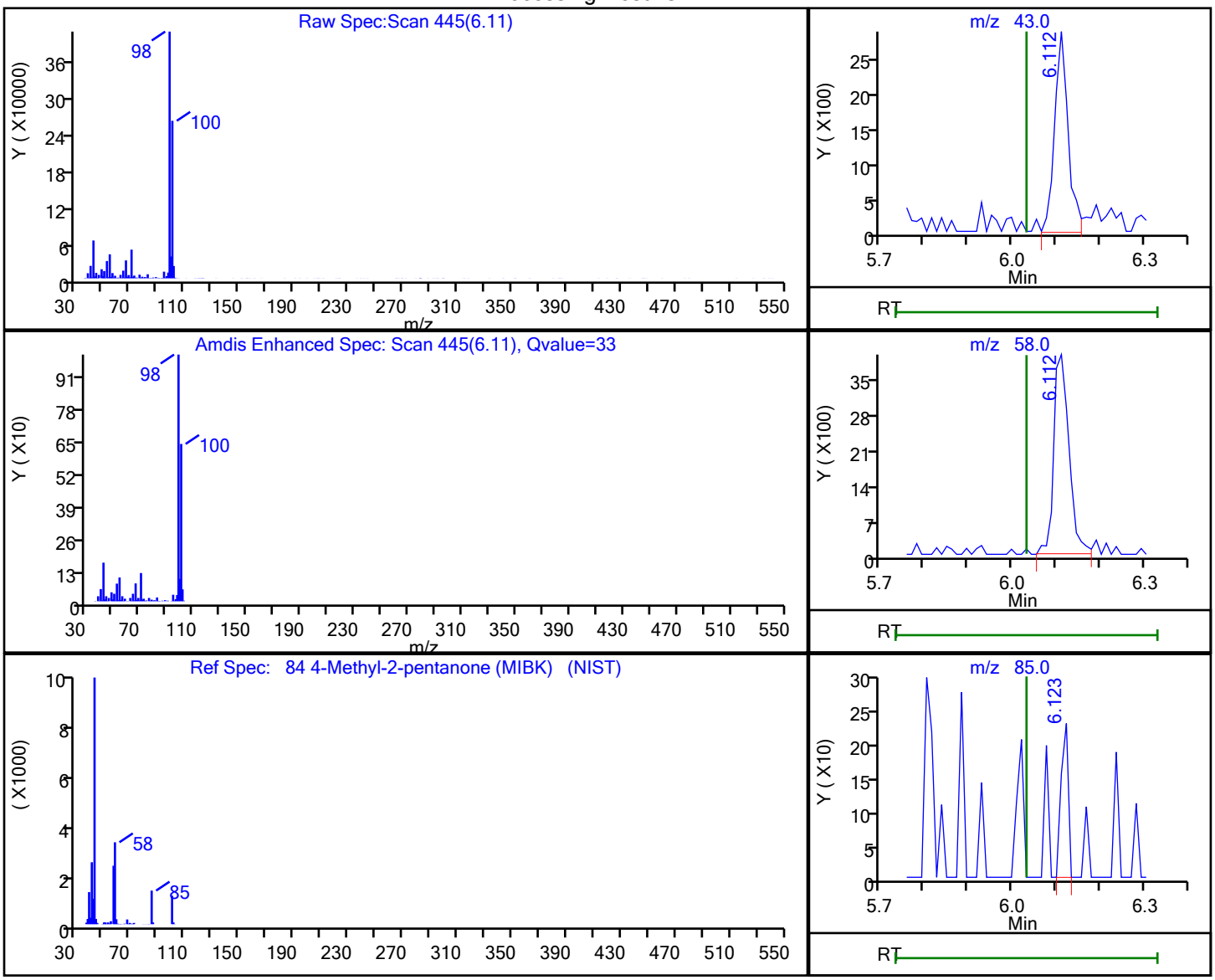
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50221.D				
Injection Date:	07-Feb-2024 13:51:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-6	Lab Sample ID:	460-297374-6		
Client ID:	A-06				
Operator ID:		ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	6104	1.022614
6.11	58.00	9606	
6.12	85.00	265	
6.11	100.00	570817	

Reviewer: XE5L, 07-Feb-2024 14:40:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-066 | Lab Sample ID: 460-297374-7

Matrix: Water | Lab File ID: V50222.D

Analysis Method: 8260D | Date Collected: 01/31/2024 11:33

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 14:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	14		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	0.36	J	1.0	0.33
74-87-3	Chloromethane	1.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	350		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.68	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-066 Lab Sample ID: 460-297374-7

Matrix: Water Lab File ID: V50222.D

Analysis Method: 8260D Date Collected: 01/31/2024 11:33

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 14:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D
Lims ID: 460-297374-B-7
Client ID: A-066
Sample Type: Client
Inject. Date: 07-Feb-2024 14:12:30 ALS Bottle#: 62 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-B-7
Misc. Info.: 460-0172054-013
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:42:10 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:42:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.380	1.380	0.000	98	12578	1.52	
23 Acetone	43	2.237	2.226	0.011	84	20808	13.9	
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	24364	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	288863	250.0	
51 Chloroform	83	3.688	3.689	-0.001	85	4014	0.3638	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	175917	50.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	218826	50.1	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	98	654779	50.0	
69 Trichloroethene	95	4.763	4.774	-0.011	90	4174	0.6812	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	93	19325	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	781829	49.5	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	2053749	352.7	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	469926	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	212309	52.2	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	211612	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 07-Feb-2024 14:42:10 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D

Injection Date: 07-Feb-2024 14:12:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-B-7 Lab Sample ID: 460-297374-7

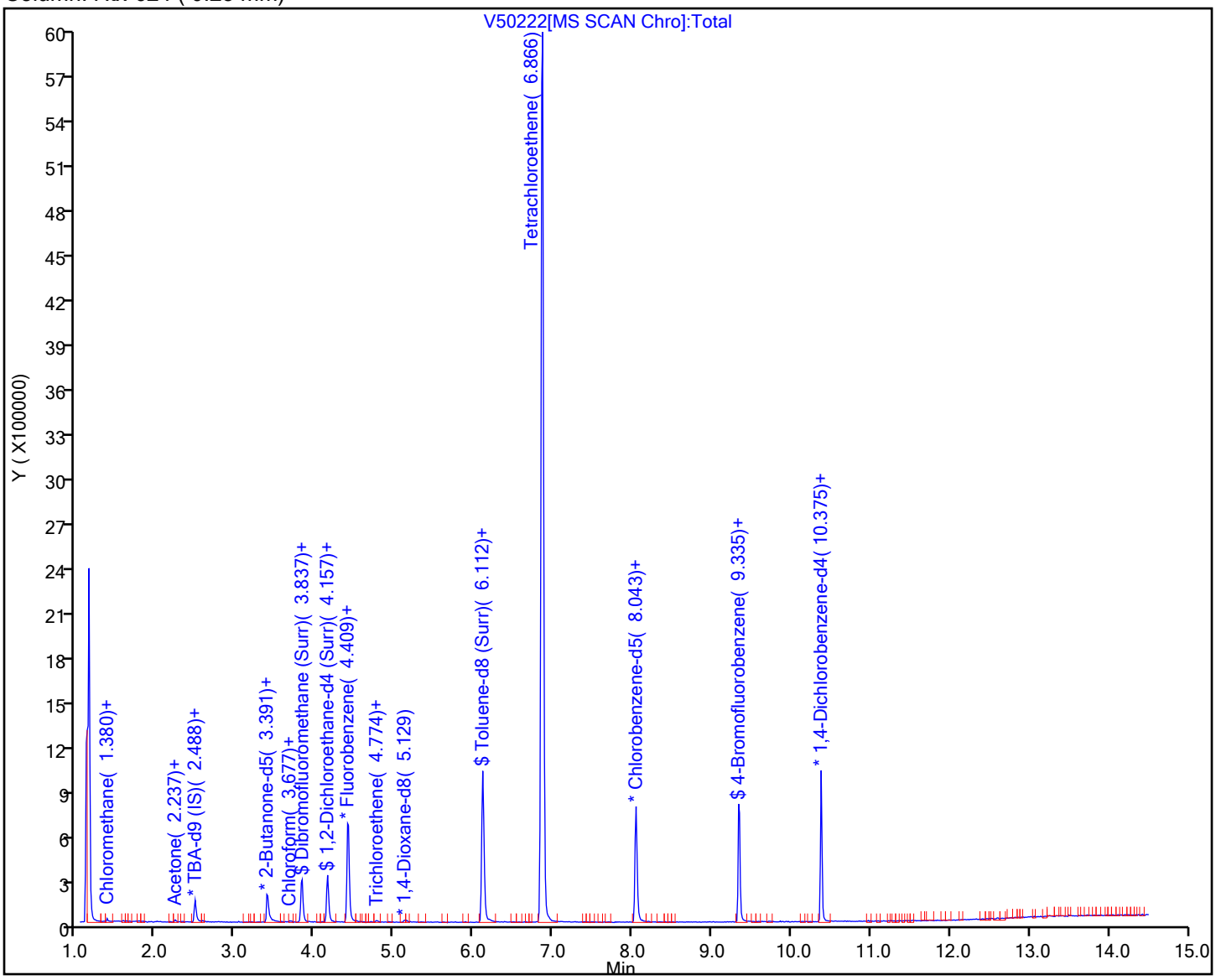
Client ID: A-066

Operator ID: ALS Bottle#: 62 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/8/2024
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Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Lims ID:	460-297374-B-7				
Client ID:	A-066				
Sample Type:	Client				
Inject. Date:	07-Feb-2024 14:12:30	ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-B-7				
Misc. Info.:	460-0172054-013				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-Feb-2024 14:42:10	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1636				

First Level Reviewer: XE5L Date: 07-Feb-2024 14:42:10

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.2	100.50
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.23
$ 82 Toluene-d8 (Surr)	50.0	49.5	98.96
$ 105 4-Bromofluorobenzene	50.0	52.2	104.32

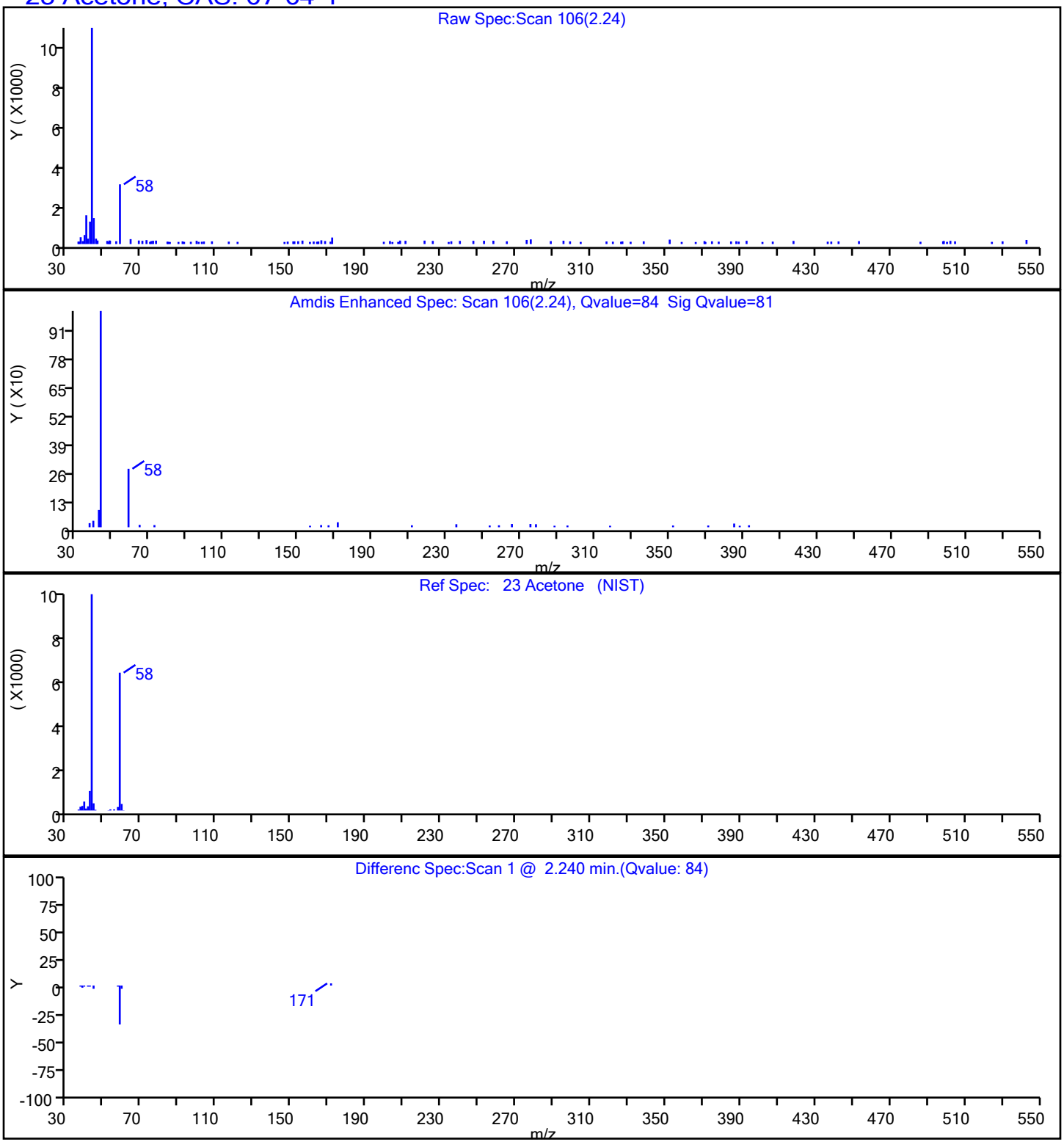
Report Date: 07-Feb-2024 14:42:11 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D

Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

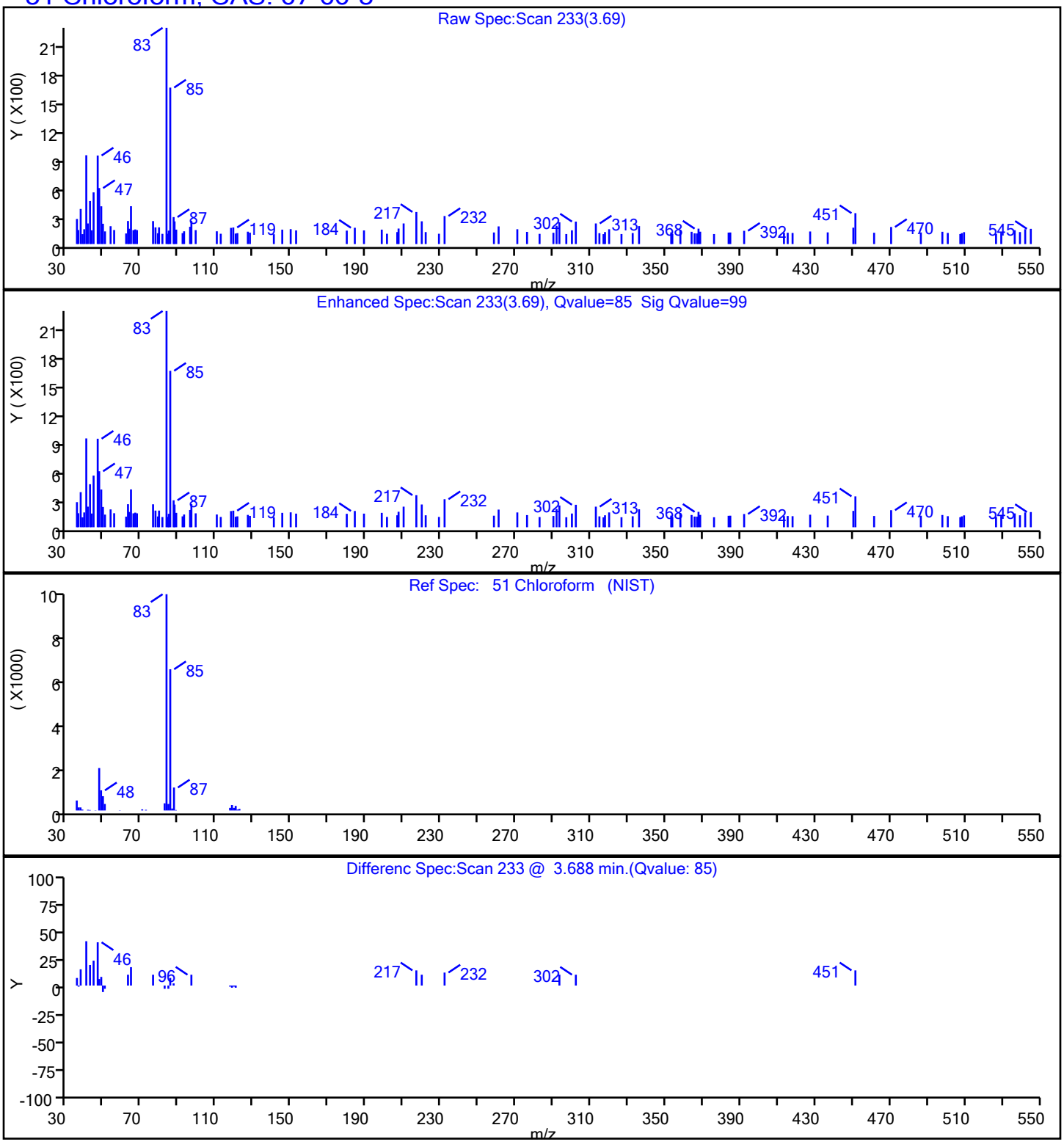
23 Acetone, CAS: 67-64-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

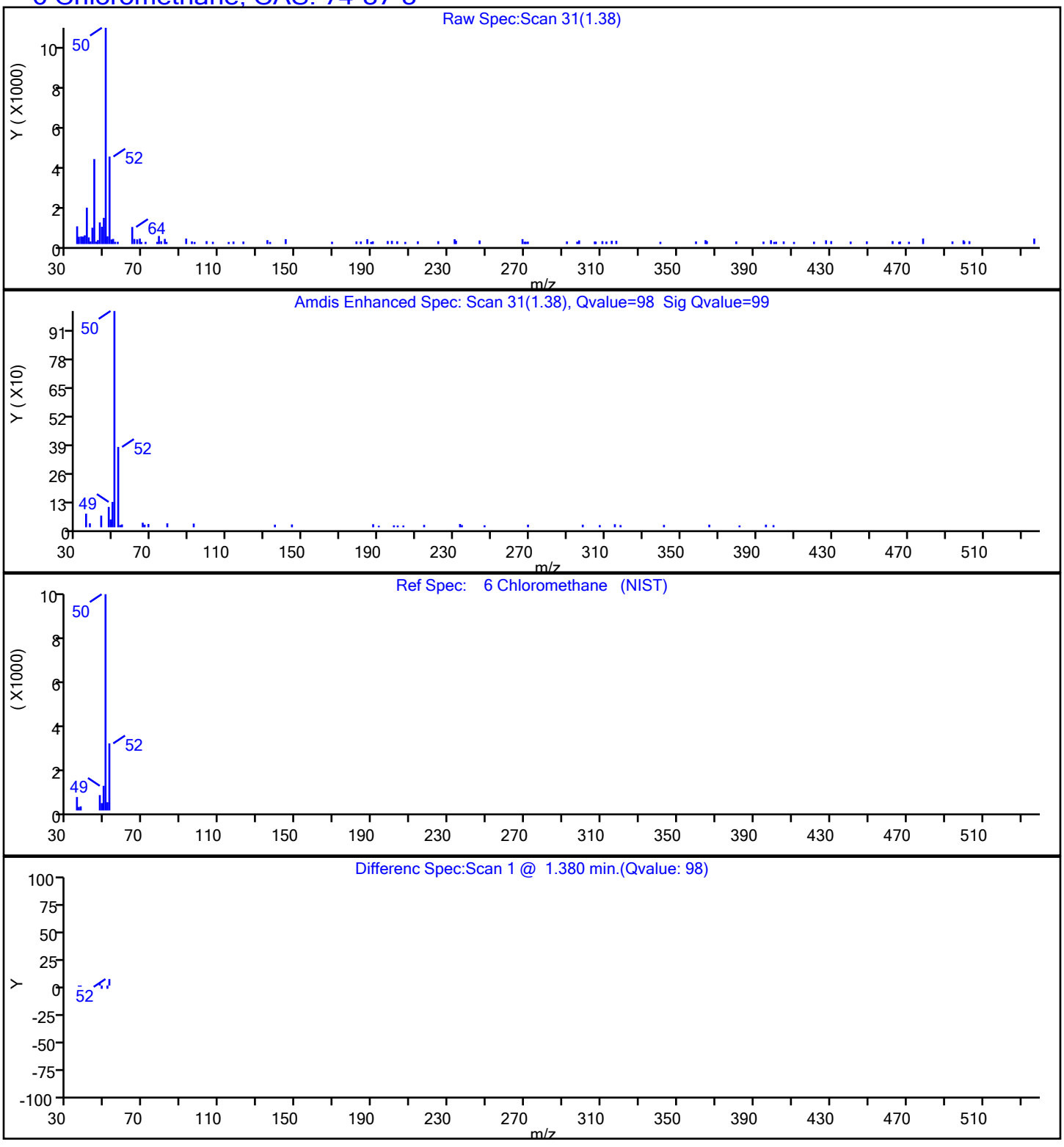
51 Chloroform, CAS: 67-66-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

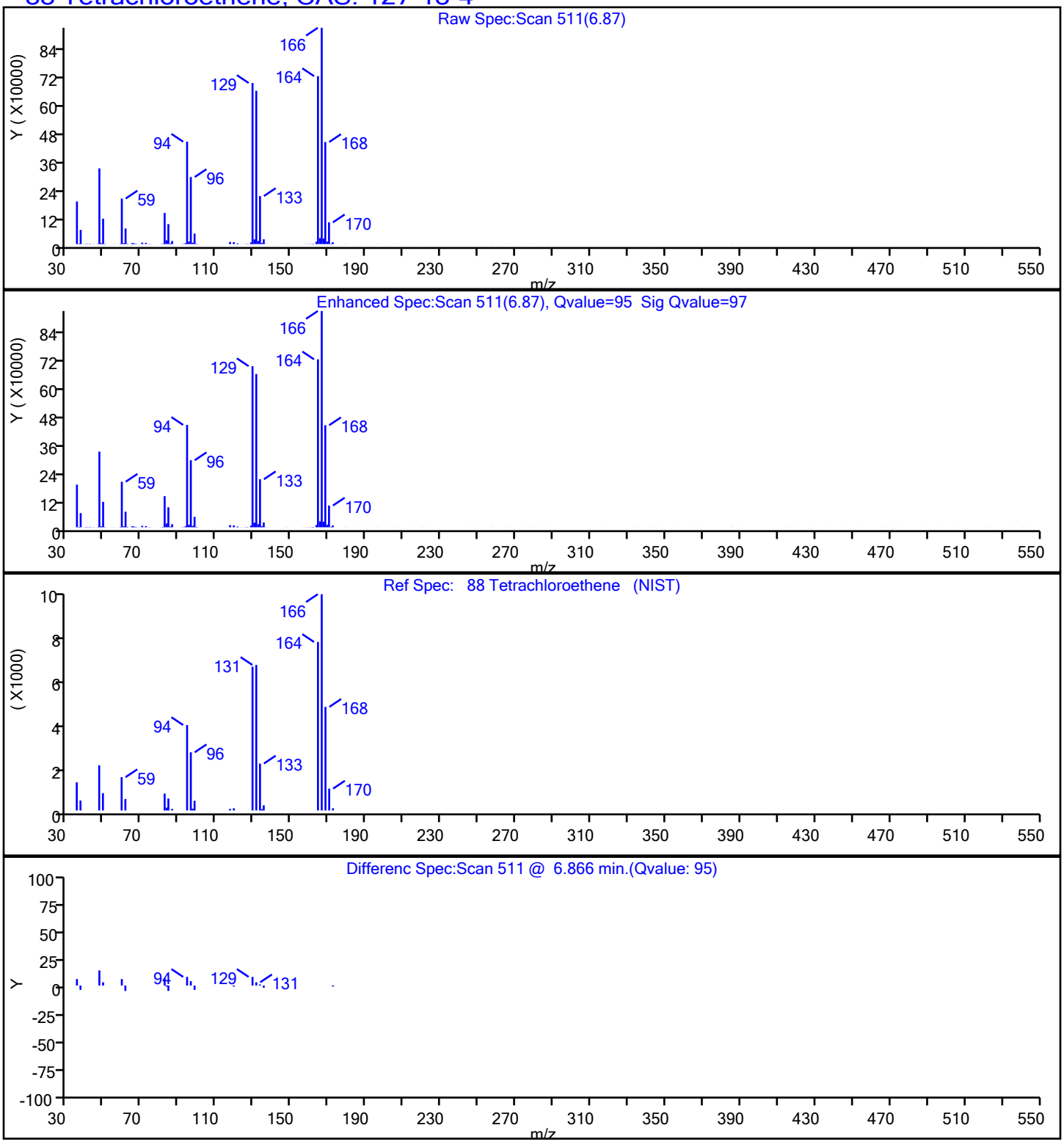
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D		
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7
Client ID:	A-066		
Operator ID:		ALS Bottle#:	62 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

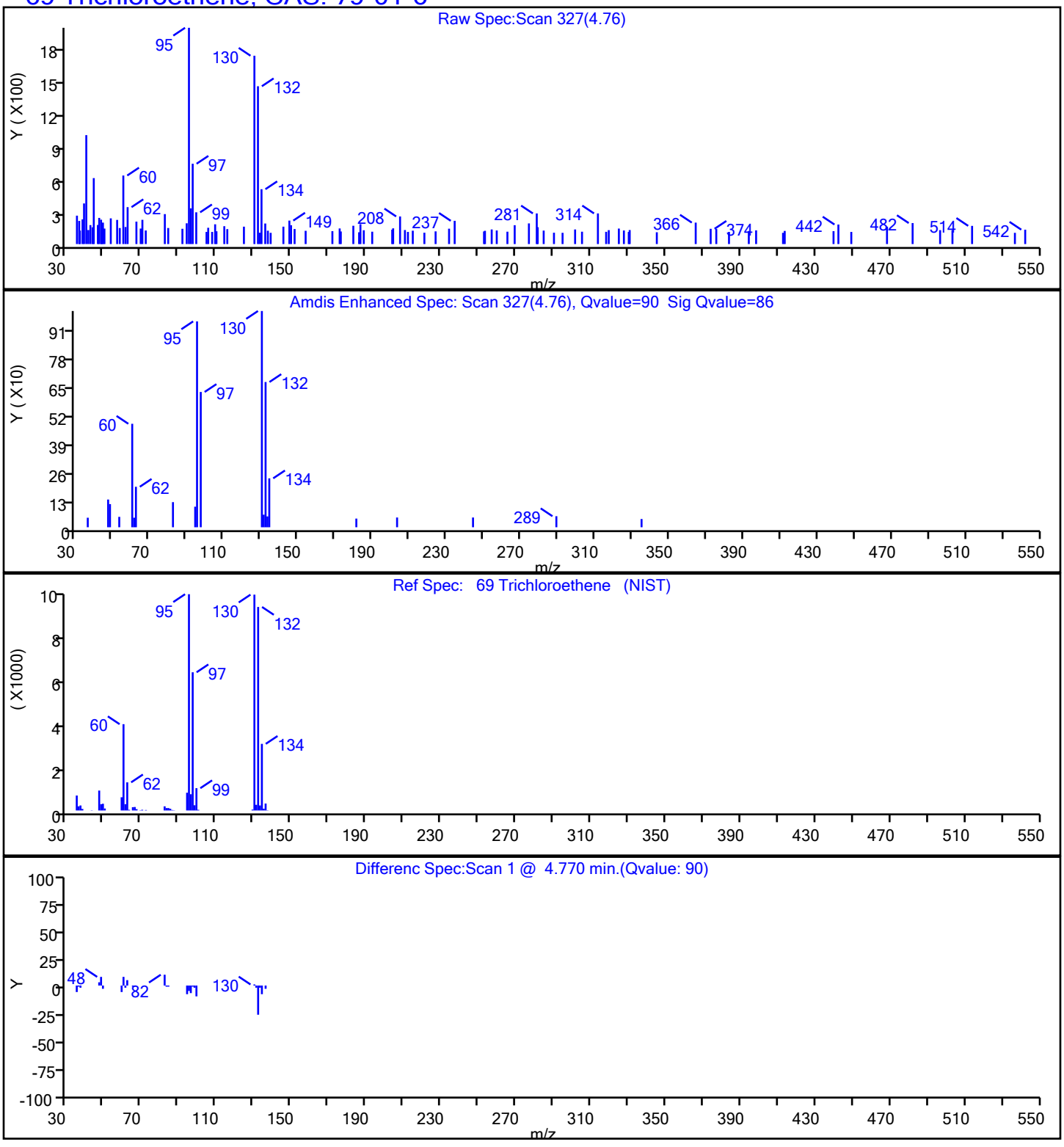
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



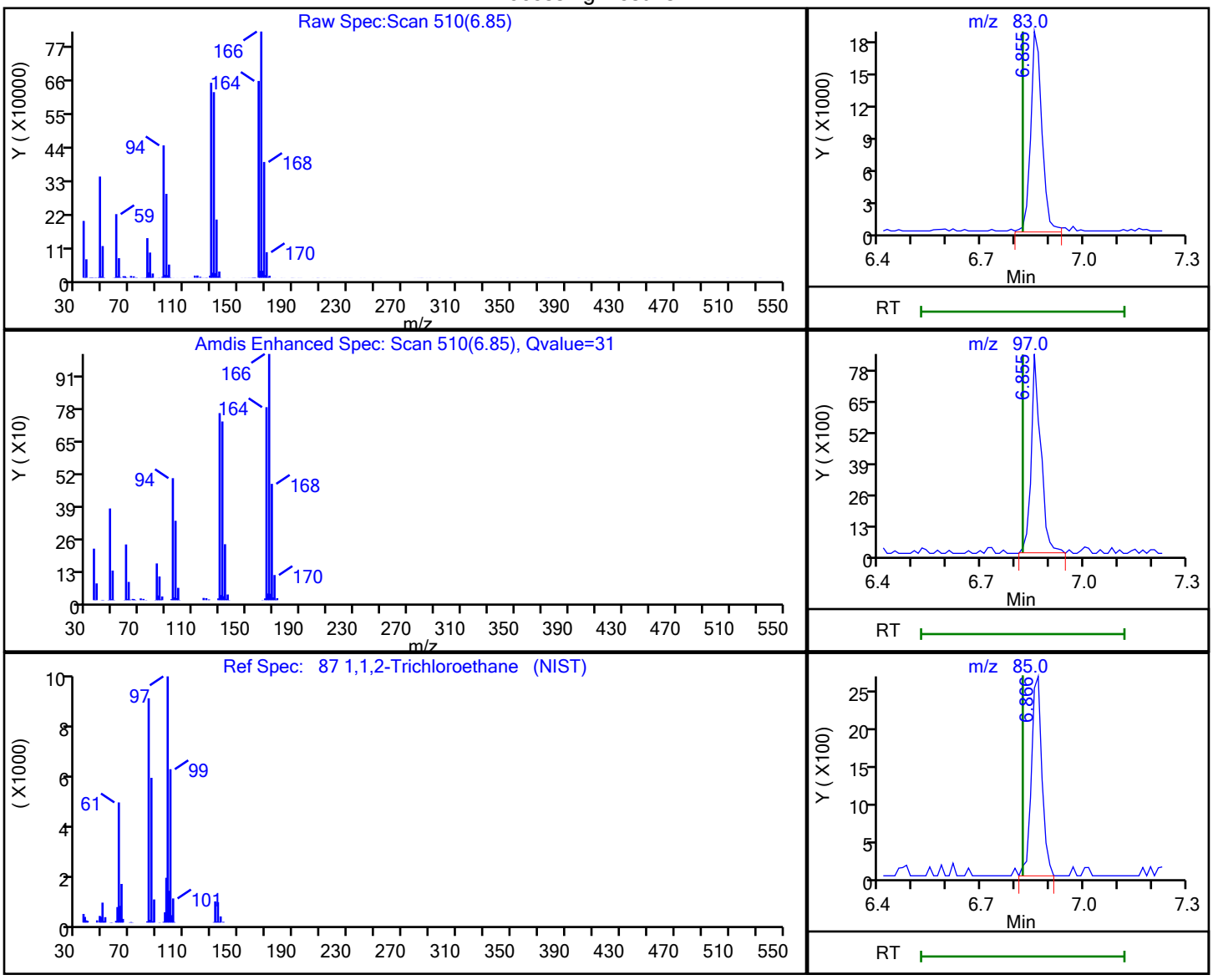
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.85	83.00	40791	9.220382
6.85	97.00	16582	
6.87	85.00	5734	

Reviewer: XE5L, 07-Feb-2024 14:41:54 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

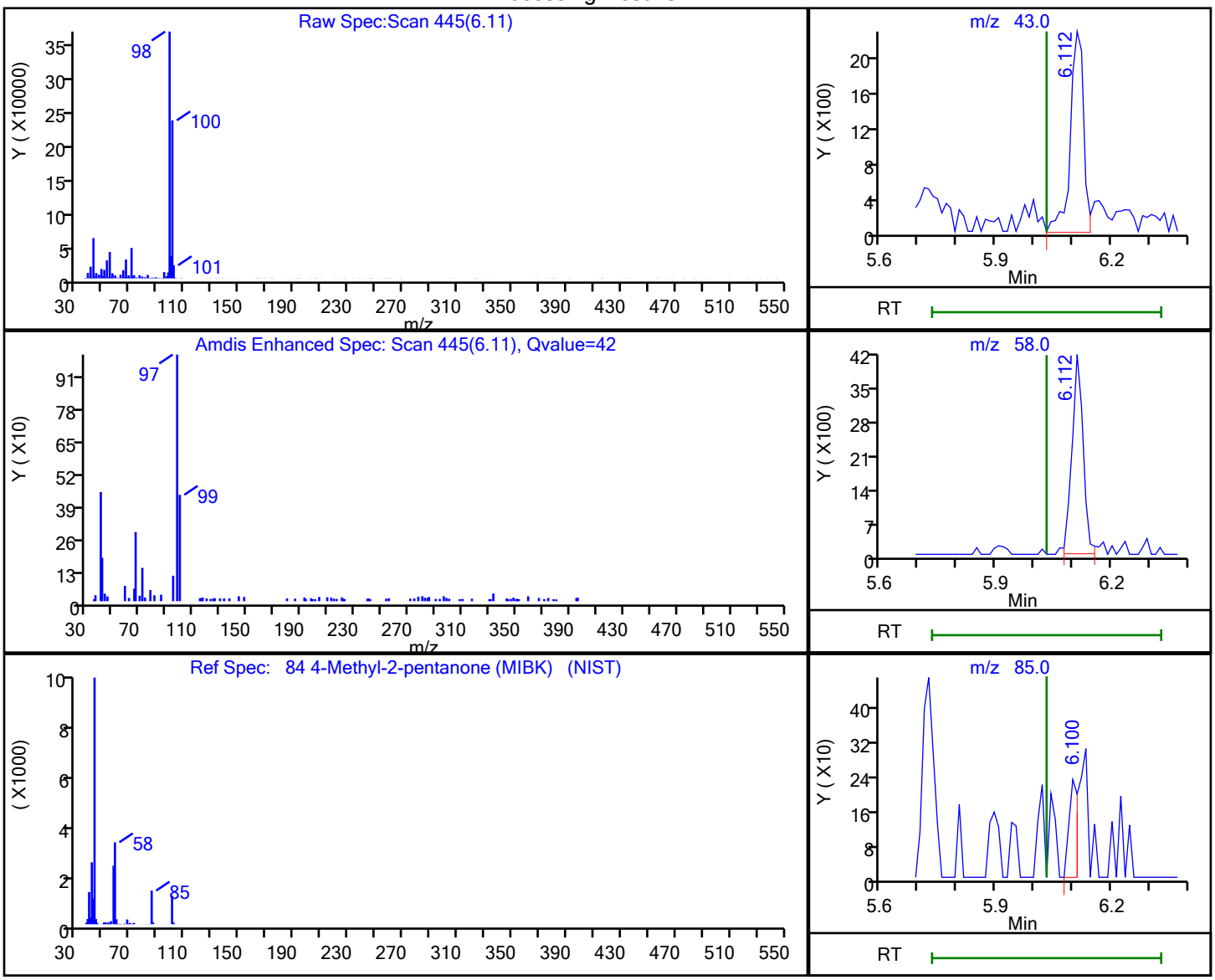
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	5362	1.019995
6.11	58.00	8364	
6.10	85.00	368	
6.11	100.00	511173	

Reviewer: XE5L, 07-Feb-2024 14:41:49 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

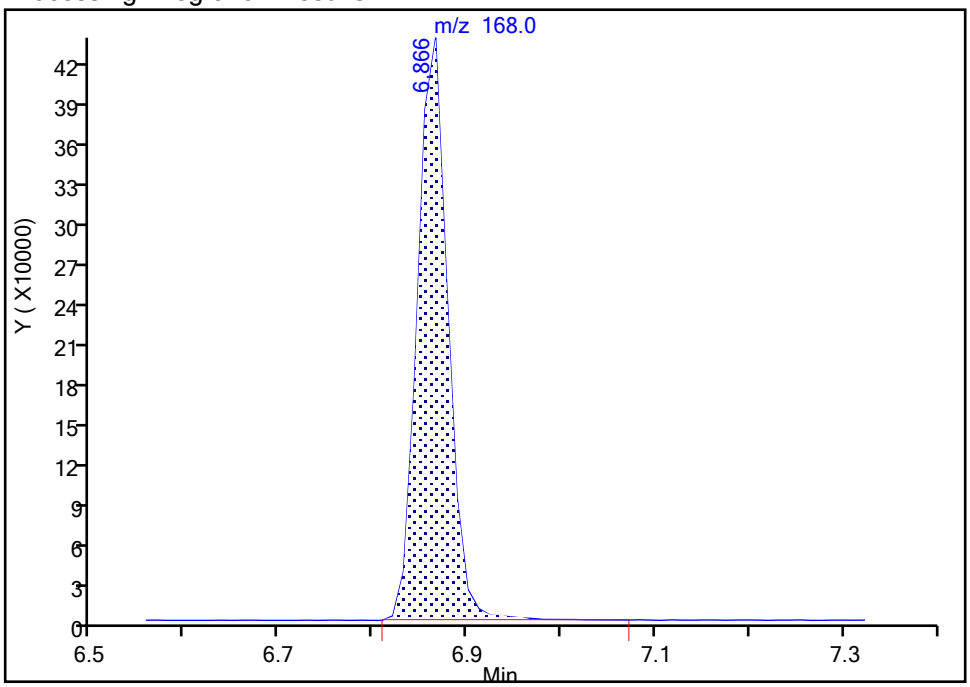
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

Signal: 2

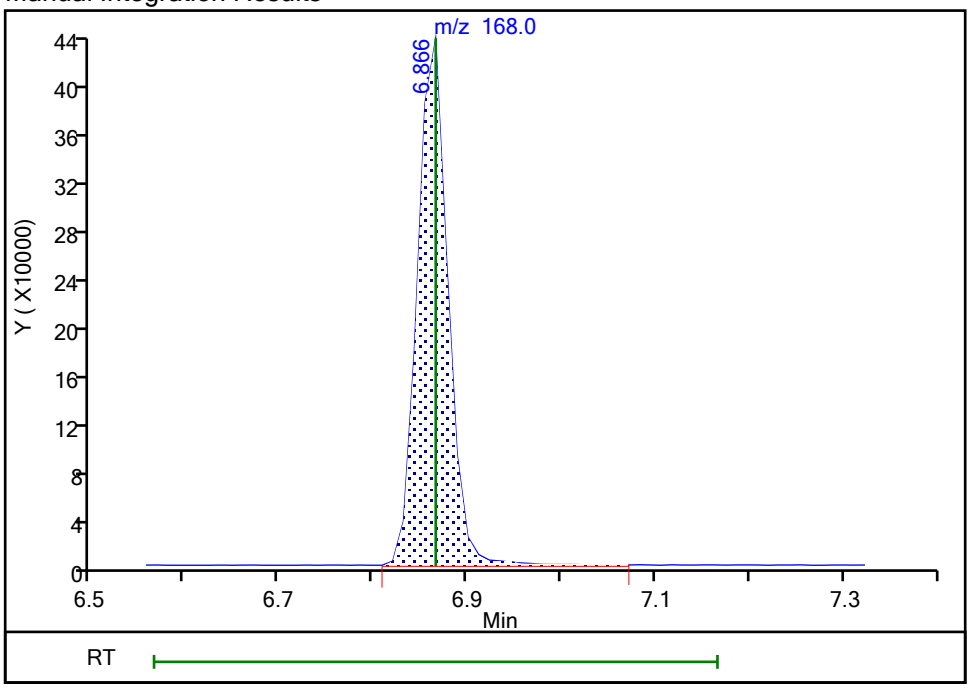
Processing Integration Results

RT: 6.87
Area: 985696
Amount: 352.6717
Amount Units: ug/l



Manual Integration Results

RT: 6.87
Area: 985696
Amount: 352.6717
Amount Units: ug/l



Reviewer: XE5L, 07-Feb-2024 14:41:51 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

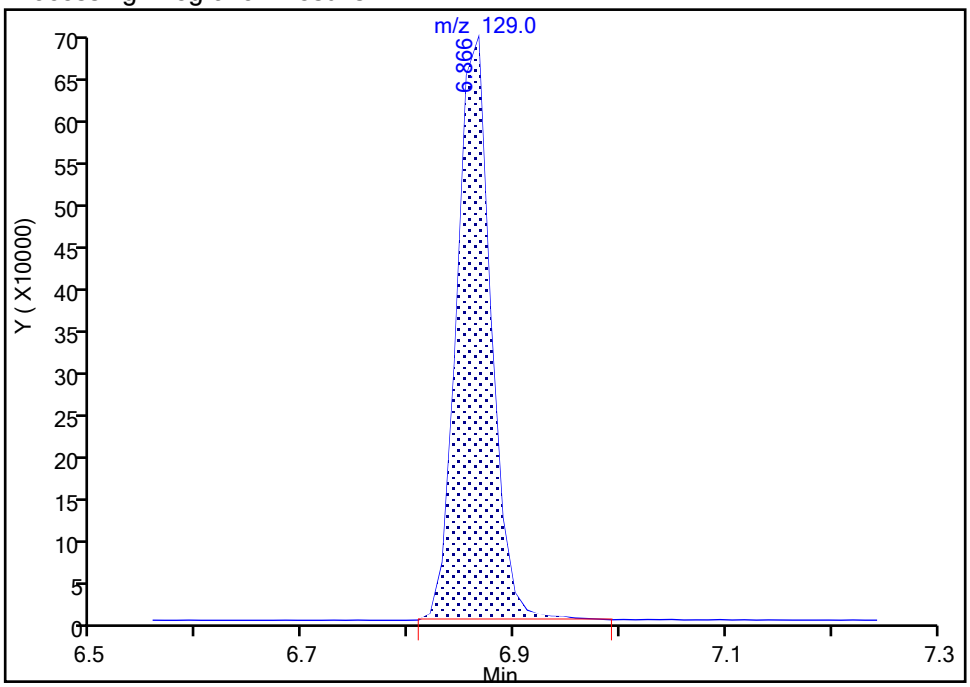
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50222.D				
Injection Date:	07-Feb-2024 14:12:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-7	Lab Sample ID:	460-297374-7		
Client ID:	A-066				
Operator ID:		ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

88 Tetrachloroethene, CAS: 127-18-4

Signal: 3

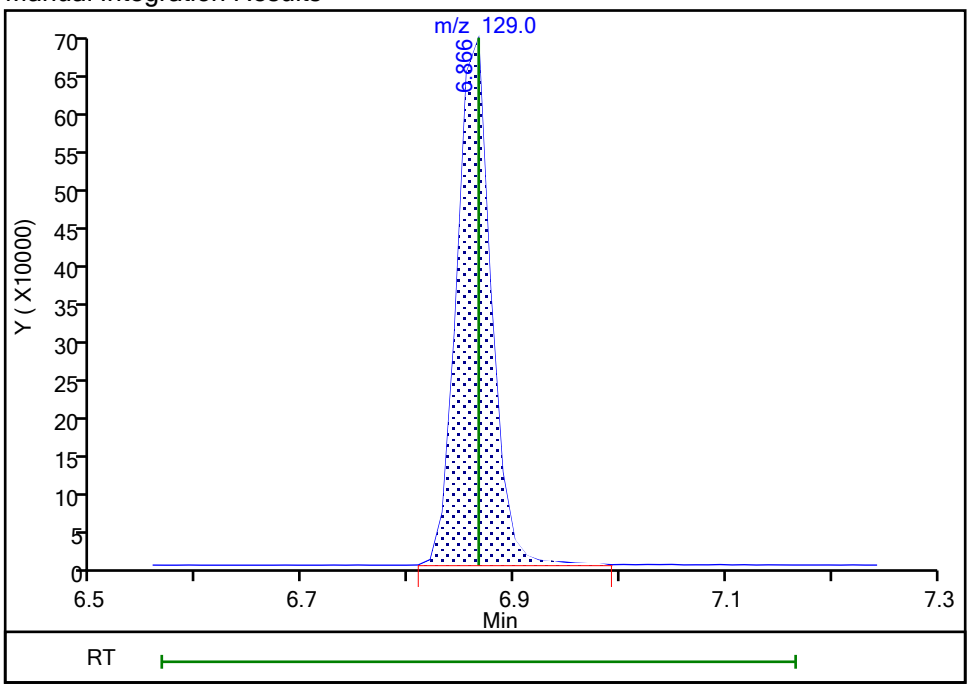
Processing Integration Results

RT: 6.87
Area: 1554359
Amount: 352.6717
Amount Units: ug/l



Manual Integration Results

RT: 6.87
Area: 1554359
Amount: 352.6717
Amount Units: ug/l



Reviewer: XE5L, 07-Feb-2024 14:41:51 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-07 | Lab Sample ID: 460-297374-8

Matrix: Water | Lab File ID: V50171.D

Analysis Method: 8260D | Date Collected: 01/31/2024 12:15

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 16:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	11		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-07 Lab Sample ID: 460-297374-8

Matrix: Water Lab File ID: V50171.D

Analysis Method: 8260D Date Collected: 01/31/2024 12:15

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D
Lims ID: 460-297374-A-8
Client ID: A-07
Sample Type: Client
Inject. Date: 06-Feb-2024 16:18:30 ALS Bottle#: 76 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-8
Misc. Info.: 460-0172003-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:29:33 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:29:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	96	29405	1000.0	
* 42 2-Butanone-d5	46	3.403	3.391	0.012	99	338078	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	184892	49.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	249577	53.9	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	694643	50.0	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	93	20761	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	845152	52.3	
88 Tetrachloroethene	166	6.866	6.866	0.000	91	67964	11.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	480569	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	212761	51.1	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	209998	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:29:49 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D

Injection Date: 06-Feb-2024 16:18:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-8 Lab Sample ID: 460-297374-8

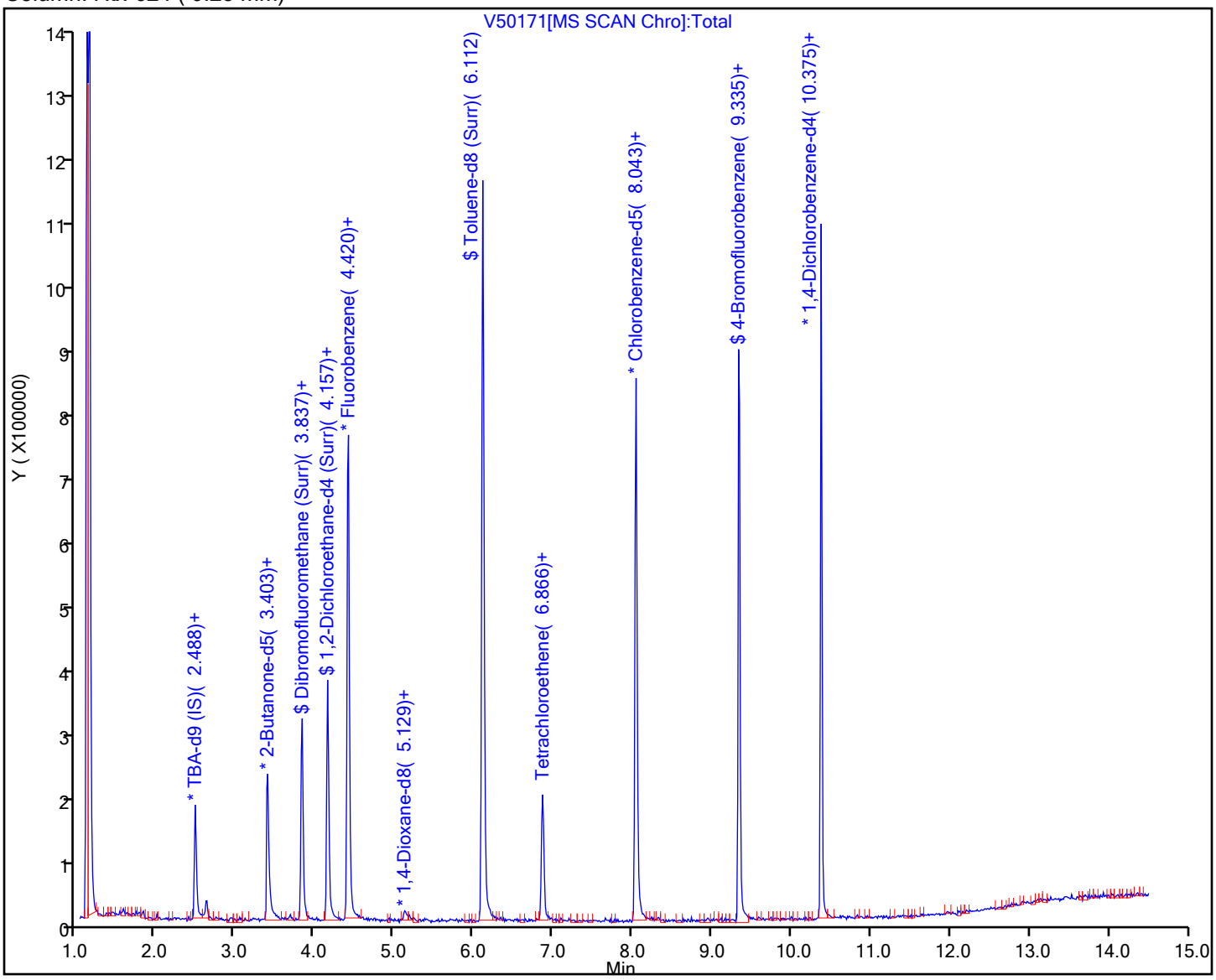
Client ID: A-07

Operator ID: ALS Bottle#: 76 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D				
Lims ID:	460-297374-A-8				
Client ID:	A-07				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 16:18:30	ALS Bottle#:	76	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-8				
Misc. Info.:	460-0172003-026				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 19:29:33	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

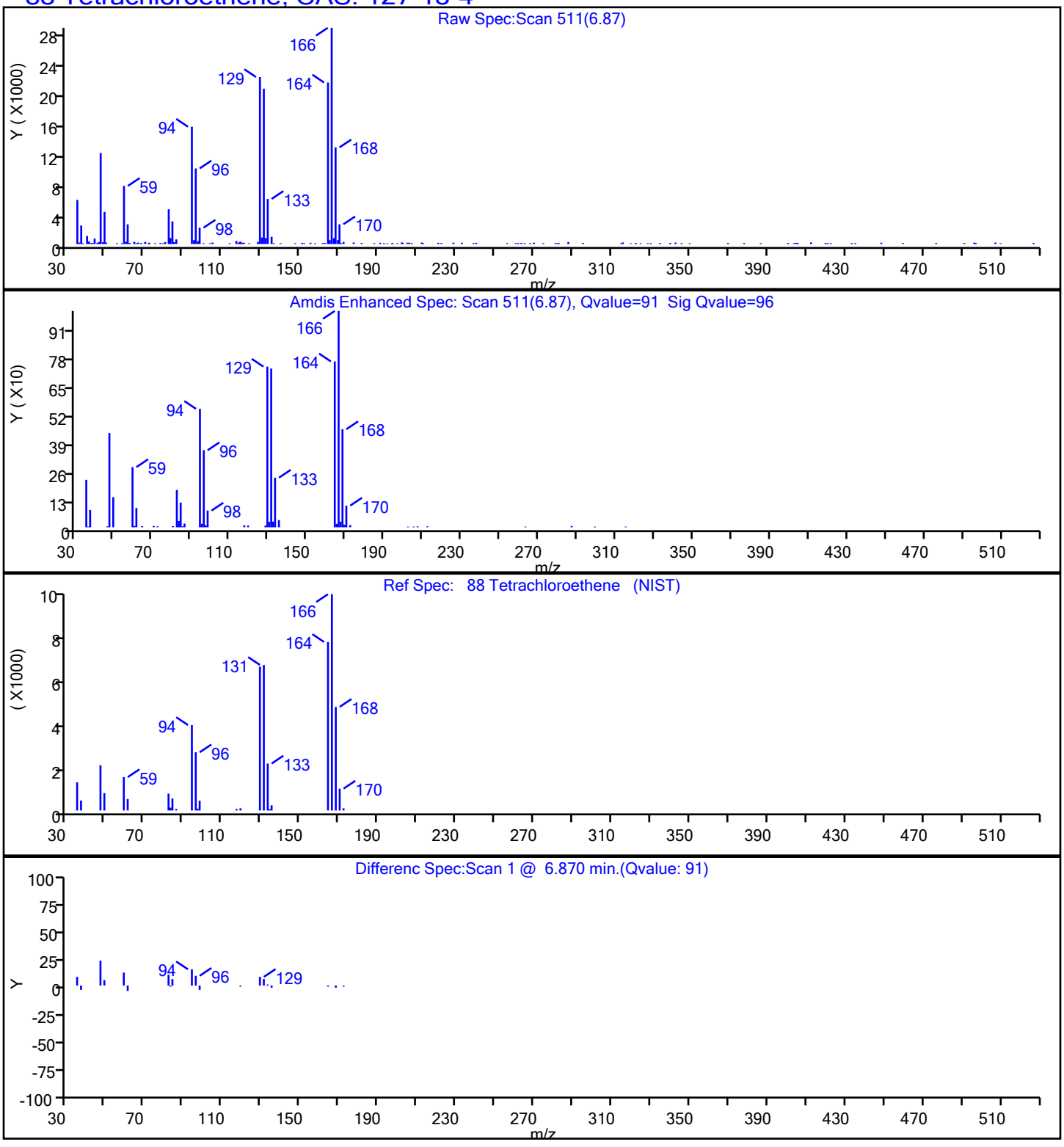
First Level Reviewer: C1JX Date: 06-Feb-2024 19:29:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.8	99.56
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.9	107.76
$ 82 Toluene-d8 (Surr)	50.0	52.3	104.60
$ 105 4-Bromofluorobenzene	50.0	51.1	102.22

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D		
Injection Date:	06-Feb-2024 16:18:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-8	Lab Sample ID:	460-297374-8
Client ID:	A-07		
Operator ID:		ALS Bottle#:	76 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



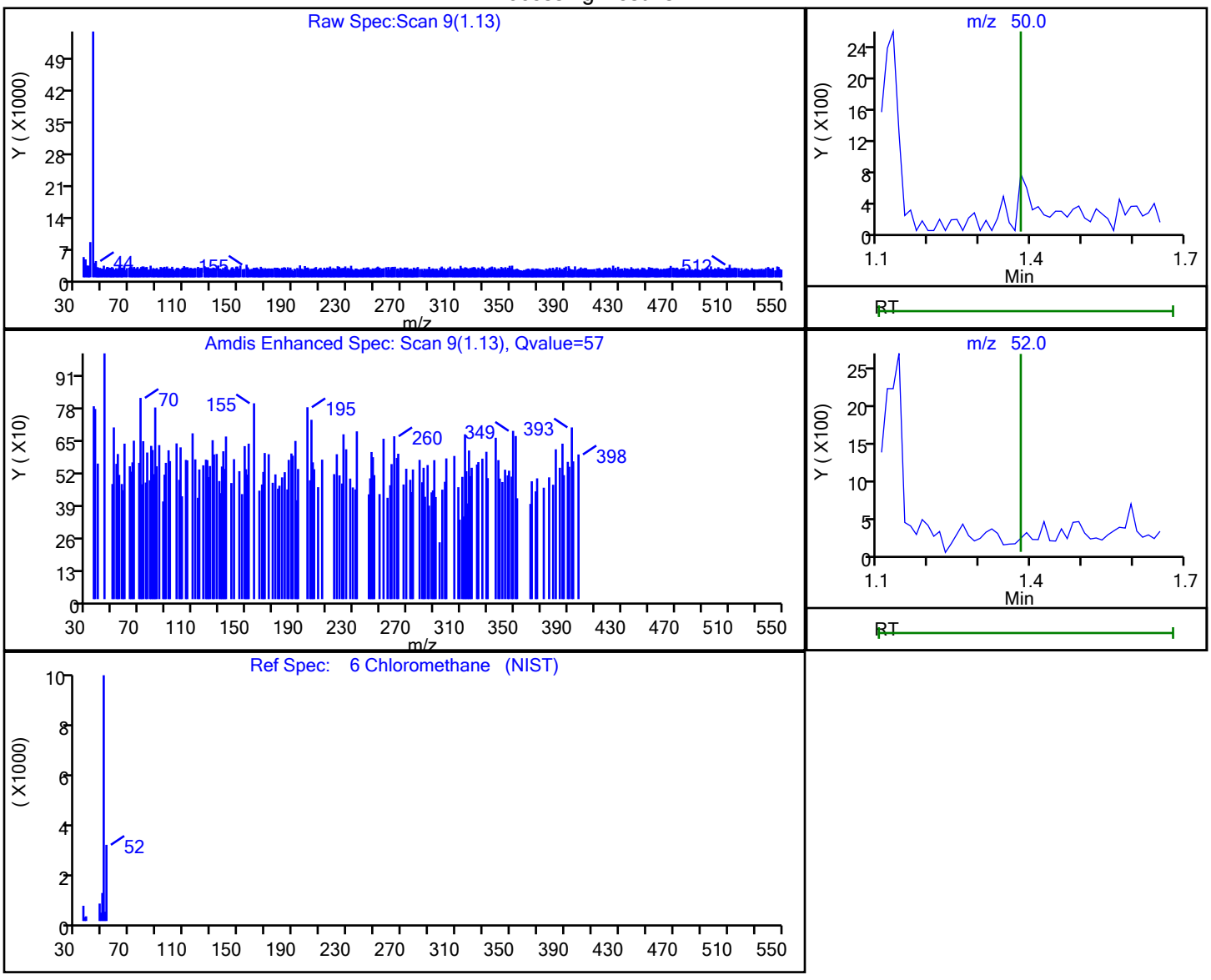
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D				
Injection Date:	06-Feb-2024 16:18:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-8	Lab Sample ID:	460-297374-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.13	50.00	5794	0.659498
1.14	52.00	6354	

Reviewer: C1JX, 06-Feb-2024 19:29:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

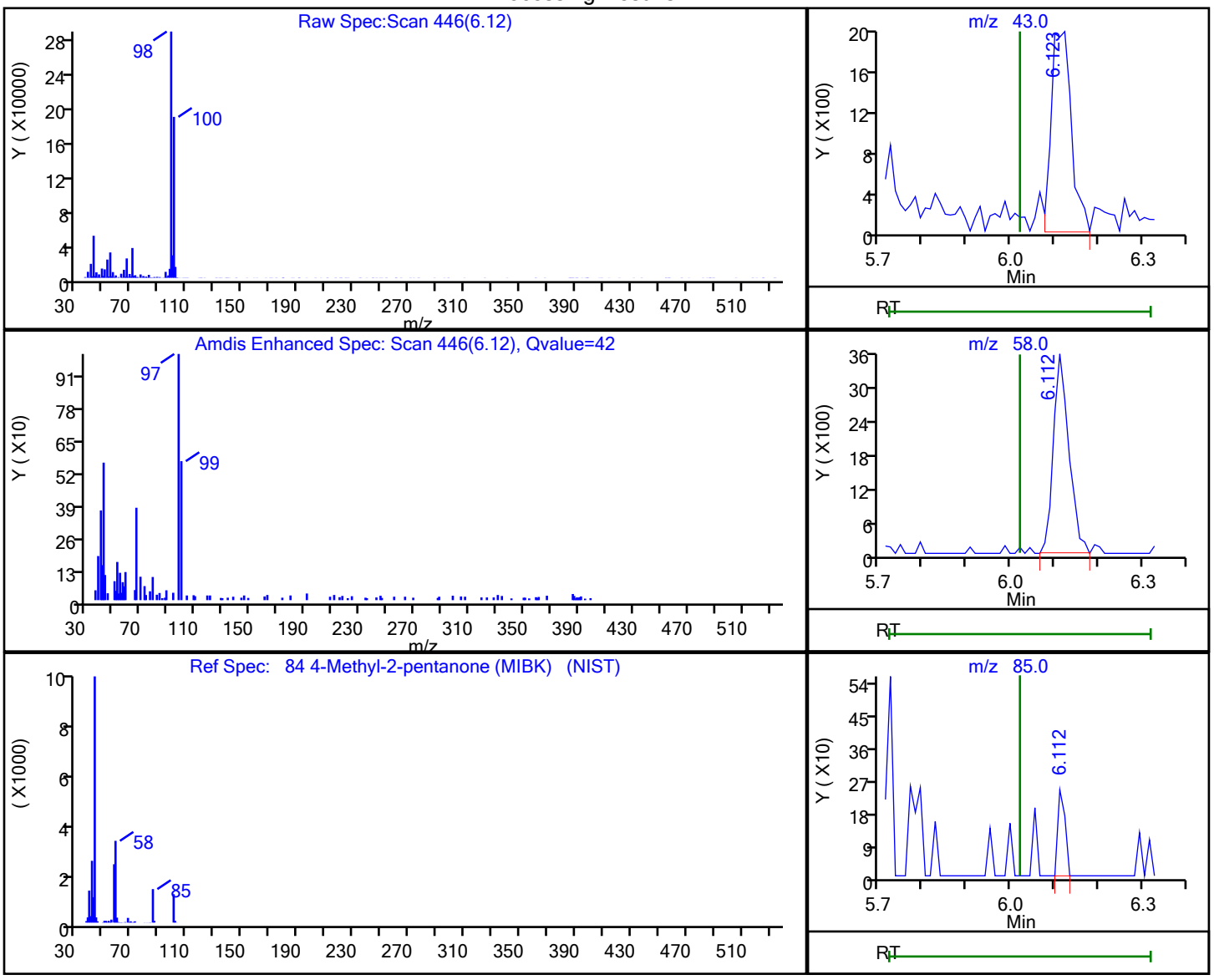
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50171.D				
Injection Date:	06-Feb-2024 16:18:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-8	Lab Sample ID:	460-297374-8		
Client ID:	A-07				
Operator ID:		ALS Bottle#:	76	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.12	43.00	6103	0.991950
6.11	58.00	8778	
6.11	85.00	278	
6.11	100.00	554036	

Reviewer: C1JX, 06-Feb-2024 19:29:27 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-08 | Lab Sample ID: 460-297374-9

Matrix: Water | Lab File ID: V50223.D

Analysis Method: 8260D | Date Collected: 01/31/2024 12:30

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 14:33

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.48
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.73
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.41
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.53
75-35-4	1,1-Dichloroethene	2.0	U	2.0	0.53
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.86
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.71
591-78-6	2-Hexanone	10	U	10	2.3
67-64-1	Acetone	10	U	10	8.8
71-43-2	Benzene	2.0	U	2.0	0.41
75-27-4	Bromodichloromethane	2.0	U	2.0	0.69
75-25-2	Bromoform	2.0	U	2.0	1.1
74-83-9	Bromomethane	2.0	U	2.0	1.1
75-15-0	Carbon disulfide	2.0	U	2.0	1.6
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.42
108-90-7	Chlorobenzene	2.0	U	2.0	0.75
75-00-3	Chloroethane	2.0	U	2.0	0.64
67-66-3	Chloroform	2.0	U	2.0	0.65
74-87-3	Chloromethane	2.0	U	2.0	0.80
156-59-2	cis-1,2-Dichloroethene	2.0	U	2.0	0.44
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.44
124-48-1	Dibromochloromethane	2.0	U	2.0	0.56
100-41-4	Ethylbenzene	2.0	U	2.0	0.60
78-93-3	Methyl Ethyl Ketone	10	U	10	3.7
108-10-1	methyl isobutyl ketone	10	U	10	2.6
75-09-2	Methylene Chloride	2.0	U	2.0	0.63
100-42-5	Styrene	2.0	U	2.0	0.83
127-18-4	Tetrachloroethene	590		2.0	0.50
108-88-3	Toluene	2.0	U	2.0	0.76
156-60-5	trans-1,2-Dichloroethene	2.0	U	2.0	0.47
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.45
79-01-6	Trichloroethene	1.1	J	2.0	0.63
75-01-4	Vinyl chloride	2.0	U	2.0	0.34
1330-20-7	Xylenes, Total	4.0	U	4.0	1.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-08 Lab Sample ID: 460-297374-9

Matrix: Water Lab File ID: V50223.D

Analysis Method: 8260D Date Collected: 01/31/2024 12:30

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 14:33

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-132
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D
Lims ID: 460-297374-B-9
Client ID: A-08
Sample Type: Client
Inject. Date: 07-Feb-2024 14:33:30 ALS Bottle#: 63 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 2.0000
Sample Info: 460-297374-B-9
Misc. Info.: 460-0172054-014
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:50:49 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:50:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.489	2.488	0.000	98	28096	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	311766	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	95	174669	52.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	229697	54.8	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	628094	50.0	
69 Trichloroethene	95	4.774	4.774	0.000	89	3232	0.5498	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	91	19433	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	774274	49.4	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	1707466	295.3	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	466538	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	219915	54.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	206880	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 07-Feb-2024 14:50:49 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D

Injection Date: 07-Feb-2024 14:33:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-B-9 Lab Sample ID: 460-297374-9

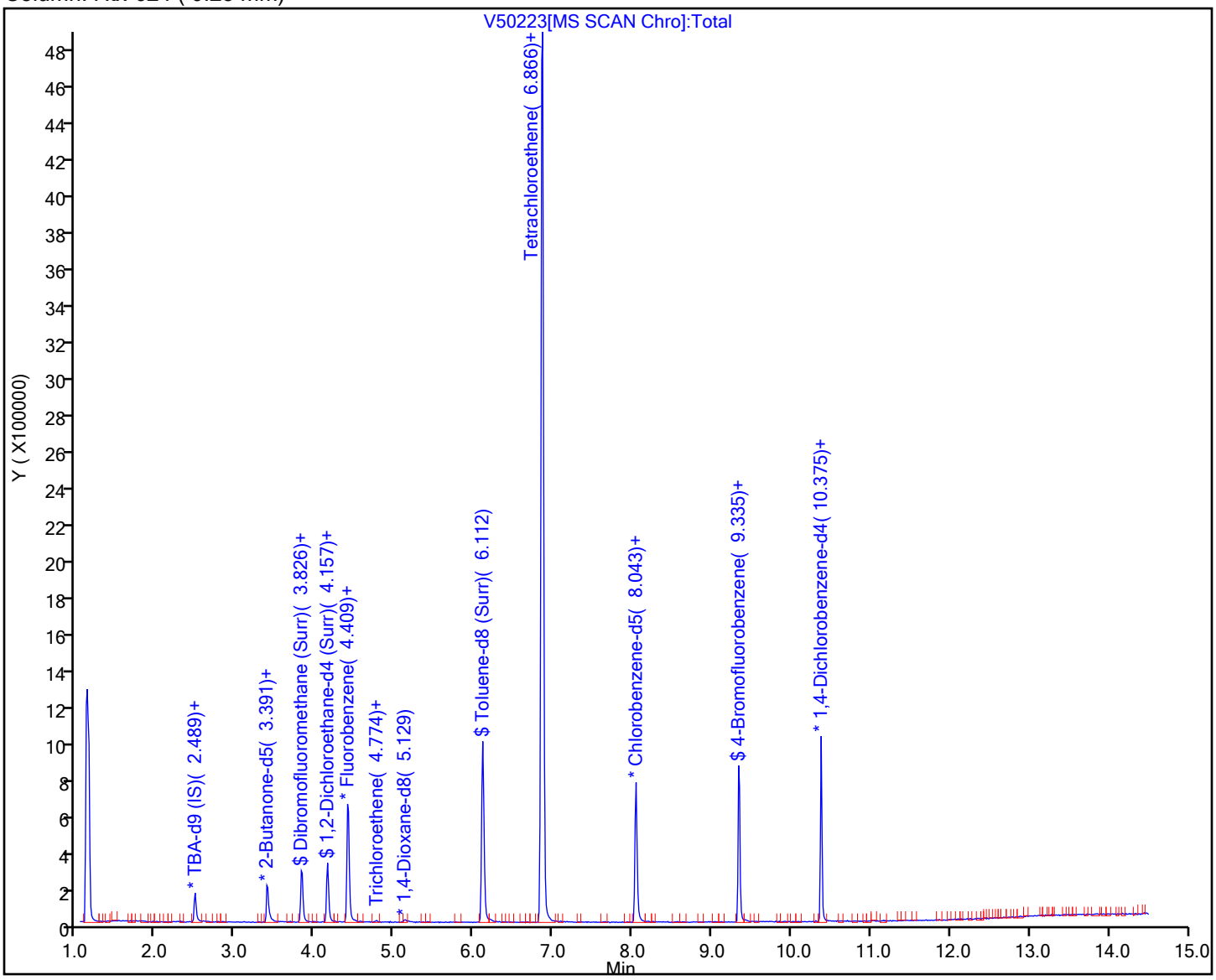
Client ID: A-08

Operator ID: ALS Bottle#: 63 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 2.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D				
Lims ID:	460-297374-B-9				
Client ID:	A-08				
Sample Type:	Client				
Inject. Date:	07-Feb-2024 14:33:30	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Sample Info:	460-297374-B-9				
Misc. Info.:	460-0172054-014				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	07-Feb-2024 14:50:49	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1636				

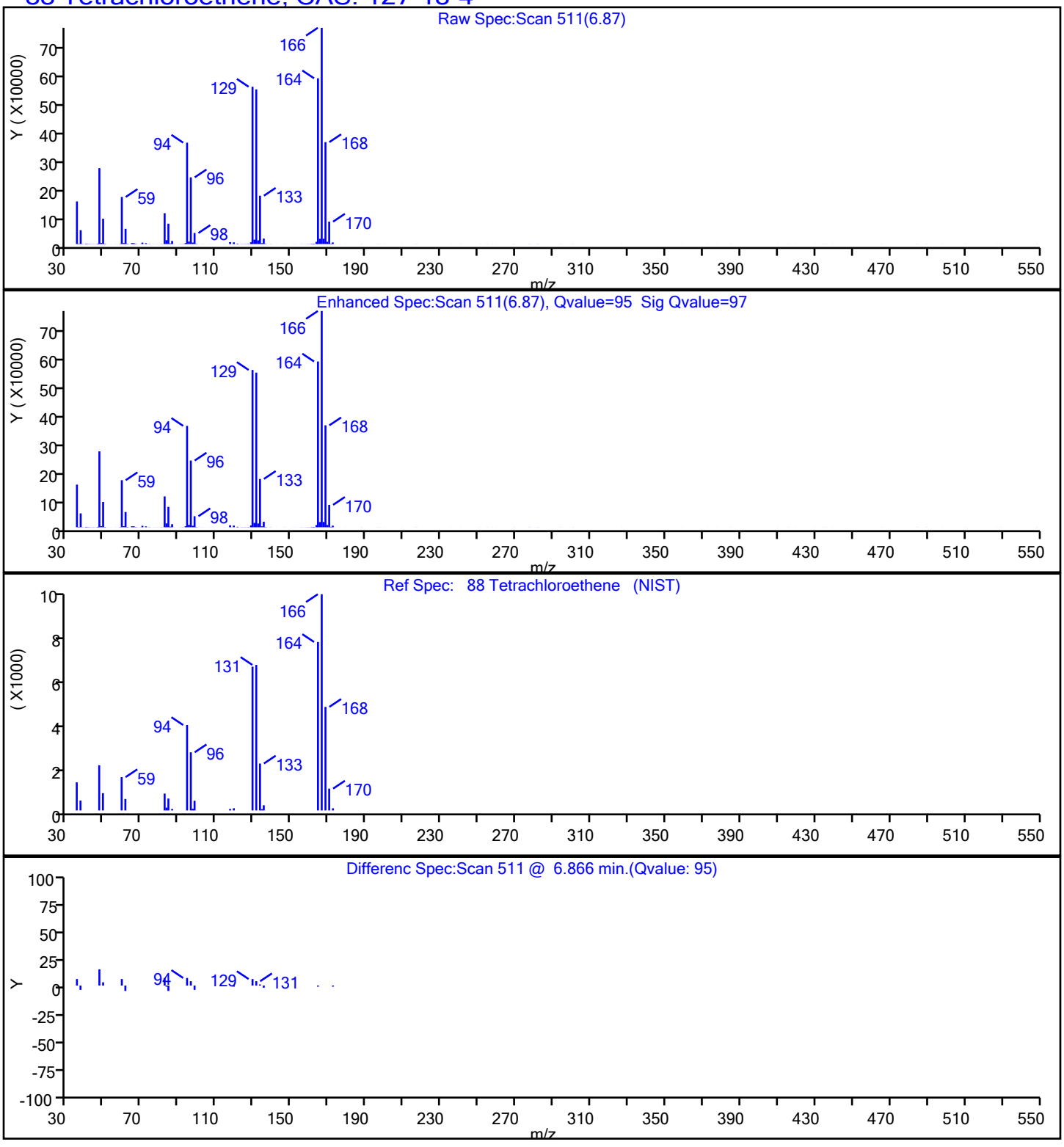
First Level Reviewer: XE5L Date: 07-Feb-2024 14:50:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	52.0	104.02
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.68
$ 82 Toluene-d8 (Surr)	50.0	49.4	98.71
$ 105 4-Bromofluorobenzene	50.0	54.4	108.84

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D		
Injection Date:	07-Feb-2024 14:33:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-9	Lab Sample ID:	460-297374-9
Client ID:	A-08		
Operator ID:		ALS Bottle#:	63 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

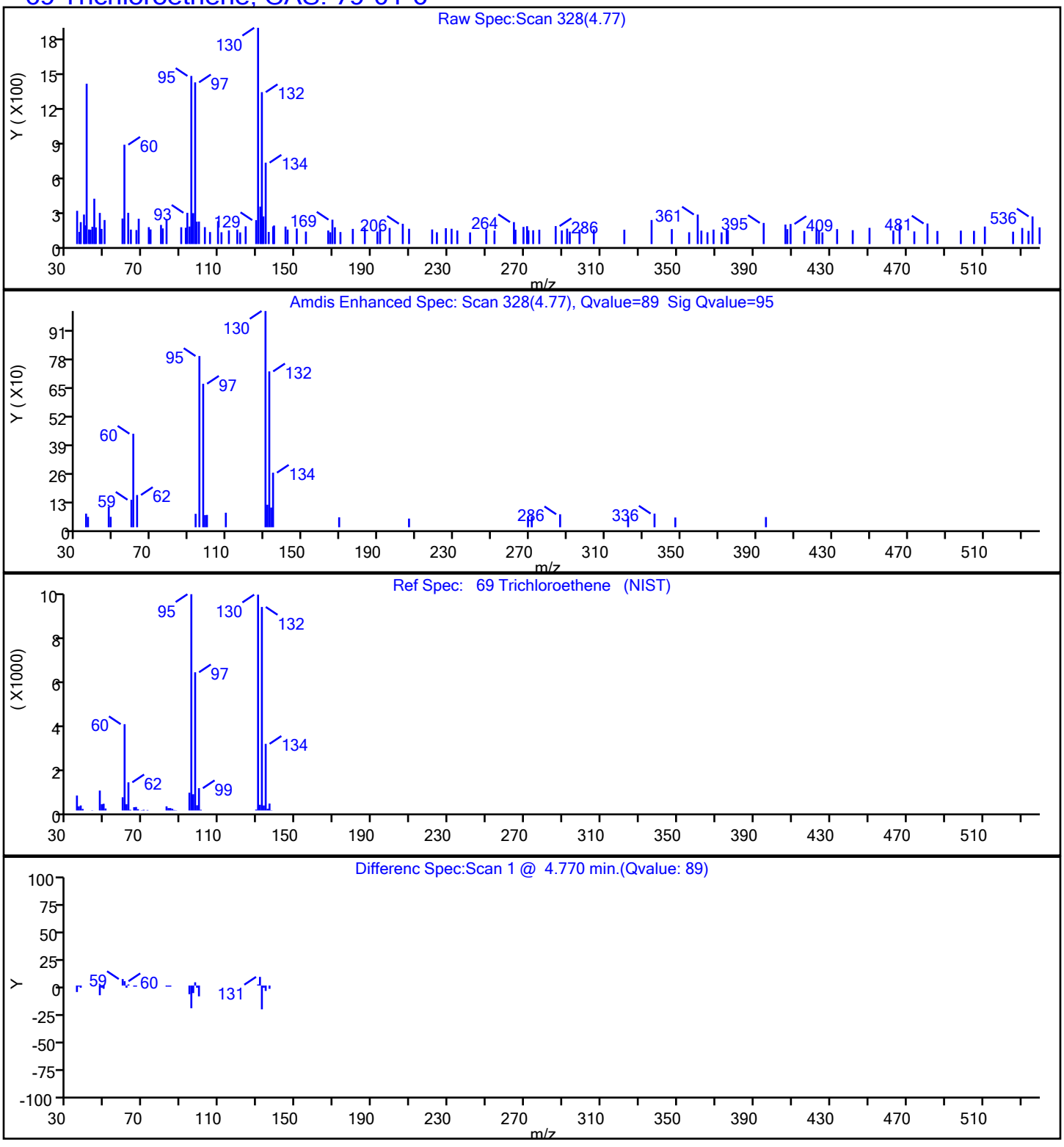
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D		
Injection Date:	07-Feb-2024 14:33:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-B-9	Lab Sample ID:	460-297374-9
Client ID:	A-08		
Operator ID:		ALS Bottle#:	63 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



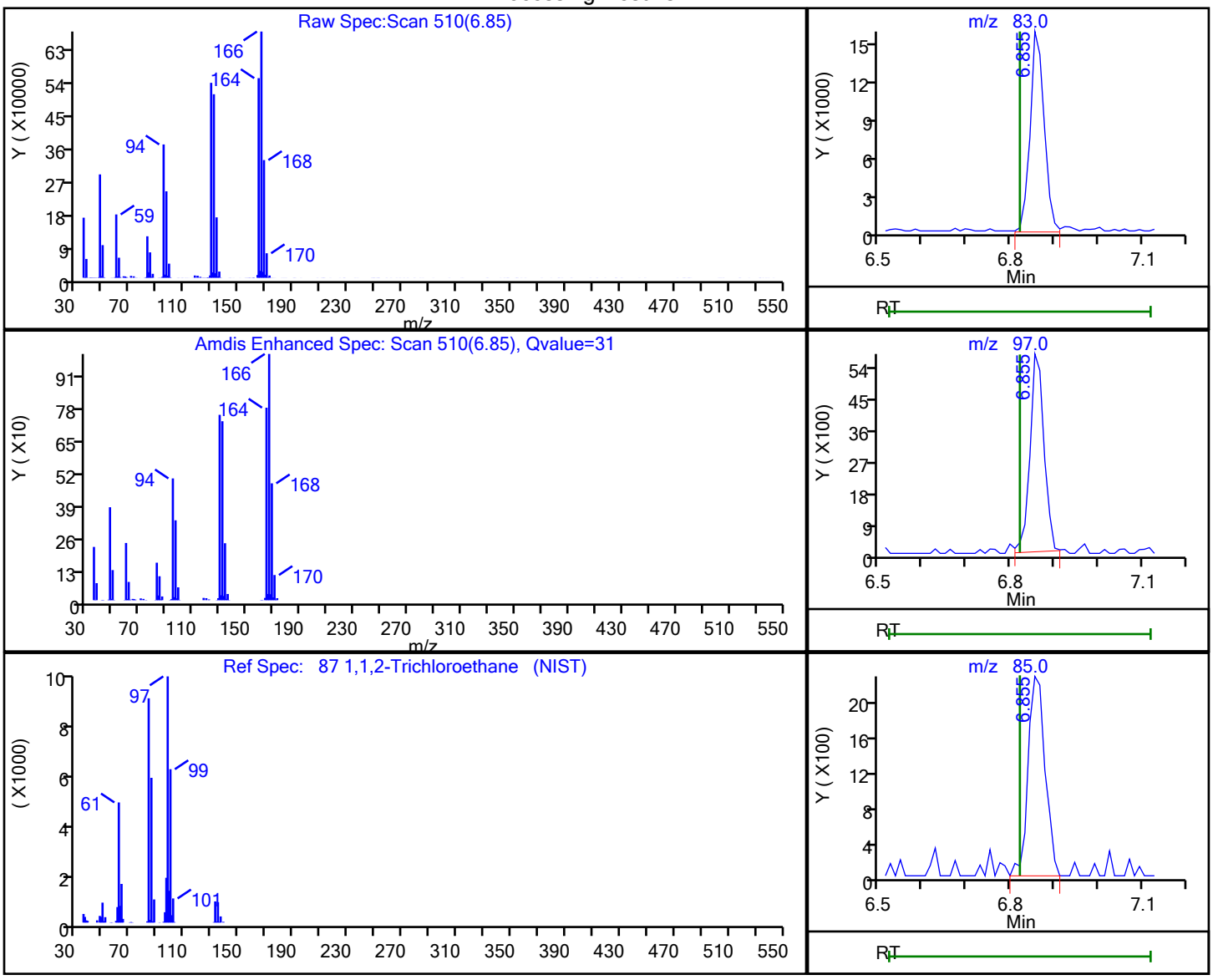
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D				
Injection Date:	07-Feb-2024 14:33:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-9	Lab Sample ID:	460-297374-9		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.85	83.00	33818	7.699720
6.85	97.00	12603	
6.85	85.00	6127	

Reviewer: XE5L, 07-Feb-2024 14:50:38 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

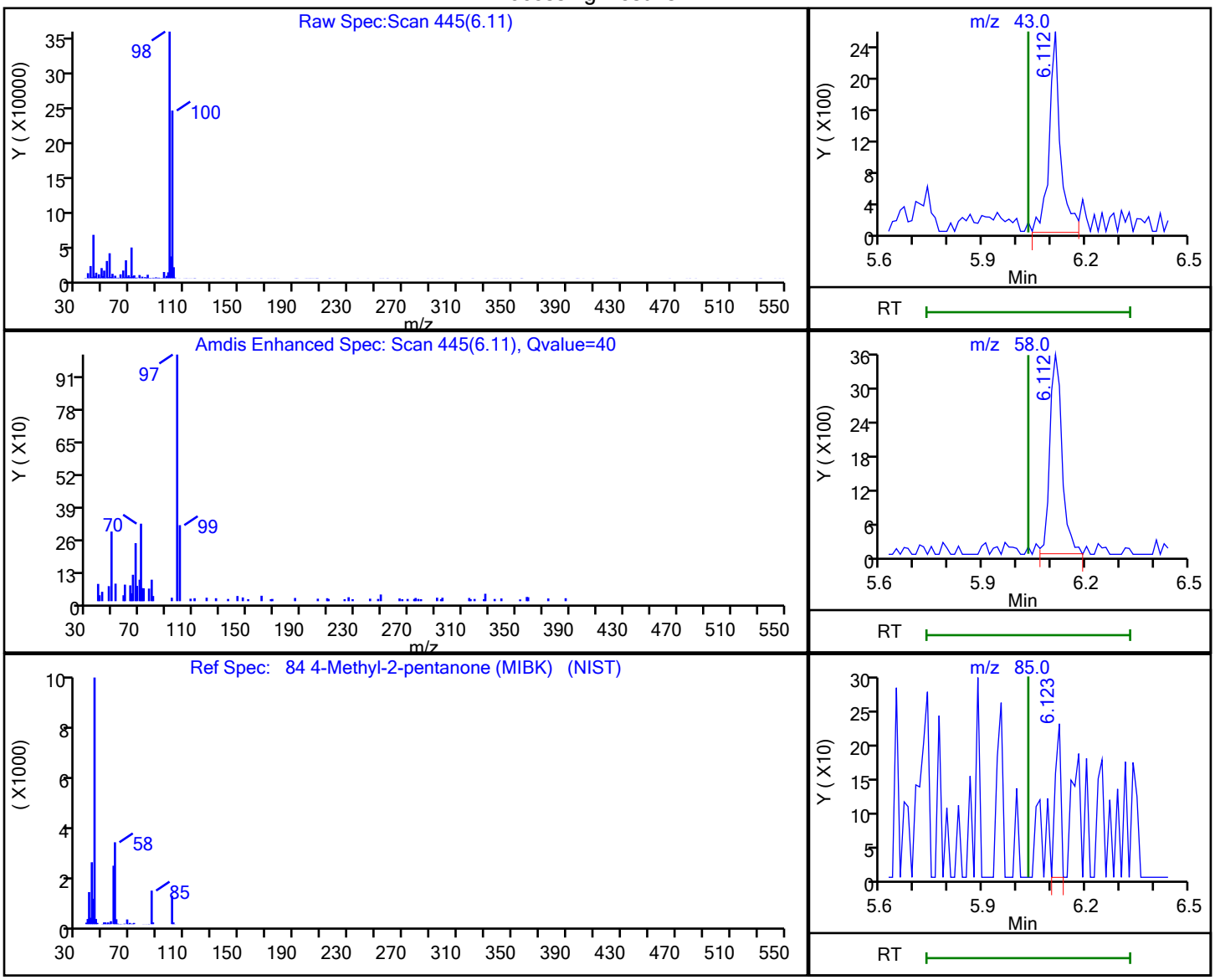
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50223.D				
Injection Date:	07-Feb-2024 14:33:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-B-9	Lab Sample ID:	460-297374-9		
Client ID:	A-08				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	2.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	5845	1.030194
6.11	58.00	8862	
6.12	85.00	260	
6.11	100.00	517268	

Reviewer: XE5L, 07-Feb-2024 14:50:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-297374-10

Matrix: Water | Lab File ID: V50172.D

Analysis Method: 8260D | Date Collected: 01/31/2024 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	130		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.40	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-05 | Lab Sample ID: 460-297374-10

Matrix: Water | Lab File ID: V50172.D

Analysis Method: 8260D | Date Collected: 01/31/2024 12:50

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 16:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D
Lims ID: 460-297374-A-10
Client ID: A-05
Sample Type: Client
Inject. Date: 06-Feb-2024 16:39:30 ALS Bottle#: 77 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-10
Misc. Info.: 460-0172003-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:30:12 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:30:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	97	28714	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	362840	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	94	183905	49.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	258222	55.5	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	98	698214	50.0	
69 Trichloroethene	95	4.774	4.763	0.011	85	2628	0.4022	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	92	18303	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	849678	52.4	
88 Tetrachloroethene	166	6.866	6.866	0.000	93	800341	133.9	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	482485	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	217720	52.1	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	212655	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:30:12 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D

Injection Date: 06-Feb-2024 16:39:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-10 Lab Sample ID: 460-297374-10

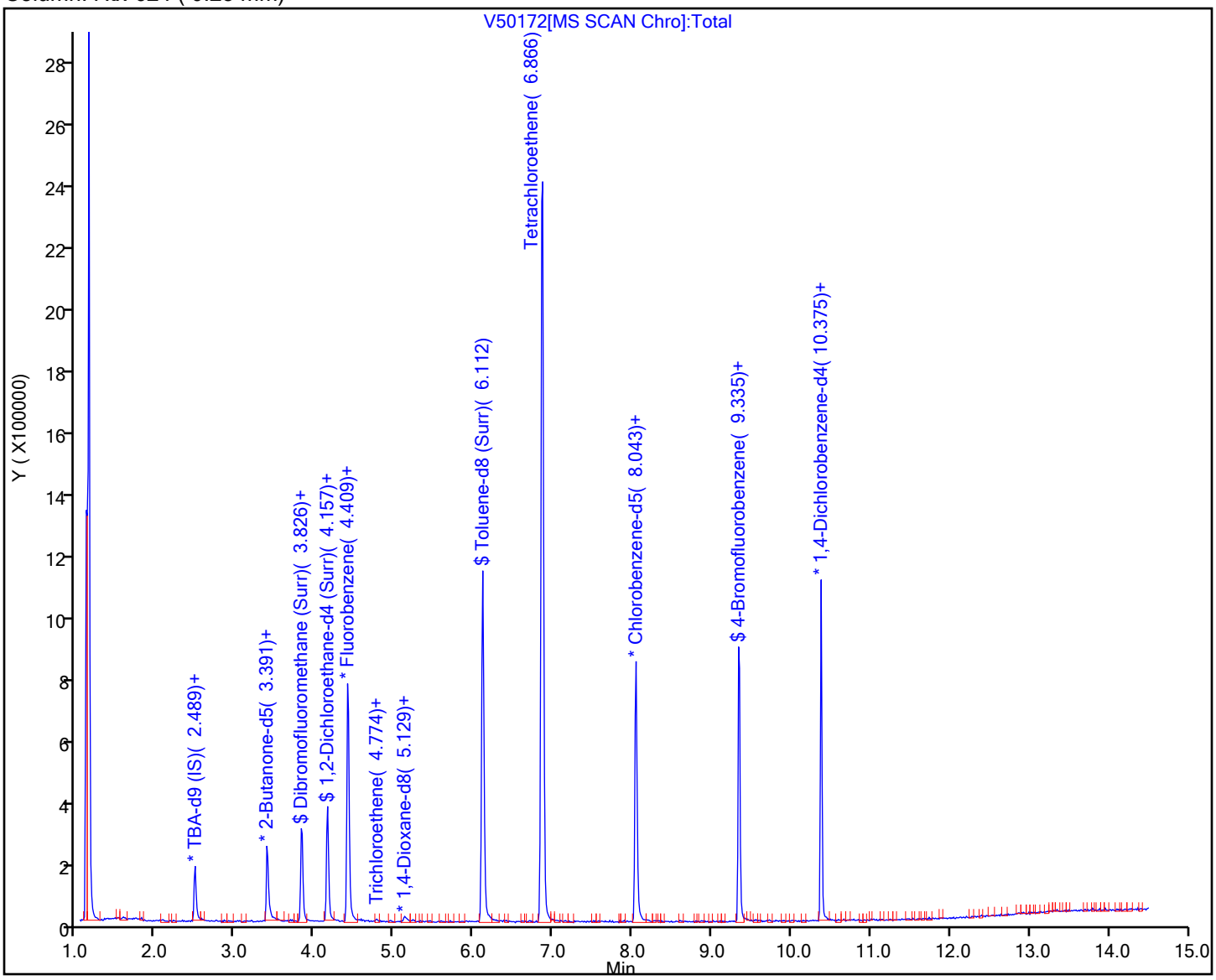
Client ID: A-05

Operator ID: ALS Bottle#: 77 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D				
Lims ID:	460-297374-A-10				
Client ID:	A-05				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 16:39:30	ALS Bottle#:	77	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-10				
Misc. Info.:	460-0172003-027				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 19:30:12	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

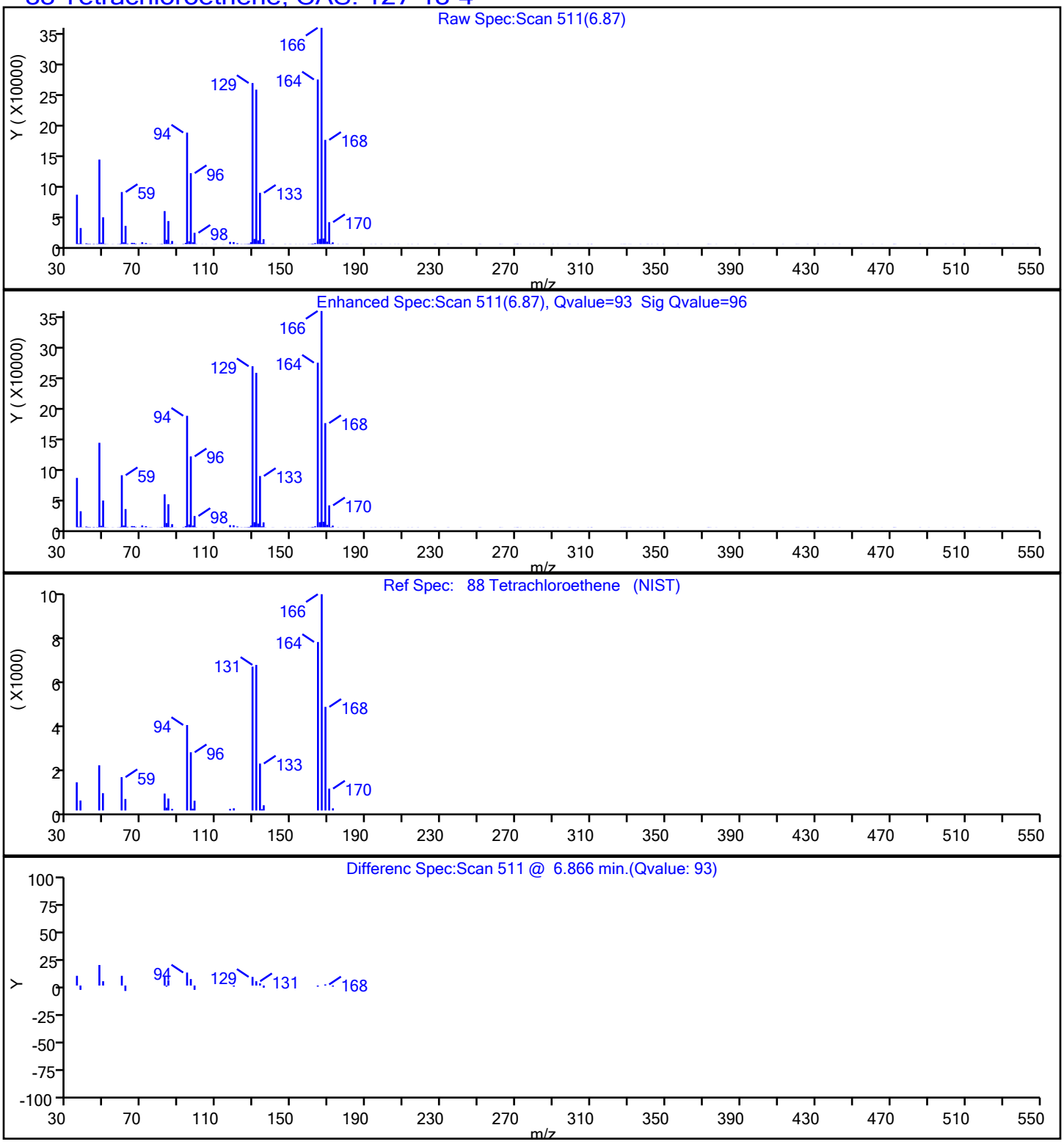
First Level Reviewer: C1JX Date: 06-Feb-2024 19:30:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.3	98.52
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	55.5	110.92
$ 82 Toluene-d8 (Surr)	50.0	52.4	104.75
$ 105 4-Bromofluorobenzene	50.0	52.1	104.19

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D				
Injection Date:	06-Feb-2024 16:39:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-10	Lab Sample ID:	460-297374-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

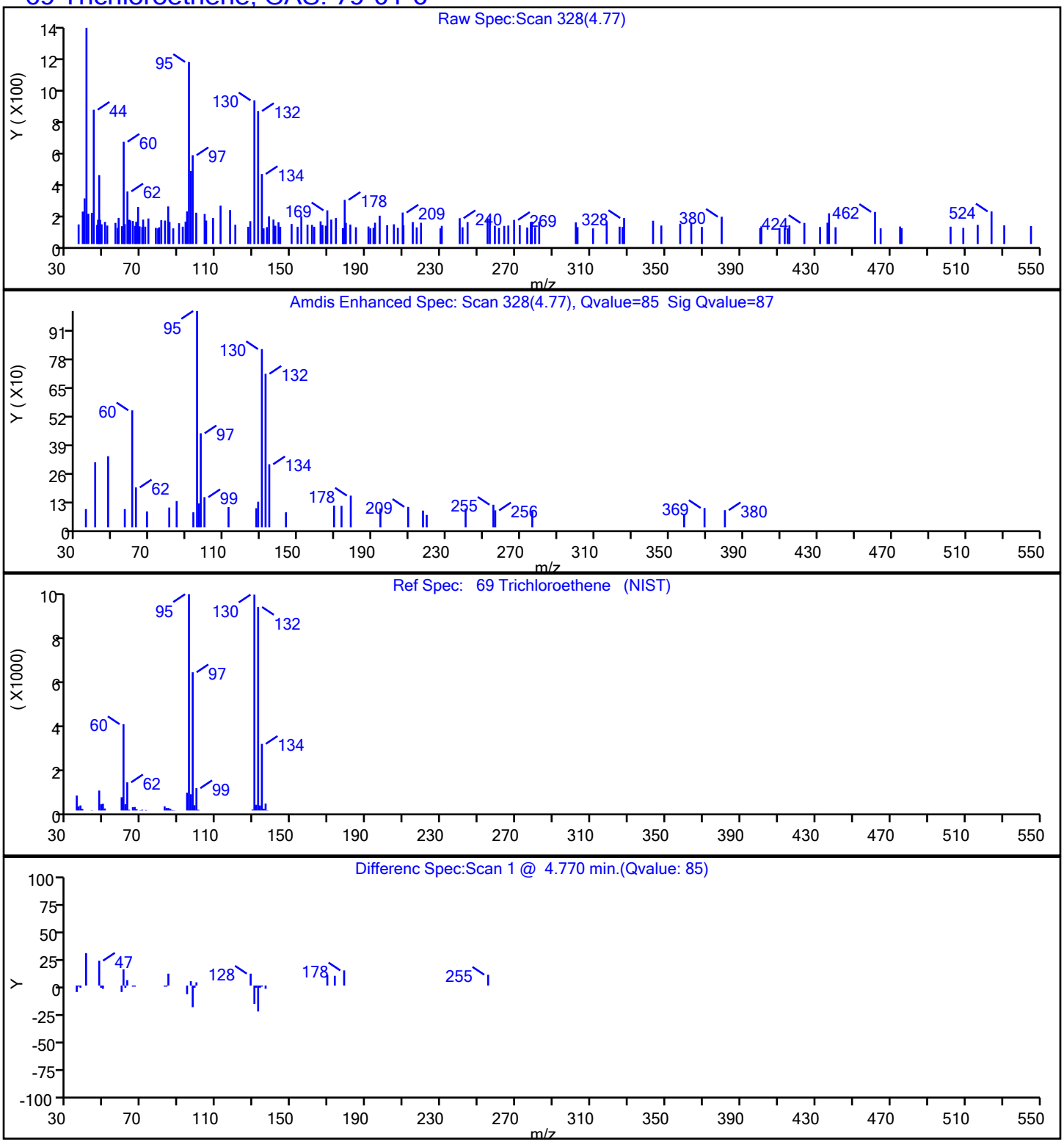
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D		
Injection Date:	06-Feb-2024 16:39:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-10	Lab Sample ID:	460-297374-10
Client ID:	A-05		
Operator ID:		ALS Bottle#:	77 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

69 Trichloroethene, CAS: 79-01-6



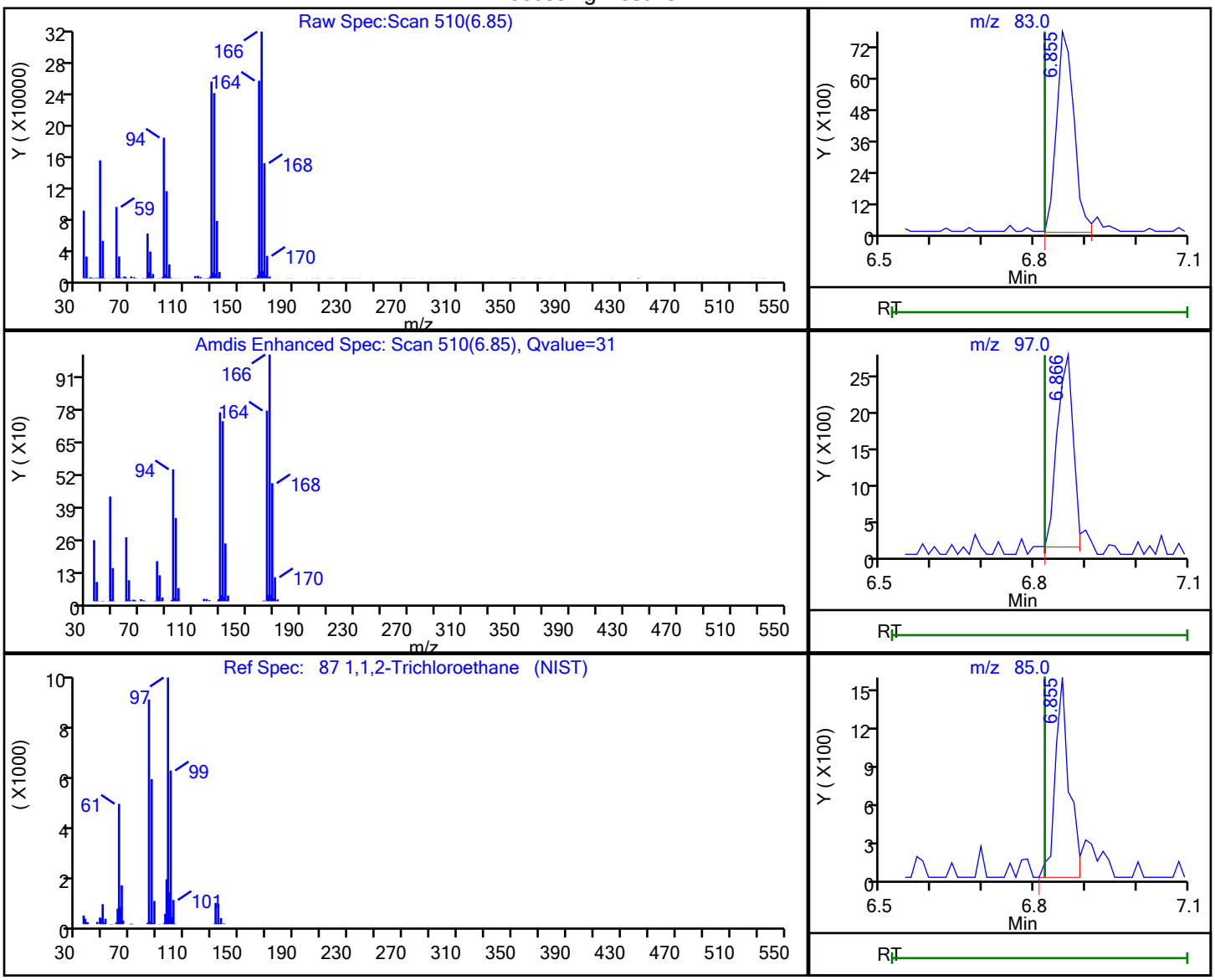
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D				
Injection Date:	06-Feb-2024 16:39:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-10	Lab Sample ID:	460-297374-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.85	83.00	18312	4.031494
6.87	97.00	5672	
6.85	85.00	2873	

Reviewer: C1JX, 06-Feb-2024 19:29:58 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

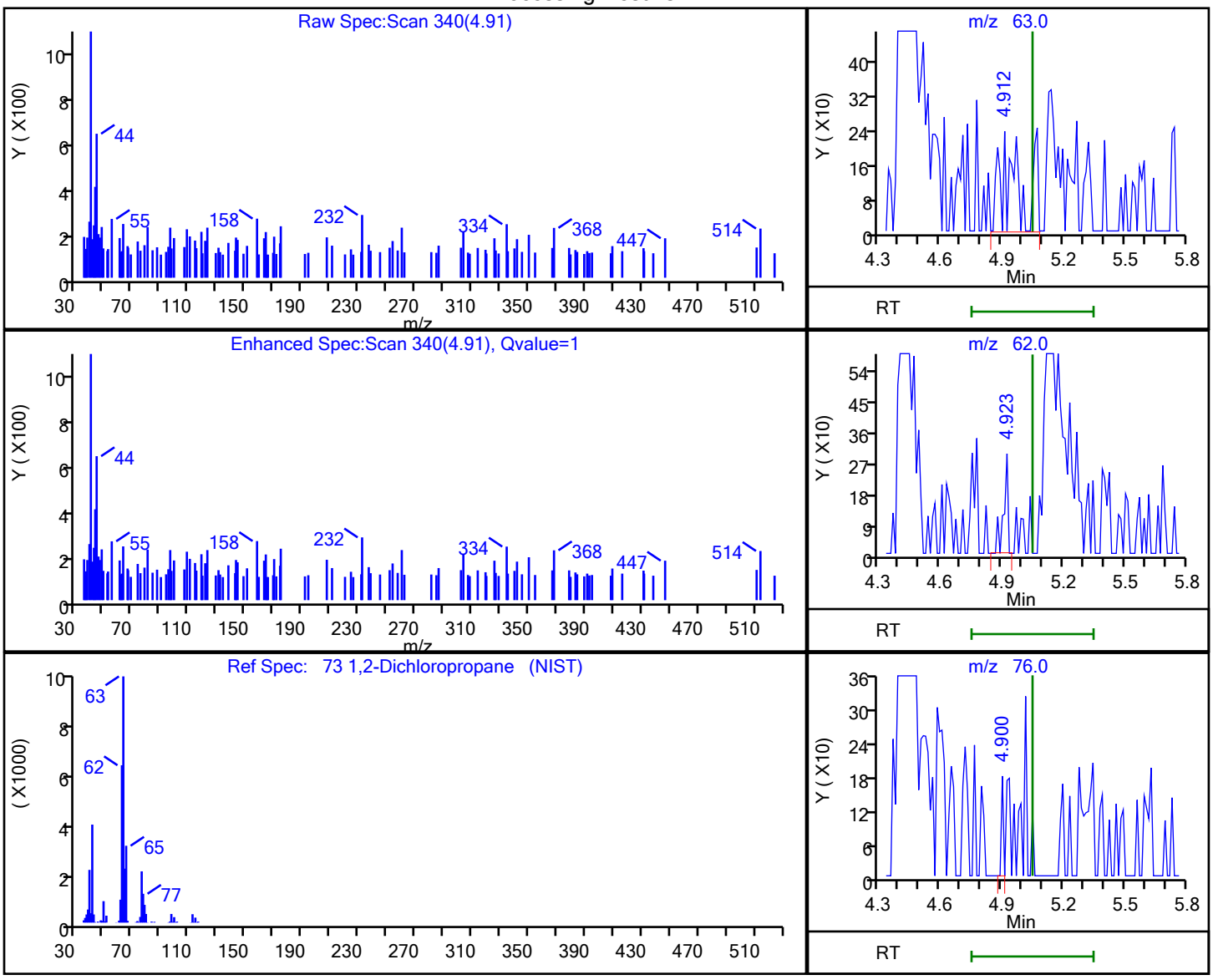
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50172.D				
Injection Date:	06-Feb-2024 16:39:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-10	Lab Sample ID:	460-297374-10		
Client ID:	A-05				
Operator ID:		ALS Bottle#:	77	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.91	63.00	1461	0.206383
4.92	62.00	427	
4.90	76.00	123	
4.98	112.00	241	

Reviewer: C1JX, 06-Feb-2024 19:29:56 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-297374-11

Matrix: Water | Lab File ID: V50173.D

Analysis Method: 8260D | Date Collected: 01/31/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 17:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.47	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	9.3		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	0.65	J	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-09 | Lab Sample ID: 460-297374-11

Matrix: Water | Lab File ID: V50173.D

Analysis Method: 8260D | Date Collected: 01/31/2024 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 17:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D
Lims ID: 460-297374-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 06-Feb-2024 17:00:30 ALS Bottle#: 78 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-11
Misc. Info.: 460-0172003-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:30:12 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:41:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.380	1.380	0.000	65	4027	0.4663	
7 Vinyl chloride	62	1.140	1.437	-0.297	50	5809	0.6479	
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	26704	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	337490	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	95	175493	48.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	238545	52.4	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	682774	50.0	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	92	18189	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	823561	51.2	
88 Tetrachloroethene	166	6.866	6.866	0.000	91	55136	9.30	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	478357	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	198977	48.0	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	197783	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:41:01 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D

Injection Date: 06-Feb-2024 17:00:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-11 Lab Sample ID: 460-297374-11

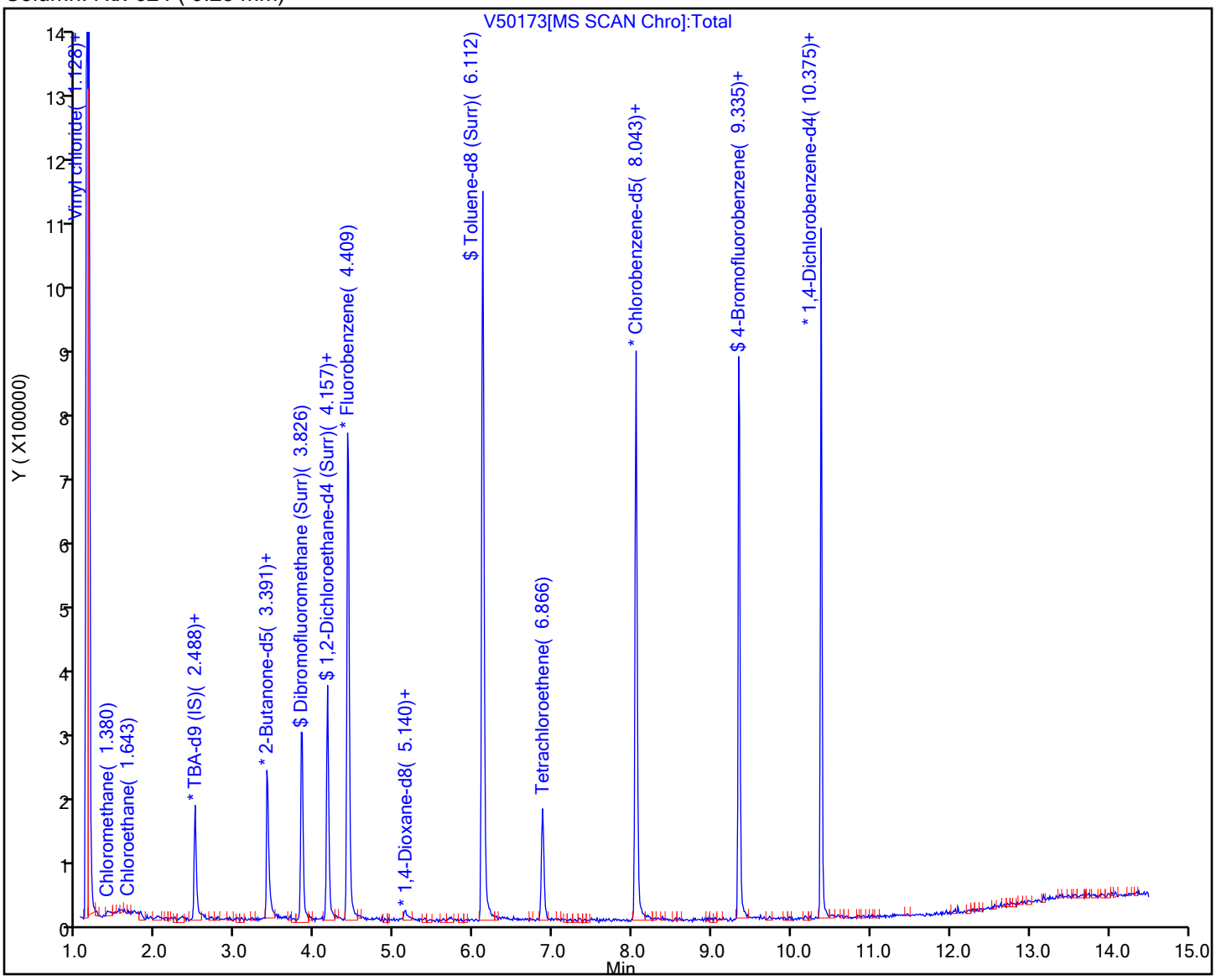
Client ID: A-09

Operator ID: ALS Bottle#: 78 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D
Lims ID: 460-297374-A-11
Client ID: A-09
Sample Type: Client
Inject. Date: 06-Feb-2024 17:00:30 ALS Bottle#: 78 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-11
Misc. Info.: 460-0172003-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:30:12 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

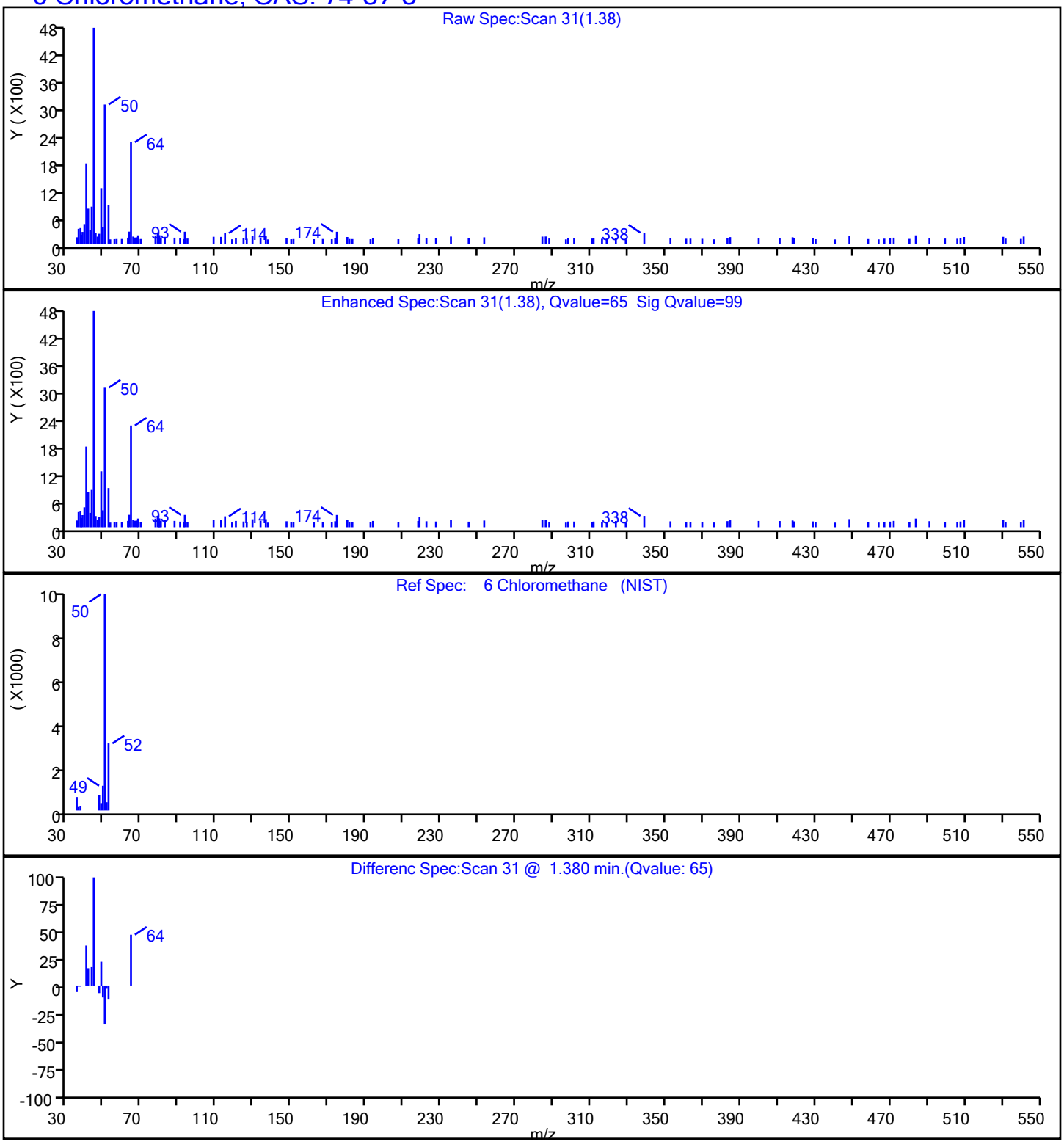
First Level Reviewer: C1JX Date: 06-Feb-2024 19:41:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.1	96.14
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.78
$ 82 Toluene-d8 (Surr)	50.0	51.2	102.40
$ 105 4-Bromofluorobenzene	50.0	48.0	96.04

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D		
Injection Date:	06-Feb-2024 17:00:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-11	Lab Sample ID:	460-297374-11
Client ID:	A-09		
Operator ID:		ALS Bottle#:	78 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

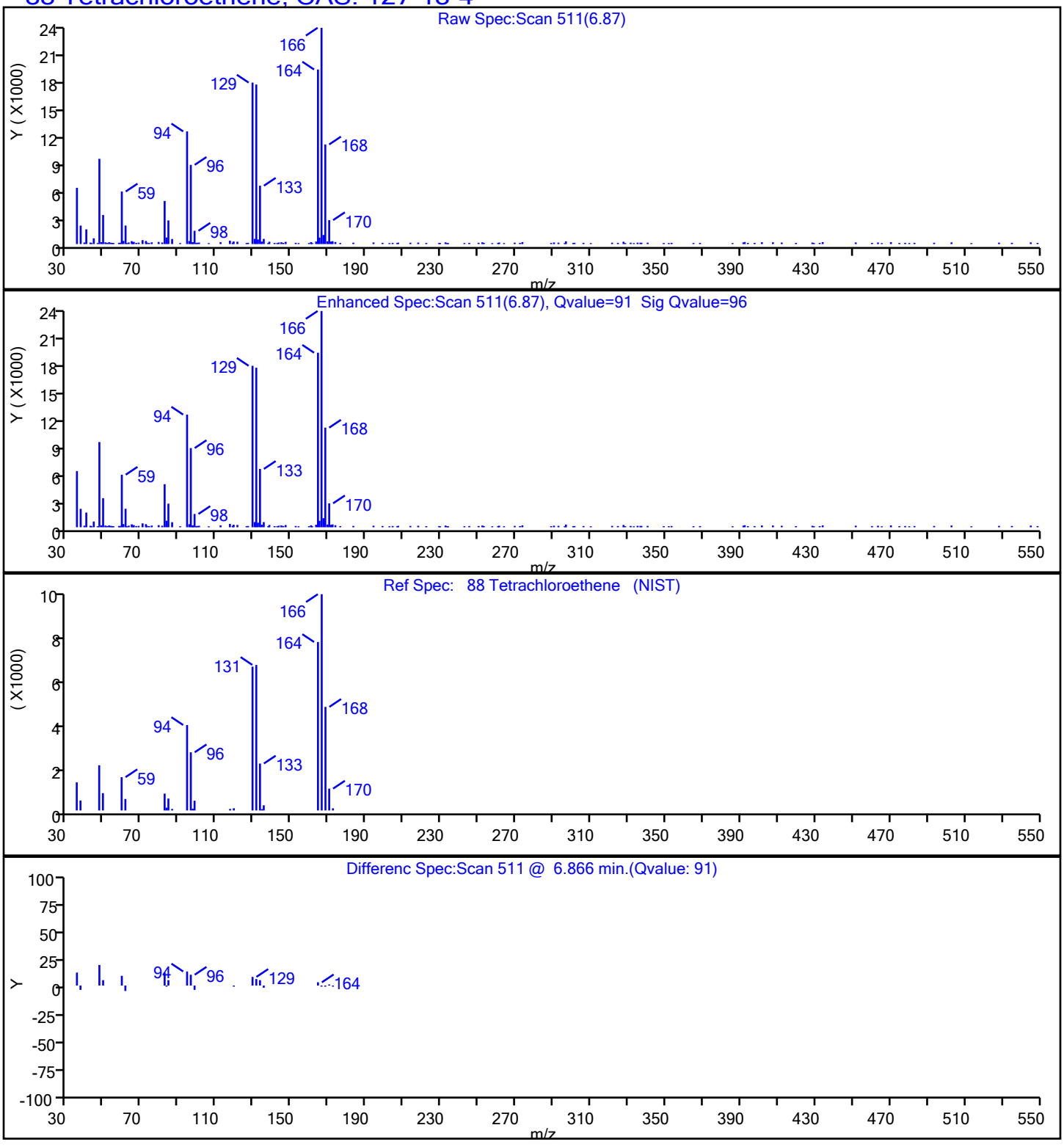
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D
Injection Date: 06-Feb-2024 17:00:30 Instrument ID: CVOAMS7
Lims ID: 460-297374-A-11 Lab Sample ID: 460-297374-11
Client ID: A-09
Operator ID: ALS Bottle#: 78 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

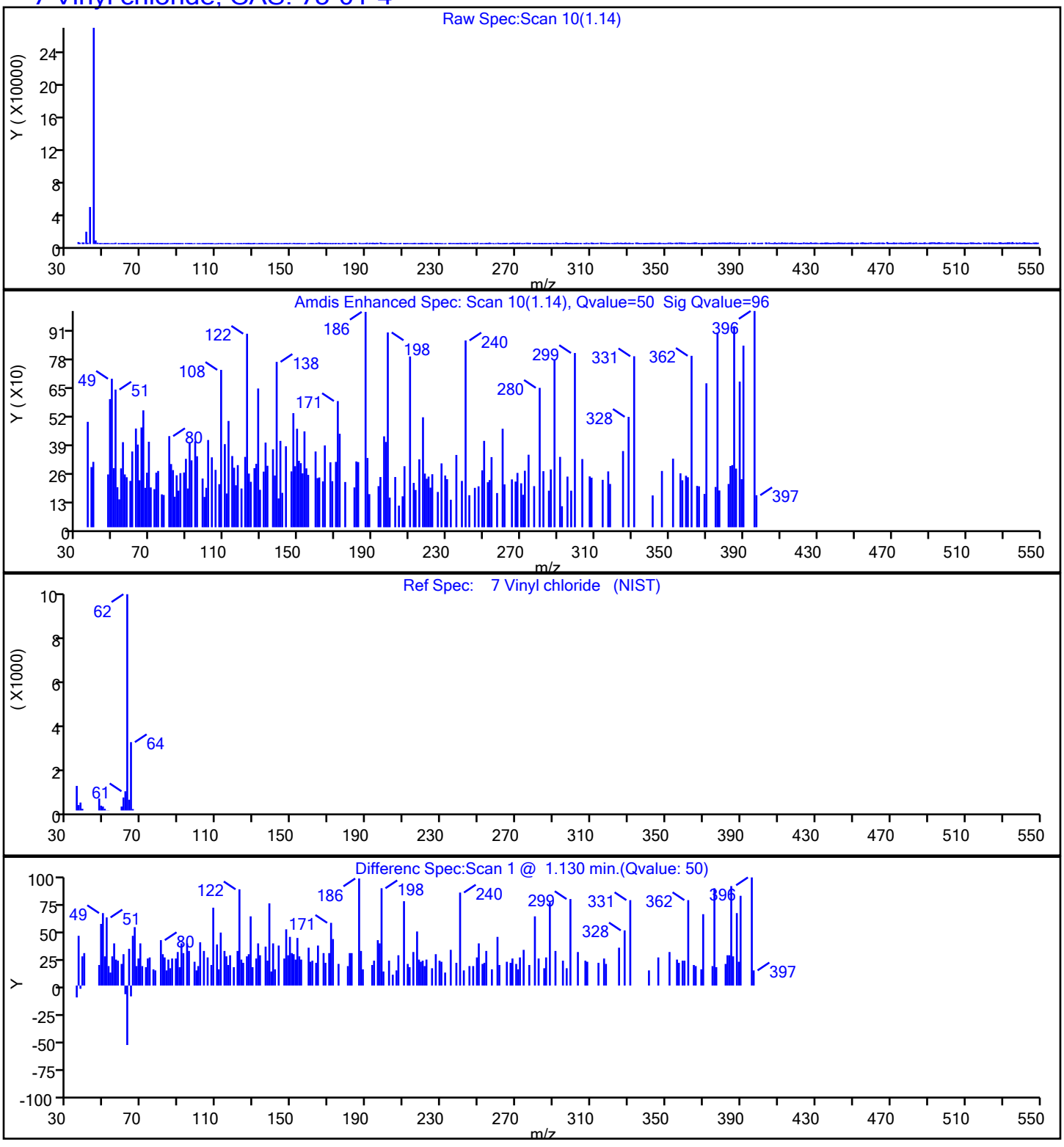
88 Tetrachloroethene, CAS: 127-18-4



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50173.D		
Injection Date:	06-Feb-2024 17:00:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-11	Lab Sample ID:	460-297374-11
Client ID:	A-09		
Operator ID:		ALS Bottle#:	78 Worklist Smp#: 28
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

7 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-10 | Lab Sample ID: 460-297374-12

Matrix: Water | Lab File ID: V50174.D

Analysis Method: 8260D | Date Collected: 01/31/2024 13:30

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 17:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	0.56	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	15		1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	0.63	J	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-10 Lab Sample ID: 460-297374-12

Matrix: Water Lab File ID: V50174.D

Analysis Method: 8260D Date Collected: 01/31/2024 13:30

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 17:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-132
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D
Lims ID: 460-297374-A-12
Client ID: A-10
Sample Type: Client
Inject. Date: 06-Feb-2024 17:21:30 ALS Bottle#: 79 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-12
Misc. Info.: 460-0172003-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 19:41:28 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: C1JX Date: 06-Feb-2024 19:41:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.380	1.380	0.000	64	4629	0.5635	
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	33141	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	98	395702	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	185783	53.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	257633	59.5	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	649557	50.0	
69 Trichloroethene	95	4.774	4.763	0.011	90	3826	0.6294	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	92	23636	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	841100	53.3	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	89880	15.5	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	469158	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	211174	52.0	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	205642	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 19:41:29 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D

Injection Date: 06-Feb-2024 17:21:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-12 Lab Sample ID: 460-297374-12

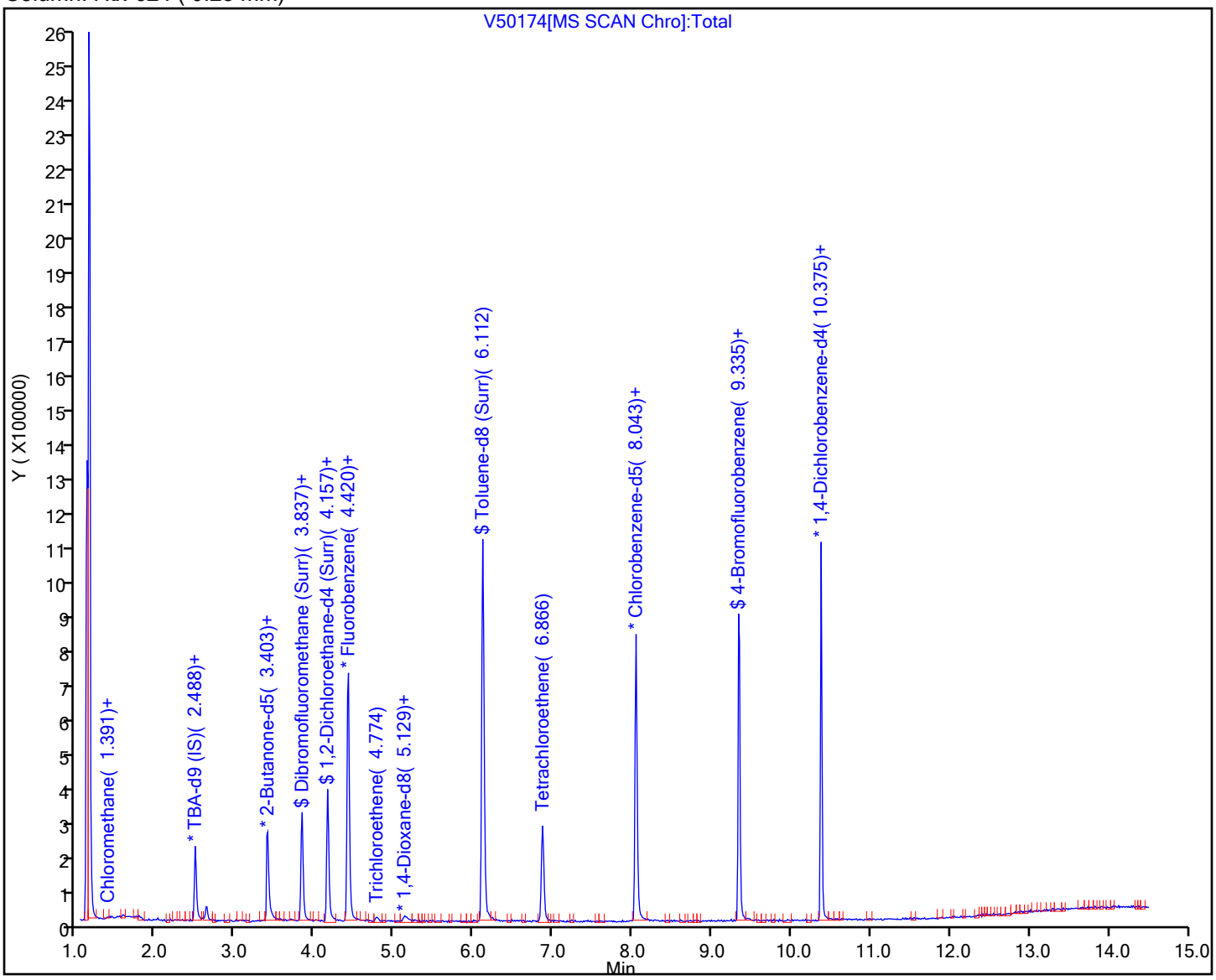
Client ID: A-10

Operator ID: ALS Bottle#: 79 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D				
Lims ID:	460-297374-A-12				
Client ID:	A-10				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 17:21:30	ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-12				
Misc. Info.:	460-0172003-029				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 19:41:28	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

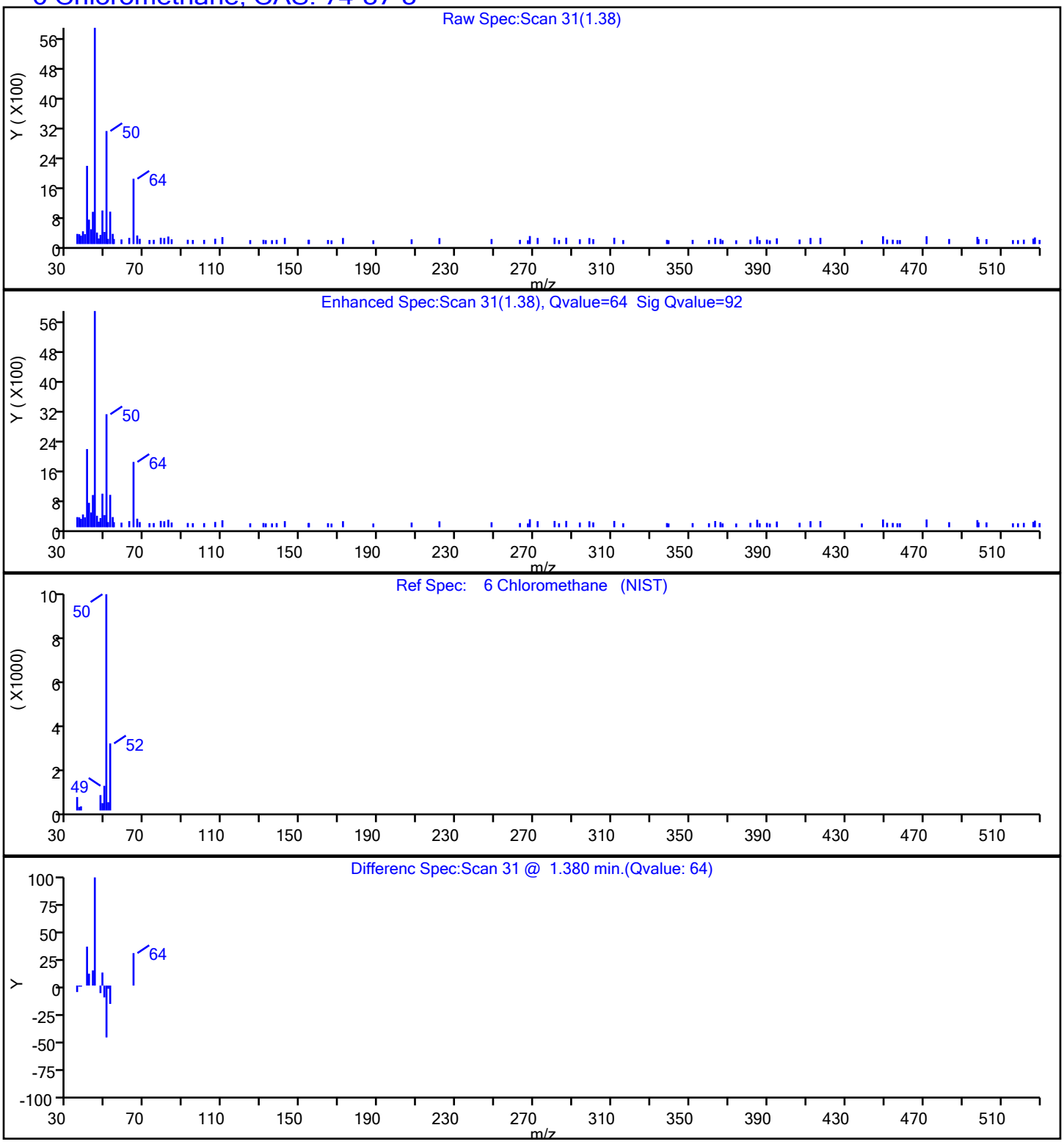
First Level Reviewer: C1JX Date: 06-Feb-2024 19:41:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.5	106.99
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	59.5	118.95
$ 82 Toluene-d8 (Surr)	50.0	53.3	106.63
$ 105 4-Bromofluorobenzene	50.0	52.0	103.93

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D				
Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

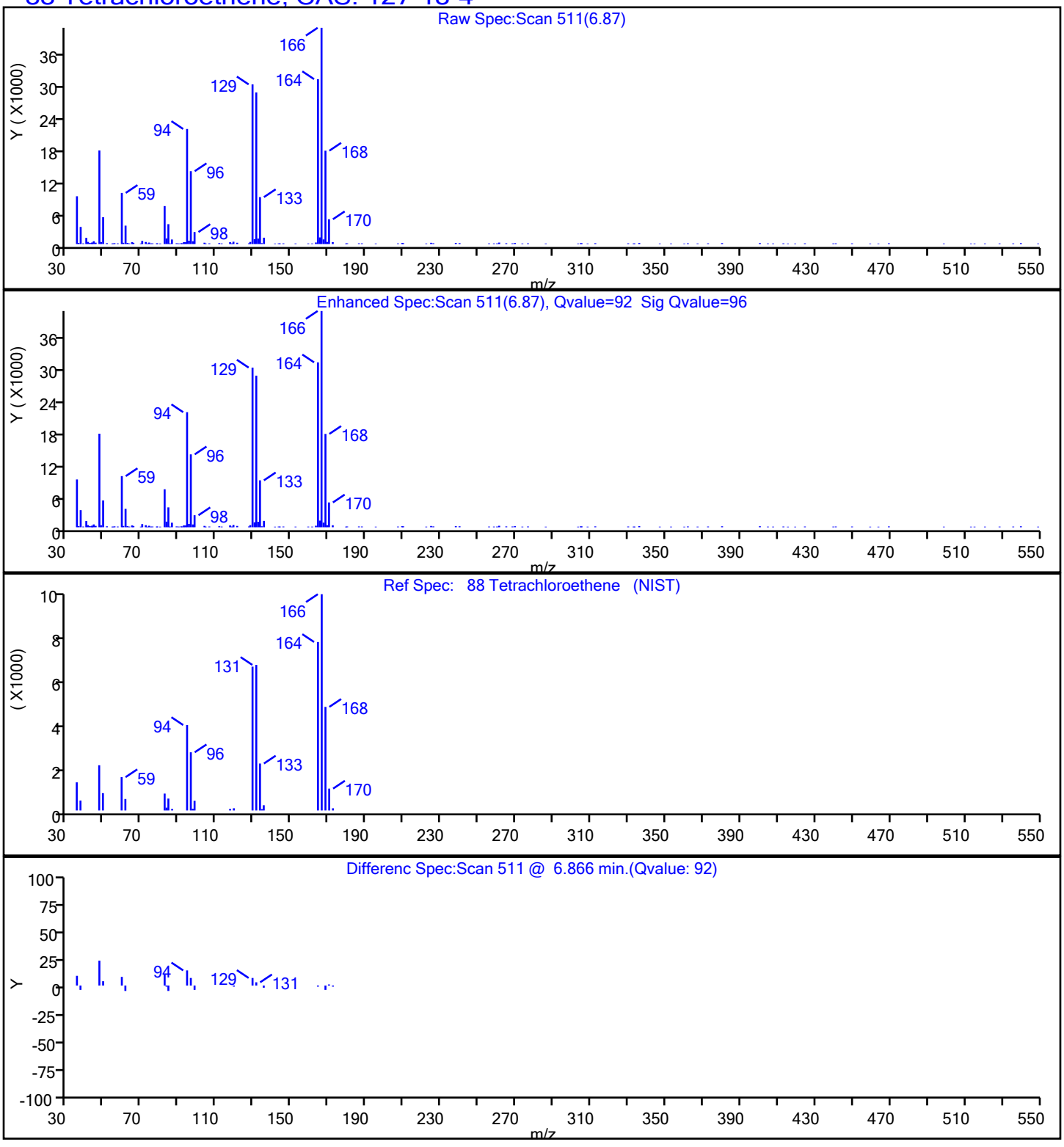
6 Chloromethane, CAS: 74-87-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D		
Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12
Client ID:	A-10		
Operator ID:		ALS Bottle#:	79 Worklist Smp#: 29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

88 Tetrachloroethene, CAS: 127-18-4



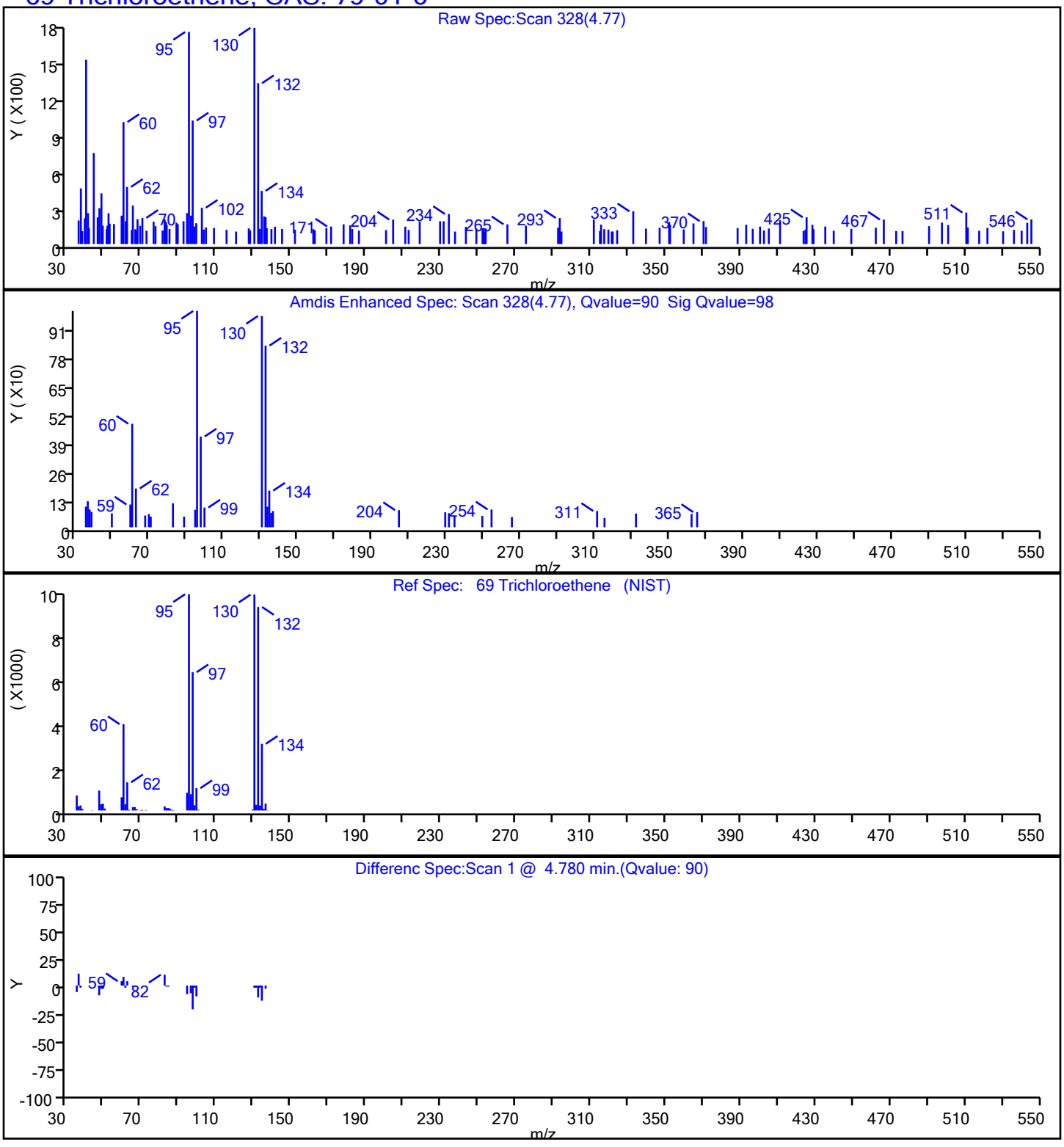
Report Date: 06-Feb-2024 19:41:29 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D

Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



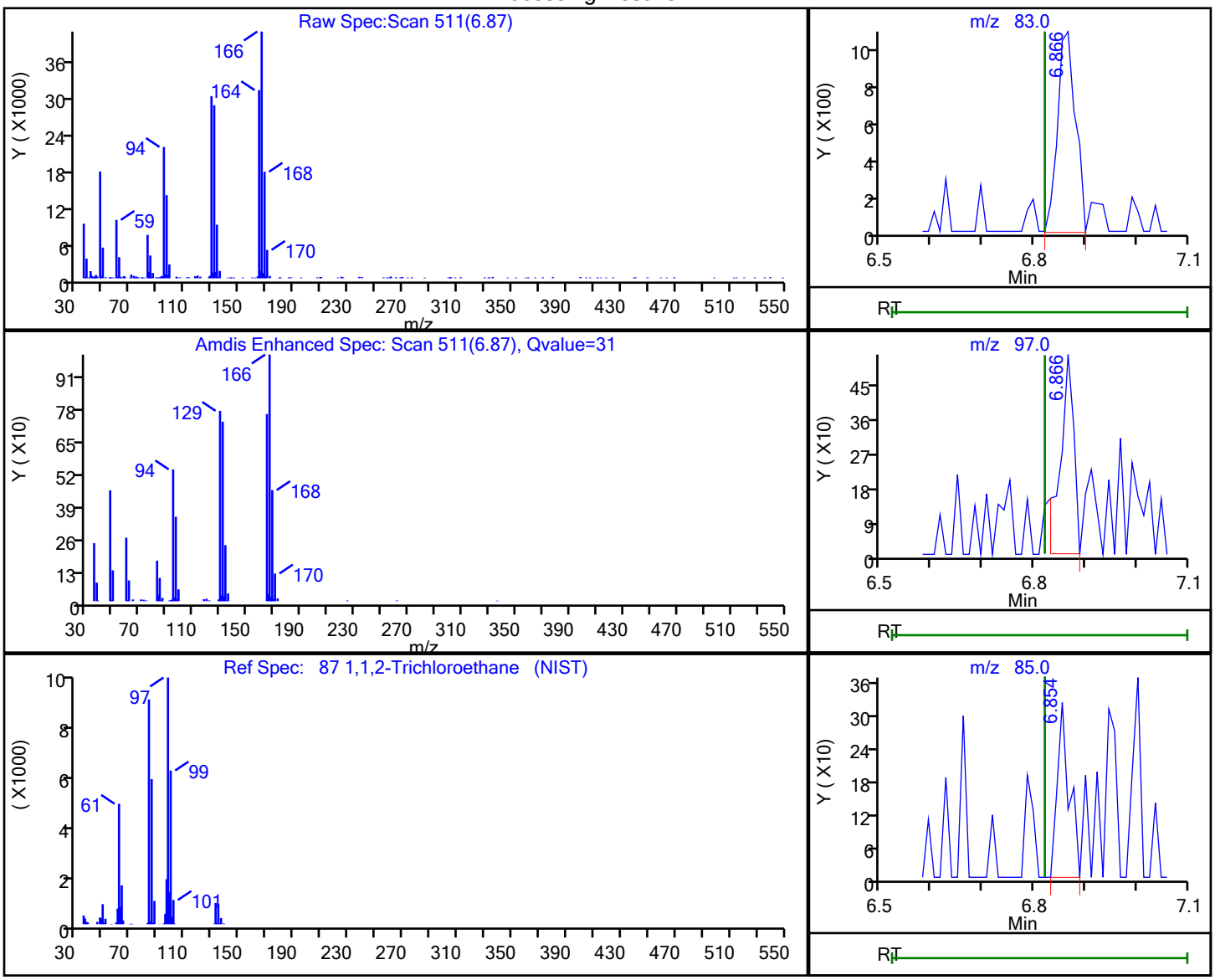
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D				
Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.87	83.00	2577	0.583458
6.87	97.00	974	
6.85	85.00	515	

Reviewer: C1JX, 06-Feb-2024 19:41:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

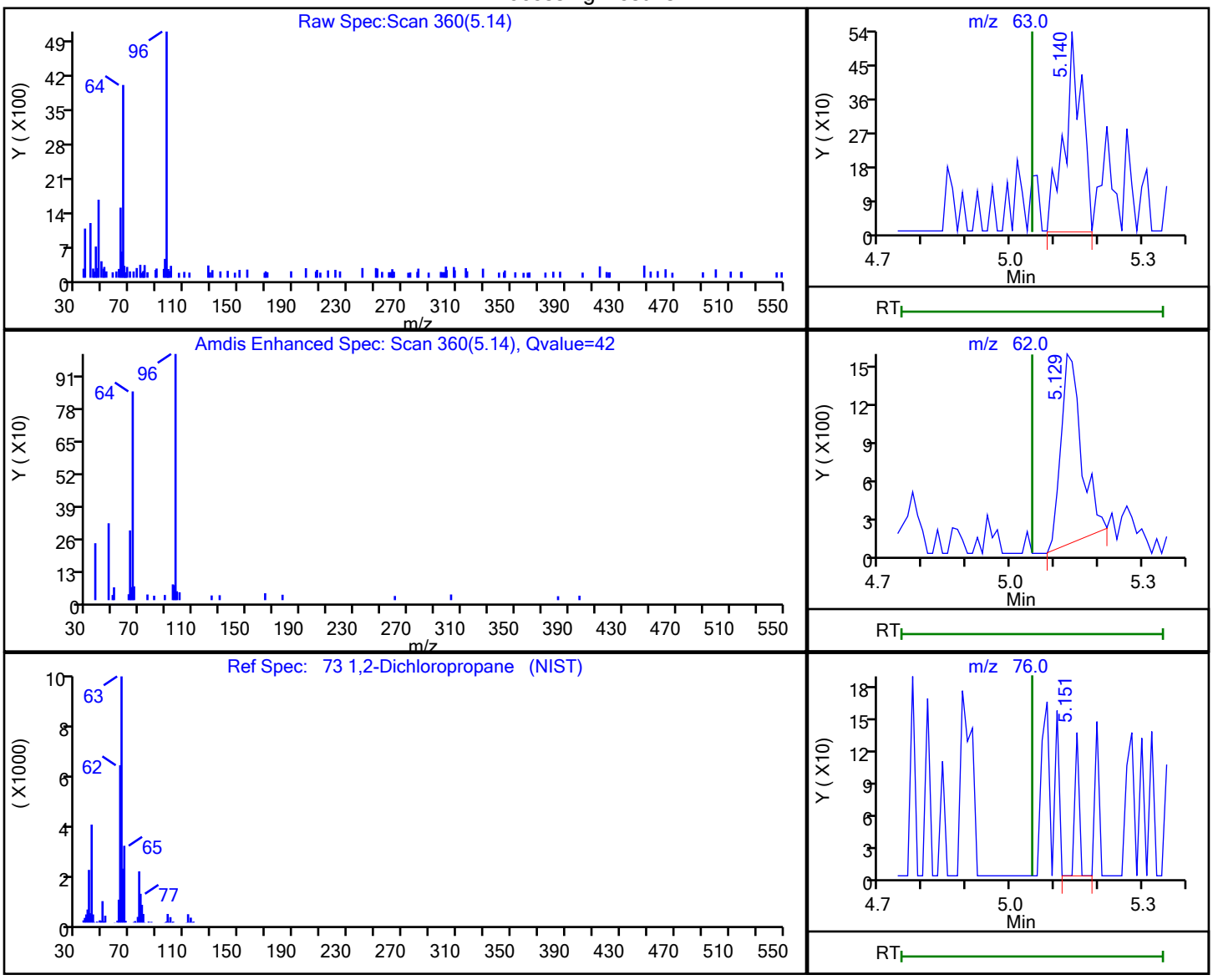
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D				
Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
5.14	63.00	1509	0.229132
5.13	62.00	4648	
5.15	76.00	89	
5.05	112.00	0	

Reviewer: C1JX, 06-Feb-2024 19:41:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

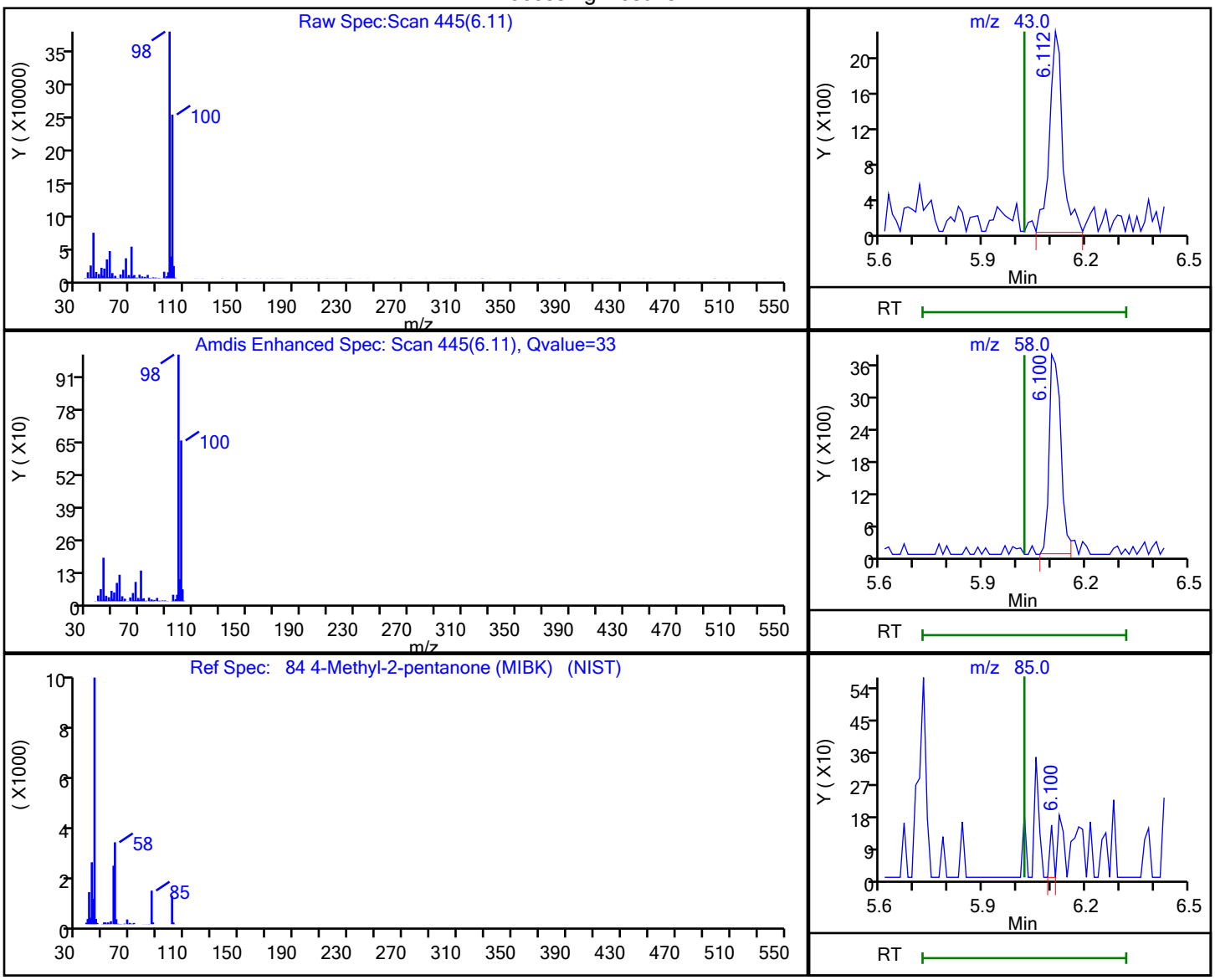
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50174.D				
Injection Date:	06-Feb-2024 17:21:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-12	Lab Sample ID:	460-297374-12		
Client ID:	A-10				
Operator ID:		ALS Bottle#:	79	Worklist Smp#:	29
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	5999	0.833055
6.10	58.00	8958	
6.10	85.00	102	
6.11	100.00	543137	

Reviewer: C1JX, 06-Feb-2024 19:41:17 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: FB0131 | Lab Sample ID: 460-297374-13

Matrix: Water | Lab File ID: V50162.D

Analysis Method: 8260D | Date Collected: 01/31/2024 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 13:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: FB0131 Lab Sample ID: 460-297374-13

Matrix: Water Lab File ID: V50162.D

Analysis Method: 8260D Date Collected: 01/31/2024 14:00

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 13:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50162.D
Lims ID: 460-297374-A-13
Client ID: FB0131
Sample Type: Client
Inject. Date: 06-Feb-2024 13:06:30 ALS Bottle#: 67 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-13
Misc. Info.: 460-0172003-017
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 14:33:39 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: K0HS Date: 06-Feb-2024 14:34:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	31034	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	376476	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	184672	47.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	247141	51.3	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	722195	50.0	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	93	16435	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	859857	49.0	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	92	521352	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	216237	47.9	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	222431	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 14:34:41 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50162.D

Injection Date: 06-Feb-2024 13:06:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-13 Lab Sample ID: 460-297374-13

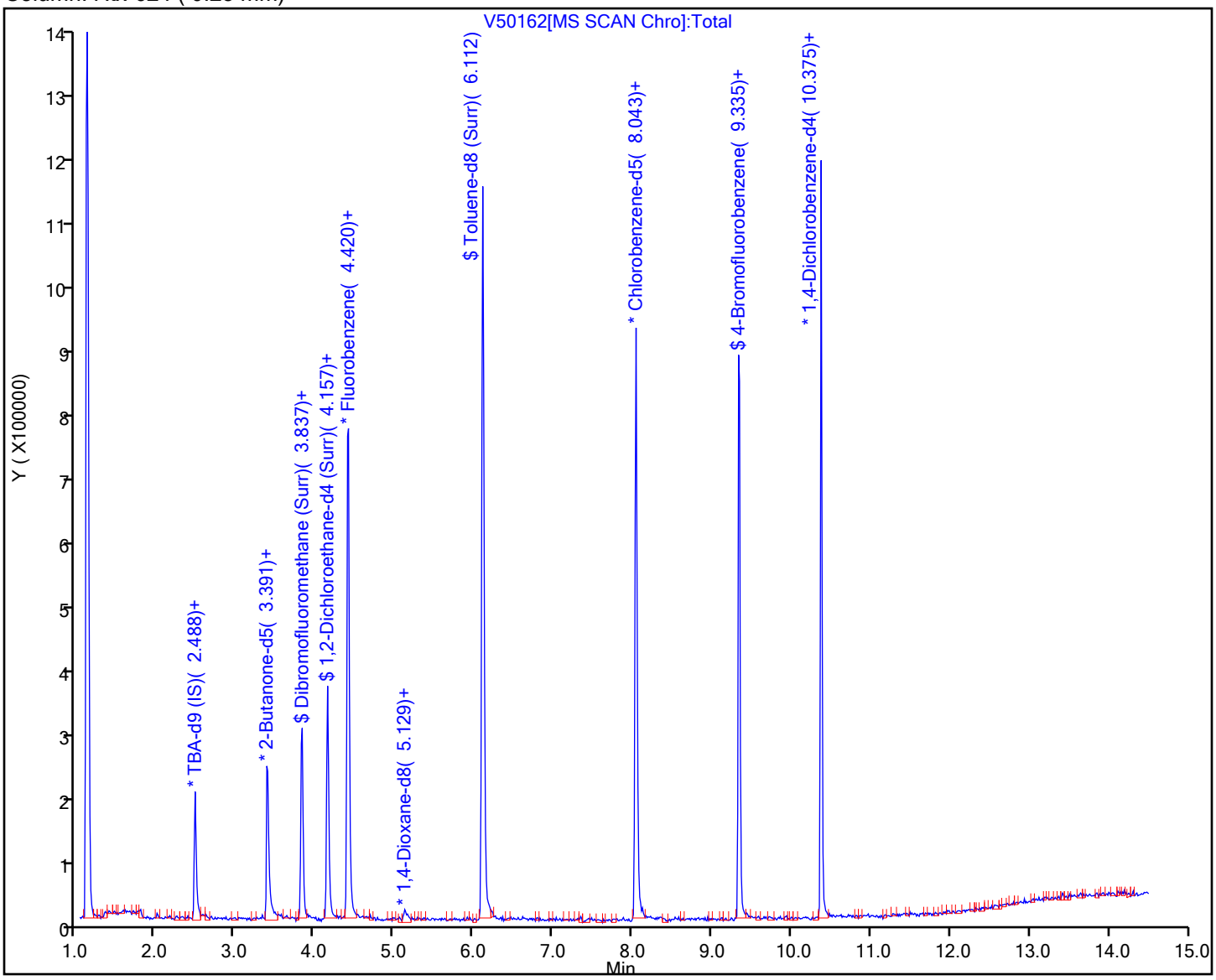
Client ID: FB0131

Operator ID: ALS Bottle#: 67 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50162.D
Lims ID: 460-297374-A-13
Client ID: FB0131
Sample Type: Client
Inject. Date: 06-Feb-2024 13:06:30 ALS Bottle#: 67 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-13
Misc. Info.: 460-0172003-017
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 14:33:39 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: K0HS Date: 06-Feb-2024 14:34:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.8	95.65
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.3	102.63
$ 82 Toluene-d8 (Surr)	50.0	49.0	98.10
$ 105 4-Bromofluorobenzene	50.0	47.9	95.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-297374-14

Matrix: Water | Lab File ID: V50163.D

Analysis Method: 8260D | Date Collected: 01/31/2024 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 13:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.3		1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-297374-14

Matrix: Water Lab File ID: V50163.D

Analysis Method: 8260D Date Collected: 01/31/2024 14:30

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 13:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50163.D				
Lims ID:	460-297374-A-14				
Client ID:	Trip Blank				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 13:28:30	ALS Bottle#:	68	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-14				
Misc. Info.:	460-0172003-018				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 21:15:06	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				
First Level Reviewer: W9CM		Date:	06-Feb-2024 21:15:06		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	29525	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	95	8649	1.28	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	360706	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	188616	49.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	251983	53.1	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	711066	50.0	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	90	21900	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	879171	51.8	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	504457	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	219178	50.2	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	216890	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Feb-2024 21:15:06 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50163.D

Injection Date: 06-Feb-2024 13:28:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-14 Lab Sample ID: 460-297374-14

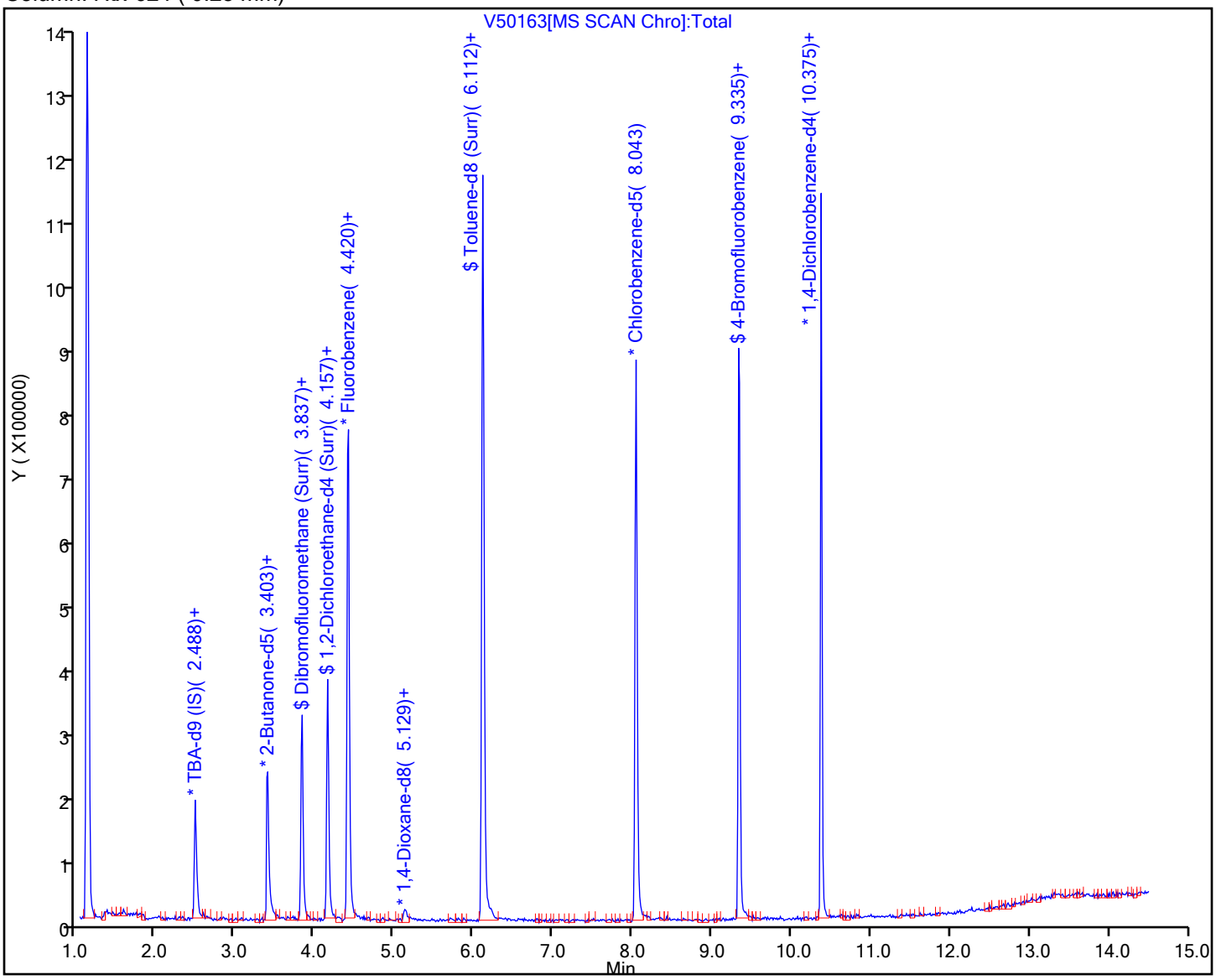
Client ID: Trip Blank

Operator ID: ALS Bottle#: 68 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50163.D				
Lims ID:	460-297374-A-14				
Client ID:	Trip Blank				
Sample Type:	Client				
Inject. Date:	06-Feb-2024 13:28:30	ALS Bottle#:	68	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-14				
Misc. Info.:	460-0172003-018				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 21:15:06	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

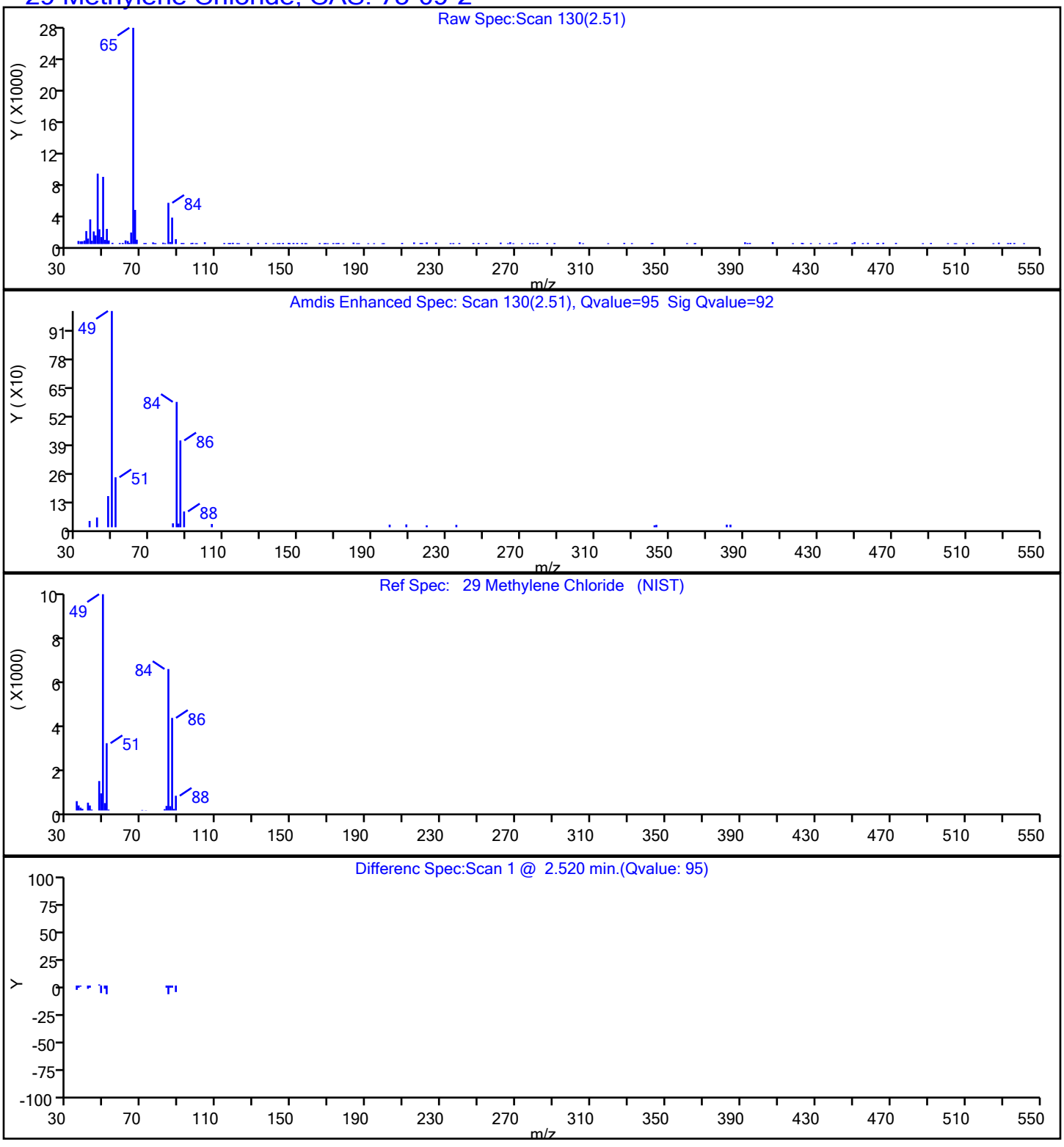
First Level Reviewer: W9CM Date: 06-Feb-2024 21:15:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	49.6	99.22
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.1	106.28
$ 82 Toluene-d8 (Surr)	50.0	51.8	103.66
$ 105 4-Bromofluorobenzene	50.0	50.2	100.32

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50163.D		
Injection Date:	06-Feb-2024 13:28:30	Instrument ID:	CVOAMS7
Lims ID:	460-297374-A-14	Lab Sample ID:	460-297374-14
Client ID:	Trip Blank		
Operator ID:		ALS Bottle#:	68 Worklist Smp#: 18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad

29 Methylene Chloride, CAS: 75-09-2



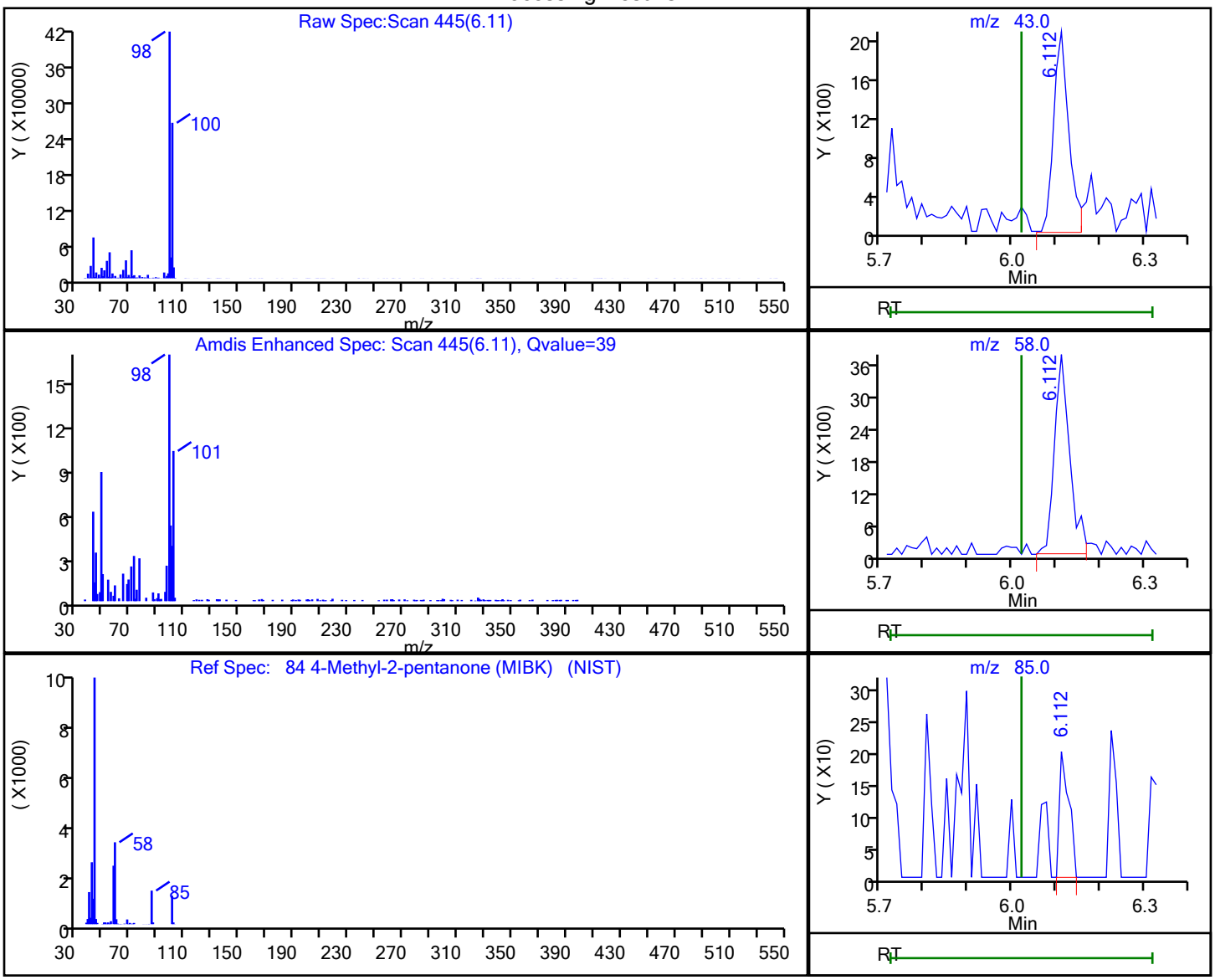
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50163.D				
Injection Date:	06-Feb-2024 13:28:30	Instrument ID:	CVOAMS7		
Lims ID:	460-297374-A-14	Lab Sample ID:	460-297374-14		
Client ID:	Trip Blank				
Operator ID:		ALS Bottle#:	68	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	4901	0.746611
6.11	58.00	9299	
6.11	85.00	299	
6.11	100.00	563856	

Reviewer: W9CM, 06-Feb-2024 21:15:03 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-953474/3	V49183.D
Level 2	STD05 460-953474/4	V49184.D
Level 3	STD1 460-953474/16	V49196.D
Level 4	STD5 460-953474/6	V49186.D
Level 5	STD20 460-953474/7	V49187.D
Level 6	STD50 460-953474/8	V49188.D
Level 7	STD200 460-953474/9	V49189.D
Level 8	STD500 460-953474/10	V49190.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0979	+++++ 0.0942	0.0994 0.0965	0.0922	0.0849	Ave		0.0942				5.5		20.0			
Dichlorodifluoromethane	+++++ 0.5343	0.5625 0.6004	0.5269 0.5689	0.5176	0.4826	Ave		0.5419			0.1000	7.1		20.0			
Chlorodifluoromethane	+++++ 0.0818	0.0999 0.0864	0.0950 0.0831	0.0937	0.0882	Ave		0.0897				7.4		20.0			
Chloromethane	+++++ 0.6033	0.5998 0.6580	0.6586 0.6535	0.6384	0.6149	Ave		0.6324			0.1000	4.1		20.0			
Vinyl chloride	+++++ 0.6191	0.6718 0.6717	0.6625 0.6519	0.6703	0.6486	Ave		0.6565			0.1000	2.9		20.0			
Butadiene	0.5339 0.6584	0.5880 0.6462	0.6021 0.6612	0.6211	0.6284	Ave		0.6174				6.9		20.0			
Bromomethane	+++++ 0.2818	0.3093 0.3384	0.3030 0.3701	0.2636	0.2687	Ave		0.3050			0.1000	12.7		20.0			
Chloroethane	+++++ 0.3978	0.3752 0.4026	0.4529 0.4044	0.3941	0.4035	Ave		0.4043			0.1000	5.8		20.0			
Dichlorofluoromethane	+++++ 0.9642	0.9651 0.9706	1.0713 0.9789	1.0485	1.0332	Ave		1.0046				4.5		20.0			
Trichlorofluoromethane	+++++ 0.6730	0.6076 0.6664	0.5993 0.6529	0.6895	0.6741	Ave		0.6518			0.1000	5.3		20.0			
Pentane	+++++ 0.0867	0.0733 0.0609	0.0877 0.0636	0.0912	0.0887	Ave		0.0789				16.2		20.0			
Ethanol	+++++ 0.6348	+++++ 0.5312	+++++ 0.5149	0.6583	0.6186	Ave		0.5916				10.9		20.0			
Ethyl ether	+++++ 0.2655	0.4379 0.2512	0.3984 0.2549	0.3117	0.2917	Lin2	0.0921	0.2728							0.9920		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.4879	0.4623 0.4190	0.5367 0.4316	0.5312	0.4906	Ave		0.4799				9.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3384	0.3985 0.3395	0.4541 0.3768	0.3674	0.3605	Ave		0.3764				10.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.6094	0.5888 0.6253	0.6039 0.6440	0.6172	0.5741	Ave		0.6090				3.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4203	0.4007 0.3619	0.4458 0.3553	0.4348	0.4092	Ave		0.4040			0.1000	8.5		20.0			
Acrolein	+++++ 0.0391	0.0516 0.0432	0.0266 0.0472	0.0306	0.0399	QuaF		0.0380	0.0000232						1.0000		0.9900
1,1-Dichloroethene	+++++ 0.4094	0.4775 0.3302	0.4212 0.3311	0.4194	0.4134	Ave		0.4003			0.1000	13.2		20.0			
Acetone	+++++ 1.2256	0.7559 1.1107	1.5565 +++++	1.5082	1.4079	QuaF		1.3002	-0.000190		0.0500				1.0000		0.9900
Iodomethane	+++++ 0.4206	0.2208 0.4190	0.1626 0.3733	0.2992	0.3552	QuaF		0.4442	-0.000141						1.0000		0.9900
Isopropyl alcohol	+++++ 7.6034	+++++ 6.9389	10.220 6.3428	8.2408	7.2769	Ave		7.7705				17.5		20.0			
Carbon disulfide	+++++ 1.4238	1.7023 +++++	1.7238 +++++	1.4964	1.4428	Ave		1.5578			0.1000	9.3		20.0			
3-Chloro-1-propene	+++++ 0.3146	0.3328 0.2760	0.3540 0.2669	0.3166	0.3232	Ave		0.3120				9.9		20.0			
Methyl acetate	+++++ 0.3208	0.2231 0.3188	0.4176 0.3276	0.3560	0.3288	Ave		0.3275			0.1000	17.6		20.0			
Cyclopentene	+++++ 1.0954	0.9710 0.8909	0.9425 0.8867	1.1247	1.0887	Ave		1.0000				10.1		20.0			
Acetonitrile	+++++ 0.5616	0.5617 0.5401	0.3321 0.5998	0.3883	0.5282	Ave		0.5017				20.0		20.0			
Methylene Chloride	+++++ 0.4439	0.5991 0.4158	0.5145 0.4114	0.4868	0.4559	Ave		0.4754			0.1000	13.8		20.0			
2-Methyl-2-propanol	14.222 12.869	17.584 +++++	20.432 +++++	15.465	12.770	Ave		15.557				19.2		20.0			
Methyl tert-butyl ether	+++++ 1.3200	1.2069 1.3316	1.4574 1.3457	1.4230	1.3868	Ave		1.3531			0.1000	6.0		20.0			
trans-1,2-Dichloroethene	+++++ 0.4517	0.3903 0.3931	0.5526 0.3926	0.4660	0.4582	Ave		0.4435			0.1000	13.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1088 0.1654	0.0969 0.1707	0.1565 0.1760	0.1719	0.1678	QuaF		0.1668	0.0000018						1.0000		0.9900
Hexane	+++++ 0.7181	0.6617 0.4599	0.5668 0.4576	0.7206	0.6796	Ave		0.6092				18.8		20.0			
Isopropyl ether	+++++ 1.6750	1.5201 1.6919	1.6858 1.7070	1.7157	1.6992	Ave		1.6707				4.1		20.0			
1,1-Dichloroethane	+++++ 0.9413	0.8715 0.8890	0.9252 0.9153	0.9560	0.9333	Ave		0.9188			0.2000	3.2		20.0			
Vinyl acetate	+++++ 12.332	8.0555 11.561	7.5655 10.703	9.9032	10.719	Ave		10.120				17.4		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4438	0.3835 0.4077	0.4094 0.4072	0.4471	0.4378	Ave		0.4195				5.7		20.0			
Tert-butyl ethyl ether	+++++ 1.5239	1.4759 1.5367	1.5495 1.5348	1.5752	1.5495	Ave		1.5351				2.0		20.0			
2,2-Dichloropropane	+++++ 0.1614	0.3196 0.1537	0.2120 0.1530	0.1894	0.1661	Lin2	0.0762	0.1579							0.9930		0.9900
cis-1,2-Dichloroethene	+++++ 0.4980	0.4940 0.4660	0.5351 0.4817	0.5257	0.5008	Ave		0.5002			0.1000	4.8		20.0			
Ethyl acetate	+++++ 0.4763	+++++ 0.4563	0.2063 0.4761	0.4721	0.5070	Lin2	-0.553	0.4912							0.9970		0.9900
Methyl Ethyl Ketone	+++++ 0.5143	0.4903 0.4630	0.5536 0.5641	0.5985	0.5211	Ave		0.5293			0.0500	8.7		20.0			
Methyl acrylate	+++++ 0.3828	0.2517 0.3864	0.2807 0.3713	0.3060	0.3650	Ave		0.3349				16.3		20.0			
Propionitrile	+++++ 0.0605	0.0509 0.0618	0.0505 0.0600	0.0543	0.0612	Ave		0.0570				8.7		20.0			
Chlorobromomethane	+++++ 0.2200	0.2595 0.2057	0.2815 0.2018	0.2333	0.2230	Ave		0.2321				12.5		20.0			
Tetrahydrofuran	+++++ 0.0576	0.0580 0.0533	0.0772 0.0543	0.0617	0.0580	Ave		0.0600				13.5		20.0			
Methacrylonitrile	+++++ 0.1931	0.1503 0.2057	0.1821 0.1993	0.1901	0.1943	Ave		0.1879				9.6		20.0			
Chloroform	+++++ 0.8060	0.9463 0.7852	0.8622 0.8083	0.8718	0.8174	Ave		0.8425			0.2000	6.6		20.0			
Cyclohexane	+++++ 0.7637	0.5952 0.5836	0.6436 0.5897	0.7577	0.7206	Ave		0.6649			0.1000	12.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.7263	0.7237 0.6841	0.8129 0.6955	0.7550	0.7362	Ave		0.7334			0.1000	5.8		20.0			
Carbon tetrachloride	+++++ 0.6264	0.6549 0.5715	0.6210 0.5750	0.6546	0.6336	Ave		0.6196			0.1000	5.5		20.0			
1,1-Dichloropropene	+++++ 0.7010	0.6270 0.6241	0.6973 0.6329	0.7065	0.7167	Ave		0.6722				6.2		20.0			
Isobutyl alcohol	+++++ 10.580	+++++ 9.4180	4.9788 8.6779	10.798	9.6143	QuaF		10.015	-0.000107						1.0000		0.9900
Isooctane	+++++ 1.4133	1.1931 1.1712	1.1781 1.1883	1.4177	1.3240	Ave		1.2694				8.9		20.0			
Benzene	+++++ 2.8871	2.6539 2.6006	2.7413 2.7728	2.8059	2.8003	Ave		2.7517			0.5000	3.5		20.0			
Isopropyl acetate	+++++ 0.4164	0.4030 0.4181	0.4600 0.4181	0.4135	0.4214	Ave		0.4215				4.3		20.0			
Tert-amyl methyl ether	+++++ 1.4147	1.3734 1.4193	1.5654 1.4766	1.5676	1.4294	Ave		1.4638				5.2		20.0			
1,2-Dichloroethane	+++++ 0.6438	0.7057 0.6173	0.8184 0.6323	0.6943	0.6582	Ave		0.6814			0.1000	10.0		20.0			
n-Heptane	+++++ 0.3092	0.2431 0.2129	0.2290 0.2147	0.2963	0.2938	Ave		0.2570				16.1		20.0			
n-Butanol	+++++ 2.7816	+++++ 2.9969	+++++ 2.8382	+++++	2.2019	Lin2 F		2.7047							0.9800	*	0.9900
Trichloroethene	+++++ 0.4839	0.4890 0.4406	0.4565 0.4450	0.4856	0.4749	Ave		0.4679			0.2000	4.3		20.0			
Methylcyclohexane	+++++ 0.8137	0.6560 0.6365	0.6512 0.6342	0.7659	0.7660	Ave		0.7033			0.1000	10.7		20.0			
Ethyl acrylate	+++++ 0.0689	+++++ 0.0632	0.0711 0.0607	0.0727	0.0639	Ave		0.0668				7.3		20.0			
1,2-Dichloropropane	+++++ 0.5079	0.4755 0.4933	0.5451 0.4961	0.5113	0.5194	Ave		0.5069			0.1000	4.4		20.0			
Methyl methacrylate	+++++ 0.1250	0.0981 0.1201	0.0972 0.1156	0.1274	0.1202	Ave		0.1148				10.7		20.0			
1,4-Dioxane	+++++ 2.0074	1.5511 3.0682	4.3495 3.9803	2.7188	2.0729	QuaF		2.3683	0.0001615						1.0000		0.9900
Dibromomethane	+++++ 0.2730	0.3853 0.2621	0.3299 0.2598	0.2921	0.2696	Ave		0.2960				15.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.6766	0.4616 0.6853	0.5371 0.6618	0.5949	0.6797	Ave		0.6139				14.1		20.0			
Bromodichloromethane	+++++ 0.6218	0.6253 0.6132	0.7145 0.6130	0.6176	0.6374	Ave		0.6347			0.2000	5.7		20.0			
2-Nitropropane	+++++ 0.1581	0.2339 0.1556	0.2792 0.1451	0.1743	0.1602	QuaF		0.1622	-0.000017						1.0000		0.9900
2-Chloroethyl vinyl ether	+++++ 0.2590	0.1652 0.2607	0.2814 0.2617	0.2553	0.2516	Ave		0.2478				15.2		20.0			
Epichlorohydrin	0.3558 0.4972	0.2872 0.4229	0.4810 0.4296	0.4790	0.4808	Ave		0.4292				17.2		20.0			
cis-1,3-Dichloropropene	+++++ 1.1996	0.9811 1.1306	1.1923 1.1573	1.2155	1.1921	Ave		1.1526			0.2000	7.0		20.0			
methyl isobutyl ketone	+++++ 4.7454	3.9025 4.2418	4.5846 4.3207	5.2720	4.7804	Ave		4.5496			0.0500	9.7		20.0			
Toluene	+++++ 2.9236	3.2991 2.7053	3.0289 2.8351	3.0677	2.9118	Ave		2.9674			0.4000	6.4		20.0			
trans-1,3-Dichloropropene	+++++ 1.0990	0.9408 1.0405	1.0745 1.0507	1.0791	1.0761	Ave		1.0515			0.1000	5.0		20.0			
Ethyl methacrylate	+++++ 0.8517	0.6161 0.8155	0.6130 0.8109	0.8639	0.8865	Ave		0.7797				14.9		20.0			
1,1,2-Trichloroethane	+++++ 0.4998	0.4380 0.4758	0.4205 0.4747	0.4972	0.4890	Ave		0.4707			0.1000	6.4		20.0			
Tetrachloroethene	+++++ 0.6584	0.5455 0.5773	0.6727 0.5953	0.6463	0.6417	Ave		0.6196			0.2000	7.6		20.0			
1,3-Dichloropropane	+++++ 1.0559	0.8539 0.9963	1.0229 0.9956	1.0750	1.0344	Ave		1.0049				7.2		20.0			
2-Hexanone	+++++ 3.1181	1.6771 2.7864	2.6986 3.0286	3.0795	3.2246	Ave		2.8018			0.0500	18.9		20.0			
n-Butyl acetate	+++++ 1.0529	0.4564 1.0128	1.1505 0.9675	0.7901	1.0681	QuaF		1.0457	-0.000157						1.0000		0.9900
Dibromochloromethane	+++++ 0.6266	0.6417 0.6042	0.5926 0.6060	0.6013	0.6276	Ave		0.6143			0.1000	2.9		20.0			
Ethylene Dibromide	+++++ 0.5805	0.4982 0.5372	0.5994 0.5329	0.5904	0.5697	Ave		0.5583			0.1000	6.6		20.0			
Chlorobenzene	+++++ 1.7405	1.6136 1.6508	1.6786 1.7109	1.7662	1.7271	Ave		1.6982			0.5000	3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.9697	0.9316 0.9126	0.9906 0.9459	0.9367	0.9751	Ave		0.9517			0.1000	2.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.6124	0.6003 0.5928	0.5671 0.6043	0.5997	0.6119	Ave		0.5984				2.6		20.0			
m-Xylene & p-Xylene	+++++ 1.1958	1.3364 1.1184	1.2567 1.1588	1.1849	1.2012	Ave		1.2075			0.1000	5.9		20.0			
o-Xylene	+++++ 1.1823	1.0970 1.1048	1.1692 1.1447	1.1662	1.1642	Ave		1.1469			0.3000	2.9		20.0			
n-Butyl acrylate	+++++ 0.5228	0.5022 0.5182	0.5309 0.5200	0.4954	0.5112	Ave		0.5144				2.4		20.0			
Styrene	+++++ 1.9022	1.5532 1.8672	1.8222 1.9592	1.9263	1.8485	Ave		1.8398			0.3000	7.3		20.0			
Bromoform	+++++ 0.3968	0.4100 0.3899	0.3794 0.4015	0.4065	0.3915	Ave		0.3965			0.1000	2.7		20.0			
Amyl acetate (mixed isomers)	+++++ 2.5801	1.7958 2.5236	1.9531 2.5440	2.4258	2.6098	Ave		2.3475				14.1		20.0			
Isopropylbenzene	+++++ 3.0267	2.5553 2.9013	2.8574 2.6030	2.9655	3.0120	Ave		2.8459			0.1000	6.7		20.0			
Bromobenzene	+++++ 1.4383	1.2233 1.3314	1.4184 1.3851	1.4213	1.4630	Ave		1.3830				5.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.5310	1.9667 1.5142	1.6142 1.5527	1.5958	1.5722	Ave		1.6210			0.3000	9.6		20.0			
N-Propylbenzene	+++++ 7.7511	6.5769 7.4651	7.1478 5.8009	7.6188	7.6098	Ave		7.1386				10.0		20.0			
1,2,3-Trichloropropane	+++++ 0.4261	0.5415 0.4032	0.5231 0.4034	0.5241	0.4402	Ave		0.4659				13.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4600	0.2952 0.4536	0.4482 0.4704	0.4284	0.4287	Ave		0.4264				14.0		20.0			
2-Chlorotoluene	+++++ 5.1061	3.6284 4.9925	4.8517 5.0157	5.0752	5.1402	Ave		4.8300				11.1		20.0			
4-Ethyltoluene	+++++ 6.1922	4.8578 6.0874	5.8990 5.4384	5.9102	6.0560	Ave		5.7773				8.2		20.0			
1,3,5-Trimethylbenzene	+++++ 5.0307	4.5287 4.9412	4.8030 4.8747	5.2558	5.1261	Ave		4.9372				4.8		20.0			
4-Chlorotoluene	+++++ 4.8053	3.6411 4.6483	4.7190 4.9966	5.1015	4.9371	Ave		4.6927				10.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.7264	1.5213 1.7760	1.4823 1.8676	1.6202	1.7143	Ave		1.6726				8.3		20.0			
tert-Butylbenzene	+++++ 4.3221	3.4791 4.1426	3.8819 4.4061	4.3202	4.2729	Ave		4.1178				8.0		20.0			
1,2,4-Trimethylbenzene	+++++ 5.0578	5.1638 5.0957	4.8767 4.7941	4.9289	5.0254	Ave		4.9918				2.6		20.0			
sec-Butylbenzene	+++++ 6.3108	5.0113 6.0644	5.5996 5.1761	6.0673	6.1740	Ave		5.7719				8.9		20.0			
4-Isopropyltoluene	+++++ 5.2580	4.3045 5.2802	4.5661 5.0033	4.9277	5.0808	Ave		4.9172				7.3		20.0			
1,3-Dichlorobenzene	+++++ 2.6734	2.2803 2.6232	2.6874 2.9411	2.7339	2.6692	Ave		2.6584			0.6000	7.4		20.0			
1,4-Dichlorobenzene	+++++ 2.6505	2.4889 2.6393	2.6722 2.9163	2.6886	2.6765	Ave		2.6761			0.5000	4.7		20.0			
1,2,3-Trimethylbenzene	+++++ 5.1225	4.2871 5.2844	5.2081 4.9973	5.1259	5.1750	Ave		5.0286				6.7		20.0			
Benzyl chloride	+++++ 3.1215	2.4178 3.0526	2.7944 3.1865	3.0152	3.0505	Ave		2.9484				8.9		20.0			
Indan	+++++ 4.9556	4.5852 4.8457	5.0358 4.8056	5.0393	5.0035	Ave		4.8958				3.4		20.0			
p-Diethylbenzene	+++++ 3.0105	2.8279 3.0345	2.9683 3.3078	2.8234	2.9346	Ave		2.9867				5.5		20.0			
n-Butylbenzene	+++++ 2.4659	1.8476 2.4747	2.2959 2.7690	2.3339	2.3775	Ave		2.3664				11.7		20.0			
1,2-Dichlorobenzene	+++++ 2.5073	2.1137 2.4227	2.6545 2.6309	2.5922	2.4969	Ave		2.4883			0.4000	7.4		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 4.5069	3.6411 4.3250	4.4656 4.0925	4.5307	4.5261	Ave		4.2983				7.7		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.2996	0.3974 0.2991	0.4263 0.2959	0.3093	0.3336	Ave		0.3373			0.0500	15.7		20.0			
1,3,5-Trichlorobenzene	+++++ 1.7007	1.3914 1.7095	1.6001 1.7553	1.6944	1.6724	Ave		1.6463				7.4		20.0			
1,2,4-Trichlorobenzene	+++++ 1.4886	1.3076 1.4920	1.4915 1.5854	1.5139	1.4549	Ave		1.4763			0.2000	5.7		20.0			
Hexachlorobutadiene	+++++ 0.6177	0.3946 0.5891	0.6154 0.5937	0.6053	0.6078	Ave		0.5748				13.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-297374-1 Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 Calibration End Date: 01/05/2024 09:04 Calibration ID: 95610

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 3.7212	3.7367 3.7109	4.7114 3.8185	4.0553	3.8835	Ave		3.9482				9.1		20.0			
1,2,3-Trichlorobenzene	+++++ 1.3647	1.2172 1.3910	1.4868 1.4355	1.3750	1.3971	Ave		1.3810				6.0		20.0			
Dibromofluoromethane (Surr)	0.2757 0.2711	0.2735 0.2547	0.2718 0.2658	0.2706	0.2554	Ave		0.2673				3.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3440 0.3316	0.3403 0.3283	0.3262 0.3499	0.3277	0.3195	Ave		0.3334				3.1		20.0			
Toluene-d8 (Surr)	1.6515 1.8079	1.6796 1.6231	1.6306 1.7129	1.7002	1.6442	Ave		1.6813				3.6		20.0			
4-Bromofluorobenzene	0.4355 0.4541	0.4403 0.4155	0.4239 0.4270	0.4332	0.4354	Ave		0.4331				2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-953474/3	V49183.D
Level 2	STD05 460-953474/4	V49184.D
Level 3	STD1 460-953474/16	V49196.D
Level 4	STD5 460-953474/6	V49186.D
Level 5	STD20 460-953474/7	V49187.D
Level 6	STD50 460-953474/8	V49188.D
Level 7	STD200 460-953474/9	V49189.D
Level 8	STD500 460-953474/10	V49190.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 71572	+++++ 298296	1355 789811	5981	23260	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 390541	3594 1900652	7184 4657752	33581	132187	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 59817	638 273396	1296 680666	6080	24164	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 440942	3832 2083075	8981 5350764	41422	168414	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 452483	4292 2126171	9033 5337731	43491	177640	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1700 481200	3757 2045453	8210 5413609	40298	172096	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 205970	1976 1071150	4131 3030095	17101	73600	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	FB	Ave	+++++ 290781	2397 1274335	6175 3310838	25569	110500	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 704764	6166 3072487	14608 8014468	68031	282978	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 491879	3882 2109418	8172 5345256	44736	184621	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 126740	937 385398	2392 1040716	11831	48578	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd9	Ave	+++++ 52505	+++++ 213872	+++++ 552773	4340	20094	+++++ 2000	+++++ 8000	+++++ 20000	200	800
Ethyl ether	FB	Lin2	+++++ 194068	2798 795085	5432 2087372	20221	79897	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 356626	2954 1326290	7318 3533373	34467	134355	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 247304	2546 1074838	6192 3084762	23836	98726	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 445394	3762 1979499	8235 5272912	40048	157228	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 307218	2560 1145584	6079 2909128	28211	112059	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	QuaF	+++++ 57179	1319 136723	1449 309416	7941	21851	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 299228	3051 1045241	5743 2710645	27210	113218	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	+++++ 421086	2291 1841914	9489 +++++	45139	187795	+++++ 250	2.50 1000	5.00 +++++	25.0	100
Iodomethane	FB	QuaF	+++++ 307380	1411 1326297	2217 3056100	19413	97282	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 157211	+++++ 698480	3566 1702313	13582	59096	+++++ 500	+++++ 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 1040663	10876 +++++	23505 +++++	97091	395154	+++++ 50.0	0.500 +++++	1.00 +++++	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 229921	2126 873703	4827 2185024	20543	88519	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 468907	2851 2018365	11388 5364463	46197	180128	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 800610	6204 2820199	12851 7260135	72970	298171	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 385882	3405 1791387	4049 4951639	23240	140920	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 324431	3828 1316314	7016 3367995	31586	124871	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd9	Ave	993 266078	3046 +++++	7129 +++++	25489	103707	2.00 500	5.00 +++++	10.0 +++++	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 964756	7711 4215224	19873 11018118	92324	379821	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 330124	2494 1244388	7535 3214620	30233	125498	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	QuaF	2772 1209092	6188 5403224	21343 14408886	111547	459639	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 524893	4228 1455955	7728 3746466	46756	186122	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 1224293	9712 5355784	22987 13976222	111314	465383	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 687976	5568 2814245	12615 7494293	62027	255602	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 1694867	9766 7669306	18449 17670598	118555	571909	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 324368	2450 1290649	5583 3333945	29009	119906	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1113791	9430 4864386	21128 12565997	102200	424388	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Lin2	+++++ 117937	2042 486481	2891 1252680	12288	45503	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 364009	3156 1475231	7296 3944250	34107	137147	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acetate	BUT	Lin2	+++++ 65455	+++++ 302719	503 786089	5652	27050	+++++ 100	+++++ 400	2.00 1000	10.0	40.0
Methyl Ethyl Ketone	BUT	Ave	+++++ 176693	1486 767773	3375 2328470	17912	69503	+++++ 250	2.50 1000	5.00 2500	25.0	100
Methyl acrylate	FB	Ave	+++++ 279803	1608 1223212	3828 3040424	19856	99976	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 442080	3254 1956804	6883 4909416	35233	167733	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 160798	1658 651264	3839 1651848	15140	61062	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	FB	Ave	+++++ 84211	741 337466	2106 888712	8009	31762	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 1411440	9603 6513066	24834 16316934	123368	532153	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 589122	6046 2485465	11757 6618318	56566	223883	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 558222	3803 1847552	8776 4827875	49158	197352	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 530874	4624 2165571	11085 5694235	48985	201640	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 457856	4184 1809078	8468 4708083	42474	173528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 512363	4006 1975615	9508 5181688	45838	196291	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	QuaF	+++++ 546884	+++++ 2370097	4343 5822519	44490	195194	+++++ 1250	+++++ 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 1032952	7623 3707446	16064 9729536	91983	362629	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 1447948	12118 5833495	26503 15756168	127029	535336	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	+++++ 304339	2575 1323622	6272 3423416	26831	115421	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 1034004	8775 4492823	21345 12089354	101707	391482	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 470587	4509 1954225	11160 5176871	45046	180259	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 225961	1553 674024	3123 1757480	19226	80464	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	Lin2F	+++++ 143786	+++++ 754192	+++++ 1904341	+++++	44704	+++++ 1250	+++++ 5000	+++++ 12500	+++++	500
Trichloroethene	FB	Ave	+++++ 353694	3124 1394754	6224 3643751	31508	130067	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 594755	4191 2014788	8879 5192196	49691	209804	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	+++++ 50357	+++++ 200011	970 496946	4720	17488	+++++ 50.0	+++++ 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 371236	3038 1561714	7433 4061442	33172	142250	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 182732	1253 760338	2651 1892583	16528	65848	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	QuaF	+++++ 56449	806 225782	5195 591744	5526	20697	+++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	+++++ 199507	2462 829623	4498 2127128	18950	73833	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 494563	2949 2169466	7323 5418562	38601	186159	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	+++++ 454453	3995 1941207	9743 5018572	40068	174561	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	+++++ 231099	2989 984904	7615 2376014	22614	87744	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 189728	1058 827111	3846 2147478	16604	69077	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	2234 683304	3482 2805677	11730 7093590	57341	256552	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 601635	4480 2536016	11527 6575992	55029	227891	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
methyl isobutyl ketone	BUT	Ave	+++++ 1630438	11828 7034569	27950 17833958	157784	637646	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZd5	Ave	+++++	15064	29284	138884	556646	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1466256	6068505	16110227			50.0	200	500		
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 551200	4296 2333977	10388 5970312	48853	205709	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 427144	2813 1829263	5927 4608062	39110	169473	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 250670	2000 1067352	4065 2697476	22508	93484	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZd5	Ave	+++++ 330208	2491 1295057	6504 3382516	29261	122665	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 529583	3899 2234814	9889 5657232	48669	197752	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 1071329	5083 4620974	16452 12500675	92164	430125	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZd5	QuaF	+++++ 528076	2084 2271978	11123 5497721	35771	204195	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZd5	Ave	+++++ 314279	2930 1355391	5729 3443741	27223	119970	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 291115	2275 1204925	5795 3028334	26729	108919	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZd5	Ave	+++++ 872899	7368 3703047	16229 9722059	79959	330161	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZd5	Ave	+++++ 486341	4254 2047057	9577 5374932	42405	186413	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 307119	2741 1329773	5483 3433617	27152	116974	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 599721	6102 2508760	12150 6584706	53645	229640	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZd5	Ave	+++++ 592951	5009 2478222	11304 6504847	52796	222558	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	+++++ 262173	2293 1162365	5133 2954640	22429	97728	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZd5	Ave	+++++ 954019	7092 4188504	17617 11132762	87207	353373	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZd5	Ave	+++++ 198996	1872 874691	3668 2281731	18401	74839	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 615877	3814 2713002	8741 6862969	51229	232975	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZd5	Ave	+++++ 1517992	11668 6507988	27626 14791587	134257	575809	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd4	Ave	+++++ 343328	2598 1431369	6348 3736711	30016	130596	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 365451	4177 1627858	7224 4188656	33702	140346	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd4	Ave	+++++ 1850245	13968 8025312	31989 15649270	160900	679313	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 101707	1150 433478	2341 1088273	11068	39299	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 109799	627 487679	2006 1268980	9047	38270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd4	Ave	+++++ 1218865	7706 5367179	21713 13530910	107183	458856	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd4	Ave	+++++ 1478114	10317 6544254	26400 14671210	124816	540610	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 1200857	9618 5312054	21495 13150513	110996	457596	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd4	Ave	+++++ 1147063	7733 4997121	21119 13479551	107737	440724	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd4	Ave	+++++ 412095	3231 1909246	6634 5038367	34217	153032	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd4	Ave	+++++ 1031711	7389 4453494	17373 11886390	91237	381431	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 1207338	10967 5478134	21825 12933133	104093	448604	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd4	Ave	+++++ 1506421	10643 6519512	25060 13963602	128135	551138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 1255125	9142 5676434	20435 13497462	104068	453549	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 638151	4843 2820113	12027 7934247	57737	238270	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 632702	5286 2837413	11959 7867478	56781	238924	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 1222784	9105 5680951	23308 13481374	108253	461963	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd4	Ave	+++++ 745117	5135 3281696	12506 8596313	63677	272309	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd4	Ave	+++++ 1182935	9738 5209407	22537 12964258	106425	446652	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd4	Ave	+++++ 718626	6006 3262237	13284 8923680	59626	261964	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd4	Ave	+++++ 588629	3924 2660384	10275 7470108	49290	212239	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 598503	4489 2604515	11880 7097588	54744	222897	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 1075833	7733 4649630	19985 11040488	95683	404033	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 71517	844 321532	1908 798193	6533	29782	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 405970	2955 1837758	7161 4735387	35783	149295	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 355343	2777 1604002	6675 4277069	31972	129872	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 147457	838 633294	2754 1601596	12783	54253	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd4	Ave	+++++ 888268	7936 3989413	21085 10301299	85644	346675	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 325759	2585 1495442	6654 3872632	29039	124716	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	175598 198140	174723 201595	185335 217652	175596	174858	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	219066 242395	217414 259792	222368 286480	212613	218773	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	776393 906696	766919 910220	788228 973358	769730	785825	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	204719 227734	201047 232980	204908 242661	196108	208066	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Lin2F = Linear 1/conc^2 ISTD forced zero
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-297374-1 | Analy Batch No.: 953474

SDG No.:

Instrument ID: CVOAMS7 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/04/2024 23:54 | Calibration End Date: 01/05/2024 09:04 | Calibration ID: 95610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-953474/3	V49183.D
Level 2	STD05 460-953474/4	V49184.D
Level 3	STD1 460-953474/16	V49196.D
Level 4	STD5 460-953474/6	V49186.D
Level 5	STD20 460-953474/7	V49187.D
Level 6	STD50 460-953474/8	V49188.D
Level 7	STD200 460-953474/9	V49189.D
Level 8	STD500 460-953474/10	V49190.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 # LVL 8 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2 LVL 8	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	+++++	-7.0						30				
2,2-Dichloropropane	+++++	5.9						30				
Ethyl acetate	+++++	+++++	-1.7						30			
n-Butanol	+++++	+++++	+++++	+++++	-18.6						30	

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 04-Jan-2024 23:54:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0170980-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:23:59 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: HVW2 Date: 05-Jan-2024 00:16:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.460	1.460	0.000	70	1700	0.2500	0.2162	
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	34910	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	25	993	2.00	1.83	M
35 Acrylonitrile	53	2.763	2.706	0.057	60	2772	2.00	1.30	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	100	313905	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	175598	50.0	51.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	219066	50.0	51.6	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	636877	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	93	19650	1000.0	1000.0	
80 Epichlorohydrin	57	5.849	5.803	0.046	64	2234	5.00	4.15	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	776393	50.0	49.1	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	470104	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	204719	50.0	50.3	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	99	216678	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

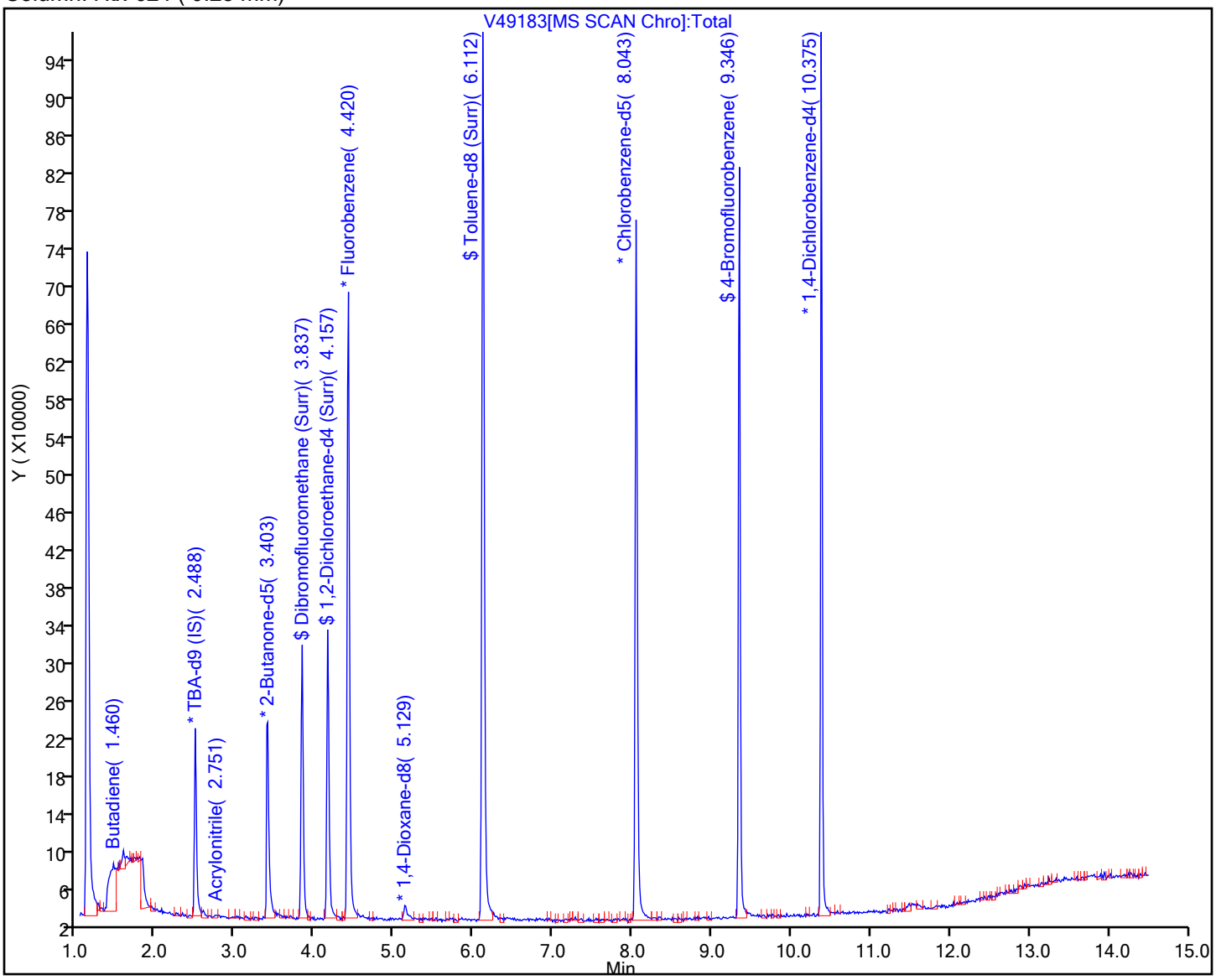
Reagents:

8260MIX1COMB_00181	Amount Added:	0.00	Units: uL	
ACROLEIN W_00164	Amount Added:	0.00	Units: uL	
524FREONS_00012	Amount Added:	0.00	Units: uL	
GASES Li_00565	Amount Added:	2.50	Units: uL	
14DIOXINTER_00164	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00120	Amount Added:	20.00	Units: uL	
Ethanol mix_00084	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00143	Amount Added:	0.00	Units: uL	
MIX I Hi_00171	Amount Added:	0.00	Units: uL	
VMTBA500_00044	Amount Added:	2.00	Units: uL	
GAS Hi_00459	Amount Added:	0.00	Units: uL	
7 Freons Hi_00009	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:01 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

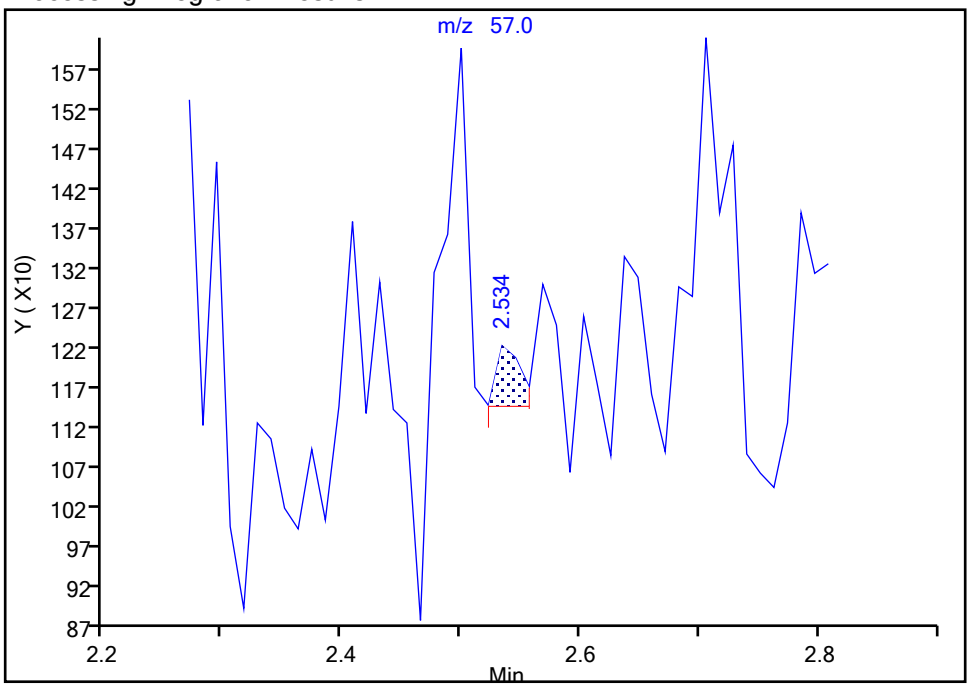
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 2

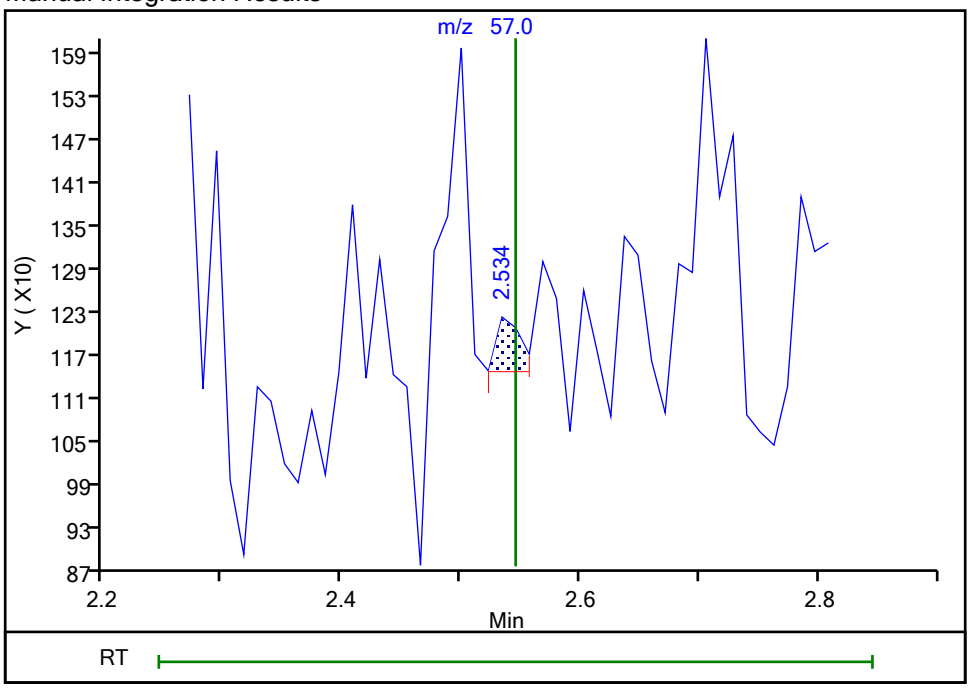
Processing Integration Results

RT: 2.53
Area: 108
Amount: 1.778220
Amount Units: ug/l



Manual Integration Results

RT: 2.53
Area: 108
Amount: 1.828419
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 07:41:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

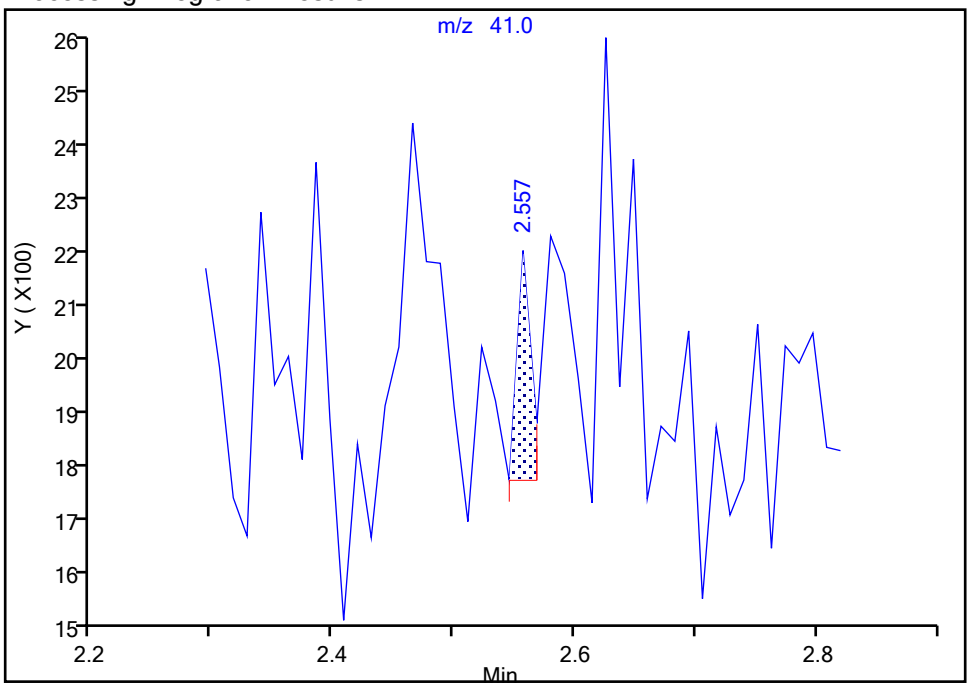
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 3

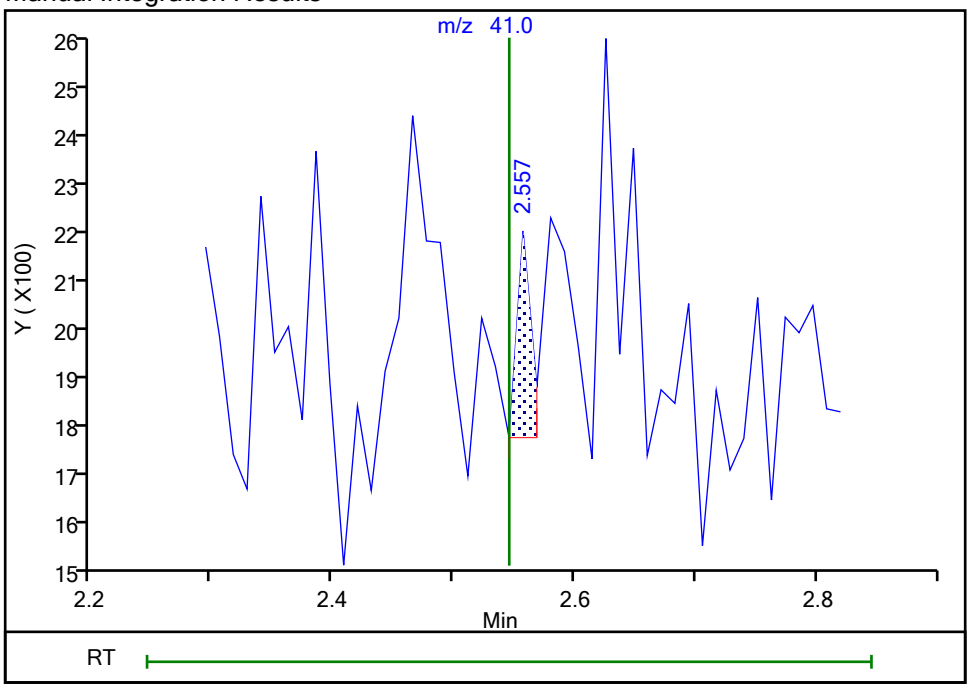
Processing Integration Results

RT: 2.56
Area: 354
Amount: 1.778220
Amount Units: ug/l



Manual Integration Results

RT: 2.56
Area: 354
Amount: 1.828419
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 07:41:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

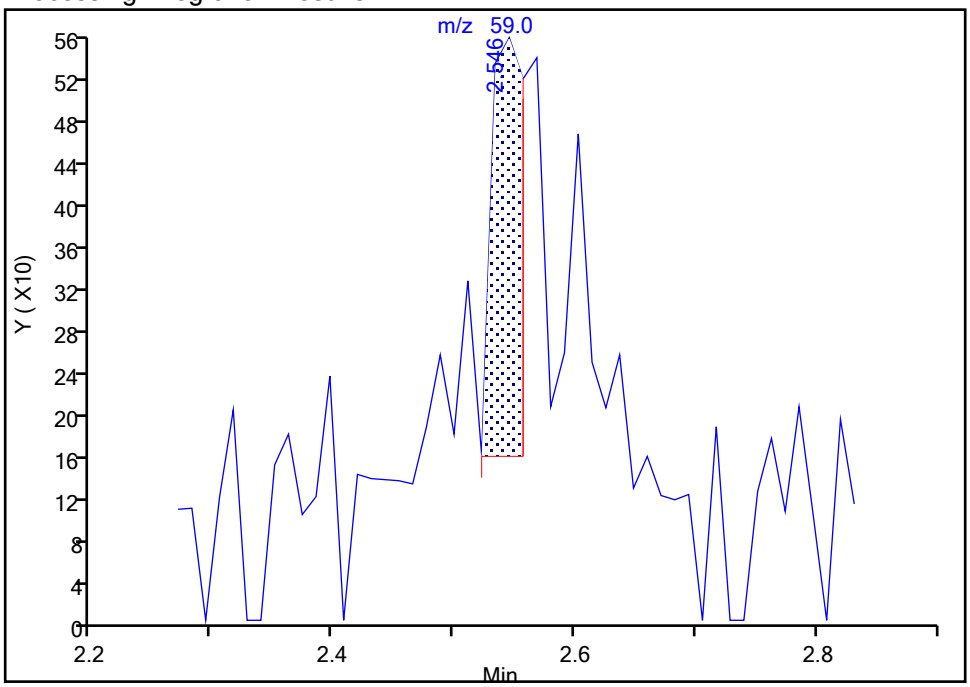
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

31 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

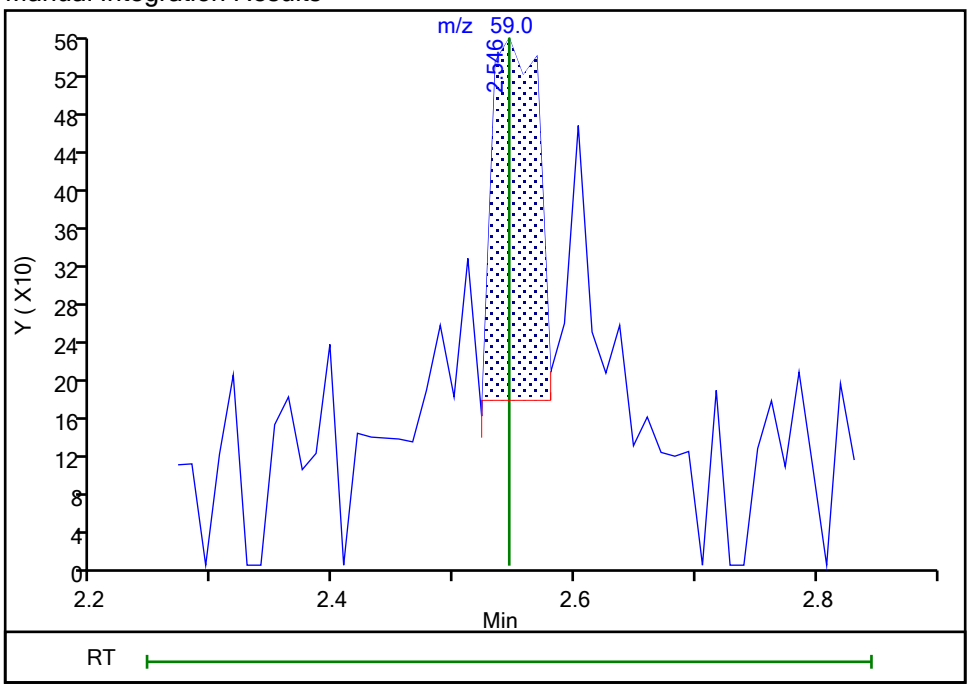
Processing Integration Results

RT: 2.55
Area: 770
Amount: 1.778220
Amount Units: ug/l



Manual Integration Results

RT: 2.55
Area: 993
Amount: 1.828419
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 07:44:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

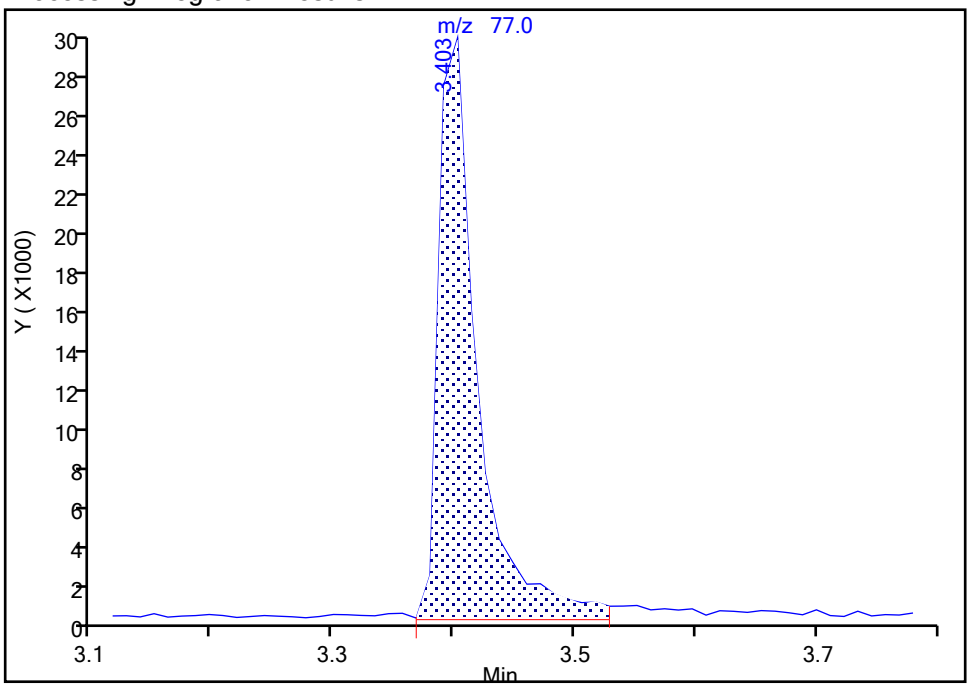
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 2

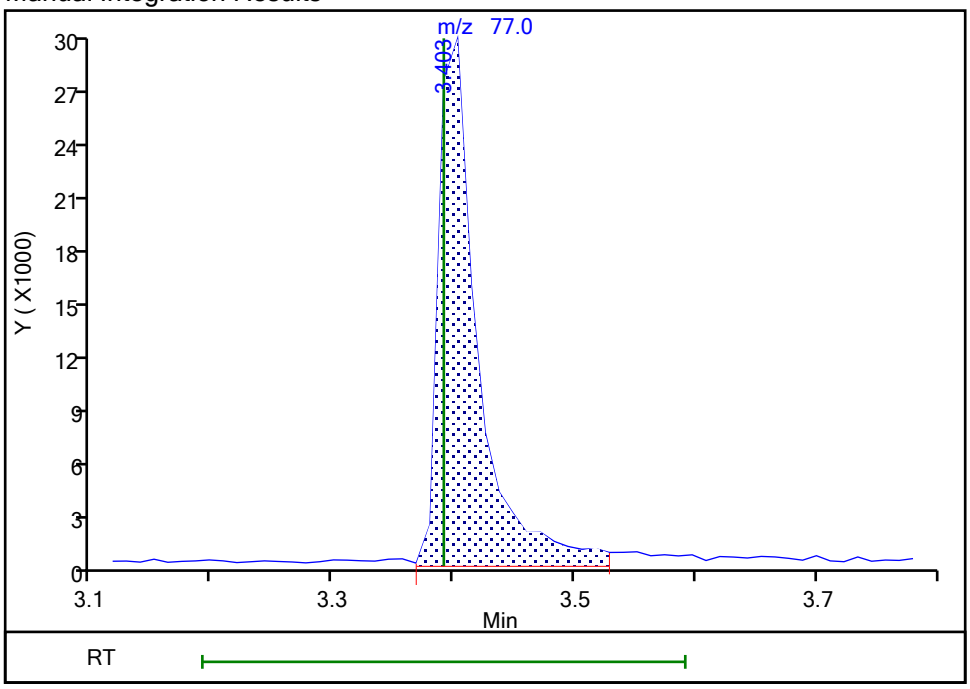
Processing Integration Results

RT: 3.40
Area: 67167
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 67167
Amount: 250.0000
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 07:41:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

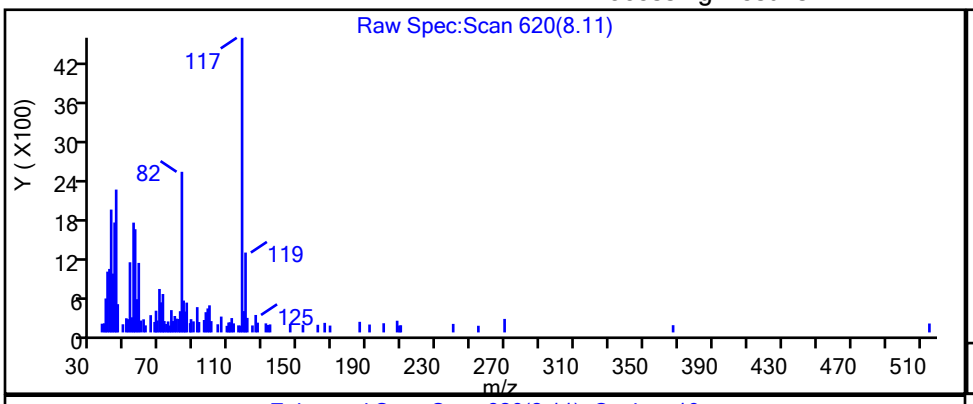
User Disabled Compound Report

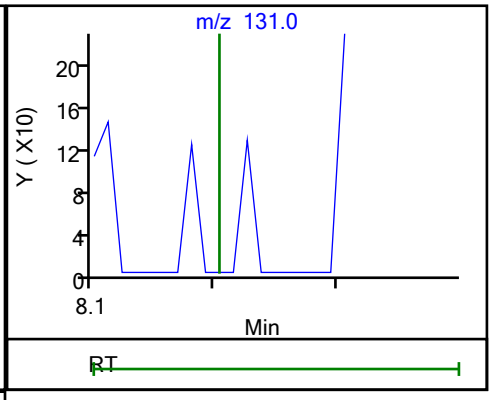
Eurofins Edison

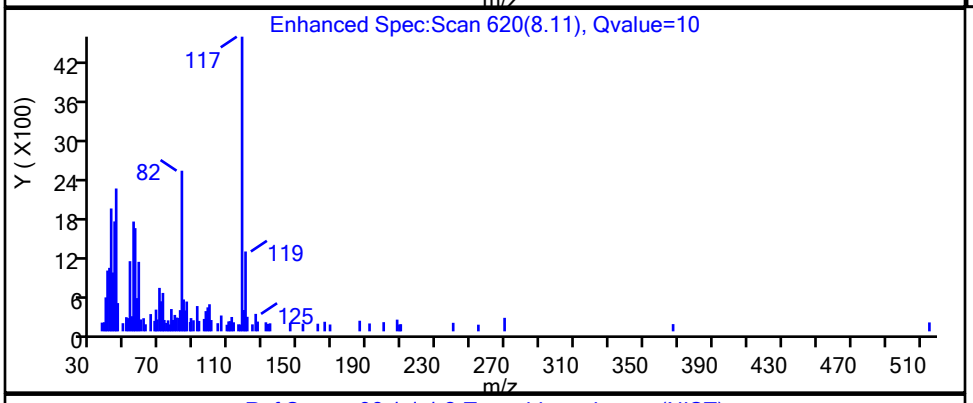
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

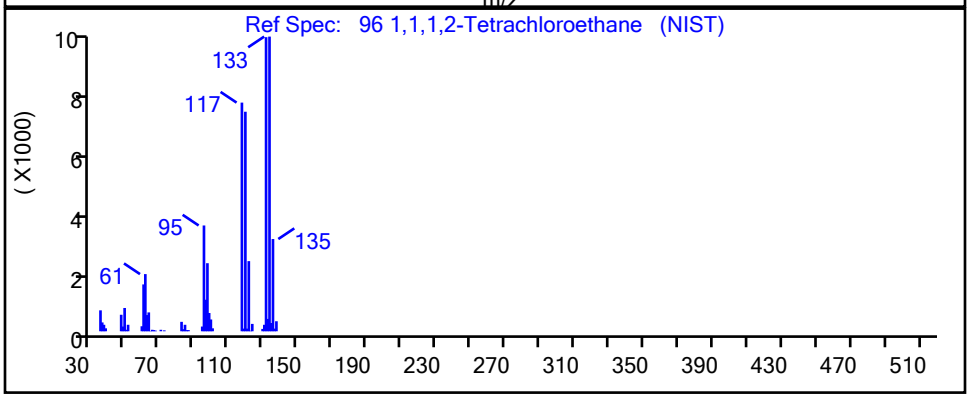
96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results









RT	Mass	Response	Amount
8.11	131.00	170	0.030955

Reviewer: K0HS, 05-Jan-2024 07:43:00 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

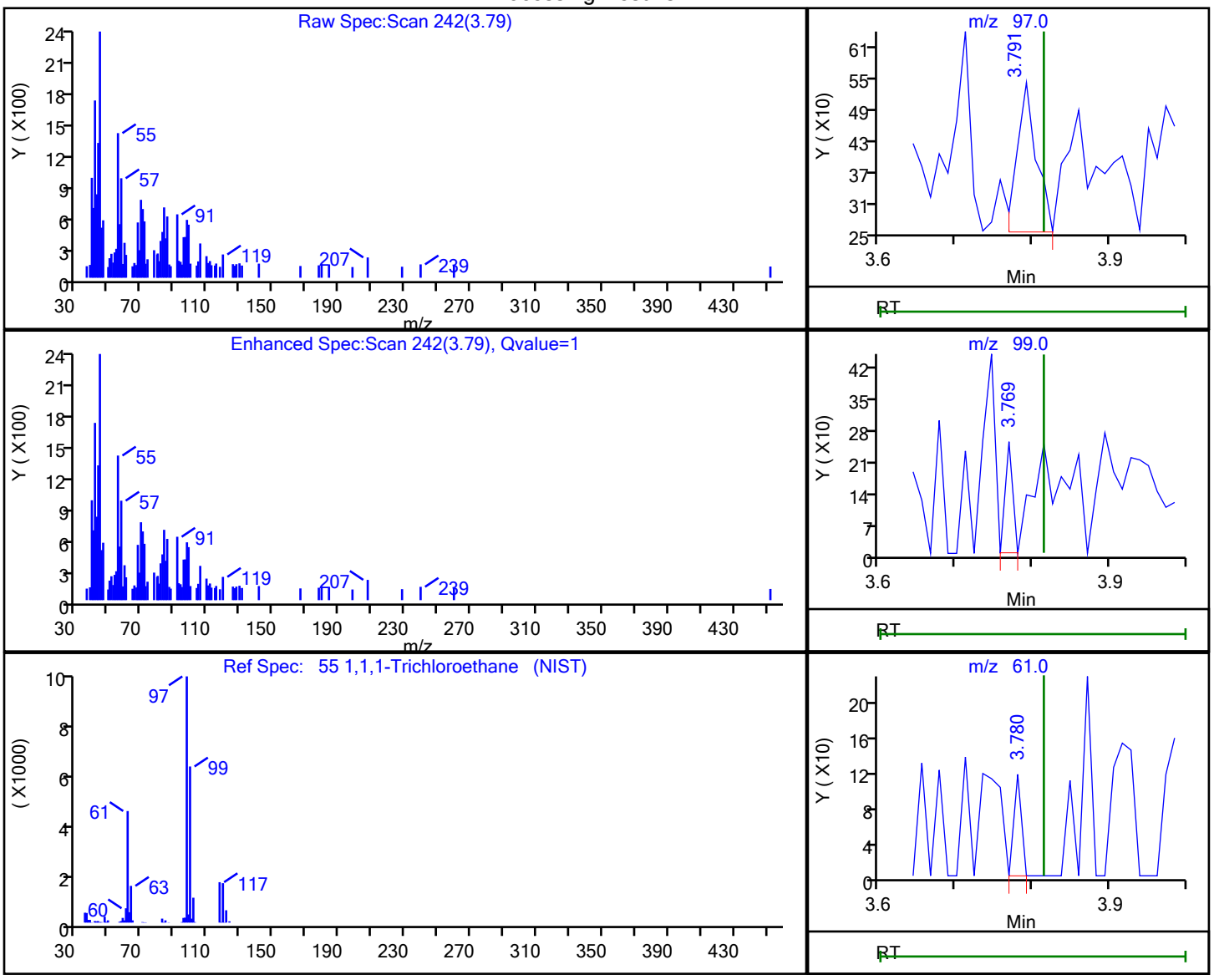
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

55 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results



RT	Mass	Response	Amount
3.79	97.00	494	0.053444
3.77	99.00	173	
3.78	61.00	80	

Reviewer: K0HS, 05-Jan-2024 07:41:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

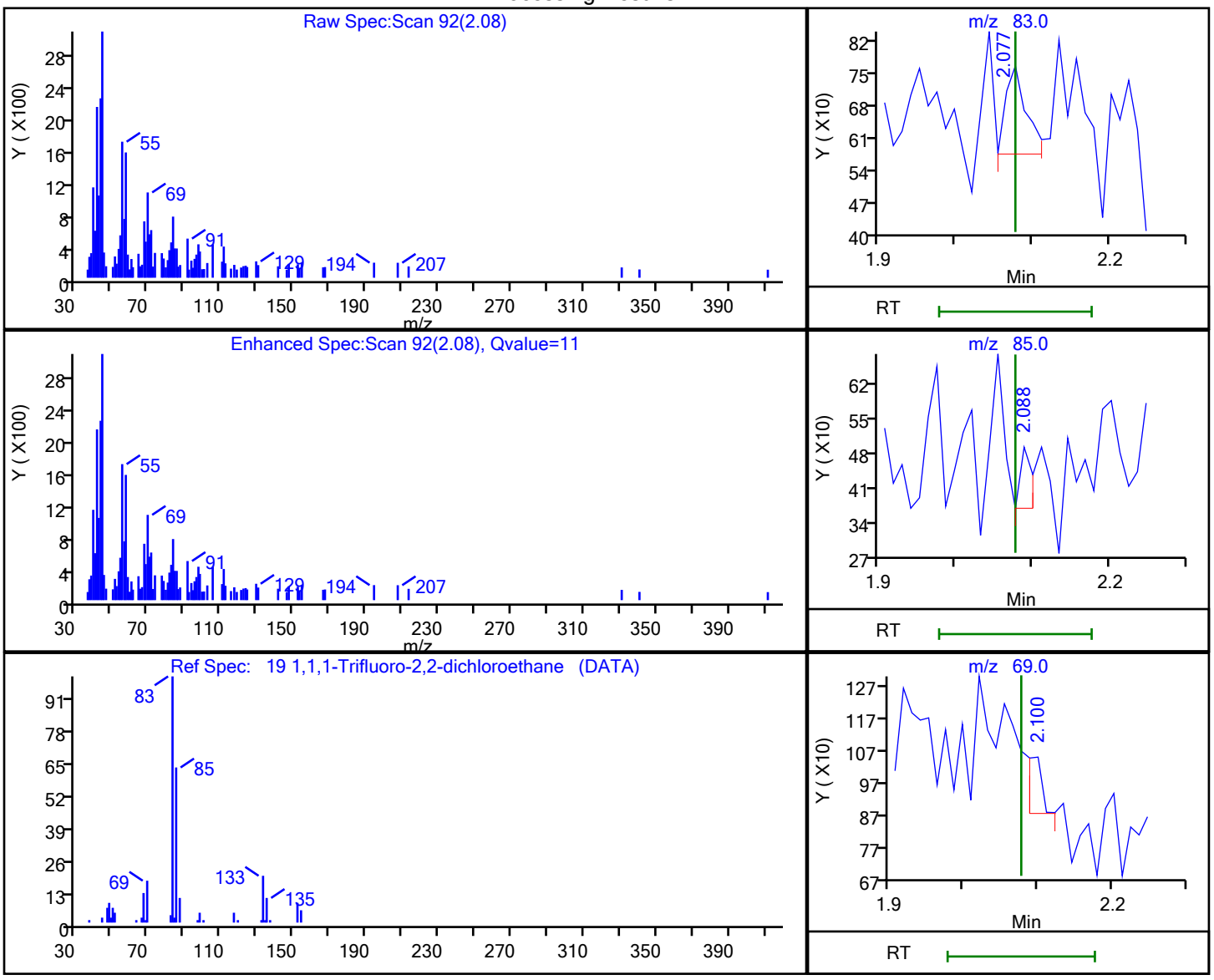
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

19 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
2.08	83.00	350	0.044518
2.09	85.00	131	
2.10	69.00	237	
2.08	67.00	462	

Reviewer: K0HS, 05-Jan-2024 07:40:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

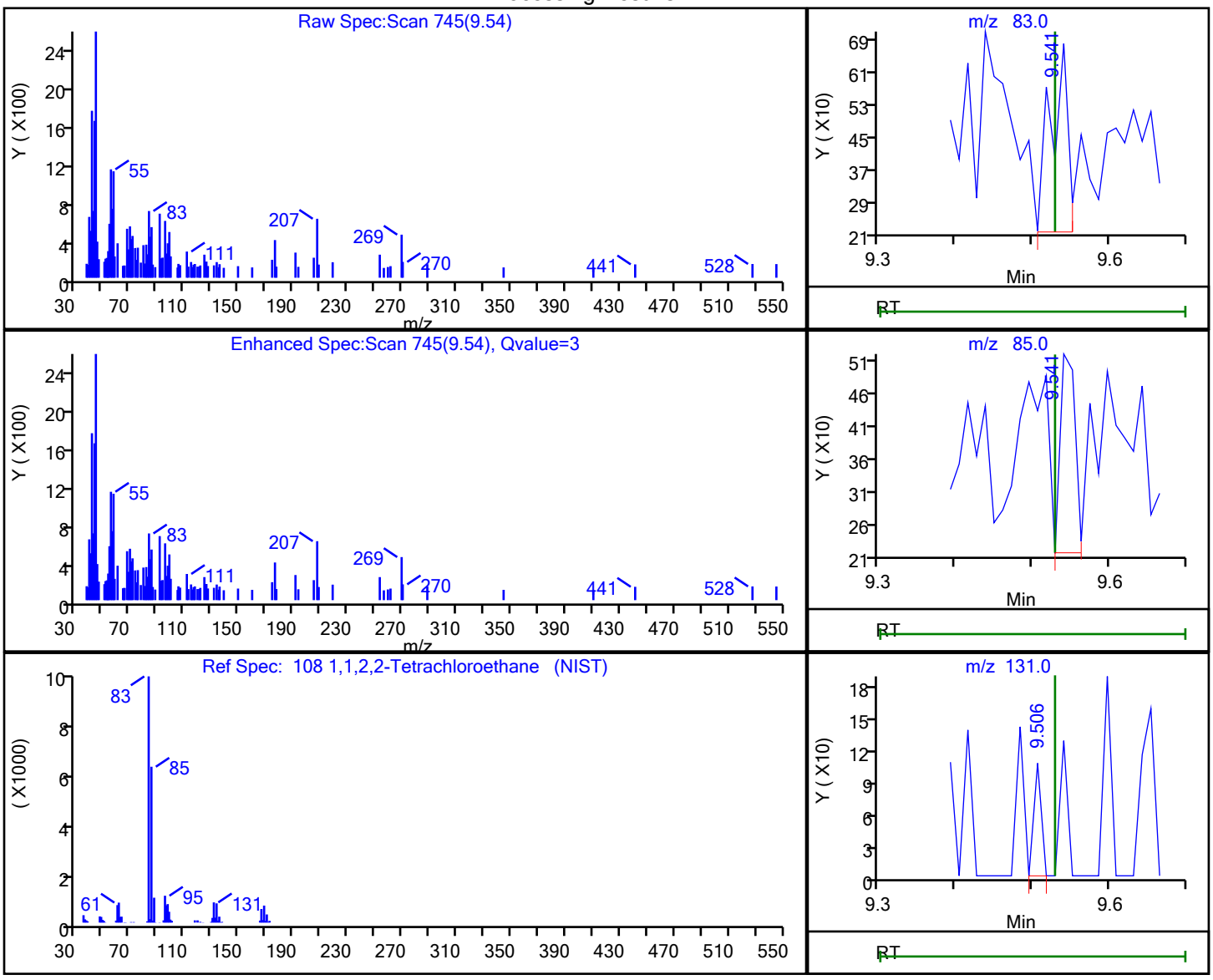
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.54	83.00	739	0.106413
9.54	85.00	406	
9.51	131.00	72	

Reviewer: K0HS, 05-Jan-2024 07:43:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

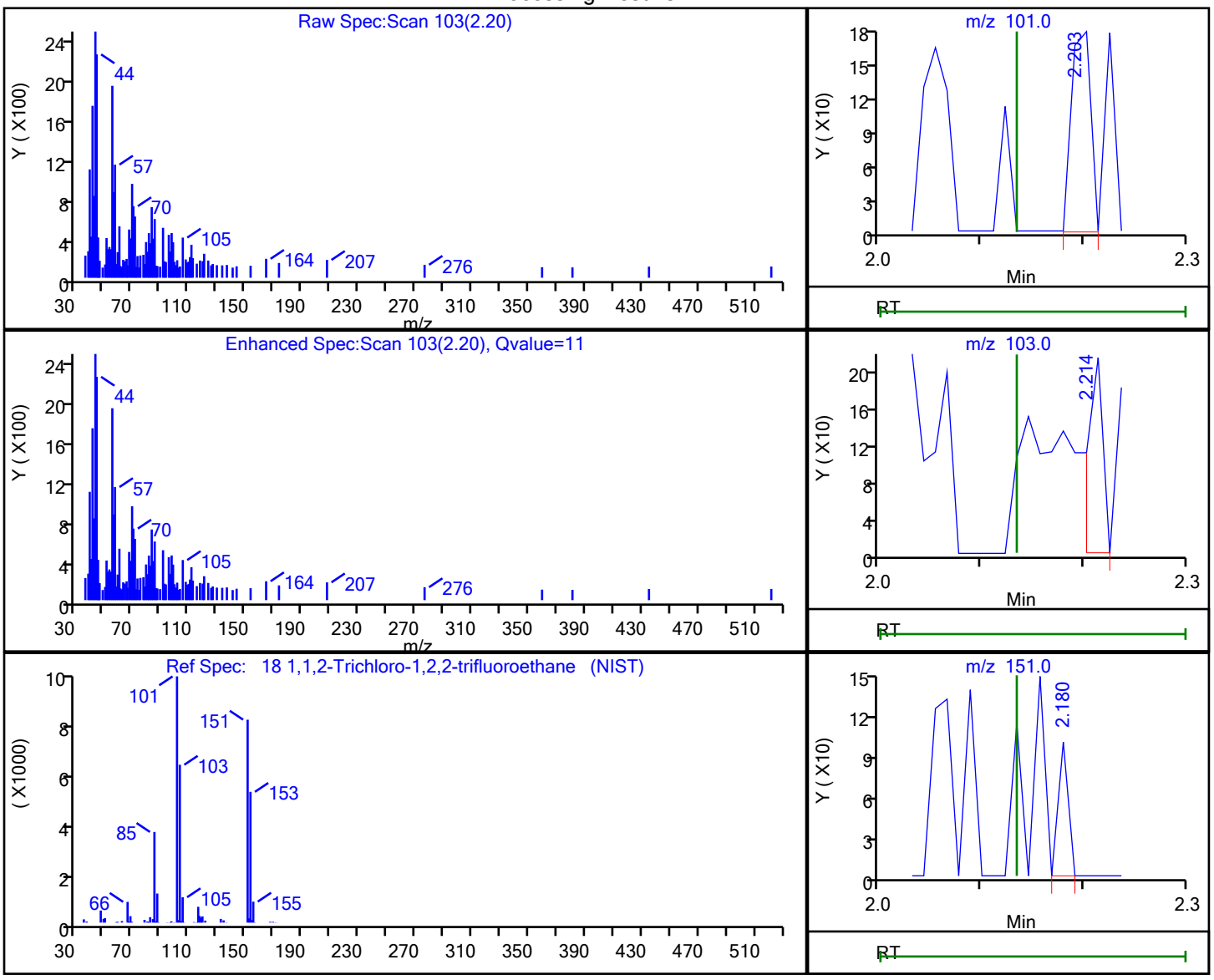
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results



RT	Mass	Response	Amount
2.20	101.00	229	0.045405
2.21	103.00	224	
2.18	151.00	69	
2.20	85.00	294	

Reviewer: K0HS, 05-Jan-2024 07:40:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

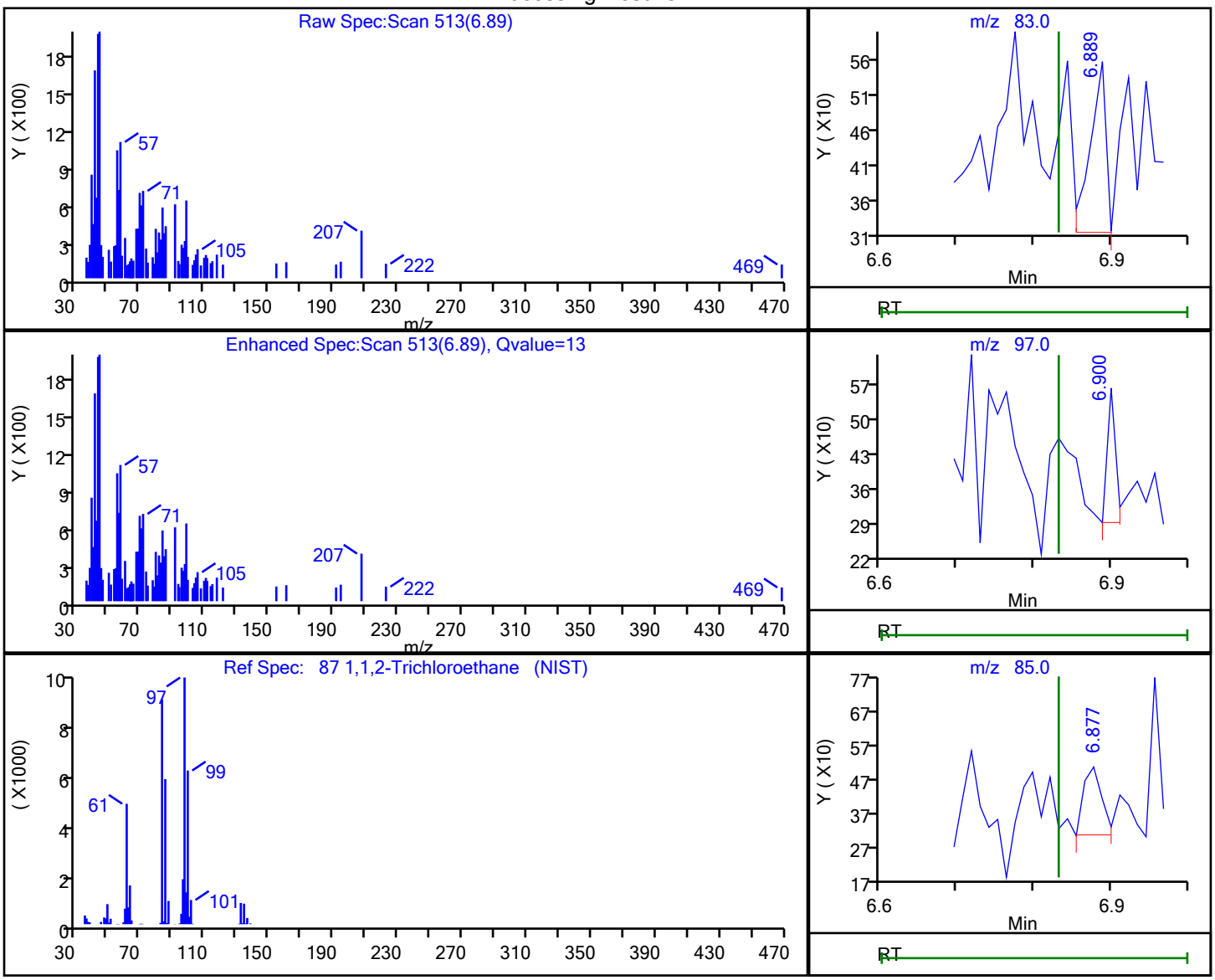
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.89	83.00	344	0.076144
6.90	97.00	206	
6.88	85.00	341	

Reviewer: K0HS, 05-Jan-2024 07:42:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

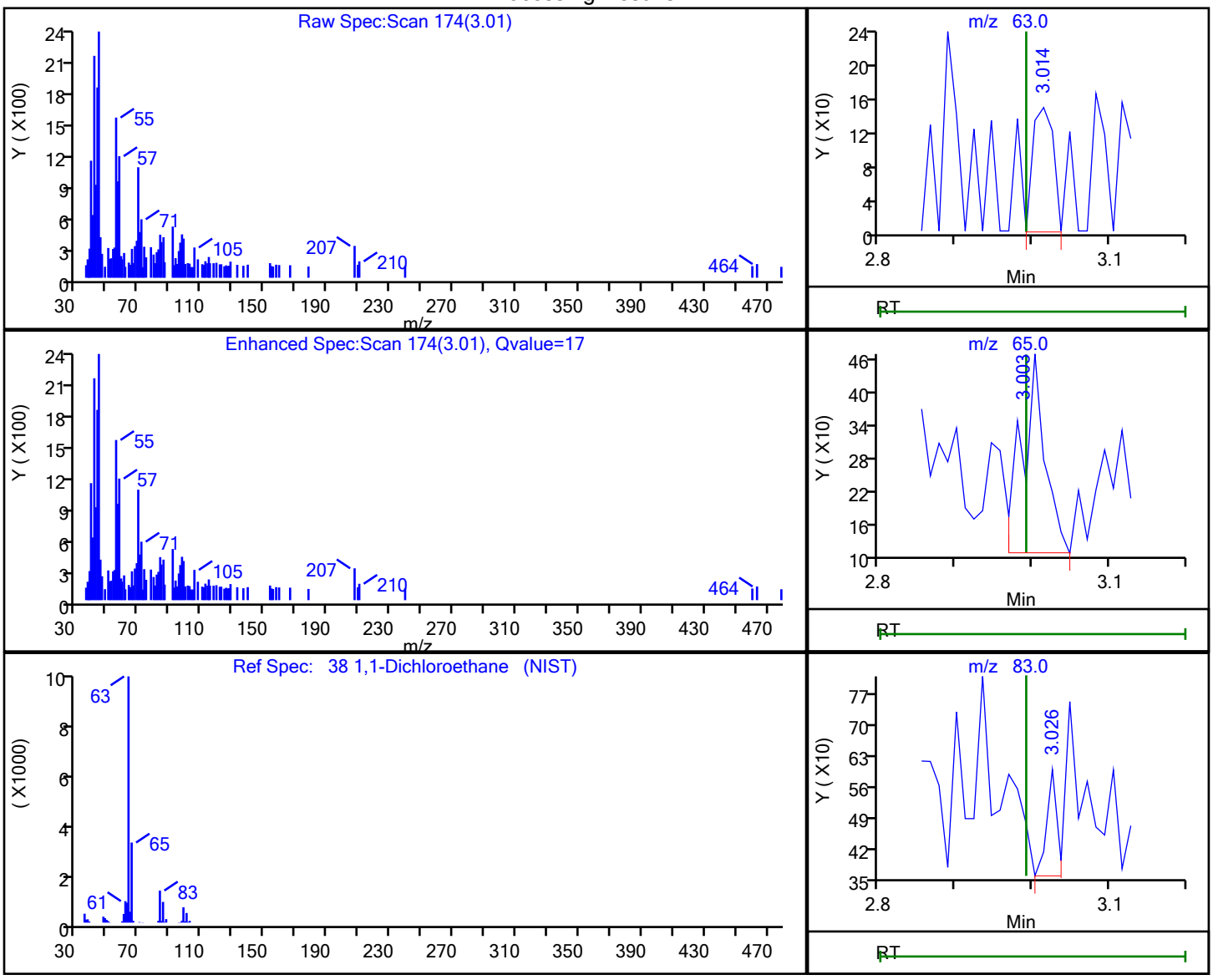
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.01	63.00	265	0.022257
3.00	65.00	752	
3.03	83.00	225	

Reviewer: K0HS, 05-Jan-2024 07:41:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

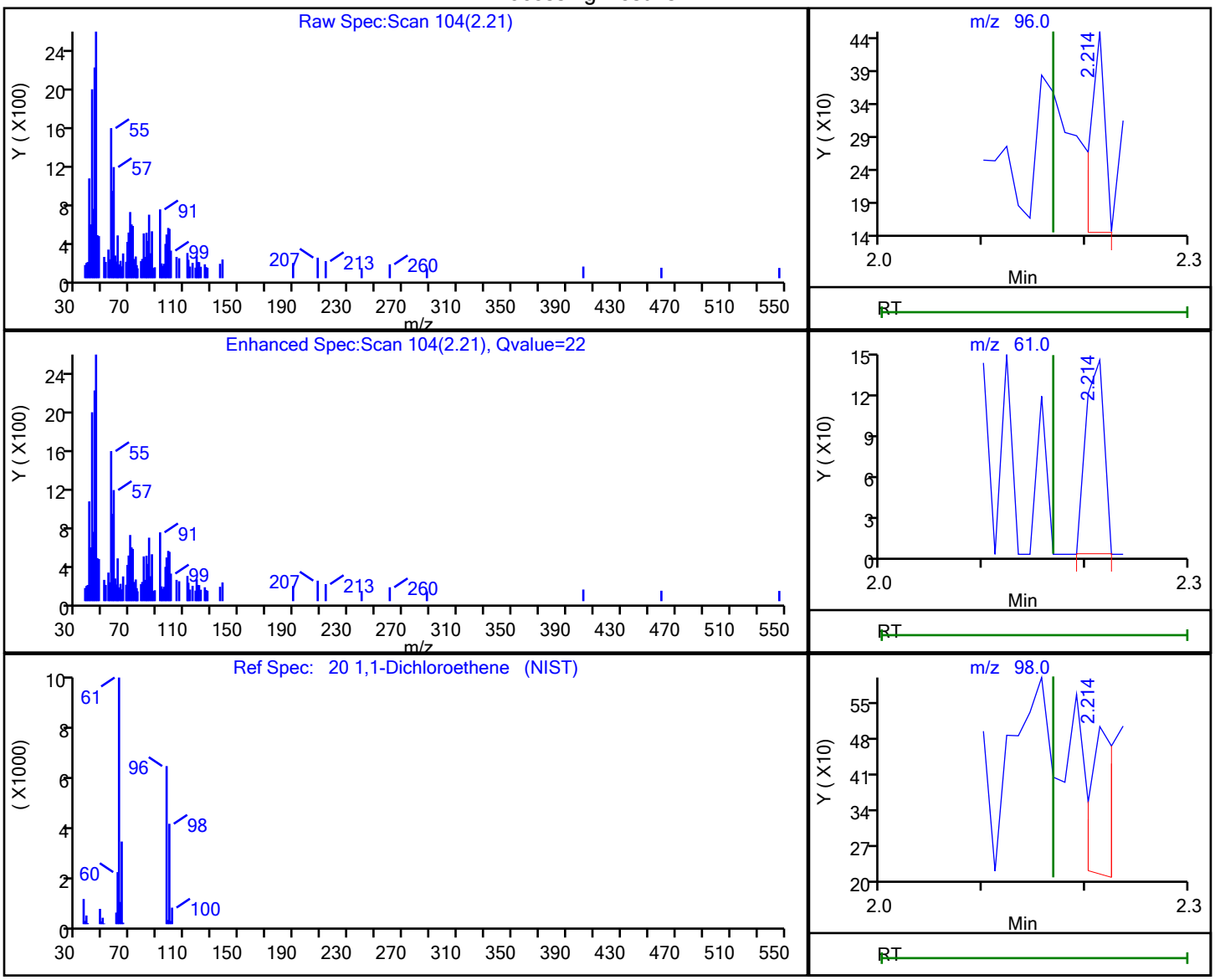
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.21	96.00	290	0.057444
2.21	61.00	176	
2.21	98.00	464	
2.20	63.00	204	

Reviewer: K0HS, 05-Jan-2024 07:40:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

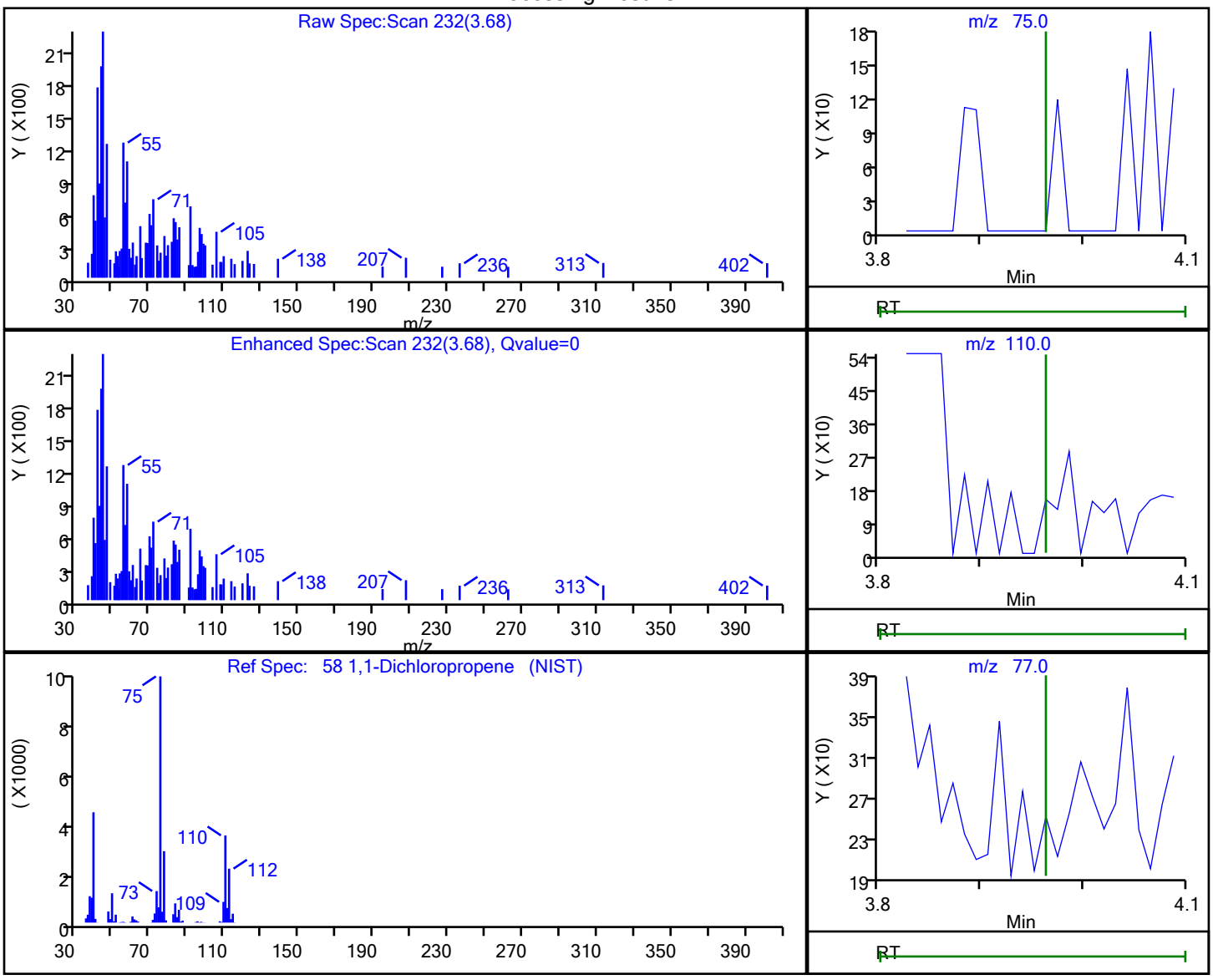
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

58 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.68	75.00	363	0.040801
3.69	110.00	329	
3.70	77.00	1401	

Reviewer: K0HS, 05-Jan-2024 07:41:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

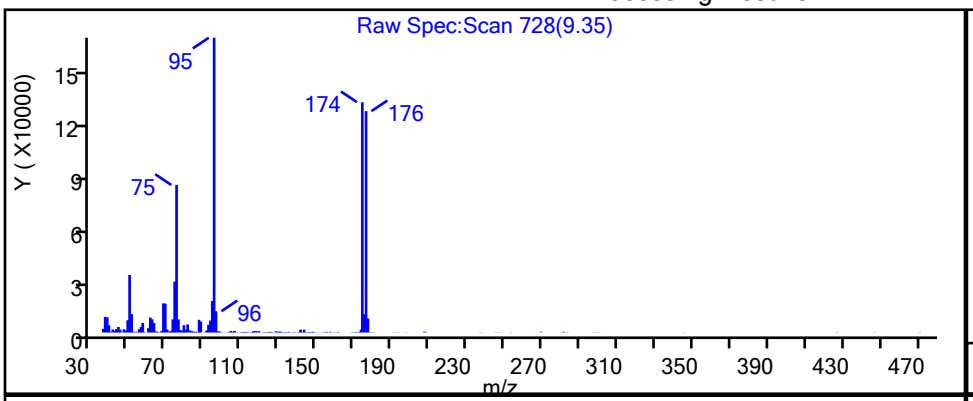
User Disabled Compound Report

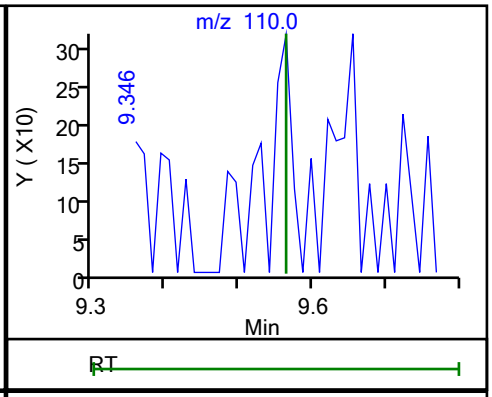
Eurofins Edison

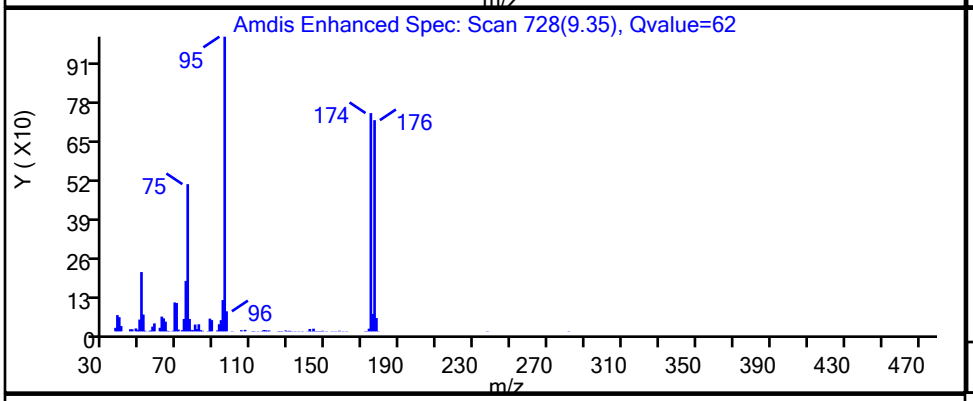
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

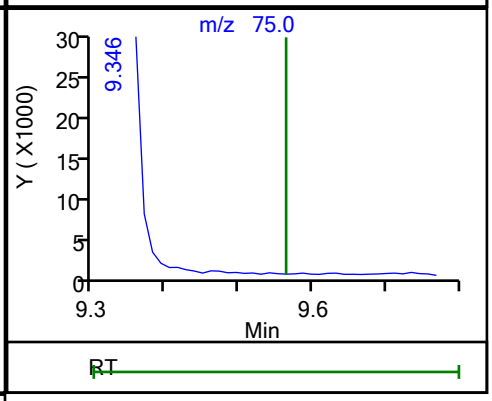
115 1,2,3-Trichloropropane, CAS: 96-18-4

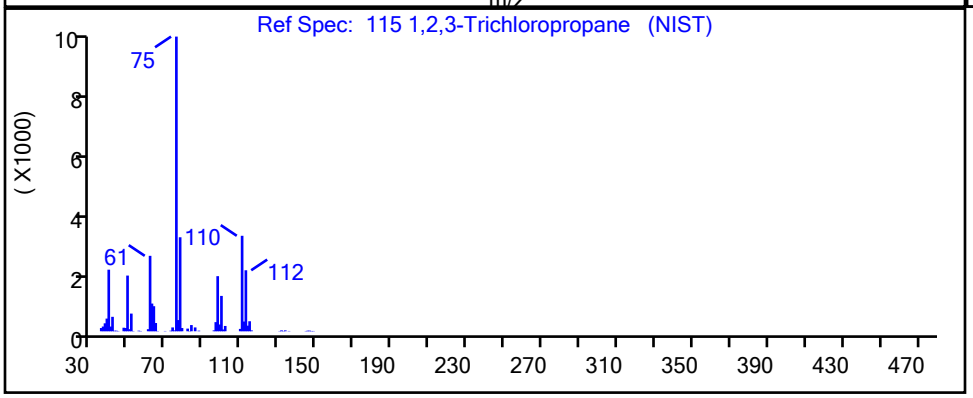
Processing Results











RT	Mass	Response	Amount
9.35	110.00	732	0.357967
9.35	75.00	141995	

Reviewer: K0HS, 05-Jan-2024 07:43:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

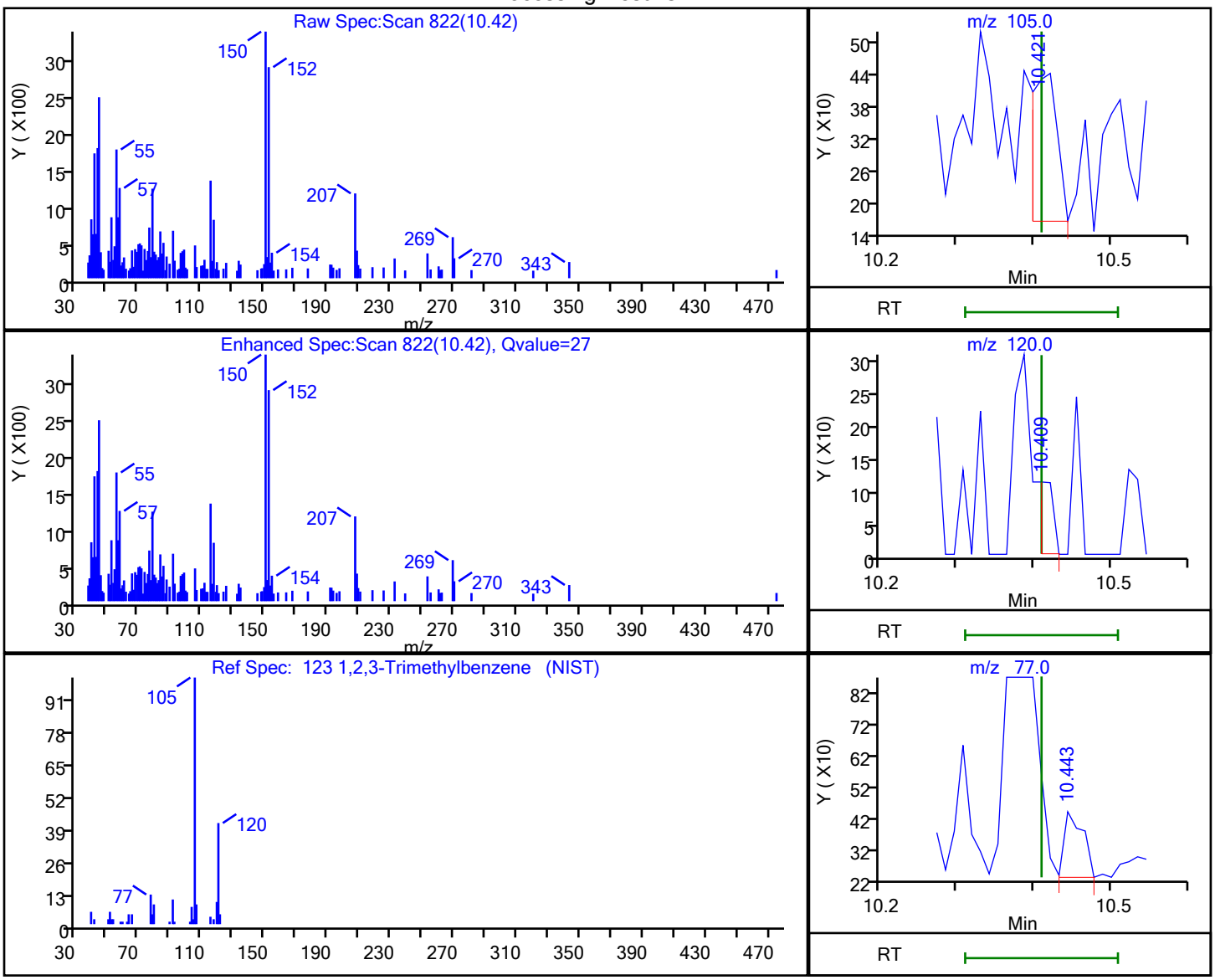
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.42	105.00	633	0.026916
10.41	120.00	149	
10.44	77.00	359	

Reviewer: K0HS, 05-Jan-2024 07:43:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

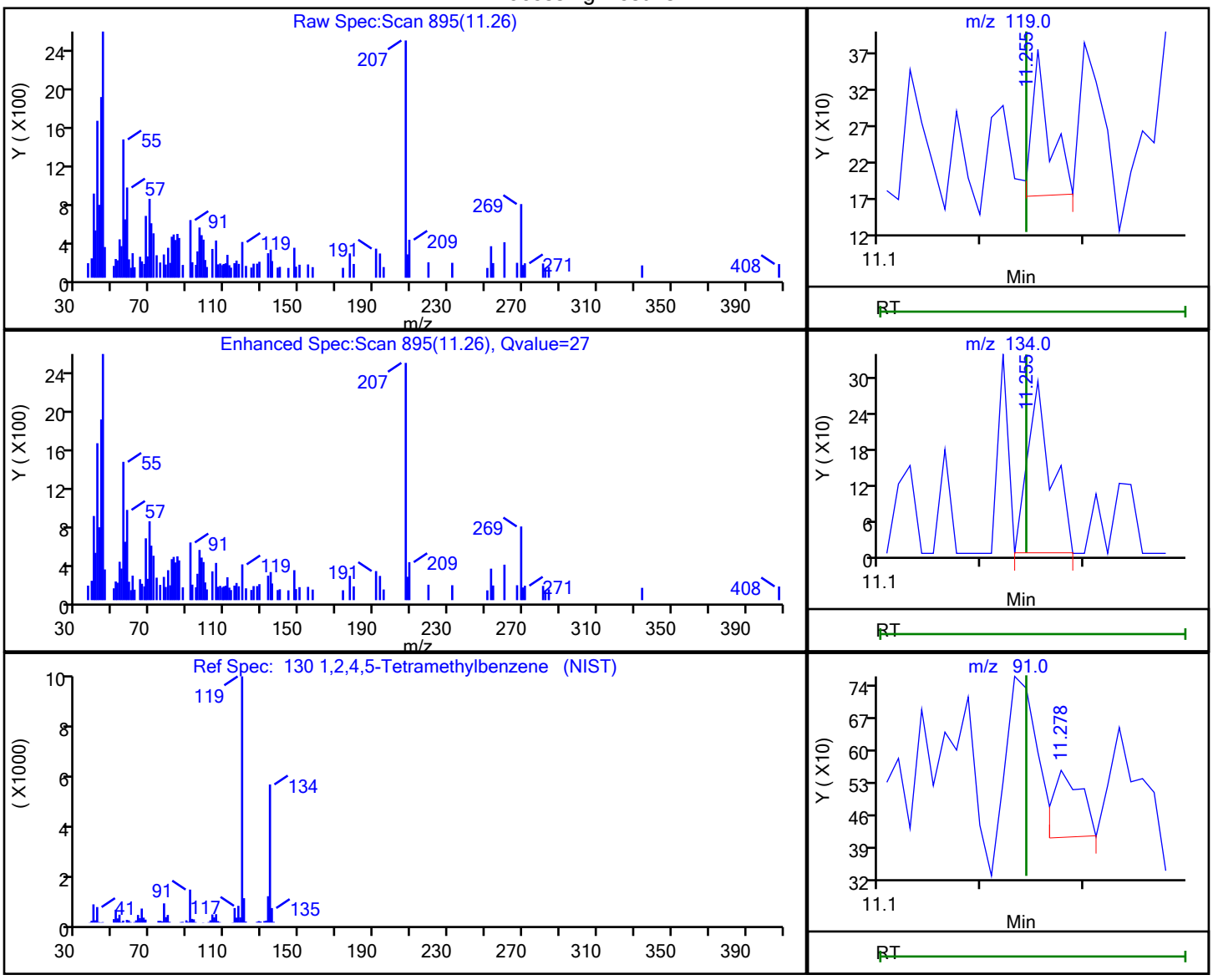
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.26	119.00	235	0.012712
11.26	134.00	477	
11.28	91.00	286	

Reviewer: K0HS, 05-Jan-2024 07:43:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

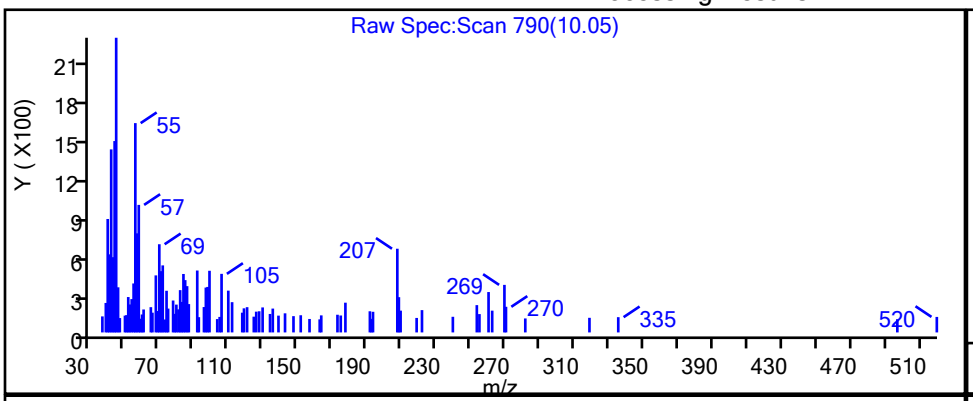
User Disabled Compound Report

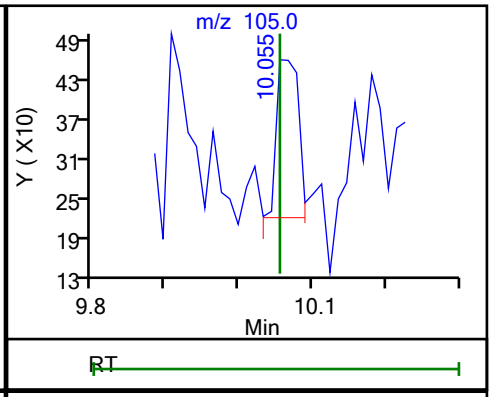
Eurofins Edison

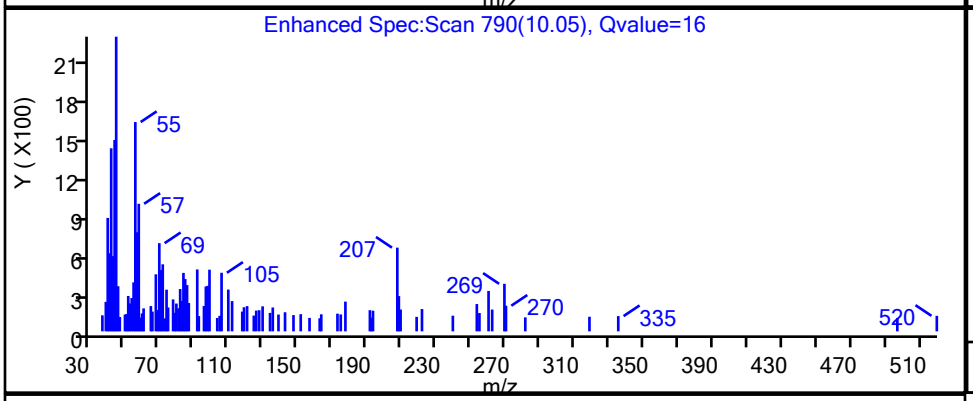
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

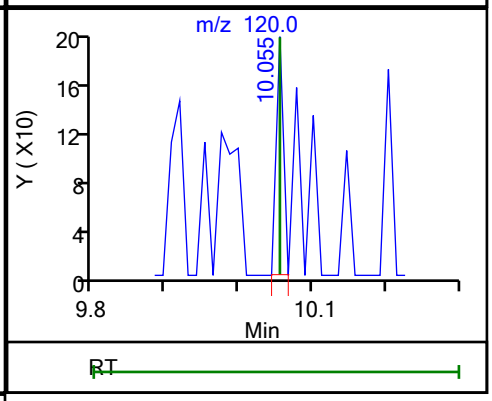
119 1,2,4-Trimethylbenzene, CAS: 95-63-6

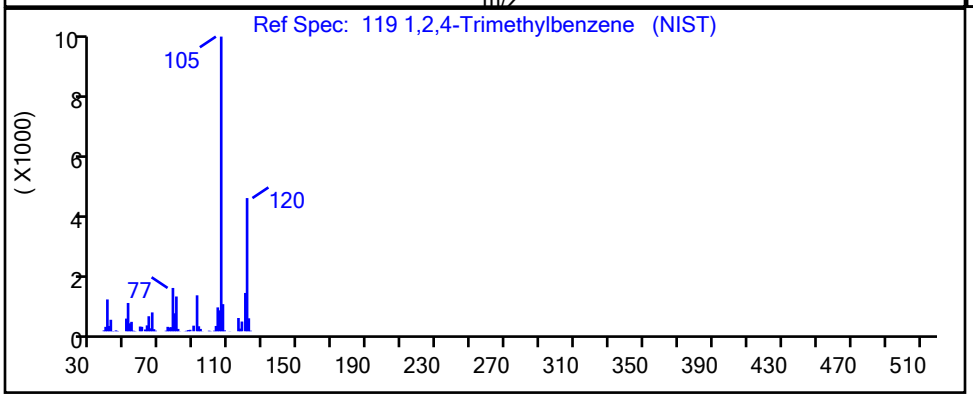
Processing Results











RT	Mass	Response	Amount
10.05	105.00	501	0.023210
10.05	120.00	135	

Reviewer: K0HS, 05-Jan-2024 07:43:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

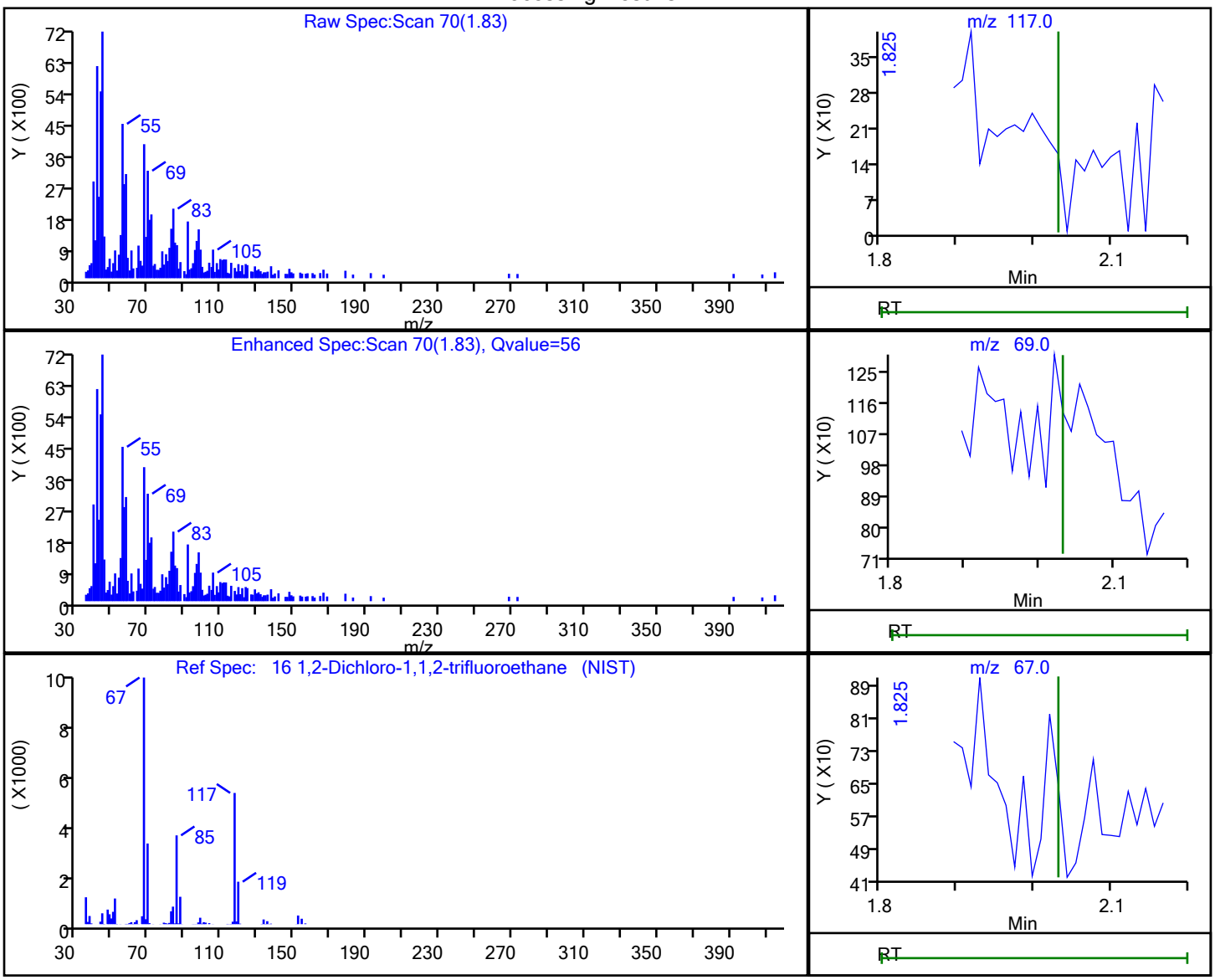
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
1.83	117.00	732	0.184729
1.83	69.00	7247	
1.83	67.00	4111	
1.83	119.00	1120	

Reviewer: K0HS, 05-Jan-2024 07:40:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

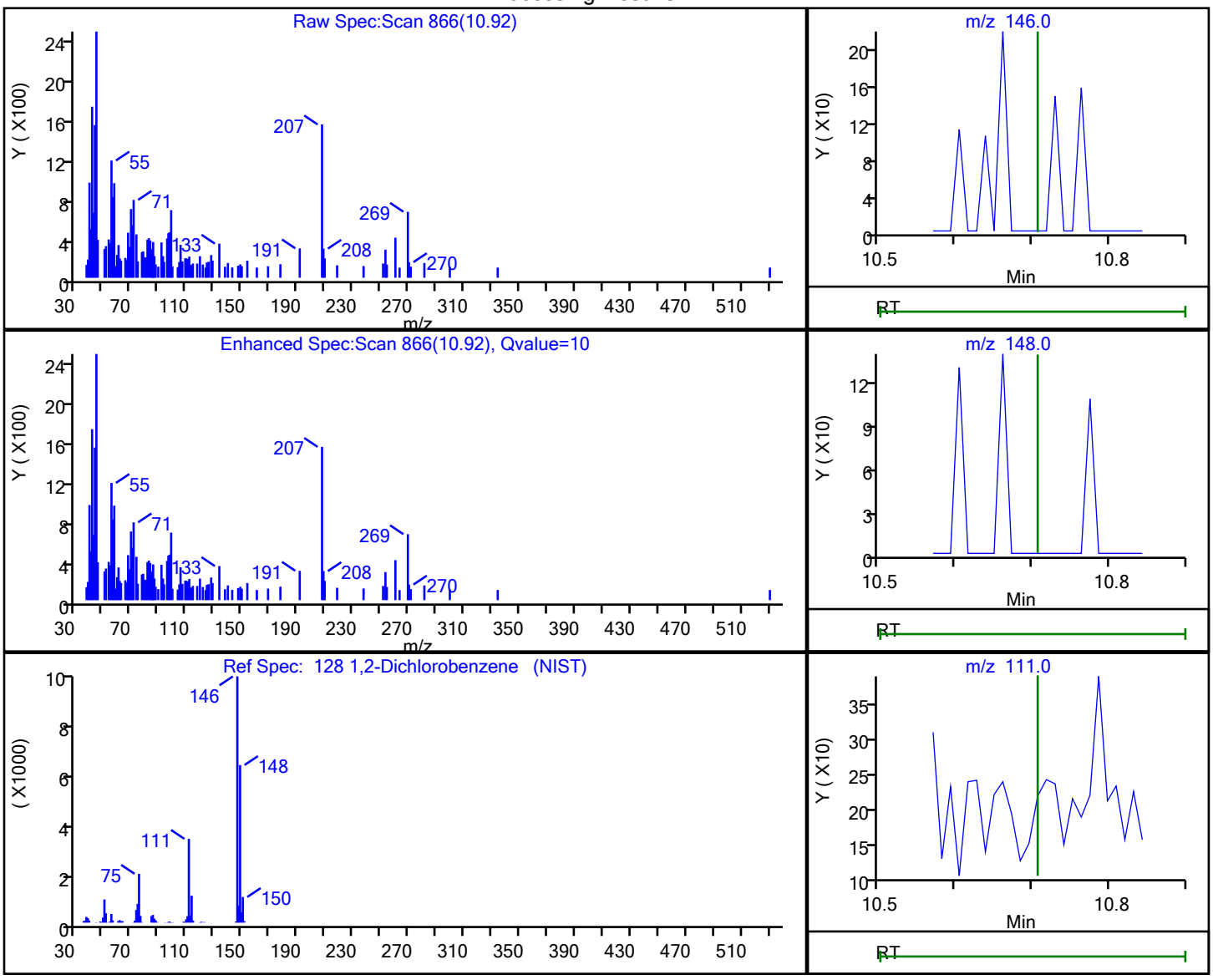
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.92	146.00	153	0.014324
10.92	148.00	162	
10.90	111.00	85	

Reviewer: K0HS, 05-Jan-2024 07:43:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

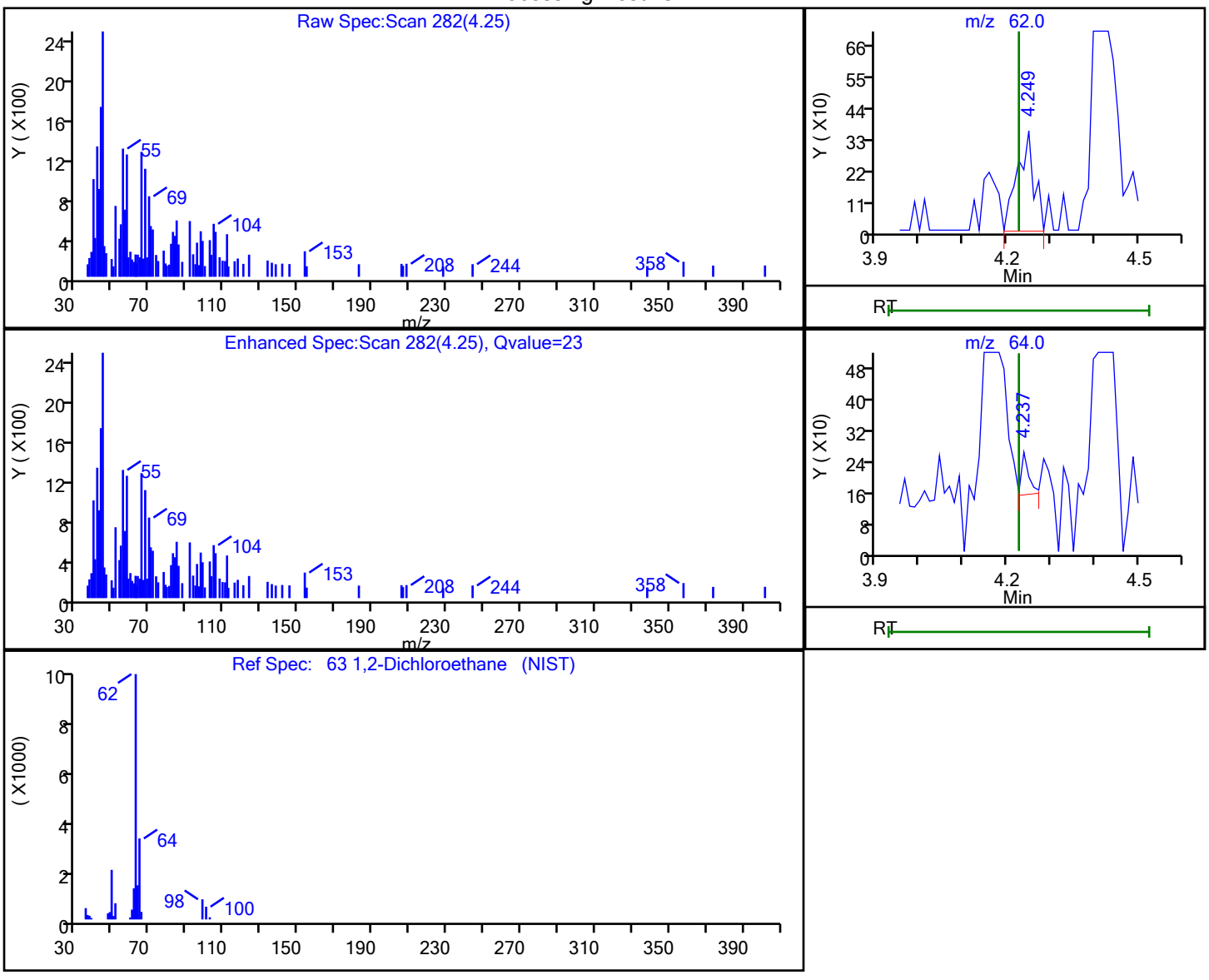
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.25	62.00	933	0.108564
4.24	64.00	129	

Reviewer: K0HS, 05-Jan-2024 07:42:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

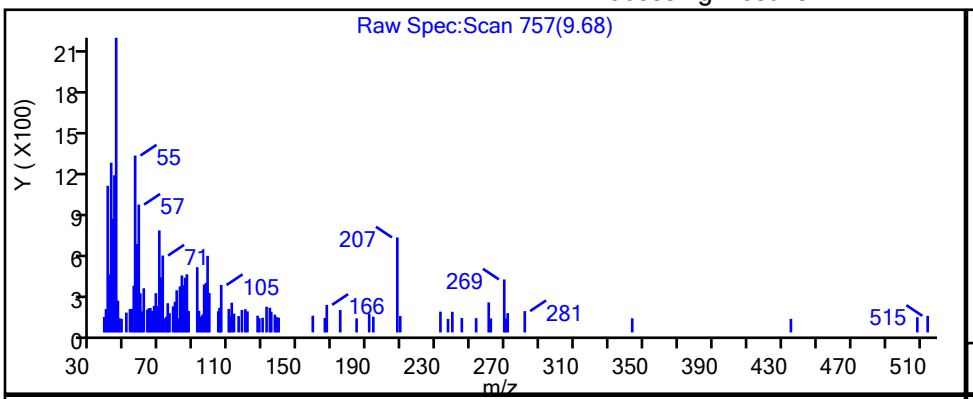
User Disabled Compound Report

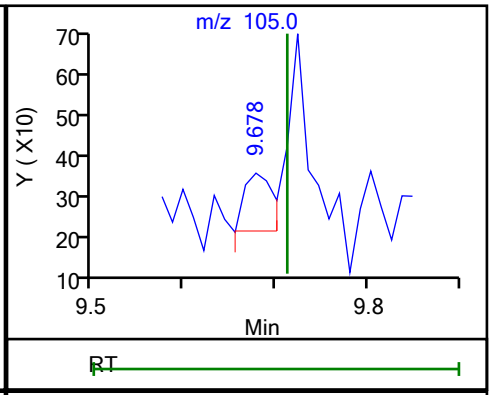
Eurofins Edison

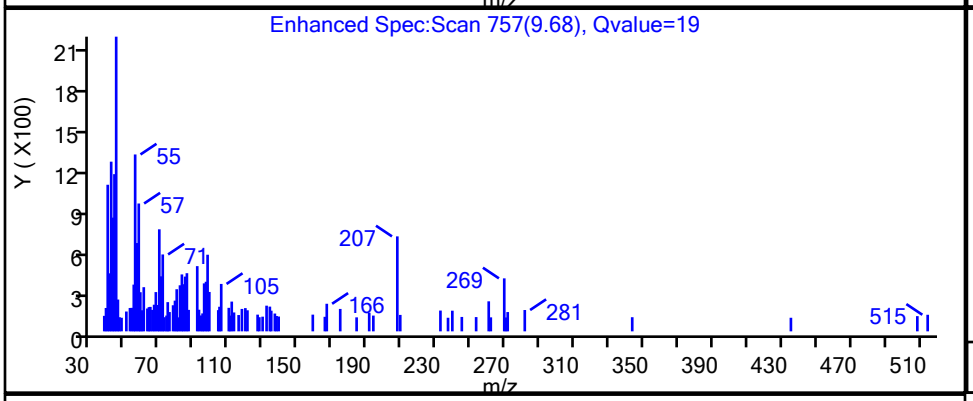
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

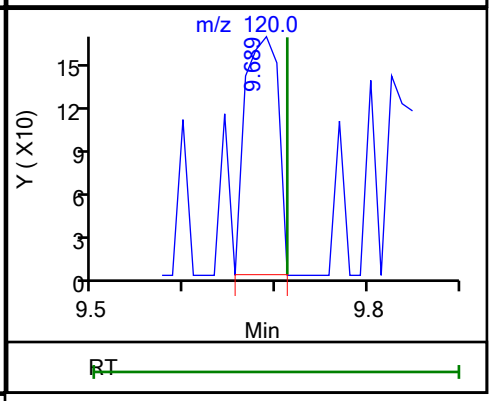
116 1,3,5-Trimethylbenzene, CAS: 108-67-8

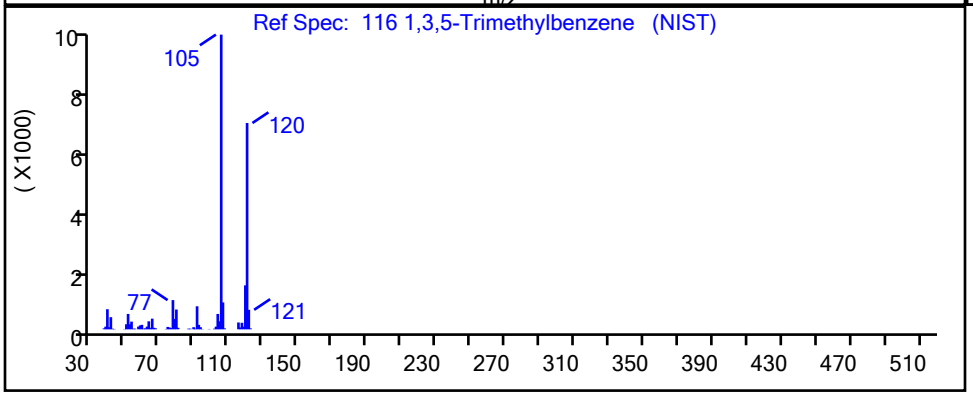
Processing Results











RT	Mass	Response	Amount
9.68	105.00	322	0.015112
9.69	120.00	413	

Reviewer: K0HS, 05-Jan-2024 07:43:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

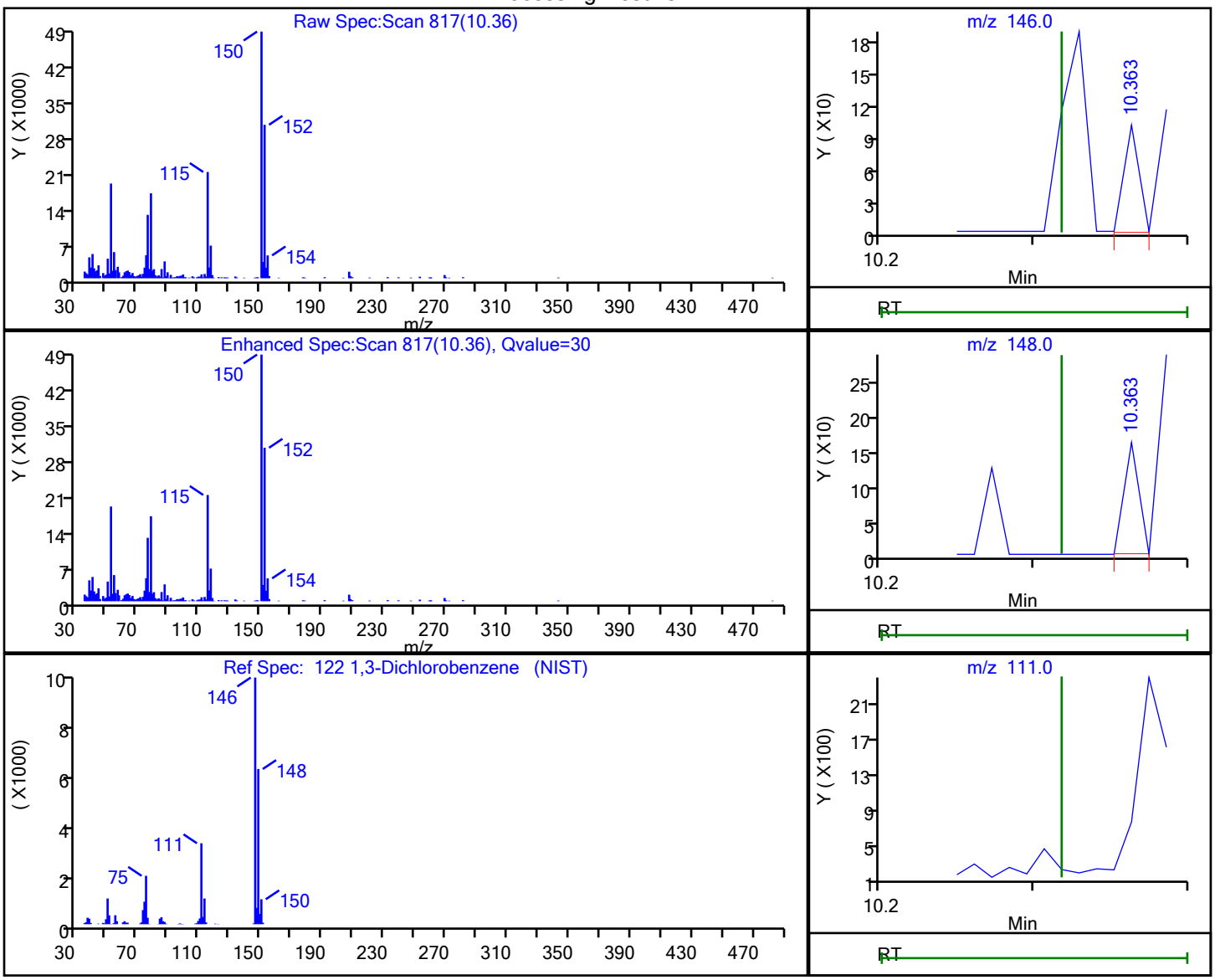
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

122 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.36	146.00	69	0.006017
10.36	148.00	109	
10.37	111.00	3236	

Reviewer: K0HS, 05-Jan-2024 07:43:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

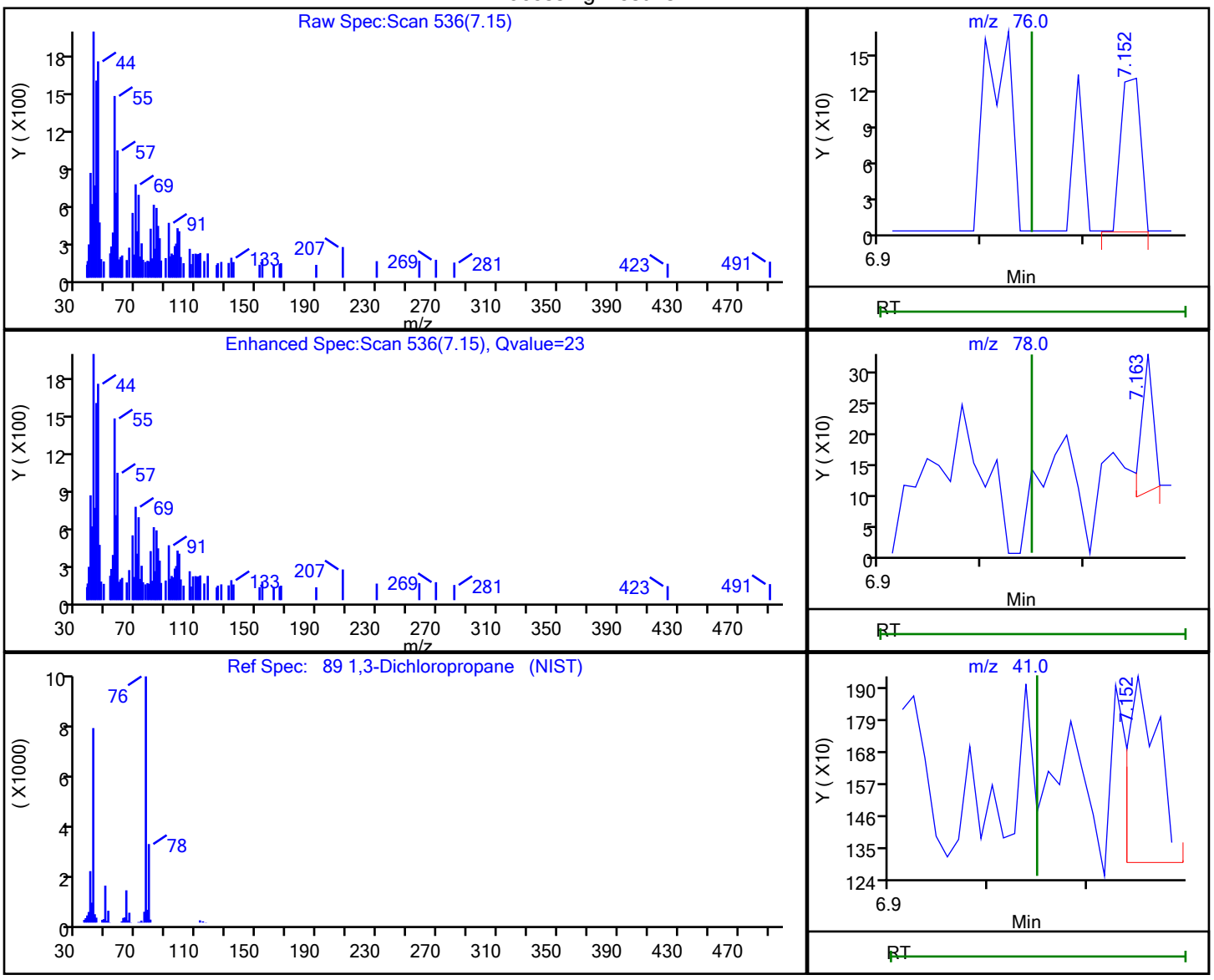
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D				
Injection Date:	04-Jan-2024 23:54:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results



RT	Mass	Response	Amount
7.15	76.00	168	0.017817
7.16	78.00	178	
7.15	41.00	1361	

Reviewer: K0HS, 05-Jan-2024 07:42:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

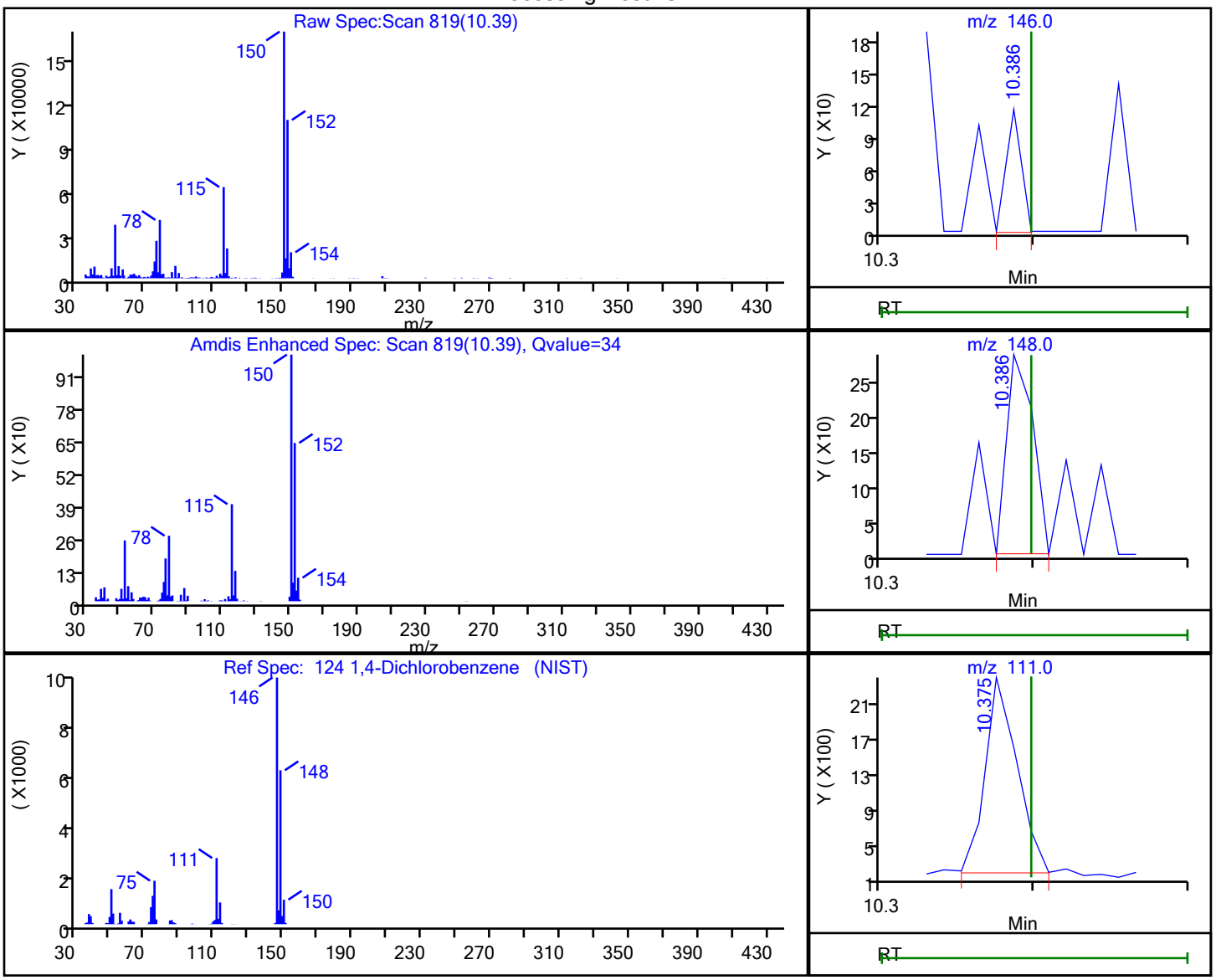
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.39	146.00	80	0.006988
10.39	148.00	338	
10.37	111.00	3150	

Reviewer: K0HS, 05-Jan-2024 07:43:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

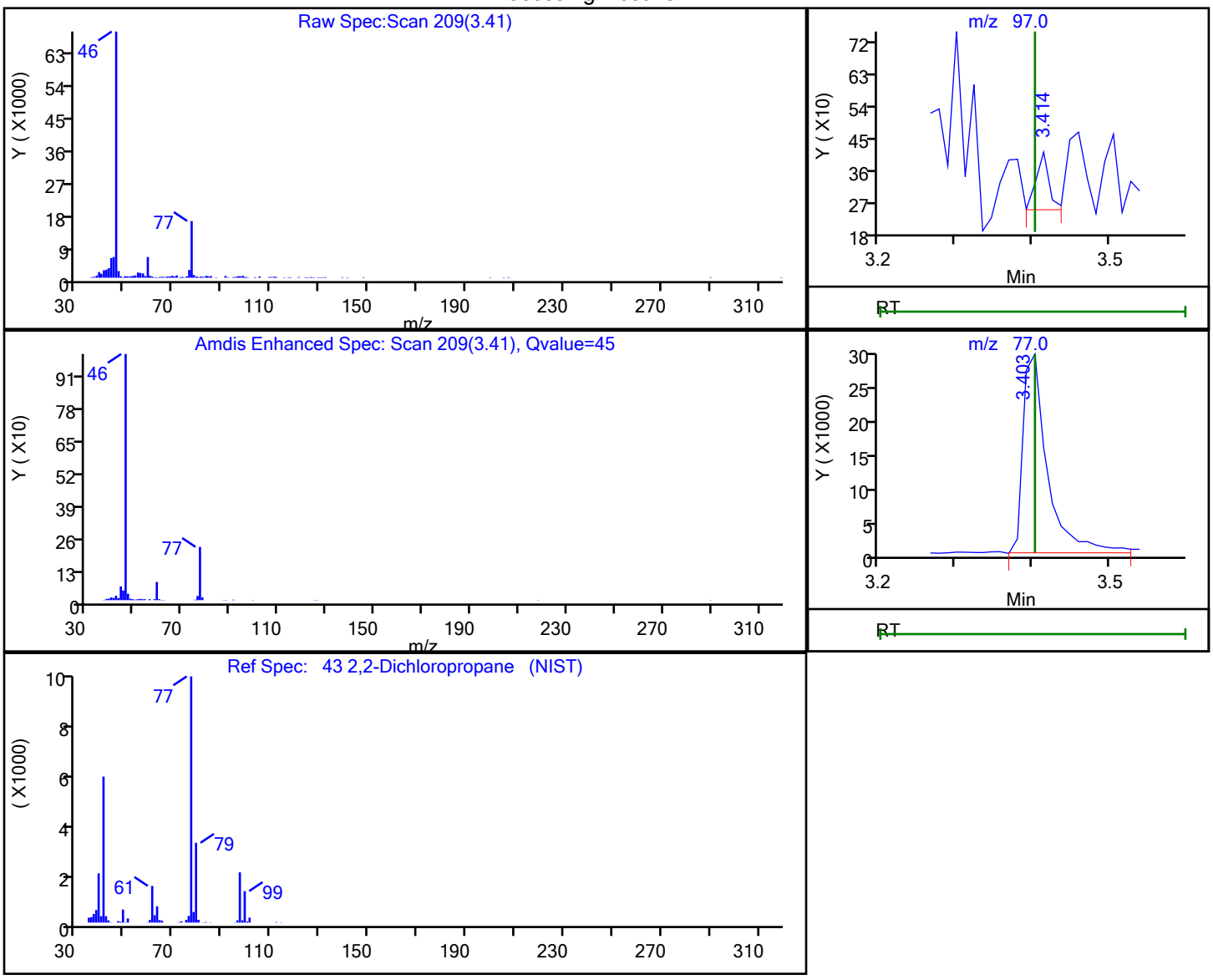
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.41	97.00	184	0.094821
3.40	77.00	66025	

Reviewer: K0HS, 05-Jan-2024 07:41:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

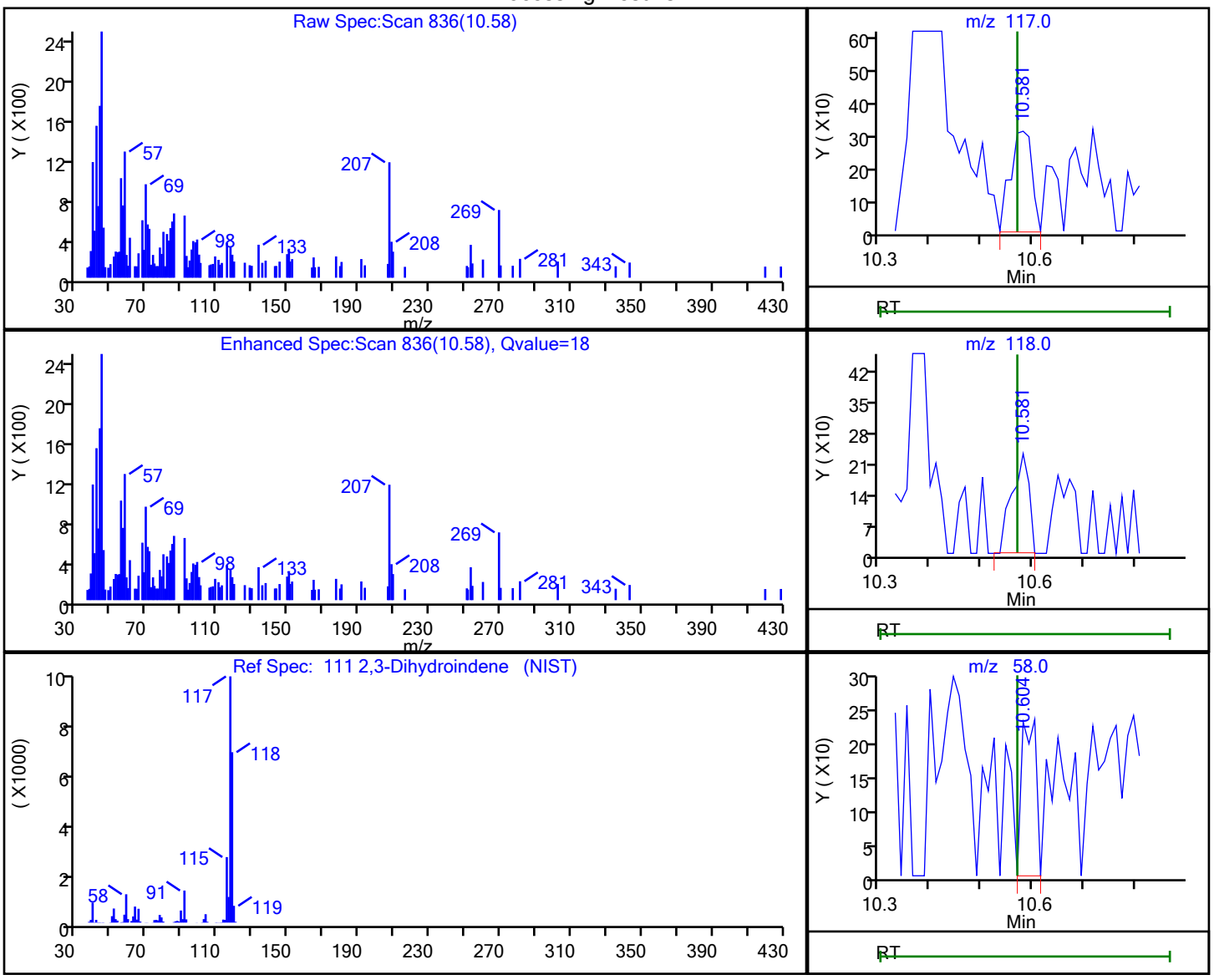
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

111 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
10.58	117.00	911	0.042969
10.58	118.00	541	
10.60	58.00	450	

Reviewer: K0HS, 05-Jan-2024 07:43:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

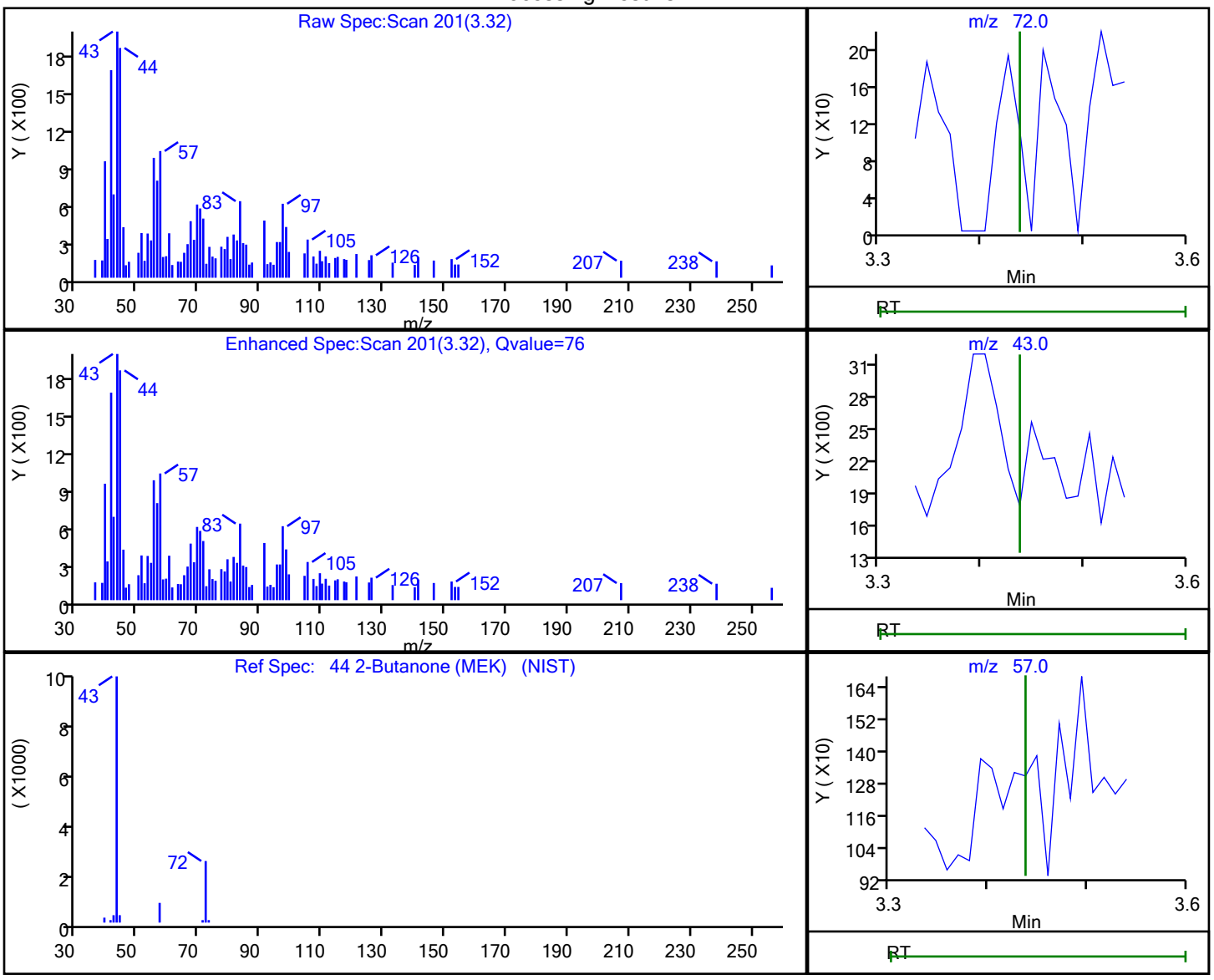
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

44 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
3.32	72.00	222	0.315952
3.32	43.00	1708	
3.31	57.00	359	

Reviewer: K0HS, 05-Jan-2024 07:41:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

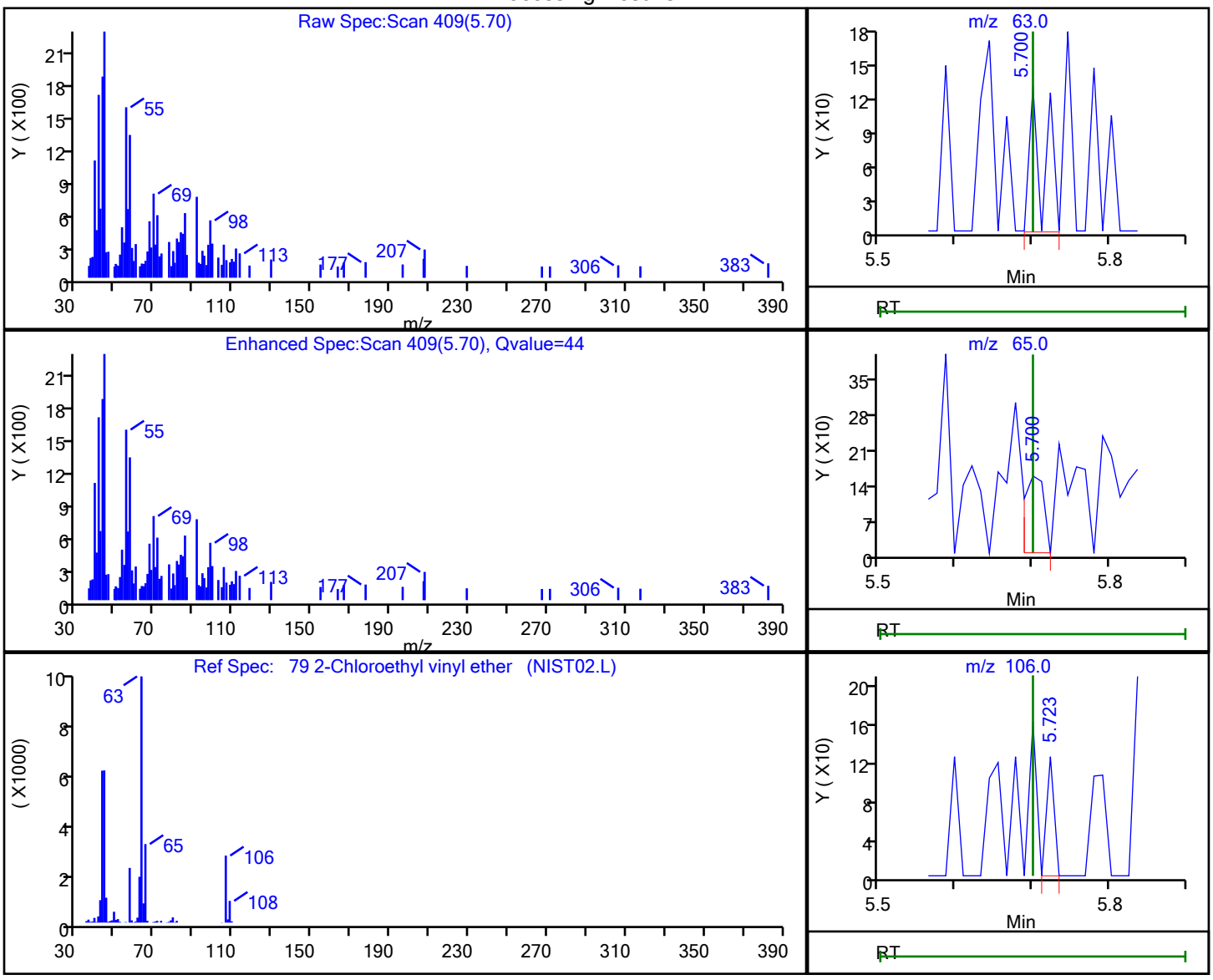
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.70	63.00	171	0.052797
5.70	65.00	276	
5.72	106.00	84	

Reviewer: K0HS, 05-Jan-2024 07:42:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

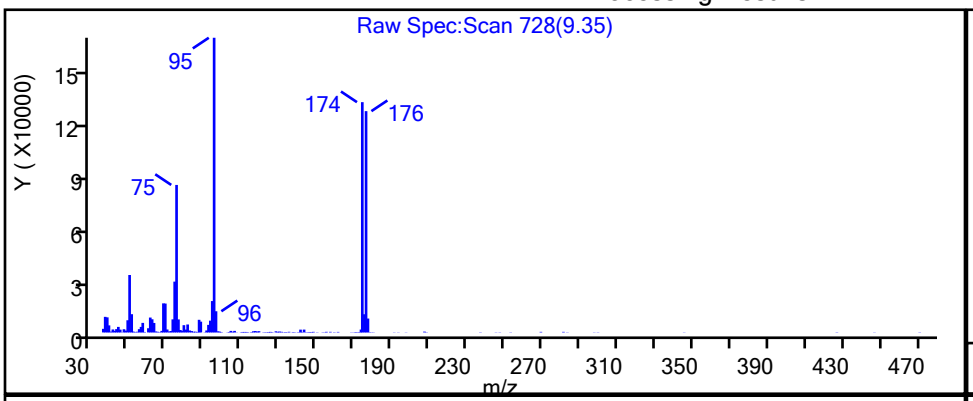
User Disabled Compound Report

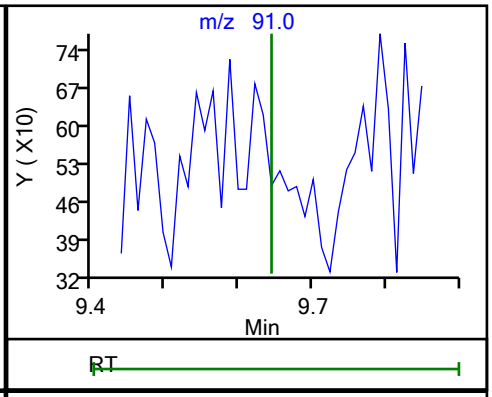
Eurofins Edison

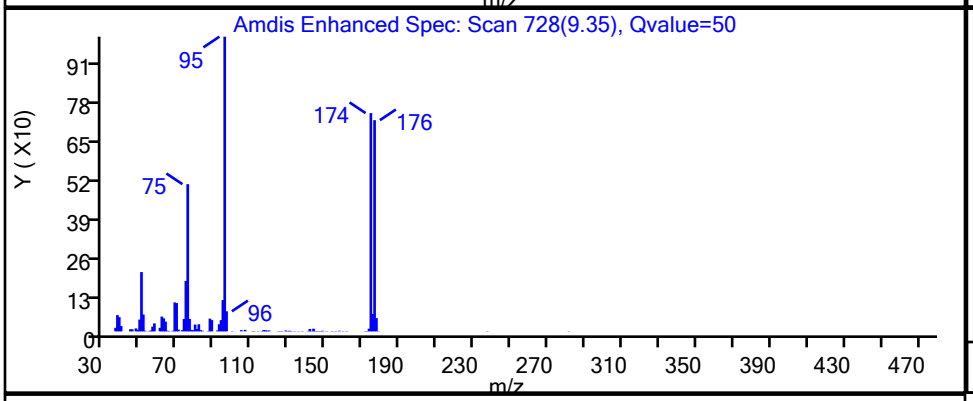
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

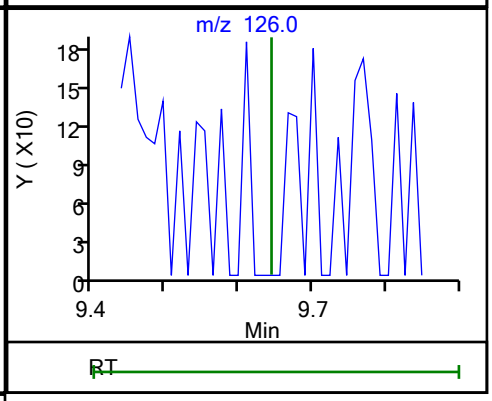
114 2-Chlorotoluene, CAS: 95-49-8

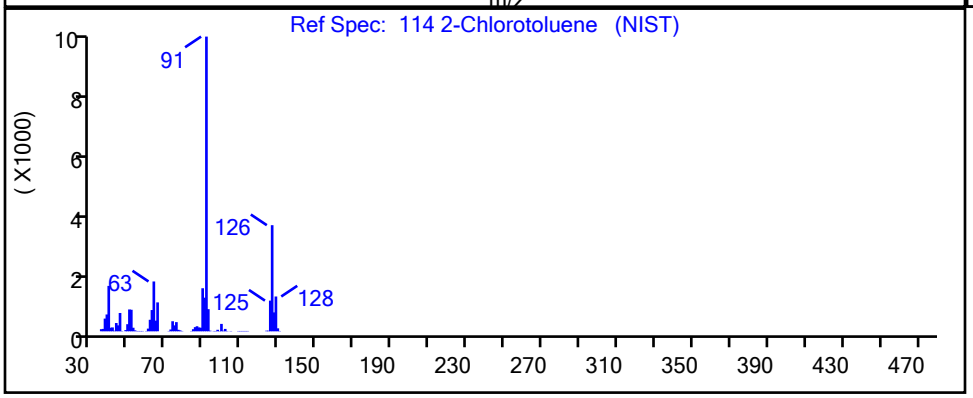
Processing Results











RT	Mass	Response	Amount
9.35	91.00	1881	0.090516
9.35	126.00	349	

Reviewer: K0HS, 05-Jan-2024 07:43:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

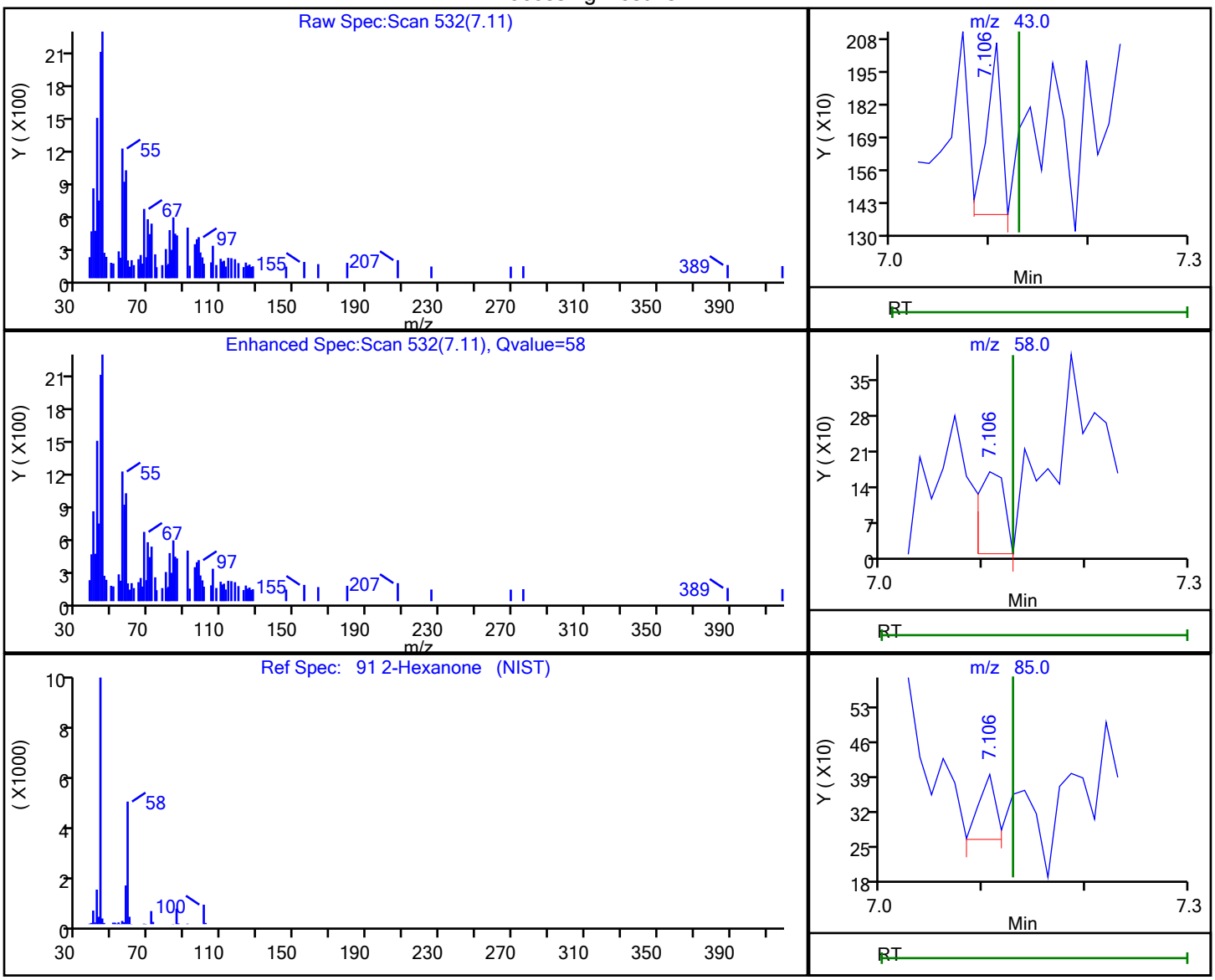
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

91 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.11	43.00	711	0.209656
7.11	58.00	295	
7.11	85.00	146	
7.09	100.00	398	

Reviewer: K0HS, 05-Jan-2024 07:42:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

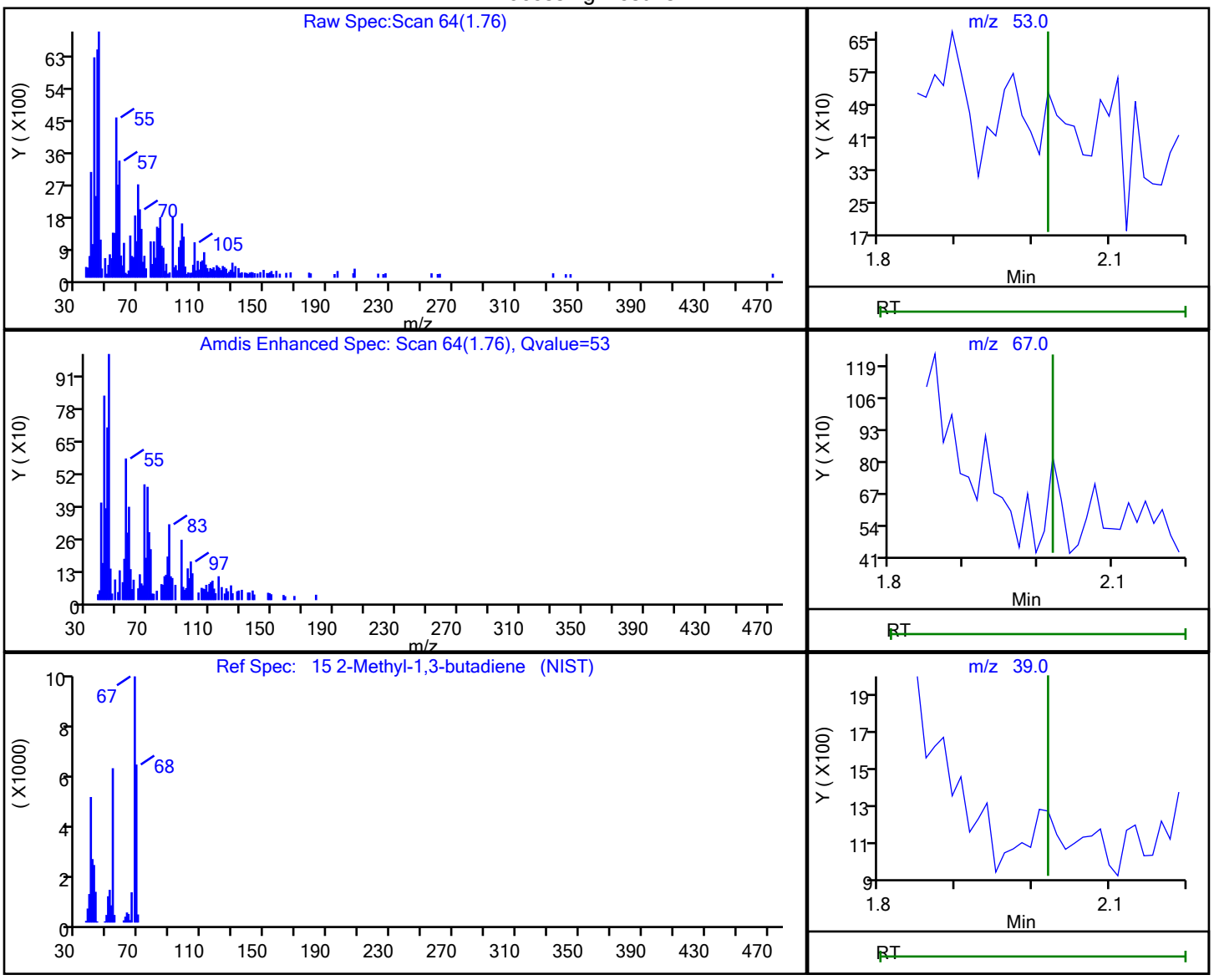
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.76	53.00	2647	0.501158
1.75	67.00	3438	
1.77	39.00	4631	

Reviewer: K0HS, 05-Jan-2024 07:40:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

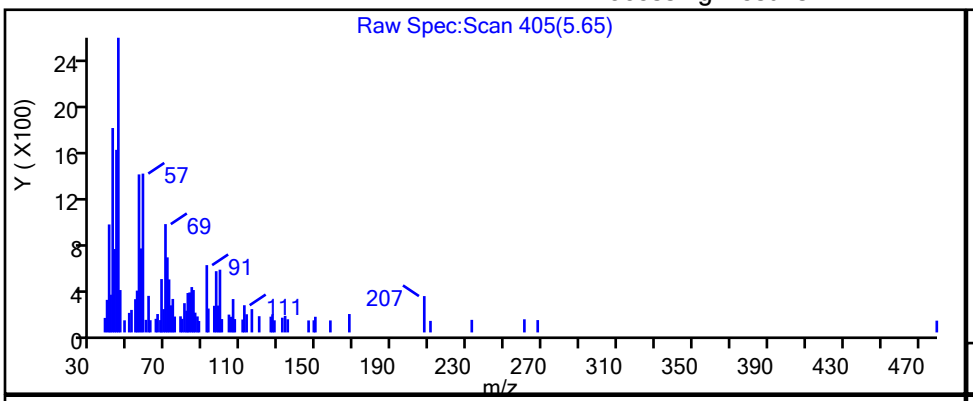
User Disabled Compound Report

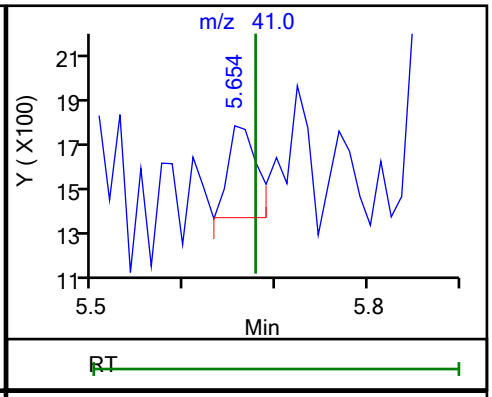
Eurofins Edison

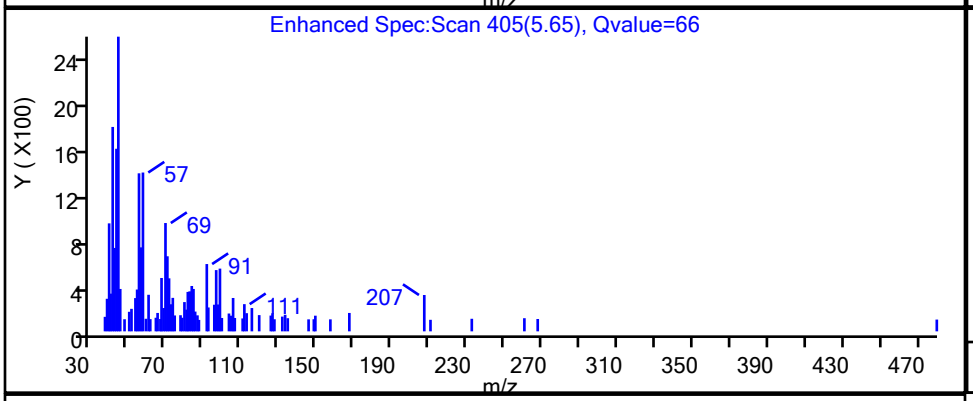
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

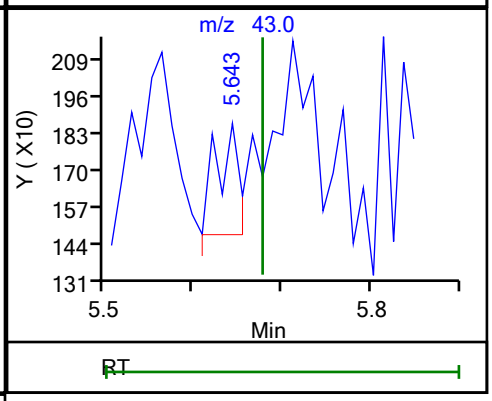
34 2-Nitropropane, CAS: 79-46-9

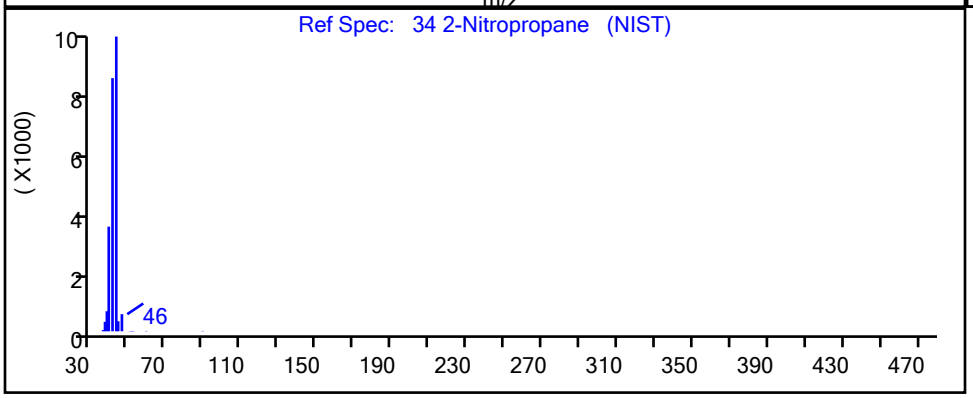
Processing Results











RT	Mass	Response	Amount
5.65	41.00	895	0.386133
5.64	43.00	711	

Reviewer: K0HS, 05-Jan-2024 07:42:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

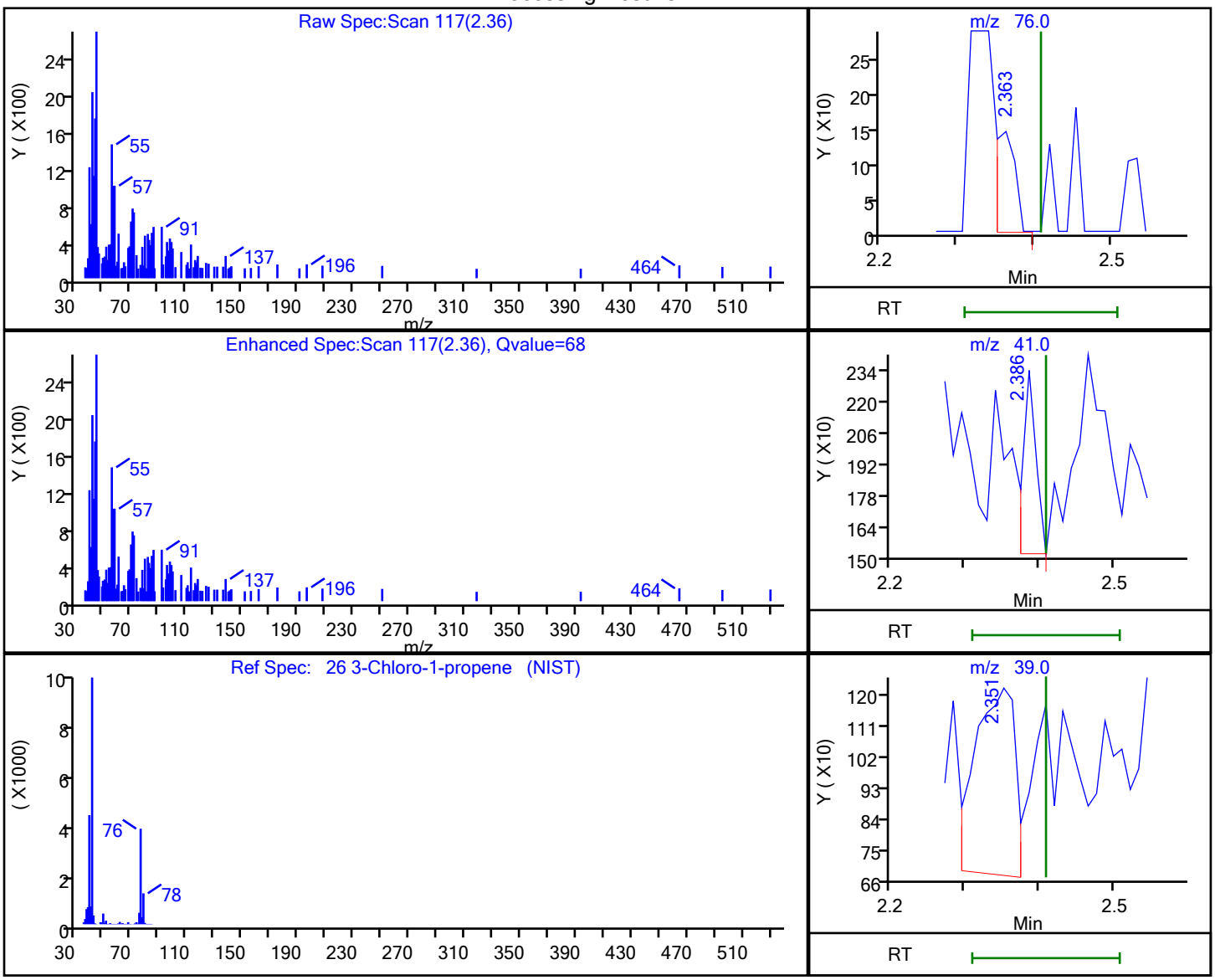
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.36	76.00	256	0.064739
2.39	41.00	1015	
2.35	39.00	2139	

Reviewer: K0HS, 05-Jan-2024 07:41:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

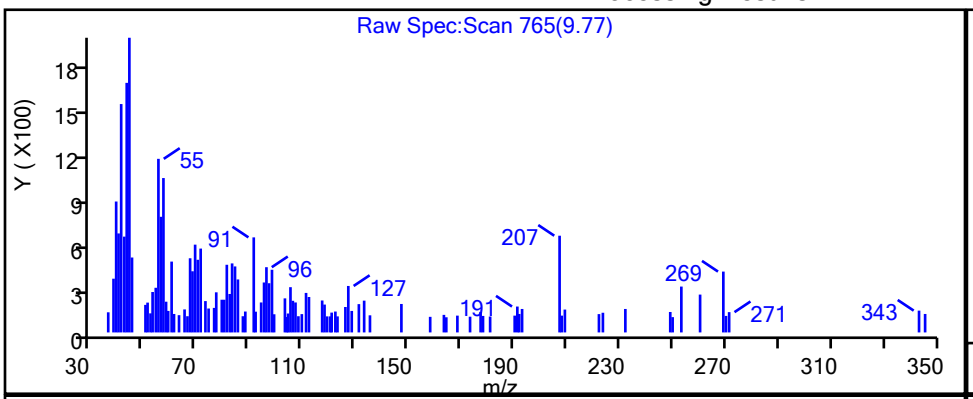
User Disabled Compound Report

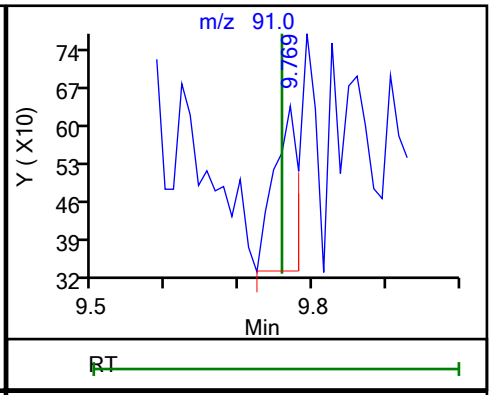
Eurofins Edison

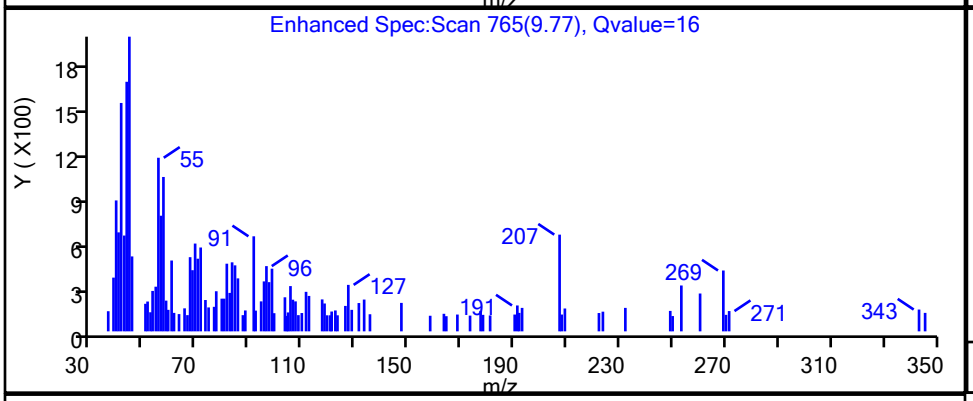
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

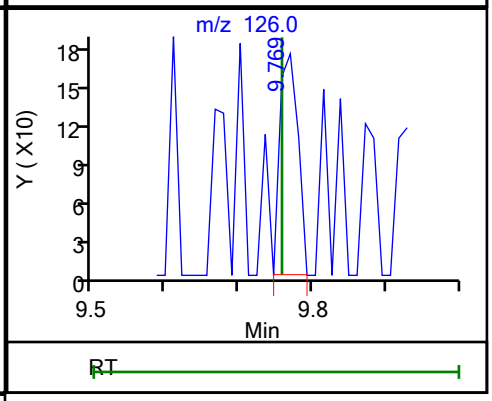
110 4-Chlorotoluene, CAS: 106-43-4

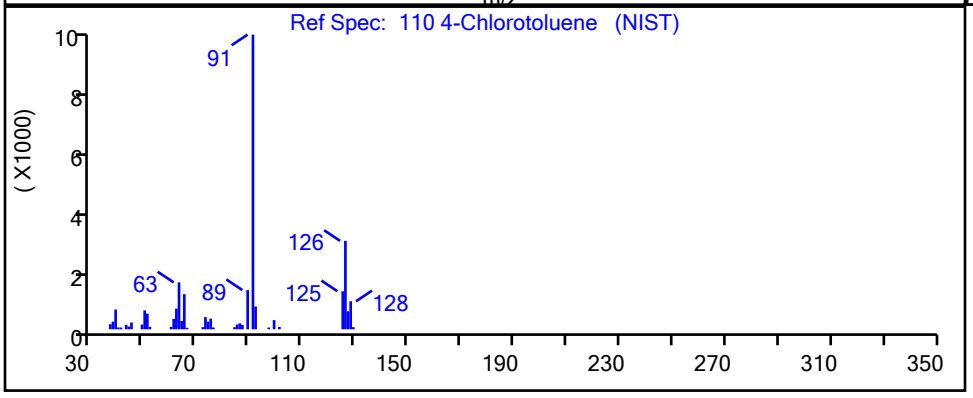
Processing Results











RT	Mass	Response	Amount
9.77	91.00	691	0.034231
9.77	126.00	291	

Reviewer: K0HS, 05-Jan-2024 07:43:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

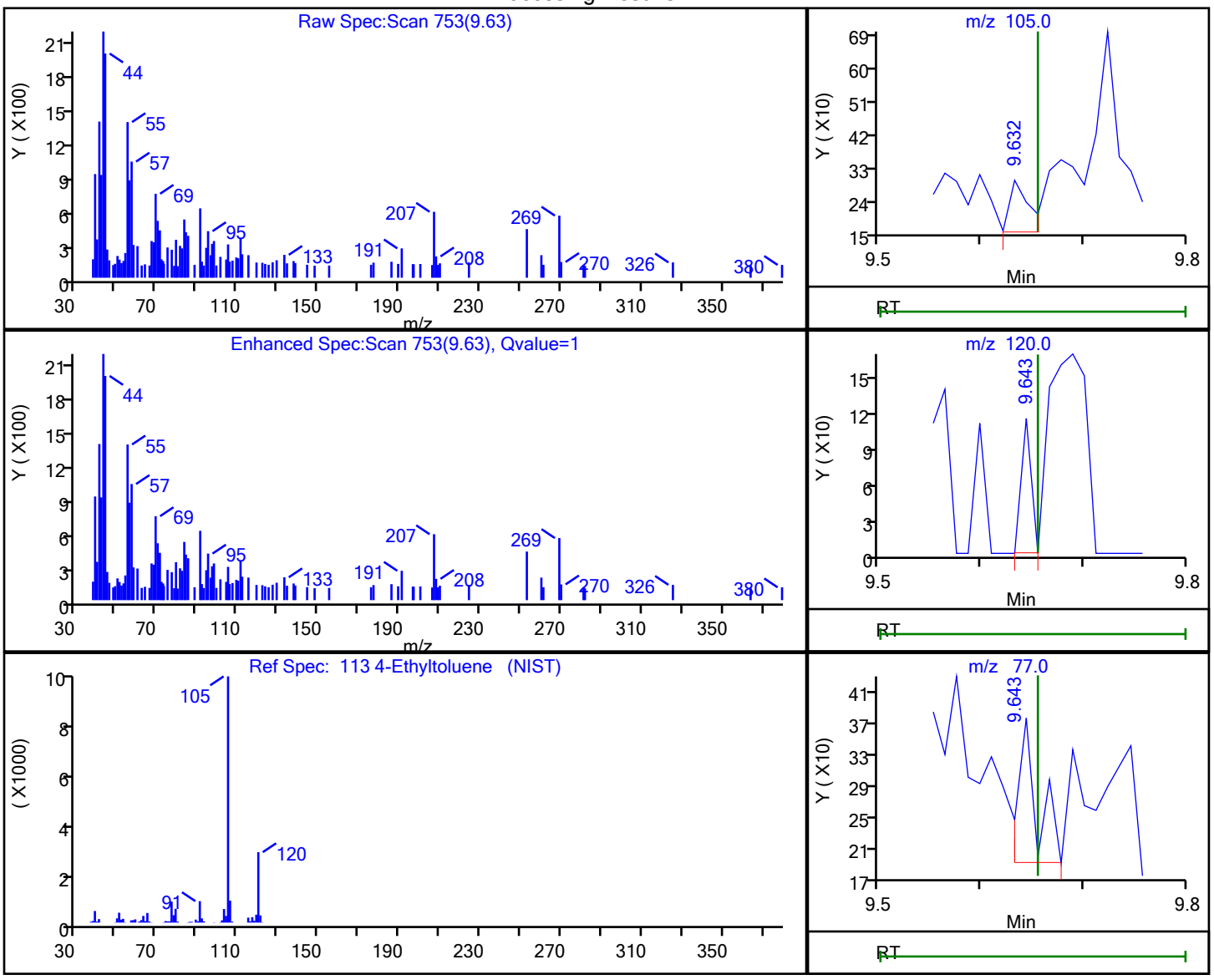
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

113 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
9.63	105.00	177	0.007128
9.64	120.00	76	
9.64	77.00	242	

Reviewer: K0HS, 05-Jan-2024 07:43:30 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

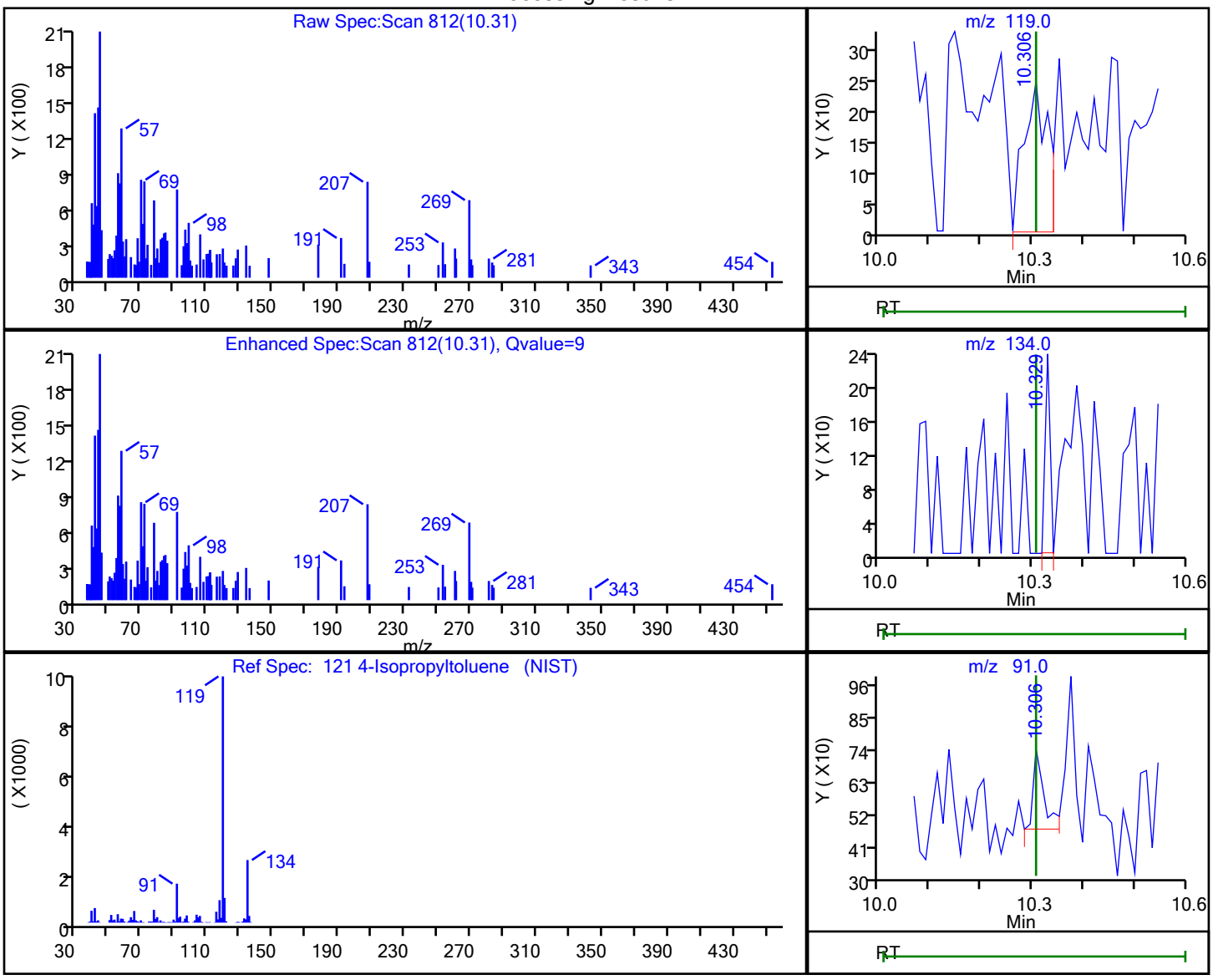
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.31	119.00	798	0.037548
10.33	134.00	165	
10.31	91.00	405	

Reviewer: K0HS, 05-Jan-2024 07:43:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

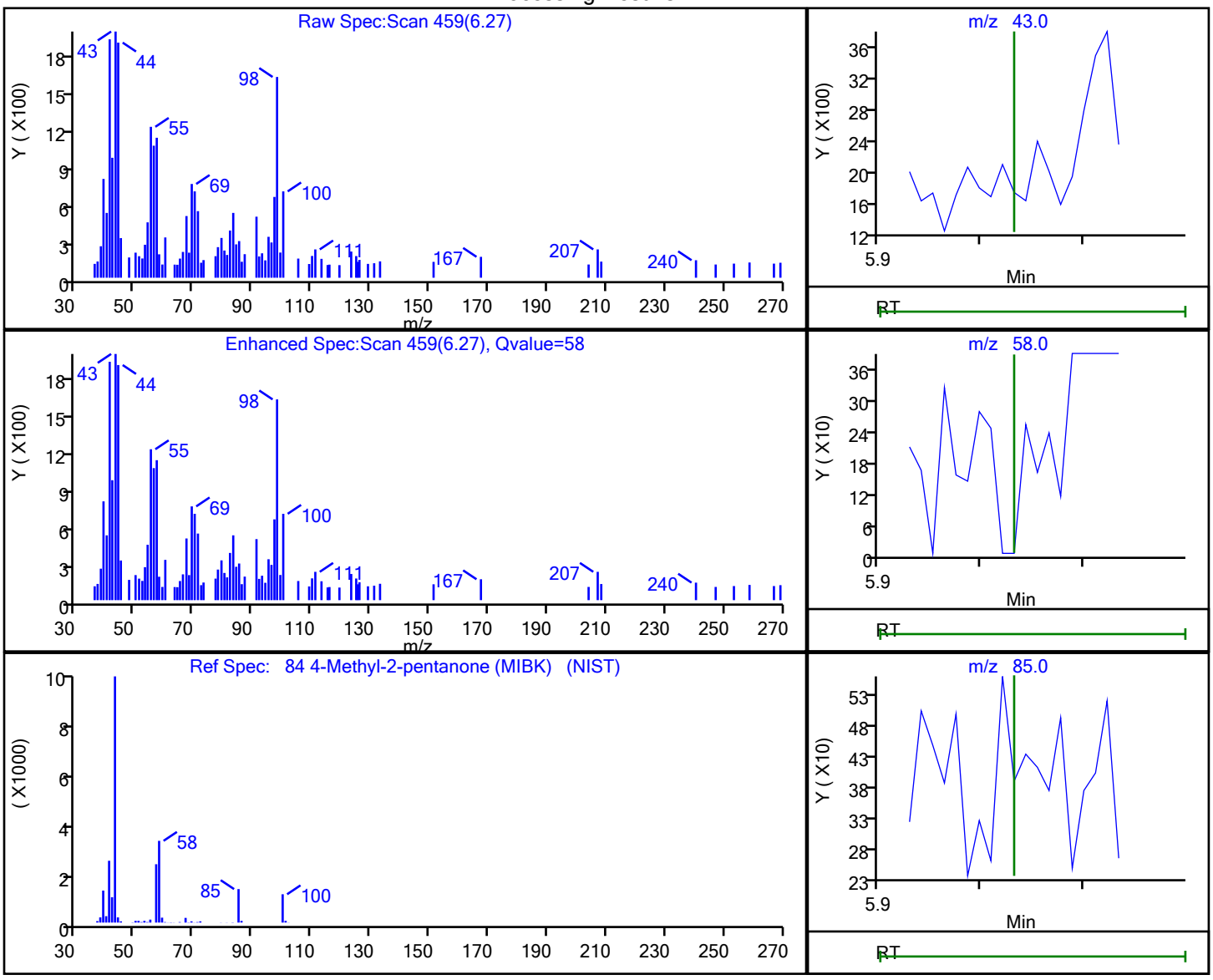
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.27	43.00	1044	0.194337
6.26	58.00	182	
6.26	85.00	472	
6.28	100.00	1308	

Reviewer: K0HS, 05-Jan-2024 07:42:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

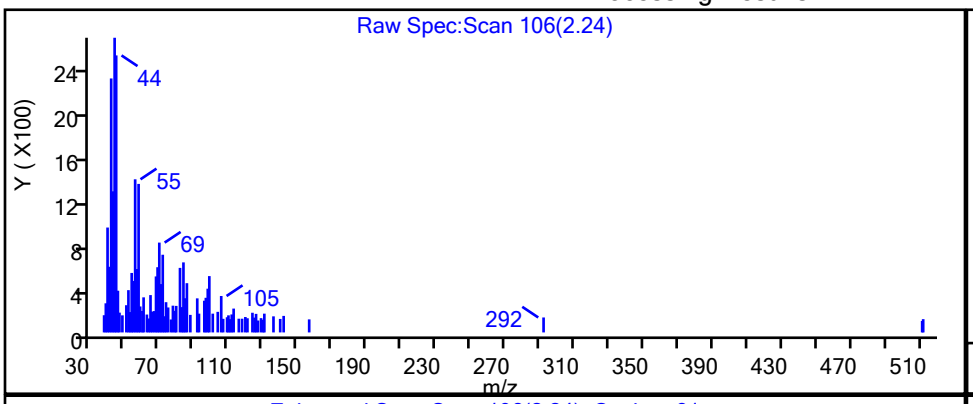
User Disabled Compound Report

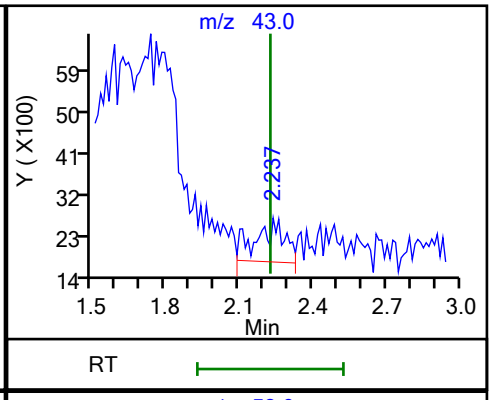
Eurofins Edison

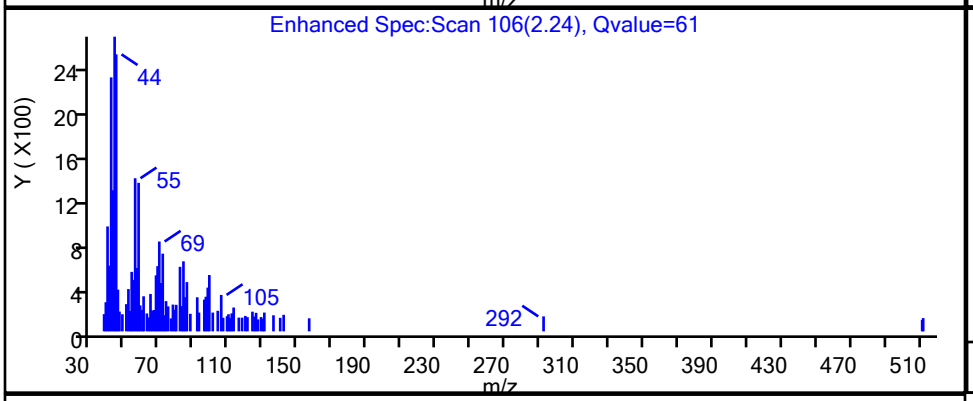
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

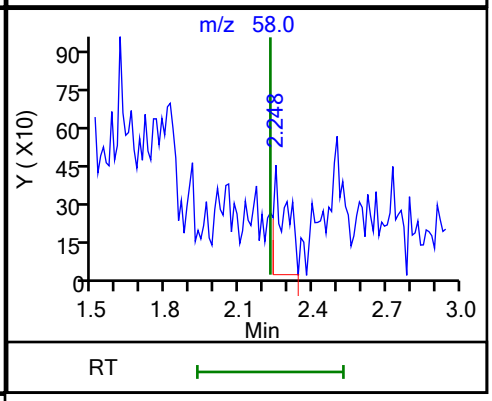
23 Acetone, CAS: 67-64-1

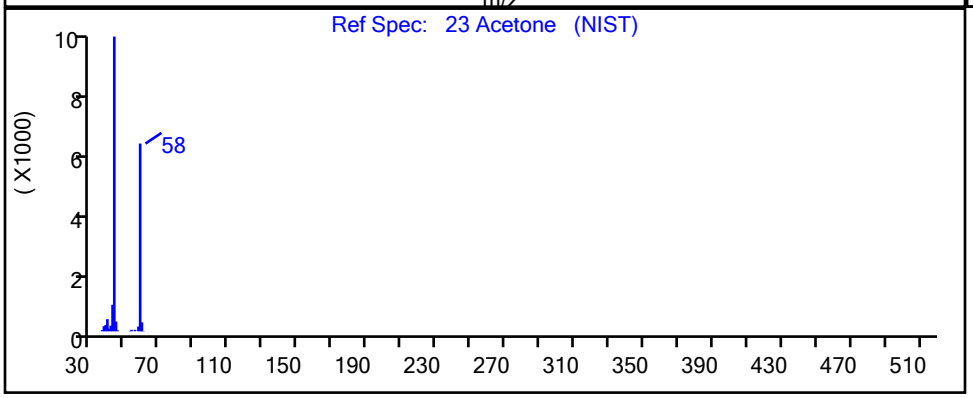
Processing Results











RT	Mass	Response	Amount
2.24	43.00	7735	7.043683
2.25	58.00	1558	

Reviewer: K0HS, 05-Jan-2024 07:40:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

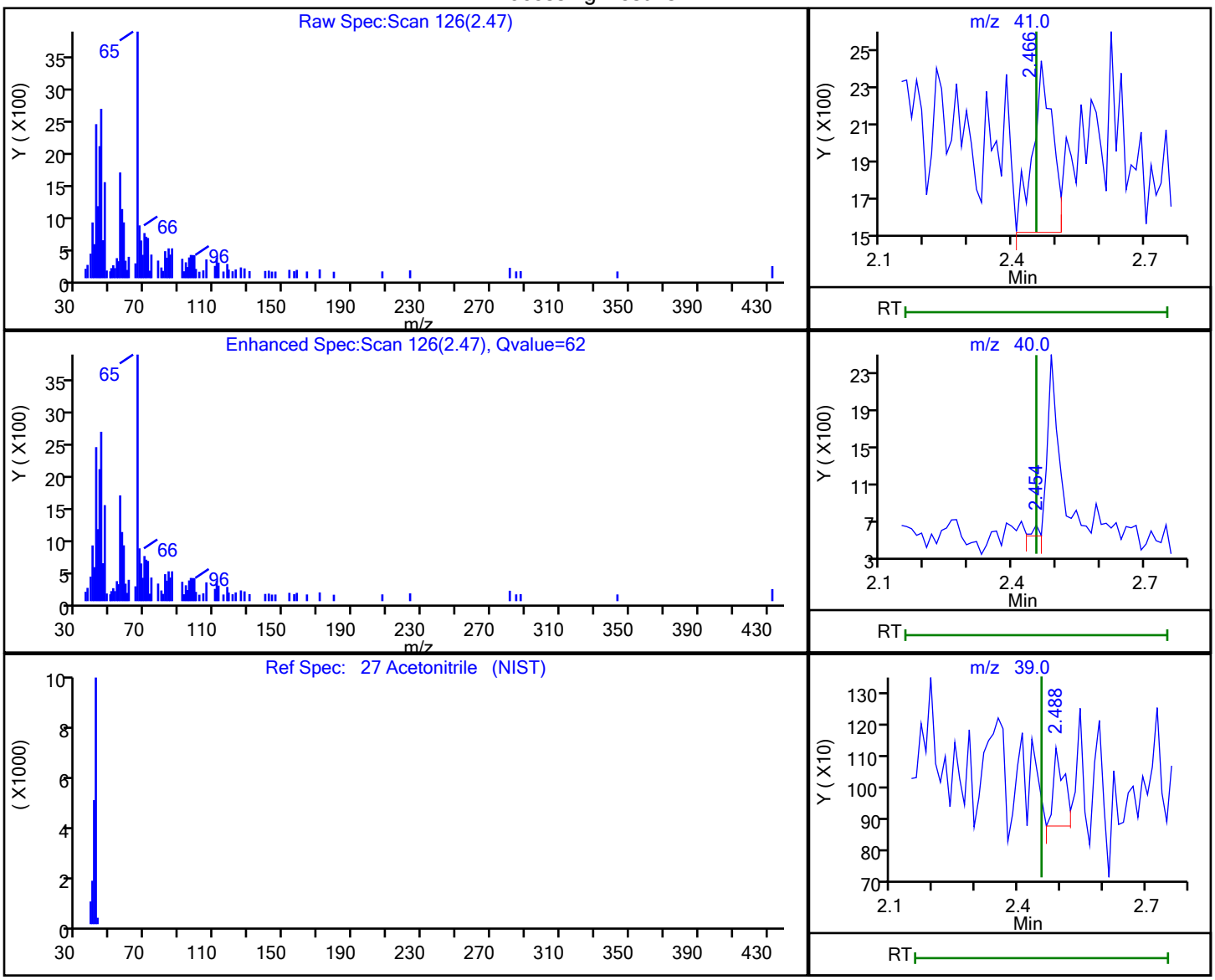
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.47	41.00	2811	3.719973
2.45	40.00	95	
2.49	39.00	447	
2.49	38.00	2159	

Reviewer: K0HS, 05-Jan-2024 07:41:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

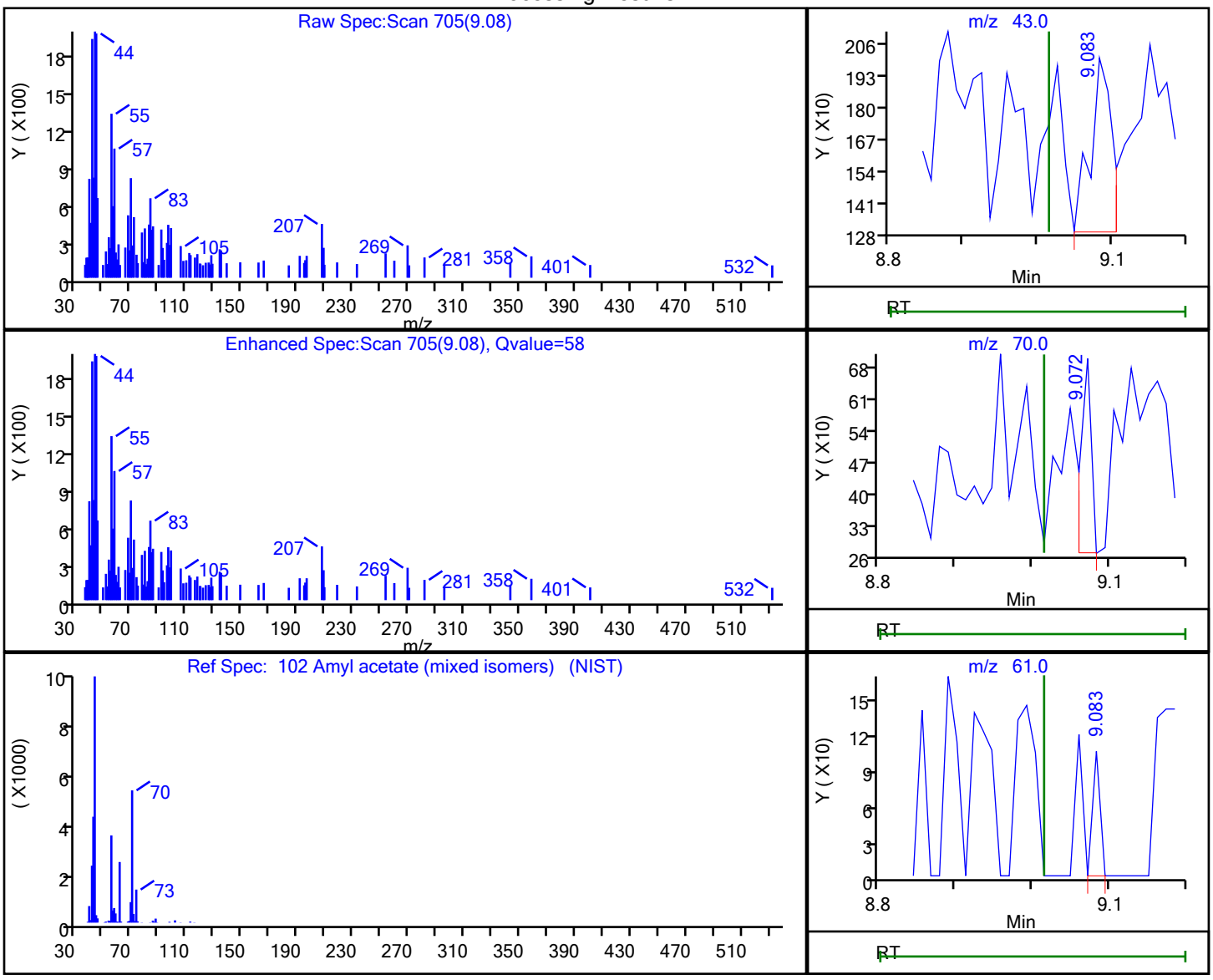
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.08	43.00	1426	0.137628
9.07	70.00	424	
9.08	61.00	71	

Reviewer: K0HS, 05-Jan-2024 07:43:09 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

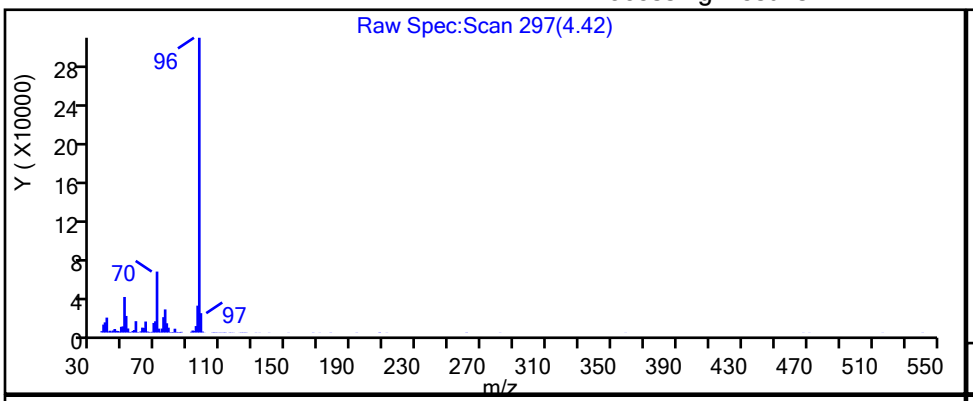
User Disabled Compound Report

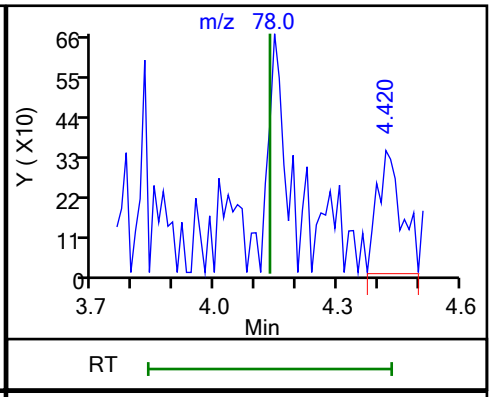
Eurofins Edison

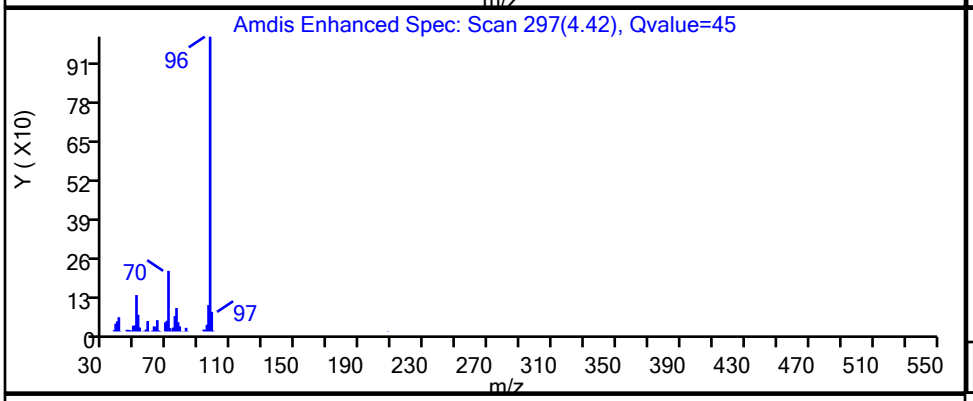
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

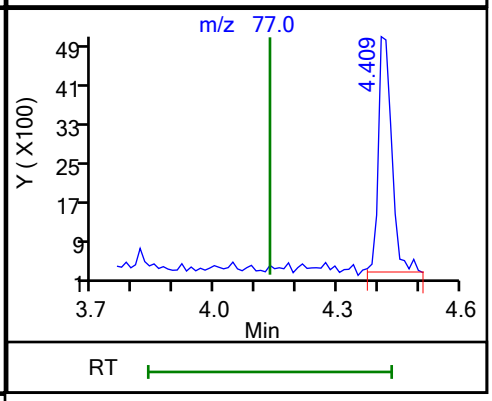
59 Benzene, CAS: 71-43-2

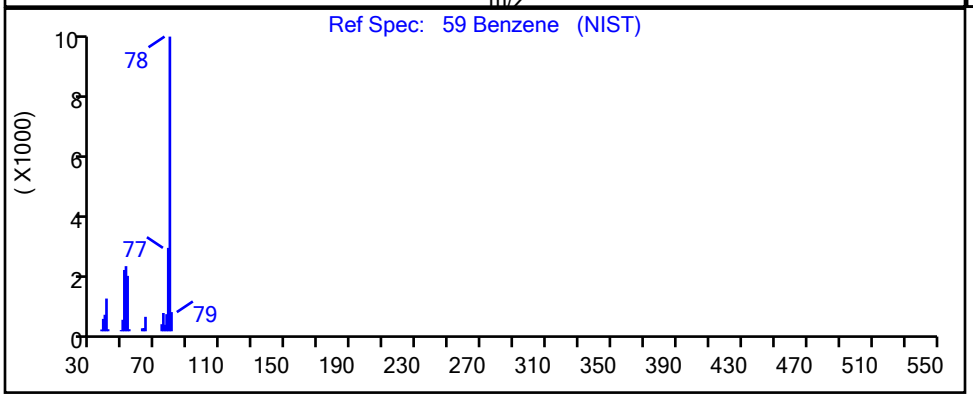
Processing Results











RT	Mass	Response	Amount
4.42	78.00	1383	0.052177
4.41	77.00	11255	

Reviewer: K0HS, 05-Jan-2024 07:41:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

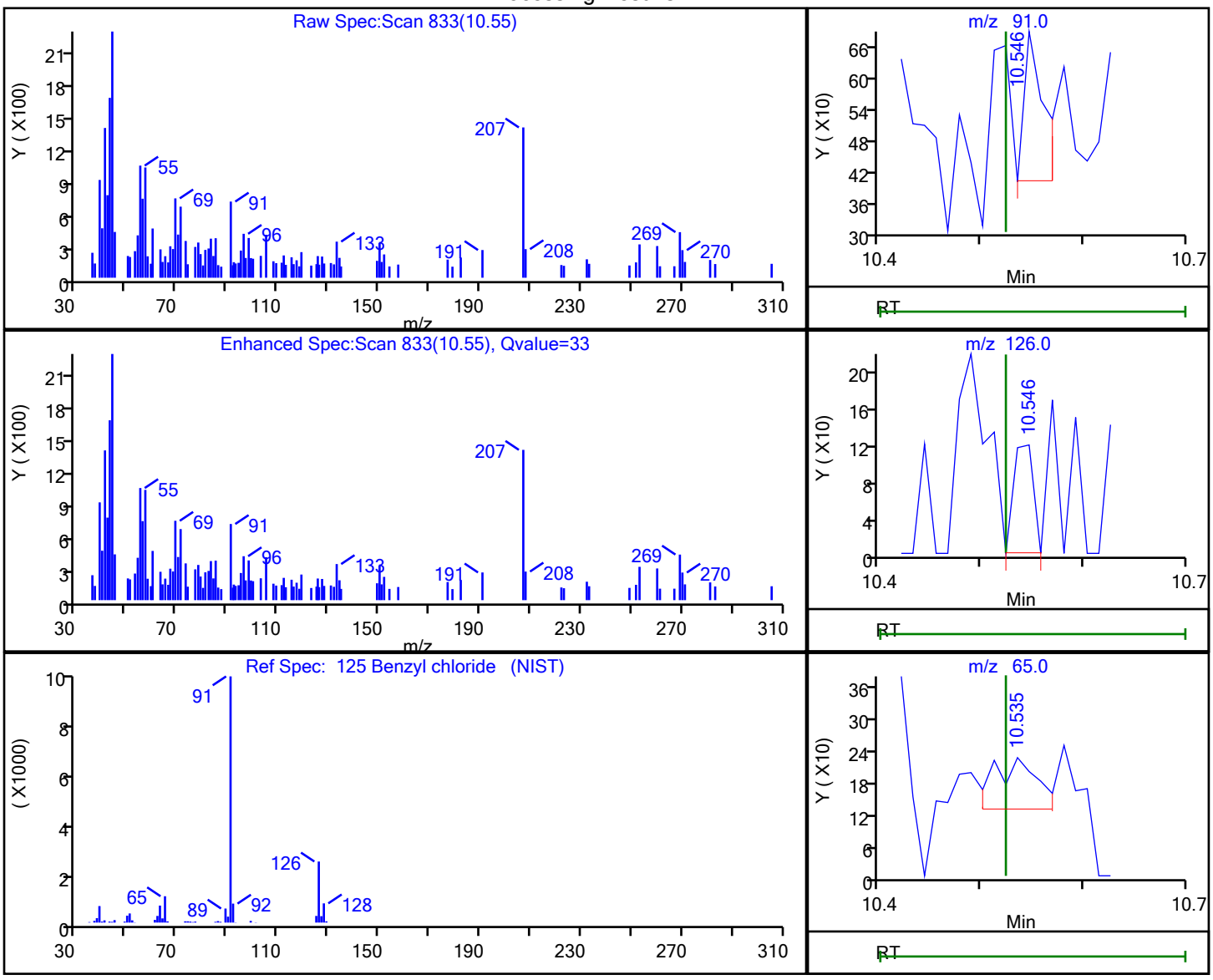
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

125 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.55	91.00	390	0.030653
10.55	126.00	160	
10.53	65.00	290	

Reviewer: K0HS, 05-Jan-2024 07:43:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

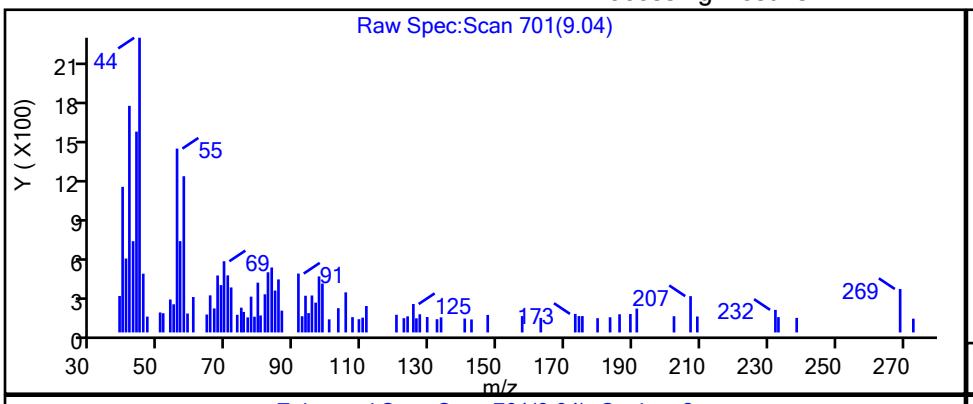
User Disabled Compound Report

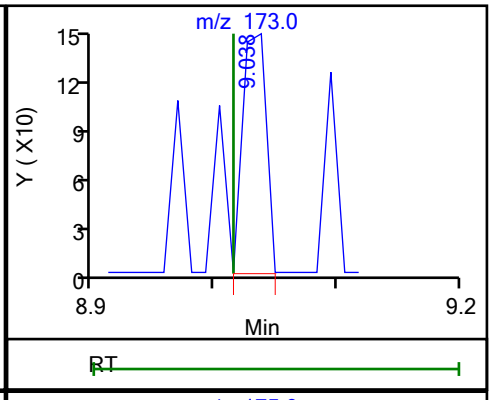
Eurofins Edison

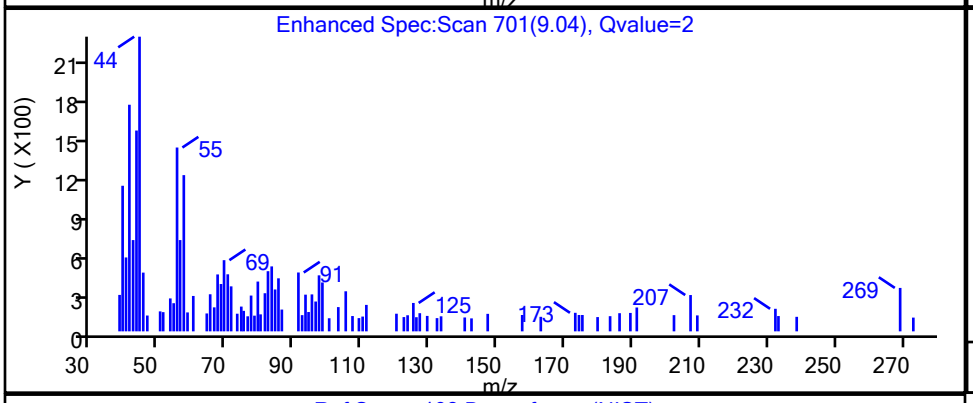
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

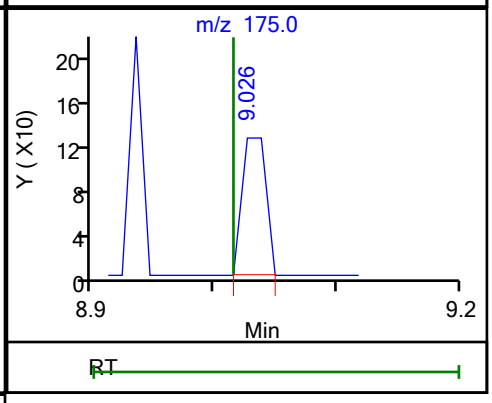
103 Bromoform, CAS: 75-25-2

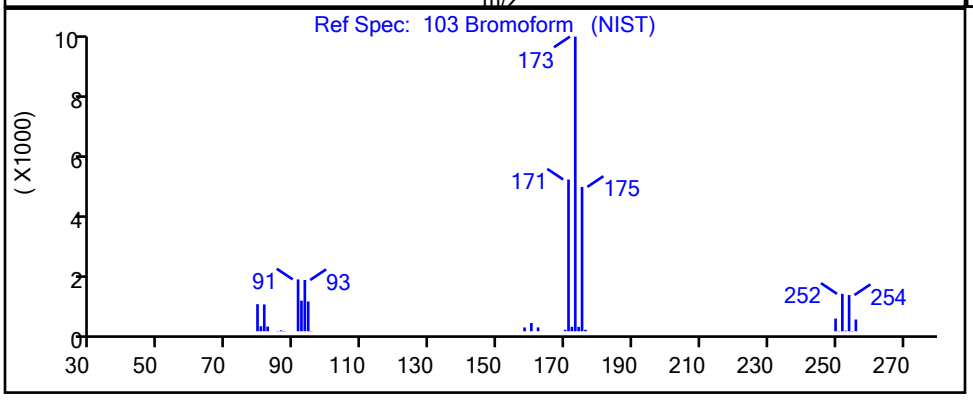
Processing Results











RT	Mass	Response	Amount
9.04	173.00	193	0.051382
9.03	175.00	173	

Reviewer: K0HS, 05-Jan-2024 07:43:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

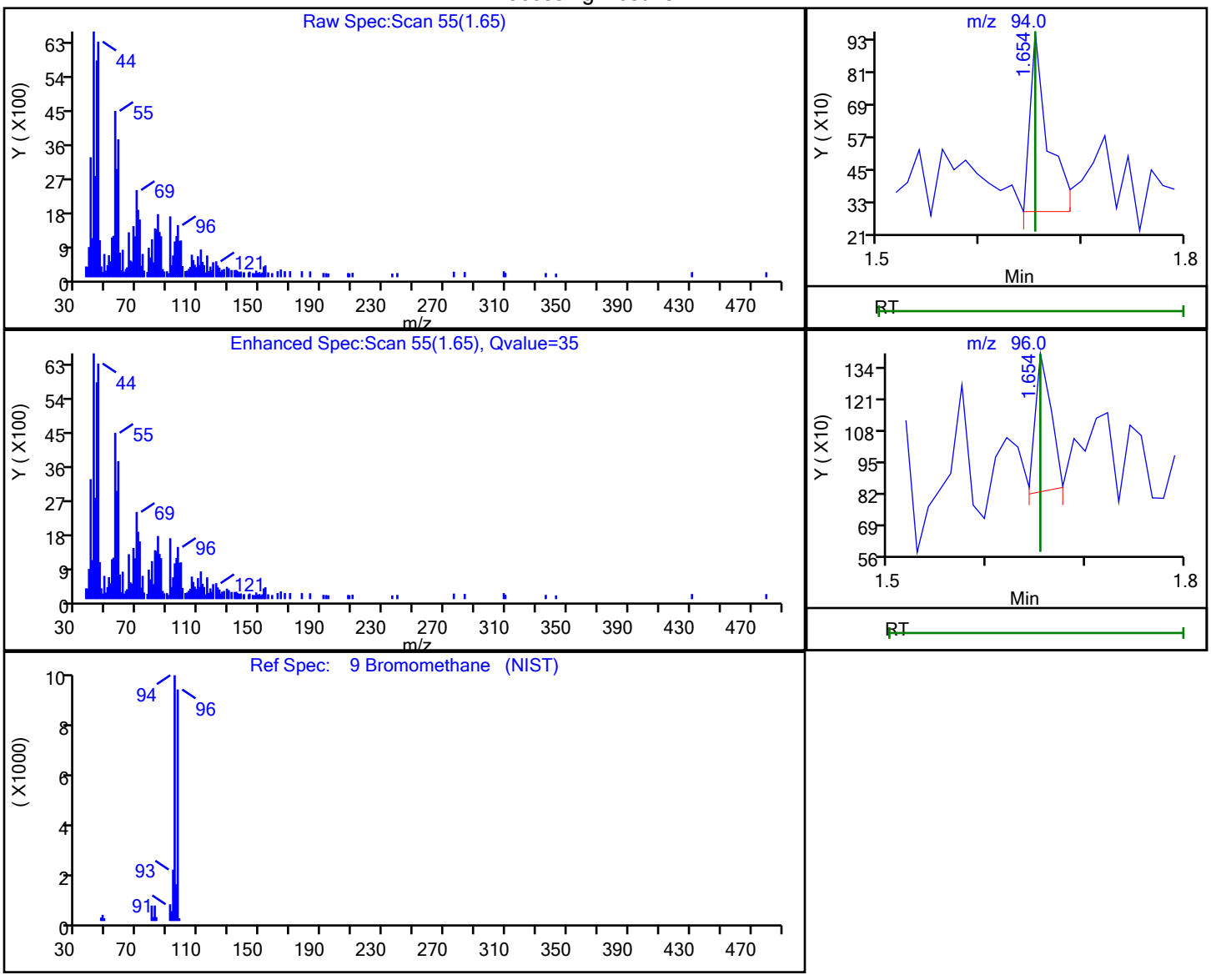
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.65	94.00	821	0.230971
1.65	96.00	642	

Reviewer: K0HS, 05-Jan-2024 07:40:28 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

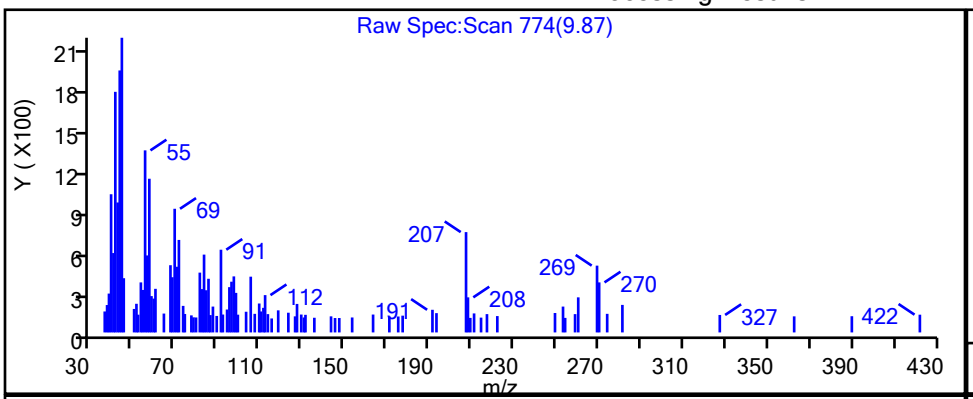
User Disabled Compound Report

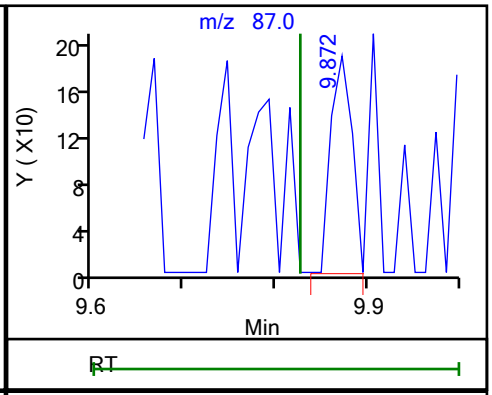
Eurofins Edison

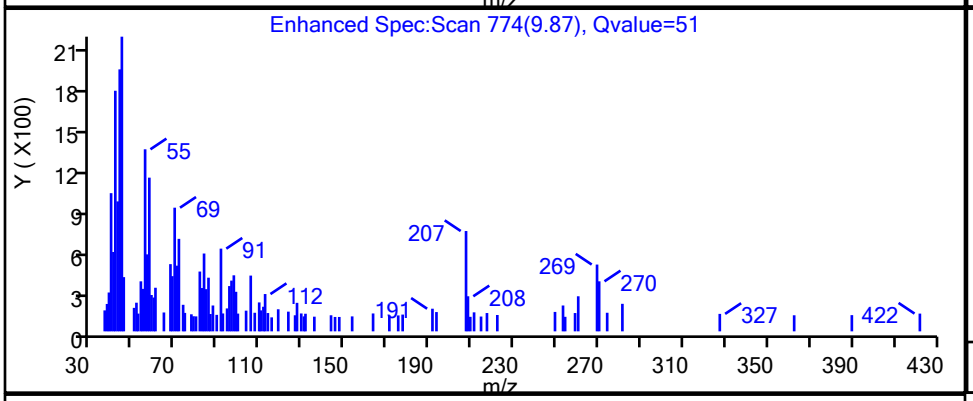
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

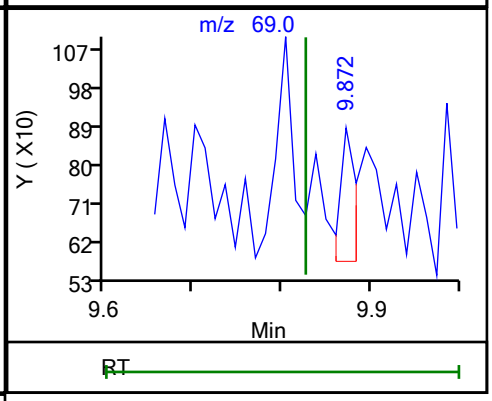
117 Butyl Methacrylate, CAS: 97-88-1

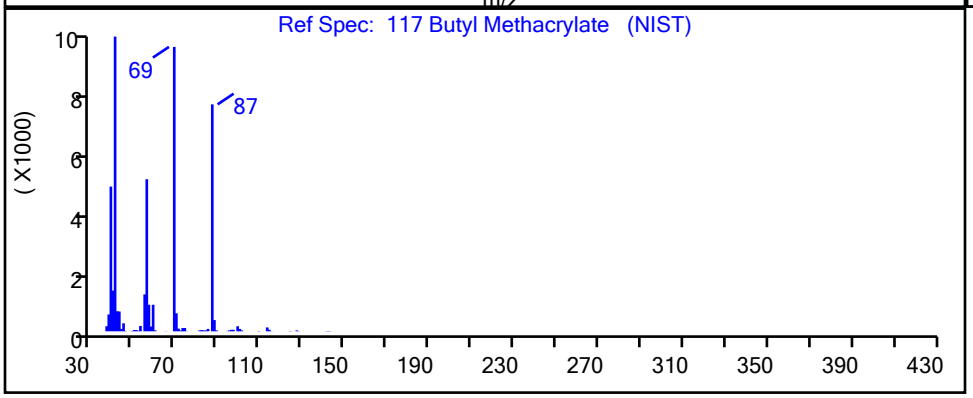
Processing Results











RT	Mass	Response	Amount
9.87	87.00	300	0.041368
9.87	69.00	378	

Reviewer: K0HS, 05-Jan-2024 07:43:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

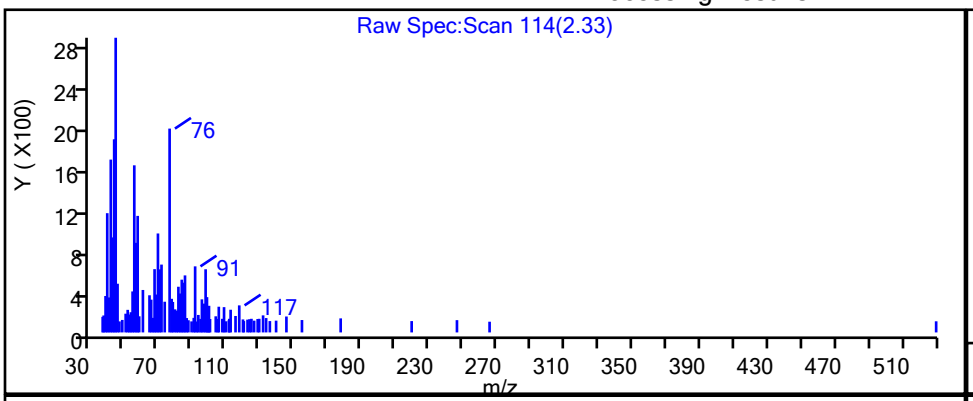
User Disabled Compound Report

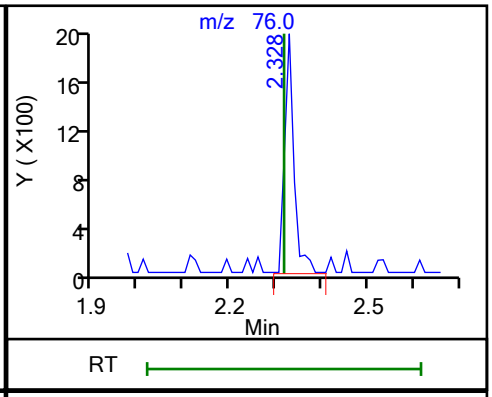
Eurofins Edison

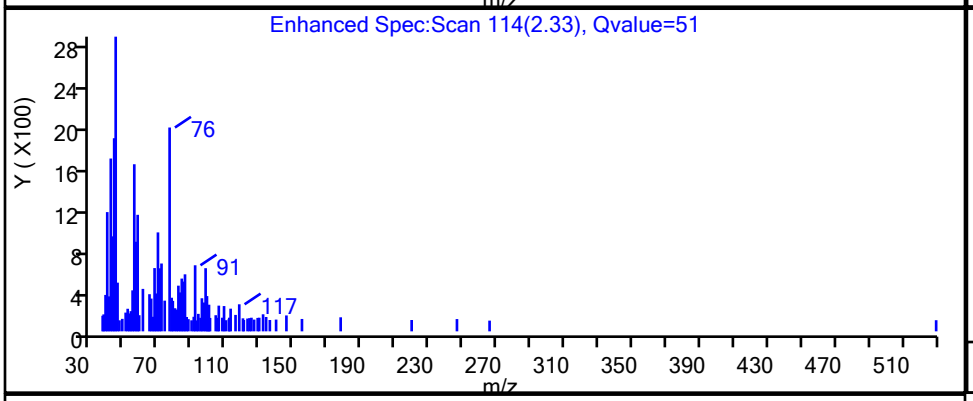
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

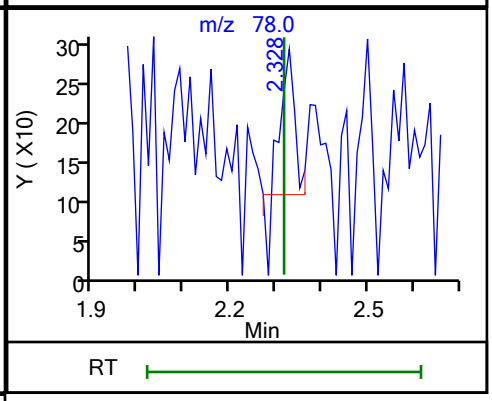
22 Carbon disulfide, CAS: 75-15-0

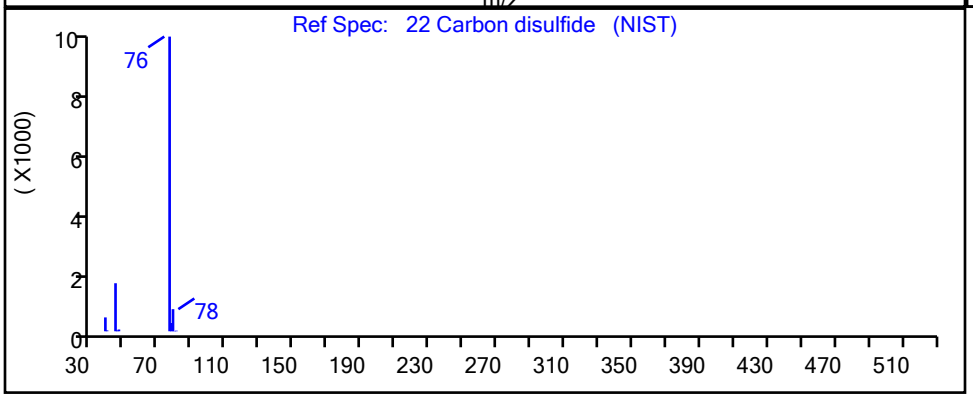
Processing Results











RT	Mass	Response	Amount
2.33	76.00	2743	0.222701
2.33	78.00	345	

Reviewer: K0HS, 05-Jan-2024 07:40:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

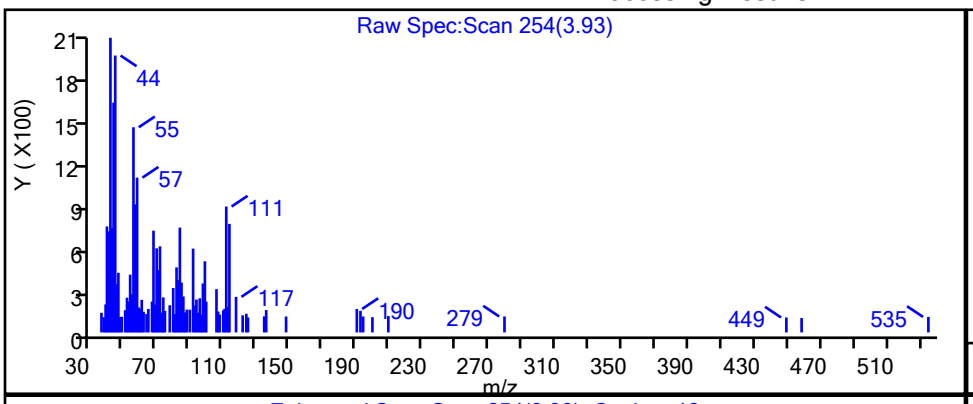
User Disabled Compound Report

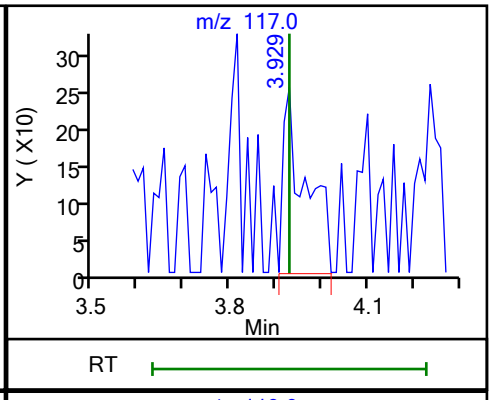
Eurofins Edison

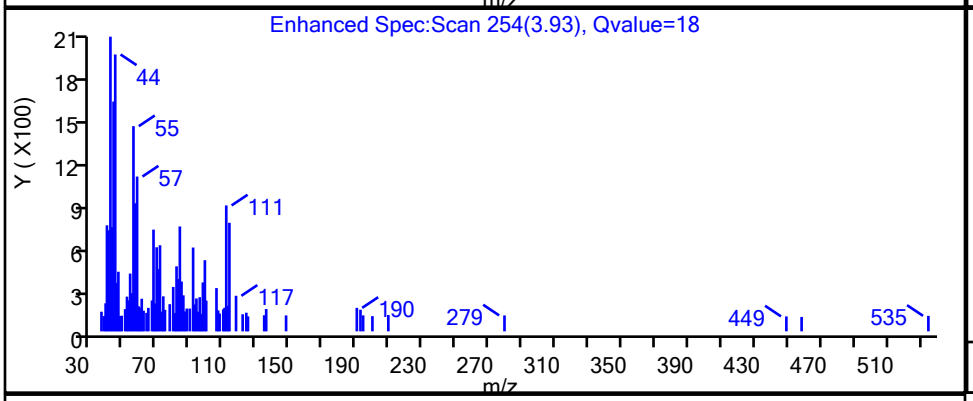
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

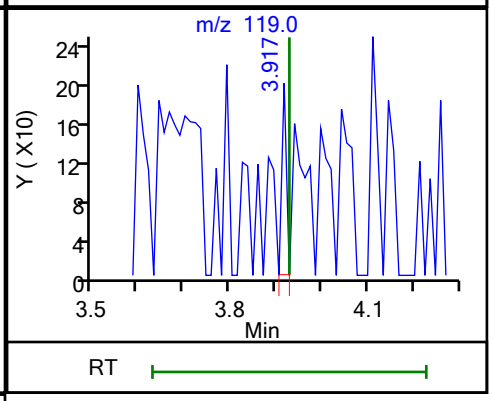
57 Carbon tetrachloride, CAS: 56-23-5

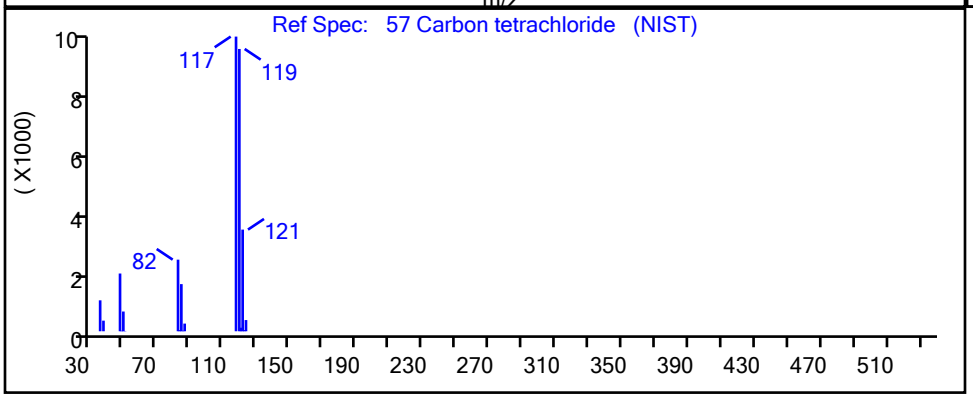
Processing Results











RT	Mass	Response	Amount
3.93	117.00	847	0.103970
3.92	119.00	136	

Reviewer: K0HS, 05-Jan-2024 07:41:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

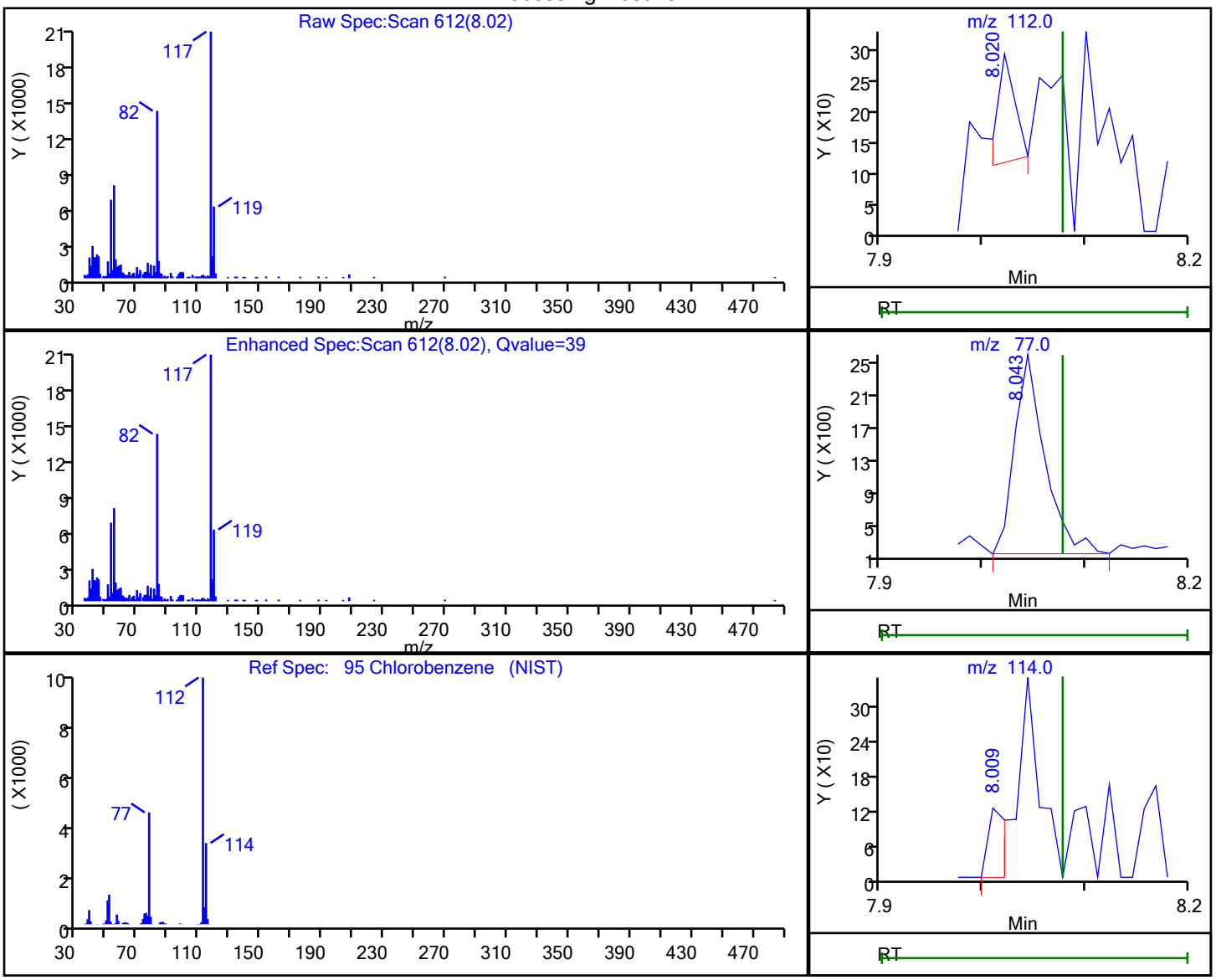
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
8.02	112.00	207	0.012975
8.04	77.00	5047	
8.01	114.00	151	

Reviewer: K0HS, 05-Jan-2024 07:42:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

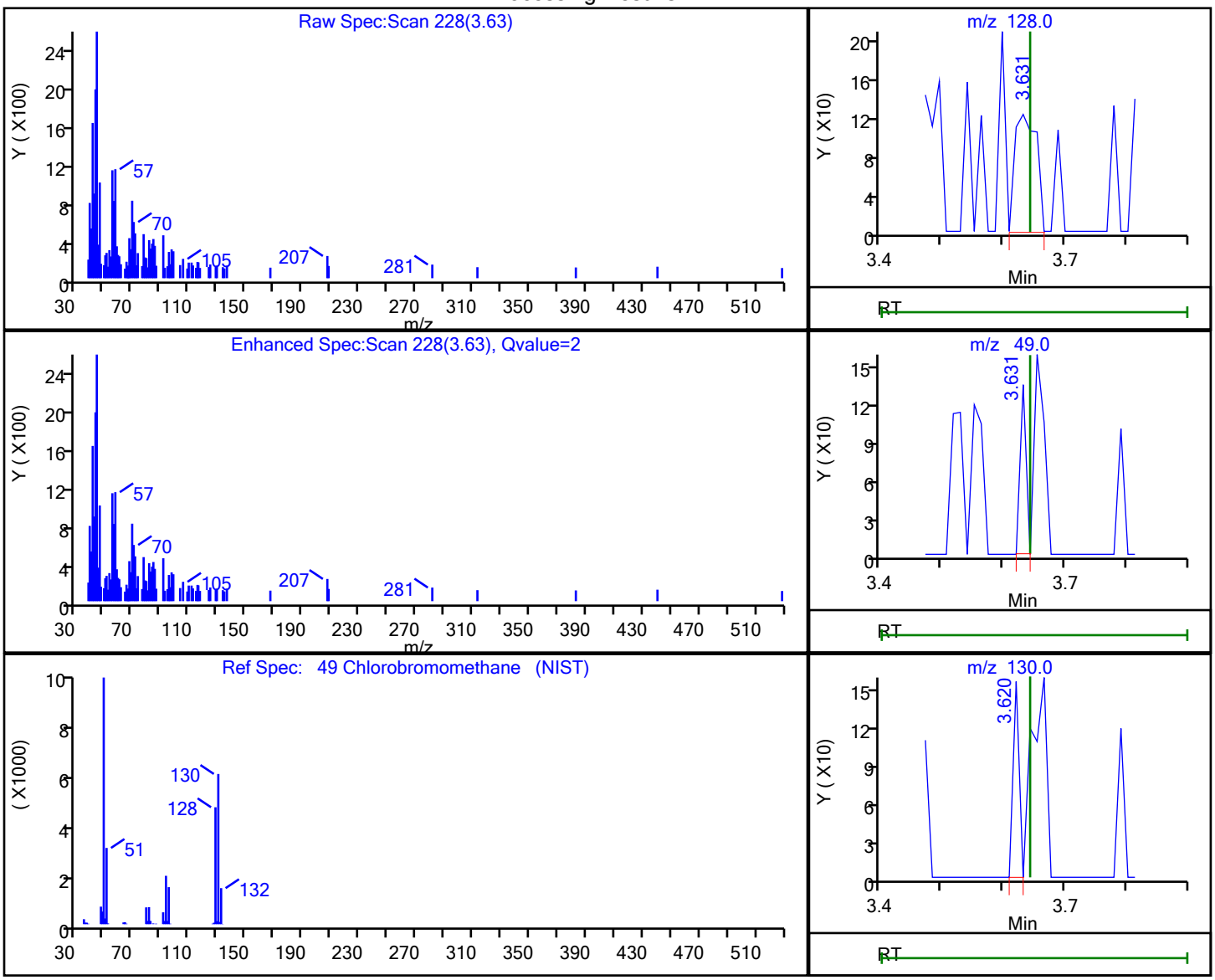
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

49 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.63	128.00	296	0.101397
3.63	49.00	93	
3.62	130.00	103	

Reviewer: K0HS, 05-Jan-2024 07:41:40 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

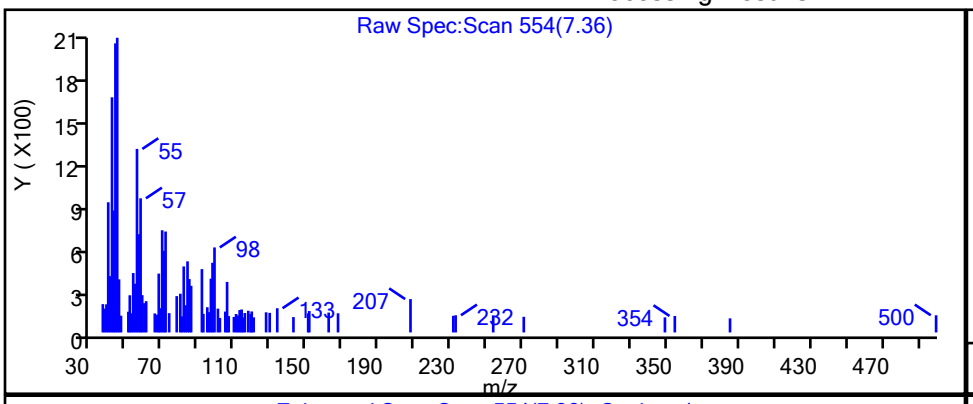
User Disabled Compound Report

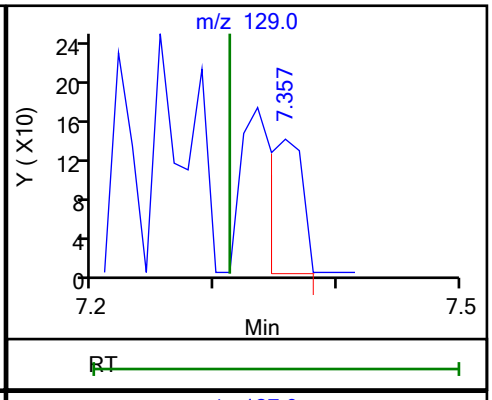
Eurofins Edison

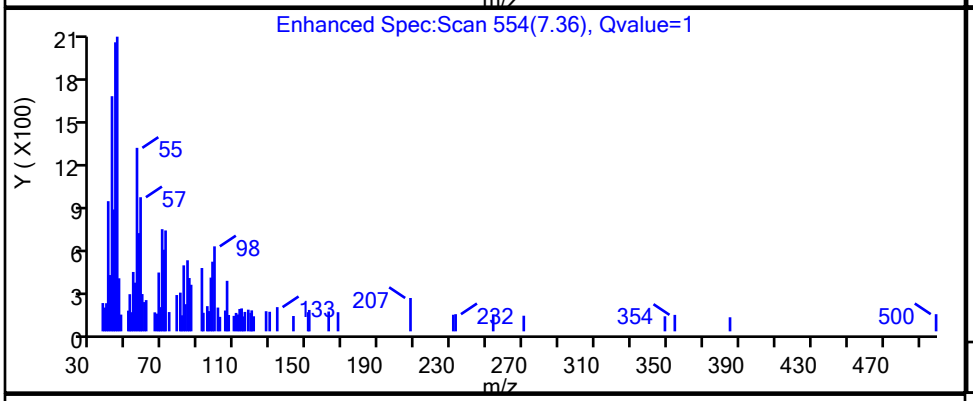
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

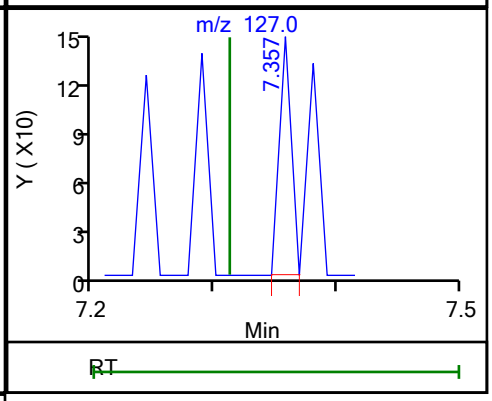
90 Chlorodibromomethane, CAS: 124-48-1

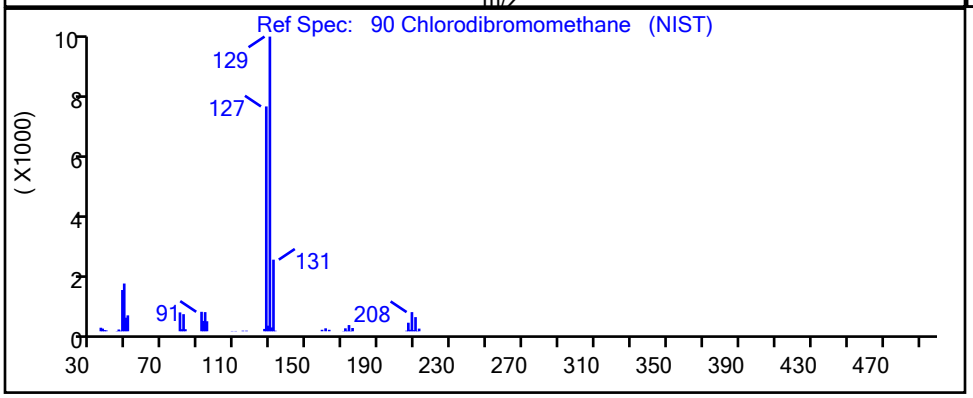
Processing Results











RT	Mass	Response	Amount
7.36	129.00	268	0.046232
7.36	127.00	98	

Reviewer: K0HS, 05-Jan-2024 07:42:52 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

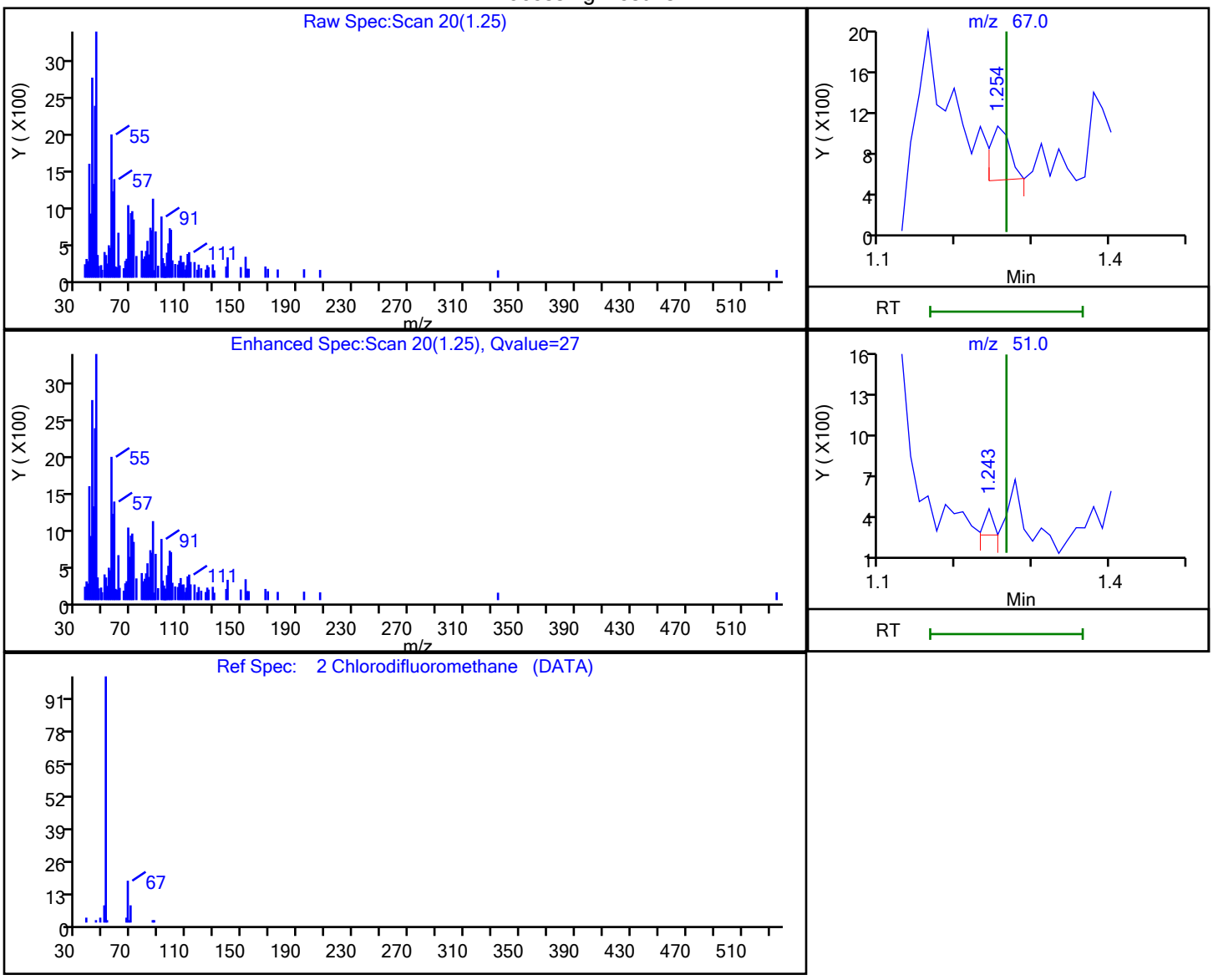
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

2 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.25	67.00	942	0.766122
1.24	51.00	139	

Reviewer: K0HS, 05-Jan-2024 07:40:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

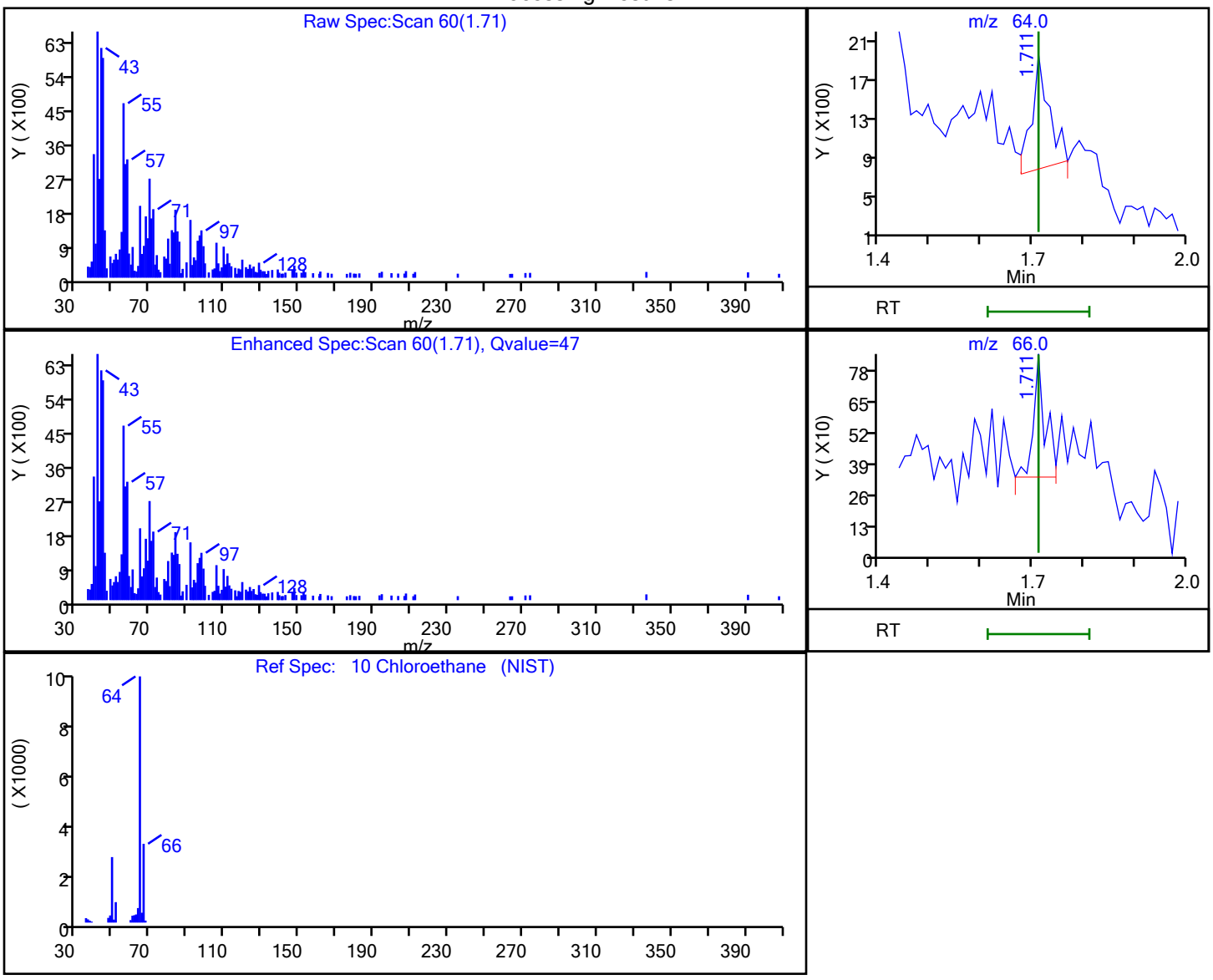
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.71	64.00	2671	0.516709
1.71	66.00	841	

Reviewer: K0HS, 05-Jan-2024 07:40:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

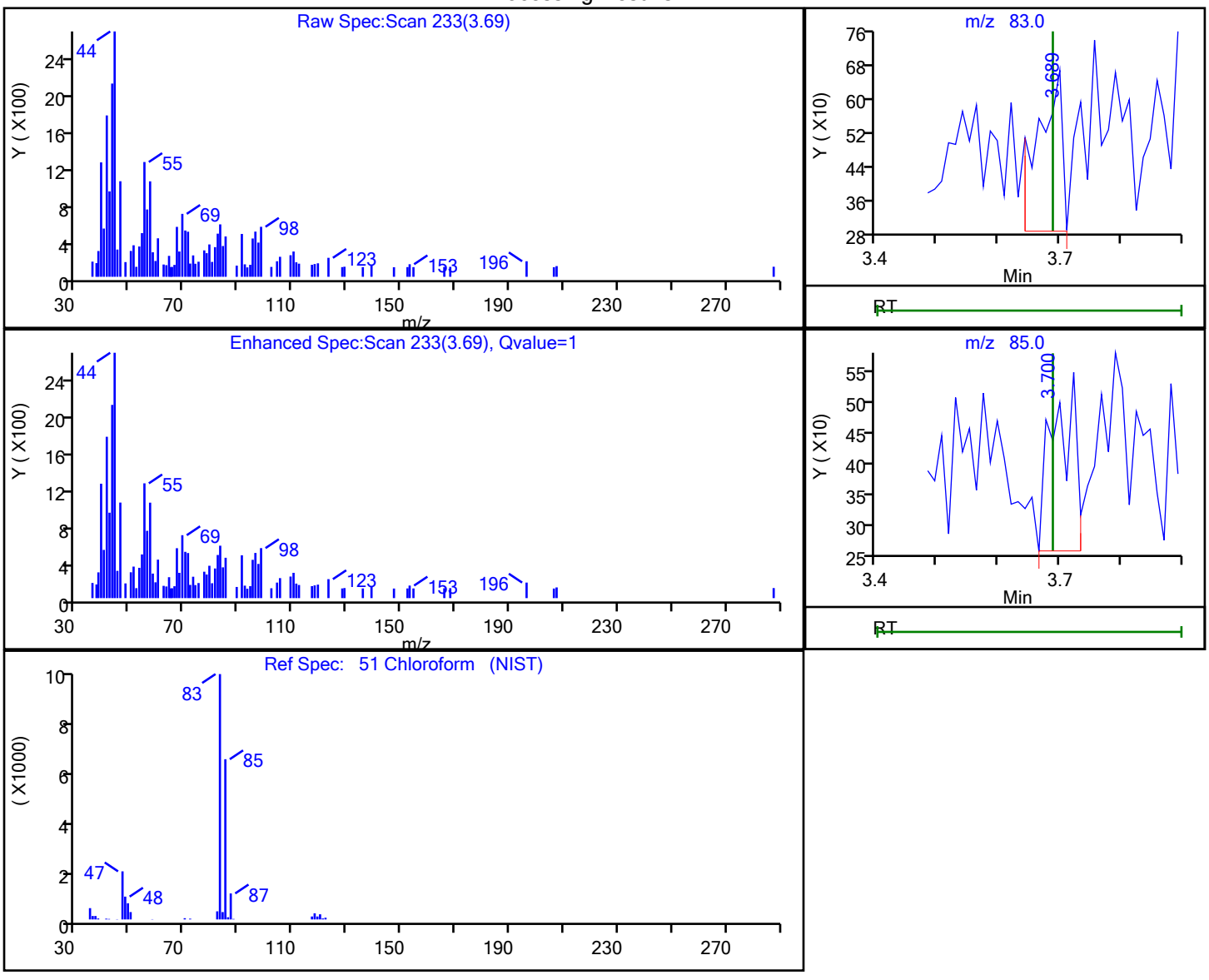
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

51 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.69	83.00	1053	0.097704
3.70	85.00	737	

Reviewer: K0HS, 05-Jan-2024 07:41:47 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

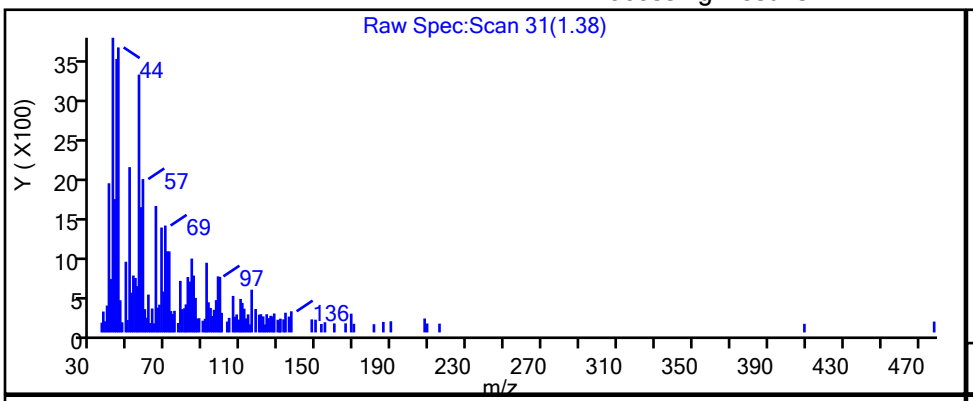
User Disabled Compound Report

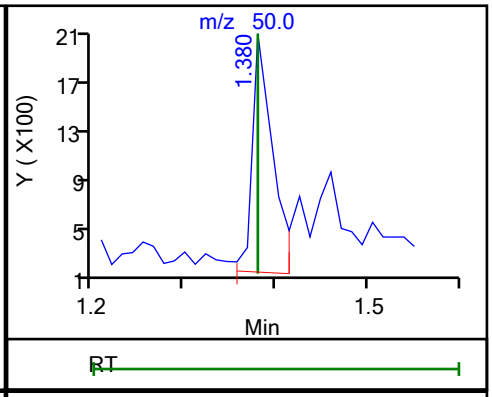
Eurofins Edison

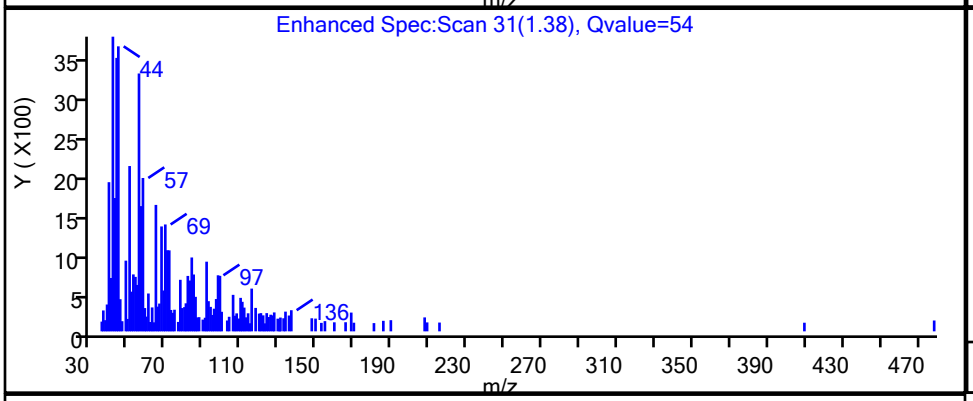
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

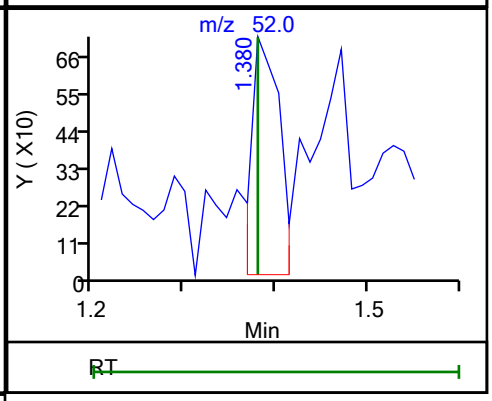
6 Chloromethane, CAS: 74-87-3

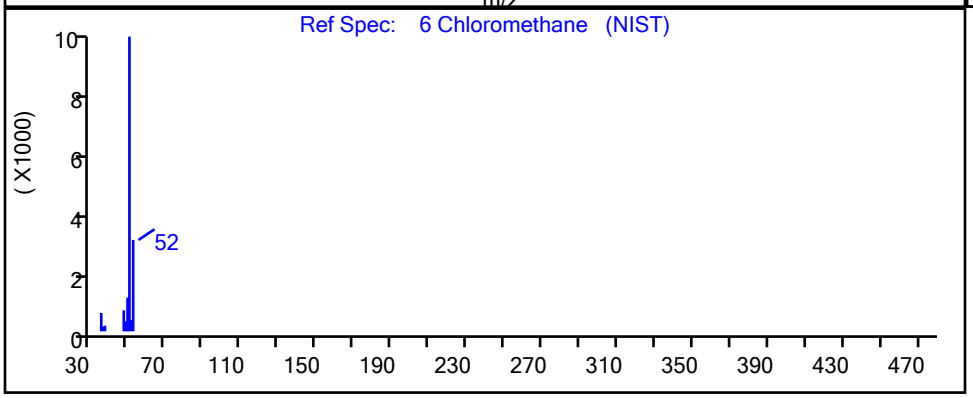
Processing Results











RT	Mass	Response	Amount
1.38	50.00	3114	0.336417
1.38	52.00	1560	

Reviewer: K0HS, 05-Jan-2024 07:40:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

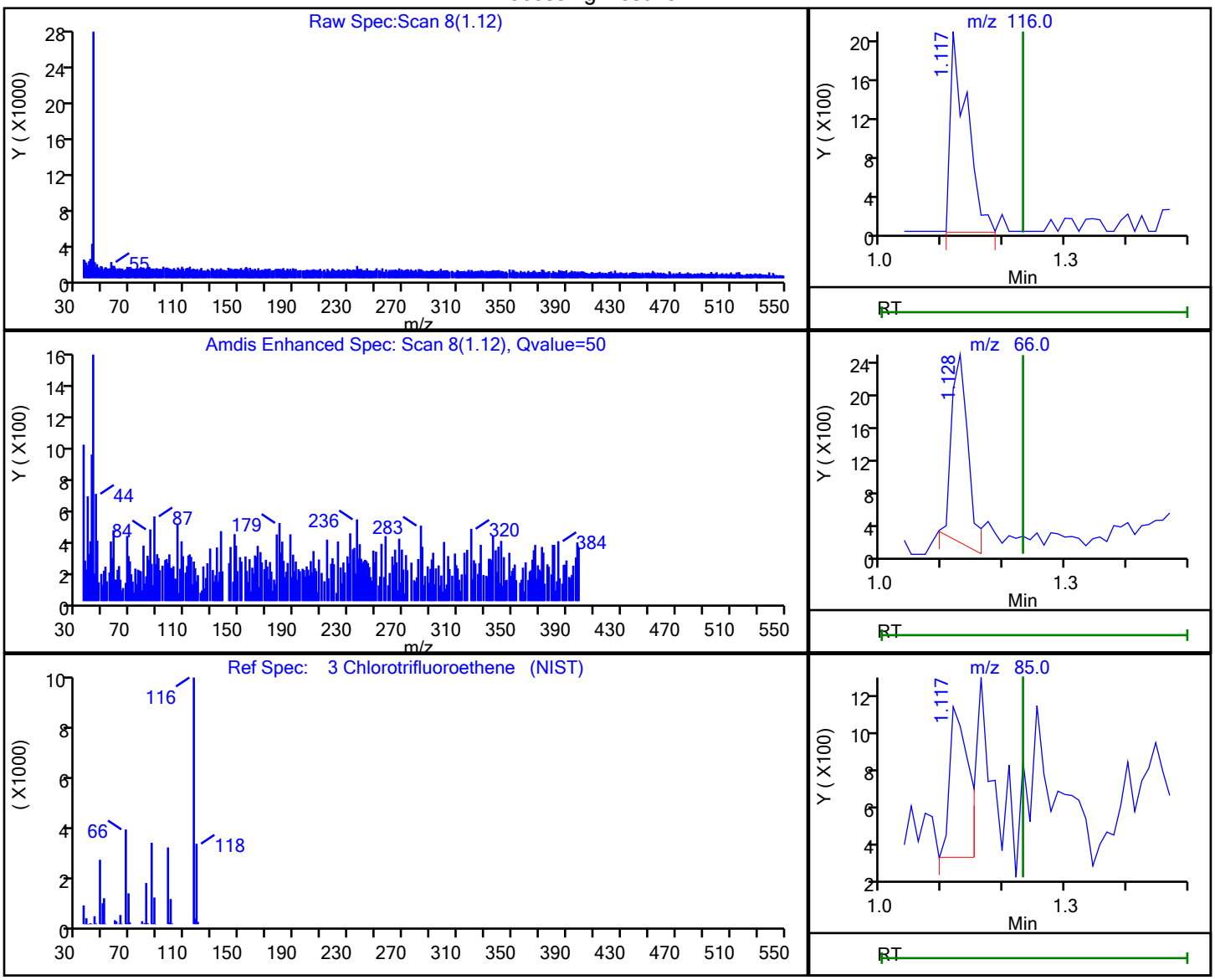
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.12	116.00	3874	3.330496
1.13	66.00	4309	
1.12	85.00	1653	
1.12	118.00	3994	

Reviewer: K0HS, 05-Jan-2024 07:40:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

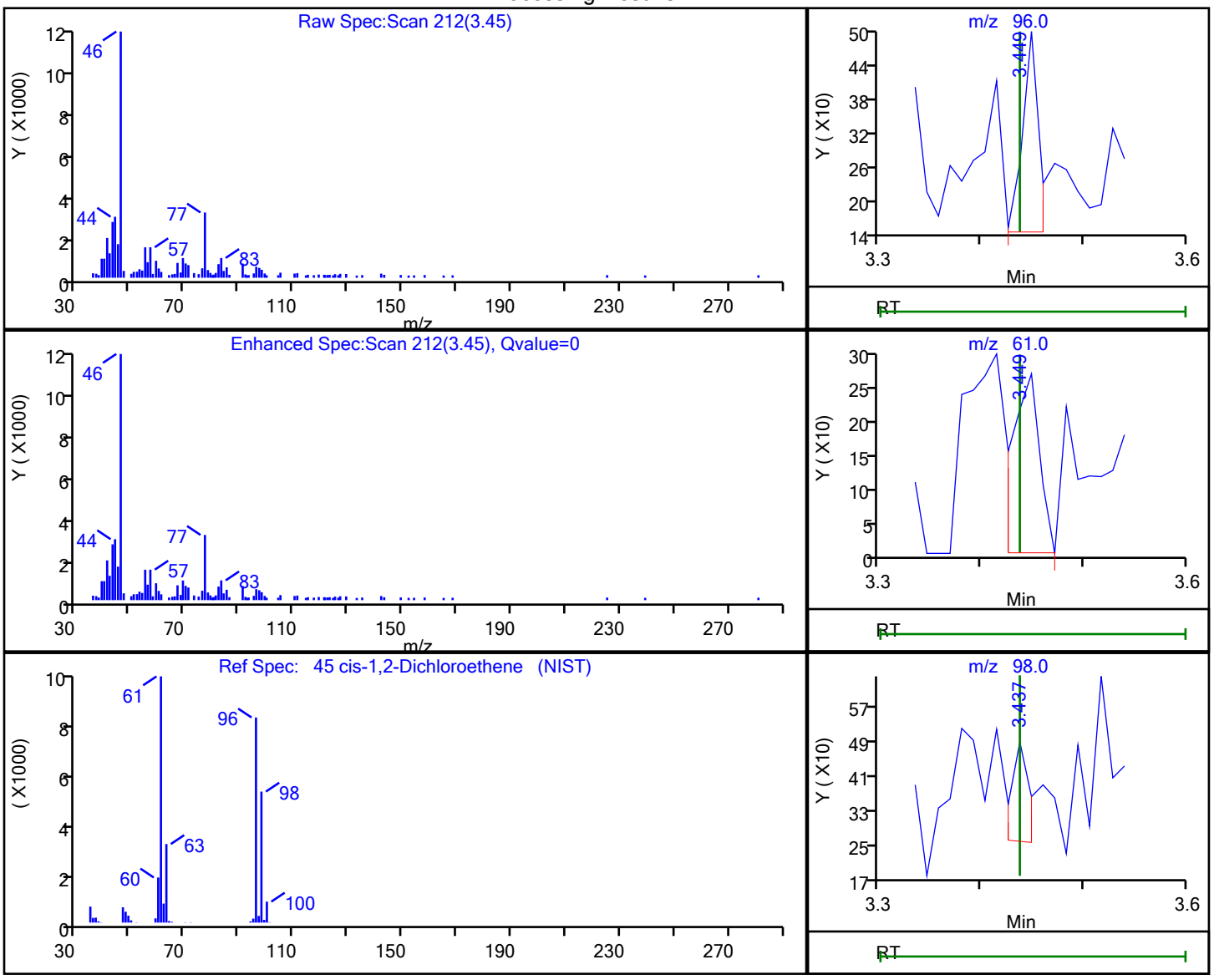
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results



RT	Mass	Response	Amount
3.45	96.00	381	0.059302
3.45	61.00	494	
3.44	98.00	287	

Reviewer: K0HS, 05-Jan-2024 07:41:34 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

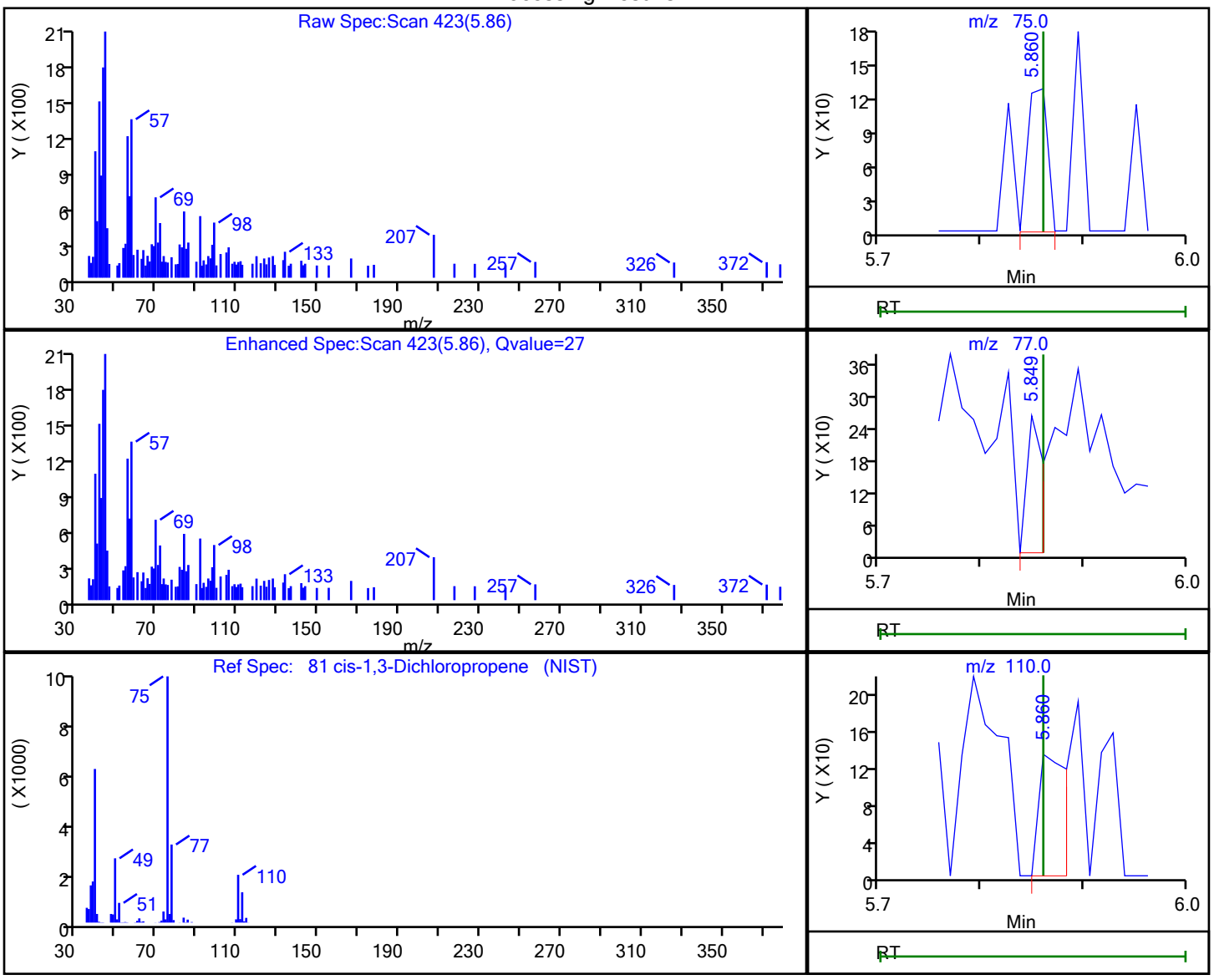
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.86	75.00	171	0.015988
5.85	77.00	296	
5.86	110.00	252	

Reviewer: K0HS, 05-Jan-2024 07:42:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

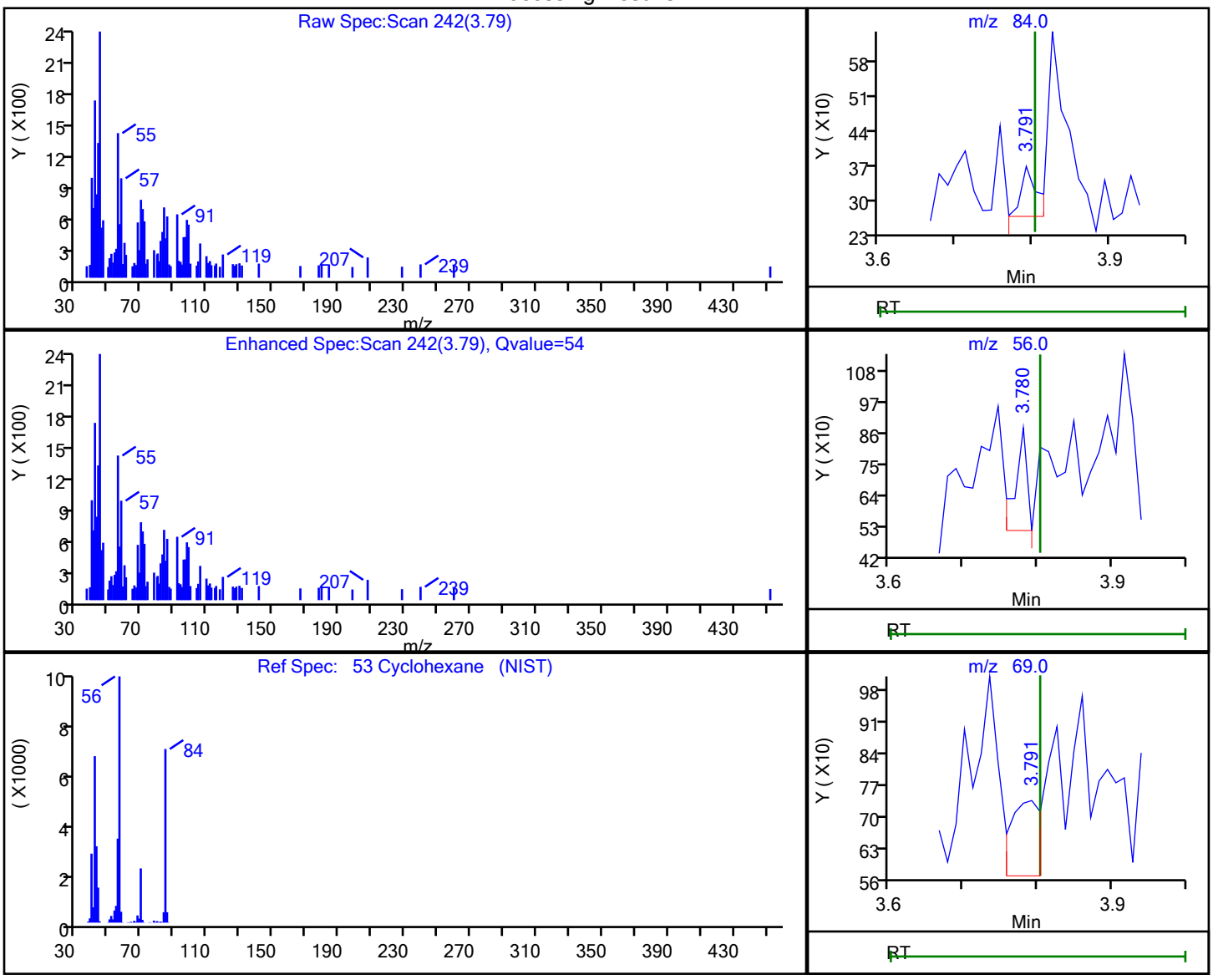
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.79	84.00	142	0.018690
3.78	56.00	409	
3.79	69.00	487	

Reviewer: K0HS, 05-Jan-2024 07:41:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

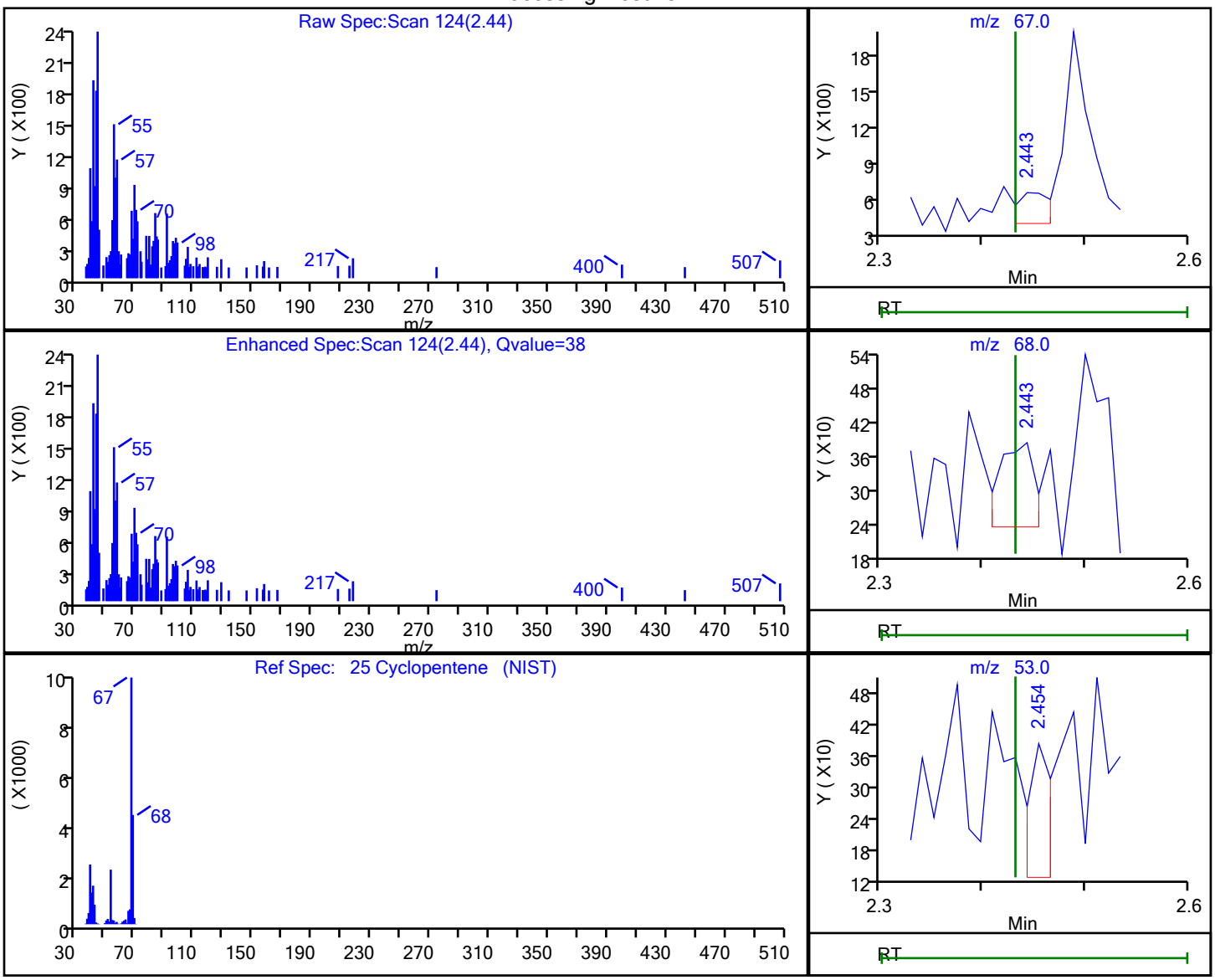
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

25 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.44	67.00	587	0.044700
2.44	68.00	362	
2.45	53.00	400	

Reviewer: K0HS, 05-Jan-2024 07:41:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

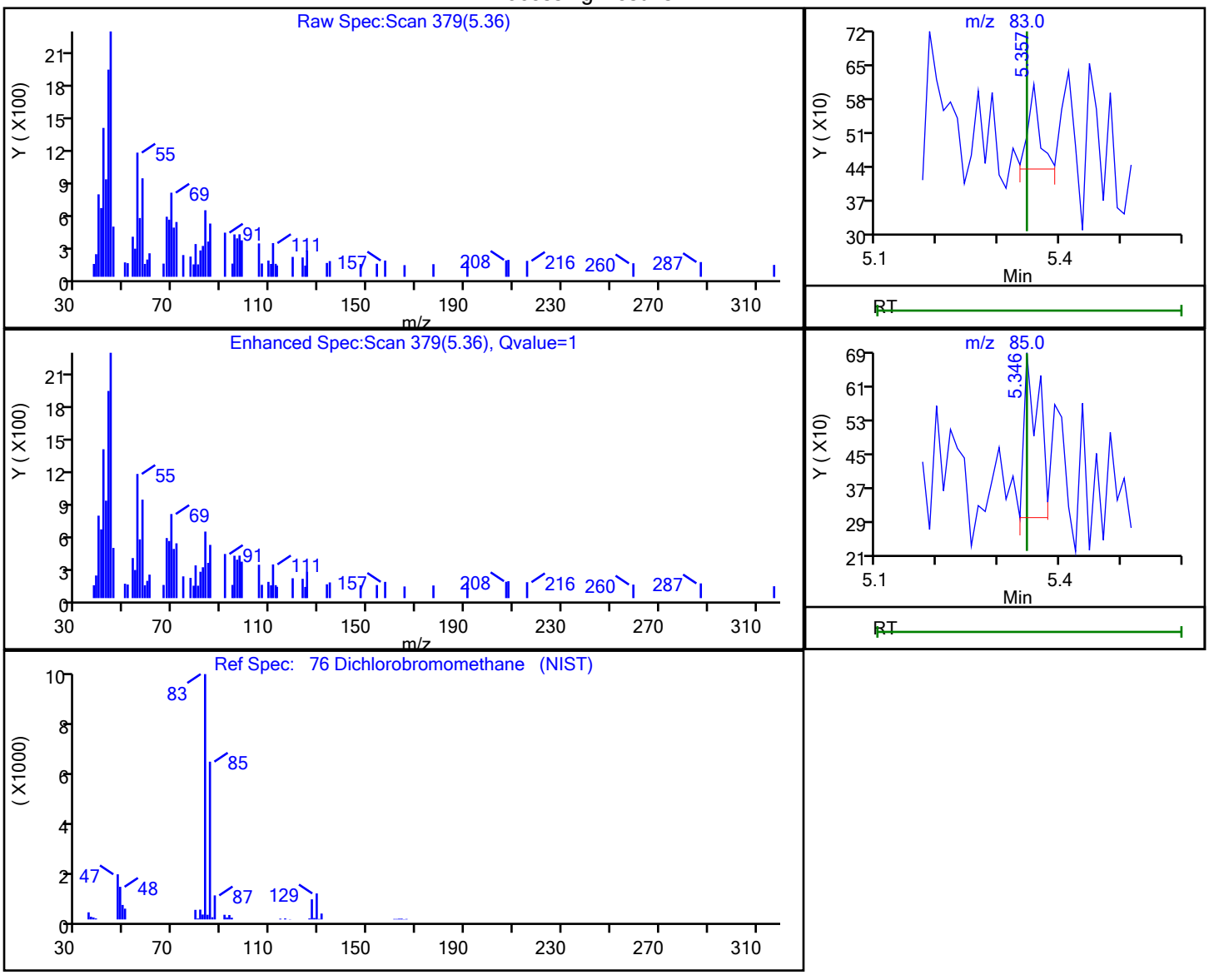
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

76 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.36	83.00	234	0.028854
5.35	85.00	659	

Reviewer: K0HS, 05-Jan-2024 07:42:27 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

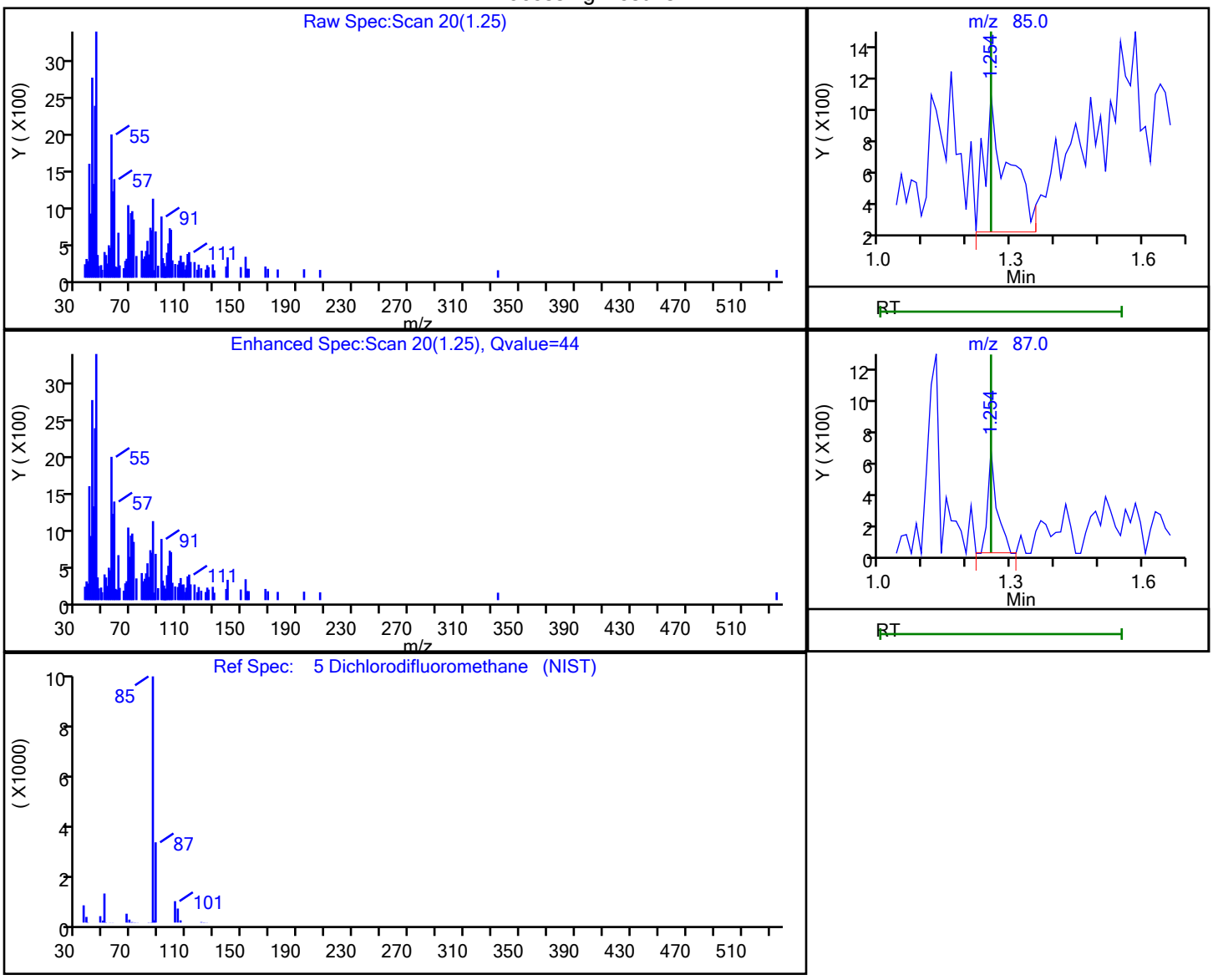
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.25	85.00	3272	0.559365
1.25	87.00	941	

Reviewer: K0HS, 05-Jan-2024 07:40:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

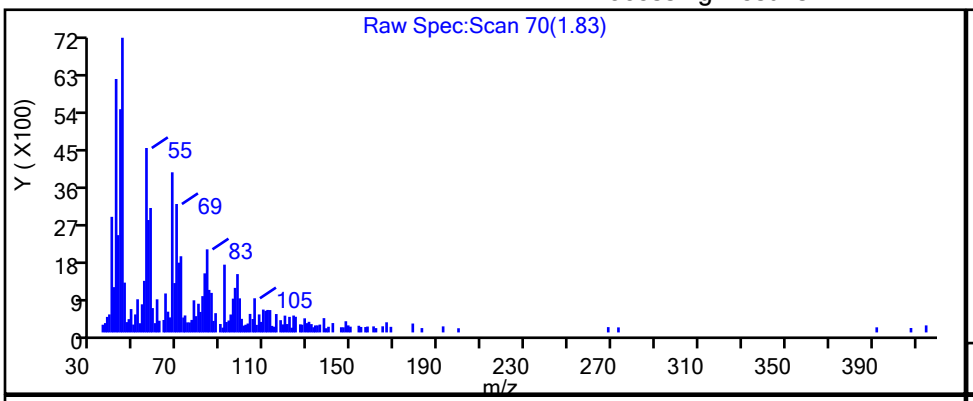
User Disabled Compound Report

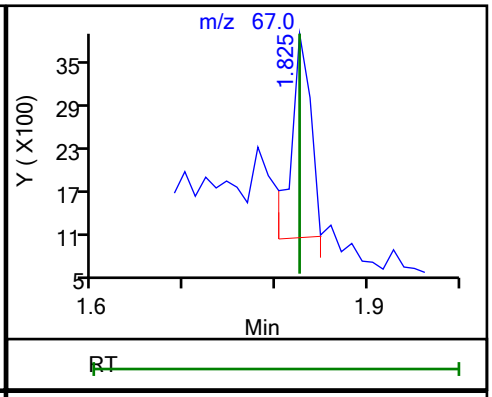
Eurofins Edison

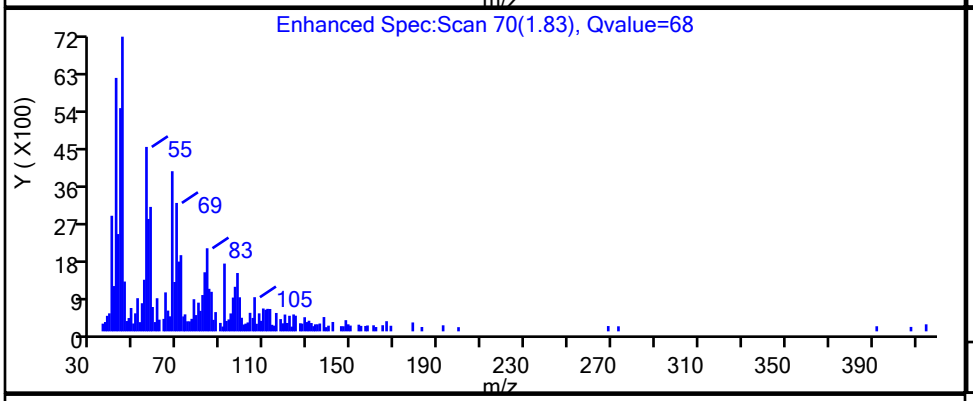
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

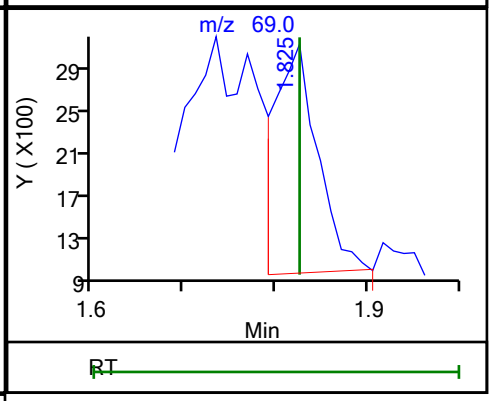
11 Dichlorofluoromethane, CAS: 75-43-4

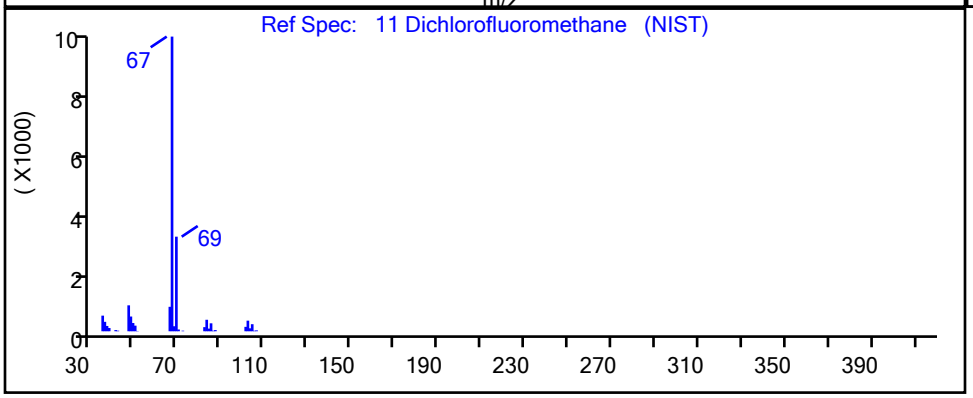
Processing Results











RT	Mass	Response	Amount
1.83	67.00	4111	0.278718
1.83	69.00	7247	

Reviewer: K0HS, 05-Jan-2024 07:40:31 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

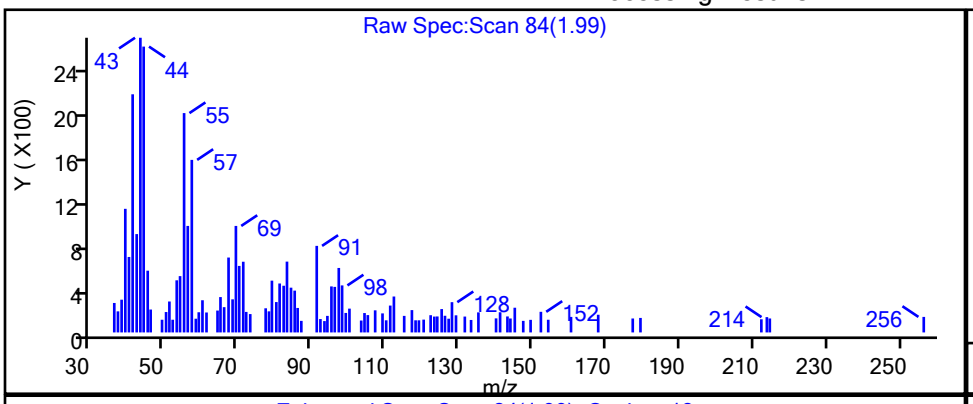
User Disabled Compound Report

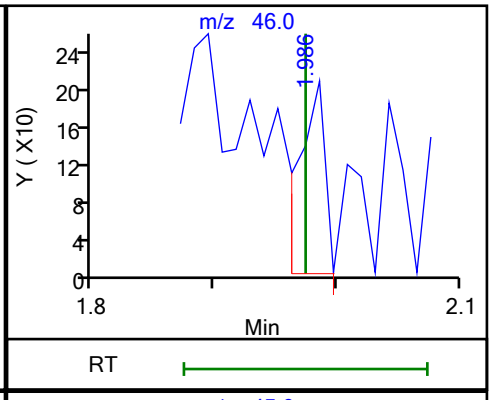
Eurofins Edison

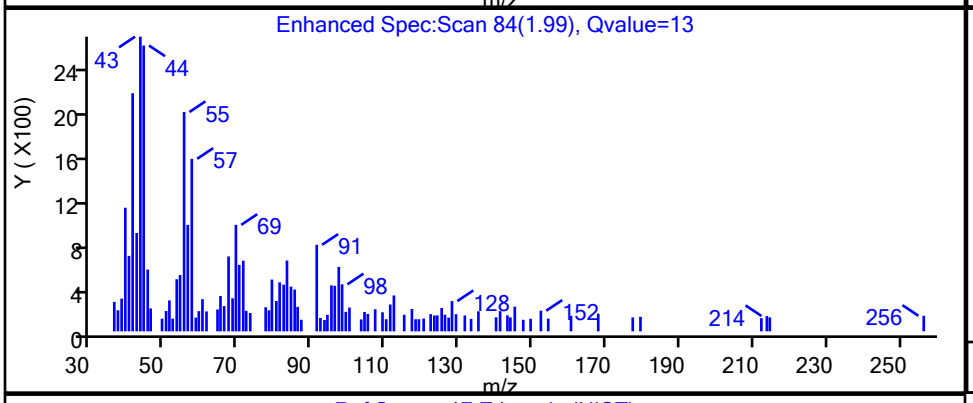
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D				
Injection Date:	04-Jan-2024 23:54:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

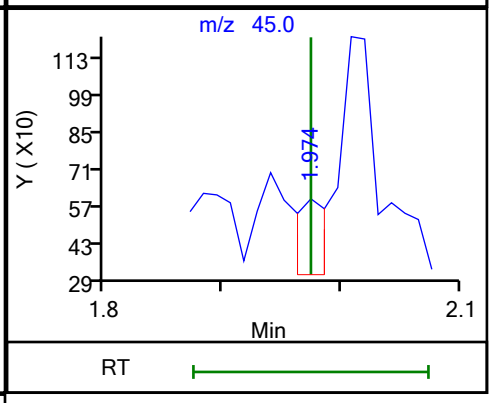
17 Ethanol, CAS: 64-17-5

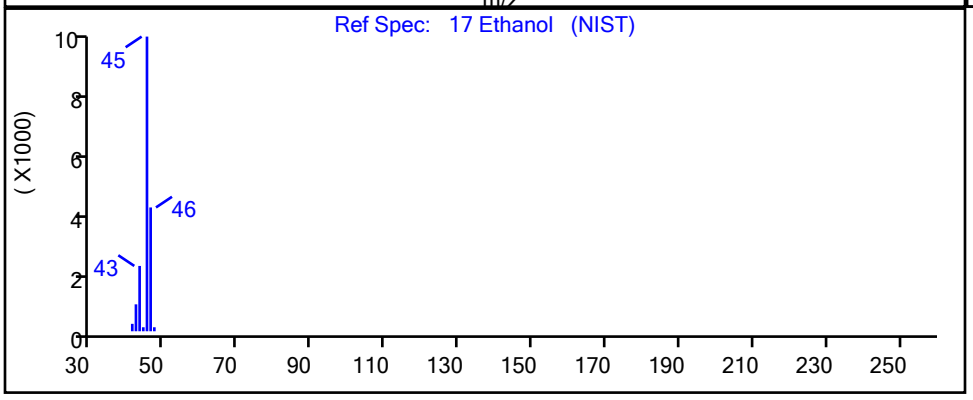
Processing Results











RT	Mass	Response	Amount
1.99	46.00	302	18.807897
1.97	45.00	534	

Reviewer: K0HS, 05-Jan-2024 07:40:45 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

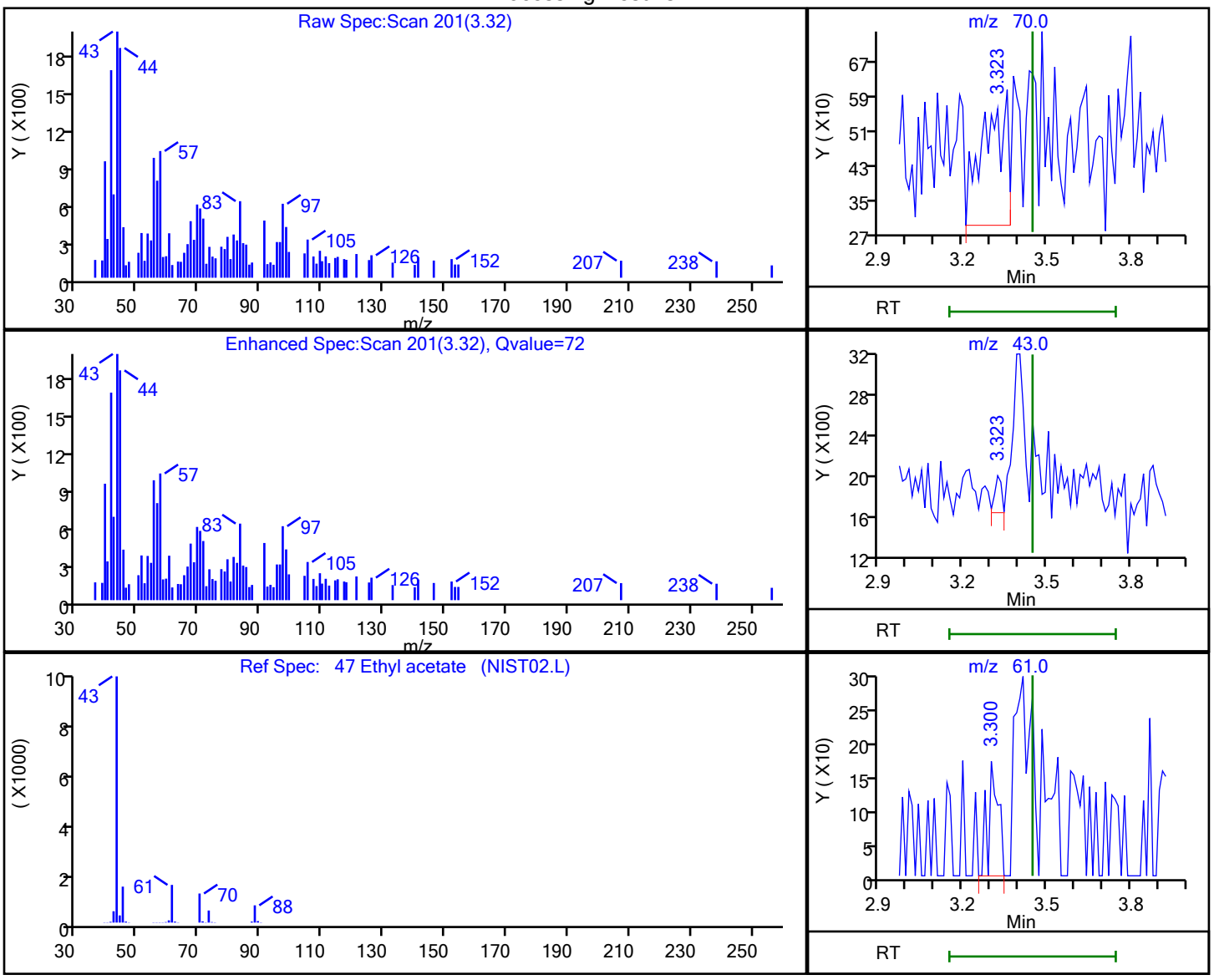
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.32	70.00	1834	0.816187
3.32	43.00	554	
3.30	61.00	423	

Reviewer: K0HS, 05-Jan-2024 07:41:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

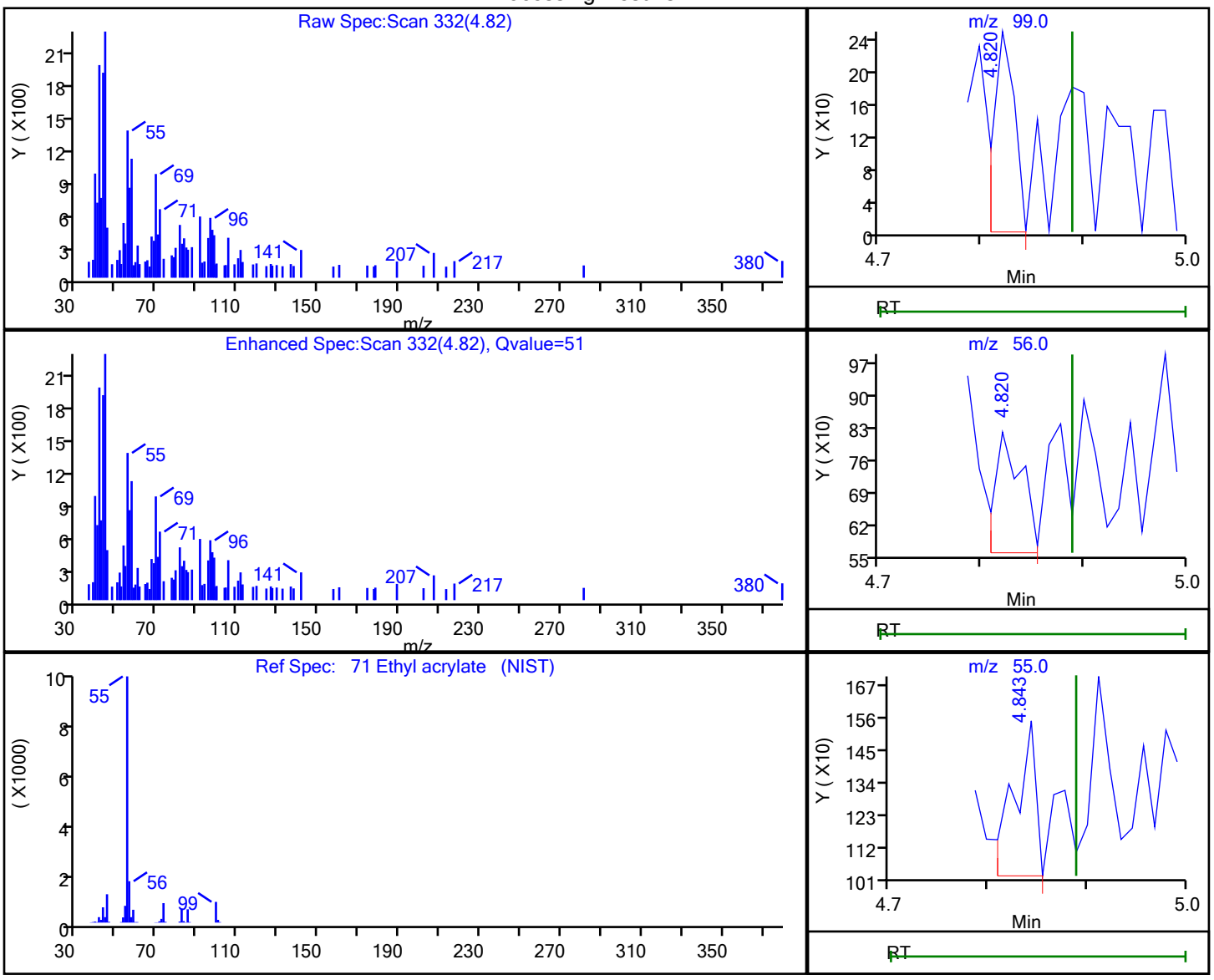
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.82	99.00	355	0.417488
4.82	56.00	490	
4.84	55.00	815	

Reviewer: K0HS, 05-Jan-2024 07:42:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

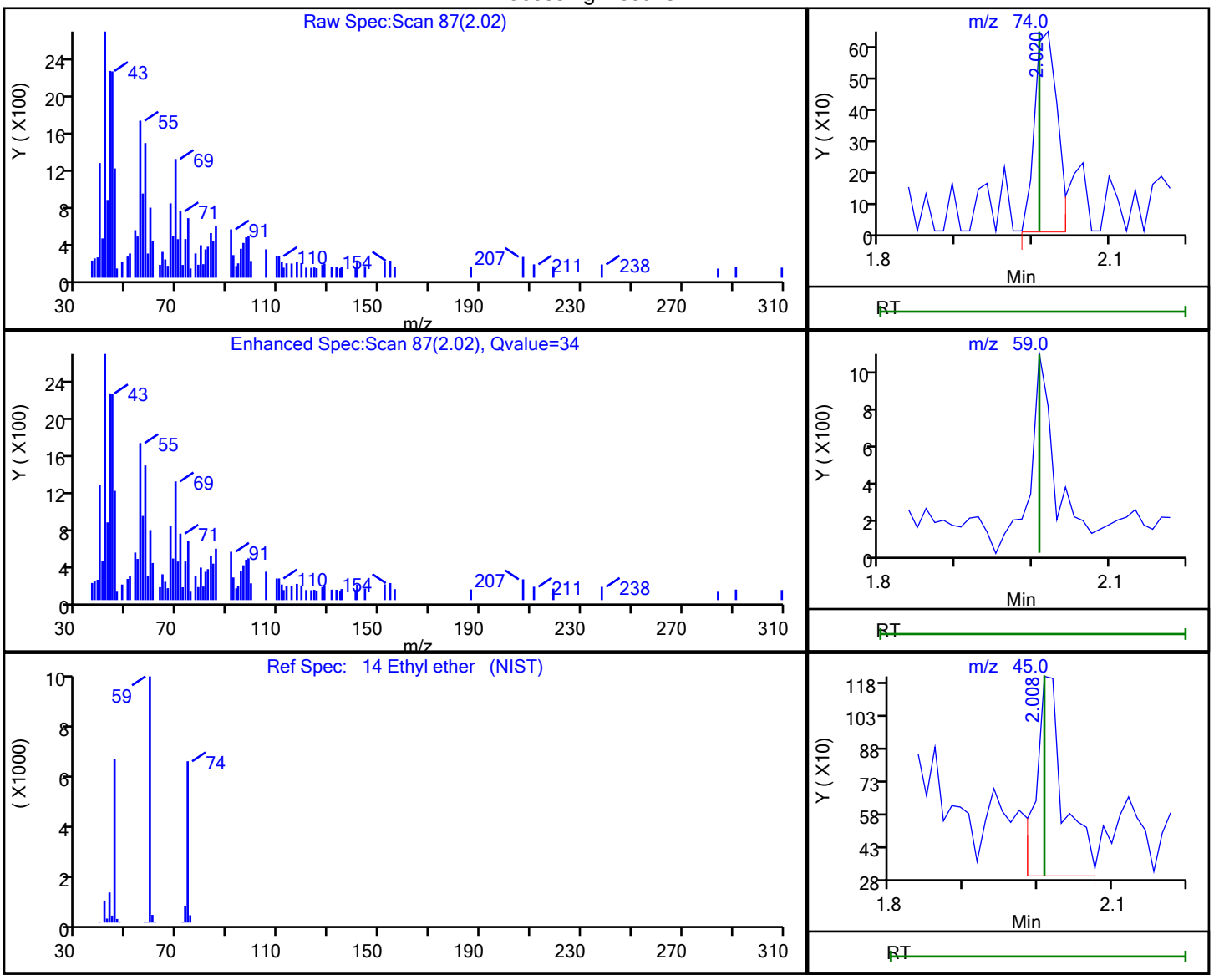
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

14 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.02	74.00	1346	0.304884
2.01	59.00	4439	
2.01	45.00	2377	

Reviewer: K0HS, 05-Jan-2024 07:40:35 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

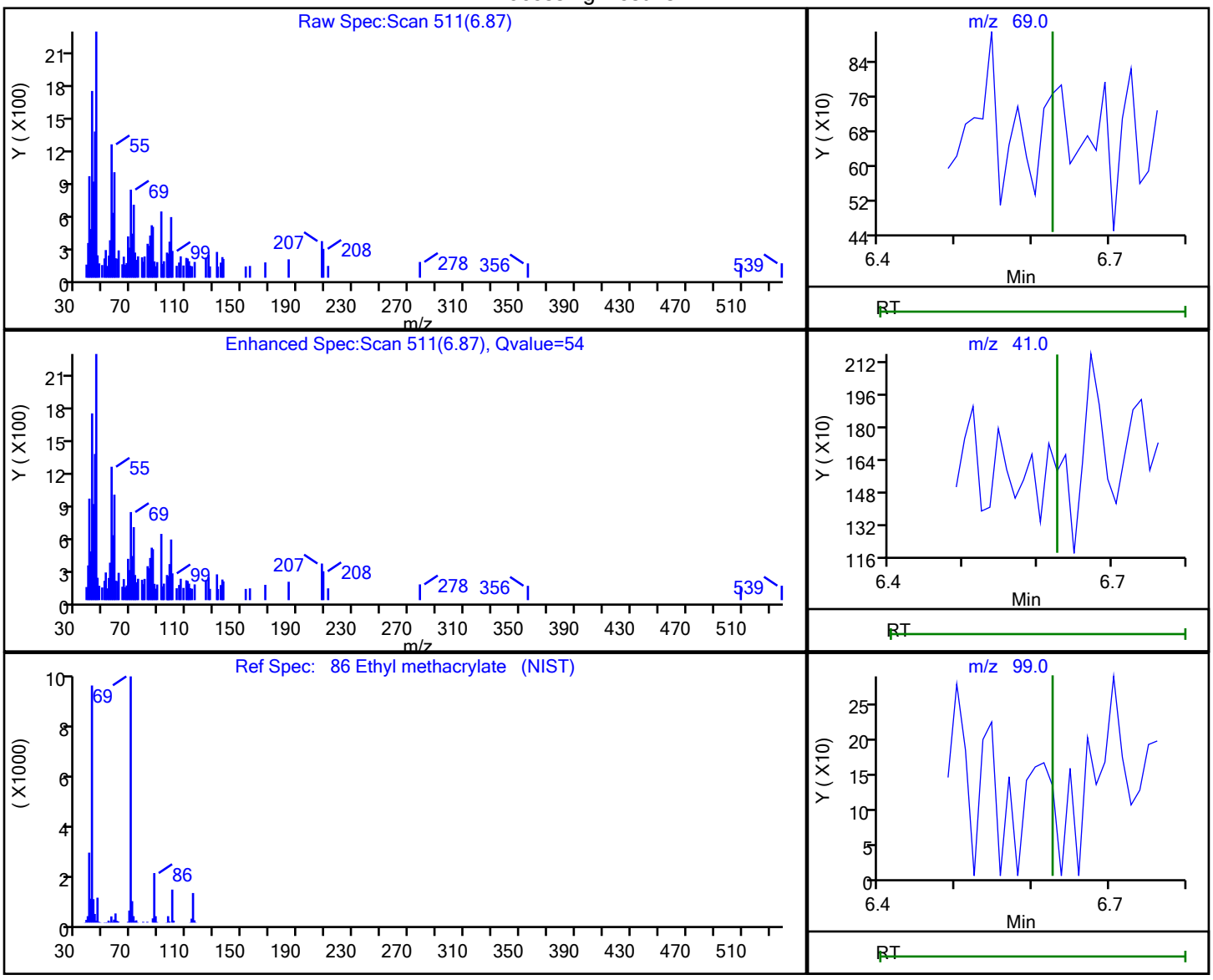
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
6.87	69.00	723	0.097522
6.87	41.00	389	
6.87	99.00	383	

Reviewer: K0HS, 05-Jan-2024 07:42:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

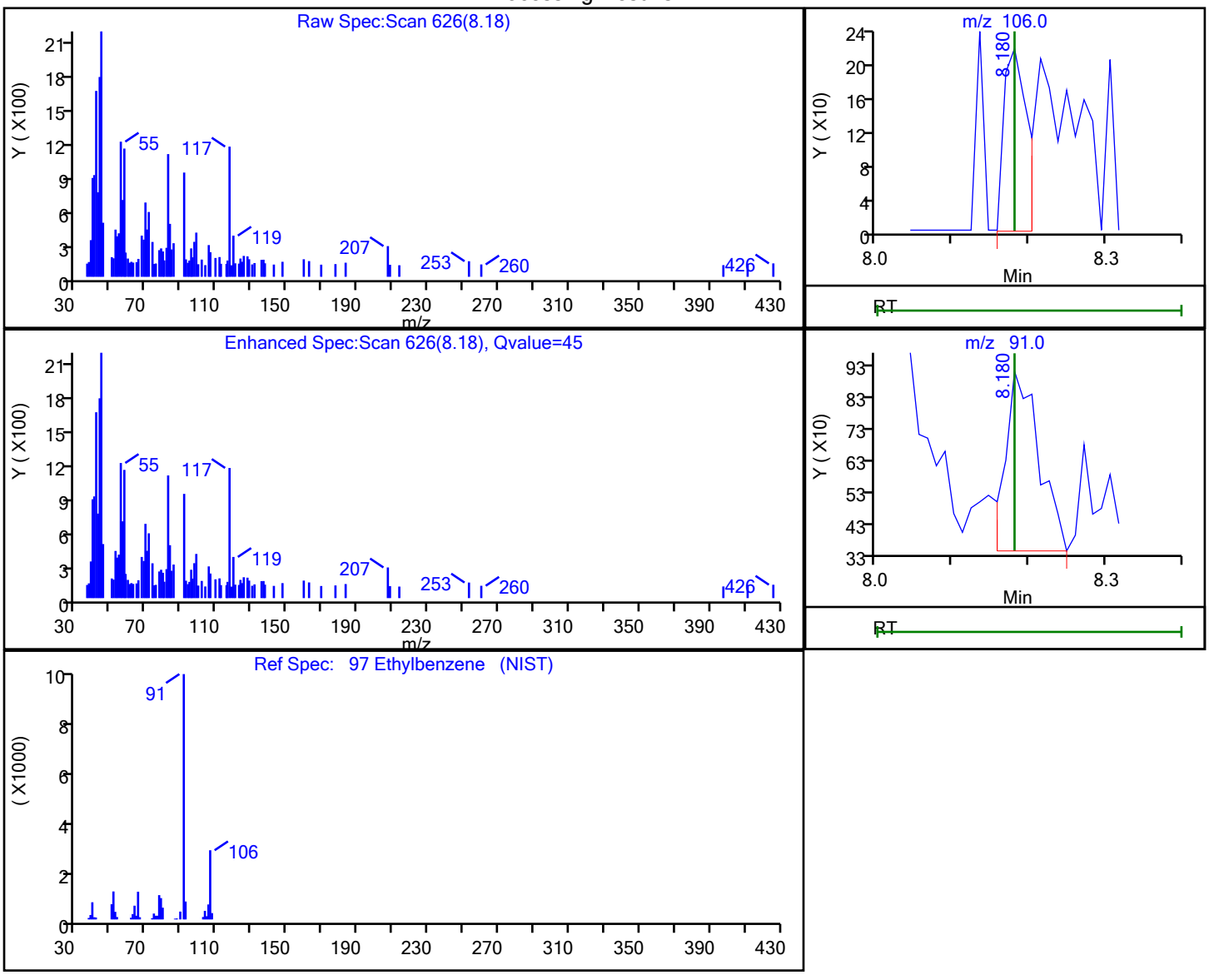
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.18	106.00	455	0.051505
8.18	91.00	1756	

Reviewer: K0HS, 05-Jan-2024 07:42:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

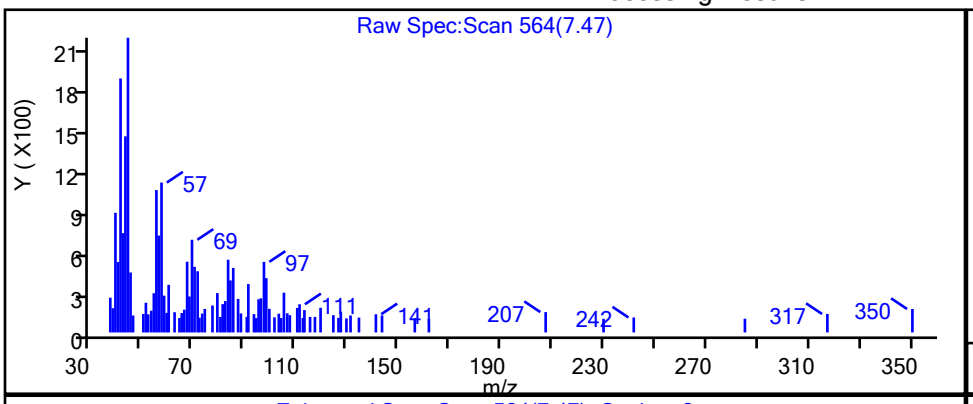
User Disabled Compound Report

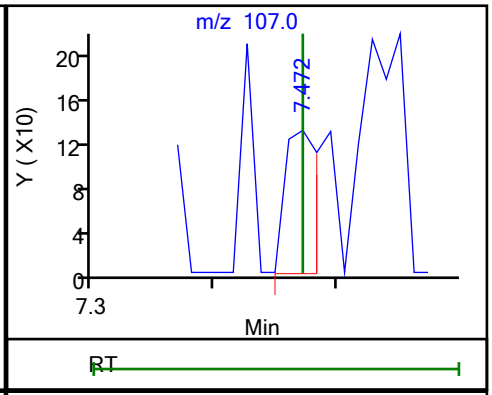
Eurofins Edison

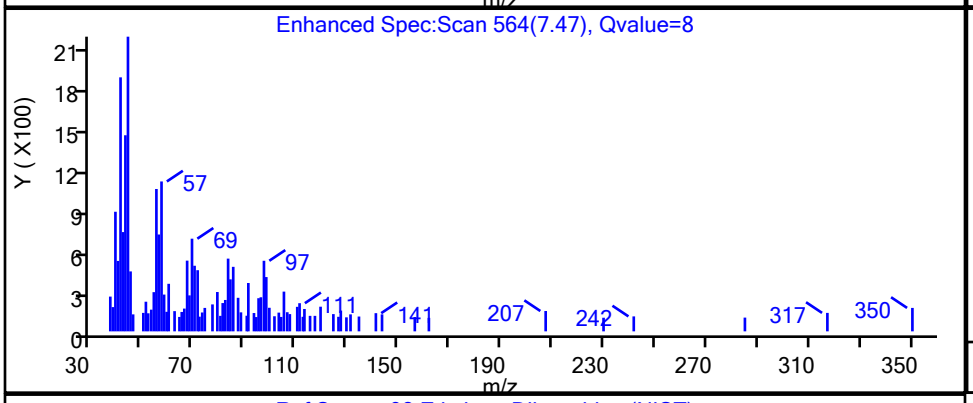
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

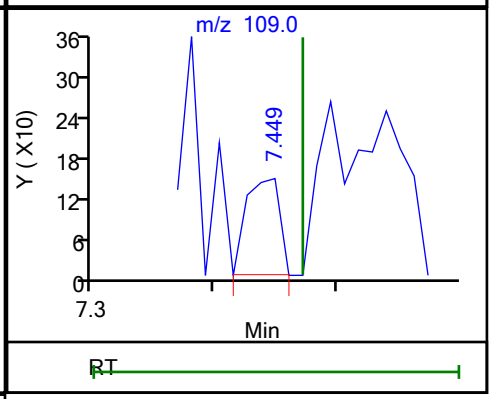
93 Ethylene Dibromide, CAS: 106-93-4

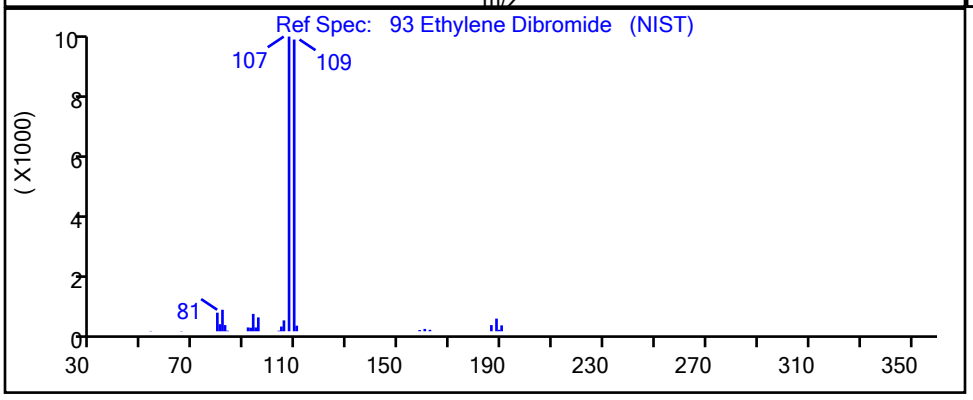
Processing Results











RT	Mass	Response	Amount
7.47	107.00	244	0.046273
7.45	109.00	279	

Reviewer: K0HS, 05-Jan-2024 07:42:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

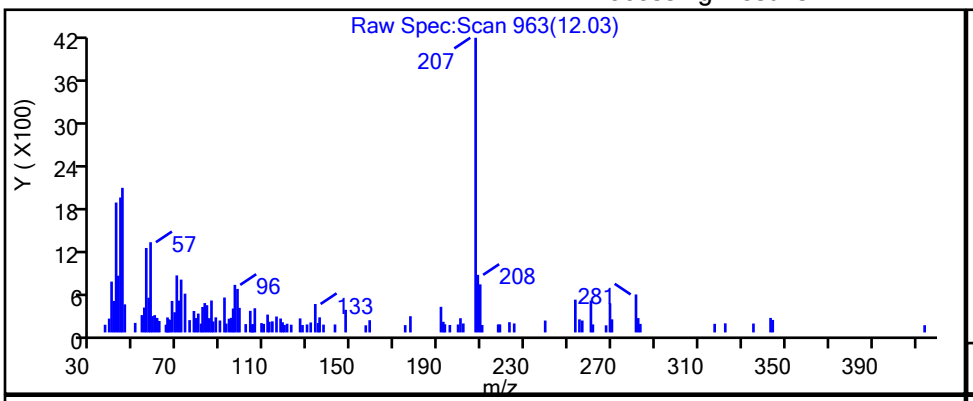
User Disabled Compound Report

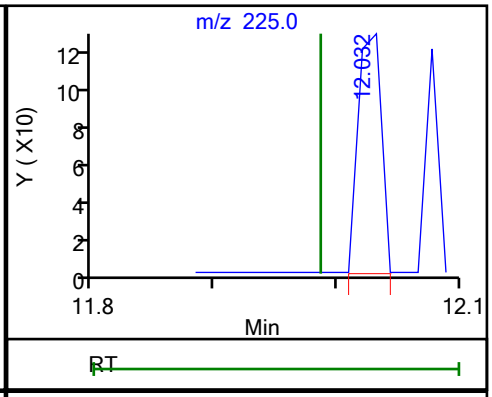
Eurofins Edison

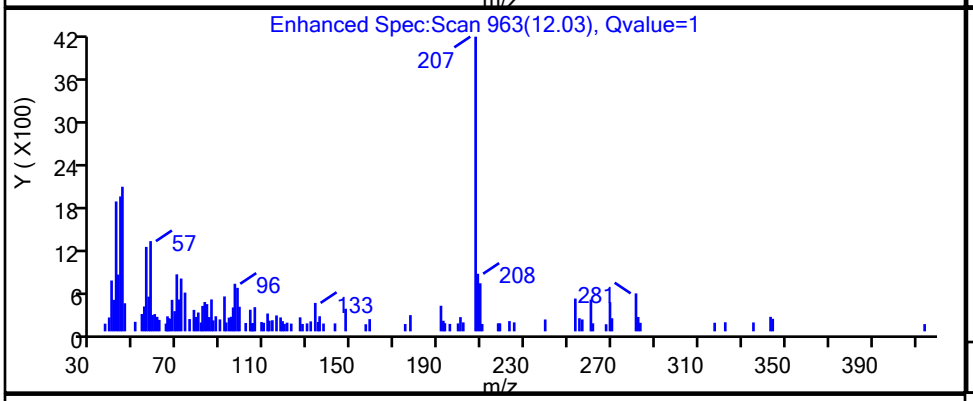
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D				
Injection Date:	04-Jan-2024 23:54:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

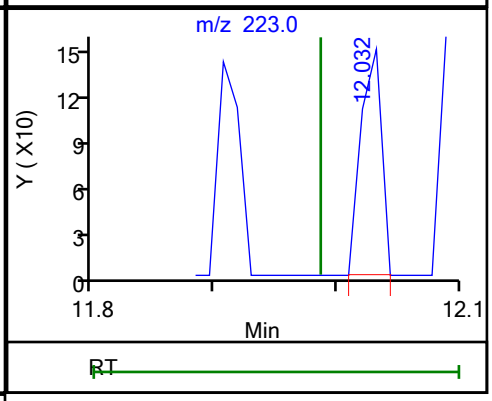
133 Hexachlorobutadiene, CAS: 87-68-3

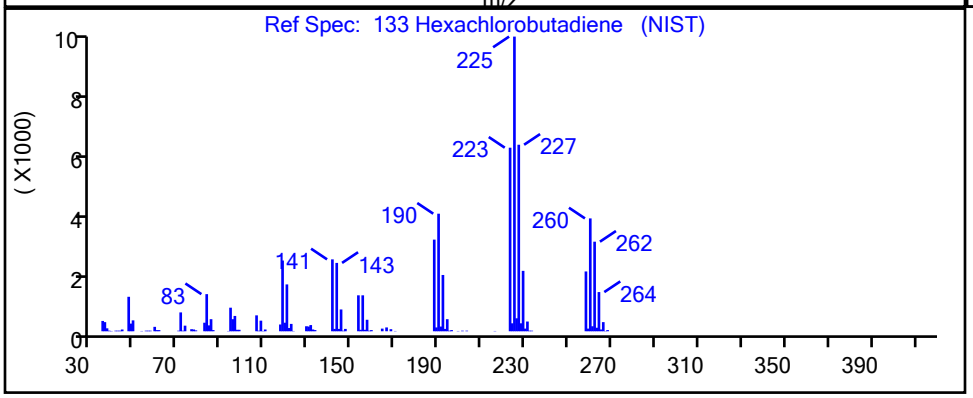
Processing Results











RT	Mass	Response	Amount
12.03	225.00	167	0.067445
12.03	223.00	171	

Reviewer: K0HS, 05-Jan-2024 07:43:57 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

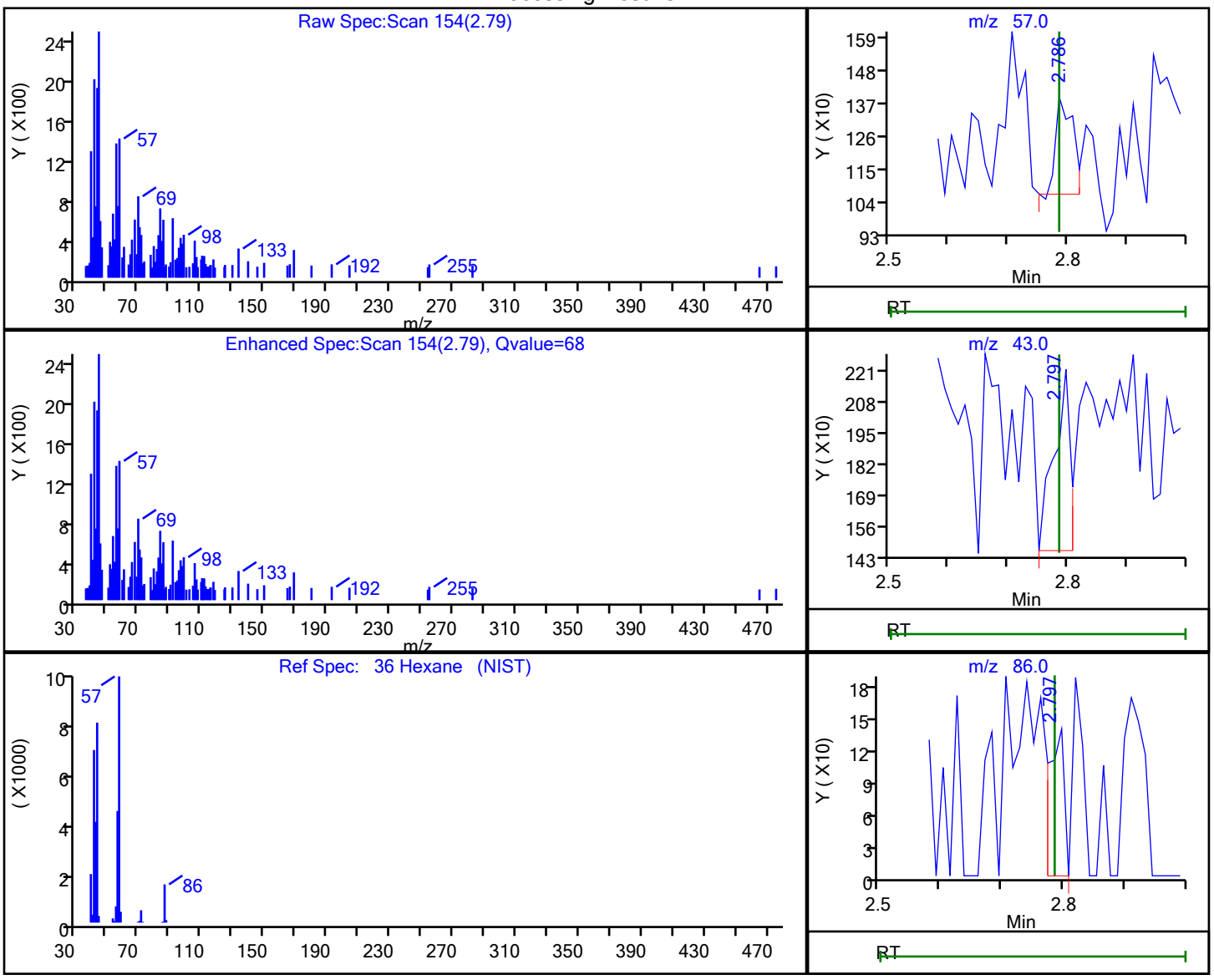
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
2.79	57.00	665	0.084443
2.80	43.00	1466	
2.80	86.00	240	
2.80	56.00	246	

Reviewer: K0HS, 05-Jan-2024 07:41:17 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

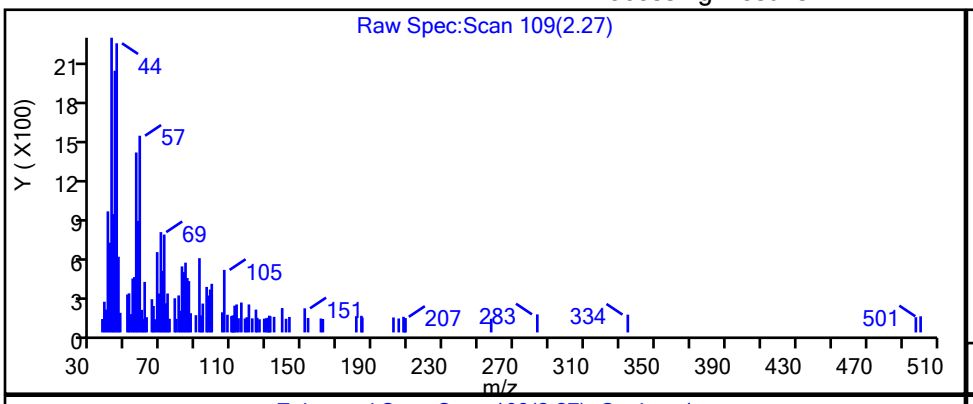
User Disabled Compound Report

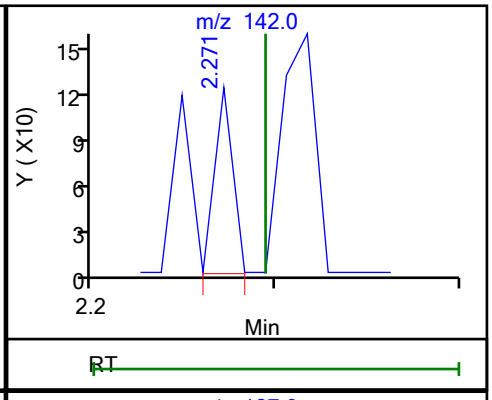
Eurofins Edison

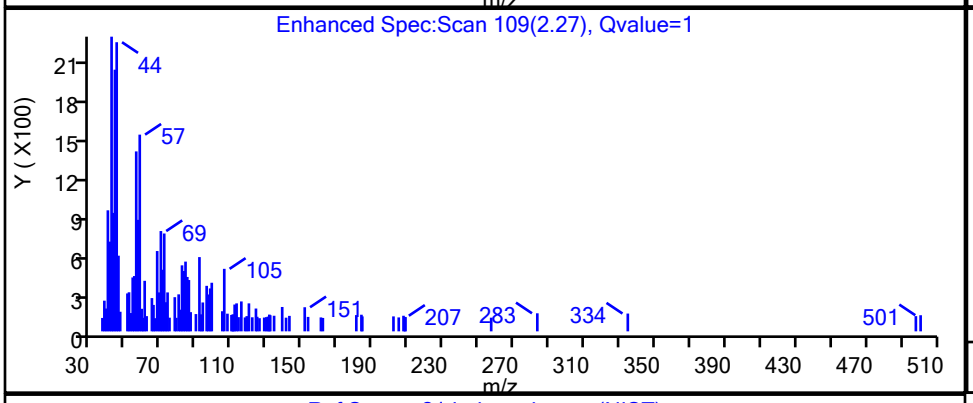
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

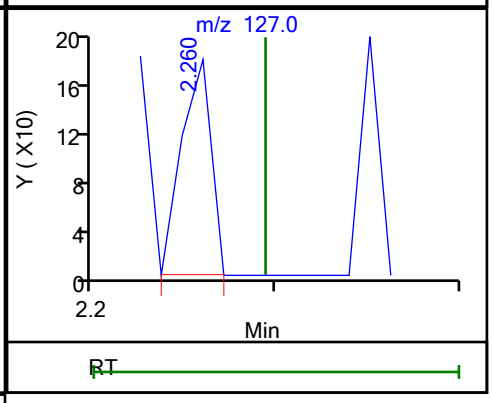
21 Iodomethane, CAS: 74-88-4

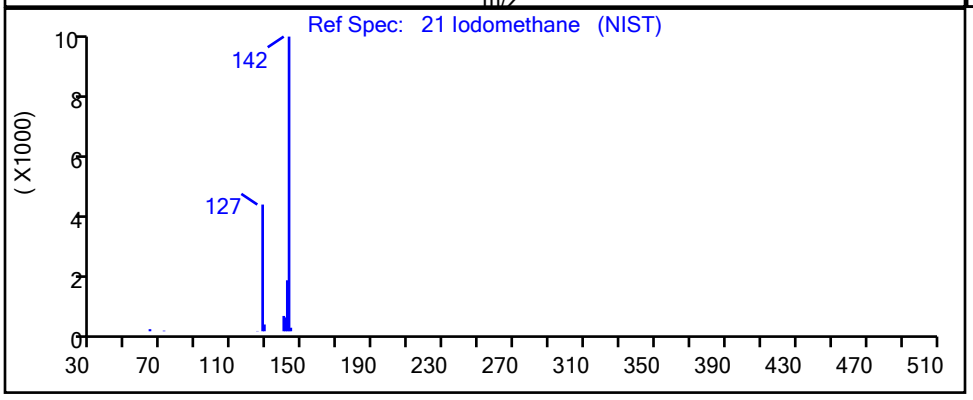
Processing Results











RT	Mass	Response	Amount
2.27	142.00	82	0.014772
2.26	127.00	201	

Reviewer: K0HS, 05-Jan-2024 07:40:53 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

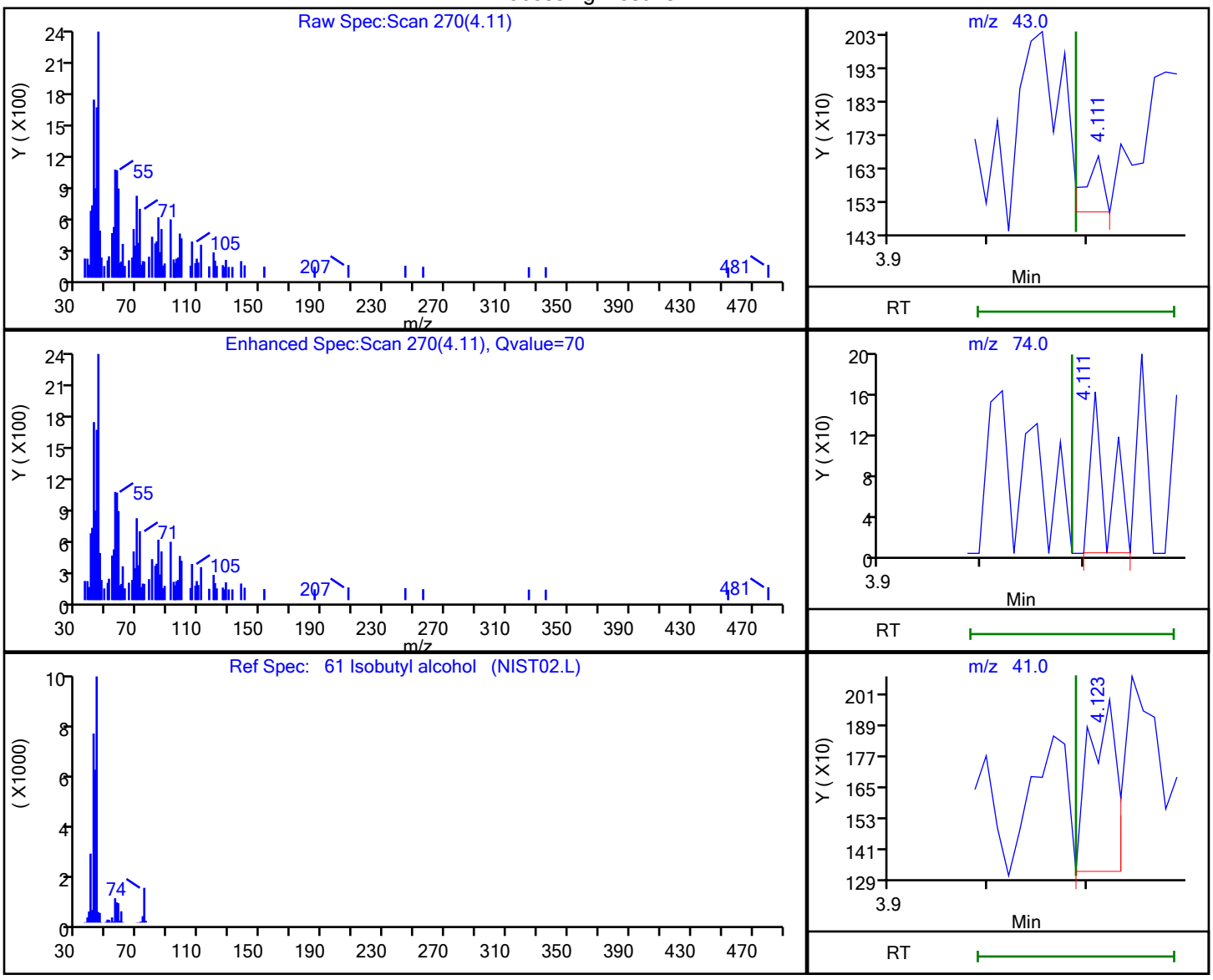
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.11	43.00	225	0.946073
4.11	74.00	187	
4.12	41.00	1343	

Reviewer: K0HS, 05-Jan-2024 07:41:57 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

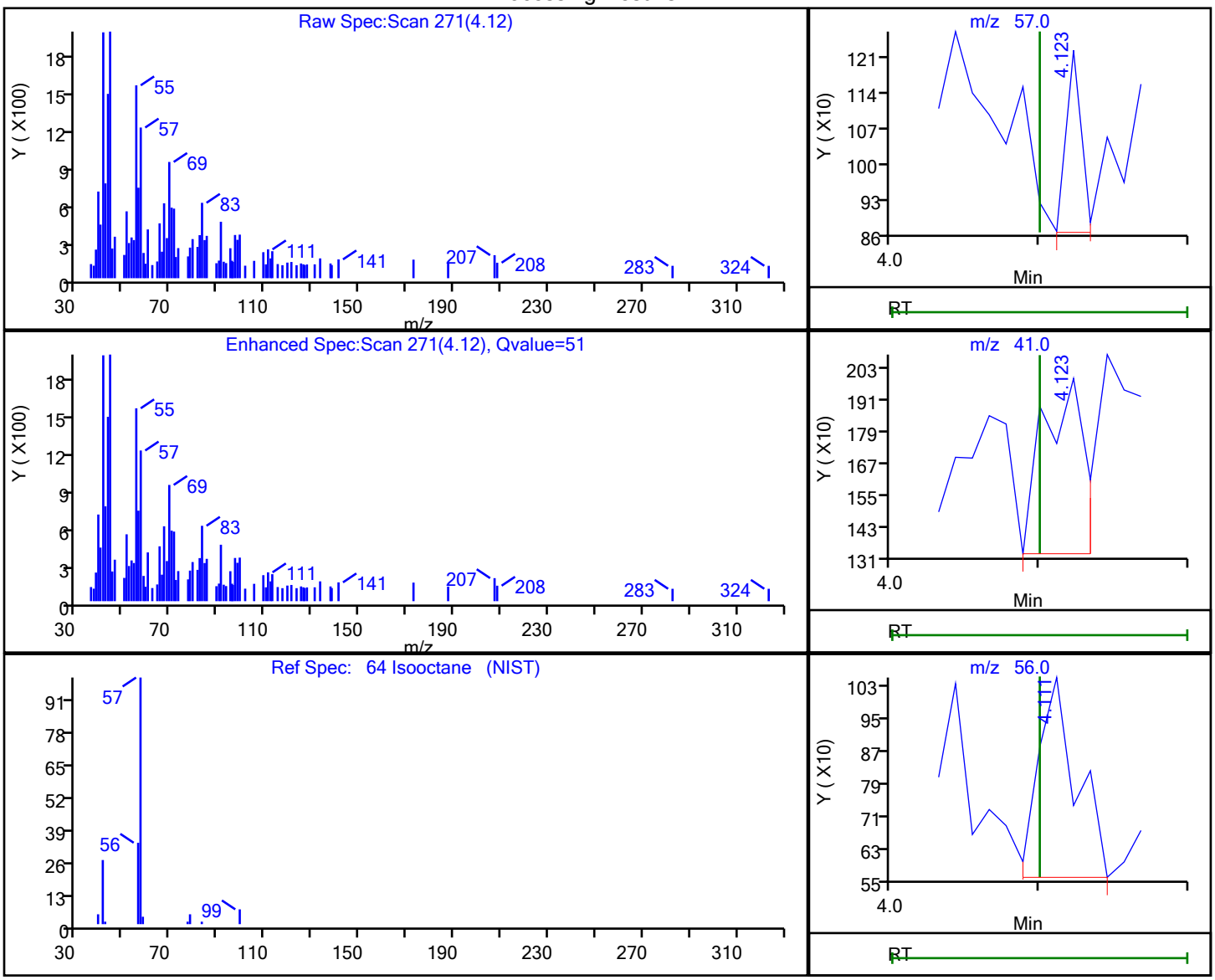
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

64 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.12	57.00	250	0.015430
4.12	41.00	1343	
4.11	56.00	890	

Reviewer: K0HS, 05-Jan-2024 07:42:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

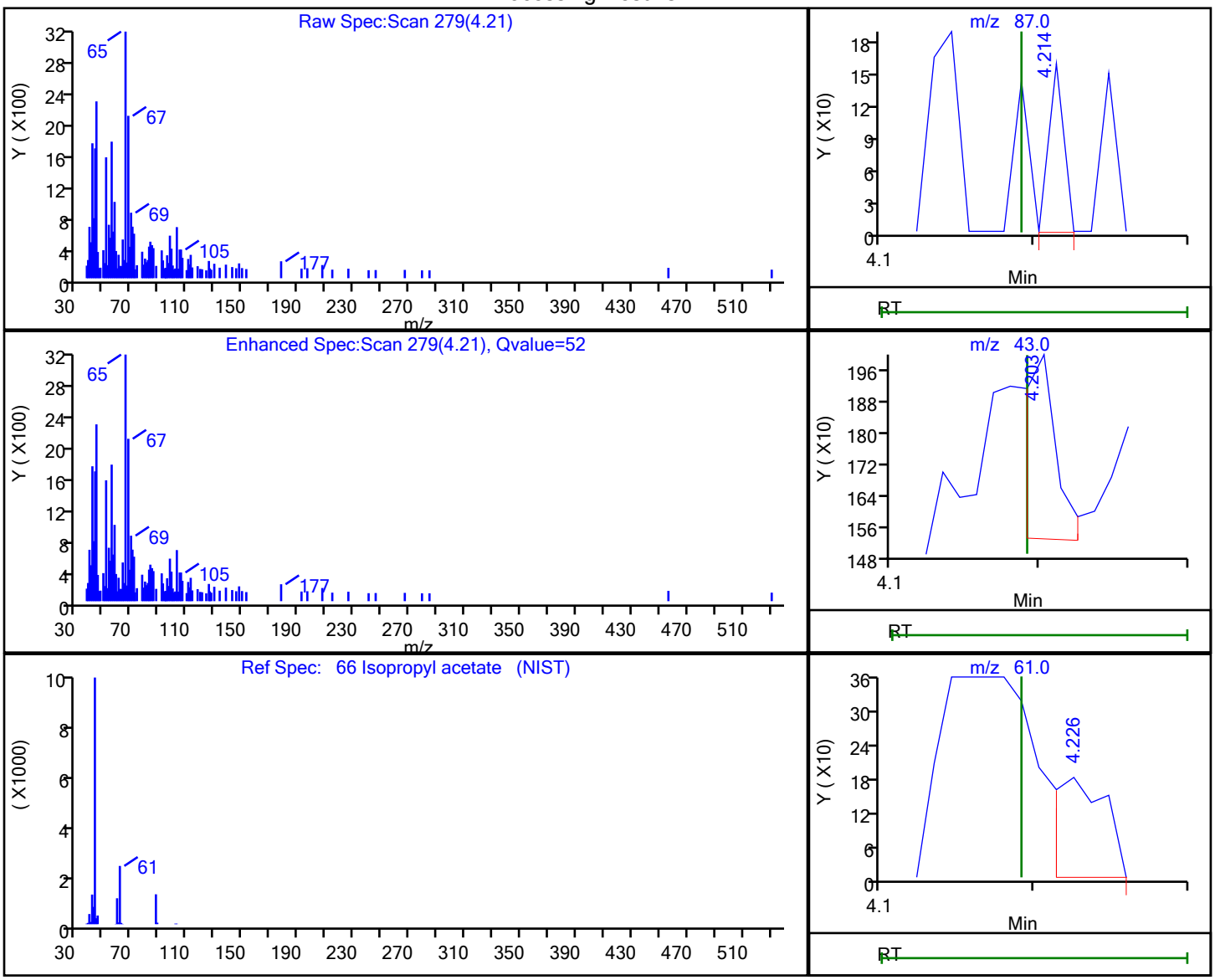
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

66 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
4.21	87.00	108	0.020242
4.20	43.00	714	
4.23	61.00	423	

Reviewer: K0HS, 05-Jan-2024 07:42:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

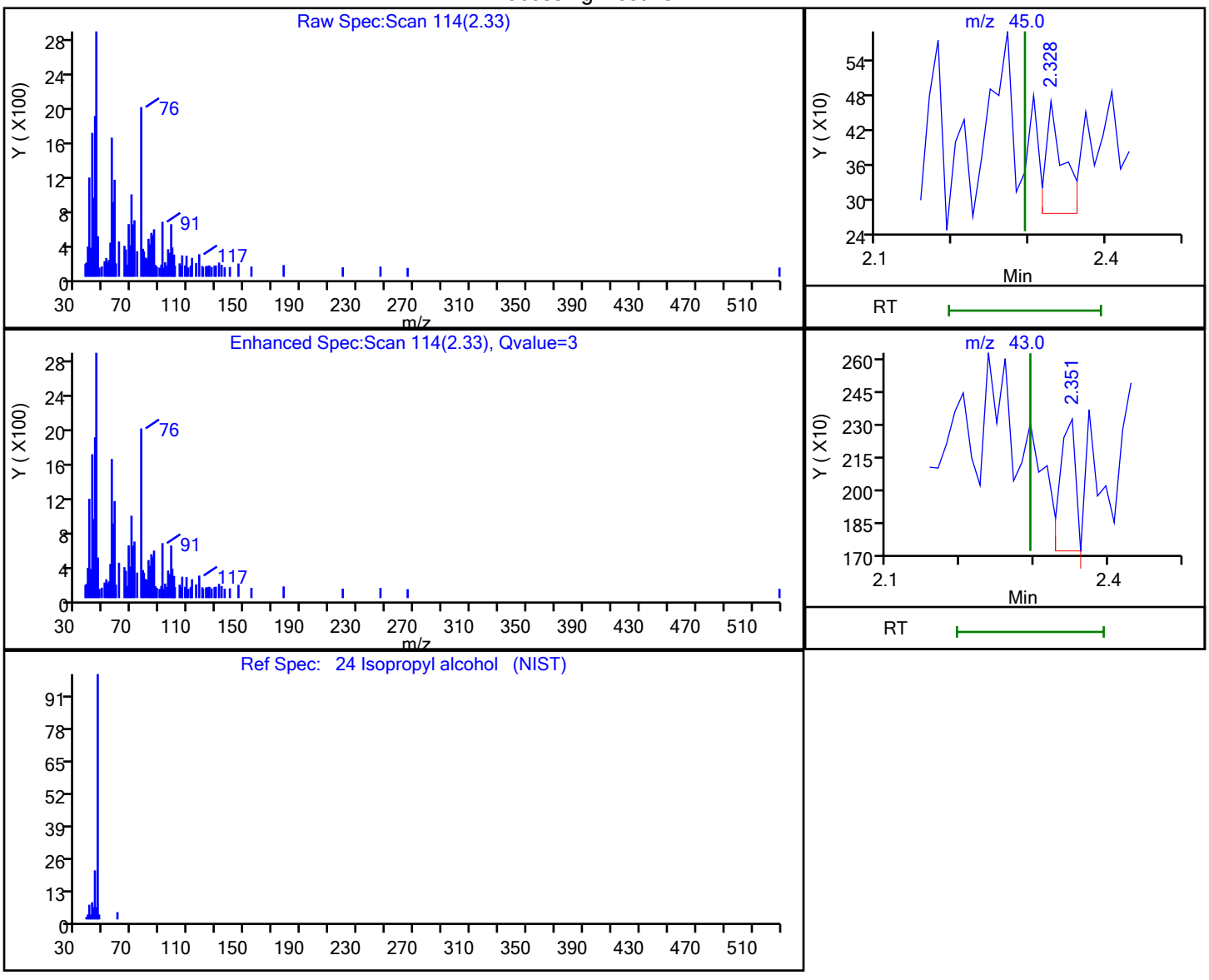
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.33	45.00	310	1.442288
2.35	43.00	884	

Reviewer: K0HS, 05-Jan-2024 07:40:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

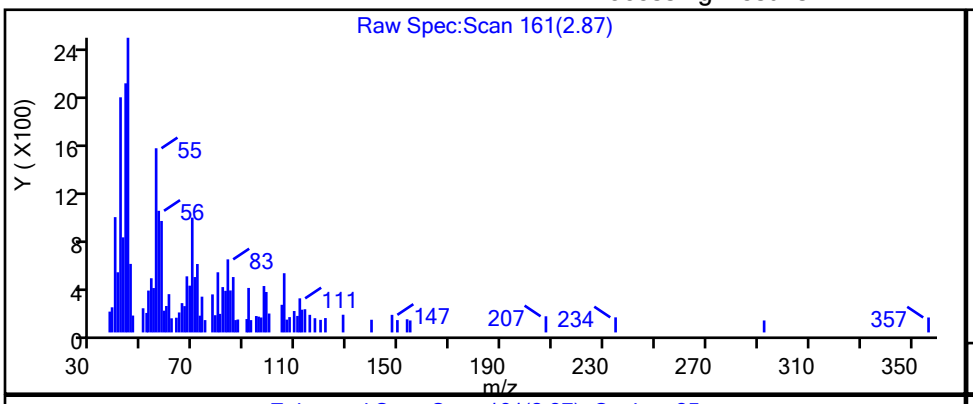
User Disabled Compound Report

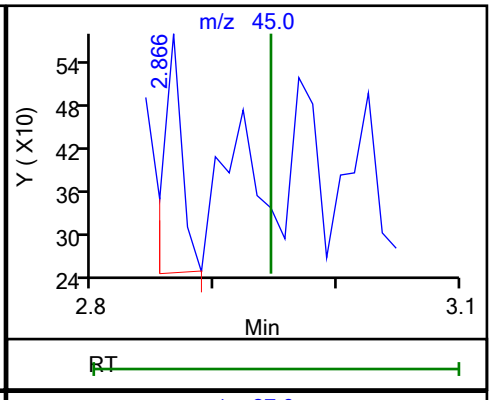
Eurofins Edison

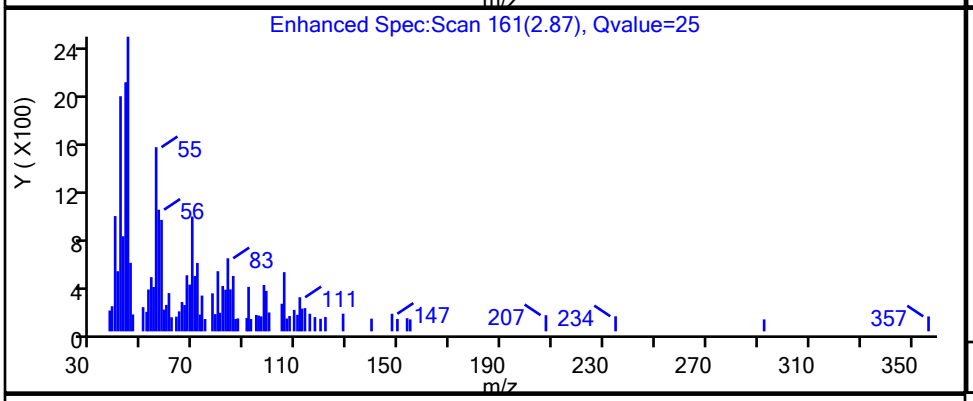
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

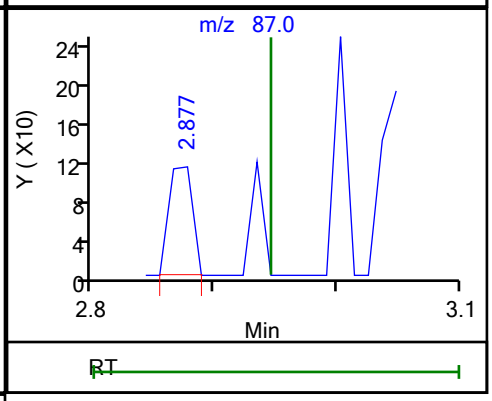
37 Isopropyl ether, CAS: 108-20-3

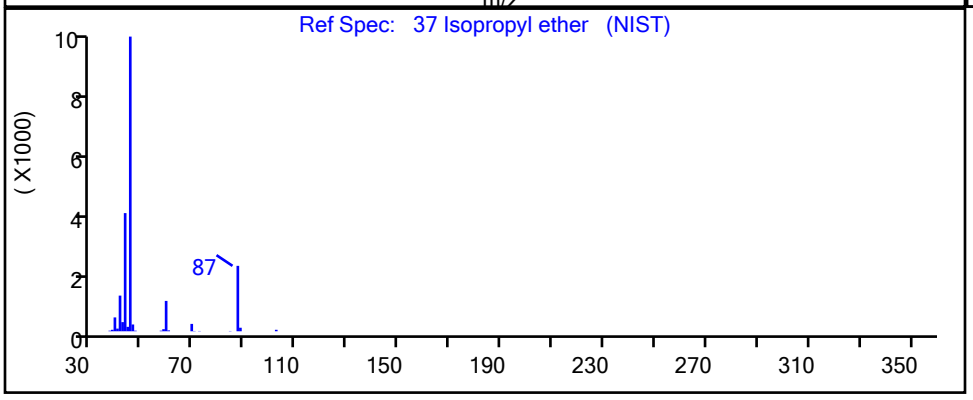
Processing Results











RT	Mass	Response	Amount
2.87	45.00	334	0.015624
2.88	87.00	149	

Reviewer: K0HS, 05-Jan-2024 07:41:18 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

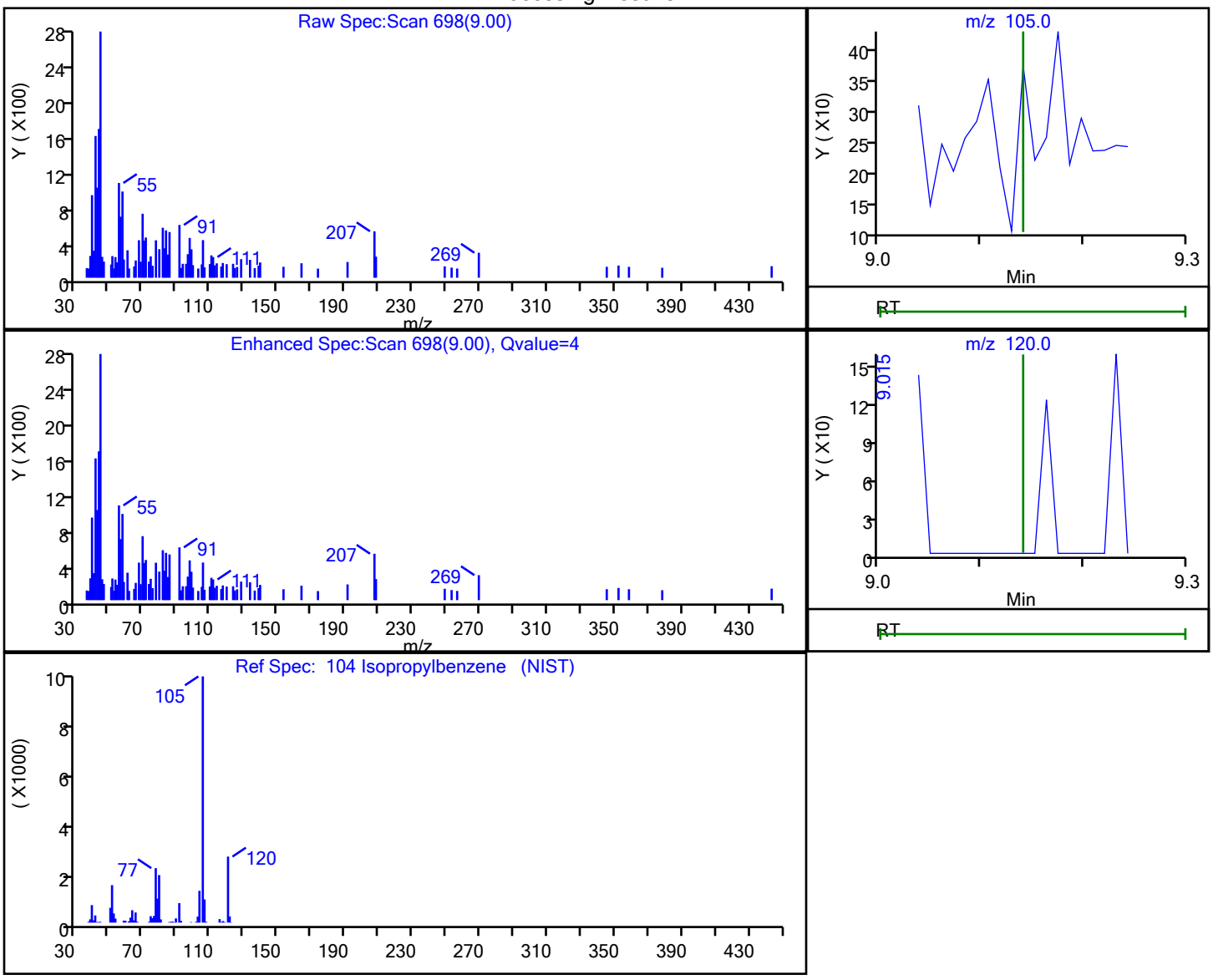
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.00	105.00	241	0.009070
9.01	120.00	99	

Reviewer: K0HS, 05-Jan-2024 07:43:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

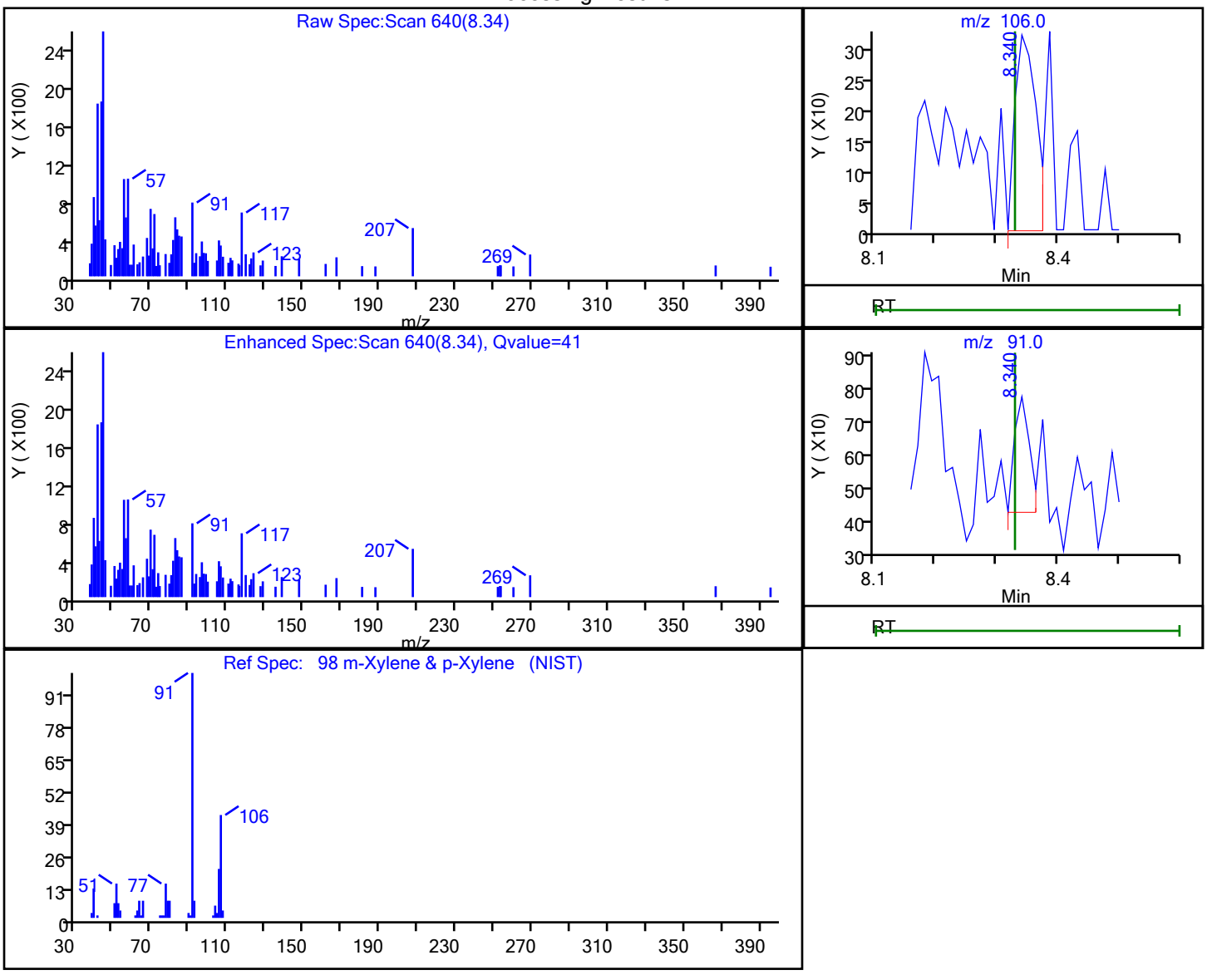
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.34	106.00	777	0.068623
8.34	91.00	608	

Reviewer: K0HS, 05-Jan-2024 07:43:01 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

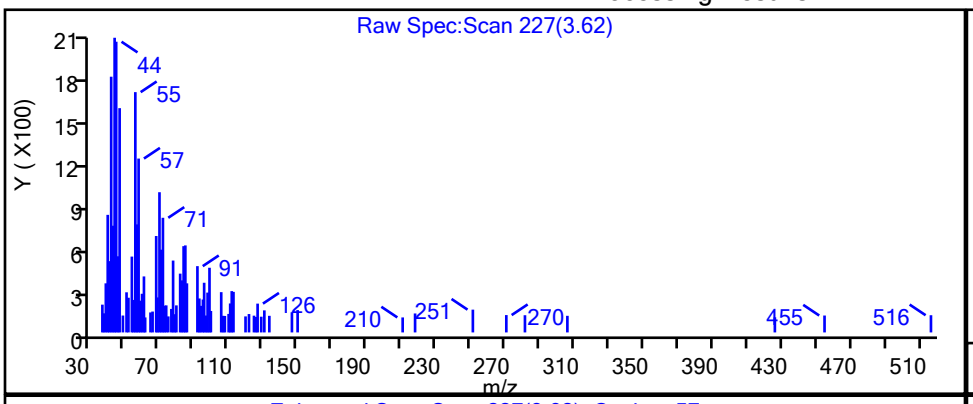
User Disabled Compound Report

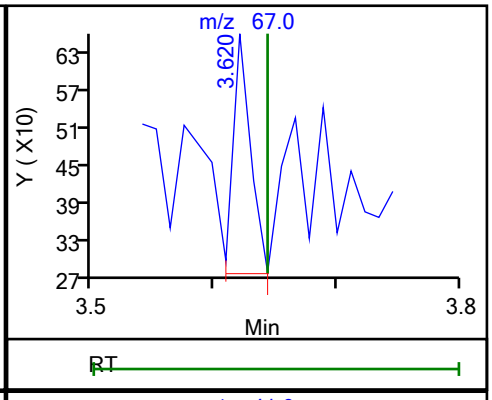
Eurofins Edison

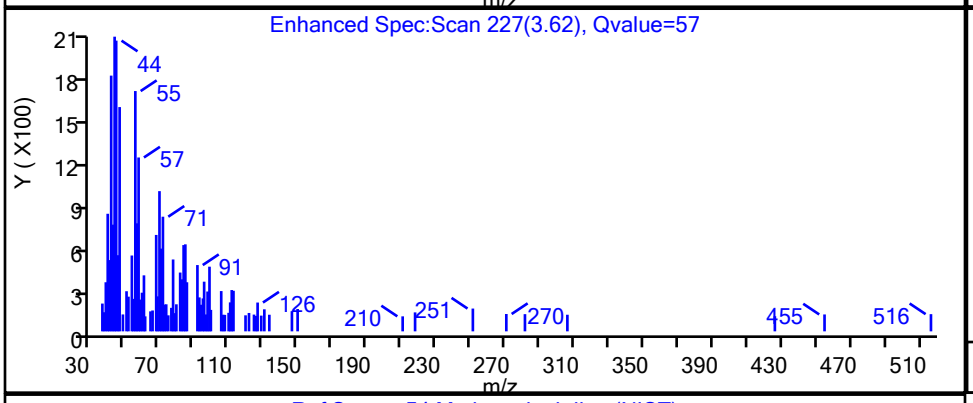
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

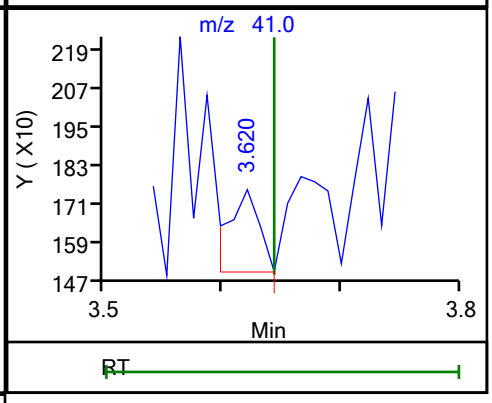
54 Methacrylonitrile, CAS: 126-98-7

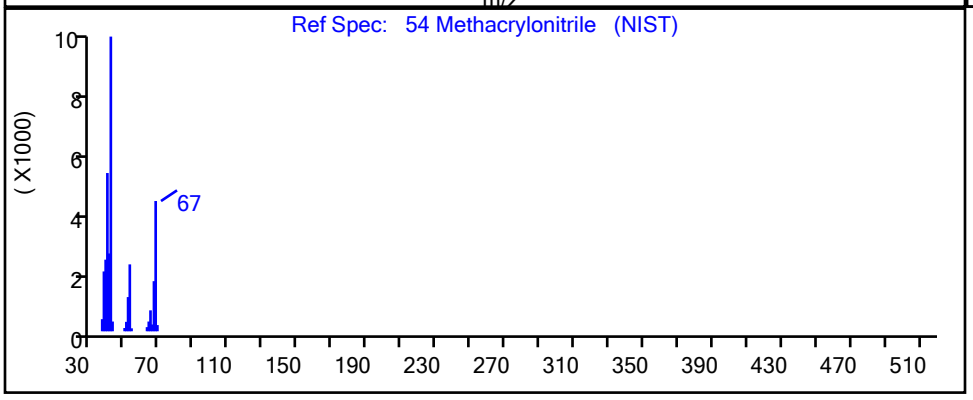
Processing Results











RT	Mass	Response	Amount
3.62	67.00	379	0.160730
3.62	41.00	483	

Reviewer: K0HS, 05-Jan-2024 07:41:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

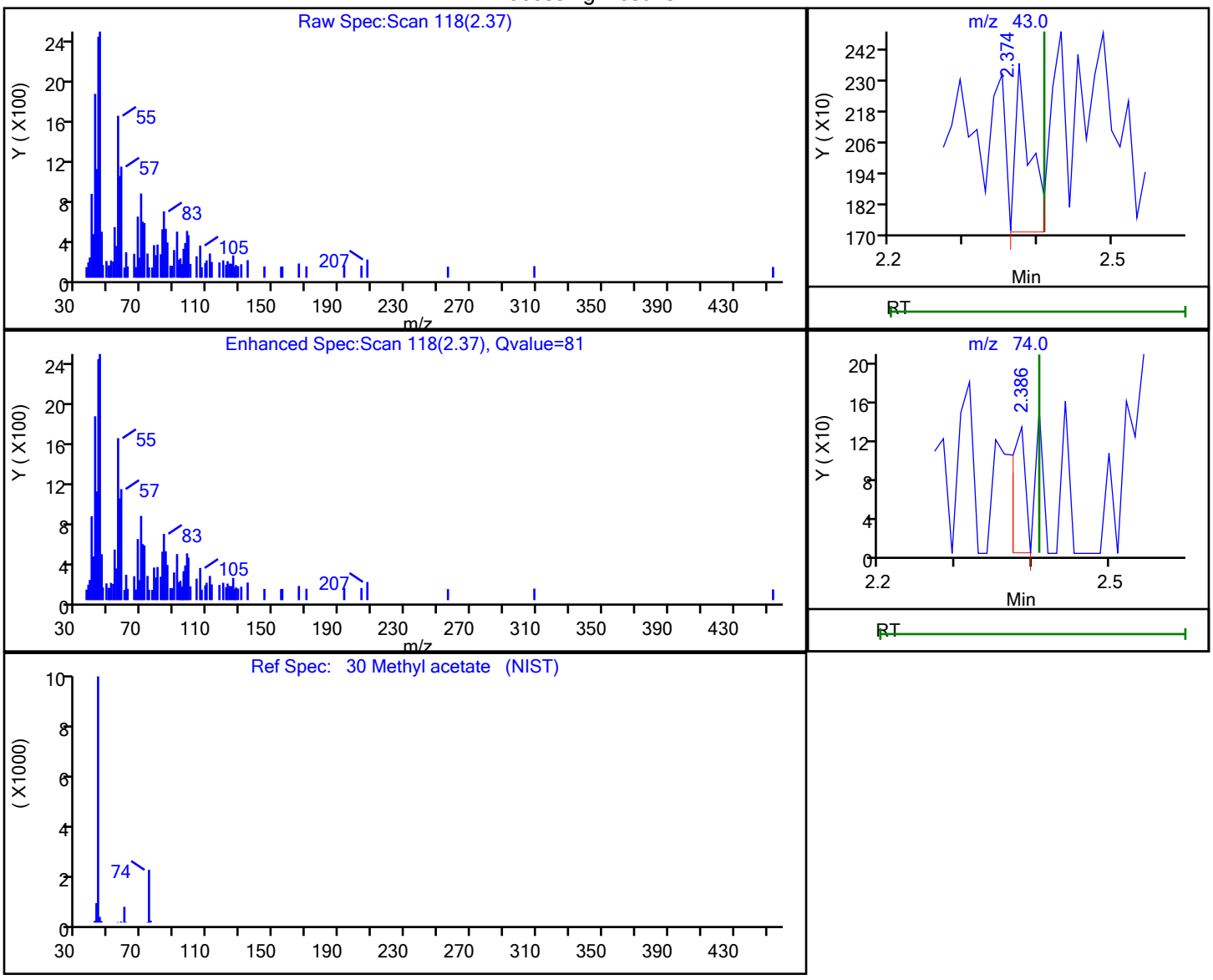
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

30 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.37	43.00	924	0.235781
2.39	74.00	160	

Reviewer: K0HS, 05-Jan-2024 07:40:58 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

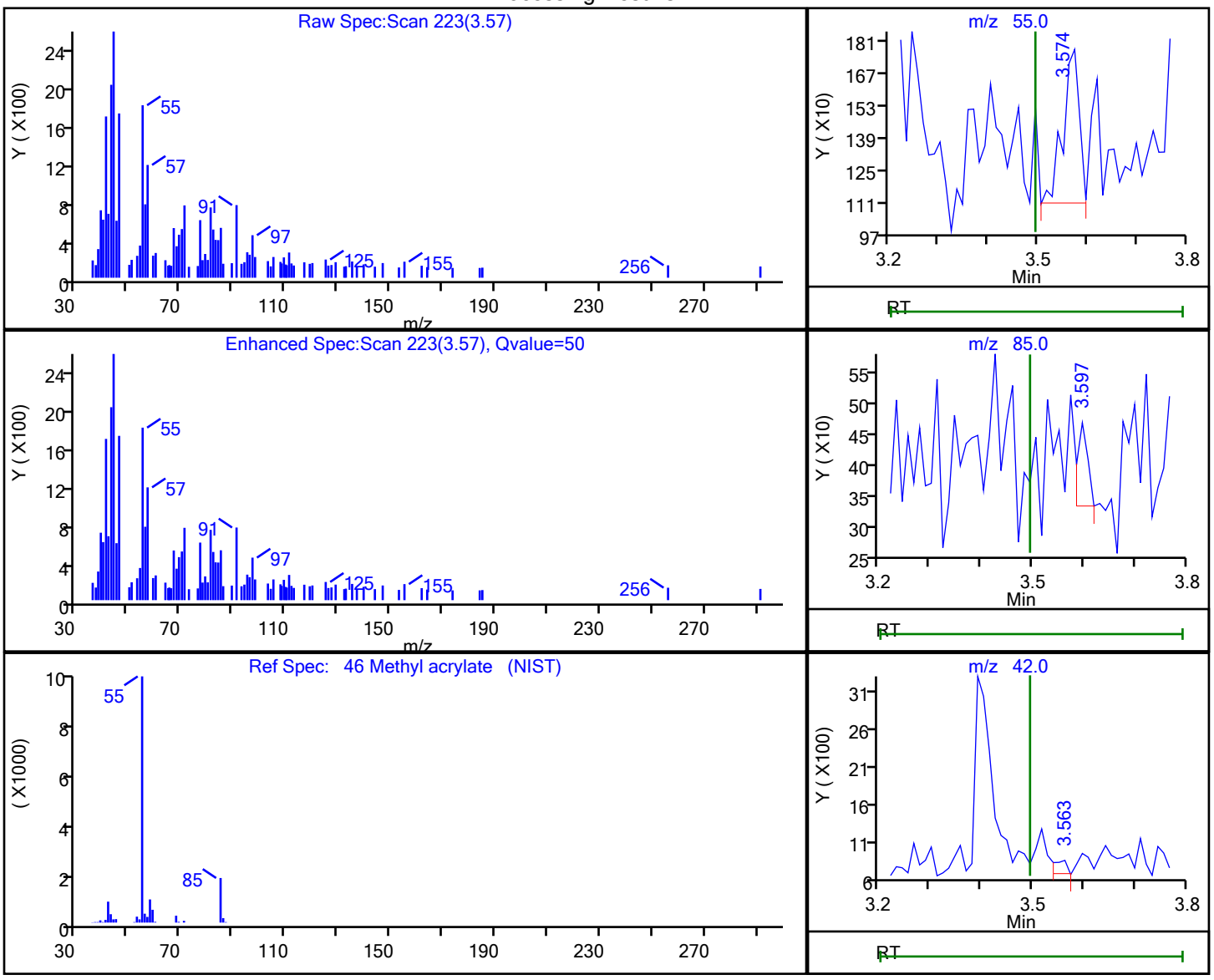
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

46 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.57	55.00	1567	0.347096
3.60	85.00	186	
3.56	42.00	339	

Reviewer: K0HS, 05-Jan-2024 07:41:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

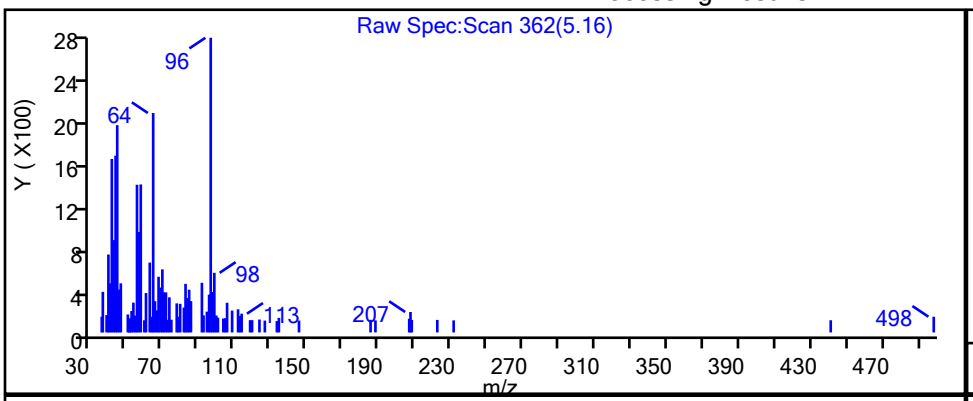
User Disabled Compound Report

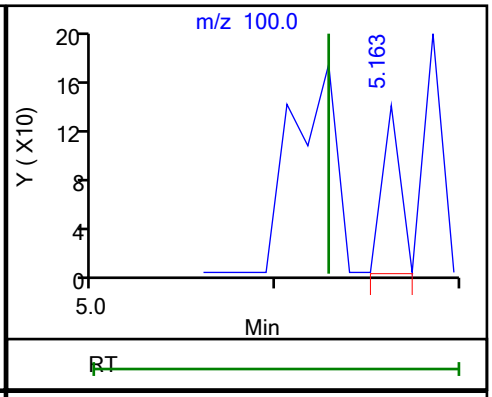
Eurofins Edison

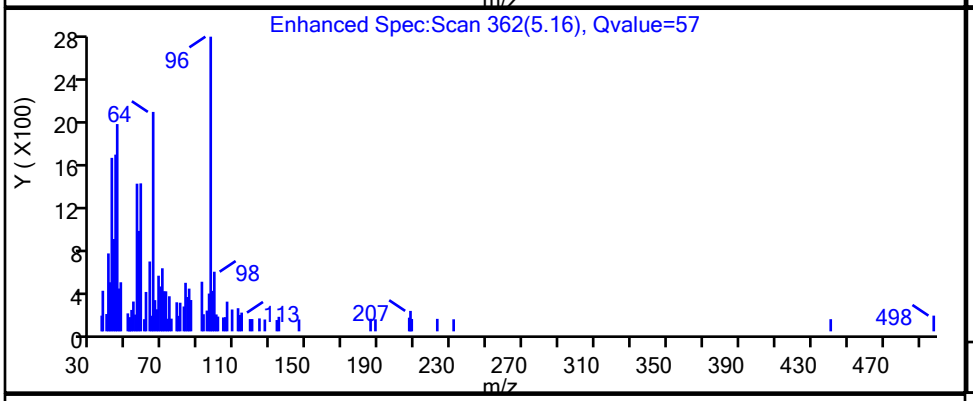
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

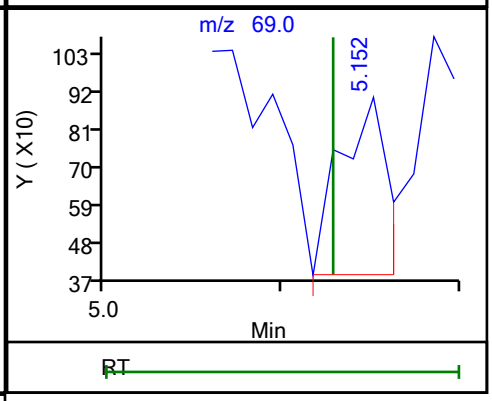
74 Methyl methacrylate, CAS: 80-62-6

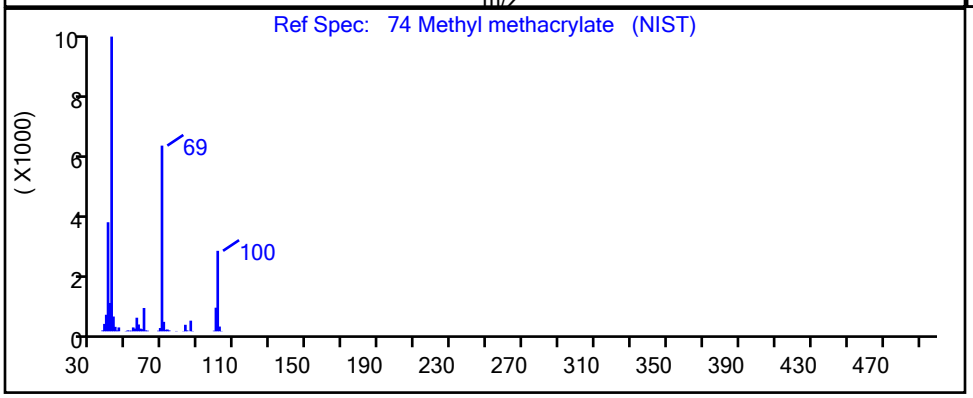
Processing Results











RT	Mass	Response	Amount
5.16	100.00	94	0.062499
5.15	69.00	994	

Reviewer: K0HS, 05-Jan-2024 07:42:22 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

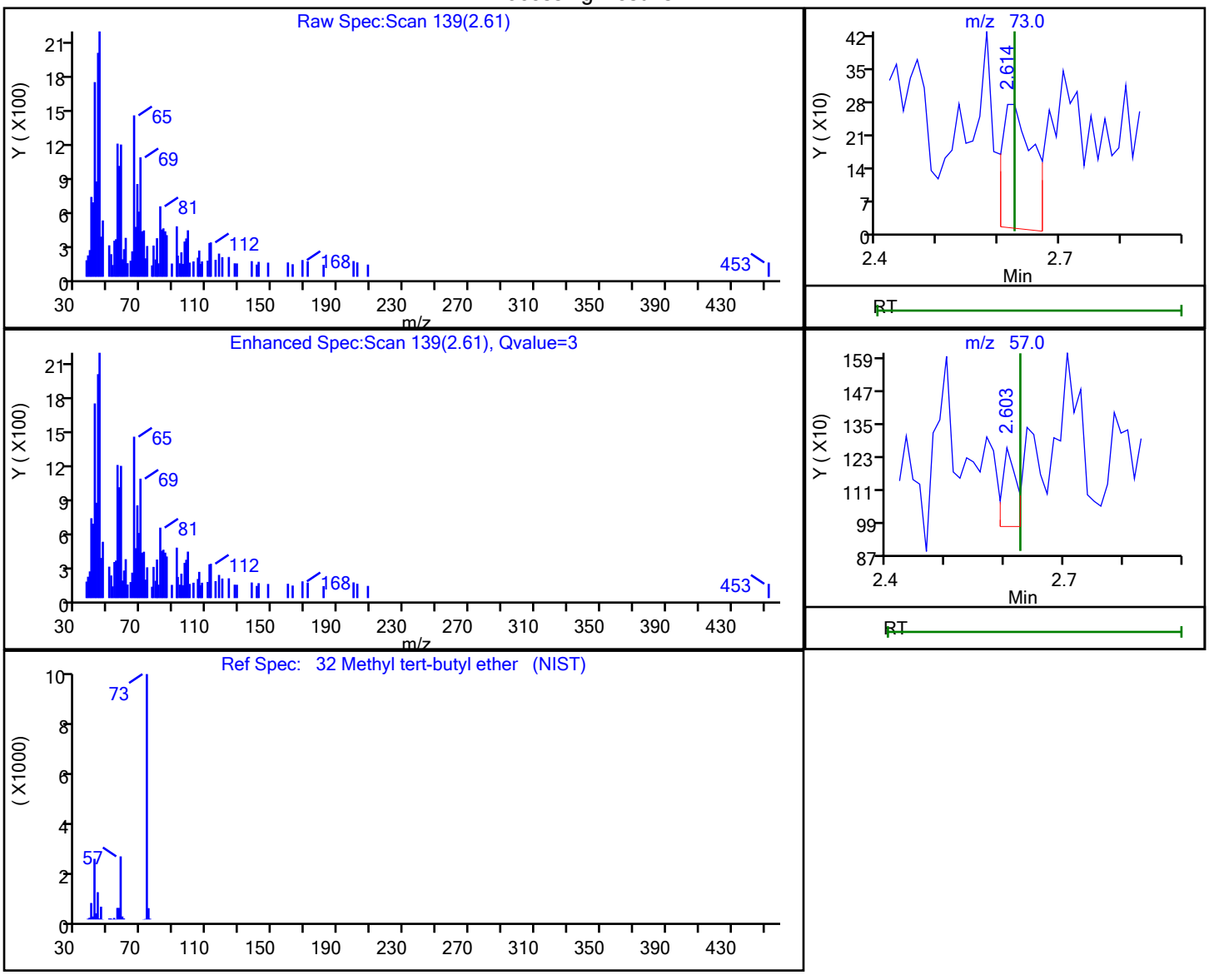
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

32 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results



RT	Mass	Response	Amount
2.61	73.00	969	0.056724
2.60	57.00	477	

Reviewer: K0HS, 05-Jan-2024 07:41:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

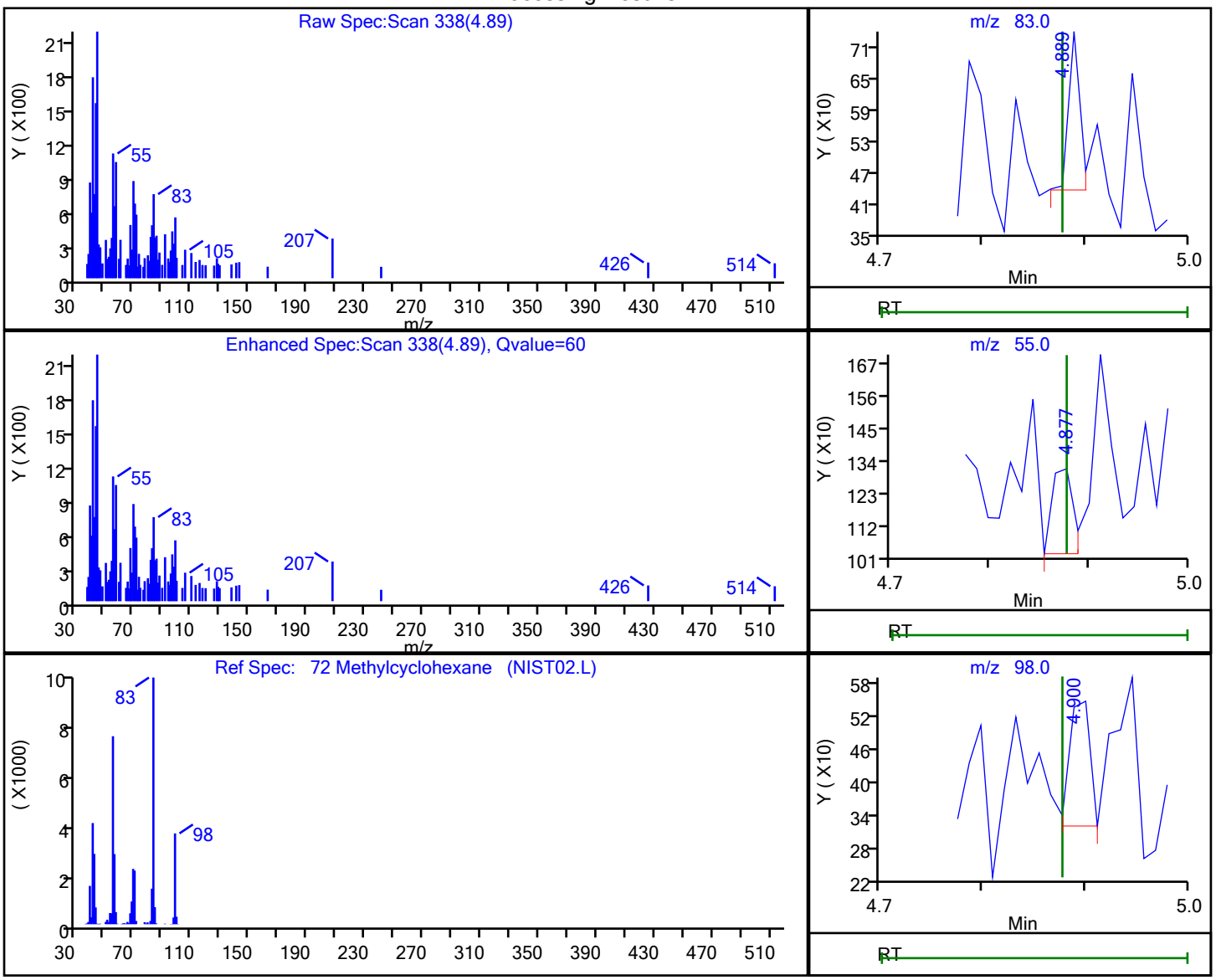
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

72 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.89	83.00	234	0.025624
4.88	55.00	448	
4.90	98.00	318	

Reviewer: K0HS, 05-Jan-2024 07:42:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

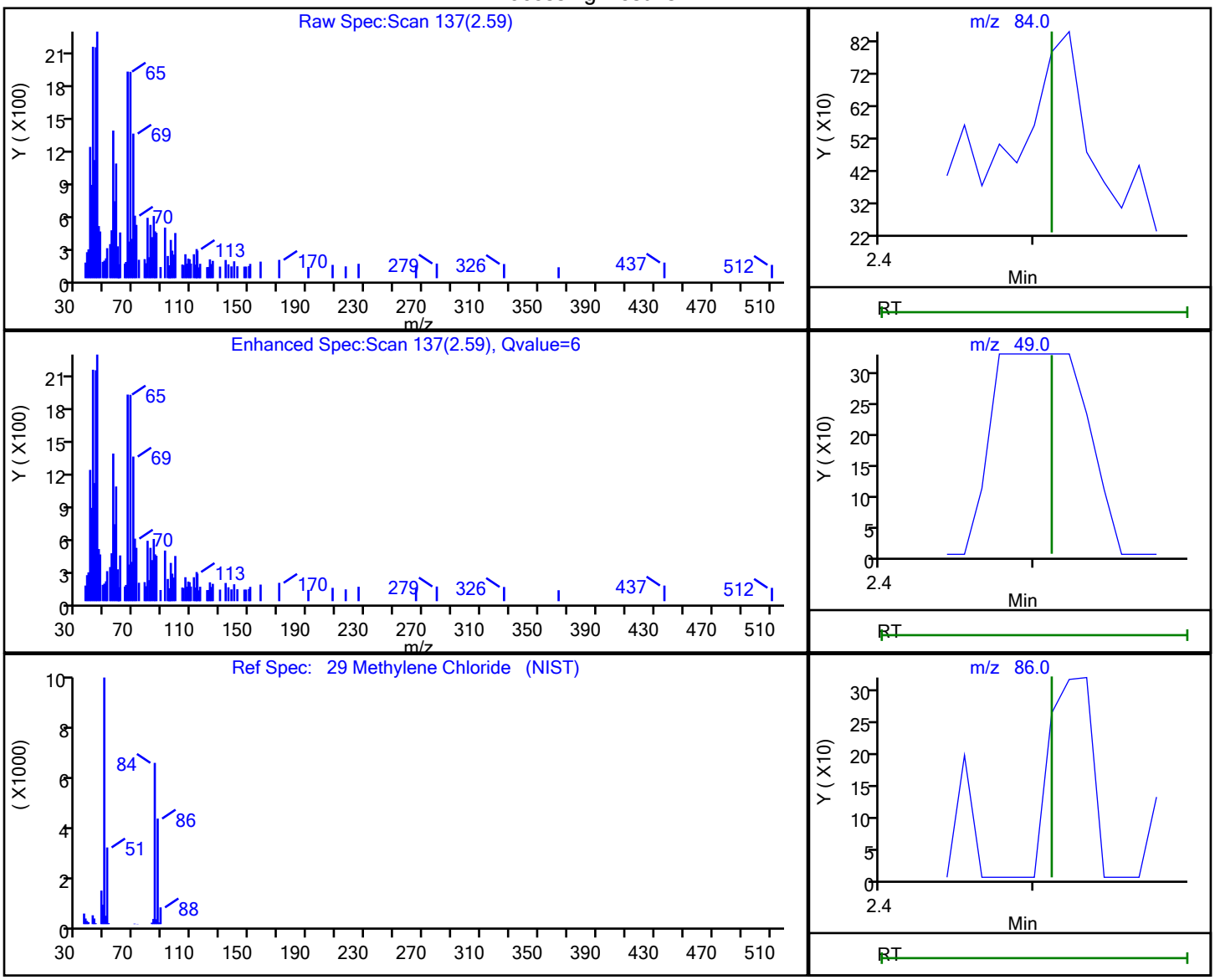
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

29 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.59	84.00	157	0.025187
2.59	49.00	194	
2.58	86.00	156	

Reviewer: K0HS, 05-Jan-2024 07:41:11 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

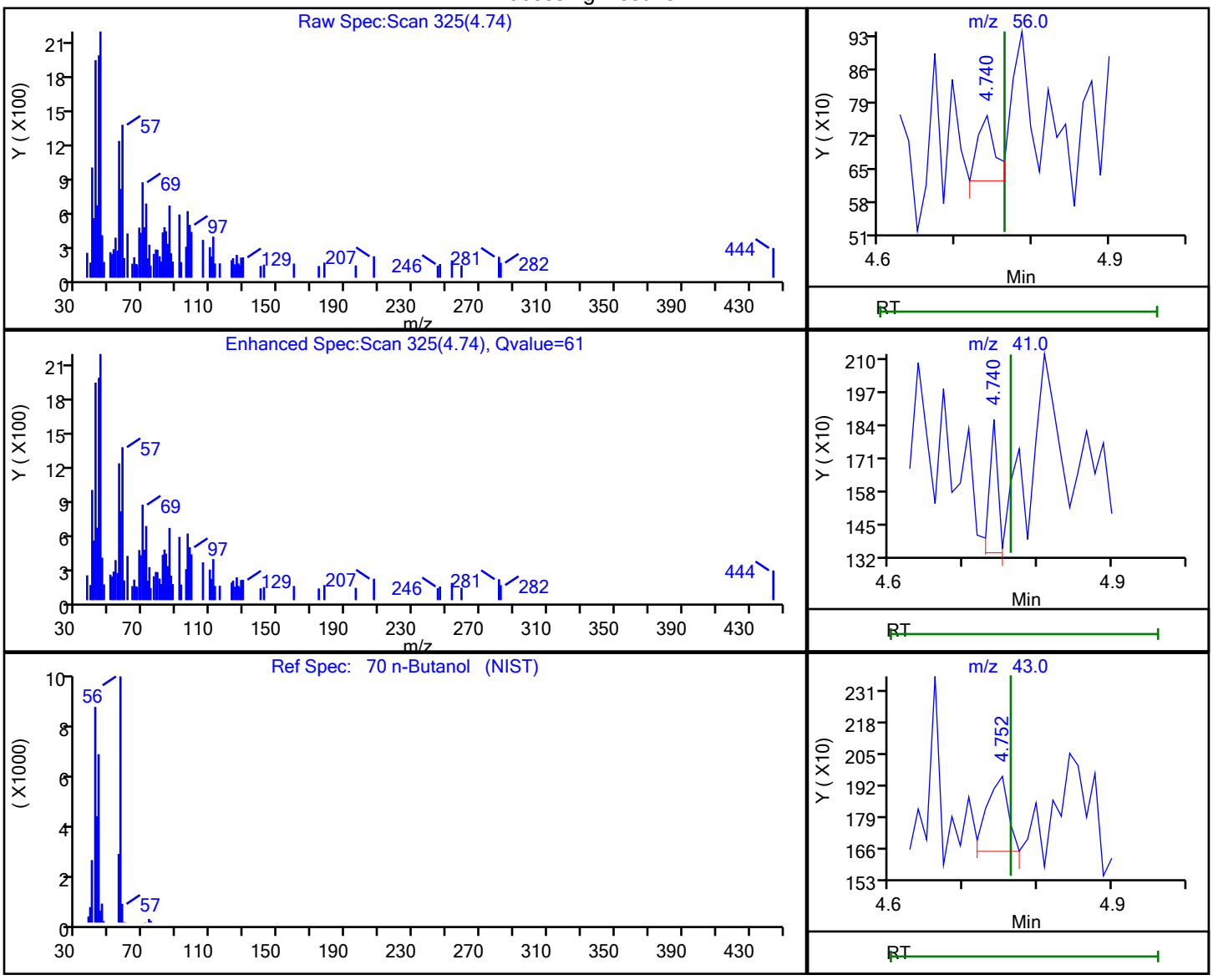
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.74	56.00	224	3.606063
4.74	41.00	422	
4.75	43.00	629	

Reviewer: K0HS, 05-Jan-2024 07:42:12 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

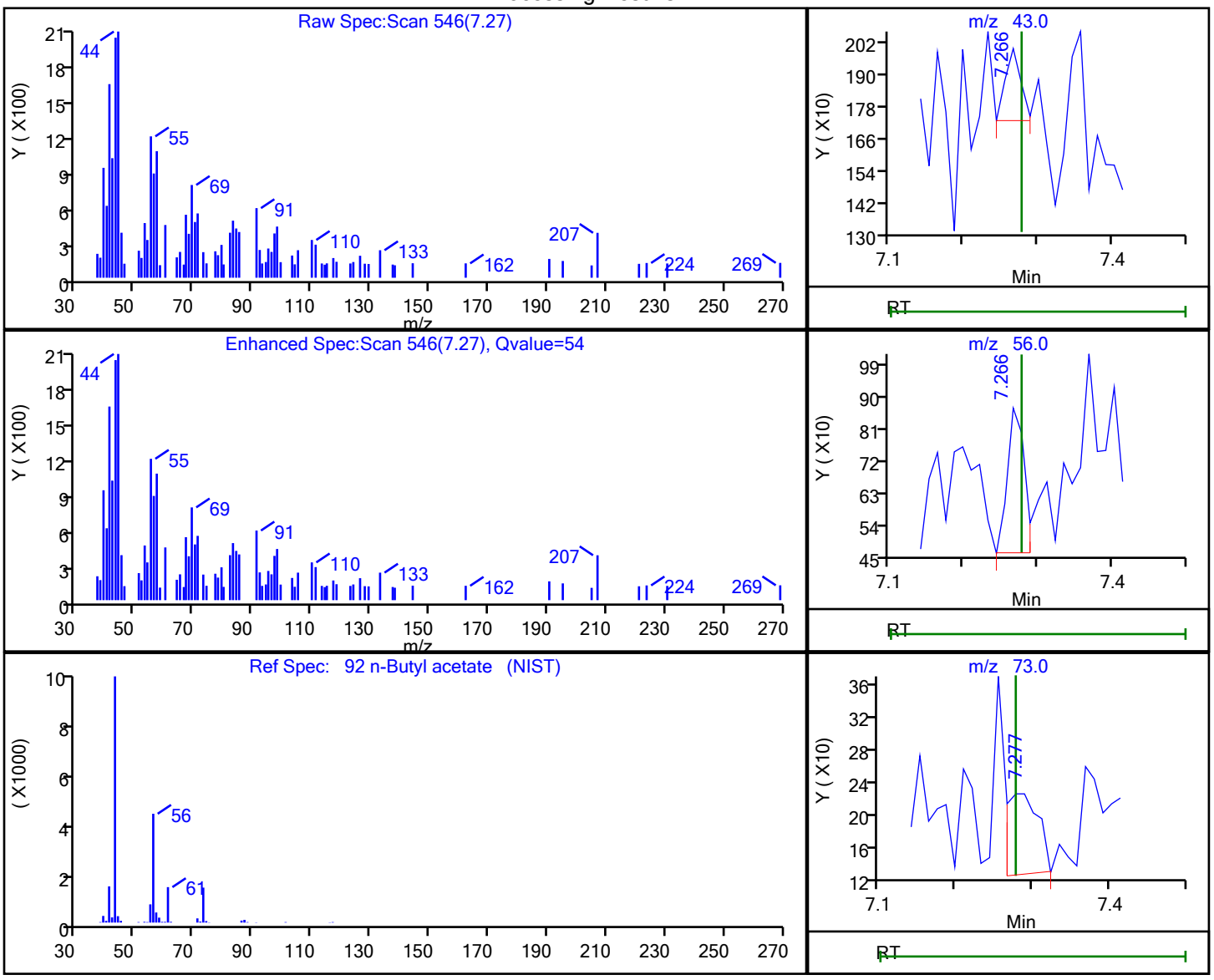
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

92 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.27	43.00	397	0.040379
7.27	56.00	660	
7.28	73.00	289	

Reviewer: K0HS, 05-Jan-2024 07:42:51 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

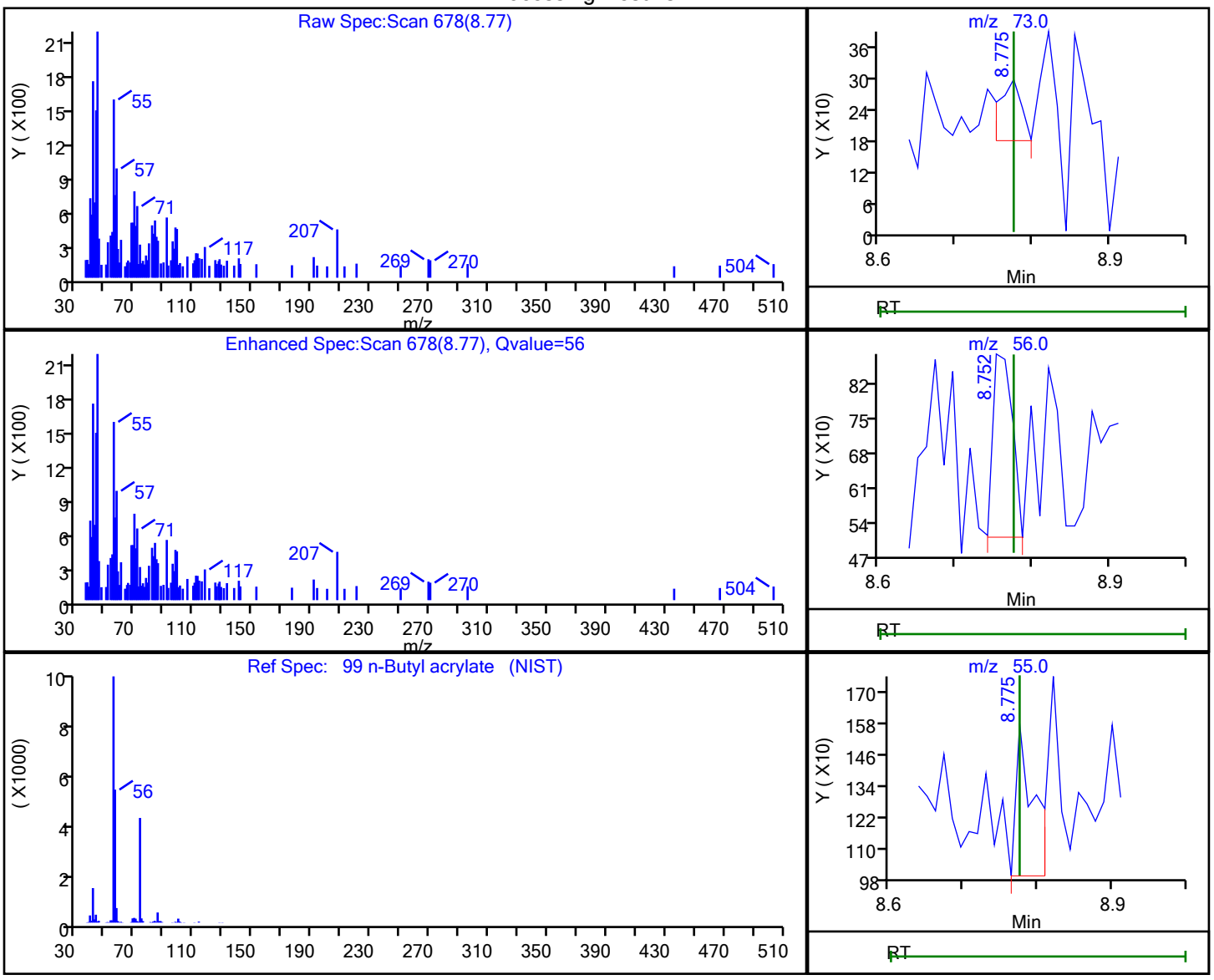
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.77	73.00	236	0.056212
8.75	56.00	654	
8.77	55.00	979	

Reviewer: K0HS, 05-Jan-2024 07:43:06 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

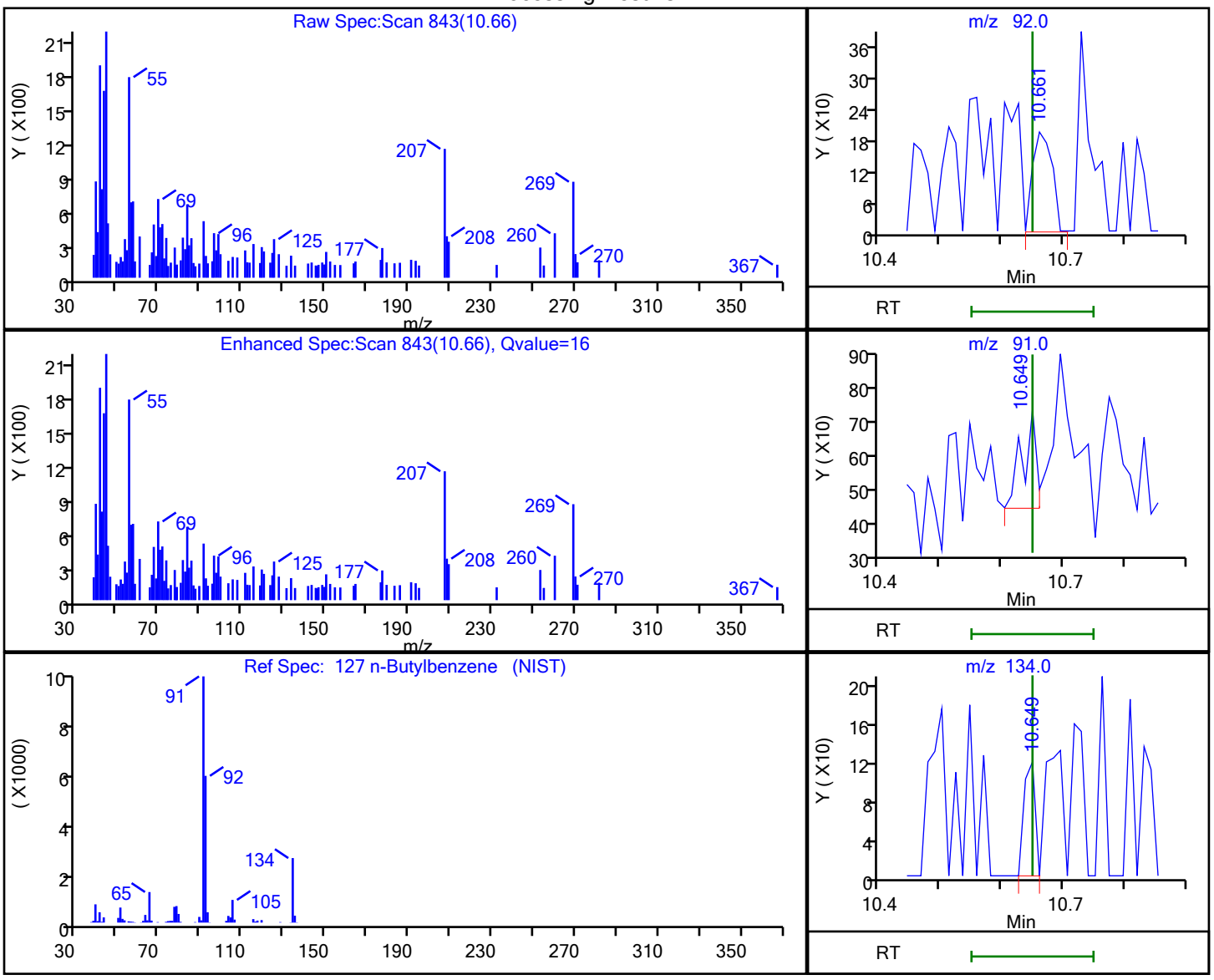
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

127 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
10.66	92.00	418	0.040298
10.65	91.00	458	
10.65	134.00	152	

Reviewer: K0HS, 05-Jan-2024 07:43:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

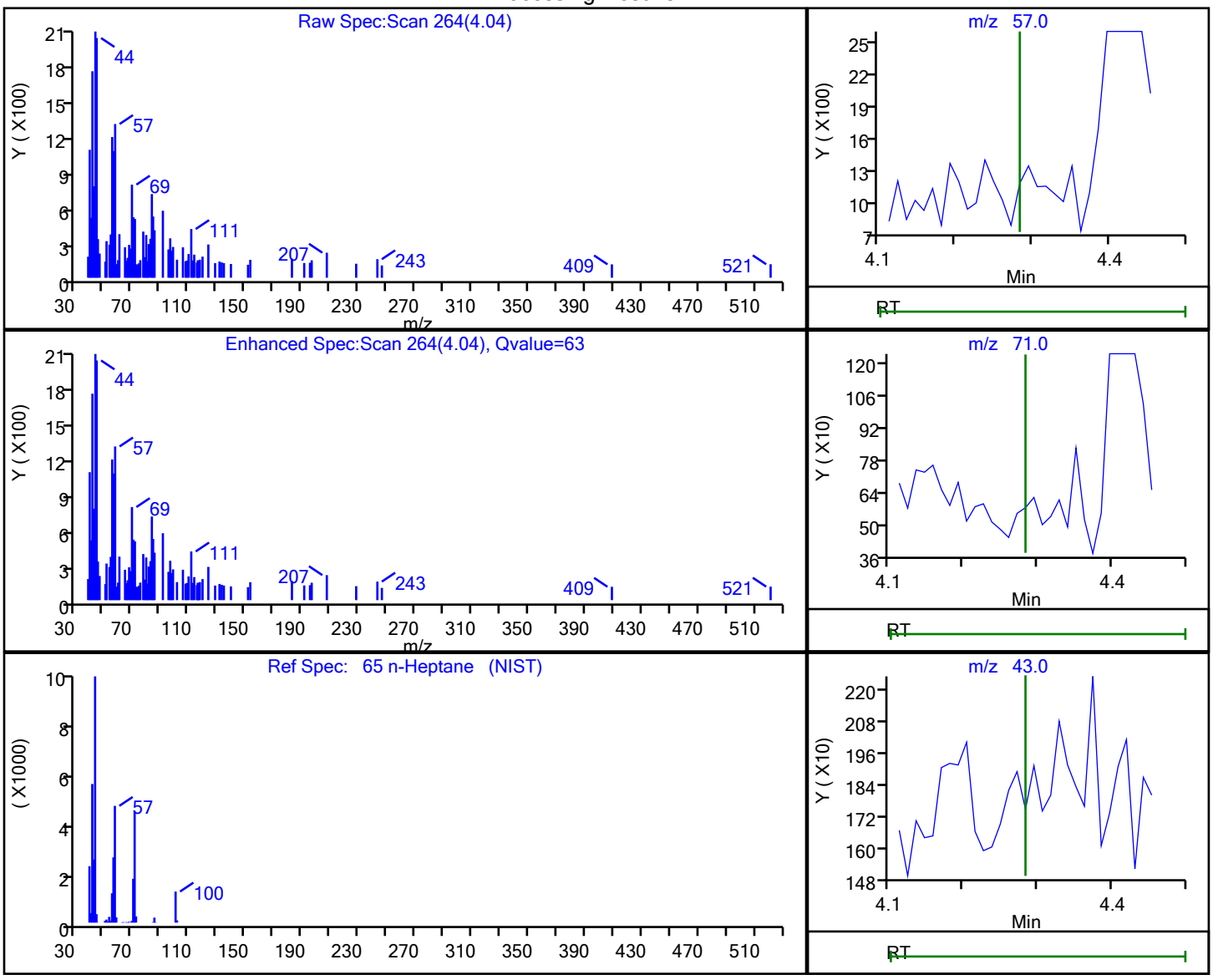
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.04	57.00	1123	0.332666
4.05	71.00	431	
4.05	43.00	1760	

Reviewer: K0HS, 05-Jan-2024 07:42:10 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

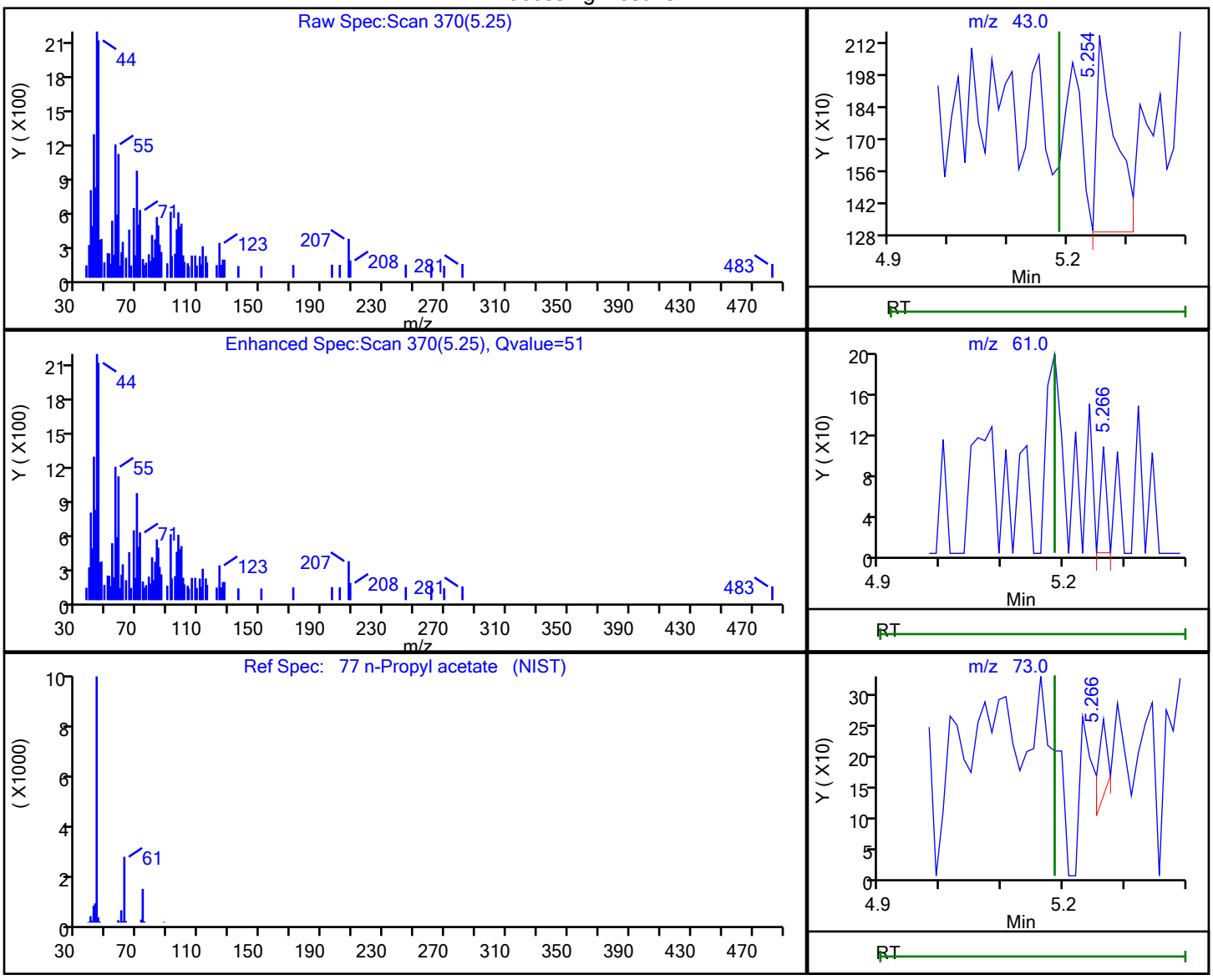
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

77 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.25	43.00	1853	0.212794
5.27	61.00	73	
5.27	73.00	132	

Reviewer: K0HS, 05-Jan-2024 07:42:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

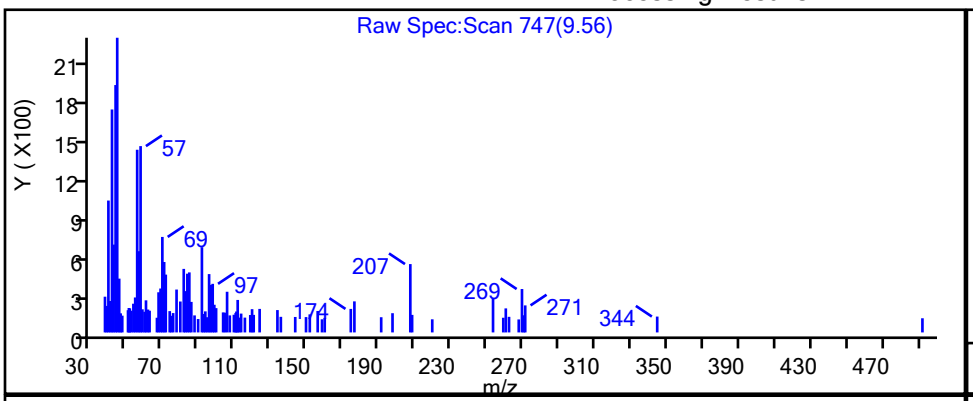
User Disabled Compound Report

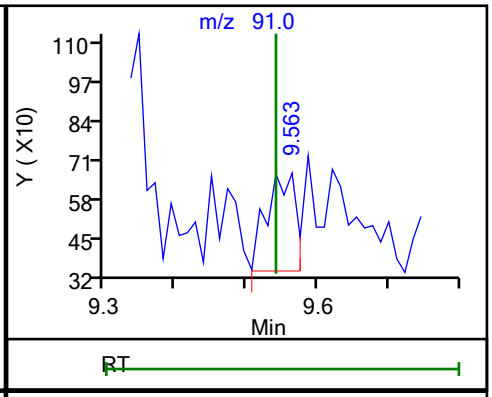
Eurofins Edison

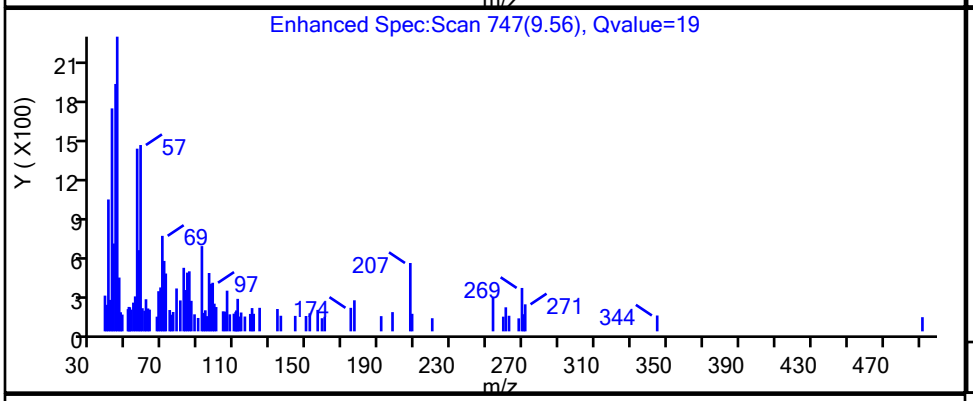
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

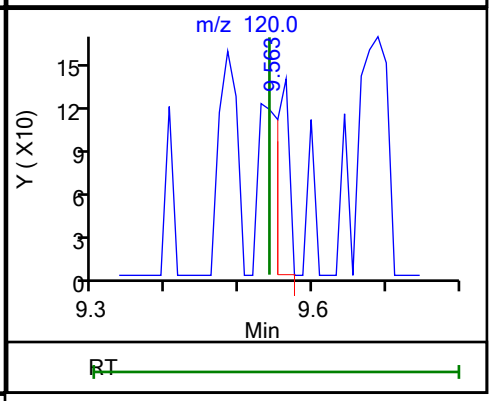
109 N-Propylbenzene, CAS: 103-65-1

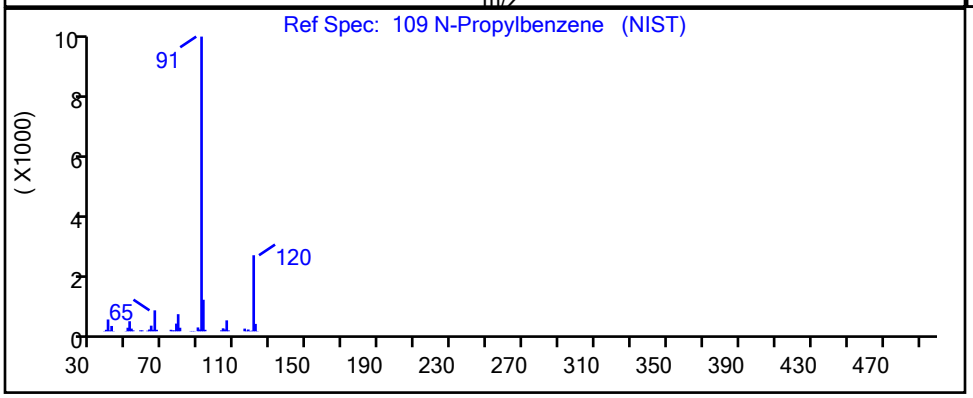
Processing Results











RT	Mass	Response	Amount
9.56	91.00	931	0.029937
9.56	120.00	166	

Reviewer: K0HS, 05-Jan-2024 07:43:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

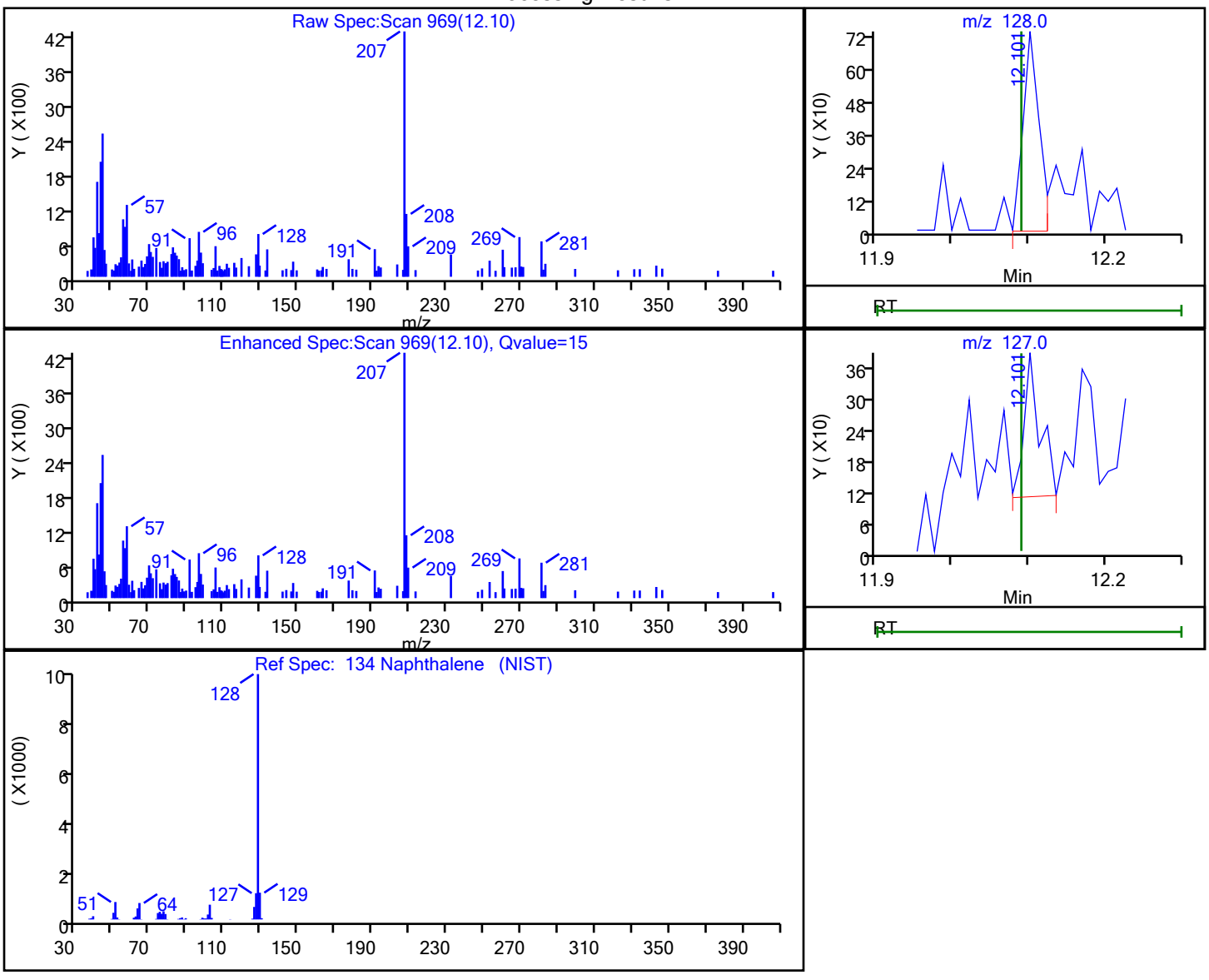
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.10	128.00	1094	0.064757
12.10	127.00	405	

Reviewer: K0HS, 05-Jan-2024 07:44:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

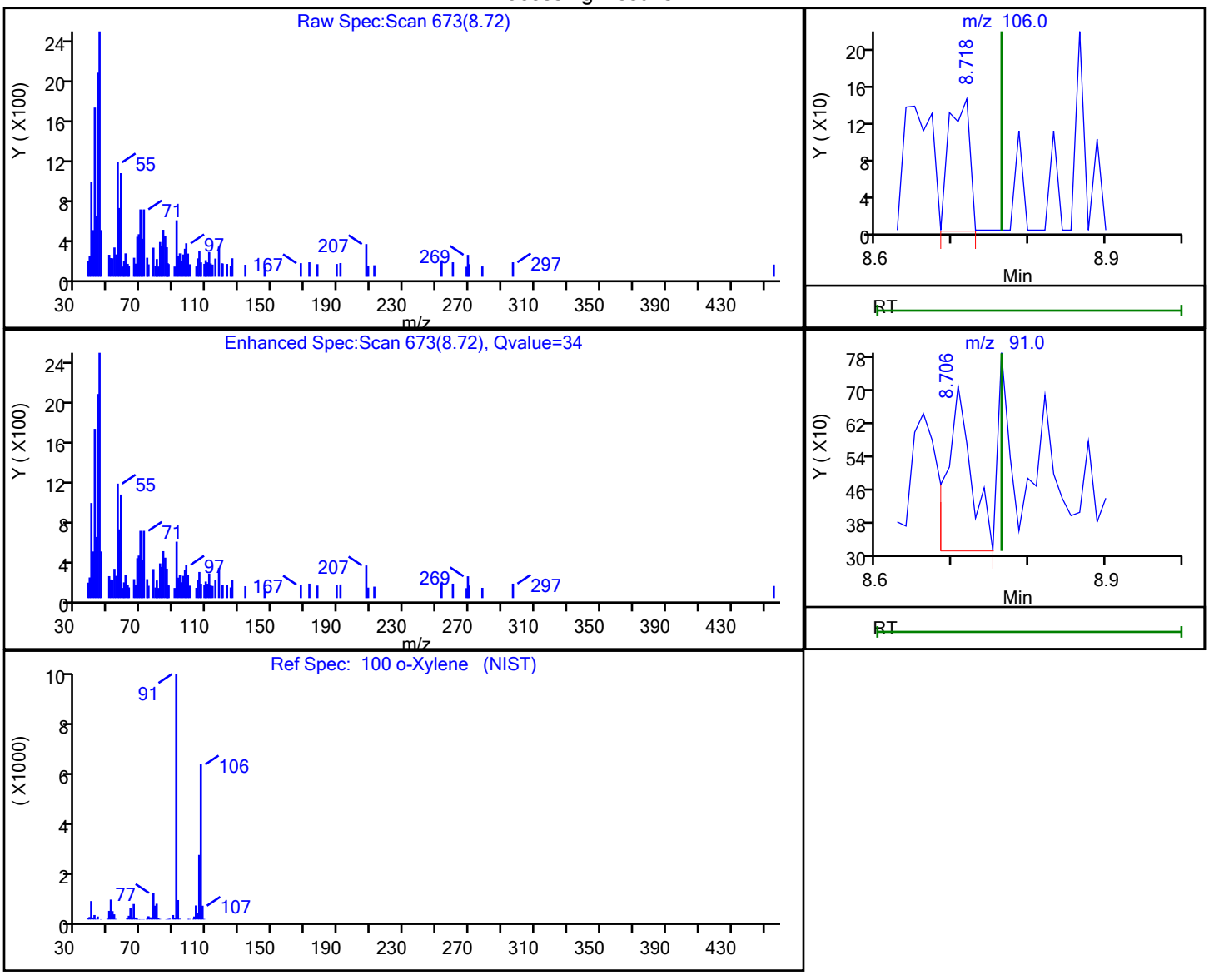
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

100 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
8.72	106.00	269	0.024969
8.71	91.00	857	

Reviewer: K0HS, 05-Jan-2024 07:43:04 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

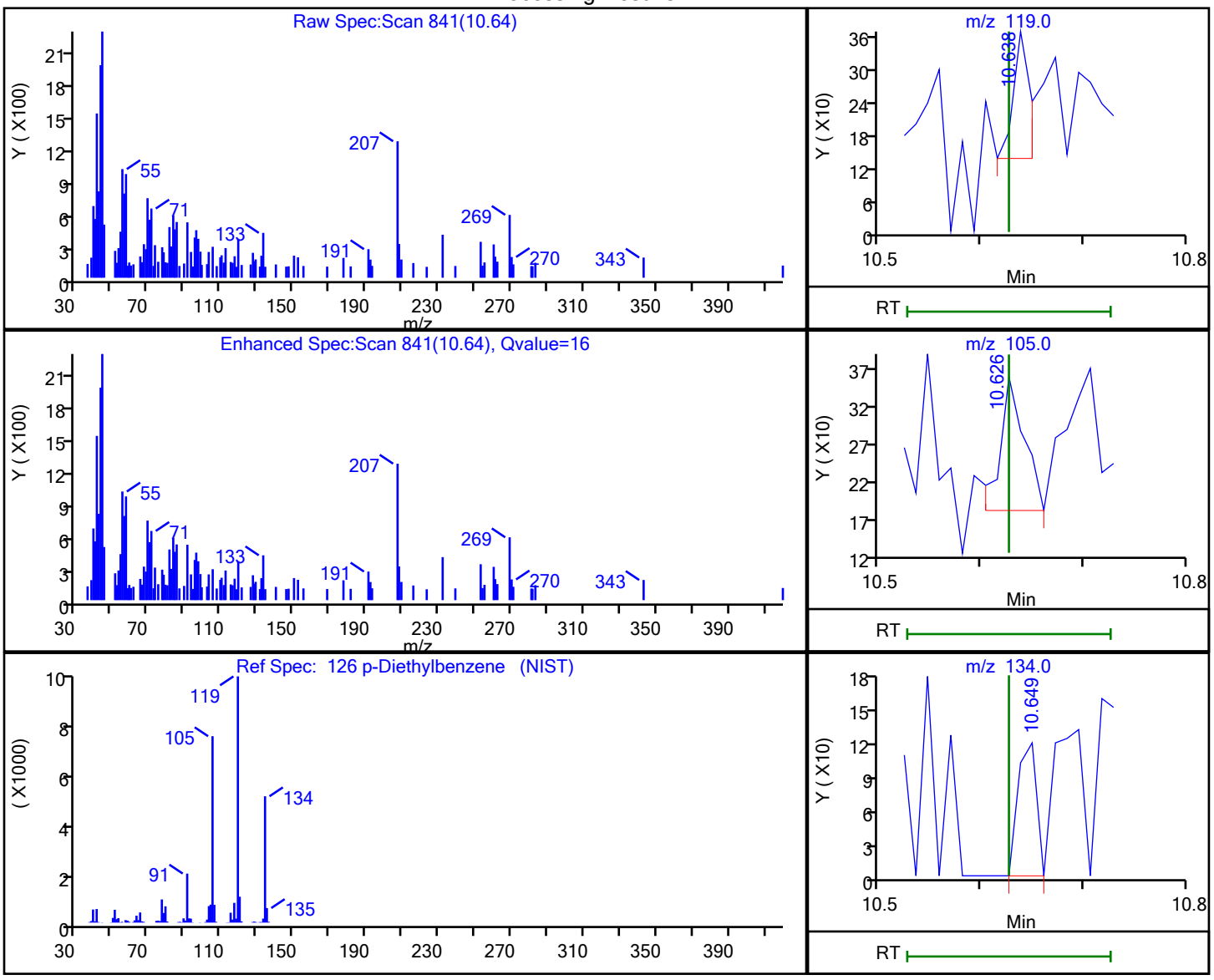
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
10.64	119.00	261	0.020427
10.63	105.00	294	
10.65	134.00	152	

Reviewer: K0HS, 05-Jan-2024 07:43:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

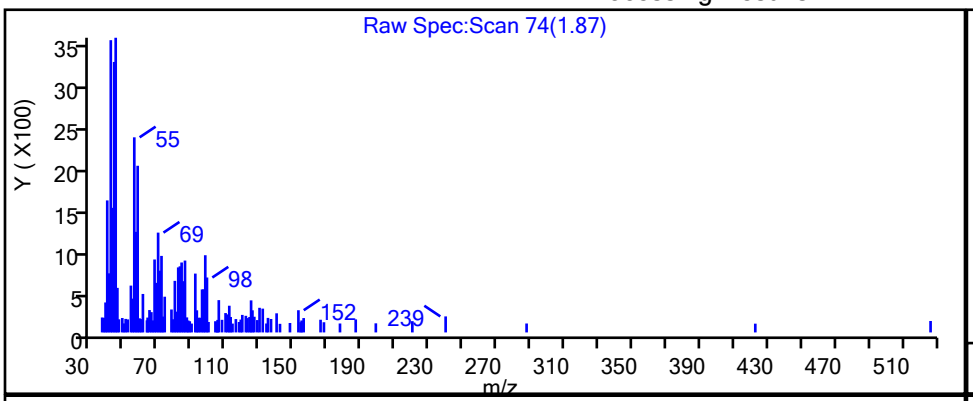
User Disabled Compound Report

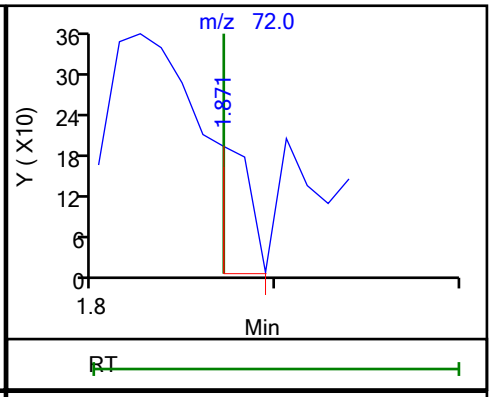
Eurofins Edison

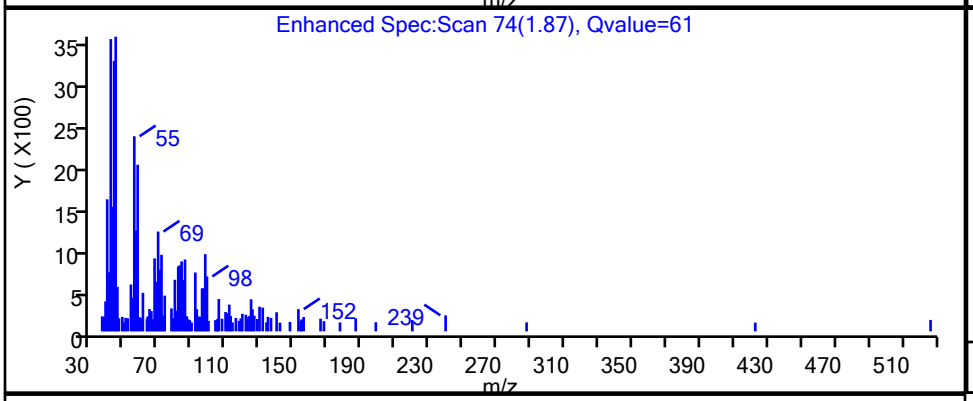
Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D				
Injection Date:	04-Jan-2024 23:54:30	Instrument ID:	CVOAMS7		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_7	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS Quad		

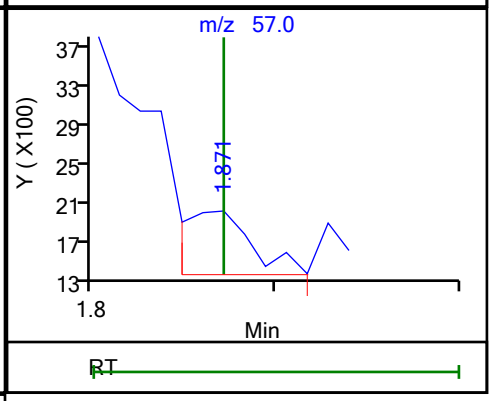
13 Pentane, CAS: 109-66-0

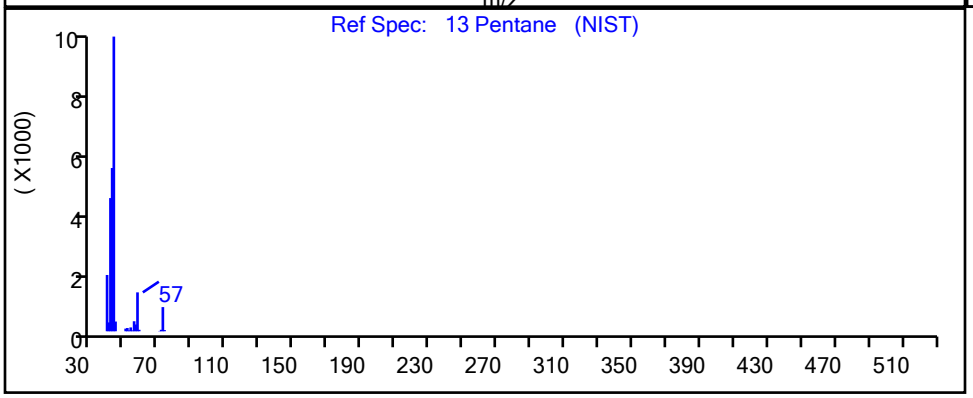
Processing Results











RT	Mass	Response	Amount
1.87	72.00	250	0.250740
1.87	57.00	1726	

Reviewer: K0HS, 05-Jan-2024 07:40:34 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

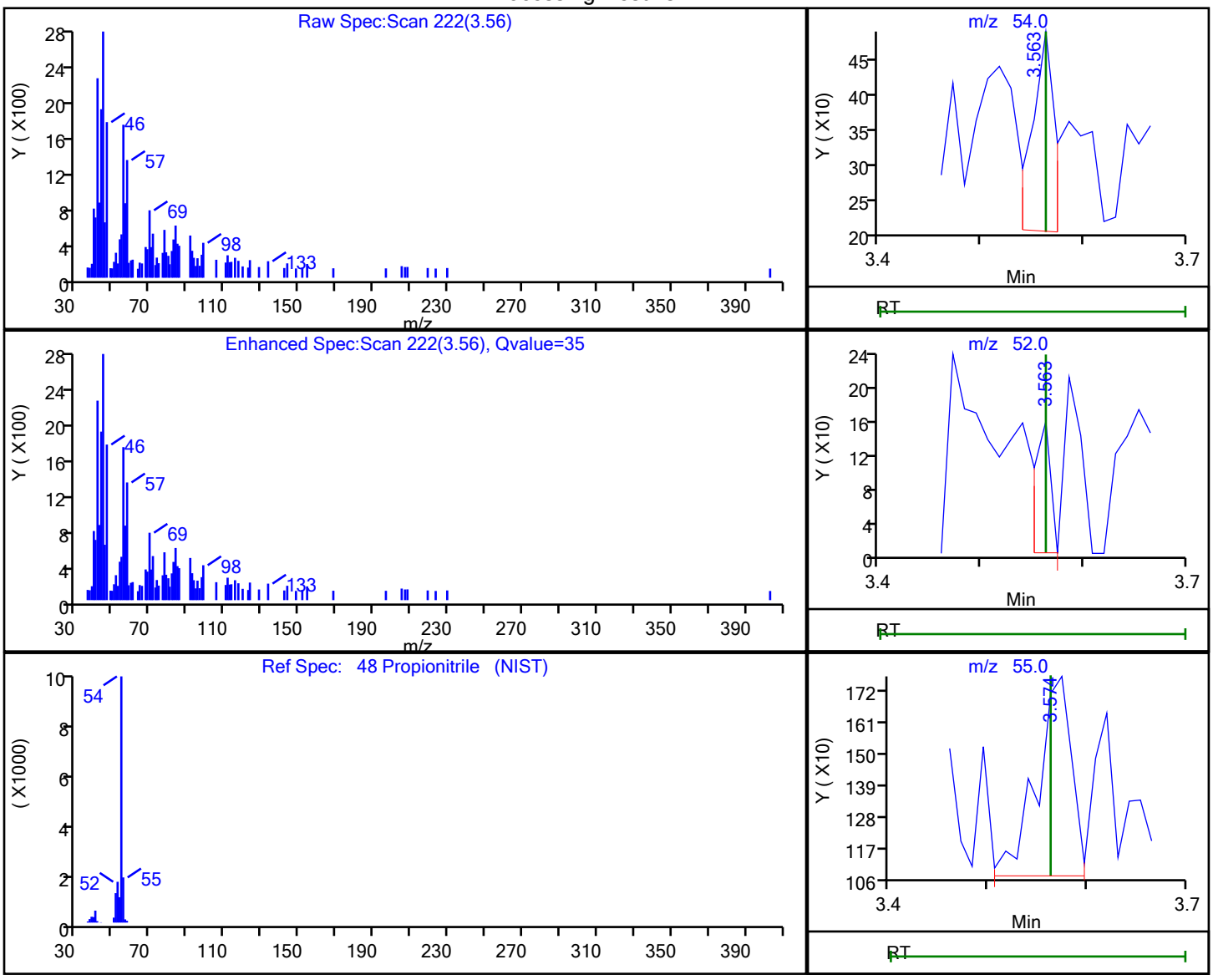
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.56	54.00	435	0.717335
3.56	52.00	180	
3.57	55.00	1730	

Reviewer: K0HS, 05-Jan-2024 07:41:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

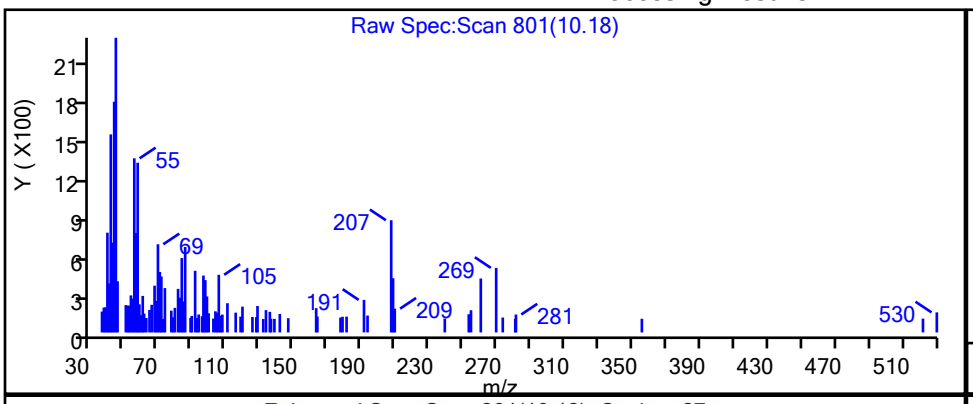
User Disabled Compound Report

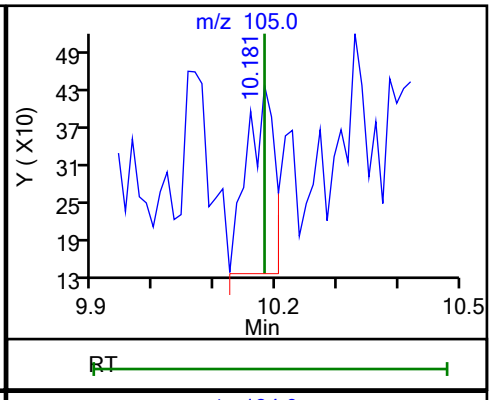
Eurofins Edison

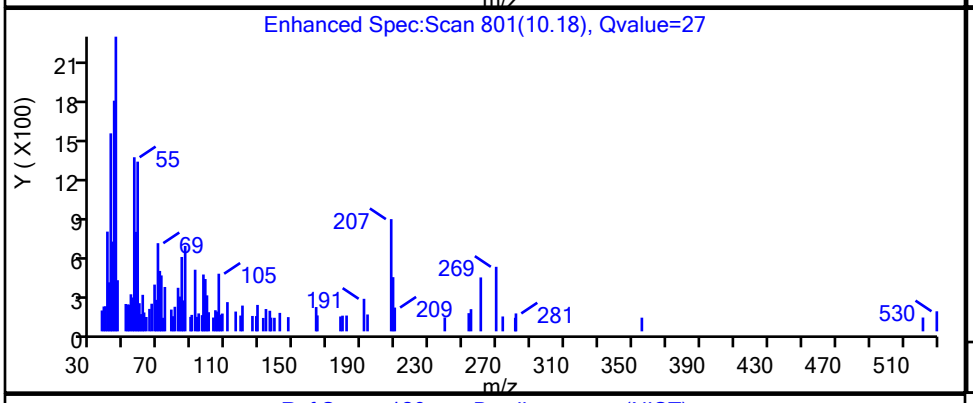
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

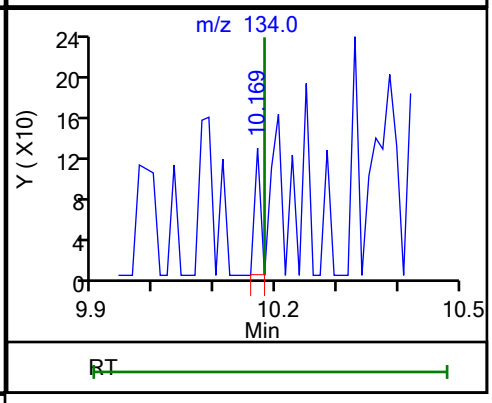
120 sec-Butylbenzene, CAS: 135-98-8

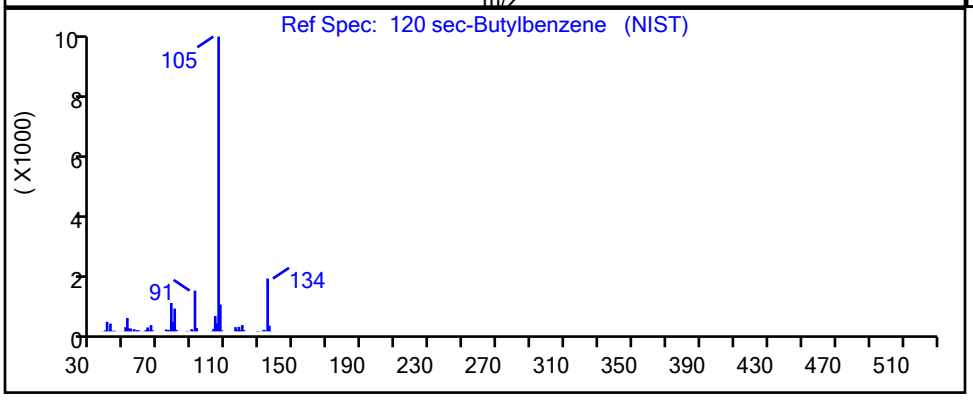
Processing Results











RT	Mass	Response	Amount
10.18	105.00	940	0.037578
10.17	134.00	88	

Reviewer: K0HS, 05-Jan-2024 07:43:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

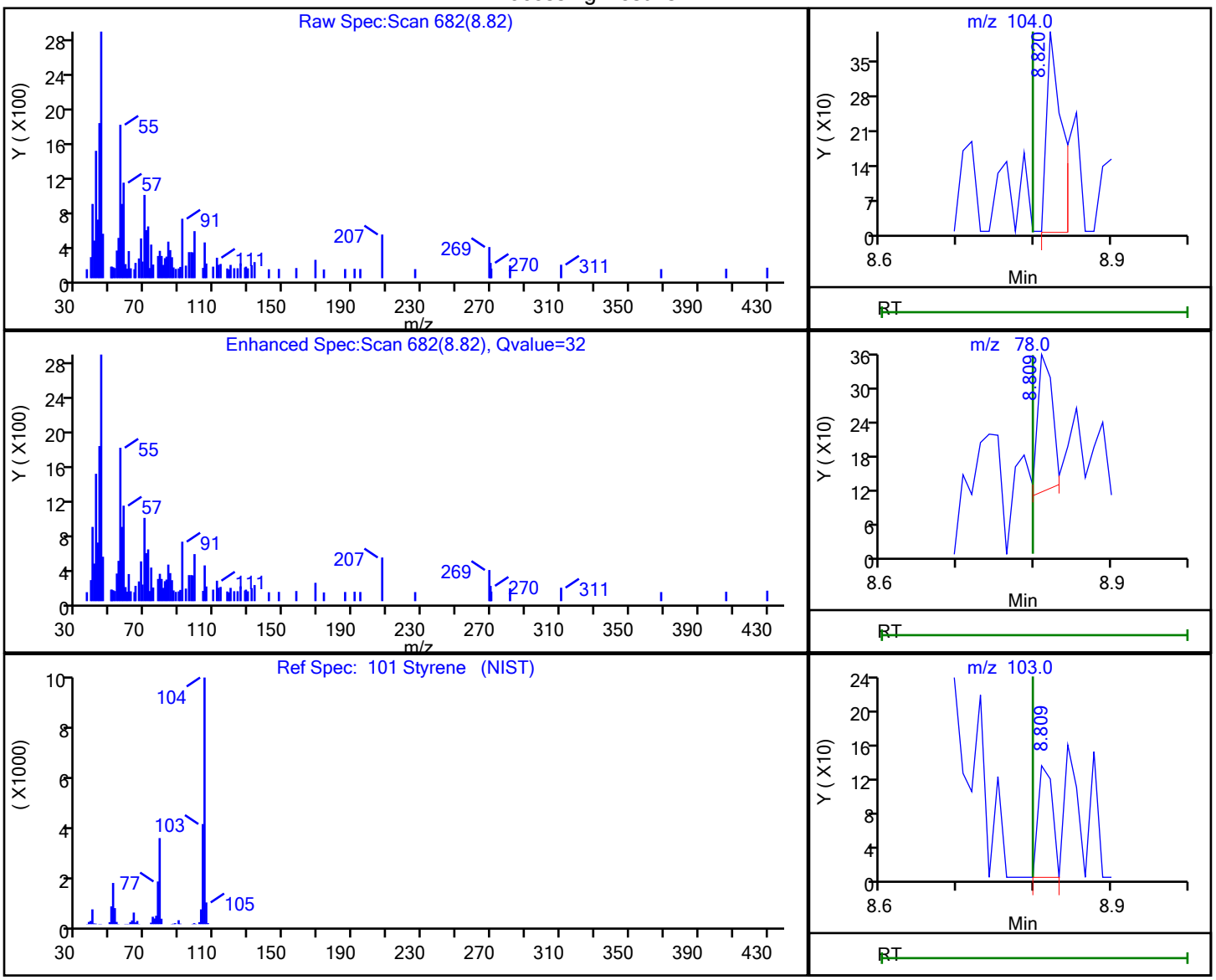
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.82	104.00	568	0.033091
8.81	78.00	326	
8.81	103.00	173	

Reviewer: K0HS, 05-Jan-2024 07:43:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

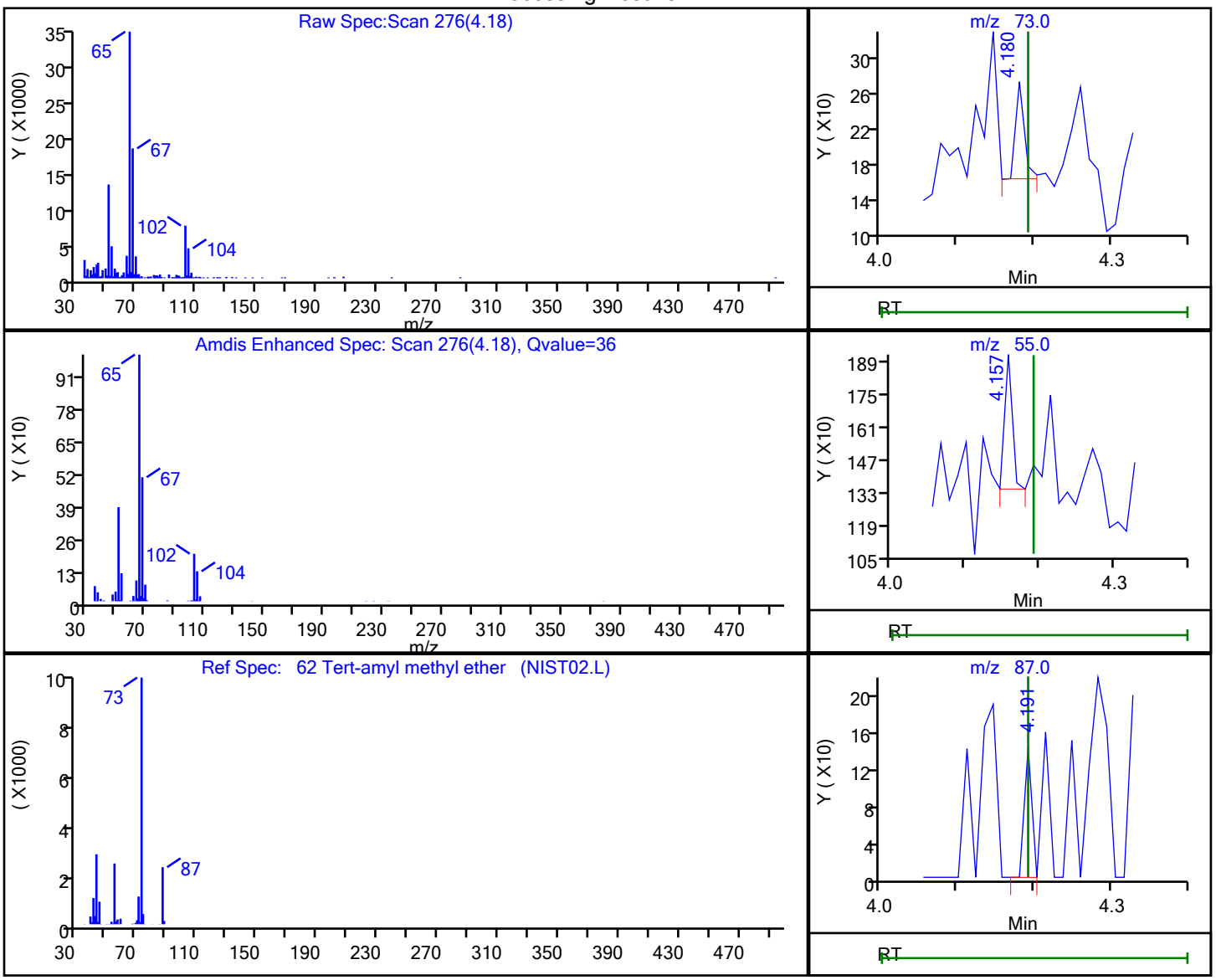
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
4.18	73.00	91	0.004815
4.16	55.00	420	
4.19	87.00	97	

Reviewer: K0HS, 05-Jan-2024 07:42:07 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

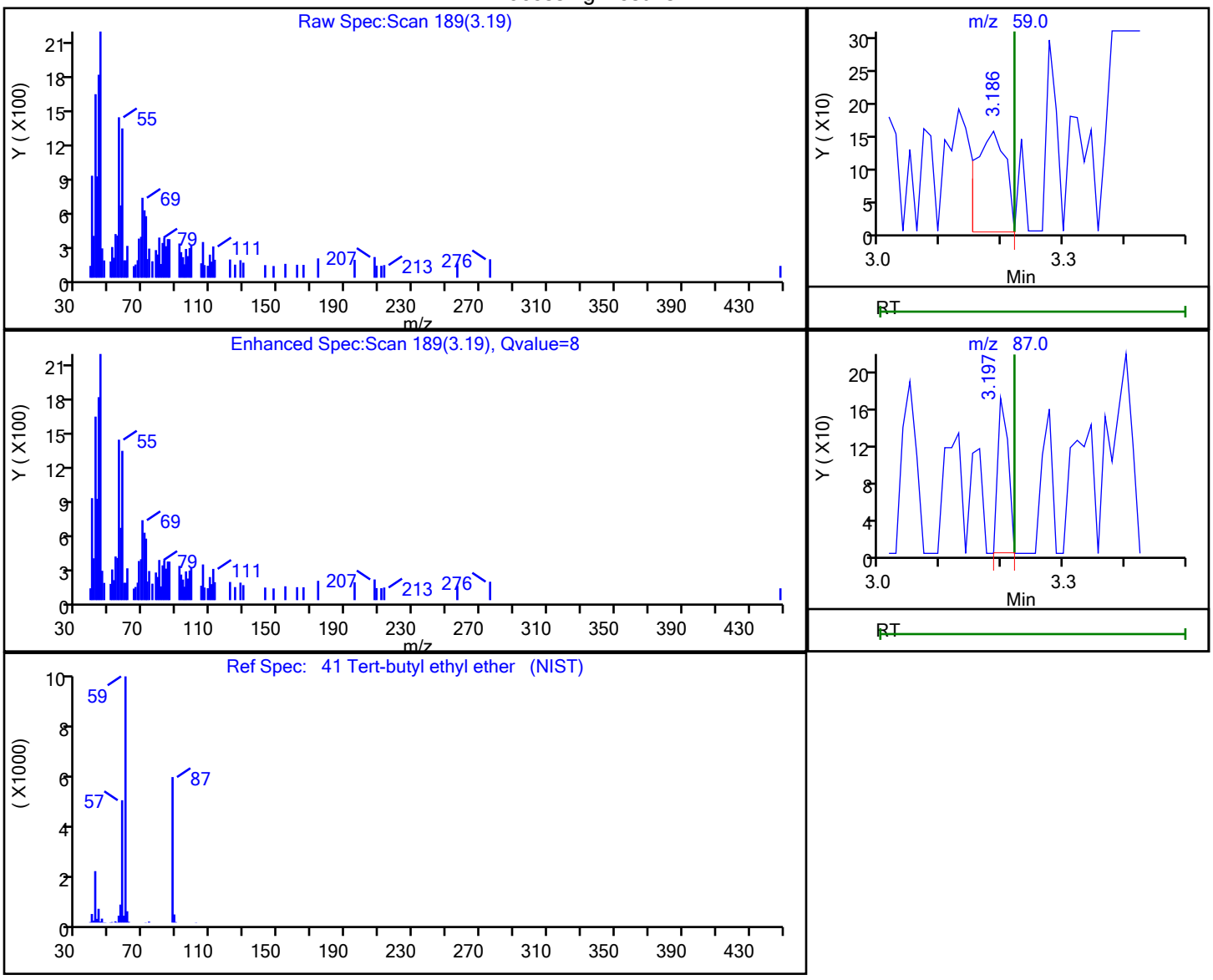
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
3.19	59.00	510	0.025659
3.20	87.00	201	

Reviewer: K0HS, 05-Jan-2024 07:41:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

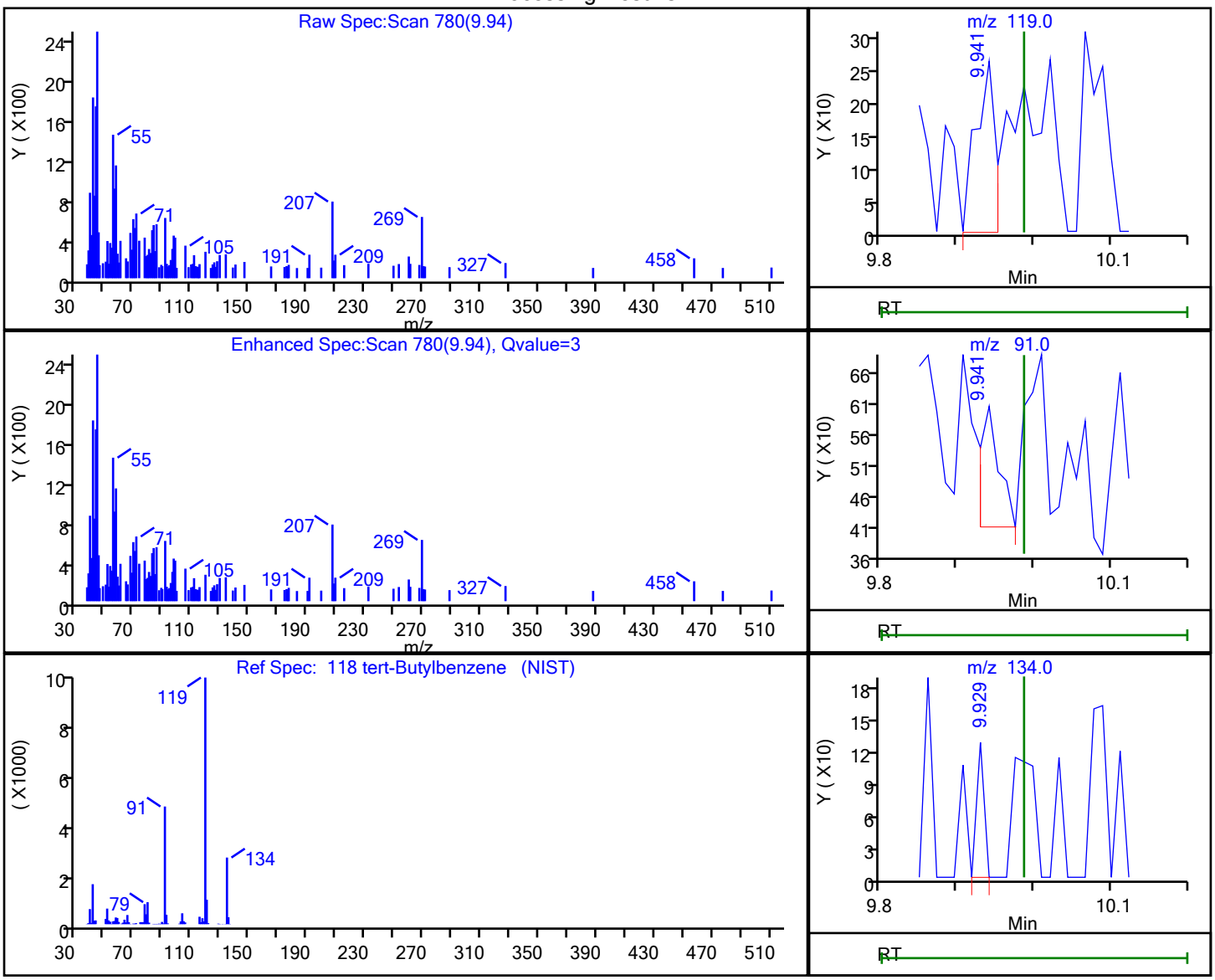
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

118 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.94	119.00	468	0.026042
9.94	91.00	338	
9.93	134.00	86	

Reviewer: K0HS, 05-Jan-2024 07:43:25 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

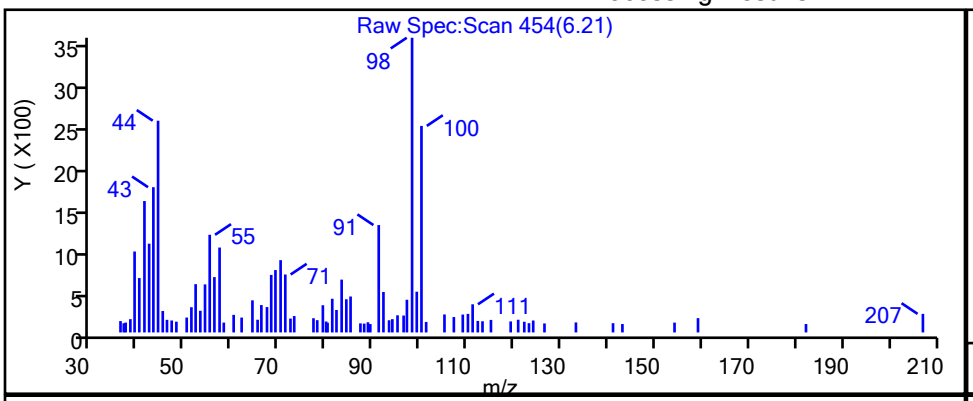
User Disabled Compound Report

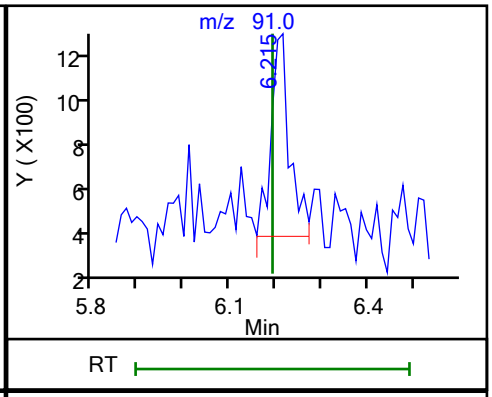
Eurofins Edison

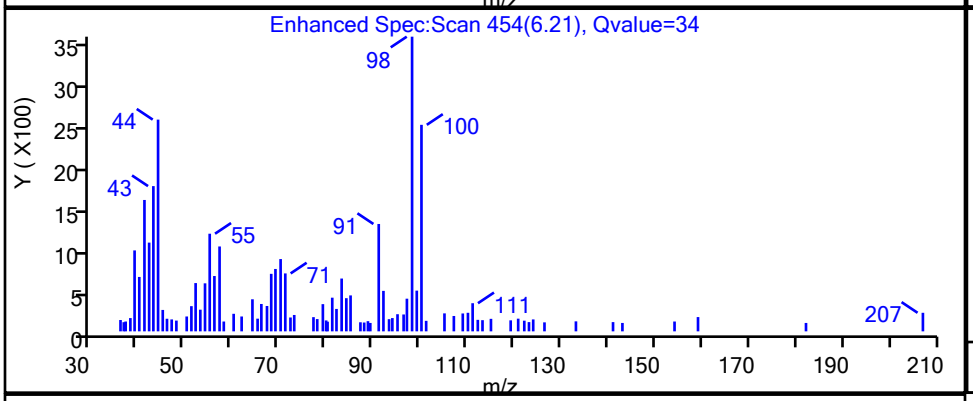
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

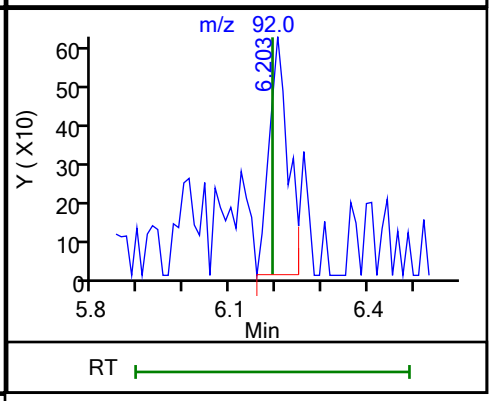
83 Toluene, CAS: 108-88-3

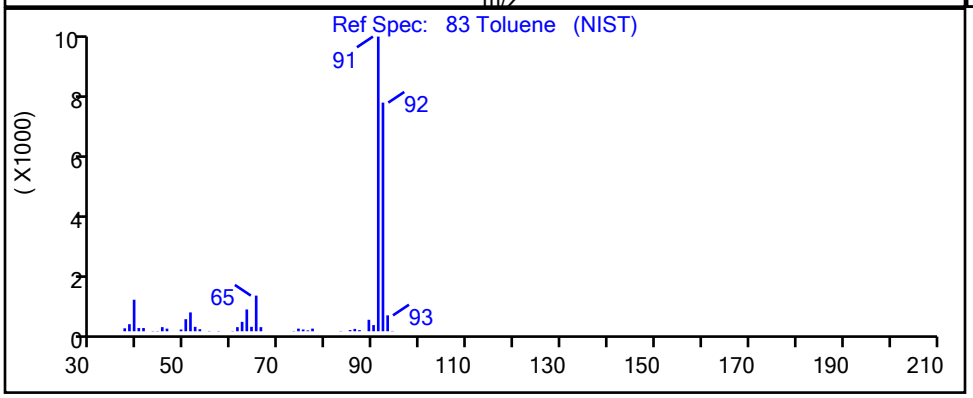
Processing Results











RT	Mass	Response	Amount
6.21	91.00	2368	0.085747
6.20	92.00	1809	

Reviewer: K0HS, 05-Jan-2024 07:42:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

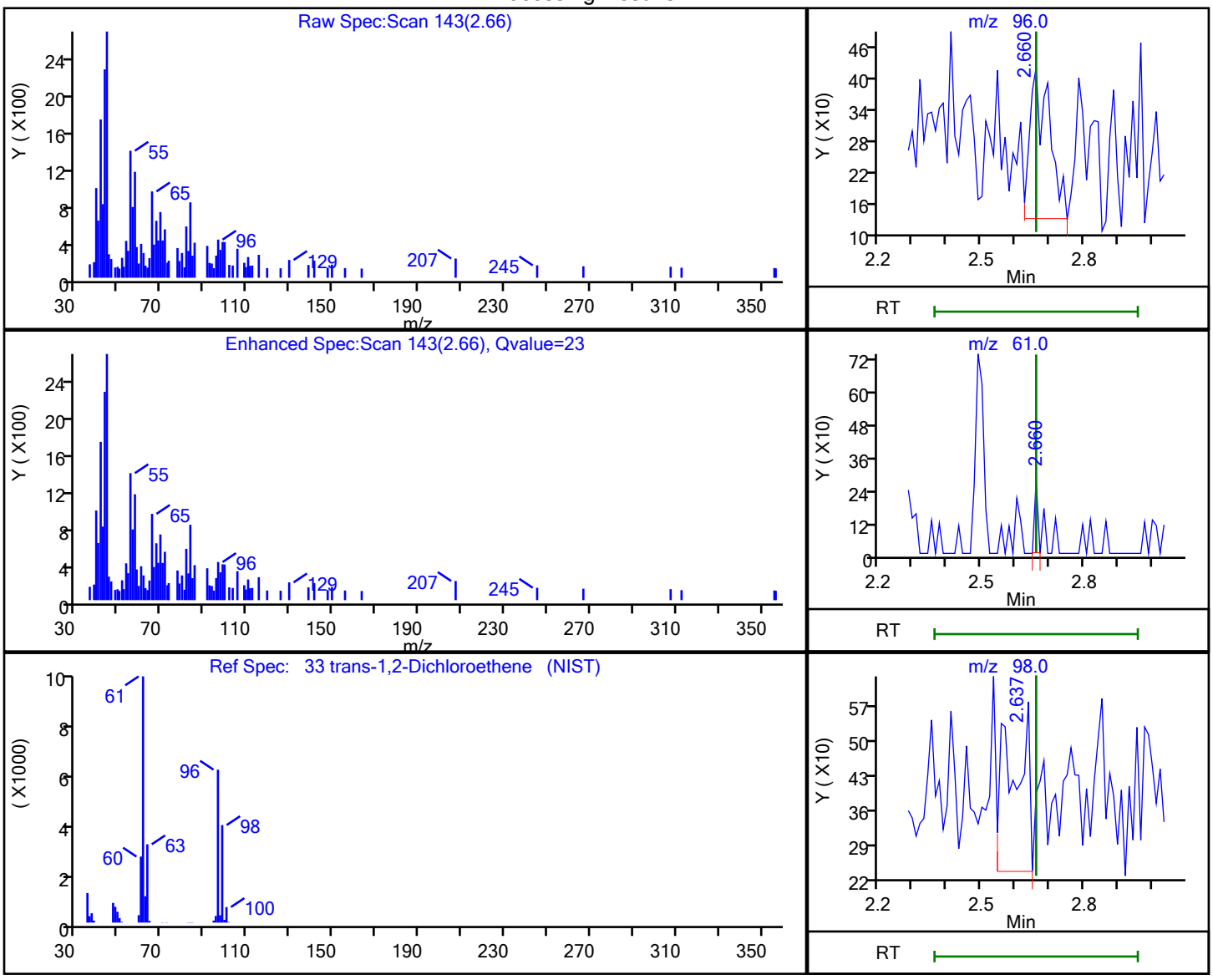
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

33 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.66	96.00	1149	0.137948
2.66	61.00	185	
2.64	98.00	1307	

Reviewer: K0HS, 05-Jan-2024 07:41:16 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

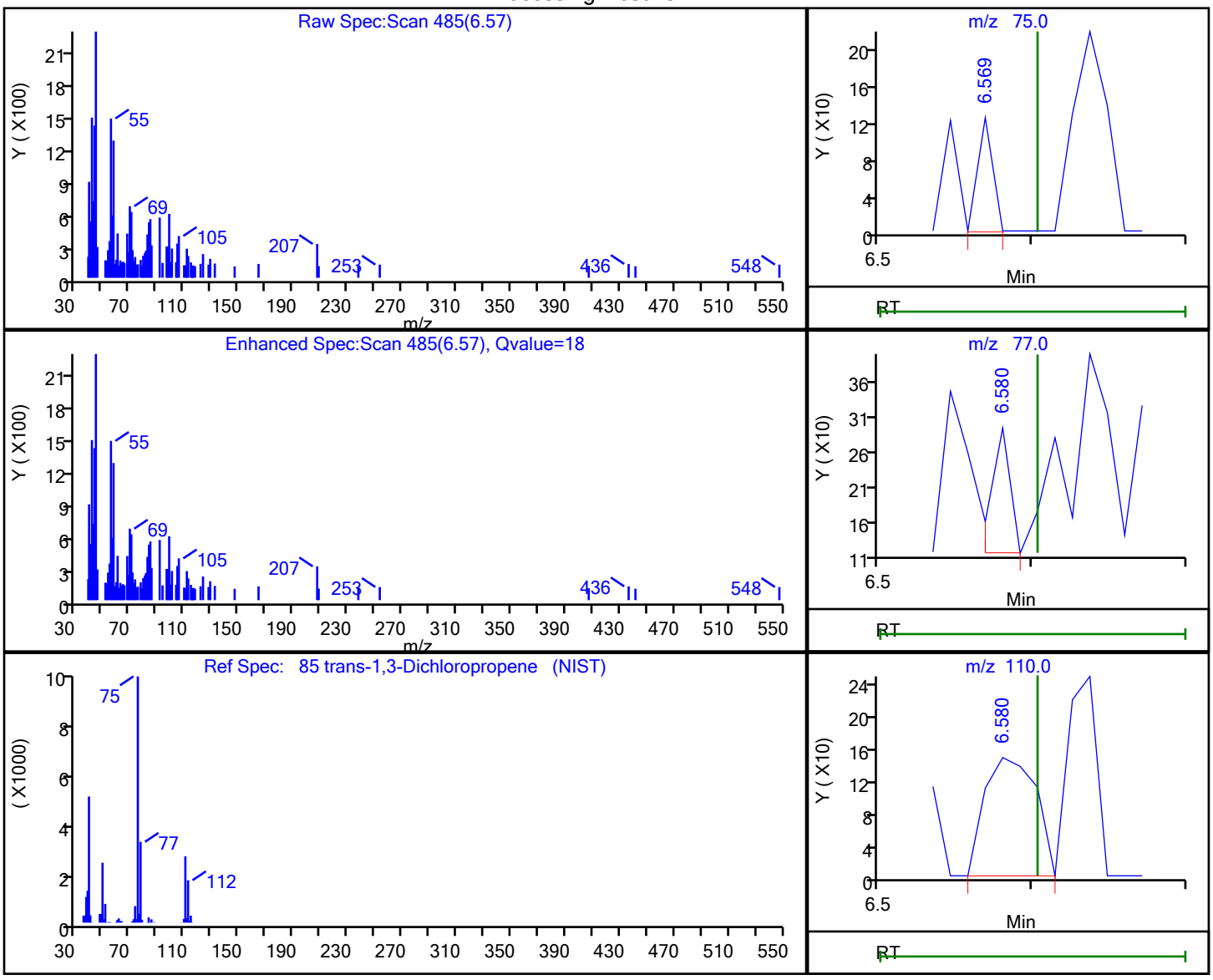
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
6.57	75.00	83	0.008616
6.58	77.00	153	
6.58	110.00	344	

Reviewer: K0HS, 05-Jan-2024 07:42:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

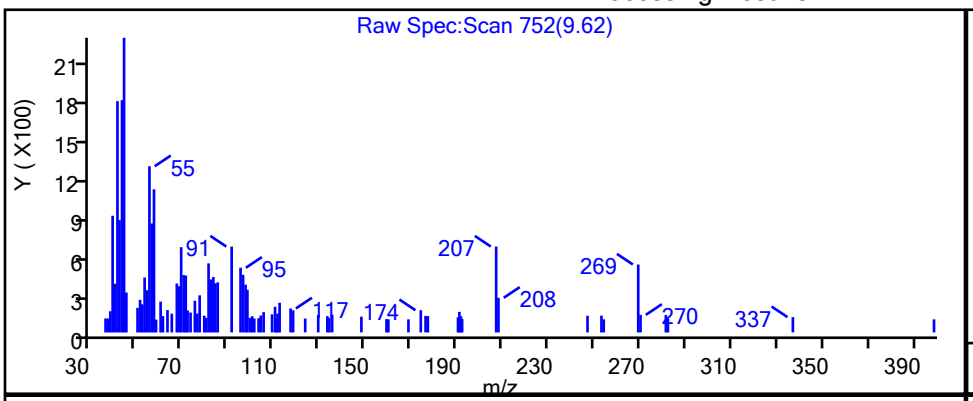
User Disabled Compound Report

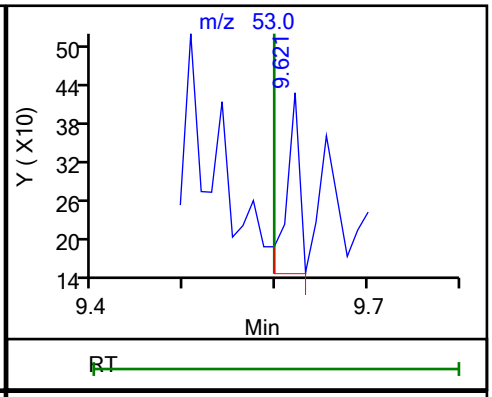
Eurofins Edison

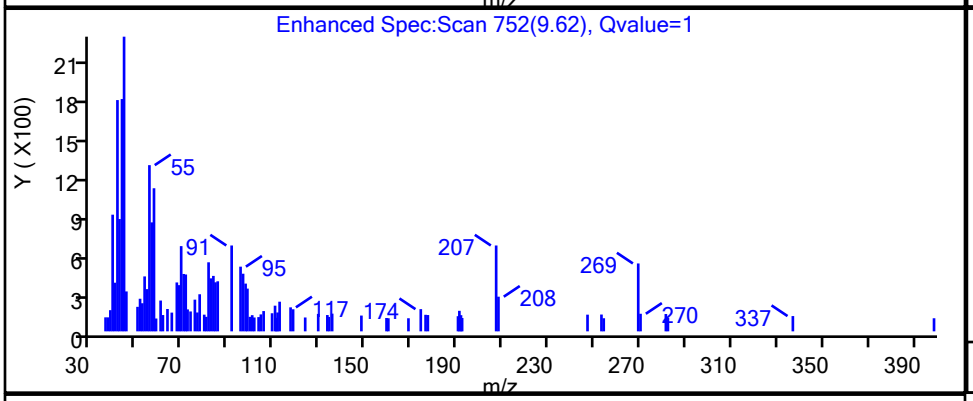
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

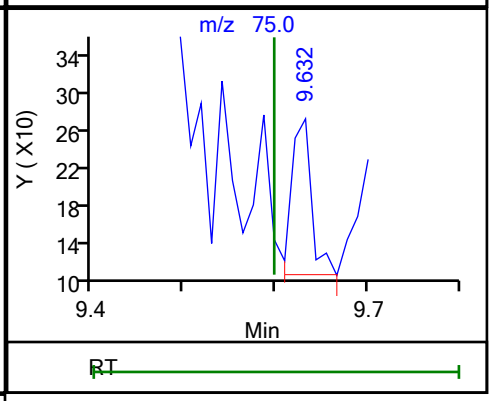
112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

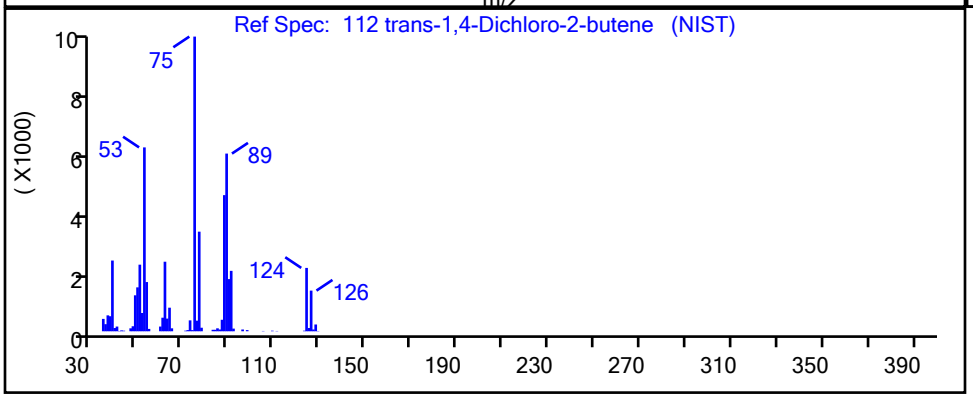
Processing Results











RT	Mass	Response	Amount
9.62	53.00	271	0.140815
9.63	75.00	246	

Reviewer: K0HS, 05-Jan-2024 07:43:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

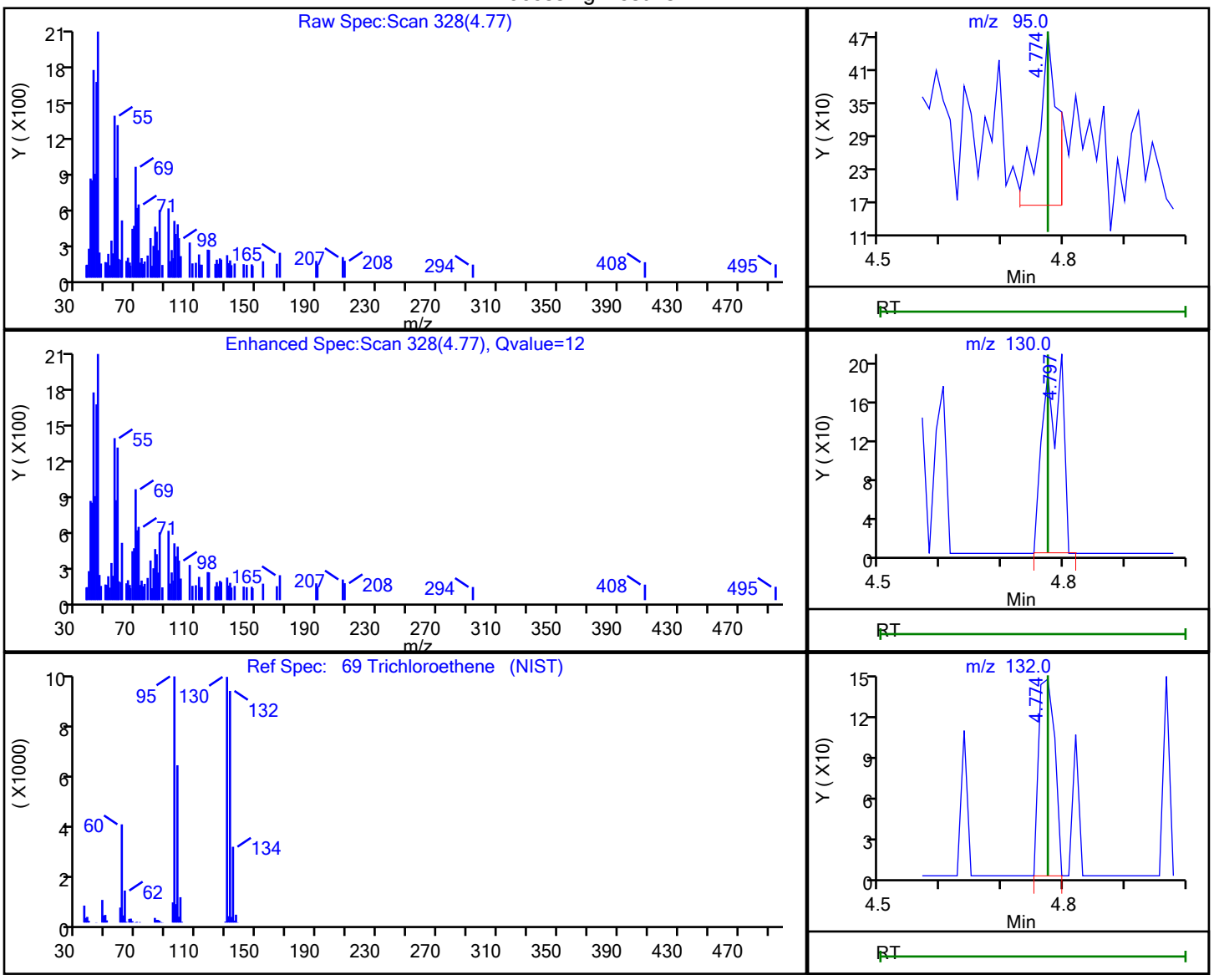
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

69 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.77	95.00	677	0.111721
4.80	130.00	429	
4.77	132.00	266	

Reviewer: K0HS, 05-Jan-2024 07:42:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

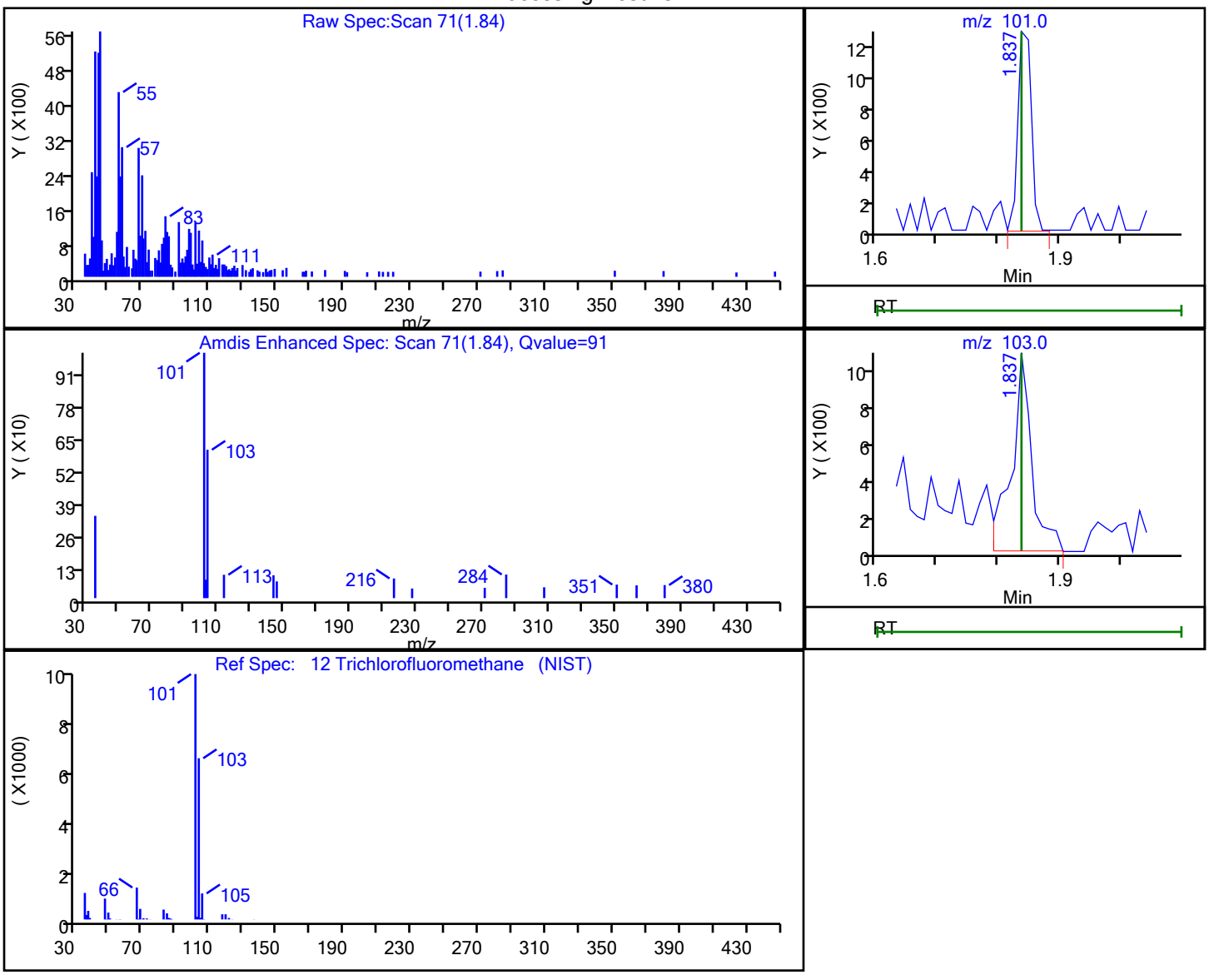
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.84	101.00	1923	0.225089
1.84	103.00	2501	

Reviewer: K0HS, 05-Jan-2024 07:40:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

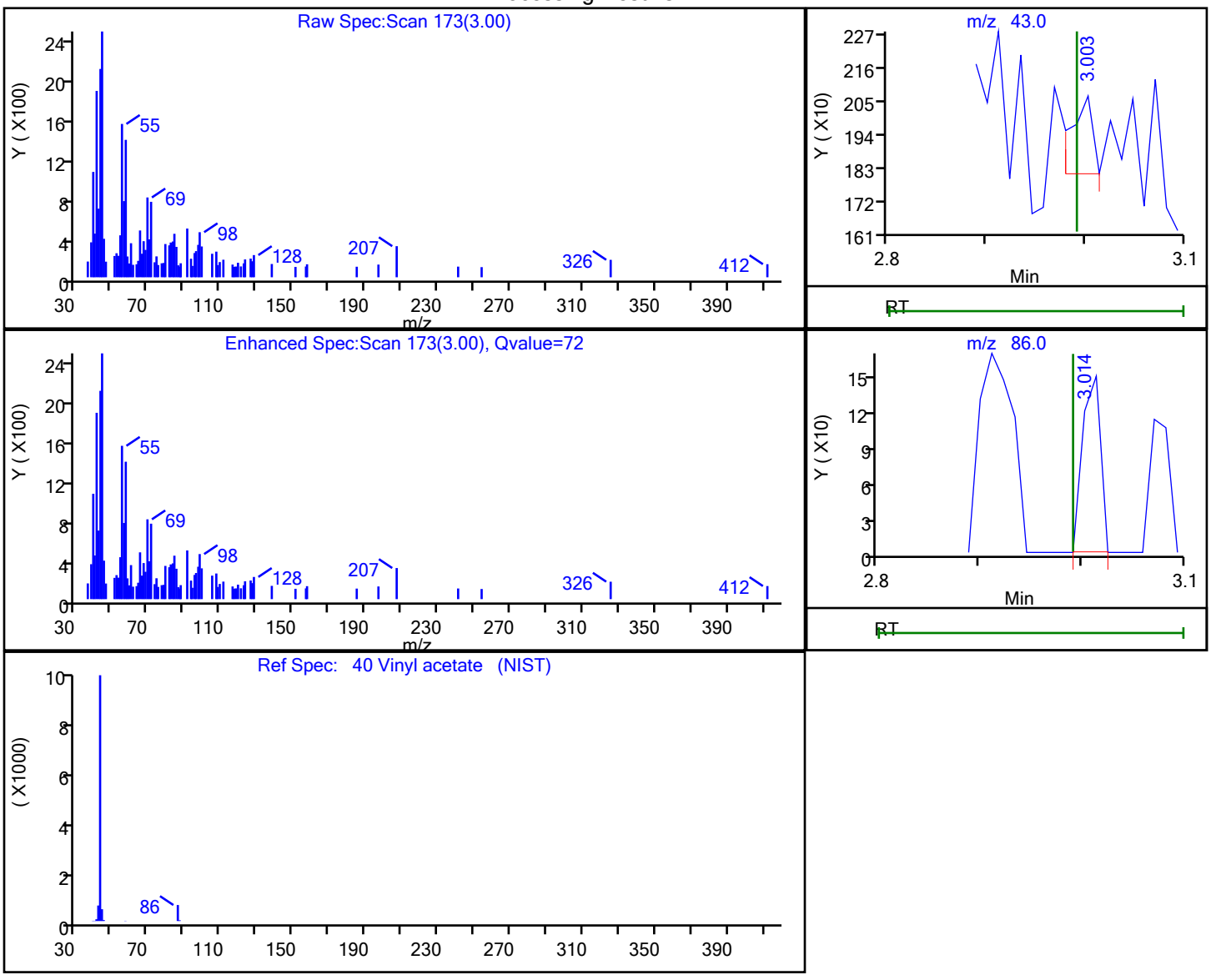
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

40 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.00	43.00	386	0.030444
3.01	86.00	182	

Reviewer: K0HS, 05-Jan-2024 07:41:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

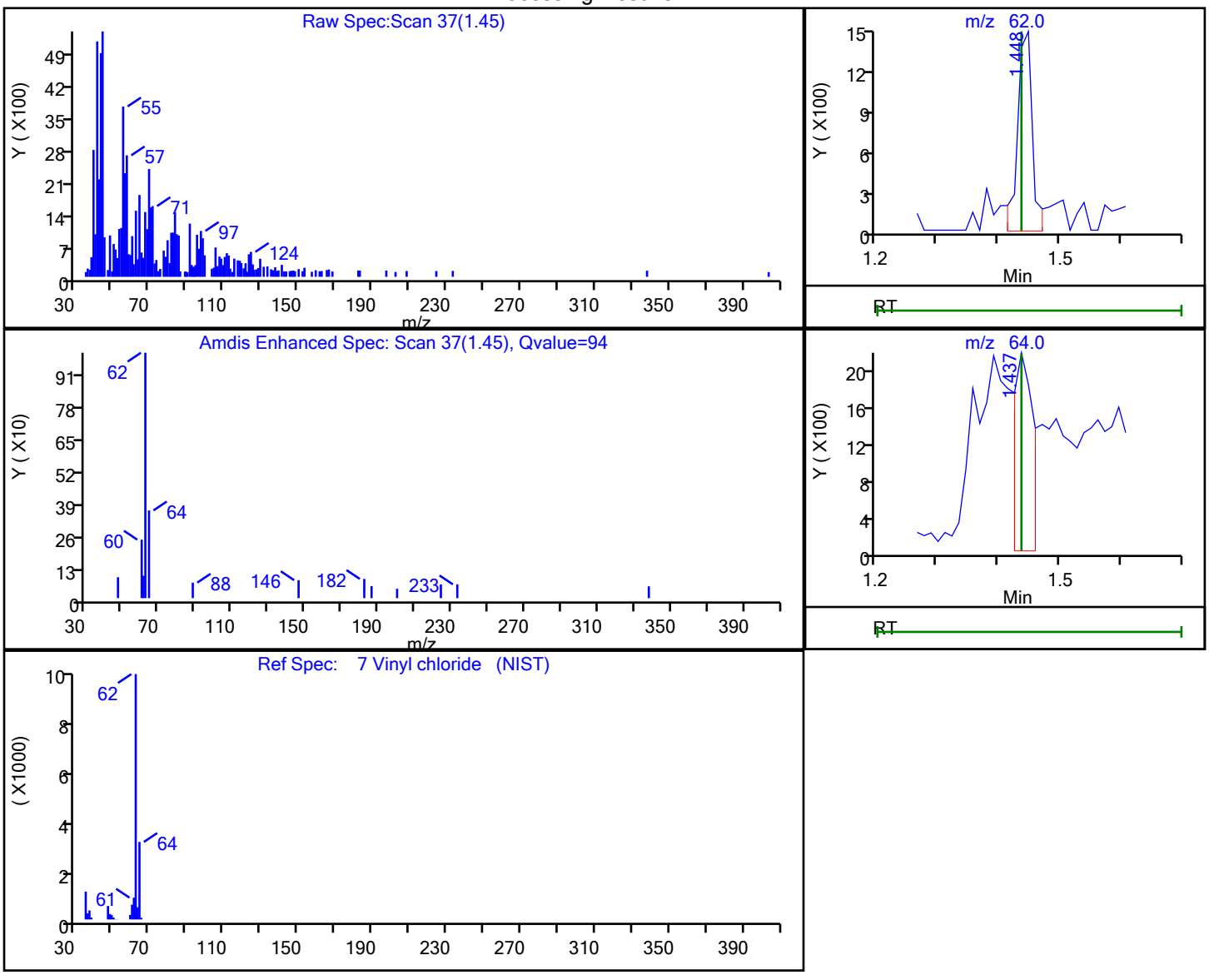
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49183.D
Injection Date: 04-Jan-2024 23:54:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.45	62.00	2453	0.278597
1.44	64.00	4764	

Reviewer: K0HS, 05-Jan-2024 07:40:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 05-Jan-2024 00:15:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0170980-004
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:12 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 08:09:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	45	944	0.5000	0.7844	a
4 1,1-Difluoroethane	65	1.243	1.243	0.000	66	1291	0.5000	0.4791	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	81	3594	0.5000	0.5190	
2 Chlorodifluoromethane	67	1.277	1.265	0.012	84	638	0.5000	0.5564	
6 Chloromethane	50	1.380	1.380	0.000	96	3832	0.5000	0.4742	M
7 Vinyl chloride	62	1.448	1.437	0.011	65	4292	0.5000	0.5116	
8 Butadiene	54	1.460	1.460	0.000	91	3757	0.5000	0.4762	
9 Bromomethane	94	1.654	1.654	0.000	38	1976	0.5000	0.5071	
10 Chloroethane	64	1.711	1.711	0.000	58	2397	0.5000	0.4639	
11 Dichlorofluoromethane	67	1.837	1.825	0.012	95	6166	0.5000	0.4803	M
12 Trichlorofluoromethane	101	1.848	1.837	0.011	54	3882	0.5000	0.4661	
13 Pentane	72	1.871	1.871	0.000	94	937	1.00	0.9298	
14 Ethyl ether	74	2.020	2.008	0.012	92	2798	0.5000	0.4652	M
15 2-Methyl-1,3-butadiene	53	2.031	2.020	0.011	91	2954	0.5000	0.4817	a
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.031	0.012	80	2546	0.5000	0.5293	a
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	94	3762	0.5000	0.4834	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	94	2560	0.5000	0.4959	
52 Acrolein	56	2.180	2.146	0.034	33	1319	2.00	2.71	Ma
20 1,1-Dichloroethene	96	2.180	2.168	0.012	97	3051	0.5000	0.5965	
23 Acetone	43	2.237	2.226	0.011	70	2291	2.50	1.45	M
21 Iodomethane	142	2.294	2.294	0.000	31	1411	0.5000	0.2486	
24 Isopropyl alcohol	45	2.317	2.294	0.023	19	478	5.00	1.78	
22 Carbon disulfide	76	2.328	2.317	0.011	99	10876	0.5000	0.5464	
30 Methyl acetate	43	2.443	2.408	0.035	43	2851	1.00	0.6812	a
26 3-Chloro-1-propene	76	2.408	2.408	0.000	85	2126	0.5000	0.5332	
25 Cyclopentene	67	2.431	2.431	0.000	90	6204	0.5000	0.4855	
27 Acetonitrile	41	2.500	2.454	0.046	20	3405	5.00	5.60	Ma
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	34646	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	34	3828	0.5000	0.6302	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	35	3046	5.00	5.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	2.637	2.626	0.011	93	7711	0.5000	0.4460	
33 trans-1,2-Dichloroethene	96	2.671	2.660	0.011	96	2494	0.5000	0.4401	M
35 Acrylonitrile	53	2.751	2.706	0.045	82	6188	5.00	2.90	M
36 Hexane	57	2.786	2.786	0.000	87	4228	0.5000	0.5431	
37 Isopropyl ether	45	2.946	2.946	0.000	99	9712	0.5000	0.4549	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	94	5568	0.5000	0.4743	
40 Vinyl acetate	43	3.014	2.991	0.023	93	9766	1.00	0.7960	
39 2-Chloro-1,3-butadiene	88	3.037	3.026	0.011	93	2450	0.5000	0.4570	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	90	9430	0.5000	0.4807	
* 42 2-Butanone-d5	46	3.403	3.391	0.012	100	303085	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.403	0.011	46	2042	0.5000	0.5295	
45 cis-1,2-Dichloroethene	96	3.449	3.437	0.012	88	3156	0.5000	0.4938	
44 2-Butanone (MEK)	72	3.471	3.437	0.034	94	1486	2.50	2.32	
47 Ethyl acetate	70	3.460	3.449	0.012	22	1340	1.00	3.38	M
46 Methyl acrylate	55	3.540	3.494	0.046	56	1608	0.5000	0.3758	
48 Propionitrile	54	3.631	3.563	0.068	36	3254	5.00	4.47	a
54 Methacrylonitrile	67	3.666	3.643	0.023	95	9603	5.00	4.00	
49 Chlorobromomethane	128	3.643	3.643	0.000	90	1658	0.5000	0.5590	
50 Tetrahydrofuran	72	3.677	3.643	0.034	29	741	1.00	0.9662	Ma
51 Chloroform	83	3.689	3.689	0.000	65	6046	0.5000	0.5616	
53 Cyclohexane	84	3.814	3.803	0.011	31	3803	0.5000	0.4476	a
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	45	4624	0.5000	0.4934	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	174723	50.0	51.1	
57 Carbon tetrachloride	117	3.929	3.929	0.000	92	4184	0.5000	0.5285	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	91	4006	0.5000	0.4664	
64 Isooctane	57	4.111	4.100	0.011	93	7623	0.5000	0.4700	
59 Benzene	78	4.146	4.134	0.012	94	12118	0.5000	0.4822	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	217414	50.0	51.0	
62 Tert-amyl methyl ether	73	4.203	4.191	0.012	80	8775	0.5000	0.4691	
66 Isopropyl acetate	87	4.191	4.191	0.000	85	2575	0.5000	0.4781	
63 1,2-Dichloroethane	62	4.237	4.226	0.011	93	4509	0.5000	0.5178	
65 n-Heptane	57	4.294	4.283	0.011	80	1553	0.5000	0.4729	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	638918	50.0	50.0	M
69 Trichloroethene	95	4.774	4.774	0.000	94	3124	0.5000	0.5225	
72 Methylcyclohexane	83	4.889	4.877	0.012	93	4191	0.5000	0.4663	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	86	3038	0.5000	0.4690	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	93	20785	1000.0	1000.0	
74 Methyl methacrylate	100	5.163	5.129	0.034	81	1253	1.00	0.8542	
78 1,4-Dioxane	88	5.197	5.174	0.023	40	806	25.0	16.4	Ma
77 n-Propyl acetate	43	5.197	5.186	0.011	28	2949	0.5000	0.3759	a
75 Dibromomethane	93	5.197	5.186	0.011	80	2462	0.5000	0.6510	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	3995	0.5000	0.4926	
34 2-Nitropropane	41	5.689	5.677	0.012	96	2989	1.00	1.44	
79 2-Chloroethyl vinyl ether	63	5.723	5.700	0.023	27	1058	0.5012	0.3341	a
80 Epichlorohydrin	57	5.837	5.803	0.034	81	3482	10.0	6.69	a
81 cis-1,3-Dichloropropene	75	5.883	5.860	0.023	95	4480	0.5000	0.4256	
84 4-Methyl-2-pentanone (MIBK)	43	6.043	6.032	0.011	94	11828	2.50	2.14	a
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	766919	50.0	50.0	
83 Toluene	91	6.203	6.192	0.011	89	15064	0.5000	0.5559	
85 trans-1,3-Dichloropropene	75	6.615	6.603	0.012	93	4296	0.5000	0.4474	
86 Ethyl methacrylate	69	6.649	6.626	0.023	68	2813	0.5000	0.3951	
87 1,1,2-Trichloroethane	83	6.832	6.832	0.000	58	2000	0.5000	0.4653	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 Tetrachloroethene	166	6.877	6.866	0.011	87	2491	0.5000	0.4402	
89 1,3-Dichloropropane	76	7.060	7.049	0.011	90	3899	0.5000	0.4249	
91 2-Hexanone	43	7.197	7.129	0.068	71	5083	2.50	1.50	
92 n-Butyl acetate	43	7.323	7.277	0.046	32	2084	0.5000	0.2182	M
90 Chlorodibromomethane	129	7.335	7.312	0.023	88	2930	0.5000	0.5223	
93 Ethylene Dibromide	107	7.483	7.472	0.011	94	2275	0.5000	0.4462	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	89	456611	50.0	50.0	
95 Chlorobenzene	112	8.089	8.078	0.011	94	7368	0.5000	0.4751	
97 Ethylbenzene	106	8.180	8.180	0.000	97	4254	0.5000	0.4894	
96 1,1,1,2-Tetrachloroethane	131	8.203	8.203	0.000	52	2741	0.5000	0.5016	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	96	6102	0.5000	0.5534	
100 o-Xylene	106	8.775	8.763	0.012	92	5009	0.5000	0.4782	
99 n-Butyl acrylate	73	8.798	8.775	0.023	70	2293	0.5000	0.4881	
101 Styrene	104	8.820	8.798	0.022	95	7092	0.5000	0.4221	
102 Amyl acetate (mixed isomers)	43	9.049	9.015	0.034	78	3814	0.5000	0.3825	
103 Bromoform	173	9.015	9.015	0.000	92	1872	0.5000	0.5170	
104 Isopropylbenzene	105	9.141	9.140	0.001	95	11668	0.5000	0.4490	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	201047	50.0	50.8	
107 Bromobenzene	156	9.472	9.472	0.000	93	2598	0.5000	0.4423	
108 1,1,2,2-Tetrachloroethane	83	9.541	9.529	0.012	45	4177	0.5000	0.6067	
109 N-Propylbenzene	91	9.552	9.541	0.011	97	13968	0.5000	0.4607	
115 1,2,3-Trichloropropane	110	9.575	9.563	0.012	67	1150	0.5000	0.5811	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	43	627	0.5000	0.3462	a
114 2-Chlorotoluene	91	9.643	9.643	0.000	90	7706	0.5000	0.3756	
113 4-Ethyltoluene	105	9.655	9.655	0.000	95	10317	0.5000	0.4204	
116 1,3,5-Trimethylbenzene	105	9.723	9.712	0.011	94	9618	0.5000	0.4586	
110 4-Chlorotoluene	91	9.758	9.758	0.000	97	7733	0.5000	0.3880	
117 Butyl Methacrylate	87	9.838	9.826	0.012	91	3231	0.5000	0.4548	
118 tert-Butylbenzene	119	9.998	9.986	0.012	90	7389	0.5000	0.4224	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	97	10967	0.5000	0.5172	
120 sec-Butylbenzene	105	10.192	10.181	0.011	98	10643	0.5000	0.4341	
121 4-Isopropyltoluene	119	10.318	10.306	0.012	96	9142	0.5000	0.4377	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	84	4843	0.5000	0.4289	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	212381	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	91	5286	0.5000	0.4650	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	95	9105	0.5000	0.4263	a
125 Benzyl chloride	91	10.524	10.523	0.001	96	5135	0.5000	0.4100	
111 2,3-Dihydroindene	117	10.581	10.569	0.012	92	9738	0.5000	0.4683	
126 p-Diethylbenzene	119	10.638	10.626	0.012	91	6006	0.5000	0.4734	
127 n-Butylbenzene	92	10.649	10.649	0.000	94	3924	0.5000	0.3904	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	93	4489	0.5000	0.4247	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	95	7733	0.5000	0.4236	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	28	844	0.5000	0.5890	
132 1,3,5-Trichlorobenzene	180	11.449	11.438	0.011	93	2955	0.5000	0.4226	
131 1,2,4-Trichlorobenzene	180	11.918	11.906	0.012	90	2777	0.5000	0.4429	
133 Hexachlorobutadiene	225	11.987	11.986	0.000	75	838	0.5000	0.3432	
134 Naphthalene	128	12.101	12.089	0.012	98	7936	0.5000	0.4732	
135 1,2,3-Trichlorobenzene	180	12.272	12.261	0.011	90	2585	0.5000	0.4407	
S 136 1,2-Dichloroethene, Total	100				0		1.00	0.9339	
S 137 Xylenes, Total	100				0		1.00	1.03	
S 138 1,3-Dichloropropene, Total	1				0		1.00	0.8730	
S 139 Total BTEX	1				0		2.50	2.56	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00181	Amount Added:	5.00	Units: uL	
ACROLEIN W_00164	Amount Added:	2.00	Units: uL	
524FREONS_00012	Amount Added:	5.00	Units: uL	
GASES Li_00565	Amount Added:	5.00	Units: uL	
14DIOXINTER_00164	Amount Added:	15.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D

Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7

Lims ID: STD05

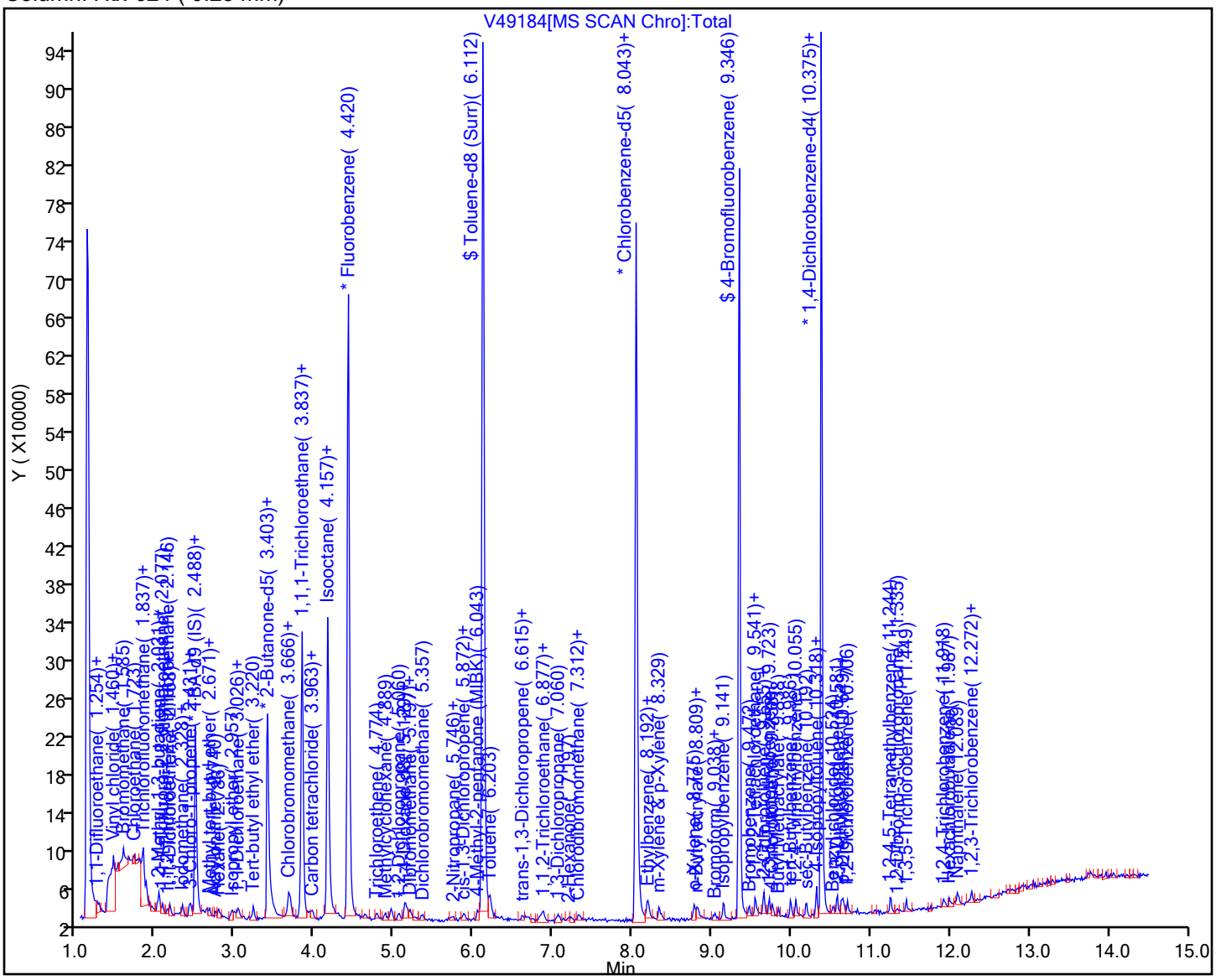
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison

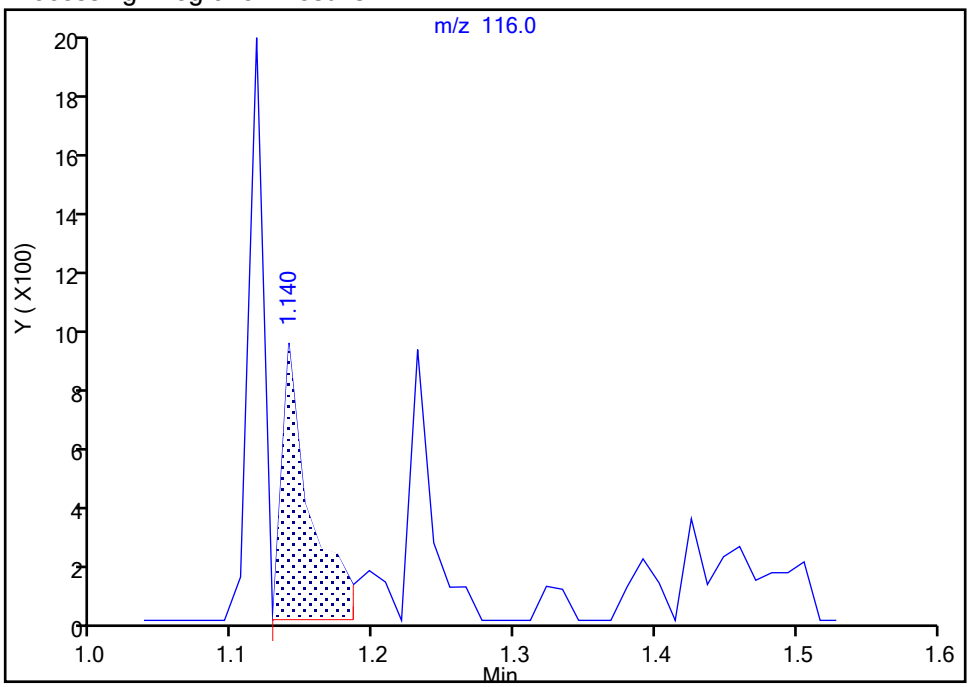
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

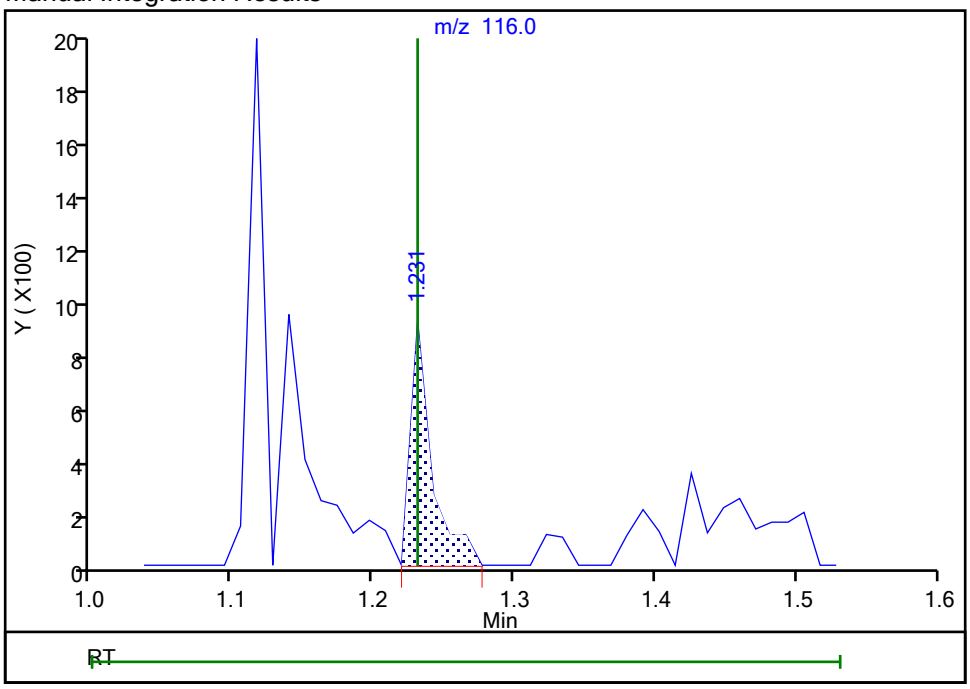
Processing Integration Results

RT: 1.14
Area: 1291
Amount: 0.720294
Amount Units: ug/l



Manual Integration Results

RT: 1.23
Area: 944
Amount: 0.784368
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:24:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

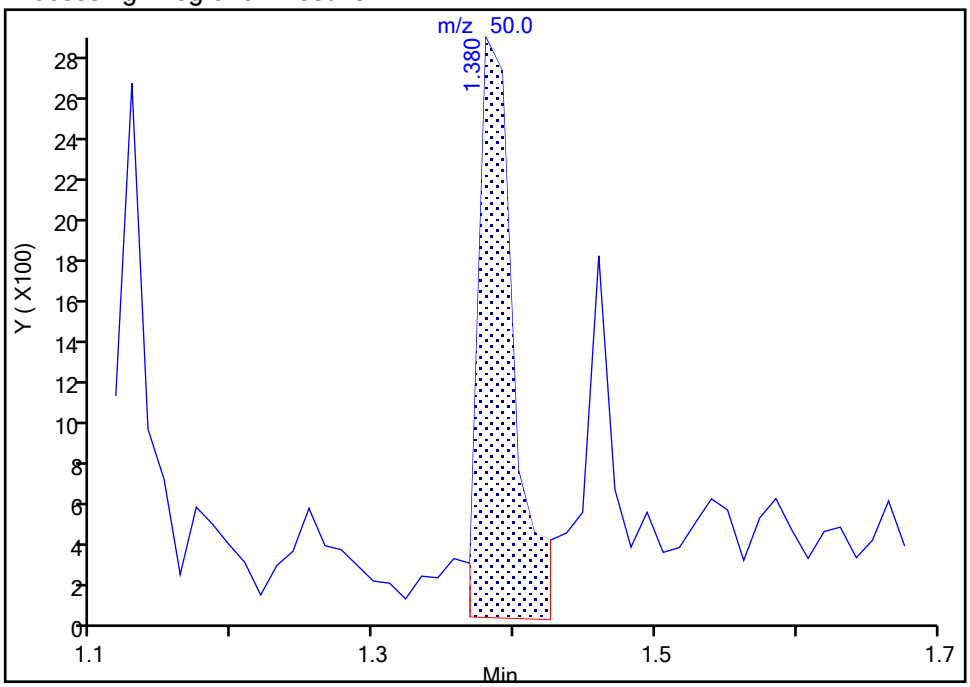
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

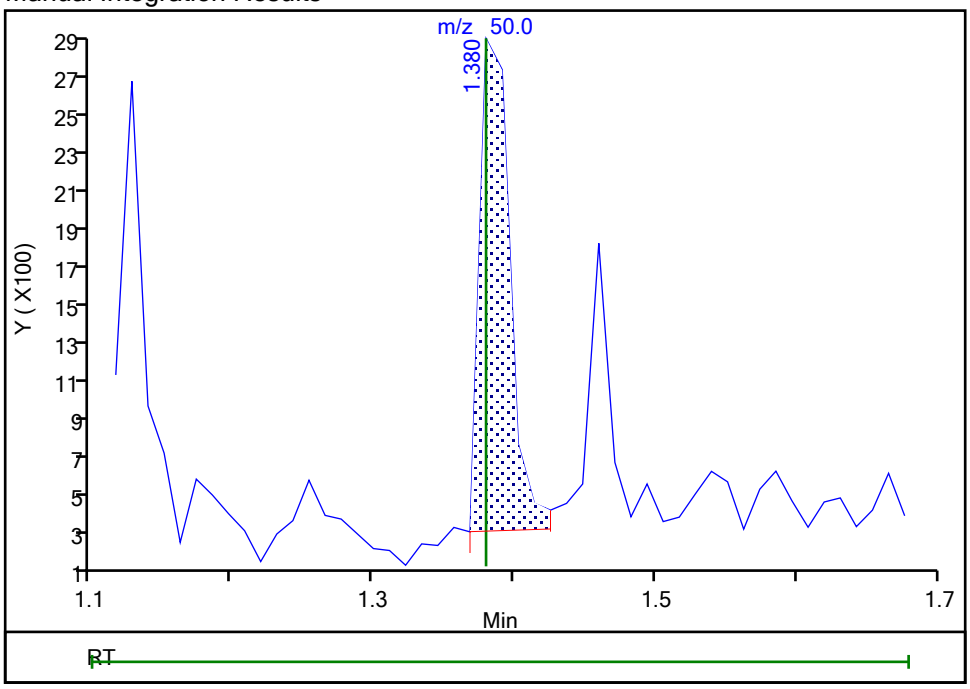
Processing Integration Results

RT: 1.38
Area: 4960
Amount: 0.587533
Amount Units: ug/l



Manual Integration Results

RT: 1.38
Area: 3832
Amount: 0.474217
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:24:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

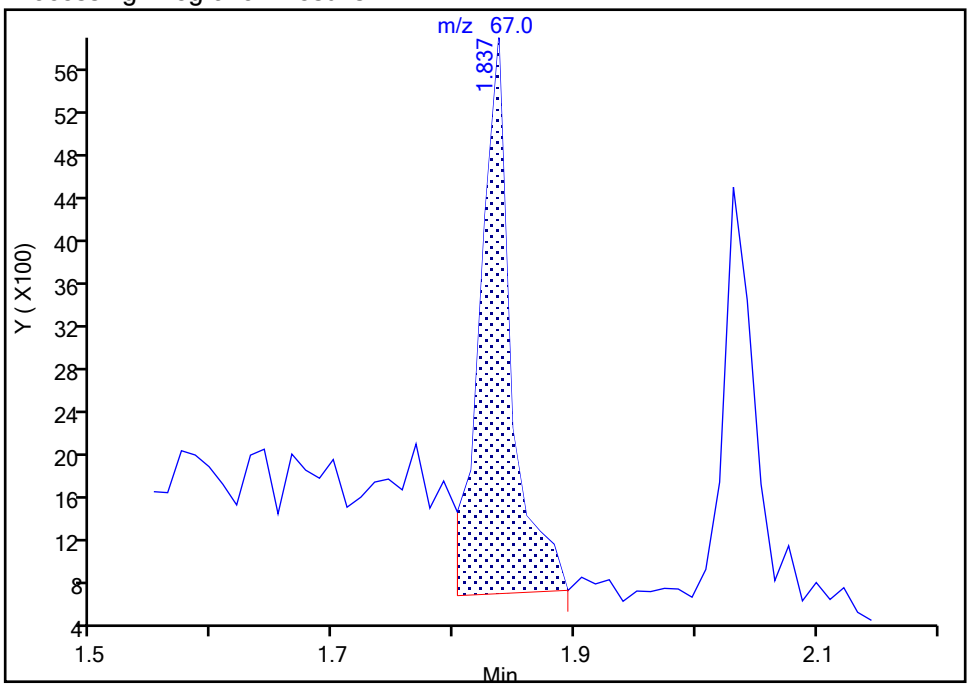
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

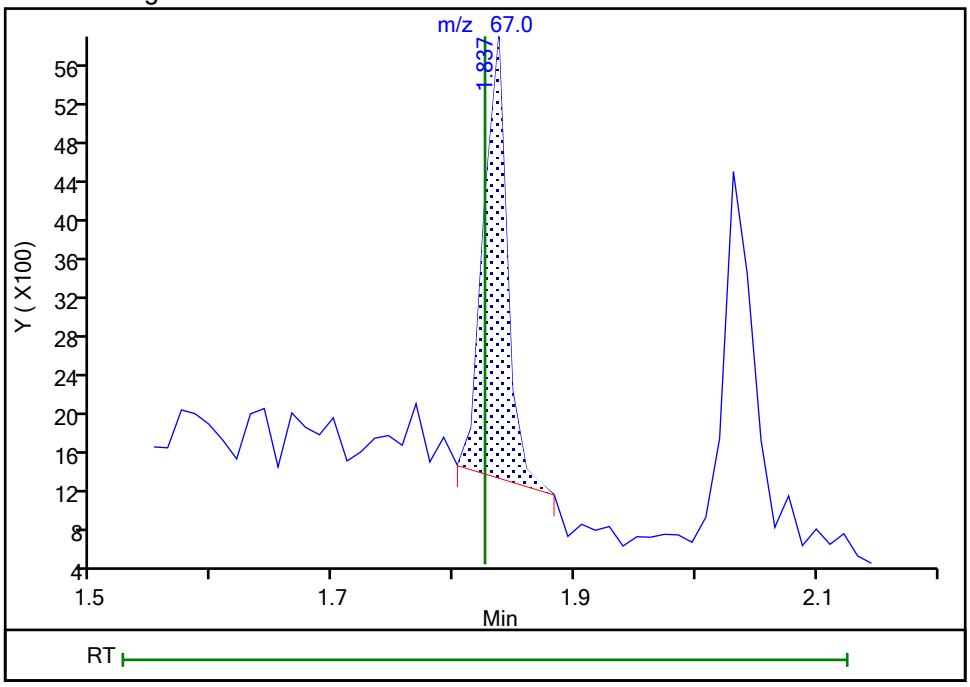
Processing Integration Results

RT: 1.84
Area: 9474
Amount: 0.853863
Amount Units: ug/l



Manual Integration Results

RT: 1.84
Area: 6166
Amount: 0.480349
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:25:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

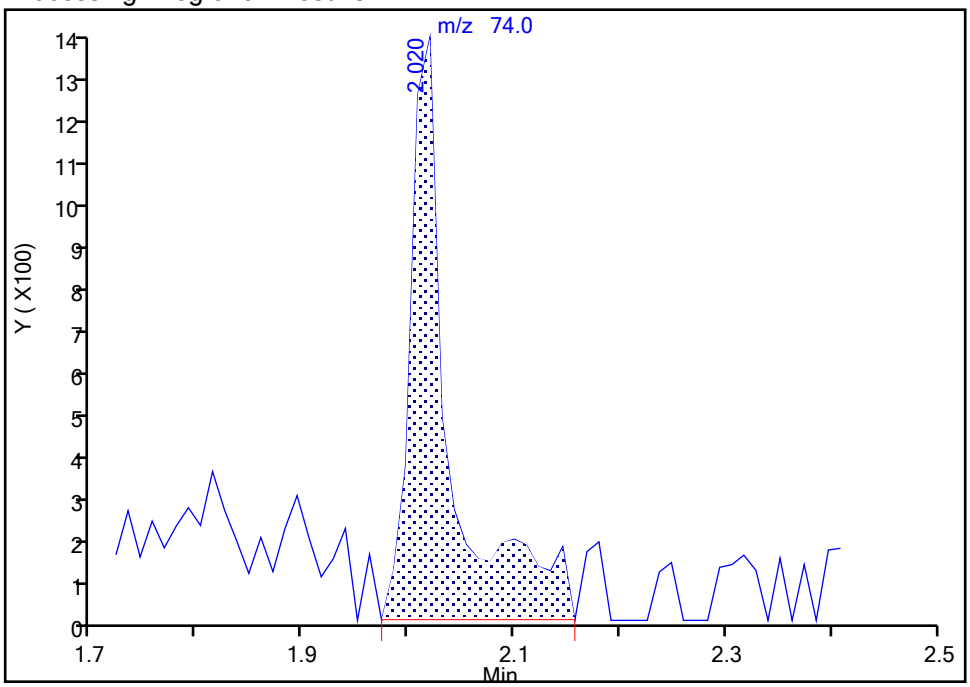
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

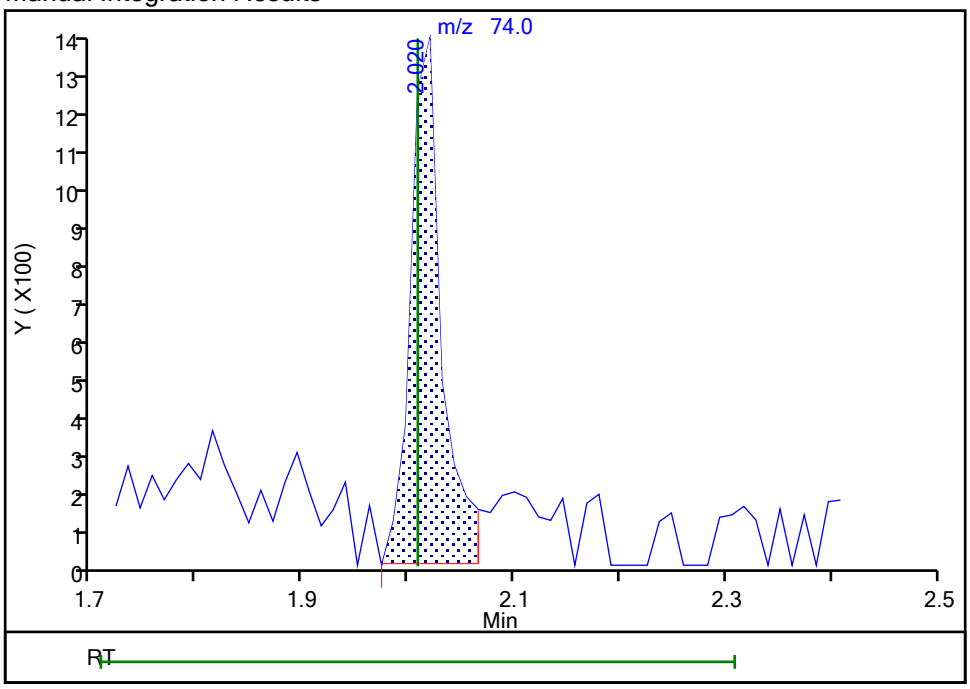
Processing Integration Results

RT: 2.02
Area: 3552
Amount: 0.957005
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 2798
Amount: 0.465193
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:25:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

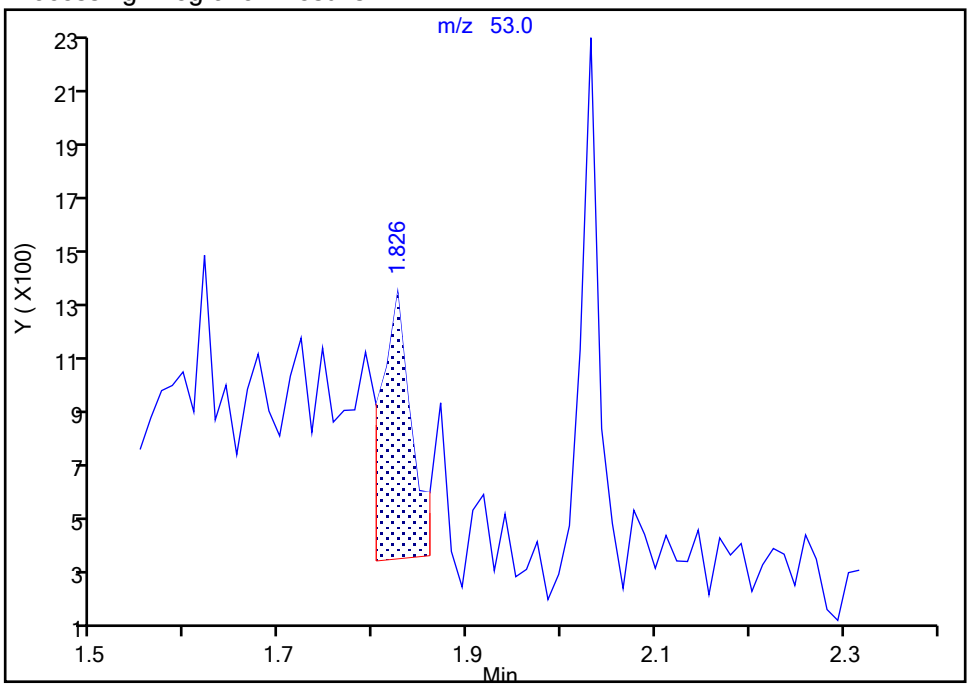
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

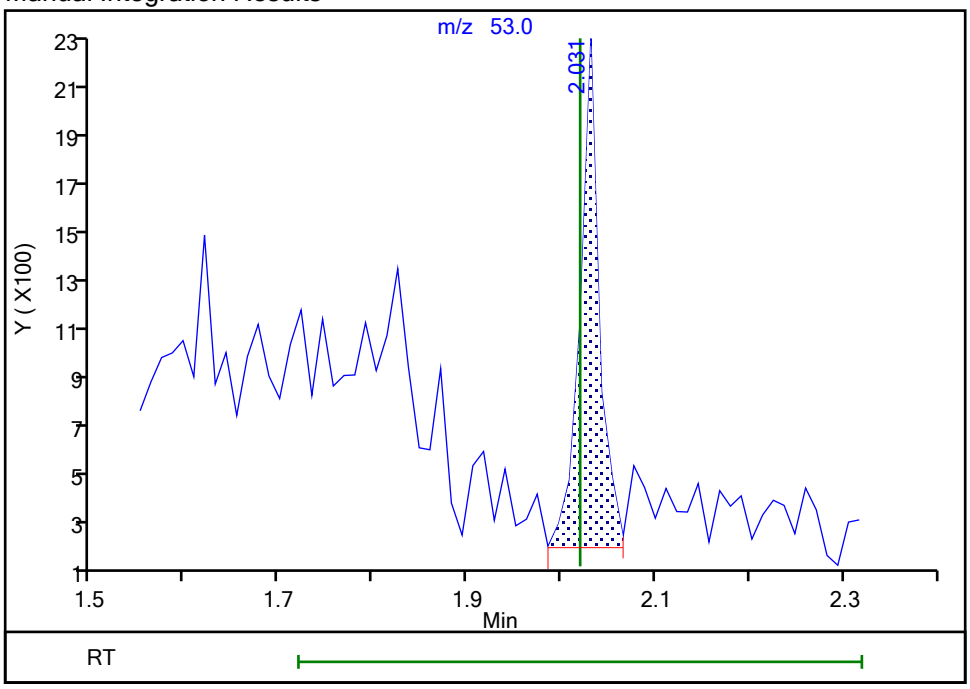
Processing Integration Results

RT: 1.83
Area: 2291
Amount: 0.444047
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 2954
Amount: 0.481712
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:02:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

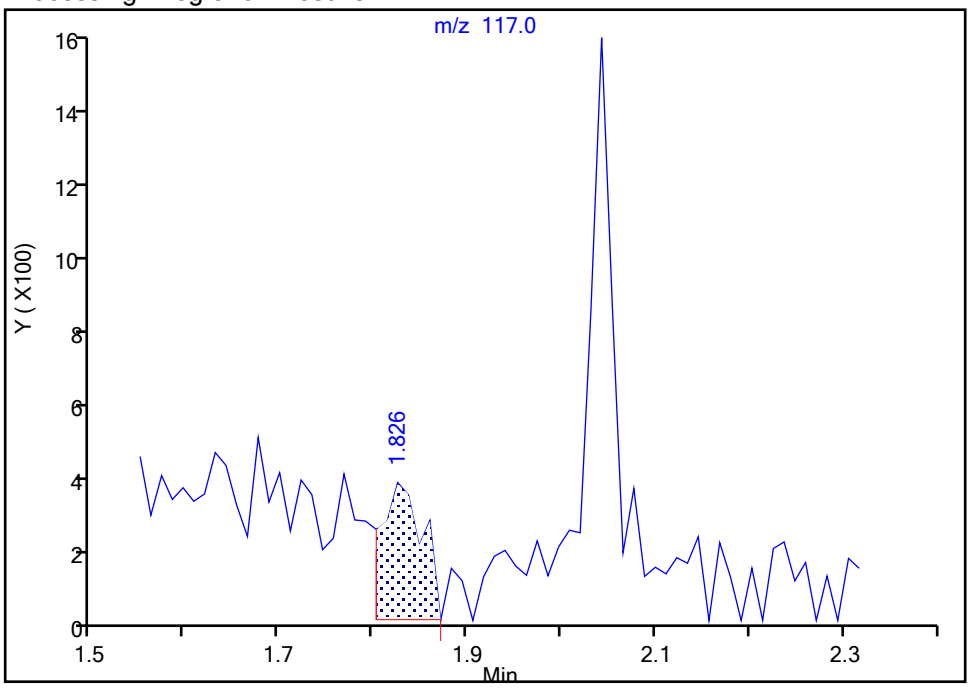
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

16 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

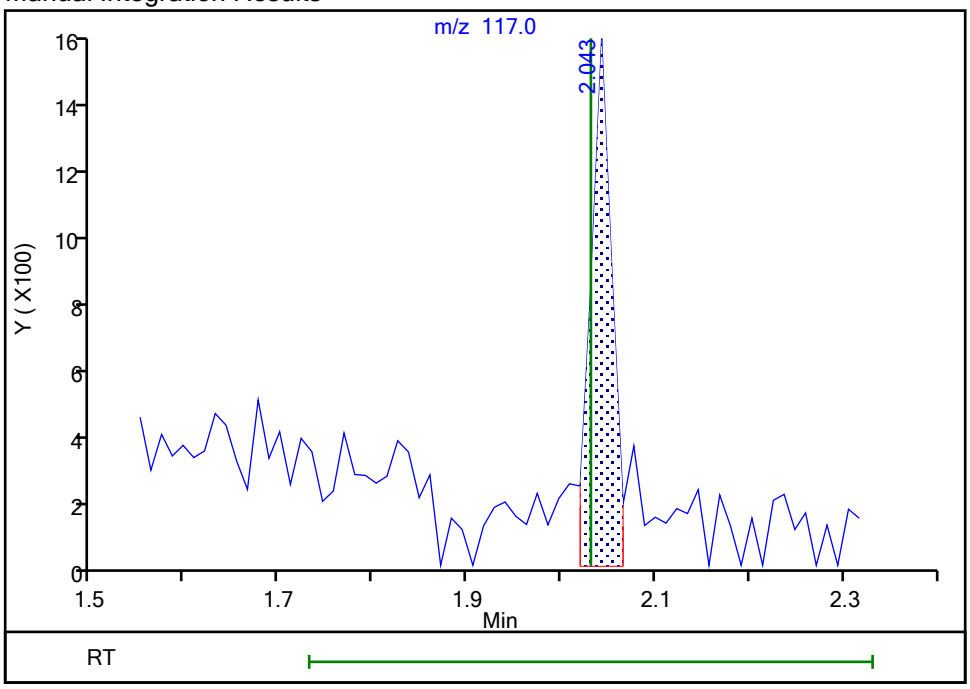
Processing Integration Results

RT: 1.83
Area: 1174
Amount: 0.303286
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 2546
Amount: 0.529278
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:02:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

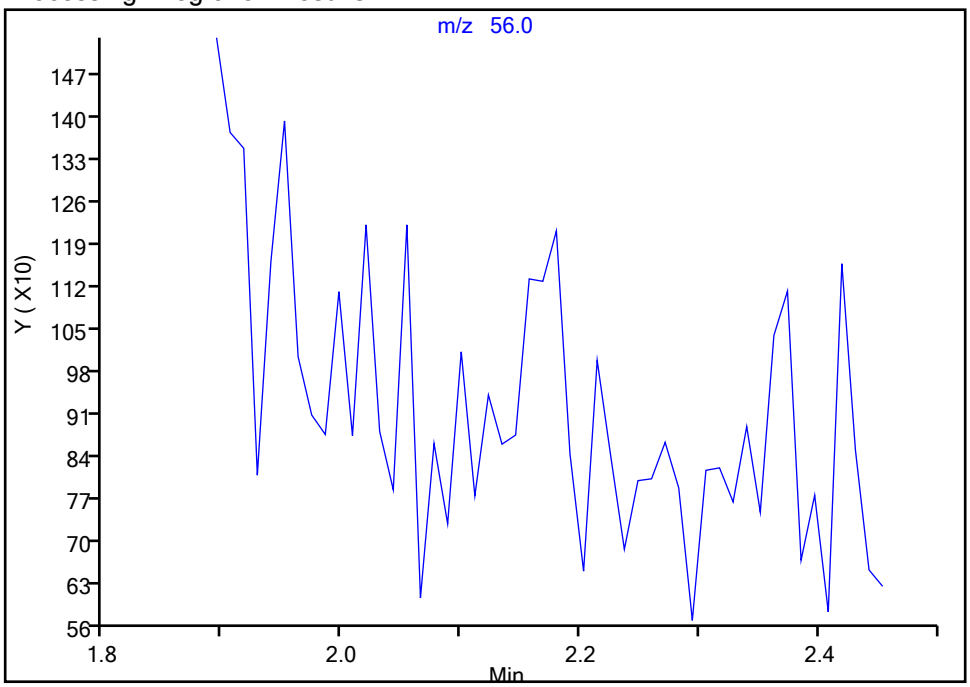
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

52 Acrolein, CAS: 107-02-8

Signal: 1

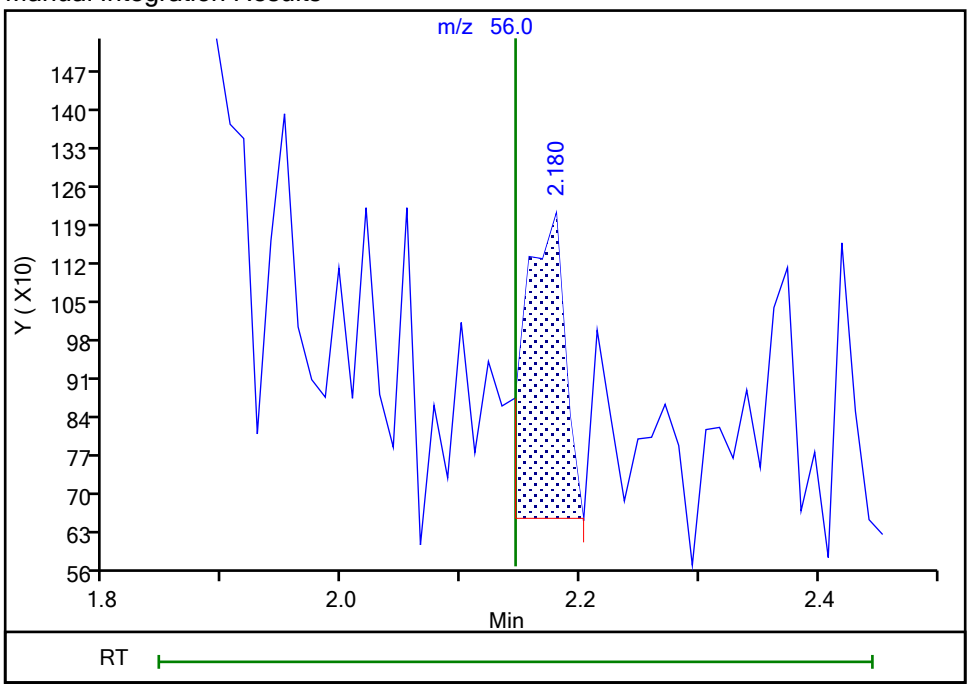
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.18
Area: 1319
Amount: 2.711212
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:02:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Eurofins Edison

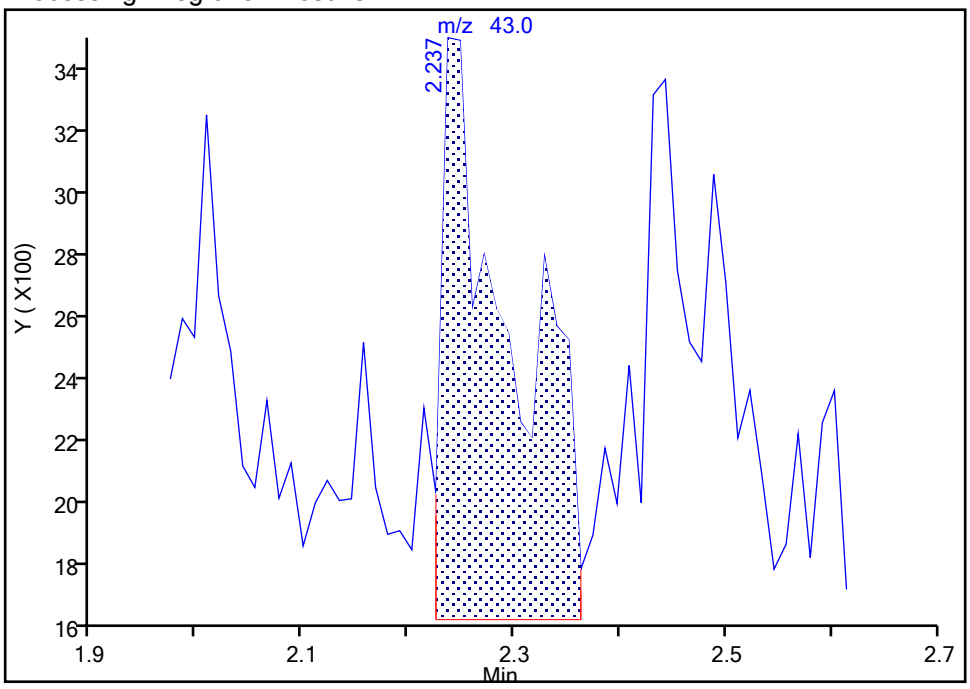
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

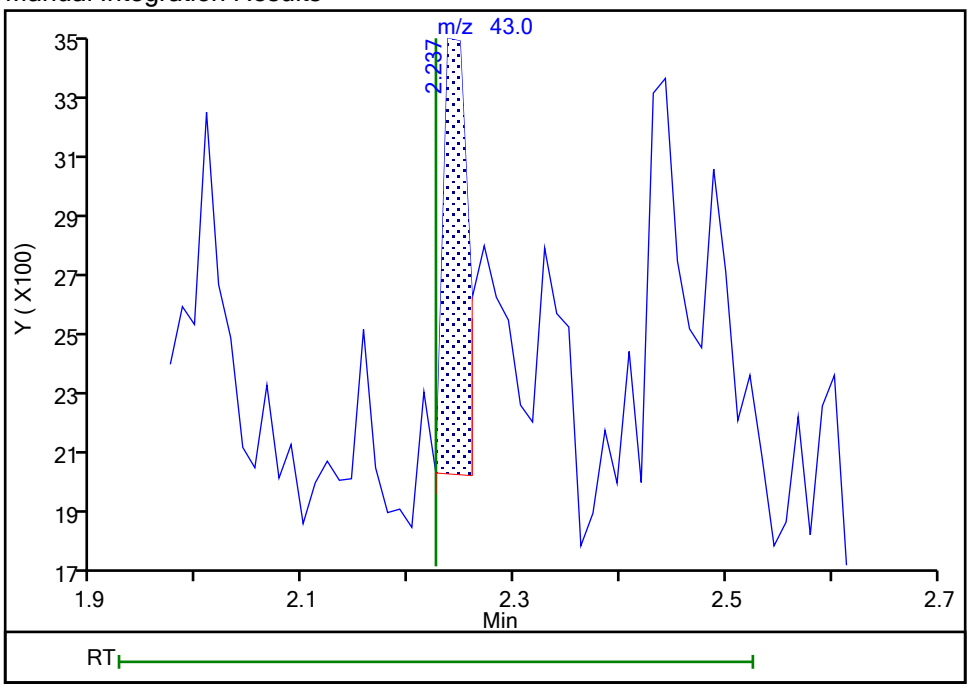
Processing Integration Results

RT: 2.24
Area: 8204
Amount: 7.735053
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 2291
Amount: 1.453748
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:03:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Eurofins Edison

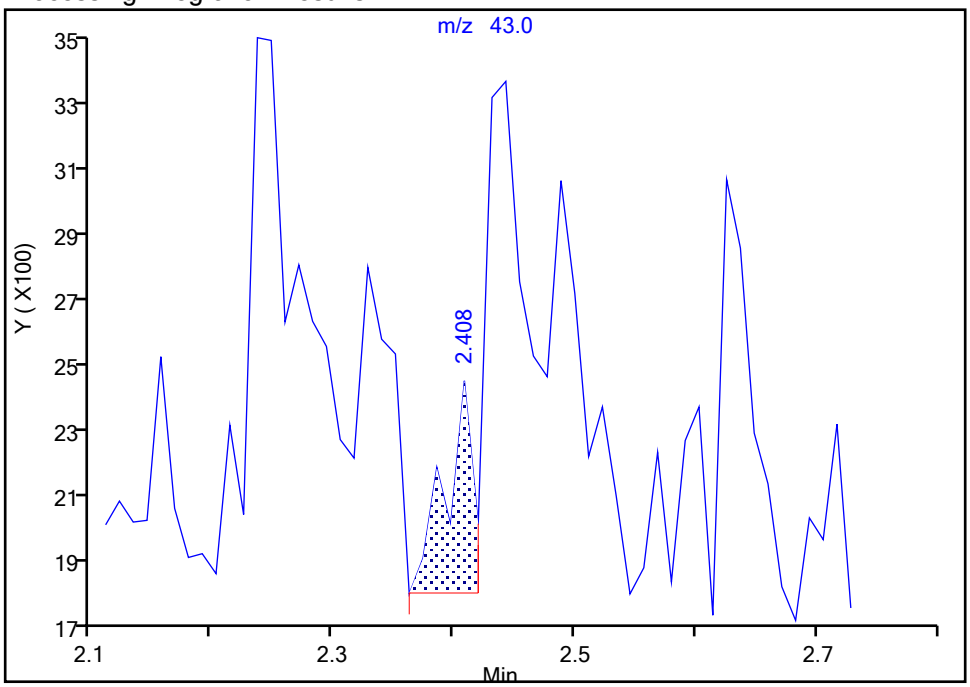
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

30 Methyl acetate, CAS: 79-20-9

Signal: 1

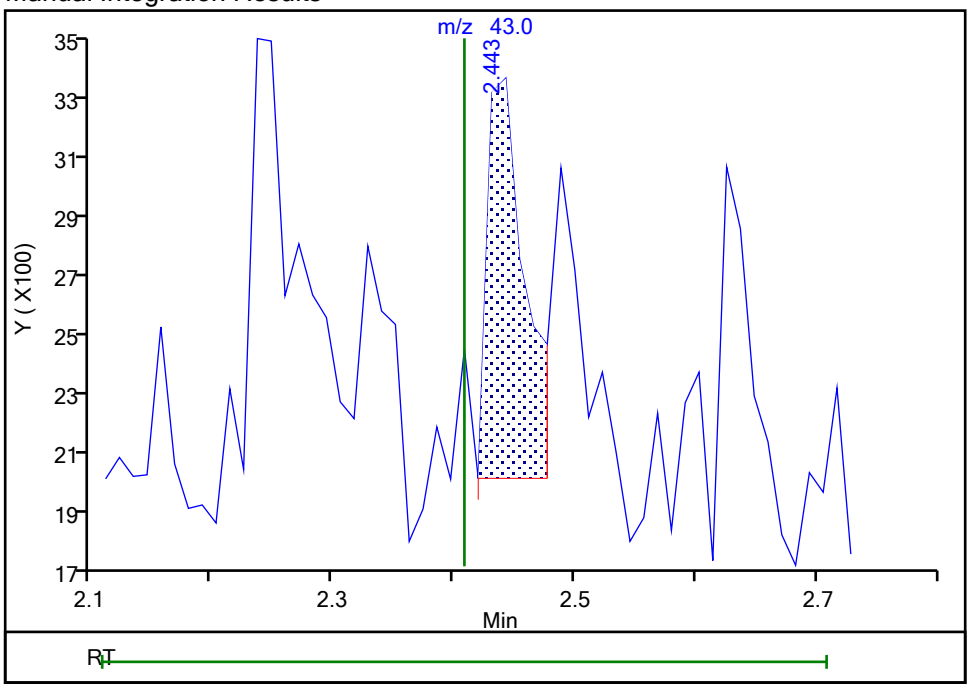
Processing Integration Results

RT: 2.41
Area: 1025
Amount: 0.267758
Amount Units: ug/l



Manual Integration Results

RT: 2.44
Area: 2851
Amount: 0.681190
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:03:54 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

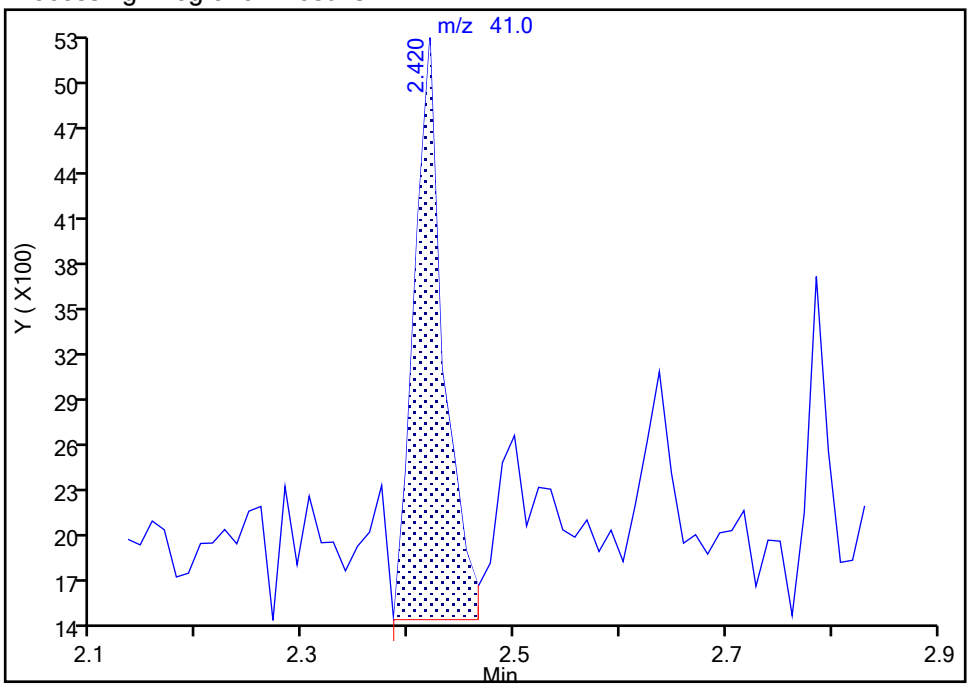
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

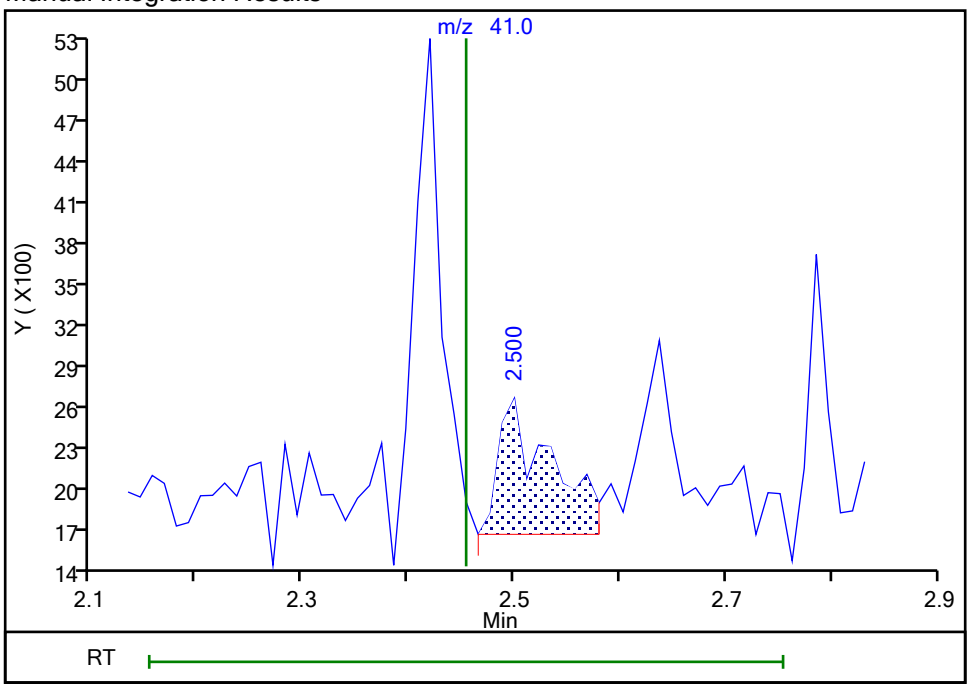
Processing Integration Results

RT: 2.42
Area: 7402
Amount: 10.145227
Amount Units: ug/l



Manual Integration Results

RT: 2.50
Area: 3405
Amount: 5.598411
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:04:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

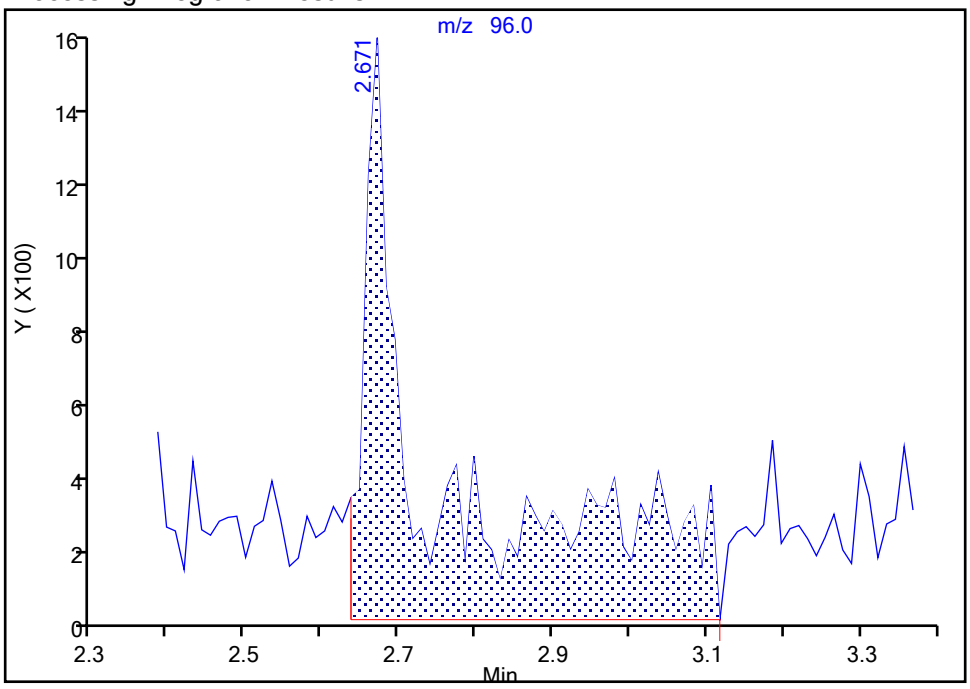
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

33 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

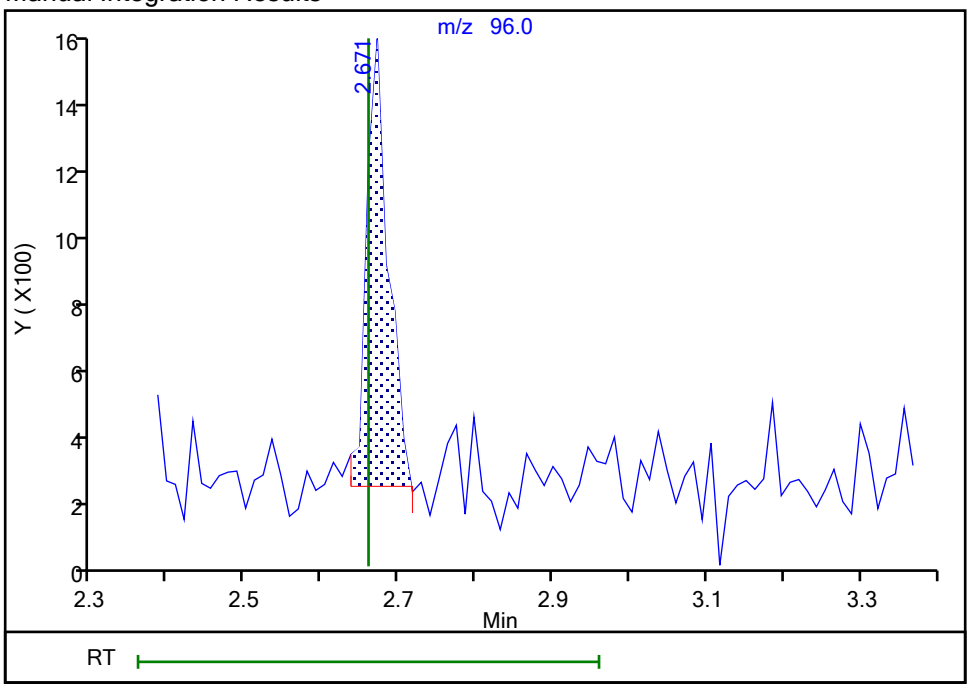
Processing Integration Results

RT: 2.67
Area: 9651
Amount: 1.186183
Amount Units: ug/l



Manual Integration Results

RT: 2.67
Area: 2494
Amount: 0.440071
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:04:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

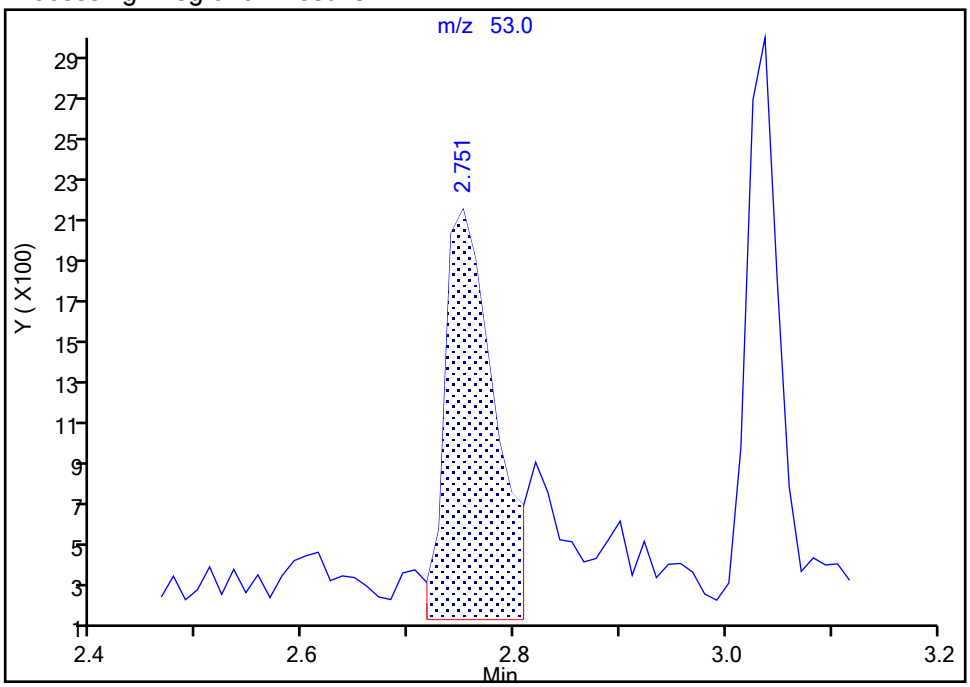
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

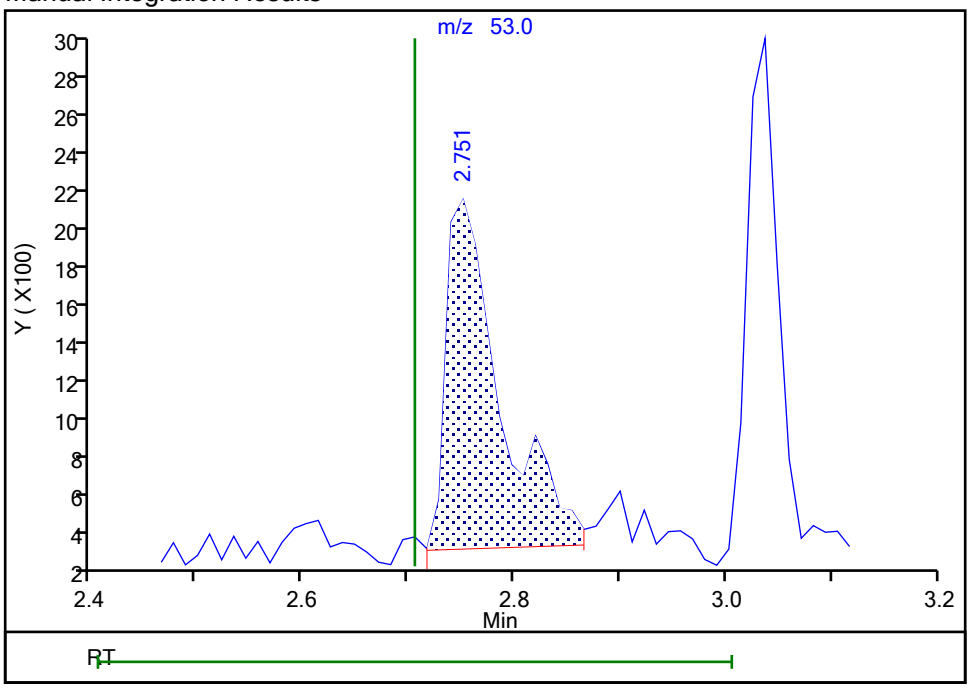
Processing Integration Results

RT: 2.75
Area: 6323
Amount: 3.112140
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 6188
Amount: 2.902909
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:18:50 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

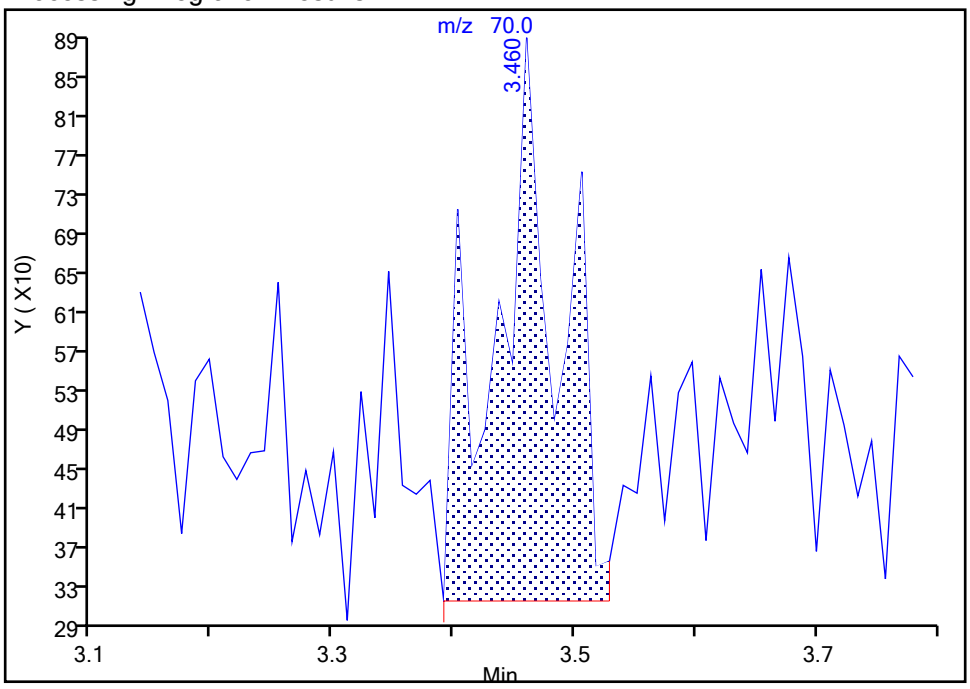
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

47 Ethyl acetate, CAS: 141-78-6

Signal: 1

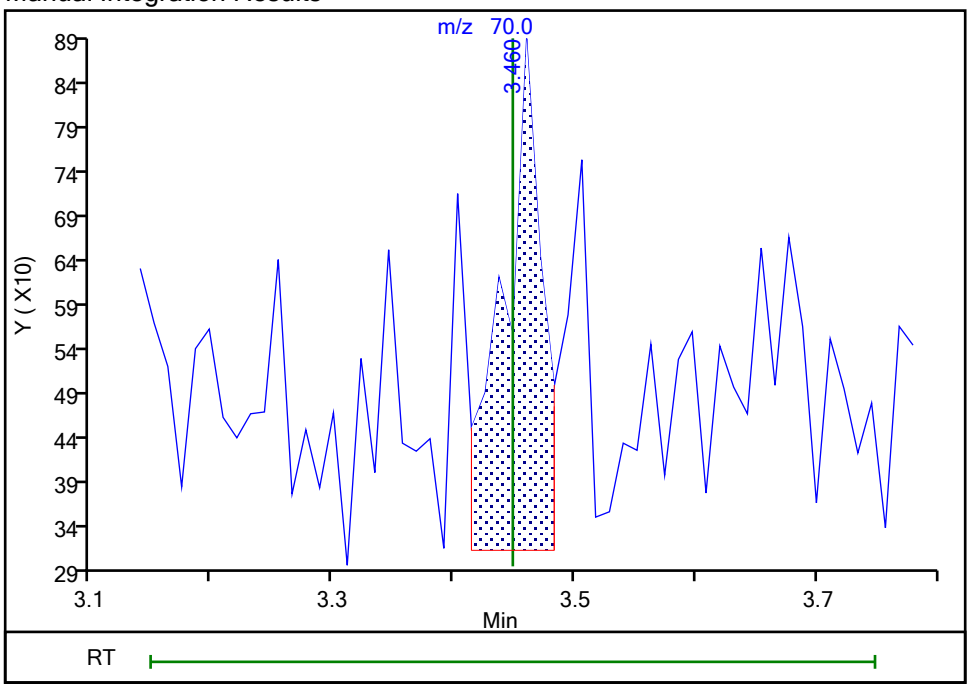
Processing Integration Results

RT: 3.46
Area: 2130
Amount: 1.838718
Amount Units: ug/l



Manual Integration Results

RT: 3.46
Area: 1340
Amount: 3.376332
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:26:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

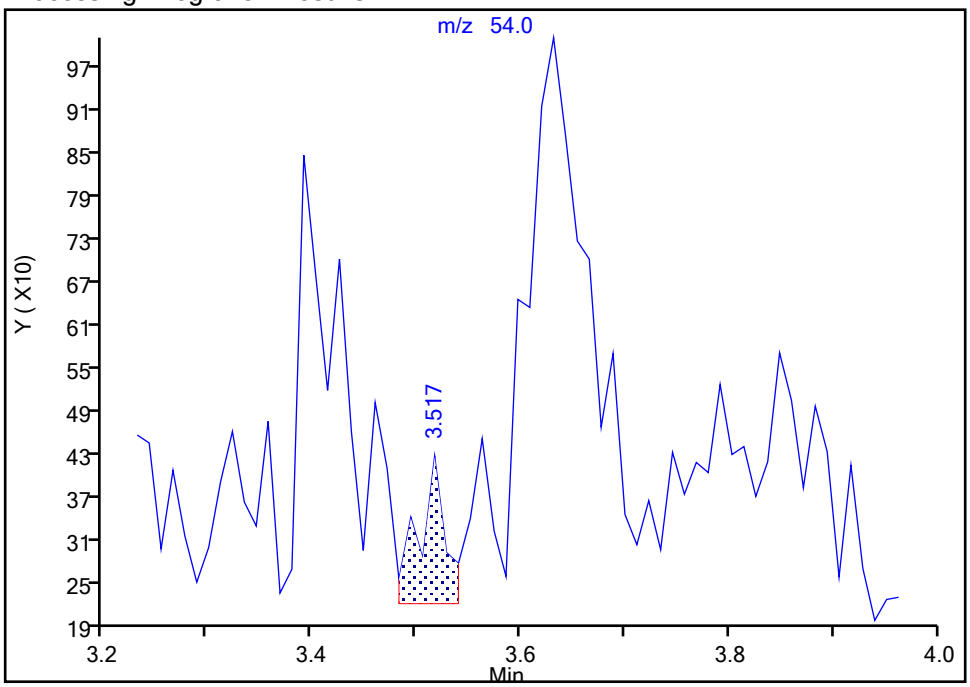
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

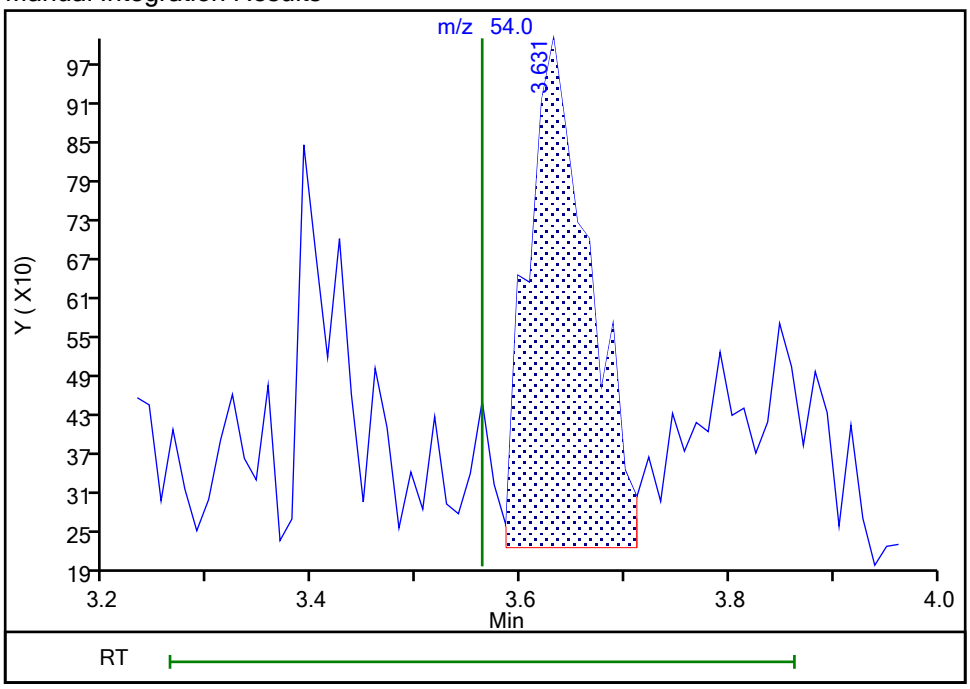
Processing Integration Results

RT: 3.52
Area: 368
Amount: 0.621246
Amount Units: ug/l



Manual Integration Results

RT: 3.63
Area: 3254
Amount: 4.465102
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:05:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins Edison

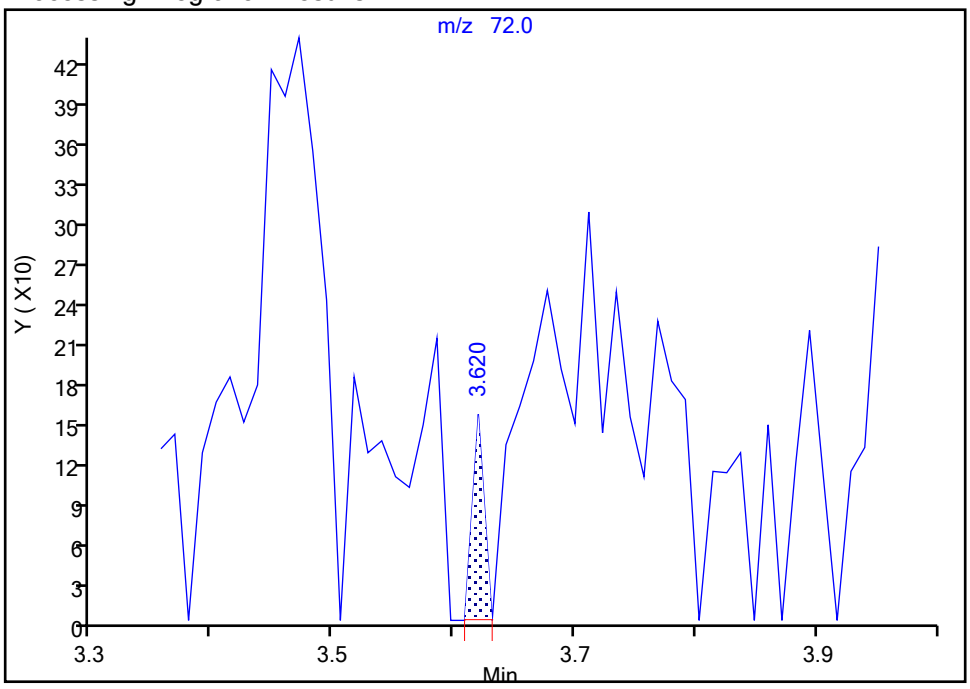
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

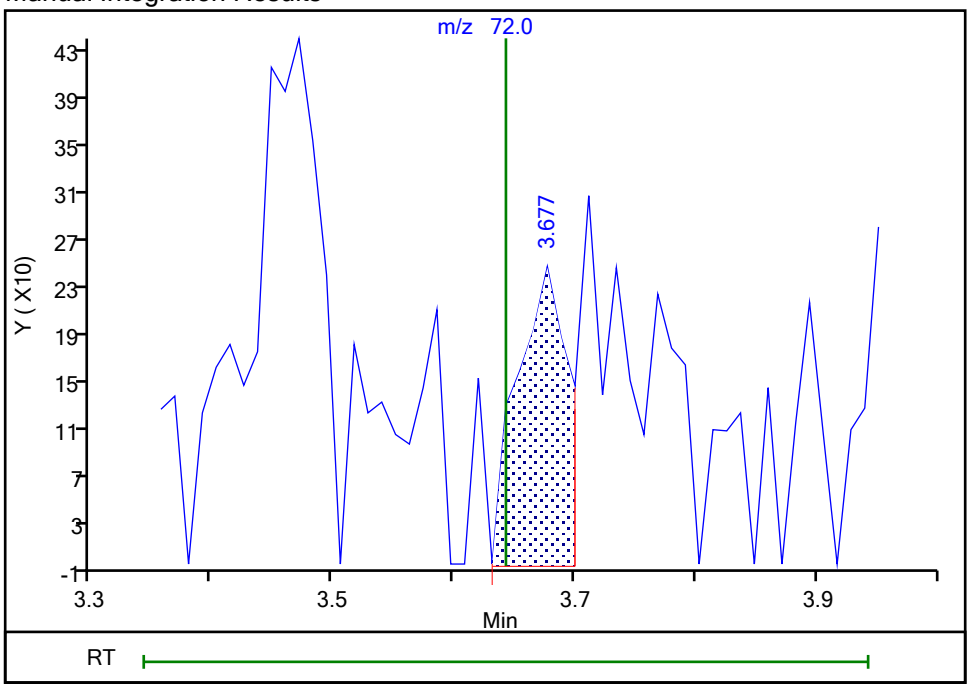
Processing Integration Results

RT: 3.62
Area: 106
Amount: 0.154119
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 741
Amount: 0.966244
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:27:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

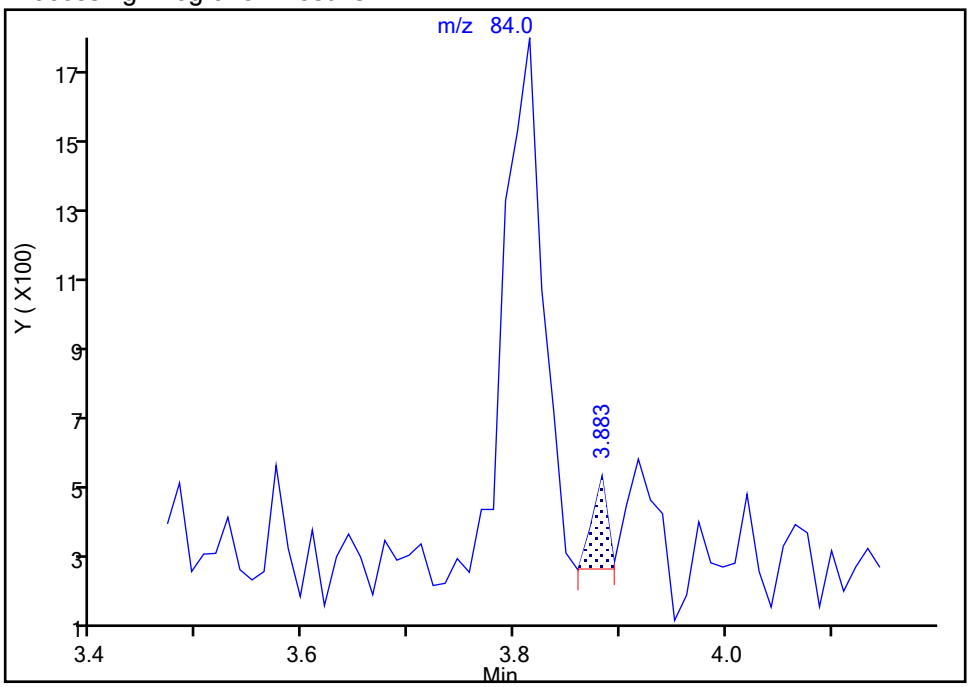
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

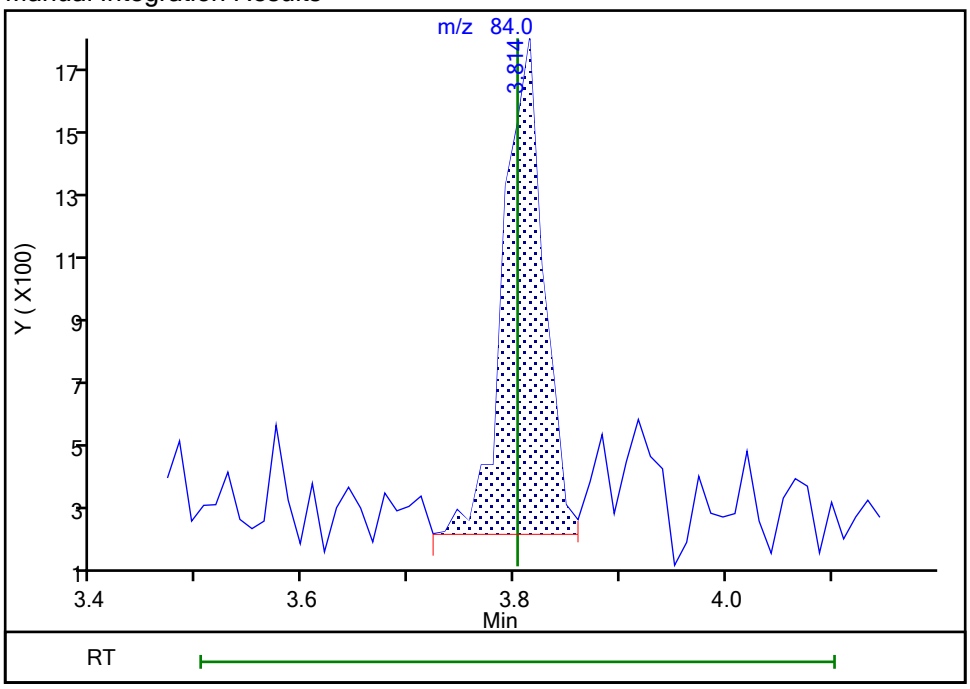
Processing Integration Results

RT: 3.88
Area: 259
Amount: 0.034899
Amount Units: ug/l



Manual Integration Results

RT: 3.81
Area: 3803
Amount: 0.447622
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:05:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

Eurofins Edison

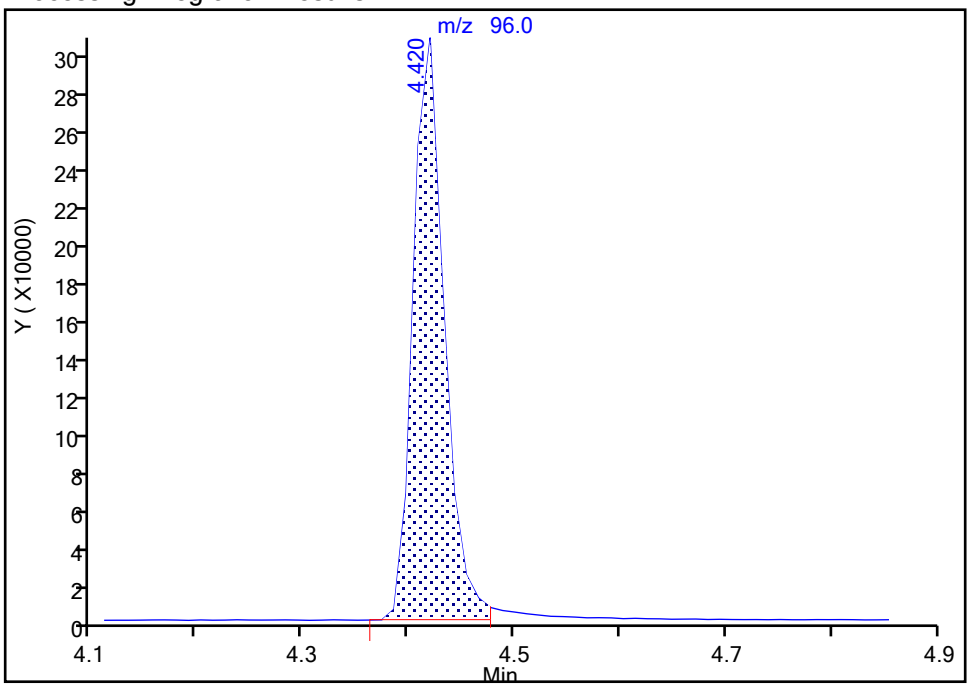
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 67 Fluorobenzene, CAS: 462-06-6

Signal: 1

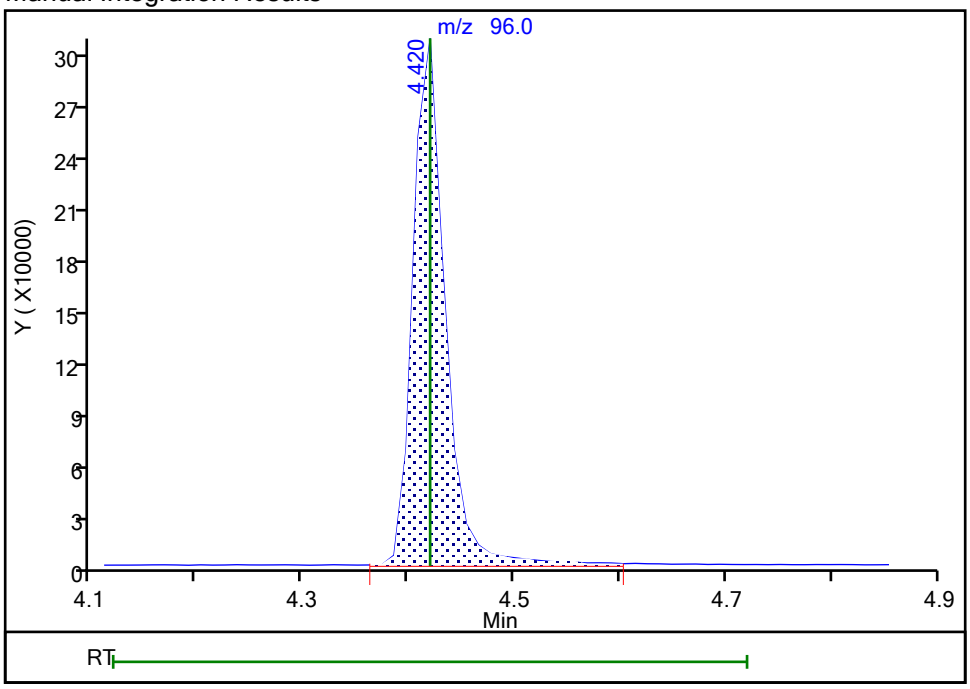
Processing Integration Results

RT: 4.42
Area: 622118
Amount: 50.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.42
Area: 638918
Amount: 50.000000
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:16:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

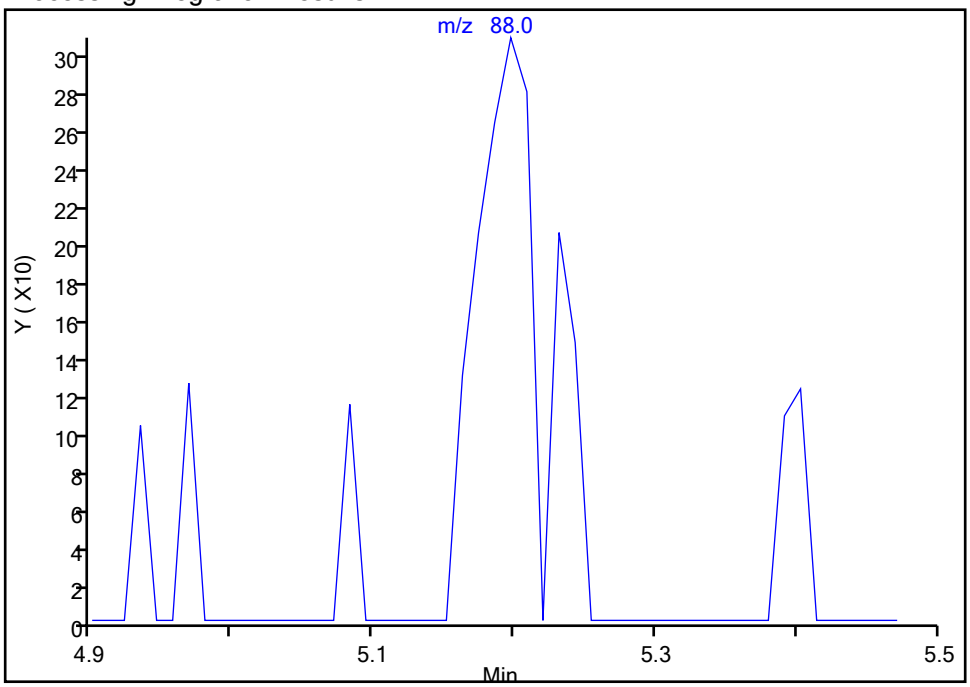
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

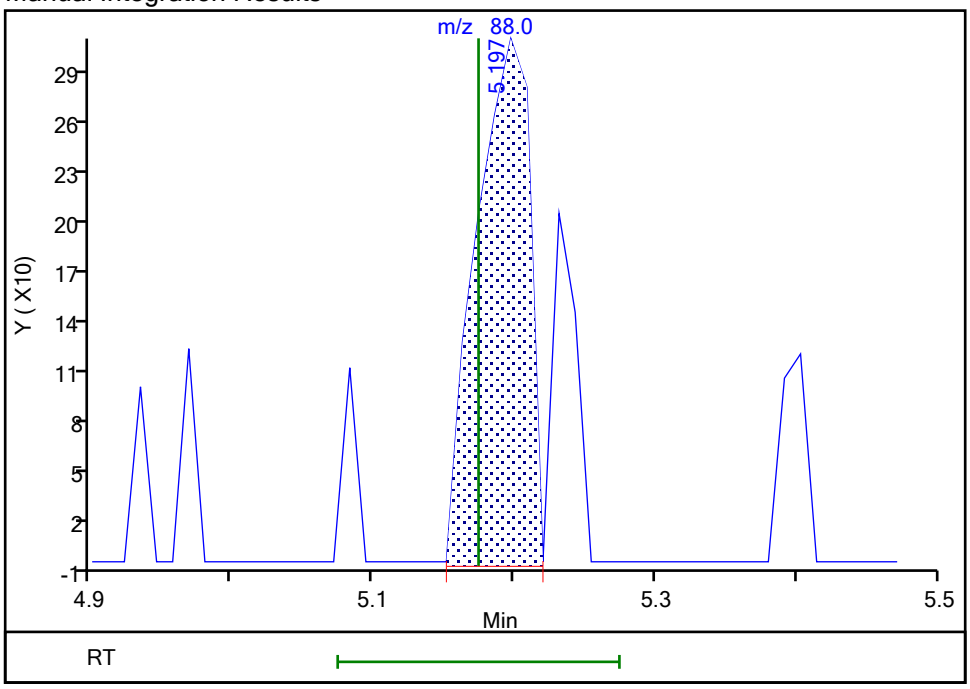
Not Detected
Expected RT: 5.17

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 806
Amount: 16.355387
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:07:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

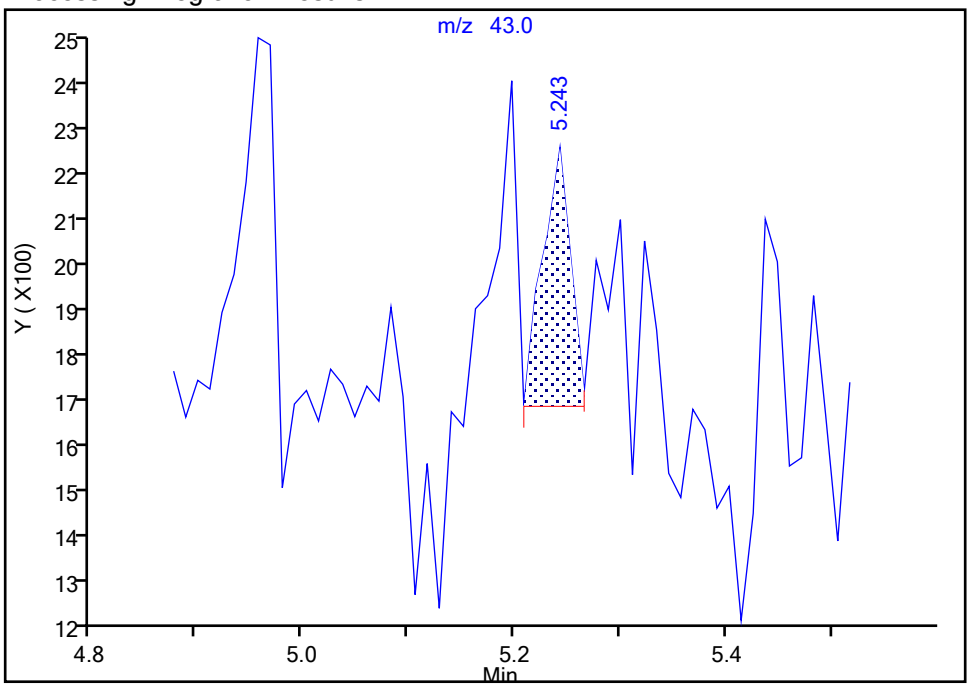
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

77 n-Propyl acetate, CAS: 109-60-4

Signal: 1

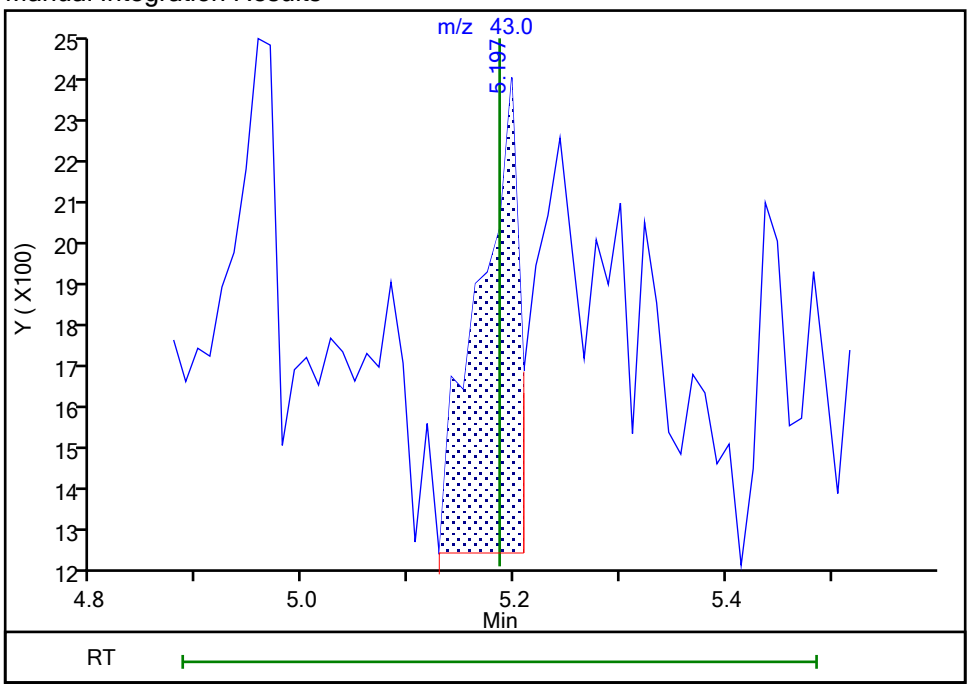
Processing Integration Results

RT: 5.24
Area: 985
Amount: 0.121171
Amount Units: ug/l



Manual Integration Results

RT: 5.20
Area: 2949
Amount: 0.375947
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:28:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

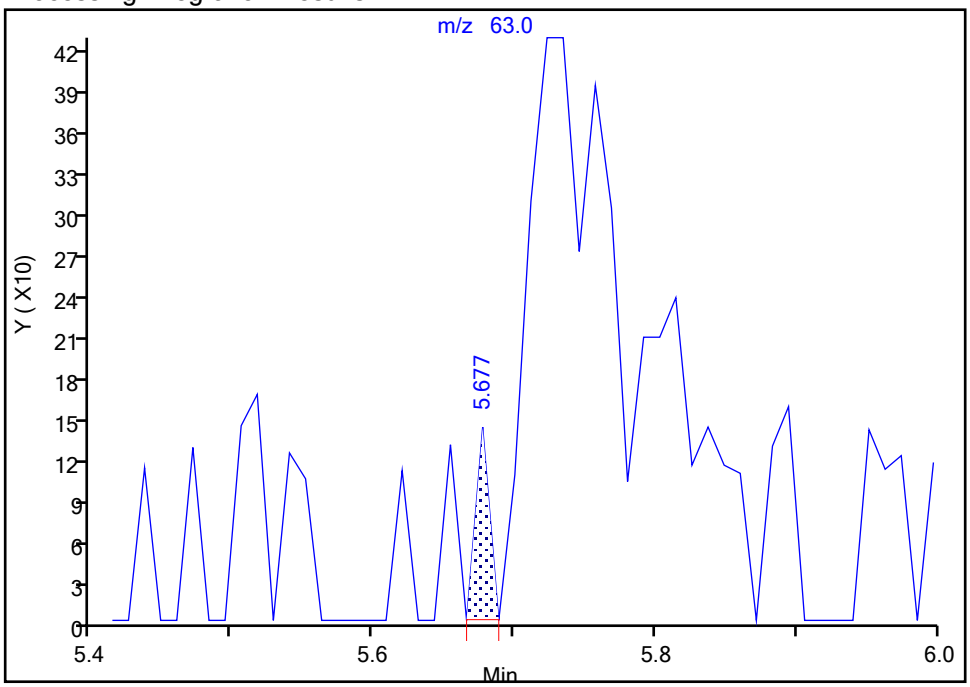
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

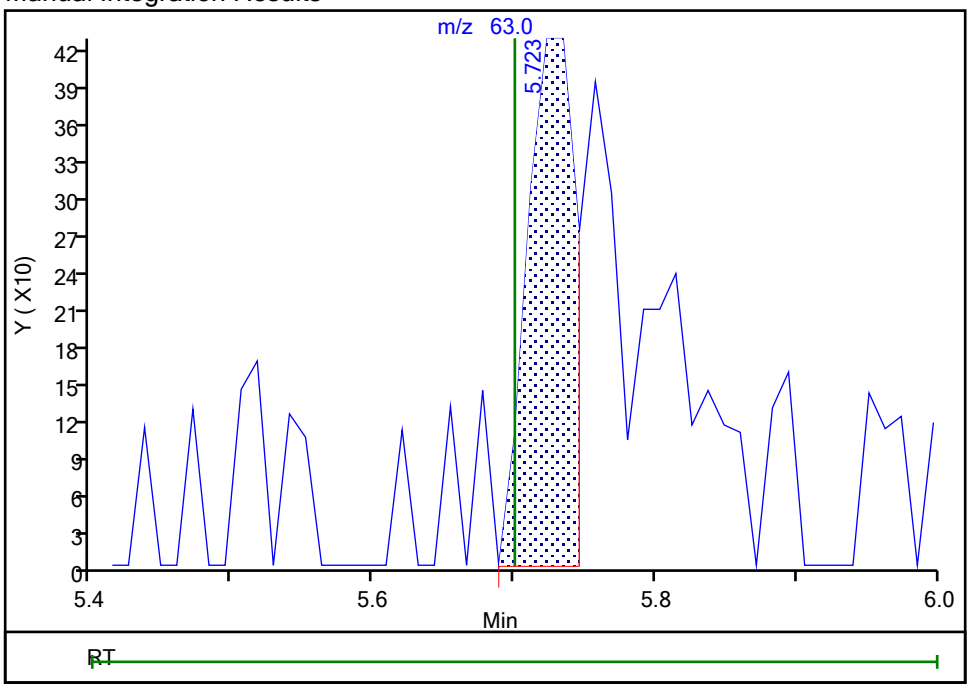
Processing Integration Results

RT: 5.68
Area: 97
Amount: 0.030660
Amount Units: ug/l



Manual Integration Results

RT: 5.72
Area: 1058
Amount: 0.334093
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:07:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

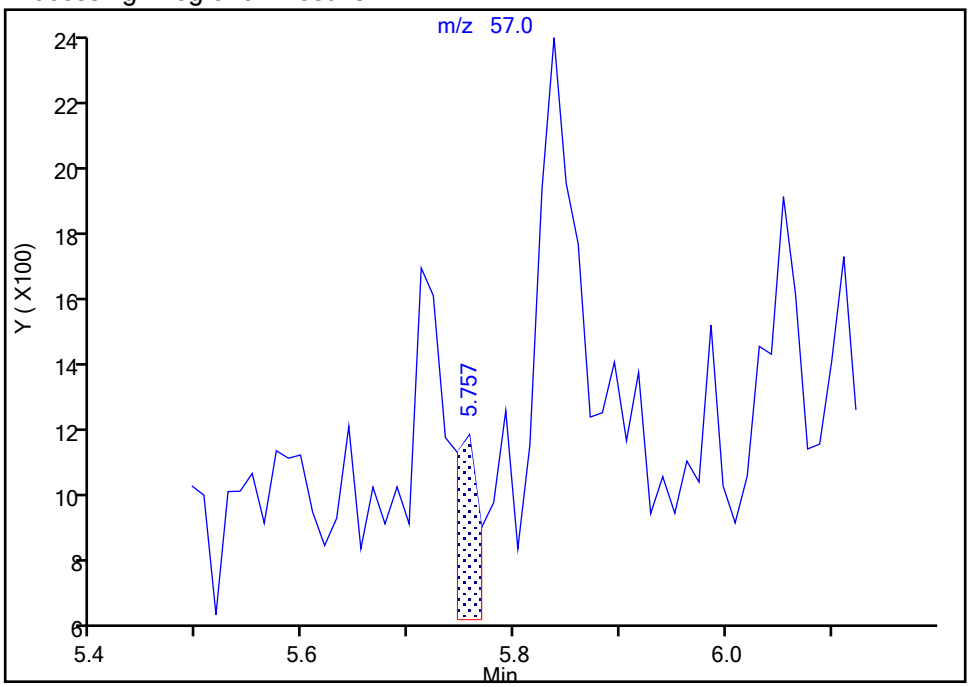
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

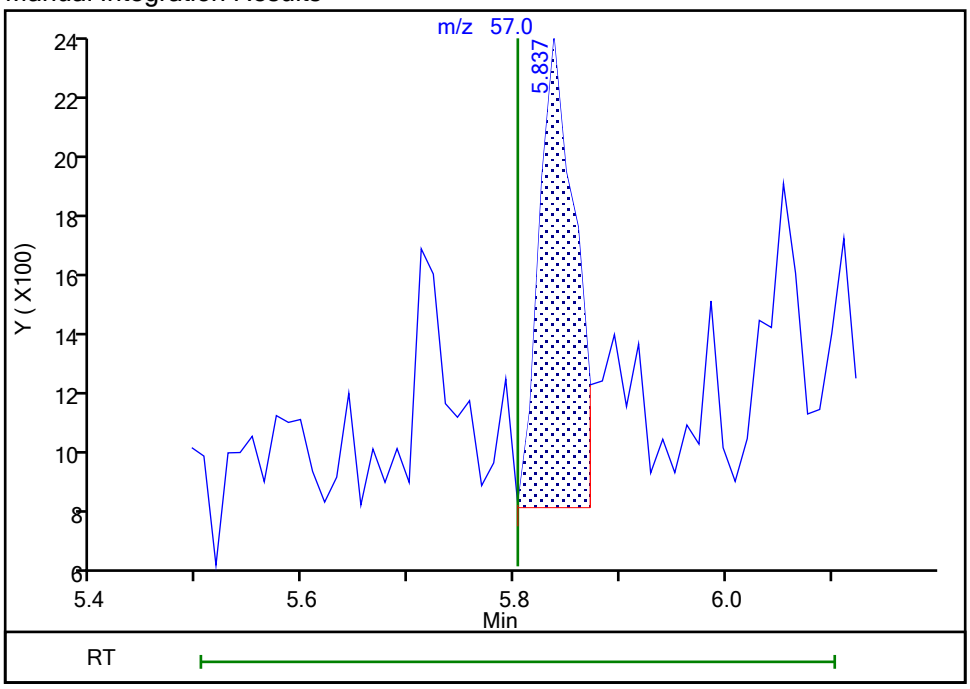
Processing Integration Results

RT: 5.76
Area: 862
Amount: 1.901482
Amount Units: ug/l



Manual Integration Results

RT: 5.84
Area: 3482
Amount: 6.691685
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:28:38 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

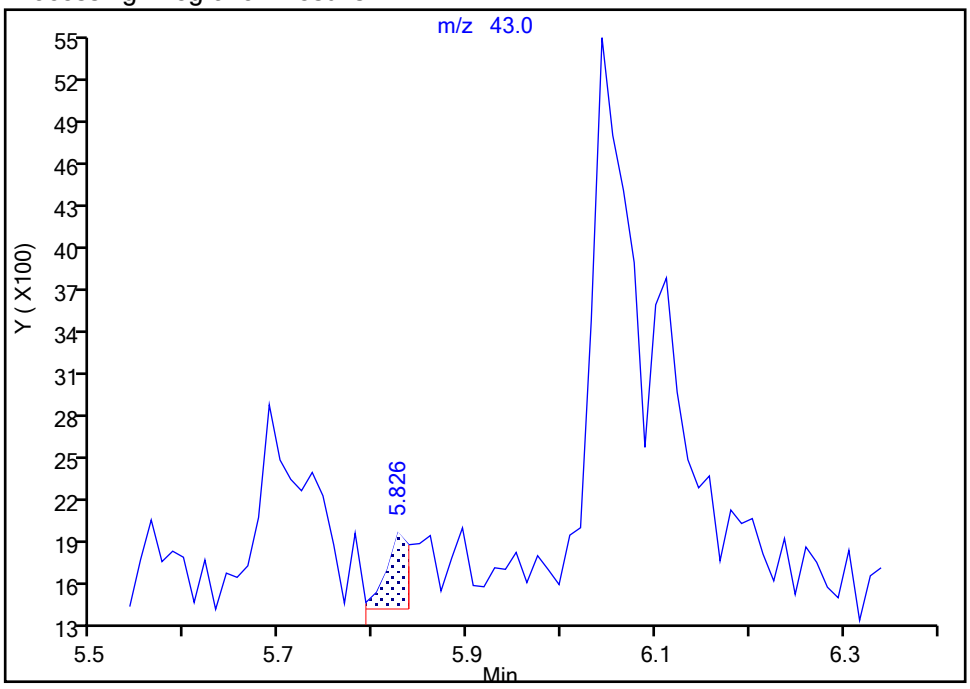
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

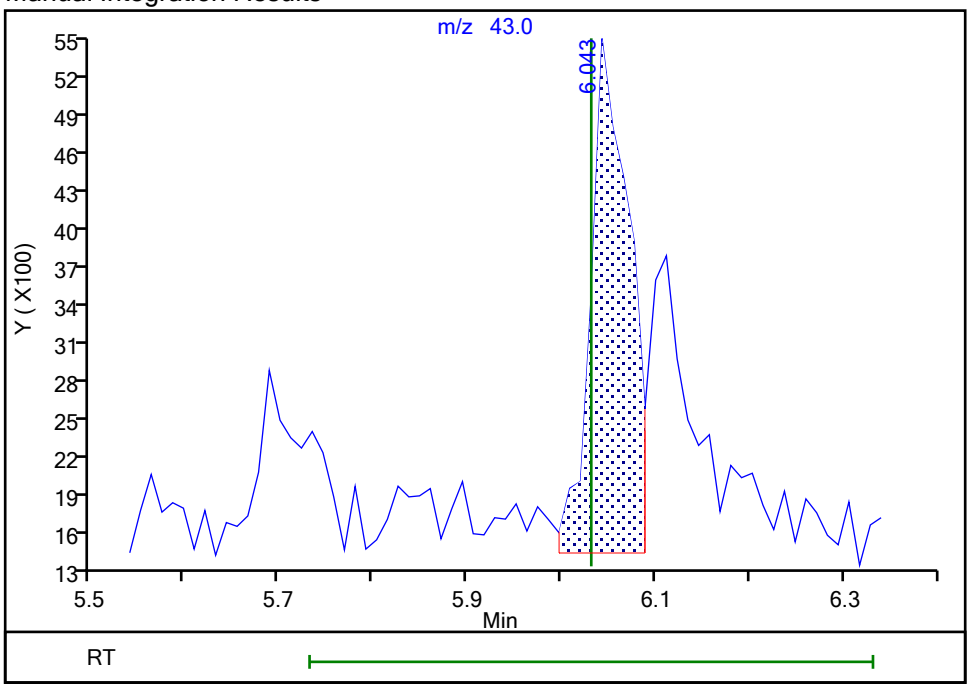
Processing Integration Results

RT: 5.83
Area: 959
Amount: 0.184888
Amount Units: ug/l



Manual Integration Results

RT: 6.04
Area: 11828
Amount: 2.144422
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:07:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

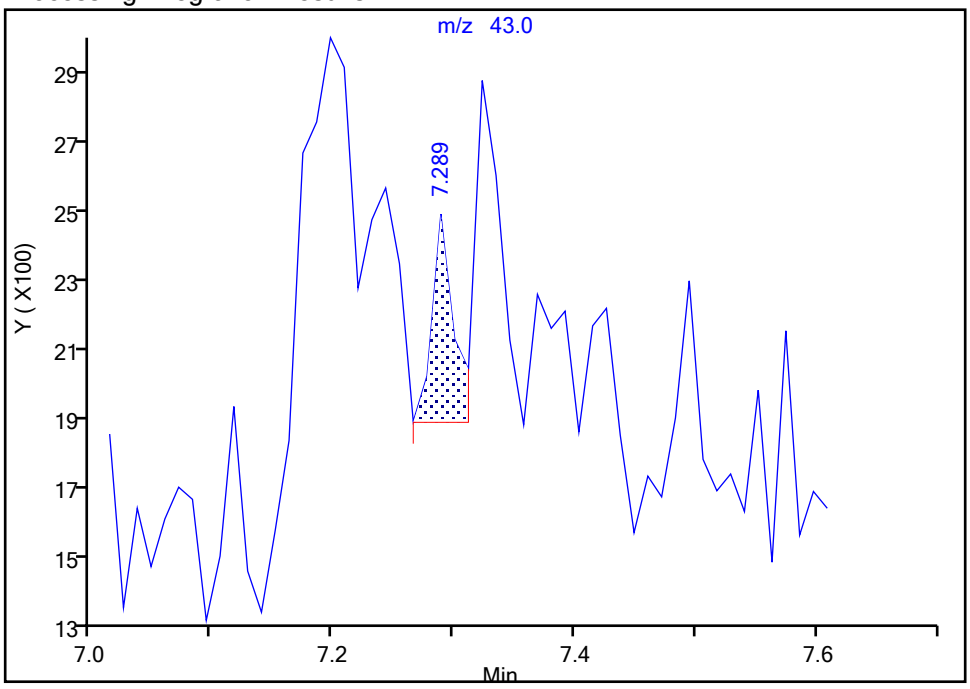
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

92 n-Butyl acetate, CAS: 123-86-4

Signal: 1

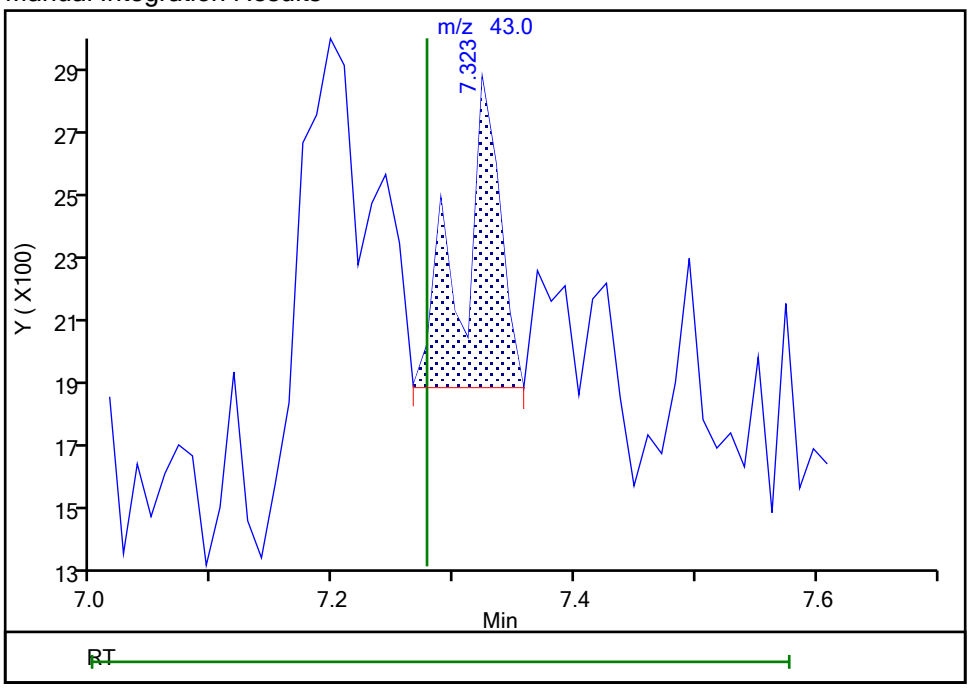
Processing Integration Results

RT: 7.29
Area: 745
Amount: 0.078014
Amount Units: ug/l



Manual Integration Results

RT: 7.32
Area: 2084
Amount: 0.218231
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:08:08 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

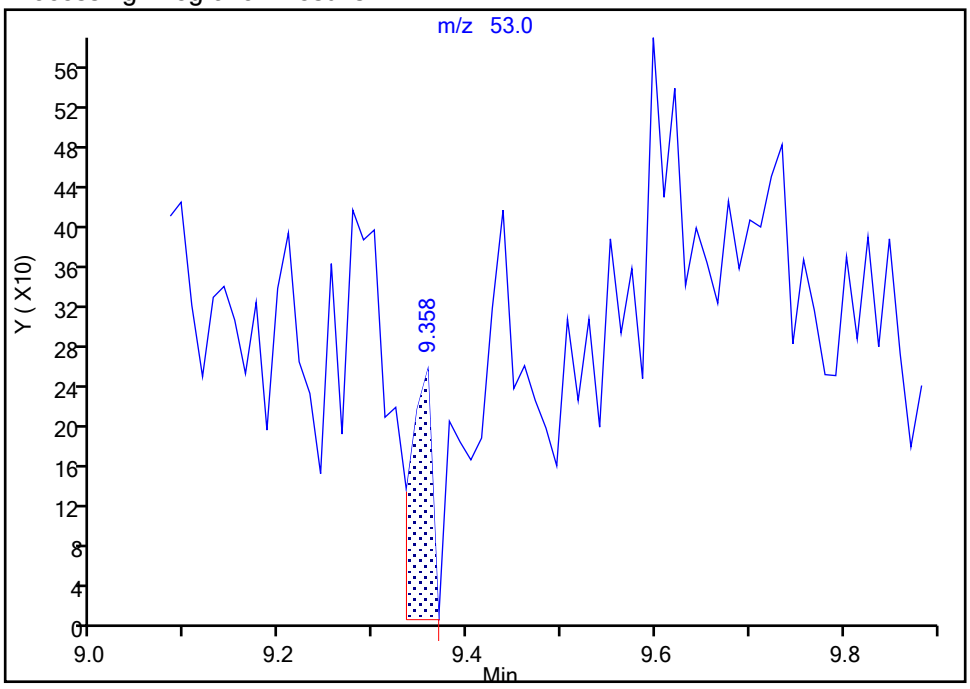
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

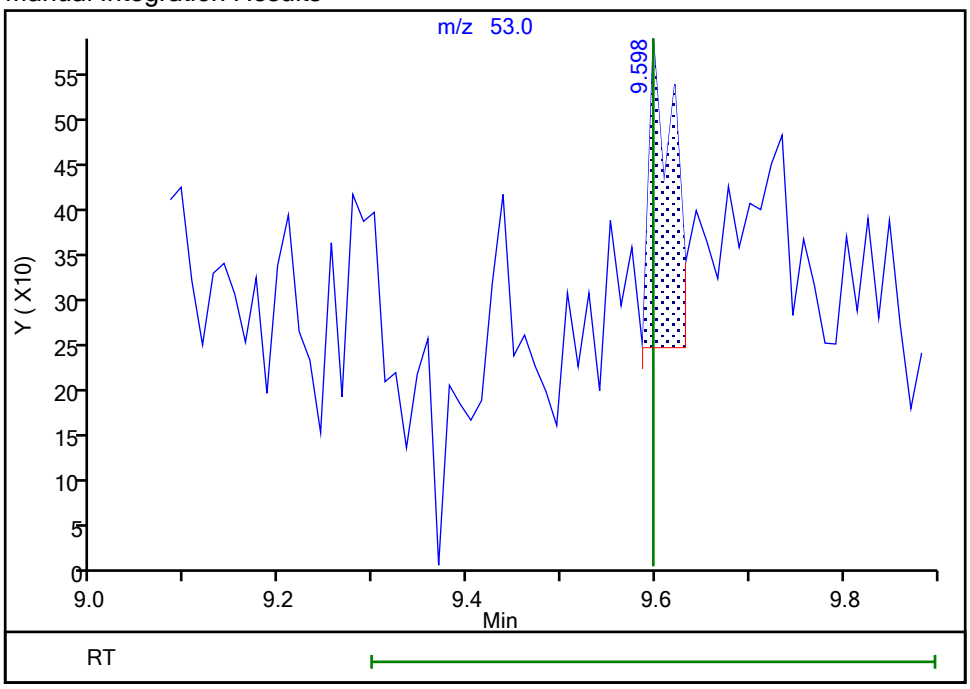
Processing Integration Results

RT: 9.36
Area: 409
Amount: 0.216820
Amount Units: ug/l



Manual Integration Results

RT: 9.60
Area: 627
Amount: 0.346211
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:08:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

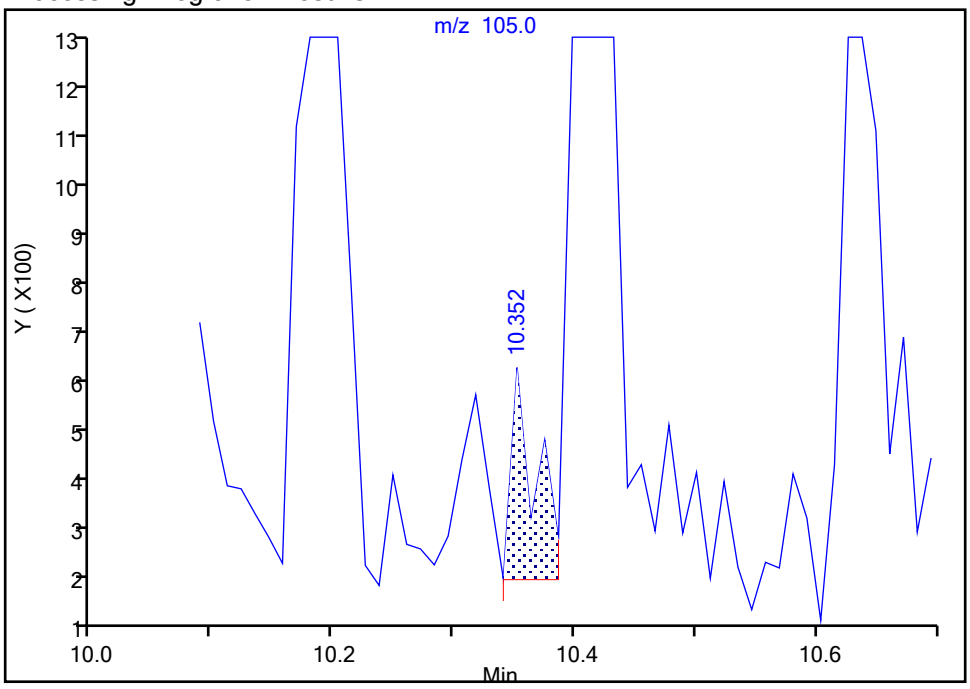
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

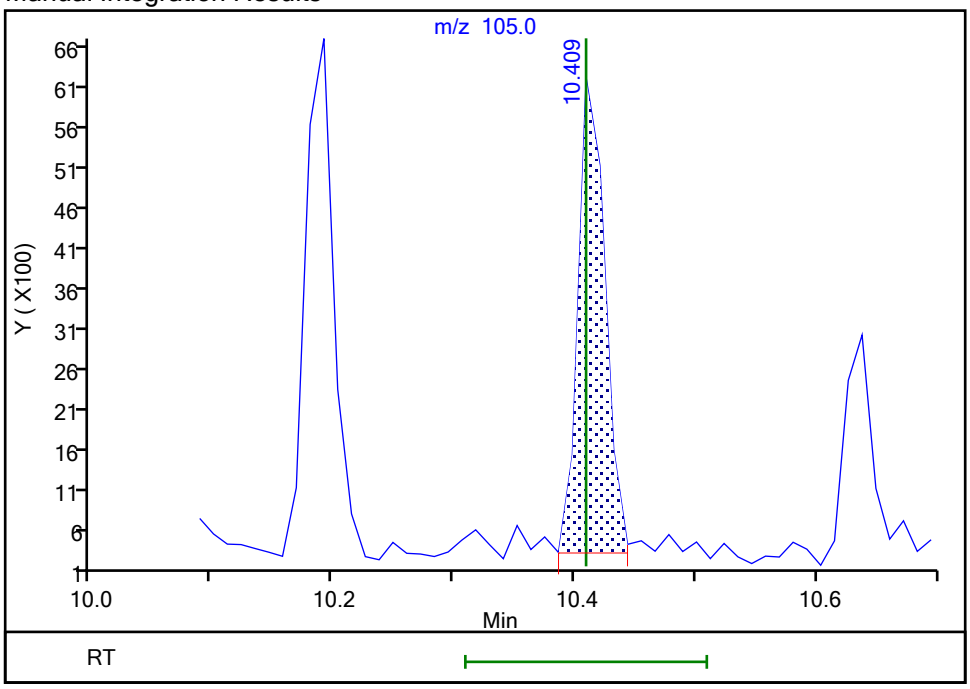
Processing Integration Results

RT: 10.35
Area: 598
Amount: 0.025942
Amount Units: ug/l



Manual Integration Results

RT: 10.41
Area: 9105
Amount: 0.426271
Amount Units: ug/l



Reviewer: K0HS, 05-Jan-2024 08:08:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

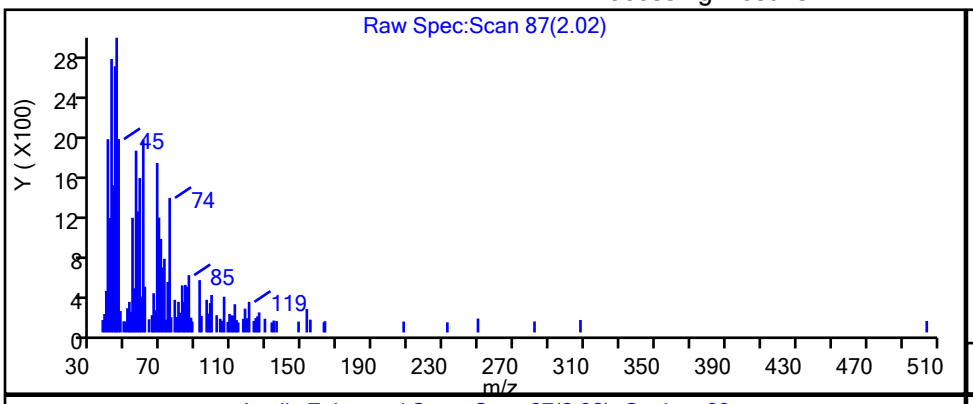
User Disabled Compound Report

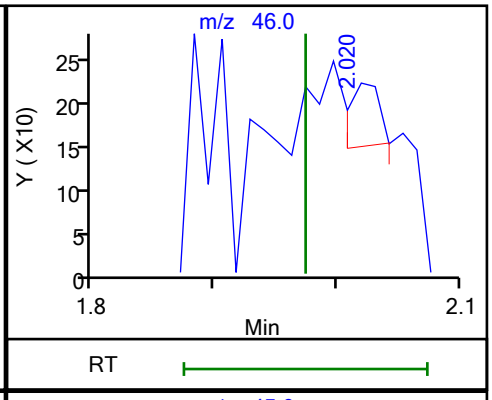
Eurofins Edison

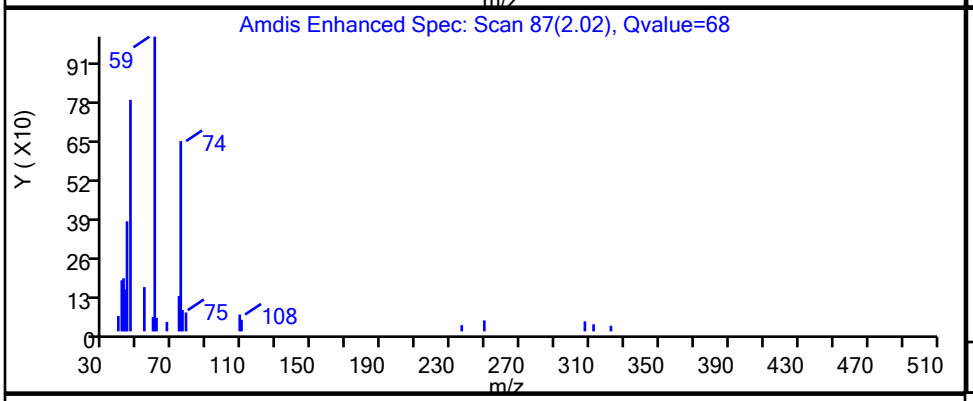
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

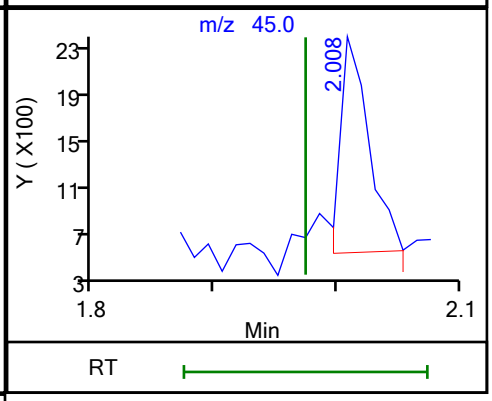
17 Ethanol, CAS: 64-17-5

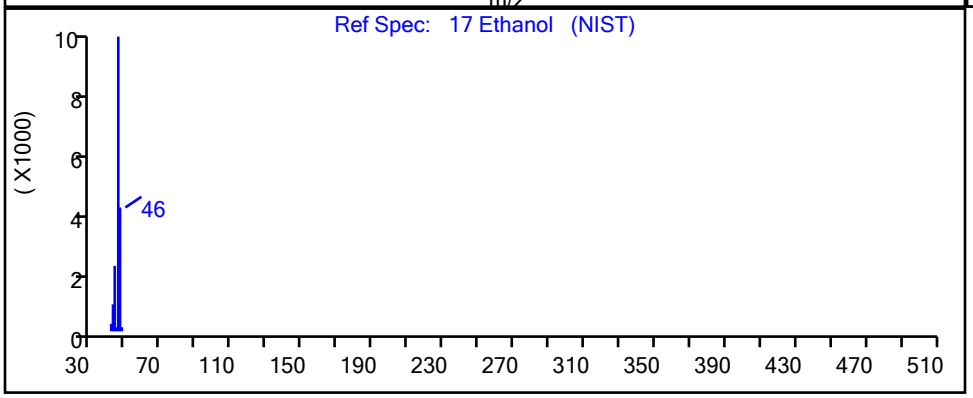
Processing Results











RT	Mass	Response	Amount
2.02	46.00	126	7.906797
2.01	45.00	2919	

Reviewer: W9CM, 05-Jan-2024 11:25:20 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

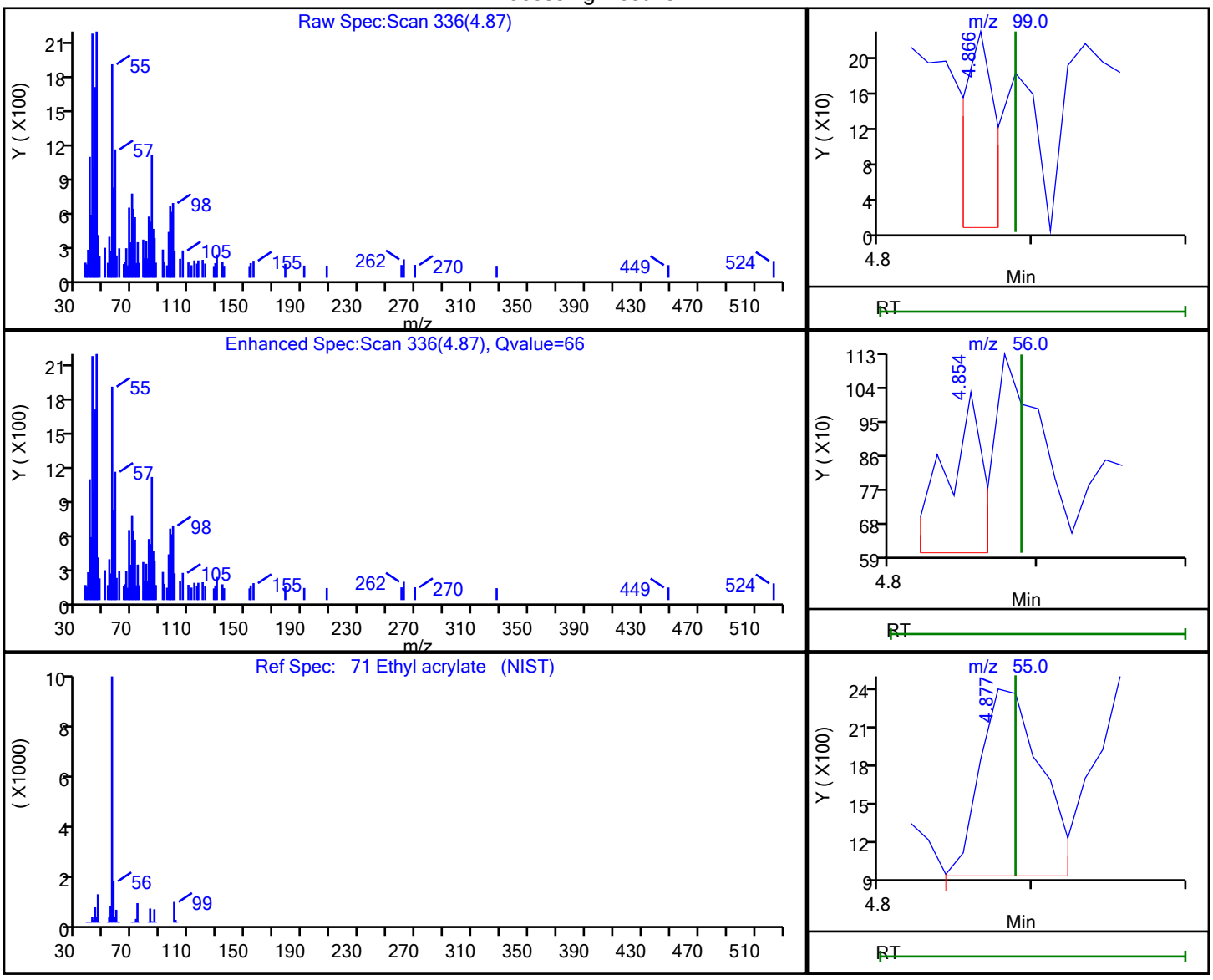
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.87	99.00	334	0.402110
4.85	56.00	763	
4.88	55.00	3935	

Reviewer: W9CM, 05-Jan-2024 11:27:44 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

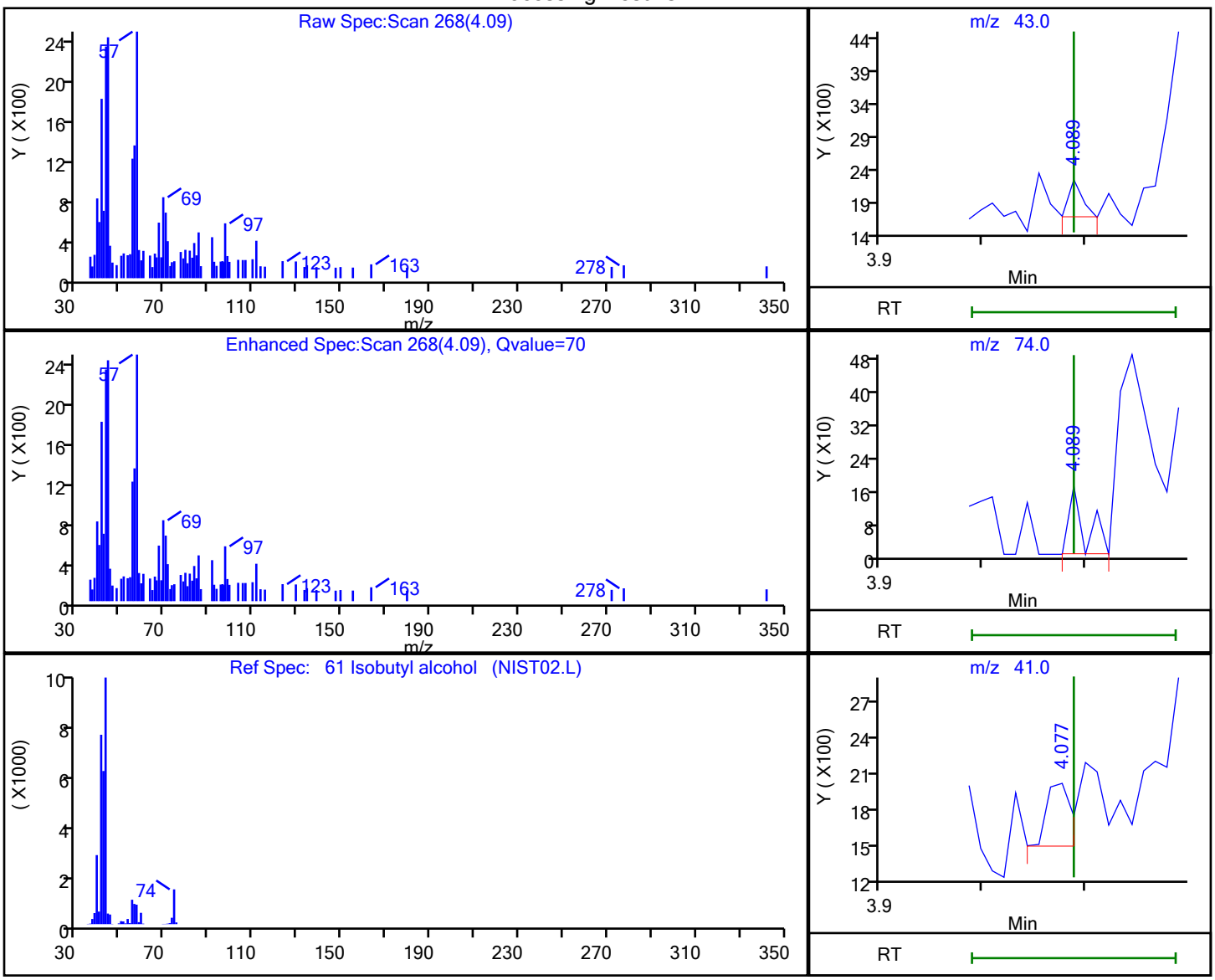
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
4.09	43.00	540	1.811217
4.09	74.00	187	
4.08	41.00	860	

Reviewer: W9CM, 05-Jan-2024 11:27:19 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

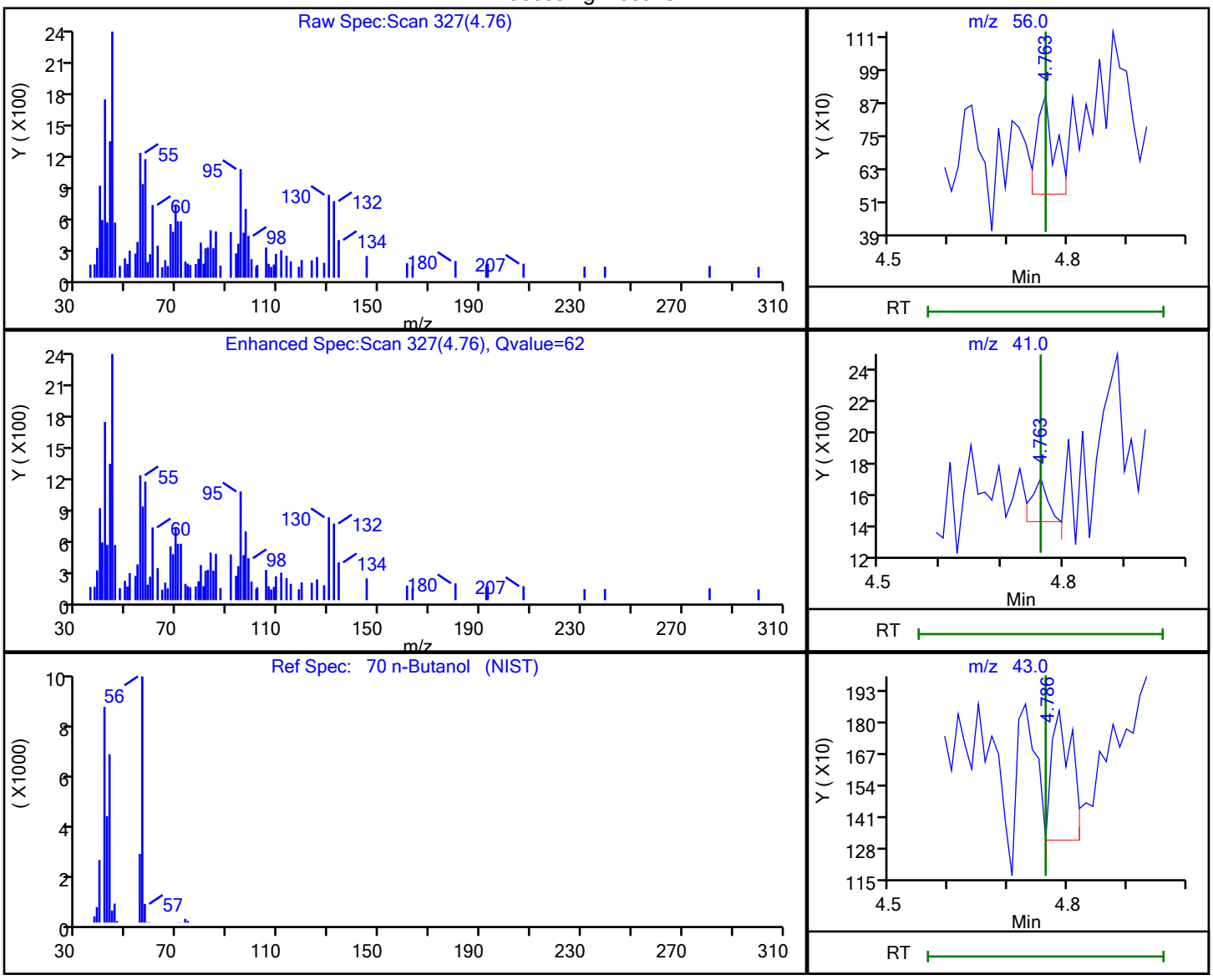
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49184.D
Injection Date: 05-Jan-2024 00:15:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.76	56.00	772	14.856802
4.76	41.00	468	
4.79	43.00	1269	

Reviewer: W9CM, 05-Jan-2024 11:27:32 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49186.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 05-Jan-2024 00:58:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0170980-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:19 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 07:37:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.140	1.151	-0.011	83	2271	5.00	12.4	M
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	88	5981	5.00	4.89	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	93	13418	5.00	4.90	
5 Dichlorodifluoromethane	85	1.243	1.254	-0.011	99	33581	5.00	4.78	
2 Chlorodifluoromethane	67	1.266	1.265	0.001	100	6080	5.00	5.22	
6 Chloromethane	50	1.380	1.380	0.000	99	41422	5.00	5.05	
7 Vinyl chloride	62	1.437	1.437	0.000	99	43491	5.00	5.10	
8 Butadiene	54	1.448	1.460	-0.012	97	40298	5.00	5.03	
9 Bromomethane	94	1.654	1.654	0.000	98	17101	5.00	4.32	
10 Chloroethane	64	1.711	1.711	0.000	99	25569	5.00	4.87	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	99	68031	5.00	5.22	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	98	44736	5.00	5.29	
13 Pentane	72	1.871	1.871	0.000	97	11831	10.0	11.6	
17 Ethanol	46	1.986	1.974	0.012	91	4340	200.0	222.6	
14 Ethyl ether	74	2.008	2.008	0.000	96	20221	5.00	5.37	
15 2-Methyl-1,3-butadiene	53	2.020	2.020	0.000	96	34467	5.00	5.53	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.031	0.000	94	23836	5.00	4.88	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	40048	5.00	5.07	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	96	28211	5.00	5.38	
52 Acrolein	56	2.146	2.146	0.000	67	7941	20.0	15.9	
20 1,1-Dichloroethene	96	2.169	2.168	0.000	95	27210	5.00	5.24	
23 Acetone	43	2.226	2.226	0.000	84	45139	25.0	29.1	
21 Iodomethane	142	2.294	2.294	0.000	98	19413	5.00	3.37	
24 Isopropyl alcohol	45	2.306	2.294	0.012	61	13582	50.0	53.0	
22 Carbon disulfide	76	2.317	2.317	0.000	100	97091	5.00	4.80	
30 Methyl acetate	43	2.420	2.408	0.012	99	46197	10.0	10.9	
26 3-Chloro-1-propene	76	2.409	2.408	0.001	95	20543	5.00	5.07	
25 Cyclopentene	67	2.431	2.431	0.000	94	72970	5.00	5.62	
27 Acetonitrile	41	2.466	2.454	0.012	19	23240	50.0	38.7	a
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	99	32963	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	97	31586	5.00	5.12	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	97	25489	50.0	49.7	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	96	92324	5.00	5.26	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	99	30233	5.00	5.25	
35 Acrylonitrile	53	2.717	2.706	0.011	95	111547	50.0	51.5	
36 Hexane	57	2.786	2.786	0.000	93	46756	5.00	5.91	
37 Isopropyl ether	45	2.946	2.946	0.000	96	111314	5.00	5.13	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	100	62027	5.00	5.20	
40 Vinyl acetate	43	2.991	2.991	0.000	100	118555	10.0	9.79	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	95	29009	5.00	5.33	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	89	102200	5.00	5.13	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	100	299284	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.403	0.011	96	12288	5.00	5.51	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	94	34107	5.00	5.25	
44 2-Butanone (MEK)	72	3.449	3.437	0.012	95	17912	25.0	28.3	
47 Ethyl acetate	70	3.449	3.449	0.001	93	5652	10.0	10.7	
46 Methyl acrylate	55	3.506	3.494	0.012	99	19856	5.00	4.57	
48 Propionitrile	54	3.563	3.563	0.000	96	35233	50.0	47.6	
49 Chlorobromomethane	128	3.643	3.643	0.000	95	15140	5.00	5.03	
50 Tetrahydrofuran	72	3.643	3.643	0.000	38	8009	10.0	10.3	a
54 Methacrylonitrile	67	3.654	3.643	0.011	95	123368	50.0	50.6	
51 Chloroform	83	3.689	3.689	0.000	97	56566	5.00	5.17	
53 Cyclohexane	84	3.803	3.803	0.000	95	49158	5.00	5.70	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	97	48985	5.00	5.15	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	175596	50.0	50.6	
57 Carbon tetrachloride	117	3.929	3.929	0.000	96	42474	5.00	5.28	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	96	45838	5.00	5.25	
61 Isobutyl alcohol	43	4.100	4.089	0.011	54	44490	125.0	135.0	
64 Isooctane	57	4.100	4.100	0.000	96	91983	5.00	5.58	
59 Benzene	78	4.146	4.134	0.012	96	127029	5.00	5.10	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	212613	50.0	49.1	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	89	101707	5.00	5.35	
66 Isopropyl acetate	87	4.192	4.191	0.001	92	26831	5.00	4.91	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	97	45046	5.00	5.09	
65 n-Heptane	57	4.283	4.283	0.000	95	19226	5.00	5.77	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	648815	50.0	50.0	
69 Trichloroethene	95	4.774	4.774	0.000	97	31508	5.00	5.19	
72 Methylcyclohexane	83	4.889	4.877	0.012	91	49691	5.00	5.44	
71 Ethyl acrylate	99	4.900	4.889	0.011	93	4720	5.00	5.45	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	33172	5.00	5.04	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	50	20325	1000.0	1000.0	
74 Methyl methacrylate	100	5.140	5.129	0.011	94	16528	10.0	11.1	
78 1,4-Dioxane	88	5.186	5.174	0.012	34	5526	100.0	113.9	
77 n-Propyl acetate	43	5.197	5.186	0.011	97	38601	5.00	4.85	
75 Dibromomethane	93	5.186	5.186	0.000	94	18950	5.00	4.93	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	40068	5.00	4.87	
34 2-Nitropropane	41	5.689	5.677	0.012	98	22614	10.0	10.8	
79 2-Chloroethyl vinyl ether	63	5.712	5.700	0.012	90	16604	5.01	5.16	
80 Epichlorohydrin	57	5.815	5.803	0.012	99	57341	100.0	111.6	
81 cis-1,3-Dichloropropene	75	5.872	5.860	0.012	97	55029	5.00	5.27	
84 4-Methyl-2-pentanone (MIBK)	43	6.032	6.032	0.000	99	157784	25.0	29.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	769730	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.203	6.192	0.011	92	138884	5.00	5.17	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	98	48853	5.00	5.13	
86 Ethyl methacrylate	69	6.638	6.626	0.012	89	39110	5.00	5.54	
87 1,1,2-Trichloroethane	83	6.832	6.832	0.000	95	22508	5.00	5.28	
88 Tetrachloroethene	166	6.866	6.866	0.000	96	29261	5.00	5.22	
89 1,3-Dichloropropane	76	7.060	7.049	0.011	97	48669	5.00	5.35	
91 2-Hexanone	43	7.140	7.129	0.011	98	92164	25.0	27.5	
92 n-Butyl acetate	43	7.289	7.277	0.012	97	35771	5.00	3.78	
90 Chlorodibromomethane	129	7.312	7.312	0.000	96	27223	5.00	4.89	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	26729	5.00	5.29	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	452724	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	95	79959	5.00	5.20	
97 Ethylbenzene	106	8.181	8.180	0.001	99	42405	5.00	4.92	
96 1,1,1,2-Tetrachloroethane	131	8.203	8.203	0.000	94	27152	5.00	5.01	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	98	53645	5.00	4.91	
100 o-Xylene	106	8.775	8.763	0.012	92	52796	5.00	5.08	
99 n-Butyl acrylate	73	8.786	8.775	0.011	98	22429	5.00	4.82	
101 Styrene	104	8.809	8.798	0.011	94	87207	5.00	5.23	
102 Amyl acetate (mixed isomers)	43	9.026	9.015	0.011	91	51229	5.00	5.17	
103 Bromoform	173	9.026	9.015	0.011	95	18401	5.00	5.13	
104 Isopropylbenzene	105	9.141	9.140	0.001	96	134257	5.00	5.21	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	196108	50.0	50.0	
107 Bromobenzene	156	9.472	9.472	0.000	95	30016	5.00	5.14	
108 1,1,2,2-Tetrachloroethane	83	9.541	9.529	0.012	98	33702	5.00	4.92	
109 N-Propylbenzene	91	9.541	9.541	0.000	98	160900	5.00	5.34	
115 1,2,3-Trichloropropane	110	9.575	9.563	0.012	96	11068	5.00	5.62	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	82	9047	5.00	5.02	
114 2-Chlorotoluene	91	9.644	9.643	0.001	97	107183	5.00	5.25	
113 4-Ethyltoluene	105	9.655	9.655	0.000	98	124816	5.00	5.12	
116 1,3,5-Trimethylbenzene	105	9.724	9.712	0.012	92	110996	5.00	5.32	
110 4-Chlorotoluene	91	9.758	9.758	0.000	99	107737	5.00	5.44	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	34217	5.00	4.84	
118 tert-Butylbenzene	119	9.998	9.986	0.012	93	91237	5.00	5.25	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	98	104093	5.00	4.94	
120 sec-Butylbenzene	105	10.181	10.181	0.000	99	128135	5.00	5.26	
121 4-Isopropyltoluene	119	10.318	10.306	0.012	97	104068	5.00	5.01	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	78	57737	5.00	5.14	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	211188	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	94	56781	5.00	5.02	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	108253	5.00	5.10	
125 Benzyl chloride	91	10.524	10.523	0.001	98	63677	5.00	5.11	
111 2,3-Dihydroindene	117	10.581	10.569	0.012	95	106425	5.00	5.15	
126 p-Diethylbenzene	119	10.626	10.626	0.000	94	59626	5.00	4.73	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	49290	5.00	4.93	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	94	54744	5.00	5.21	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	95683	5.00	5.27	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	90	6533	5.00	4.59	
132 1,3,5-Trichlorobenzene	180	11.449	11.438	0.011	95	35783	5.00	5.15	
131 1,2,4-Trichlorobenzene	180	11.918	11.906	0.012	93	31972	5.00	5.13	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	89	12783	5.00	5.27	
134 Naphthalene	128	12.089	12.089	0.000	99	85644	5.00	5.14	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	93	29039	5.00	4.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 137 Xylenes, Total	100				0		10.0	10.0	
S 138 1,3-Dichloropropene, Total	1				0		10.0	10.4	
S 139 Total BTEX	1				0		25.0	25.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00181	Amount Added: 10.00	Units: uL		
ACROLEIN W_00164	Amount Added: 4.00	Units: uL		
524FREONS_00012	Amount Added: 10.00	Units: uL		
GASES Li_00565	Amount Added: 10.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 22-Jan-2024 07:24:20 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49186.D

Injection Date: 05-Jan-2024 00:58:30 Instrument ID: CVOAMS7

Lims ID: STD5

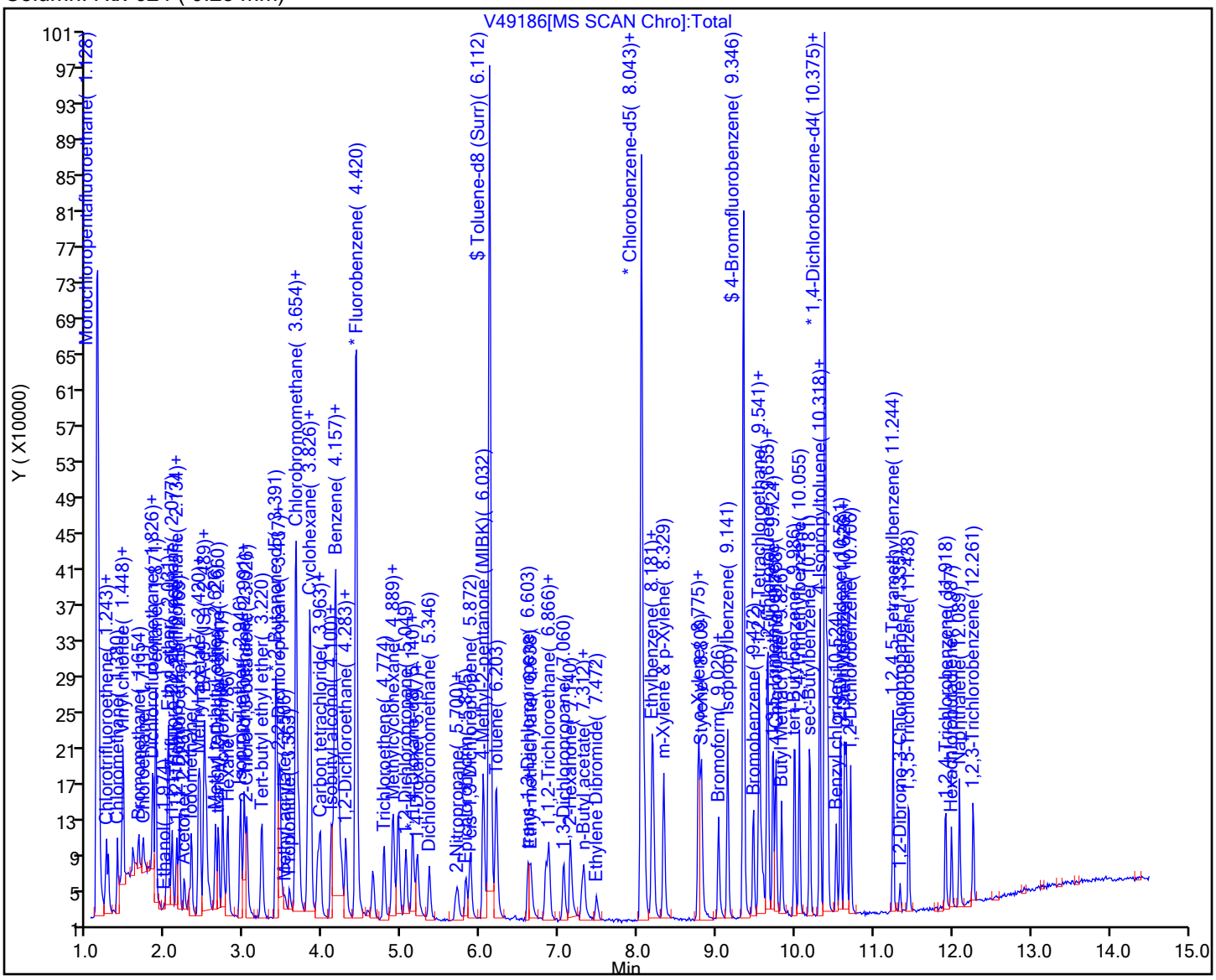
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

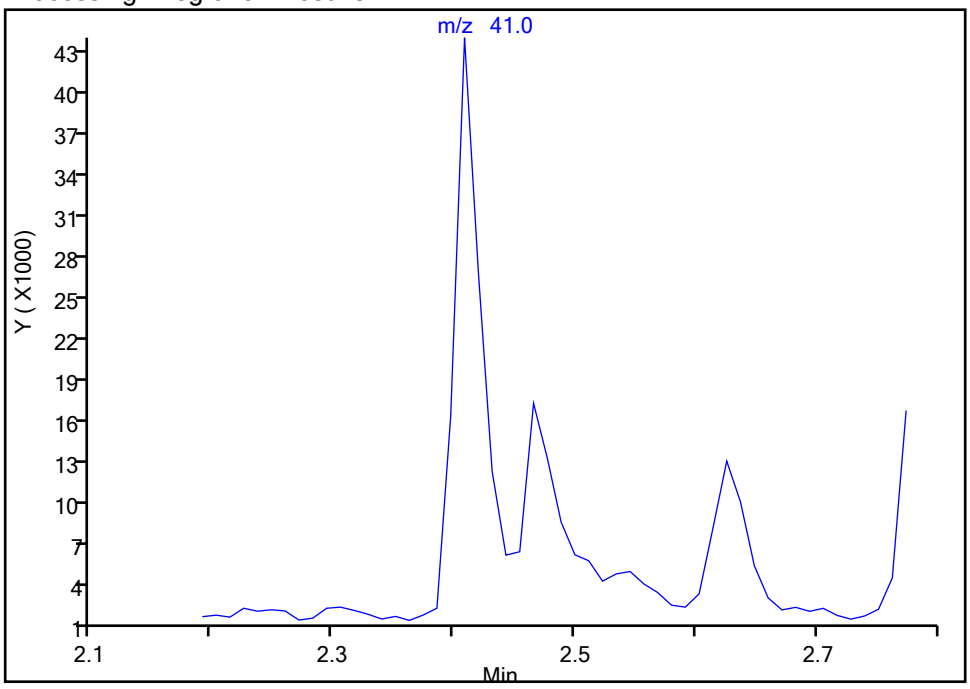
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49186.D
Injection Date: 05-Jan-2024 00:58:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

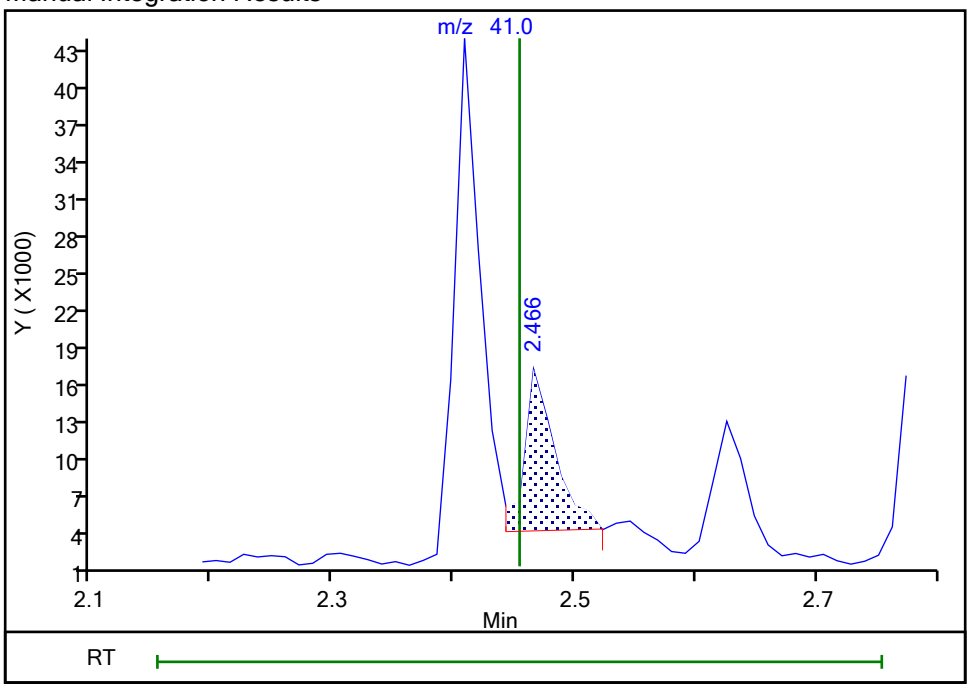
Not Detected
Expected RT: 2.45

Processing Integration Results



Manual Integration Results

RT: 2.47
Area: 23240
Amount: 38.695880
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:39:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

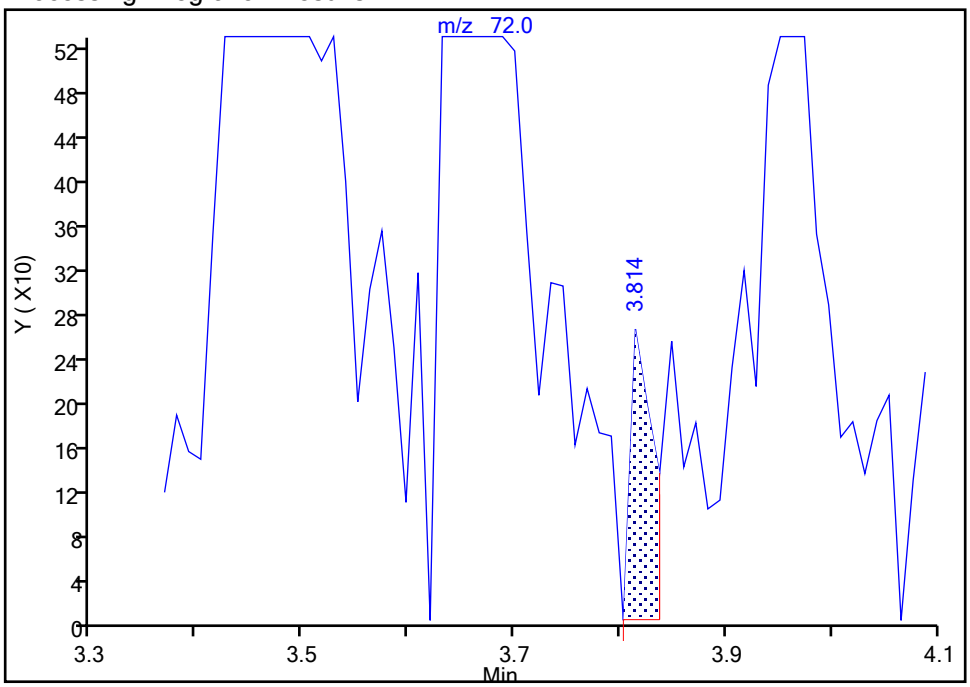
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49186.D
Injection Date: 05-Jan-2024 00:58:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

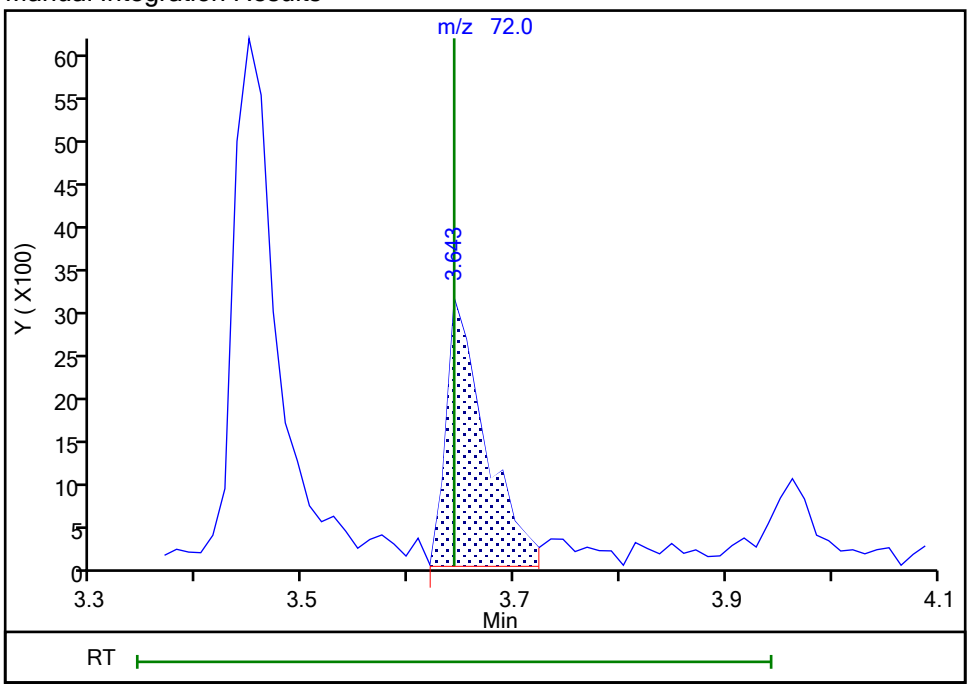
Processing Integration Results

RT: 3.81
Area: 405
Amount: 0.604353
Amount Units: ug/l



Manual Integration Results

RT: 3.64
Area: 8009
Amount: 10.284216
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:48:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

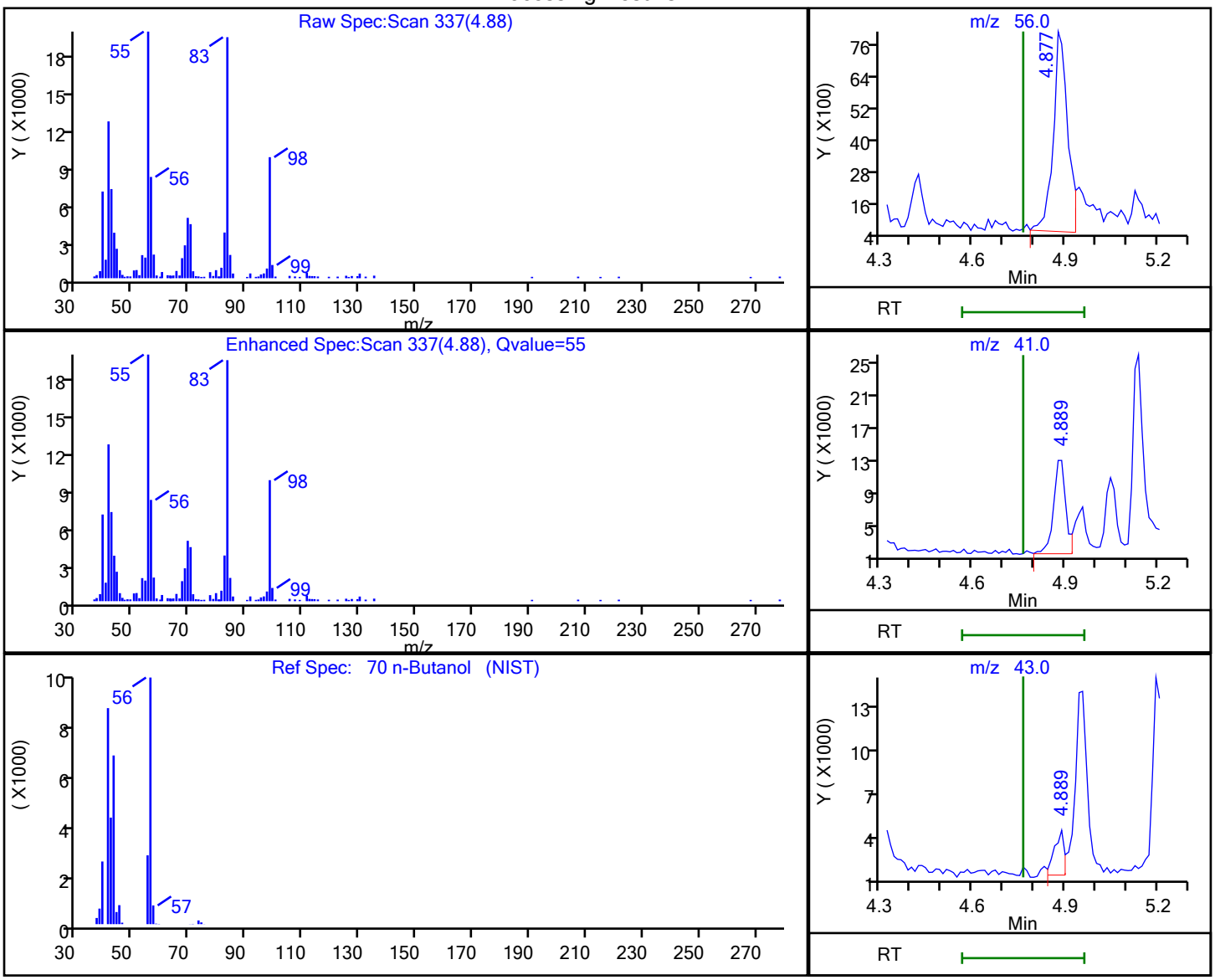
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49186.D
Injection Date: 05-Jan-2024 00:58:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.88	56.00	25487	321.8679
4.89	41.00	31778	
4.89	43.00	6718	

Reviewer: W9CM, 05-Jan-2024 11:39:24 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49187.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 05-Jan-2024 01:19:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0170980-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:25 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: W9CM Date: 08-Jan-2024 11:19:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.151	1.151	0.000	70	2553	20.0	13.2	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	82	23260	20.0	18.0	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	92	54638	20.0	18.9	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	99	132187	20.0	17.8	
2 Chlorodifluoromethane	67	1.265	1.265	0.000	100	24164	20.0	19.7	
6 Chloromethane	50	1.380	1.380	0.000	99	168414	20.0	19.4	
7 Vinyl chloride	62	1.437	1.437	0.000	99	177640	20.0	19.8	
8 Butadiene	54	1.460	1.460	0.000	98	172096	20.0	20.4	
9 Bromomethane	94	1.654	1.654	0.000	98	73600	20.0	17.6	
10 Chloroethane	64	1.711	1.711	0.000	100	110500	20.0	20.0	
11 Dichlorofluoromethane	67	1.825	1.825	0.000	99	282978	20.0	20.6	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	97	184621	20.0	20.7	
13 Pentane	72	1.871	1.871	0.000	96	48578	40.0	45.0	
17 Ethanol	46	1.974	1.974	0.000	96	20094	800.0	836.5	
14 Ethyl ether	74	2.008	2.008	0.000	95	79897	20.0	21.0	
15 2-Methyl-1,3-butadiene	53	2.020	2.020	0.000	98	134355	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.031	0.000	94	98726	20.0	19.2	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	157228	20.0	18.9	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	97	112059	20.0	20.3	
52 Acrolein	56	2.146	2.146	0.000	49	21851	40.0	41.0	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	95	113218	20.0	20.7	
23 Acetone	43	2.226	2.226	0.000	85	187795	100.0	110.1	
21 Iodomethane	142	2.294	2.294	0.000	97	97282	20.0	16.1	
24 Isopropyl alcohol	45	2.294	2.294	0.000	67	59096	200.0	187.3	
22 Carbon disulfide	76	2.317	2.317	0.000	100	395154	20.0	18.5	
30 Methyl acetate	43	2.408	2.408	0.000	81	180128	40.0	40.2	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	90	88519	20.0	20.7	
25 Cyclopentene	67	2.431	2.431	0.000	94	298171	20.0	21.8	
27 Acetonitrile	41	2.454	2.454	0.000	96	140920	200.0	210.6	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	40605	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	97	124871	20.0	19.2	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	99	103707	200.0	164.2	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	379821	20.0	20.5	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	99	125498	20.0	20.7	
35 Acrylonitrile	53	2.706	2.706	0.000	93	459639	200.0	200.8	
36 Hexane	57	2.786	2.786	0.000	93	186122	20.0	22.3	
37 Isopropyl ether	45	2.946	2.946	0.000	96	465383	20.0	20.3	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	68	255602	20.0	20.3	
40 Vinyl acetate	43	2.991	2.991	0.000	100	571909	40.0	42.4	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	94	119906	20.0	20.9	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	90	424388	20.0	20.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	97	333470	250.0	250.0	
43 2,2-Dichloropropane	97	3.403	3.403	0.000	94	45503	20.0	20.6	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	94	137147	20.0	20.0	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	96	69503	100.0	98.5	
47 Ethyl acetate	70	3.449	3.449	0.000	94	27050	40.0	42.4	
46 Methyl acrylate	55	3.494	3.494	0.000	99	99976	20.0	21.8	
48 Propionitrile	54	3.563	3.563	0.000	98	167733	200.0	214.8	
50 Tetrahydrofuran	72	3.643	3.643	0.000	60	31762	40.0	38.6	
54 Methacrylonitrile	67	3.643	3.643	0.000	95	532153	200.0	206.9	
49 Chlorobromomethane	128	3.643	3.643	0.000	98	61062	20.0	19.2	
51 Chloroform	83	3.689	3.689	0.000	98	223883	20.0	19.4	
53 Cyclohexane	84	3.803	3.803	0.000	95	197352	20.0	21.7	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	201640	20.0	20.1	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	174858	50.0	47.8	
57 Carbon tetrachloride	117	3.929	3.929	0.000	97	173528	20.0	20.5	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	94	196291	20.0	21.3	
61 Isobutyl alcohol	43	4.089	4.089	0.000	95	195194	500.0	482.5	
64 Isooctane	57	4.100	4.100	0.000	99	362629	20.0	20.9	
59 Benzene	78	4.134	4.134	0.000	98	535336	20.0	20.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	218773	50.0	47.9	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	94	391482	20.0	19.5	
66 Isopropyl acetate	87	4.191	4.191	0.000	95	115421	20.0	20.0	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	98	180259	20.0	19.3	
65 n-Heptane	57	4.283	4.283	0.000	97	80464	20.0	22.9	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	684700	50.0	50.0	
70 n-Butanol	56	4.763	4.763	0.000	32	44704	500.0	407.1	a
69 Trichloroethene	95	4.774	4.774	0.000	98	130067	20.0	20.3	
72 Methylcyclohexane	83	4.877	4.877	0.000	89	209804	20.0	21.8	
71 Ethyl acrylate	99	4.889	4.889	0.000	96	17488	20.0	19.1	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	87	142250	20.0	20.5	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	48	24961	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	65848	40.0	41.9	
78 1,4-Dioxane	88	5.174	5.174	0.000	41	20697	400.0	342.1	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	186159	20.0	22.1	
75 Dibromomethane	93	5.186	5.186	0.000	94	73833	20.0	18.2	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	174561	20.0	20.1	
34 2-Nitropropane	41	5.677	5.677	0.000	98	87744	40.0	39.7	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	98	69077	20.0	20.4	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	256552	400.0	448.1	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	97	227891	20.0	20.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.032	6.032	0.000	98	637646	100.0	105.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	785825	50.0	48.9	
83 Toluene	91	6.192	6.192	0.000	93	556646	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	98	205709	20.0	20.5	
86 Ethyl methacrylate	69	6.626	6.626	0.000	91	169473	20.0	22.7	
87 1,1,2-Trichloroethane	83	6.832	6.832	0.000	93	93484	20.0	20.8	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	122665	20.0	20.7	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	98	197752	20.0	20.6	
91 2-Hexanone	43	7.129	7.129	0.000	98	430125	100.0	115.1	
92 n-Butyl acetate	43	7.277	7.277	0.000	99	204195	20.0	20.5	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	119970	20.0	20.4	
93 Ethylene Dibromide	107	7.472	7.472	0.000	97	108919	20.0	20.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	88	477926	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	92	330161	20.0	20.3	
97 Ethylbenzene	106	8.180	8.180	0.000	99	186413	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	8.203	8.203	0.000	94	116974	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	98	229640	20.0	19.9	
100 o-Xylene	106	8.763	8.763	0.000	93	222558	20.0	20.3	
99 n-Butyl acrylate	73	8.775	8.775	0.000	96	97728	20.0	19.9	
101 Styrene	104	8.798	8.798	0.000	95	353373	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	90	232975	20.0	22.2	
103 Bromoform	173	9.015	9.015	0.000	89	74839	20.0	19.7	
104 Isopropylbenzene	105	9.140	9.140	0.000	96	575809	20.0	21.2	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	208066	50.0	50.3	
107 Bromobenzene	156	9.472	9.472	0.000	97	130596	20.0	21.2	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	99	140346	20.0	19.4	
109 N-Propylbenzene	91	9.541	9.541	0.000	99	679313	20.0	21.3	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	98	39299	20.0	18.9	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	79	38270	20.0	20.1	a
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	458856	20.0	21.3	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	540610	20.0	21.0	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	457596	20.0	20.8	
110 4-Chlorotoluene	91	9.758	9.758	0.000	98	440724	20.0	21.0	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	153032	20.0	20.5	
118 tert-Butylbenzene	119	9.986	9.986	0.000	93	381431	20.0	20.8	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	98	448604	20.0	20.1	
120 sec-Butylbenzene	105	10.181	10.181	0.000	99	551138	20.0	21.4	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	453549	20.0	20.7	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	77	238270	20.0	20.1	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	223170	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	92	238924	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	461963	20.0	20.6	
125 Benzyl chloride	91	10.523	10.523	0.000	98	272309	20.0	20.7	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	95	446652	20.0	20.4	
126 p-Diethylbenzene	119	10.626	10.626	0.000	93	261964	20.0	19.7	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	212239	20.0	20.1	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	95	222897	20.0	20.1	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	404033	20.0	21.1	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	95	29782	20.0	19.8	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	149295	20.0	20.3	
131 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	94	129872	20.0	19.7	
133 Hexachlorobutadiene	225	11.986	11.986	0.000	93	54253	20.0	21.1	
134 Naphthalene	128	12.089	12.089	0.000	99	346675	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	96	124716	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	40.2	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.2	
S 139 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00181	Amount Added:	20.00	Units: uL	
ACROLEIN W_00164	Amount Added:	4.00	Units: uL	
524FREONS_00012	Amount Added:	20.00	Units: uL	
GASES Li_00565	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49187.D

Injection Date: 05-Jan-2024 01:19:30 Instrument ID: CVOAMS7

Lims ID: STD20

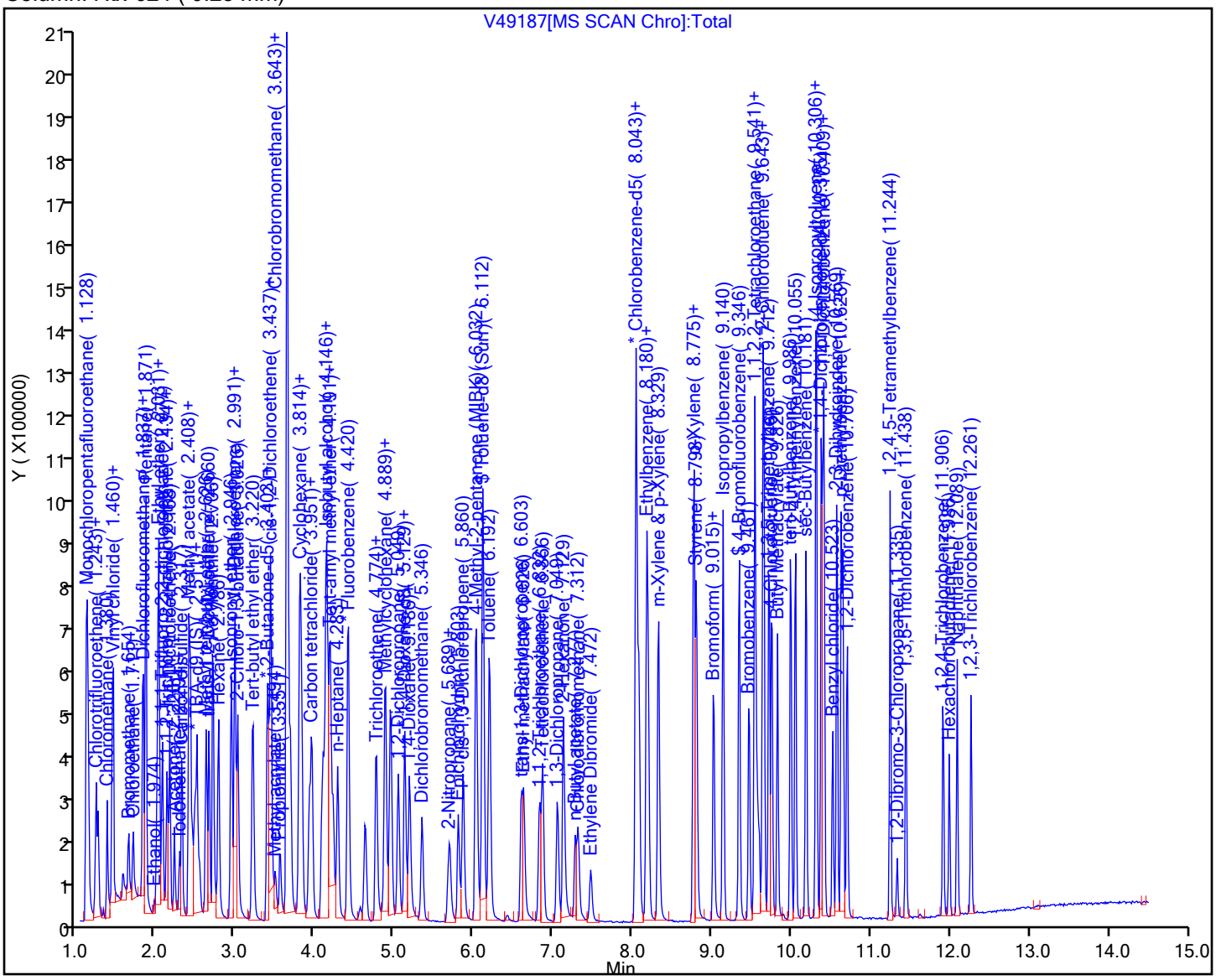
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

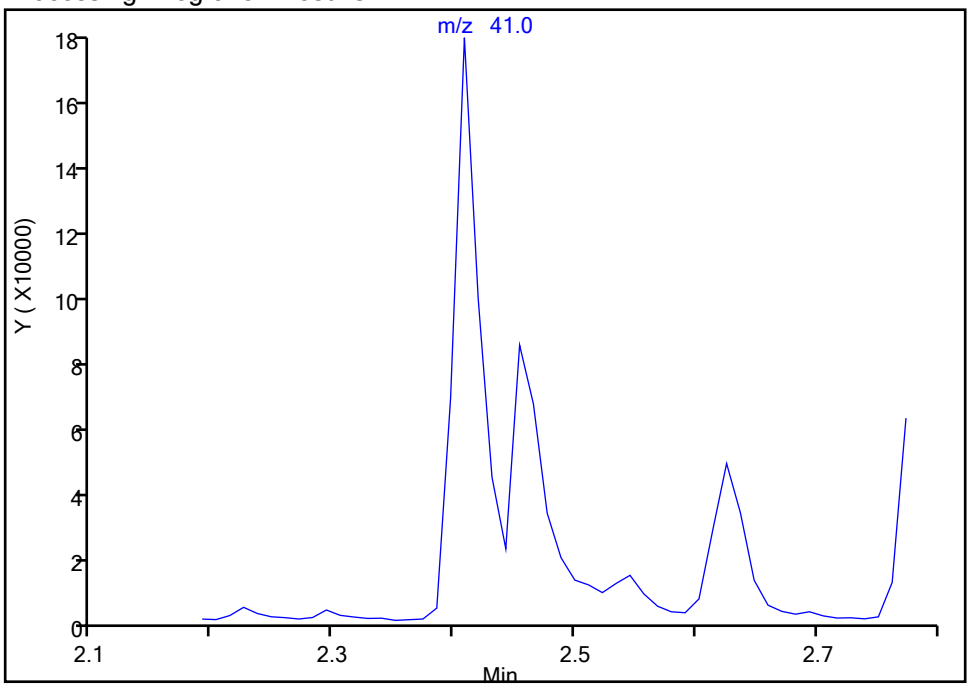
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49187.D
Injection Date: 05-Jan-2024 01:19:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

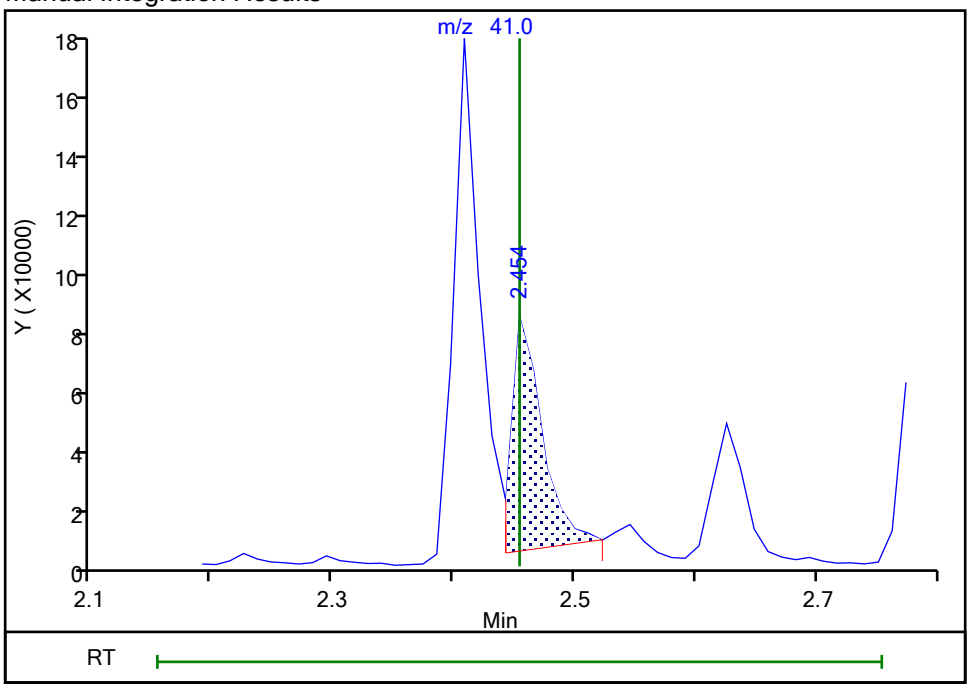
Not Detected
Expected RT: 2.45

Processing Integration Results



Manual Integration Results

RT: 2.45
Area: 140920
Amount: 210.5853
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:41:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

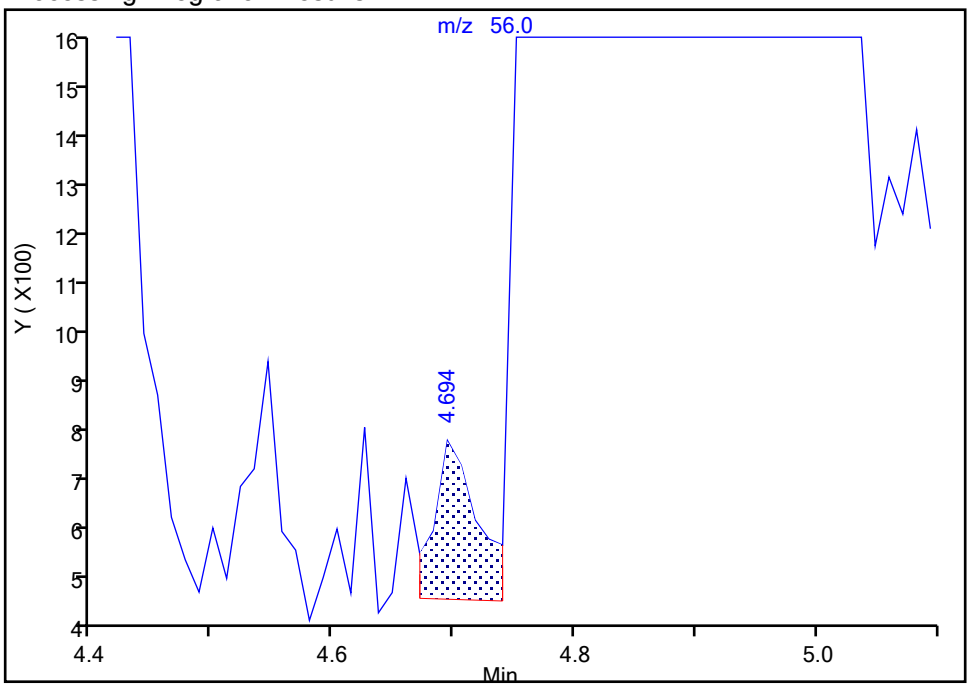
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49187.D
Injection Date: 05-Jan-2024 01:19:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Signal: 1

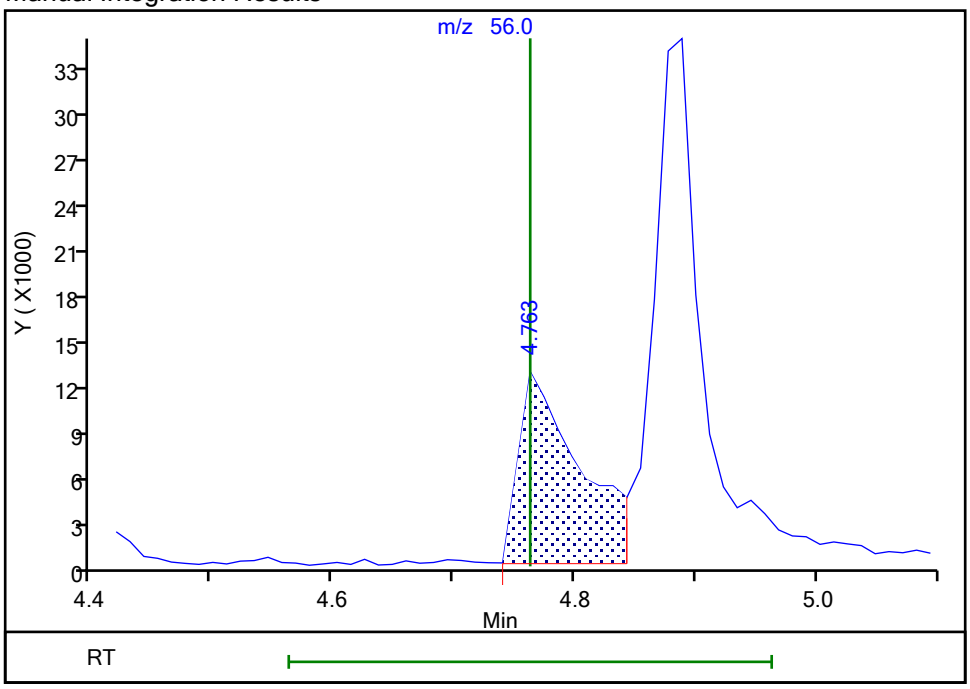
Processing Integration Results

RT: 4.69
Area: 823
Amount: 14.471457
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 44704
Amount: 407.0546
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:42:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

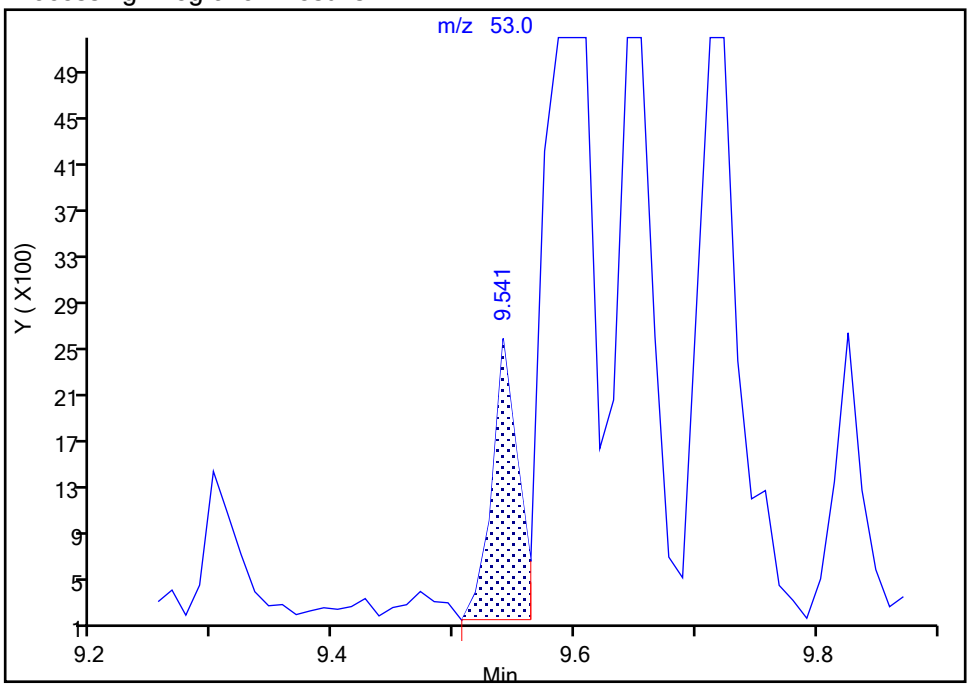
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49187.D
Injection Date: 05-Jan-2024 01:19:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

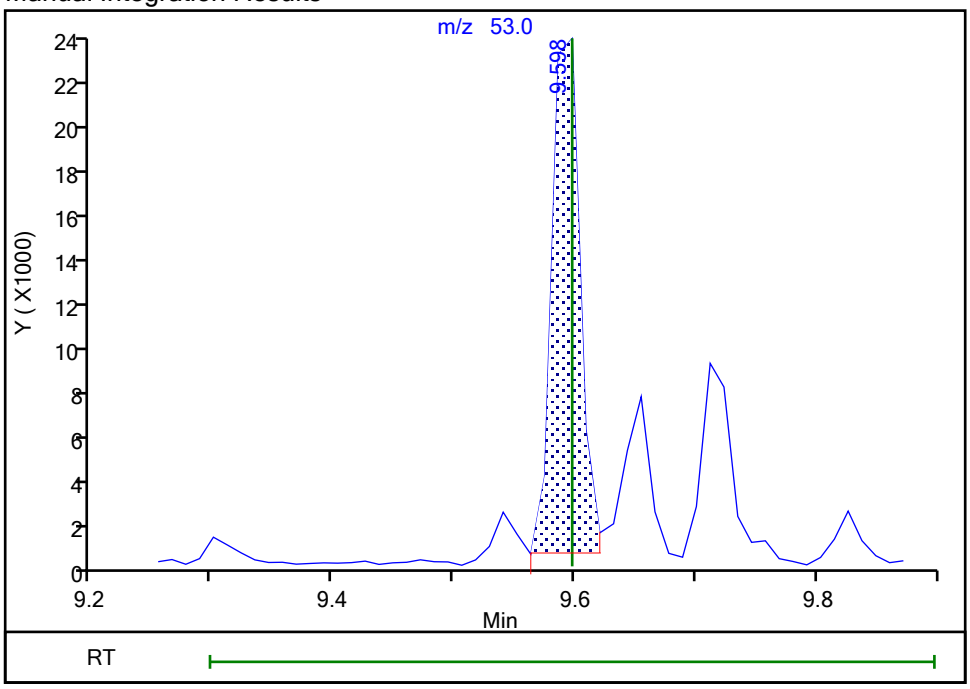
Processing Integration Results

RT: 9.54
Area: 3689
Amount: 2.718174
Amount Units: ug/l



Manual Integration Results

RT: 9.60
Area: 38270
Amount: 20.109989
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:43:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49188.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 05-Jan-2024 01:41:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0170980-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:32 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 07:25:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.151	0.012	72	4742	50.0	23.0	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	97	71572	50.0	52.0	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	93	145281	50.0	47.1	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	99	390541	50.0	49.3	
2 Chlorodifluoromethane	67	1.277	1.265	0.012	100	59817	50.0	45.6	
6 Chloromethane	50	1.380	1.380	0.000	100	440942	50.0	47.7	
7 Vinyl chloride	62	1.448	1.437	0.011	99	452483	50.0	47.1	
8 Butadiene	54	1.460	1.460	0.000	98	481200	50.0	53.3	
9 Bromomethane	94	1.654	1.654	0.000	99	205970	50.0	46.2	
10 Chloroethane	64	1.711	1.711	0.000	100	290781	50.0	49.2	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	99	704764	50.0	48.0	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	97	491879	50.0	51.6	
13 Pentane	72	1.871	1.871	0.000	96	126740	100.0	109.9	
17 Ethanol	46	1.974	1.974	0.000	95	52505	2000.0	2146.3	
14 Ethyl ether	74	2.008	2.008	0.000	95	194068	50.0	48.3	
15 2-Methyl-1,3-butadiene	53	2.031	2.020	0.011	96	356626	50.0	50.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.031	0.012	95	247304	50.0	44.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	445394	50.0	50.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	95	307218	50.0	52.0	
52 Acrolein	56	2.146	2.146	0.000	97	57179	100.0	97.2	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	95	299228	50.0	51.1	
23 Acetone	43	2.226	2.226	0.000	85	421086	250.0	244.4	
21 Iodomethane	142	2.294	2.294	0.000	98	307380	50.0	48.1	
24 Isopropyl alcohol	45	2.294	2.294	0.000	96	157211	500.0	489.2	
22 Carbon disulfide	76	2.328	2.317	0.011	100	1040663	50.0	45.7	
30 Methyl acetate	43	2.408	2.408	0.000	81	468907	100.0	97.9	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	95	229921	50.0	50.4	
25 Cyclopentene	67	2.431	2.431	0.000	95	800610	50.0	54.8	
27 Acetonitrile	41	2.454	2.454	0.000	96	385882	500.0	559.7	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	41353	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	98	324431	50.0	46.7	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	98	266078	500.0	413.6	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	964756	50.0	48.8	
33 trans-1,2-Dichloroethene	96	2.671	2.660	0.011	99	330124	50.0	50.9	
35 Acrylonitrile	53	2.717	2.706	0.011	94	1209092	500.0	493.2	
36 Hexane	57	2.786	2.786	0.000	93	524893	50.0	58.9	
37 Isopropyl ether	45	2.946	2.946	0.000	96	1224293	50.0	50.1	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	63	687976	50.0	51.2	
40 Vinyl acetate	43	2.991	2.991	0.000	100	1694867	100.0	121.9	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	93	324368	50.0	52.9	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	88	1113791	50.0	49.6	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	97	343583	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.403	0.011	97	117937	50.0	50.6	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	56	364009	50.0	49.8	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	96	176693	250.0	242.9	
47 Ethyl acetate	70	3.437	3.449	-0.011	95	65455	100.0	98.1	
46 Methyl acrylate	55	3.494	3.494	0.000	99	279803	50.0	57.2	
48 Propionitrile	54	3.551	3.563	-0.012	97	442080	500.0	530.3	
54 Methacrylonitrile	67	3.643	3.643	0.000	95	1411440	500.0	514.0	
49 Chlorobromomethane	128	3.643	3.643	0.000	95	160798	50.0	47.4	
50 Tetrahydrofuran	72	3.643	3.643	0.000	68	84211	100.0	96.0	
51 Chloroform	83	3.689	3.689	0.000	98	589122	50.0	47.8	
53 Cyclohexane	84	3.803	3.803	0.000	95	558222	50.0	57.4	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	530874	50.0	49.5	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	198140	50.0	50.7	
57 Carbon tetrachloride	117	3.929	3.929	0.000	98	457856	50.0	50.6	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	94	512363	50.0	52.1	
61 Isobutyl alcohol	43	4.077	4.089	-0.012	95	546884	1250.0	1339.8	
64 Isooctane	57	4.111	4.100	0.011	99	1032952	50.0	55.7	
59 Benzene	78	4.146	4.134	0.012	98	1447948	50.0	52.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	242395	50.0	49.7	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	92	1034004	50.0	48.3	
66 Isopropyl acetate	87	4.191	4.191	0.000	95	304339	50.0	49.4	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	97	470587	50.0	47.2	
65 n-Heptane	57	4.283	4.283	0.000	96	225961	50.0	60.1	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	730900	50.0	50.0	
70 n-Butanol	56	4.740	4.763	-0.023	91	143786	1250.0	1285.6	
69 Trichloroethene	95	4.774	4.774	0.000	98	353694	50.0	51.7	
72 Methylcyclohexane	83	4.889	4.877	0.012	82	594755	50.0	57.8	
71 Ethyl acrylate	99	4.877	4.889	-0.012	94	50357	50.0	51.6	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	371236	50.0	50.1	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	44	28121	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	182732	100.0	108.9	
78 1,4-Dioxane	88	5.174	5.174	0.000	53	56449	1000.0	803.6	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	494563	50.0	55.1	
75 Dibromomethane	93	5.186	5.186	0.000	64	199507	50.0	46.1	
76 Dichlorobromomethane	83	5.346	5.346	0.000	99	454453	50.0	49.0	
34 2-Nitropropane	41	5.677	5.677	0.000	97	231099	100.0	98.5	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	98	189728	50.1	52.4	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	683304	1000.0	1158.4	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	601635	50.0	52.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.032	-0.012	98	1630438	250.0	260.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	906696	50.0	53.8	
83 Toluene	91	6.192	6.192	0.000	93	1466256	50.0	49.3	
85 trans-1,3-Dichloropropene	75	6.592	6.603	-0.011	98	551200	50.0	52.3	
86 Ethyl methacrylate	69	6.626	6.626	0.000	92	427144	50.0	54.6	
87 1,1,2-Trichloroethane	83	6.820	6.832	-0.012	94	250670	50.0	53.1	
88 Tetrachloroethene	166	6.866	6.866	0.000	96	330208	50.0	53.1	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	529583	50.0	52.5	
91 2-Hexanone	43	7.129	7.129	0.000	97	1071329	250.0	278.2	
92 n-Butyl acetate	43	7.266	7.277	-0.011	98	528076	50.0	50.7	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	314279	50.0	51.0	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	291115	50.0	52.0	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	87	501526	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	93	872899	50.0	51.2	
97 Ethylbenzene	106	8.180	8.180	0.000	99	486341	50.0	50.9	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.203	-0.011	94	307119	50.0	51.2	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	97	599721	50.0	49.5	
100 o-Xylene	106	8.763	8.763	0.000	93	592951	50.0	51.5	
99 n-Butyl acrylate	73	8.775	8.775	0.000	97	262173	50.0	50.8	
101 Styrene	104	8.798	8.798	0.000	94	954019	50.0	51.7	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	90	615877	50.0	55.0	
103 Bromoform	173	9.015	9.015	0.000	58	198996	50.0	50.0	
104 Isopropylbenzene	105	9.141	9.140	0.001	96	1517992	50.0	53.2	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	227734	50.0	52.4	
107 Bromobenzene	156	9.461	9.472	-0.011	96	343328	50.0	52.0	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	99	365451	50.0	47.2	
109 N-Propylbenzene	91	9.541	9.541	0.000	99	1850245	50.0	54.3	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	98	101707	50.0	45.7	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.598	-0.012	90	109799	50.0	53.9	
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	1218865	50.0	52.9	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	1478114	50.0	53.6	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	1200857	50.0	50.9	
110 4-Chlorotoluene	91	9.746	9.758	-0.012	99	1147063	50.0	51.2	
117 Butyl Methacrylate	87	9.826	9.826	0.000	95	412095	50.0	51.6	
118 tert-Butylbenzene	119	9.986	9.986	0.000	93	1031711	50.0	52.5	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	98	1207338	50.0	50.7	
120 sec-Butylbenzene	105	10.181	10.181	0.000	99	1506421	50.0	54.7	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	1255125	50.0	53.5	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	75	638151	50.0	50.3	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	238707	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	93	632702	50.0	49.5	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	1222784	50.0	50.9	
125 Benzyl chloride	91	10.524	10.523	0.001	98	745117	50.0	52.9	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	94	1182935	50.0	50.6	
126 p-Diethylbenzene	119	10.626	10.626	0.000	92	718626	50.0	50.4	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	588629	50.0	52.1	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	96	598503	50.0	50.4	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	1075833	50.0	52.4	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	95	71517	50.0	44.4	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	405970	50.0	51.7	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.000	93	355343	50.0	50.4	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	93	147457	50.0	53.7	
134 Naphthalene	128	12.089	12.089	0.000	99	888268	50.0	47.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	95	325759	50.0	49.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.7	
S 137 Xylenes, Total	100				0		100.0	101.1	
S 138 1,3-Dichloropropene, Total	1				0		100.0	104.3	
S 139 Total BTEX	1				0		250.0	253.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00181	Amount Added:	50.00	Units: uL	
ACROLEIN W_00164	Amount Added:	10.00	Units: uL	
524FREONS_00012	Amount Added:	50.00	Units: uL	
GASES Li_00565	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49188.D

Injection Date: 05-Jan-2024 01:41:30 Instrument ID: CVOAMS7

Lims ID: STD50

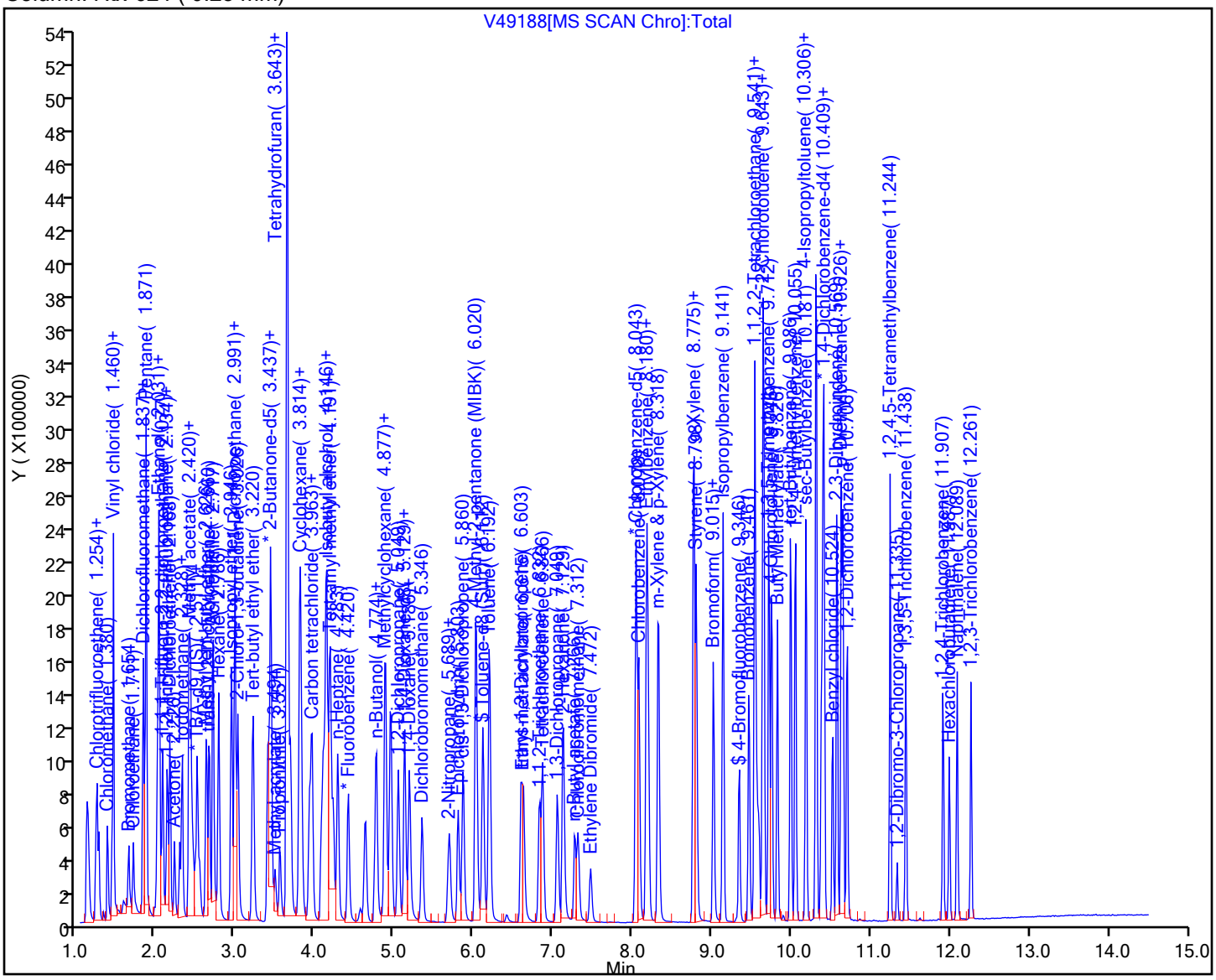
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

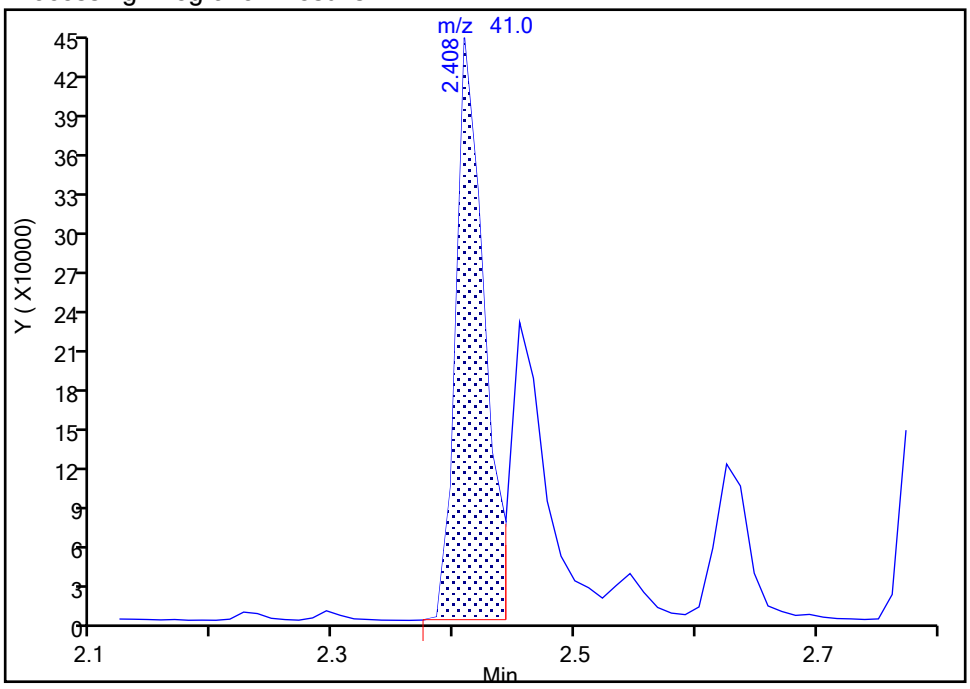
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49188.D
Injection Date: 05-Jan-2024 01:41:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

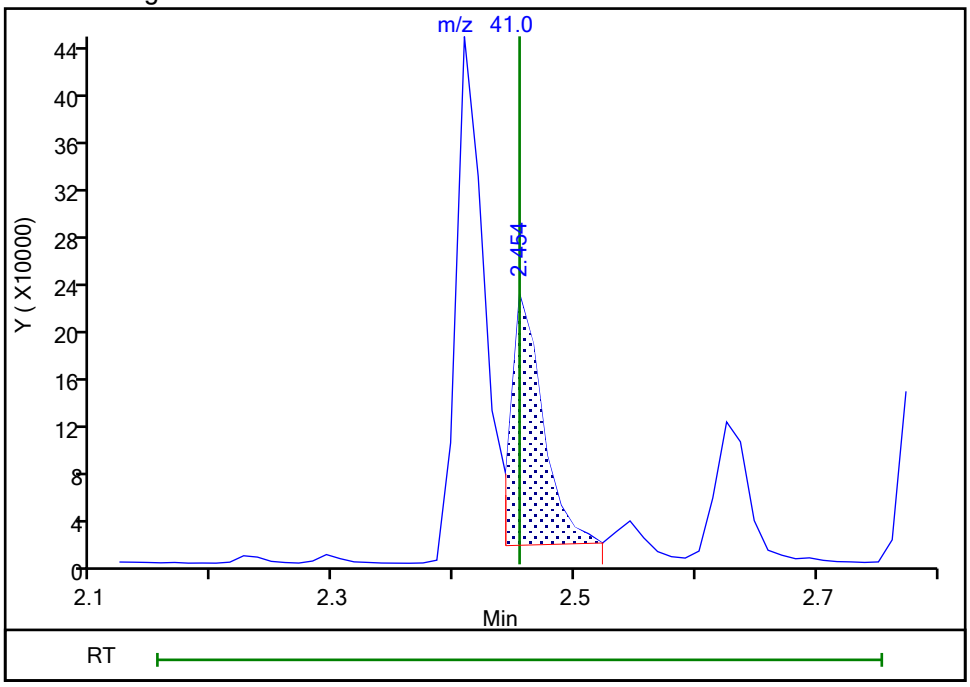
Processing Integration Results

RT: 2.41
Area: 732653
Amount: 944.8667
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 385882
Amount: 559.6738
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:45:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49189.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 05-Jan-2024 02:02:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0170980-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:38 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 07:32:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.151	1.151	0.000	62	31852	200.0	142.9	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	86	298296	200.0	200.1	
4 1,1-Difluoroethane	65	1.242	1.243	-0.001	96	644333	200.0	193.1	
5 Dichlorodifluoromethane	85	1.242	1.254	-0.012	99	1900652	200.0	221.6	
2 Chlorodifluoromethane	67	1.265	1.265	0.000	100	273396	200.0	192.5	
6 Chloromethane	50	1.380	1.380	0.000	100	2083075	200.0	208.1	
7 Vinyl chloride	62	1.437	1.437	0.000	99	2126171	200.0	204.6	
8 Butadiene	54	1.460	1.460	0.000	98	2045453	200.0	209.3	
9 Bromomethane	94	1.643	1.654	-0.011	99	1071150	200.0	221.9	
10 Chloroethane	64	1.700	1.711	-0.011	100	1274335	200.0	199.1	
11 Dichlorofluoromethane	67	1.825	1.825	0.000	99	3072487	200.0	193.2	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	98	2109418	200.0	204.5	
13 Pentane	72	1.871	1.871	0.000	97	385398	400.0	308.8	
17 Ethanol	46	1.974	1.974	0.000	98	213872	8000.0	7183.2	
14 Ethyl ether	74	2.008	2.008	0.000	95	795085	200.0	183.8	
15 2-Methyl-1,3-butadiene	53	2.020	2.020	0.000	98	1326290	200.0	174.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.031	0.000	88	1074838	200.0	180.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	1979499	200.0	205.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	97	1145584	200.0	179.2	
52 Acrolein	56	2.134	2.146	-0.012	96	136723	200.0	202.3	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	96	1045241	200.0	165.0	
23 Acetone	43	2.225	2.226	-0.001	86	1841914	1000.0	1000.3	
21 Iodomethane	142	2.294	2.294	0.000	98	1326297	200.0	201.6	
24 Isopropyl alcohol	45	2.283	2.294	-0.011	74	698480	2000.0	1786.0	
22 Carbon disulfide	76	2.317	2.317	0.000	100	2820786	200.0	114.4	
30 Methyl acetate	43	2.408	2.408	0.000	87	2018365	400.0	389.3	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	90	873703	200.0	176.9	
25 Cyclopentene	67	2.431	2.431	0.000	96	2820199	200.0	178.2	
27 Acetonitrile	41	2.454	2.454	0.000	99	1791387	2000.0	2153.1	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	50331	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	97	1316314	200.0	175.0	
31 2-Methyl-2-propanol	59	2.534	2.546	-0.012	98	1144237	2000.0	1461.4	
32 Methyl tert-butyl ether	73	2.625	2.626	-0.001	97	4215224	200.0	196.8	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	99	1244388	200.0	177.3	
35 Acrylonitrile	53	2.705	2.706	-0.001	94	5403224	2000.0	2002.3	
36 Hexane	57	2.785	2.786	-0.001	93	1455955	200.0	151.0	
37 Isopropyl ether	45	2.946	2.946	0.000	96	5355784	200.0	202.5	
38 1,1-Dichloroethane	63	2.980	2.991	-0.011	63	2814245	200.0	193.5	
40 Vinyl acetate	43	2.980	2.991	-0.011	100	7669306	400.0	457.0	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	93	1290649	200.0	194.4	
41 Tert-butyl ethyl ether	59	3.208	3.220	-0.012	88	4864386	200.0	200.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	95	414599	250.0	250.0	
43 2,2-Dichloropropane	97	3.403	3.403	0.000	97	486481	200.0	194.1	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	67	1475231	200.0	186.3	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	96	767773	1000.0	874.7	
47 Ethyl acetate	70	3.437	3.449	-0.011	91	302719	400.0	372.7	
46 Methyl acrylate	55	3.494	3.494	0.000	99	1223212	200.0	230.8	
48 Propionitrile	54	3.551	3.563	-0.012	98	1956804	2000.0	2167.8	
49 Chlorobromomethane	128	3.643	3.643	0.000	97	651264	200.0	177.3	
50 Tetrahydrofuran	72	3.631	3.643	-0.012	95	337466	400.0	355.3	
54 Methacrylonitrile	67	3.643	3.643	0.000	96	6513066	2000.0	2190.4	
51 Chloroform	83	3.688	3.689	-0.001	97	2485465	200.0	186.4	
53 Cyclohexane	84	3.803	3.803	0.000	95	1847552	200.0	175.6	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	2165571	200.0	186.6	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	201595	50.0	47.6	
57 Carbon tetrachloride	117	3.928	3.929	-0.001	98	1809078	200.0	184.5	
58 1,1-Dichloropropene	75	3.951	3.963	-0.012	94	1975615	200.0	185.7	
61 Isobutyl alcohol	43	4.066	4.089	-0.023	97	2370097	5000.0	4966.1	
64 Isooctane	57	4.100	4.100	0.000	99	3707446	200.0	184.5	
59 Benzene	78	4.134	4.134	0.000	97	5833495	200.0	189.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	259792	50.0	49.2	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	94	4492823	200.0	193.9	
66 Isopropyl acetate	87	4.191	4.191	0.000	96	1323622	200.0	198.4	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	97	1954225	200.0	181.2	
65 n-Heptane	57	4.283	4.283	0.000	95	674024	200.0	165.7	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	791389	50.0	50.0	
70 n-Butanol	56	4.729	4.763	-0.034	90	754192	5000.0	5540.3	
69 Trichloroethene	95	4.763	4.774	-0.011	98	1394754	200.0	188.3	
72 Methylcyclohexane	83	4.877	4.877	0.000	86	2014788	200.0	181.0	
71 Ethyl acrylate	99	4.877	4.889	-0.012	97	200011	200.0	189.3	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	1561714	200.0	194.6	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	48	18397	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	760338	400.0	418.5	
78 1,4-Dioxane	88	5.163	5.174	-0.011	67	225782	4000.0	4058.8	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	2169466	200.0	223.3	
75 Dibromomethane	93	5.186	5.186	0.000	54	829623	200.0	177.1	
76 Dichlorobromomethane	83	5.346	5.346	0.000	99	1941207	200.0	193.2	
34 2-Nitropropane	41	5.677	5.677	0.000	97	984904	400.0	400.6	
79 2-Chloroethyl vinyl ether	63	5.689	5.700	-0.011	97	827111	200.5	210.9	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	2805677	4000.0	3941.7	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	97	2536016	200.0	196.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.032	-0.012	98	7034569	1000.0	932.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	910220	50.0	48.3	
83 Toluene	91	6.192	6.192	0.000	93	6068505	200.0	182.3	
85 trans-1,3-Dichloropropene	75	6.592	6.603	-0.011	98	2333977	200.0	197.9	
86 Ethyl methacrylate	69	6.626	6.626	0.000	91	1829263	200.0	209.2	
87 1,1,2-Trichloroethane	83	6.820	6.832	-0.012	95	1067352	200.0	202.2	
88 Tetrachloroethene	166	6.866	6.866	0.000	96	1295057	200.0	186.4	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	2234814	200.0	198.3	
91 2-Hexanone	43	7.117	7.129	-0.012	98	4620974	1000.0	994.5	
92 n-Butyl acetate	43	7.266	7.277	-0.011	99	2271978	200.0	199.7	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	1355391	200.0	196.7	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	1204925	200.0	192.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	49	560789	50.0	50.0	a
95 Chlorobenzene	112	8.077	8.078	-0.001	92	3703047	200.0	194.4	
97 Ethylbenzene	106	8.180	8.180	0.000	99	2047057	200.0	191.8	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.203	-0.011	95	1329773	200.0	198.1	
98 m-Xylene & p-Xylene	106	8.317	8.329	-0.012	98	2508760	200.0	185.2	
100 o-Xylene	106	8.763	8.763	0.000	92	2478222	200.0	192.7	
99 n-Butyl acrylate	73	8.775	8.775	0.000	97	1162365	200.0	201.5	
101 Styrene	104	8.798	8.798	0.000	95	4188504	200.0	203.0	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	90	2713002	200.0	215.0	
103 Bromoform	173	9.015	9.015	0.000	57	874691	200.0	196.7	
104 Isopropylbenzene	105	9.140	9.140	0.000	96	6507988	200.0	203.9	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	232980	50.0	48.0	
107 Bromobenzene	156	9.460	9.472	-0.012	95	1431369	200.0	192.5	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	99	1627858	200.0	186.8	
109 N-Propylbenzene	91	9.540	9.541	-0.001	98	8025312	200.0	209.1	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	98	433478	200.0	173.1	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.598	-0.012	90	487679	200.0	212.8	
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	5367179	200.0	206.7	
113 4-Ethyltoluene	105	9.655	9.655	0.000	98	6544254	200.0	210.7	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	5312054	200.0	200.2	
110 4-Chlorotoluene	91	9.746	9.758	-0.012	99	4997121	200.0	198.1	
117 Butyl Methacrylate	87	9.826	9.826	0.000	94	1909246	200.0	212.4	
118 tert-Butylbenzene	119	9.986	9.986	0.000	93	4453494	200.0	201.2	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	98	5478134	200.0	204.2	
120 sec-Butylbenzene	105	10.181	10.181	-0.001	99	6519512	200.0	210.1	
121 4-Isopropyltoluene	119	10.318	10.306	0.012	98	5676434	200.0	214.8	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	72	2820113	200.0	197.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	268762	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	93	2837413	200.0	197.3	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	100	5680951	200.0	210.2	
125 Benzyl chloride	91	10.523	10.523	0.000	98	3281696	200.0	207.1	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	95	5209407	200.0	198.0	
126 p-Diethylbenzene	119	10.626	10.626	0.000	93	3262237	200.0	203.2	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	2660384	200.0	209.2	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	95	2604515	200.0	194.7	
130 1,2,4,5-Tetramethylbenzene	119	11.243	11.244	-0.001	97	4649630	200.0	201.2	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	96	321532	200.0	177.3	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	1837758	200.0	207.7	
131 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	94	1604002	200.0	202.1	
133 Hexachlorobutadiene	225	11.986	11.986	0.000	93	633294	200.0	205.0	
134 Naphthalene	128	12.089	12.089	0.000	99	3989413	200.0	188.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	96	1495442	200.0	201.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	363.6	
S 137 Xylenes, Total	100				0		400.0	377.9	
S 138 1,3-Dichloropropene, Total	1				0		400.0	394.1	
S 139 Total BTEX	1				0		1000.0	941.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

7 Freons Hi_00009	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00143	Amount Added:	20.00	Units: uL	
MIX I Hi_00171	Amount Added:	20.00	Units: uL	
Ethanol mix_00084	Amount Added:	20.00	Units: uL	
ACROLEIN W_00164	Amount Added:	20.00	Units: uL	
GAS Hi_00459	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:38 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49189.D

Injection Date: 05-Jan-2024 02:02:30 Instrument ID: CVOAMS7

Lims ID: STD200

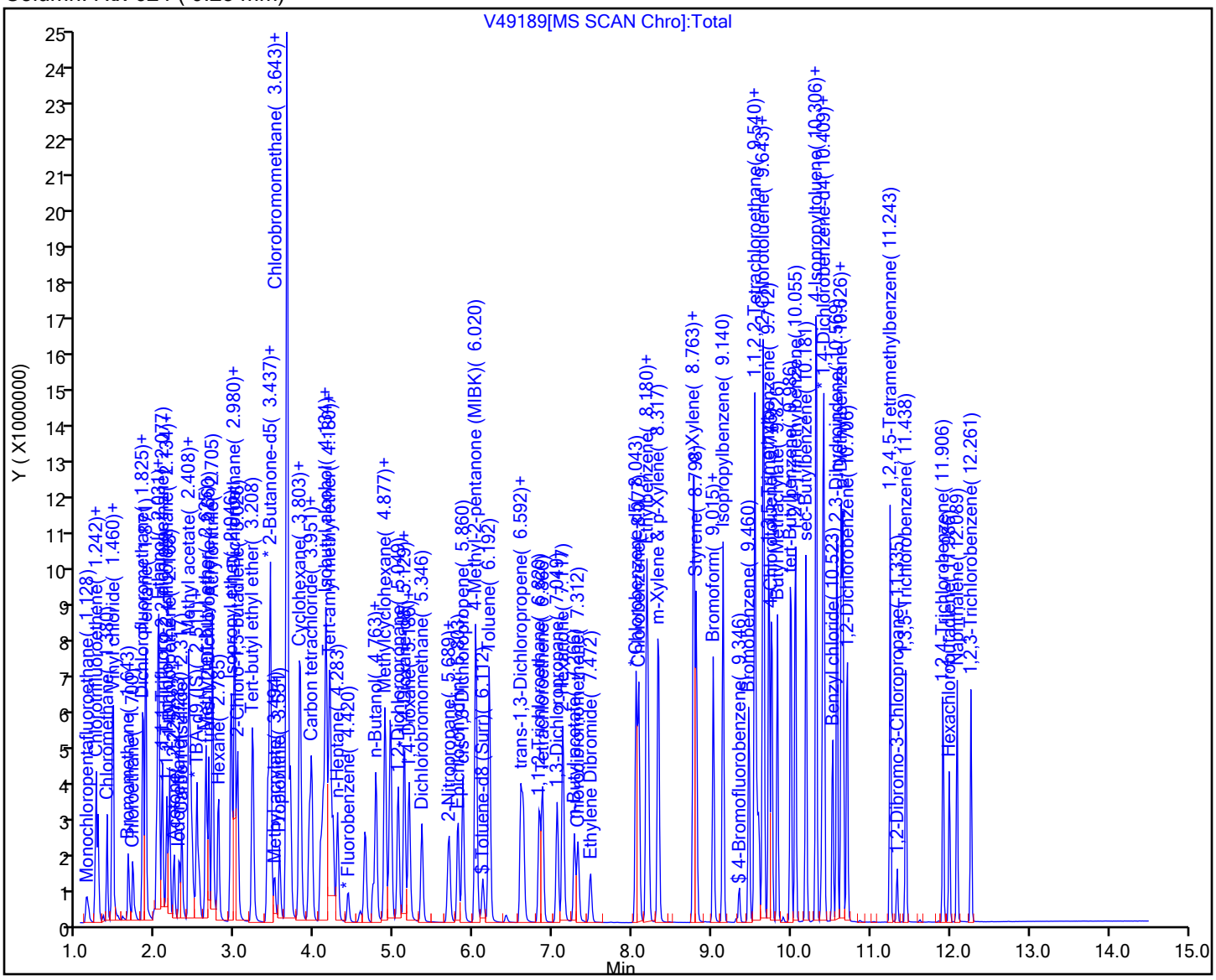
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

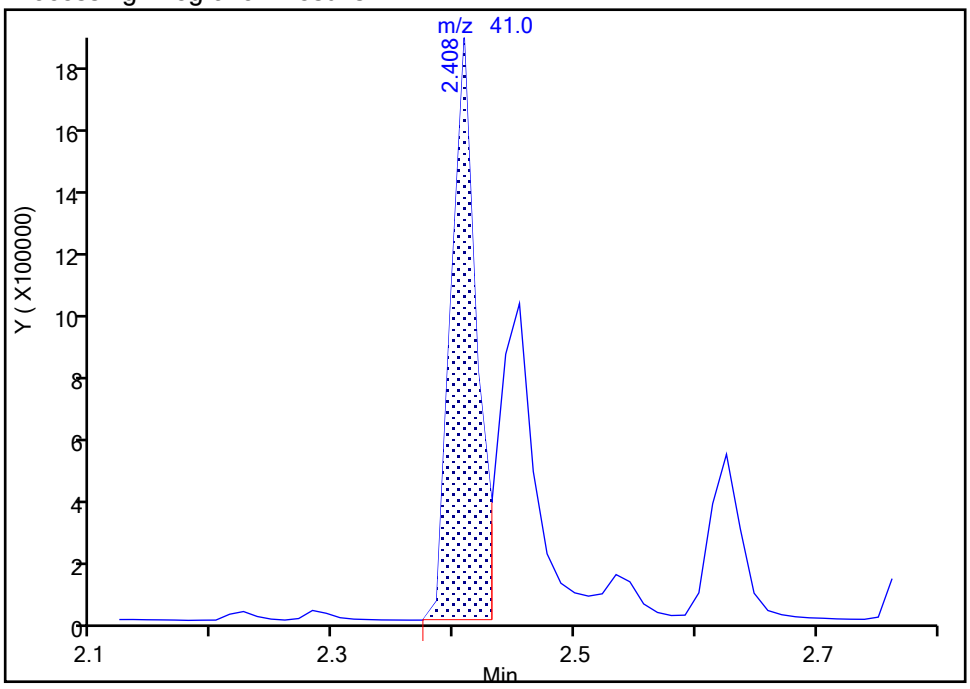
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49189.D
Injection Date: 05-Jan-2024 02:02:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

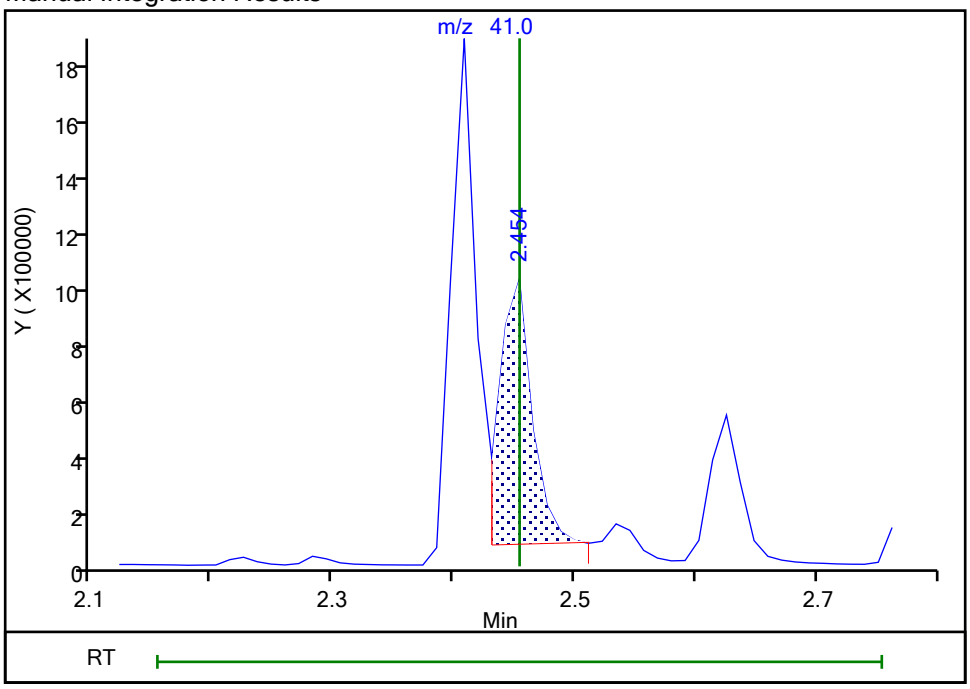
Processing Integration Results

RT: 2.41
Area: 2791268
Amount: 2117.7584
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 1791387
Amount: 2153.1450
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:34:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

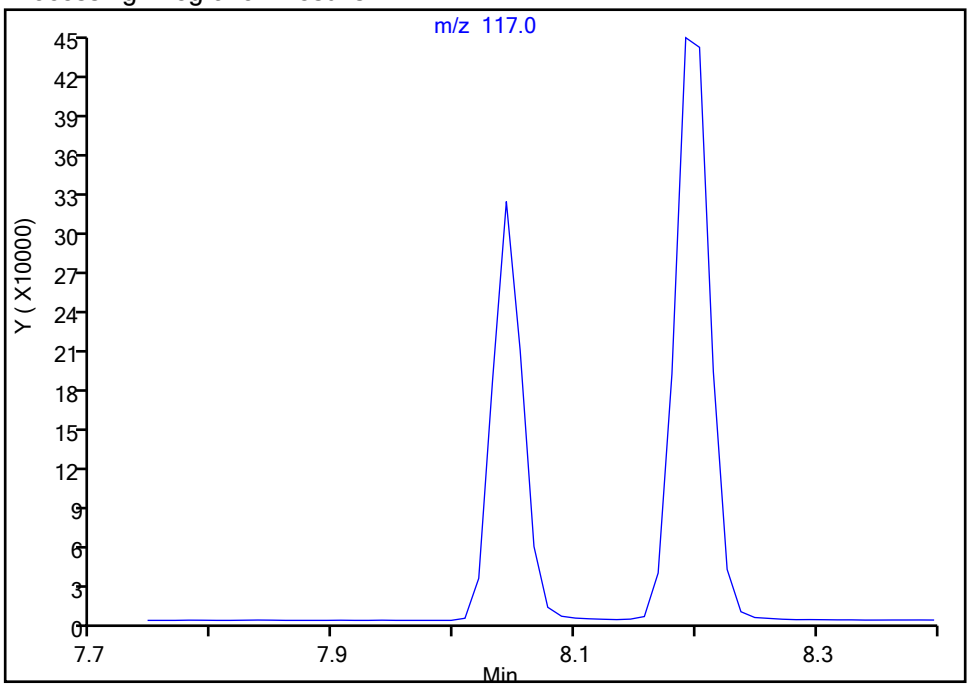
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49189.D
Injection Date: 05-Jan-2024 02:02:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

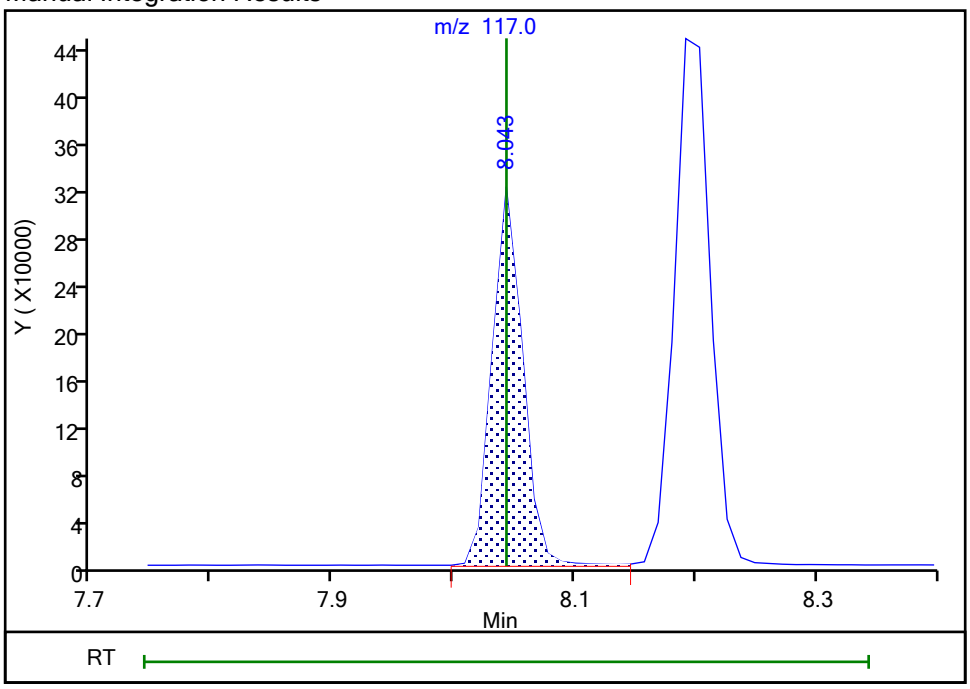
Not Detected
Expected RT: 8.04

Processing Integration Results



Manual Integration Results

RT: 8.04
Area: 560789
Amount: 50.000000
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:33:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 05-Jan-2024 02:23:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0170980-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:44 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 07:33:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.151	0.012	61	77933	500.0	338.1	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	95	789811	500.0	512.1	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	92	1642593	500.0	475.7	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	100	4657752	500.0	524.9	
2 Chlorodifluoromethane	67	1.266	1.265	0.001	100	680666	500.0	463.2	
6 Chloromethane	50	1.380	1.380	0.000	100	5350764	500.0	516.7	
7 Vinyl chloride	62	1.437	1.437	0.000	99	5337731	500.0	496.5	
8 Butadiene	54	1.460	1.460	0.000	98	5413609	500.0	535.5	M
9 Bromomethane	94	1.643	1.654	-0.011	99	3030095	500.0	606.8	
10 Chloroethane	64	1.700	1.711	-0.011	100	3310838	500.0	500.1	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	99	8014468	500.0	487.2	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	98	5345256	500.0	500.8	
13 Pentane	72	1.871	1.871	0.000	97	1040716	1000.0	805.9	
17 Ethanol	46	1.974	1.974	0.000	95	552773	20000	17408	M
14 Ethyl ether	74	2.009	2.008	0.001	95	2087372	500.0	466.9	
15 2-Methyl-1,3-butadiene	53	2.020	2.020	0.000	95	3533373	500.0	449.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.031	0.000	96	3084762	500.0	500.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	5272912	500.0	528.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	96	2909128	500.0	439.7	
52 Acrolein	56	2.146	2.146	0.000	96	309416	400.0	399.7	
20 1,1-Dichloroethene	96	2.169	2.168	0.001	94	2710645	500.0	413.5	
23 Acetone	43	2.226	2.226	0.000	85	7646771	2500.0	NQ	
21 Iodomethane	142	2.294	2.294	0.000	98	3056100	500.0	499.7	
24 Isopropyl alcohol	45	2.294	2.294	0.000	93	1702313	5000.0	4081.3	a
22 Carbon disulfide	76	2.317	2.317	0.000	100	7197556	500.0	282.2	
30 Methyl acetate	43	2.409	2.408	0.001	98	5364463	1000.0	1000.2	
26 3-Chloro-1-propene	76	2.409	2.408	0.001	91	2185024	500.0	427.7	
25 Cyclopentene	67	2.431	2.431	0.000	94	7260135	500.0	443.4	
27 Acetonitrile	41	2.454	2.454	0.000	99	4951639	5000.0	5978.1	a
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	98	53677	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	97	3367995	500.0	432.7	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	98	2912736	5000.0	3488.1	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	11018118	500.0	497.3	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	99	3214620	500.0	442.6	
35 Acrylonitrile	53	2.717	2.706	0.011	95	14408886	5000.0	4999.7	
36 Hexane	57	2.786	2.786	0.000	94	3746466	500.0	375.6	a
37 Isopropyl ether	45	2.946	2.946	0.000	98	13976222	500.0	510.9	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	70	7494293	500.0	498.1	
40 Vinyl acetate	43	2.980	2.991	-0.011	99	17670598	1000.0	1057.6	e
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	93	3333945	500.0	485.3	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	88	12565997	500.0	499.9	
* 42 2-Butanone-d5	46	3.392	3.391	0.001	92	412759	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.403	0.011	97	1252680	500.0	483.9	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	88	3944250	500.0	481.6	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	96	2328470	2500.0	2664.7	
47 Ethyl acetate	70	3.437	3.449	-0.011	96	786089	1000.0	970.4	
46 Methyl acrylate	55	3.494	3.494	0.000	99	3040424	500.0	554.5	
48 Propionitrile	54	3.563	3.563	0.000	98	4909416	5000.0	5257.0	
50 Tetrahydrofuran	72	3.643	3.643	0.000	87	888712	1000.0	904.3	
54 Methacrylonitrile	67	3.643	3.643	0.000	90	16316934	5000.0	5304.2	e
49 Chlorobromomethane	128	3.643	3.643	0.000	99	1651848	500.0	434.6	
51 Chloroform	83	3.689	3.689	0.000	97	6618318	500.0	479.7	
53 Cyclohexane	84	3.803	3.803	0.000	94	4827875	500.0	443.4	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	5694235	500.0	474.1	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	217652	50.0	49.7	
57 Carbon tetrachloride	117	3.929	3.929	0.000	98	4708083	500.0	464.1	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	95	5181688	500.0	470.7	
61 Isobutyl alcohol	43	4.077	4.089	-0.012	94	5822519	12500	12505	
64 Isooctane	57	4.112	4.100	0.012	99	9729536	500.0	468.1	
59 Benzene	78	4.134	4.134	0.000	96	15756168	500.0	503.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	87	286480	50.0	52.5	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	93	12089354	500.0	504.4	
66 Isopropyl acetate	87	4.192	4.191	0.001	97	3423416	500.0	496.0	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	97	5176871	500.0	463.9	
65 n-Heptane	57	4.283	4.283	0.000	96	1757480	500.0	417.6	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	818751	50.0	50.0	
70 n-Butanol	56	4.729	4.763	-0.034	90	1904341	12500	13117	
69 Trichloroethene	95	4.763	4.774	-0.011	98	3643751	500.0	475.5	
72 Methylcyclohexane	83	4.889	4.877	0.012	94	5192196	500.0	450.8	
71 Ethyl acrylate	99	4.877	4.889	-0.012	97	496946	500.0	454.6	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	89	4061442	500.0	489.3	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	45	14867	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	1892583	1000.0	1006.9	
78 1,4-Dioxane	88	5.175	5.174	0.001	84	591744	10000	9994.8	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	5418562	500.0	539.0	
75 Dibromomethane	93	5.186	5.186	0.000	97	2127128	500.0	438.9	
76 Dichlorobromomethane	83	5.346	5.346	0.000	99	5018572	500.0	482.9	
34 2-Nitropropane	41	5.677	5.677	0.000	97	2376014	1000.0	999.9	
79 2-Chloroethyl vinyl ether	63	5.689	5.700	-0.011	88	2147478	501.2	529.2	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	7093590	10000	10010	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	97	6575992	500.0	502.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.032	6.032	0.000	98	17833958	2500.0	2374.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	99	973358	50.0	50.9	
83 Toluene	91	6.192	6.192	0.000	93	16110227	500.0	477.7	
85 trans-1,3-Dichloropropene	75	6.592	6.603	-0.011	98	5970312	500.0	499.6	
86 Ethyl methacrylate	69	6.626	6.626	0.000	91	4608062	500.0	520.1	
87 1,1,2-Trichloroethane	83	6.832	6.832	0.000	94	2697476	500.0	504.2	
88 Tetrachloroethene	166	6.866	6.866	0.000	96	3382516	500.0	480.4	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	96	5657232	500.0	495.4	
91 2-Hexanone	43	7.129	7.129	0.000	98	12500675	2500.0	2702.3	
92 n-Butyl acetate	43	7.266	7.277	-0.011	99	5497721	500.0	500.0	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	3443741	500.0	493.3	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	3028334	500.0	477.3	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	41	568241	50.0	50.0	a
95 Chlorobenzene	112	8.078	8.078	0.000	93	9722059	500.0	503.7	
97 Ethylbenzene	106	8.181	8.180	0.001	99	5374932	500.0	496.9	e
96 1,1,1,2-Tetrachloroethane	131	8.203	8.203	0.000	95	3433617	500.0	504.9	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	97	6584706	500.0	479.8	a
100 o-Xylene	106	8.763	8.763	0.000	93	6504847	500.0	499.0	
99 n-Butyl acrylate	73	8.775	8.775	0.000	97	2954640	500.0	505.4	
101 Styrene	104	8.798	8.798	0.000	95	11132762	500.0	532.4	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	89	6862969	500.0	541.9	
103 Bromoform	173	9.015	9.015	0.000	57	2281731	500.0	506.3	
104 Isopropylbenzene	105	9.141	9.140	0.001	98	14791587	500.0	457.3	e
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	242661	50.0	49.3	
107 Bromobenzene	156	9.461	9.472	-0.011	96	3736711	500.0	500.8	
108 1,1,2,2-Tetrachloroethane	83	9.541	9.529	0.012	98	4188656	500.0	478.9	
109 N-Propylbenzene	91	9.541	9.541	0.000	98	15649270	500.0	406.3	e
115 1,2,3-Trichloropropane	110	9.575	9.563	0.012	99	1088273	500.0	432.9	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	94	1268980	500.0	551.6	
114 2-Chlorotoluene	91	9.644	9.643	0.001	98	13530910	500.0	519.2	e
113 4-Ethyltoluene	105	9.655	9.655	0.000	93	14671210	500.0	470.7	e
116 1,3,5-Trimethylbenzene	105	9.724	9.712	0.012	95	13150513	500.0	493.7	e
110 4-Chlorotoluene	91	9.758	9.758	0.000	98	13479551	500.0	532.4	e
117 Butyl Methacrylate	87	9.826	9.826	0.000	94	5038367	500.0	558.3	
118 tert-Butylbenzene	119	9.998	9.986	0.012	93	11886390	500.0	535.0	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	96	12933133	500.0	480.2	e
120 sec-Butylbenzene	105	10.181	10.181	0.000	96	13963602	500.0	448.4	e
121 4-Isopropyltoluene	119	10.318	10.306	0.012	94	13497462	500.0	508.7	e
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	83	7934247	500.0	553.2	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	269773	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	94	7867478	500.0	544.9	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	97	13481374	500.0	496.9	e
125 Benzyl chloride	91	10.524	10.523	0.001	98	8596313	500.0	540.4	
111 2,3-Dihydroindene	117	10.581	10.569	0.012	96	12964258	500.0	490.8	e
126 p-Diethylbenzene	119	10.627	10.626	0.000	94	8923680	500.0	553.8	
127 n-Butylbenzene	92	10.649	10.649	0.000	94	7470108	500.0	585.1	
128 1,2-Dichlorobenzene	146	10.707	10.706	0.001	95	7097588	500.0	528.7	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	99	11040488	500.0	476.1	e
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	97	798193	500.0	438.6	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	4735387	500.0	533.1	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.001	93	4277069	500.0	537.0	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	93	1601596	500.0	516.4	
134 Naphthalene	128	12.090	12.089	0.001	99	10301299	500.0	483.6	e

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	95	3872632	500.0	519.7	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	924.2	
S 137 Xylenes, Total	100				0		1000.0	978.9	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1001.6	
S 139 Total BTEX	1				0		2500.0	2457.4	

QC Flag Legend

Processing Flags
- NQ - Not Quantifiable
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

7 Freons Hi_00009	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00143	Amount Added:	50.00	Units: uL	
MIX I Hi_00171	Amount Added:	50.00	Units: uL	
Ethanol mix_00084	Amount Added:	50.00	Units: uL	
ACROLEIN W_00164	Amount Added:	40.00	Units: uL	
GAS Hi_00459	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D

Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7

Lims ID: STD500

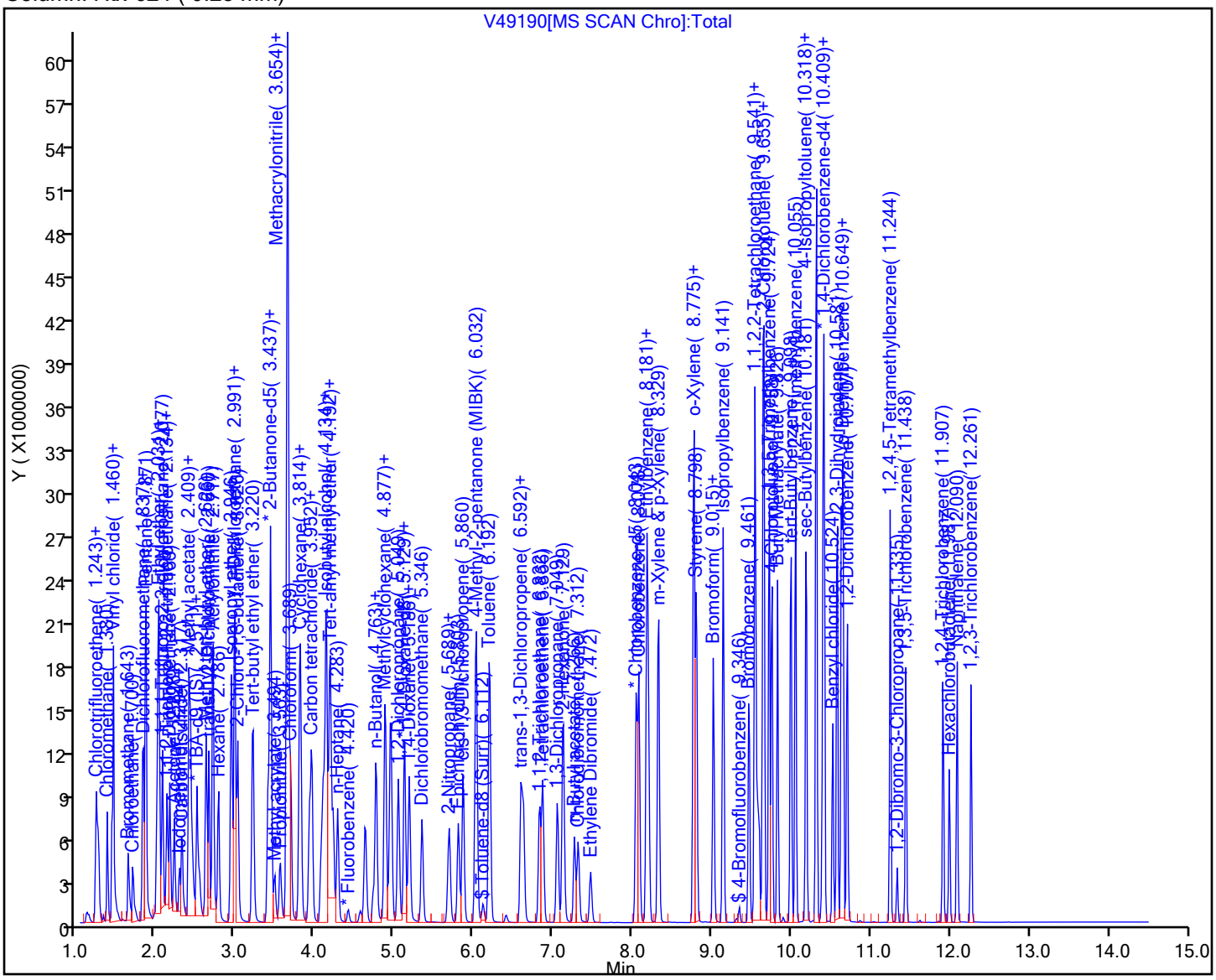
Client ID:

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

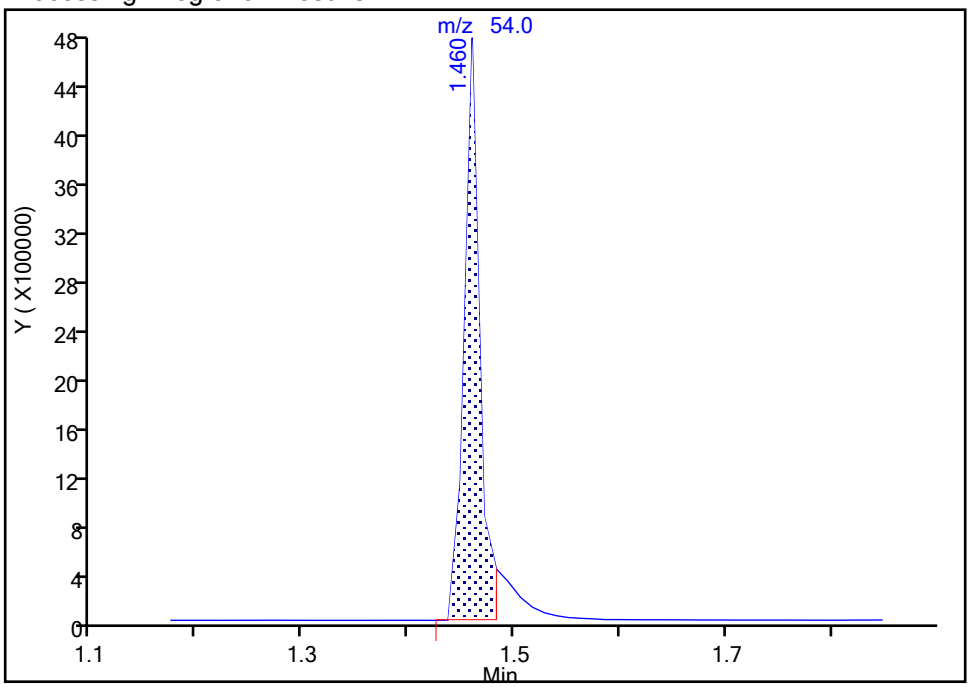
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

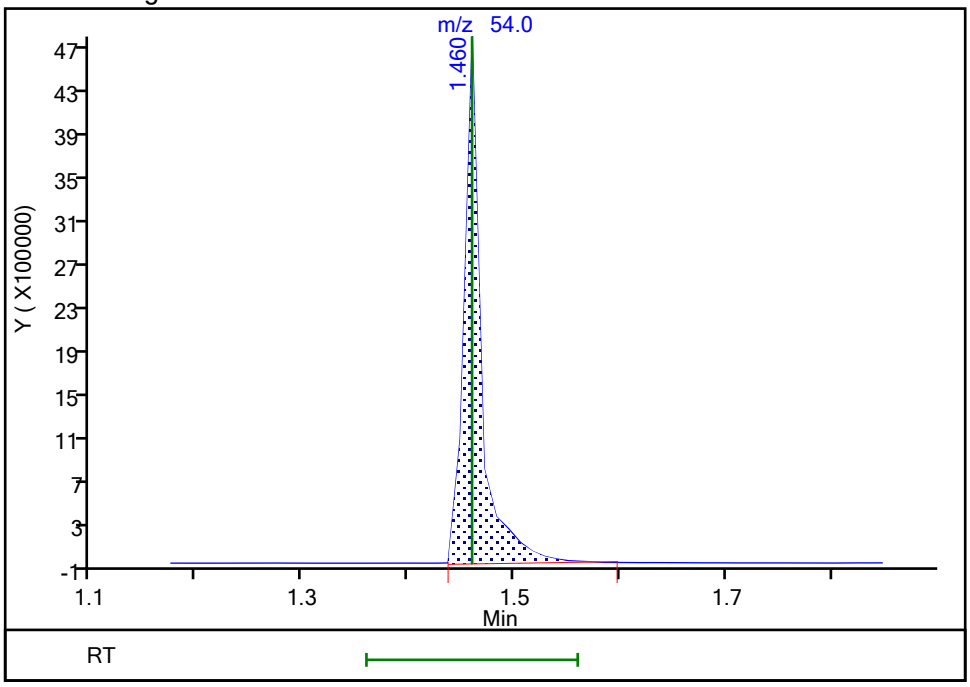
Processing Integration Results

RT: 1.46
Area: 4898555
Amount: 148.8635
Amount Units: ug/l



Manual Integration Results

RT: 1.46
Area: 5413609
Amount: 535.4768
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:35:54 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

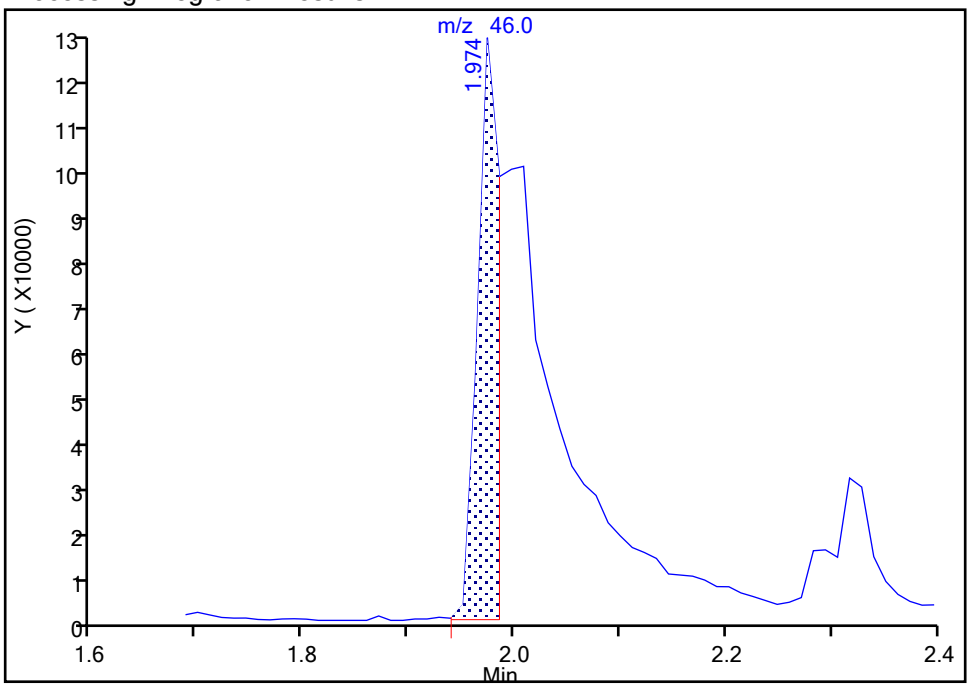
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

17 Ethanol, CAS: 64-17-5

Signal: 1

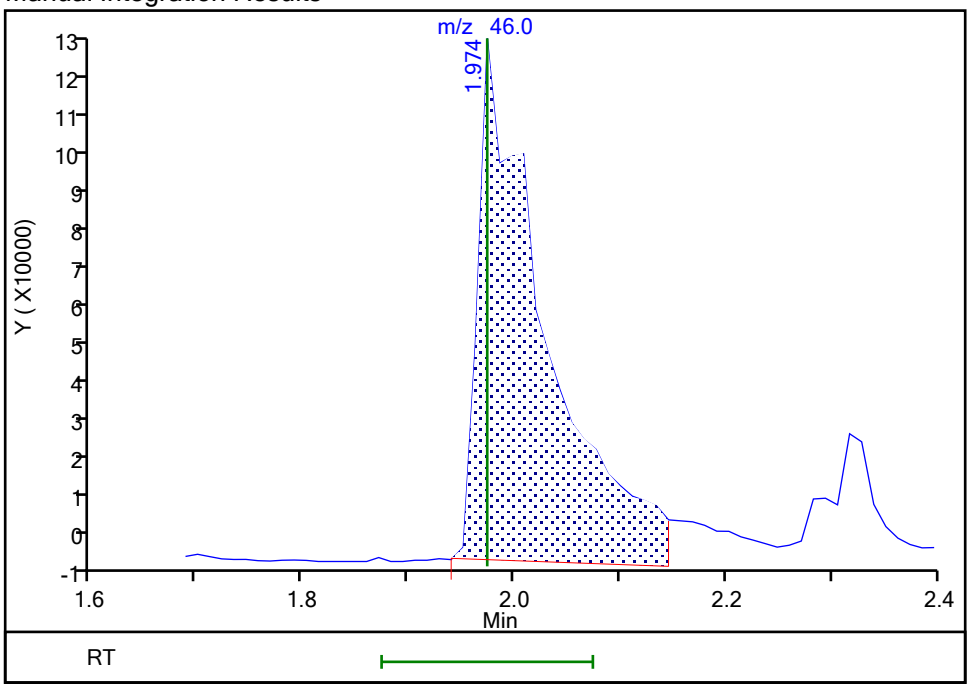
Processing Integration Results

RT: 1.97
Area: 188512
Amount: 6706.0805
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 552773
Amount: 17408
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:43:38 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

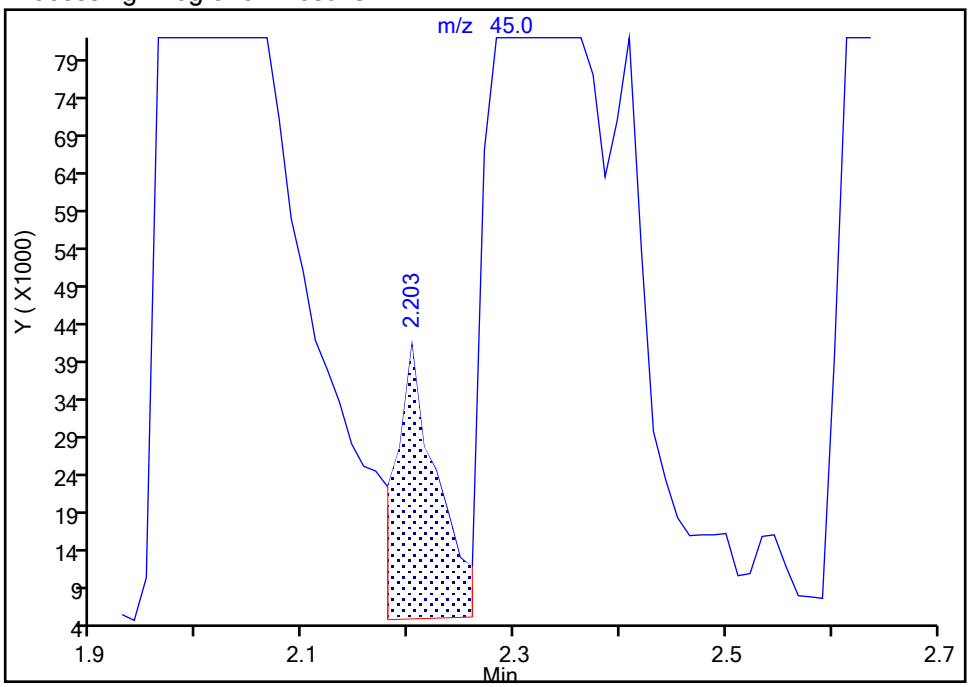
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

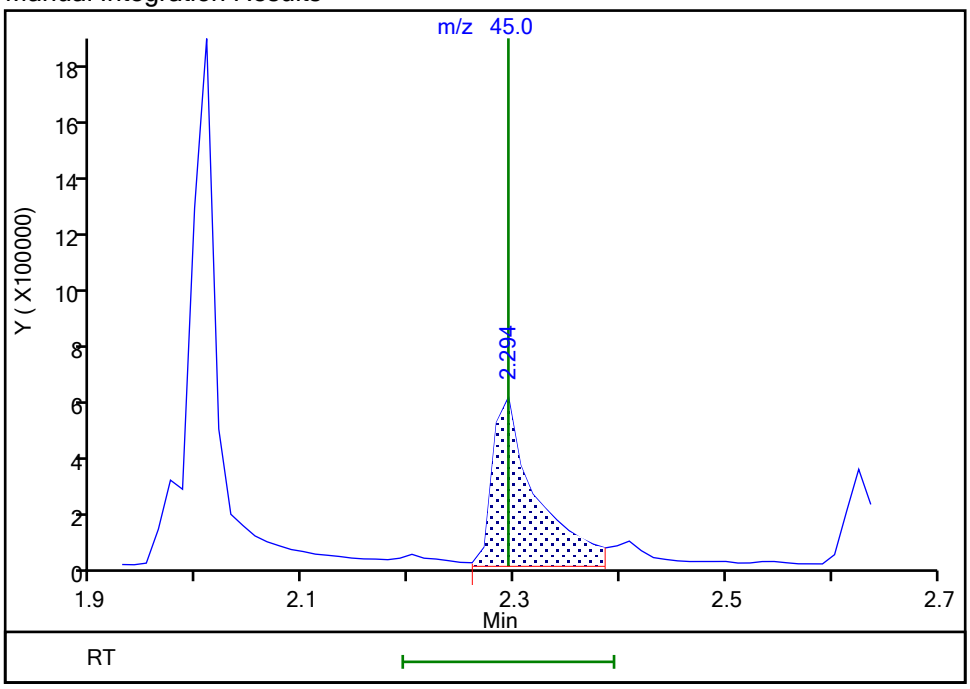
Processing Integration Results

RT: 2.20
Area: 100786
Amount: 277.1043
Amount Units: ug/l



Manual Integration Results

RT: 2.29
Area: 1702313
Amount: 4081.3494
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:45:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

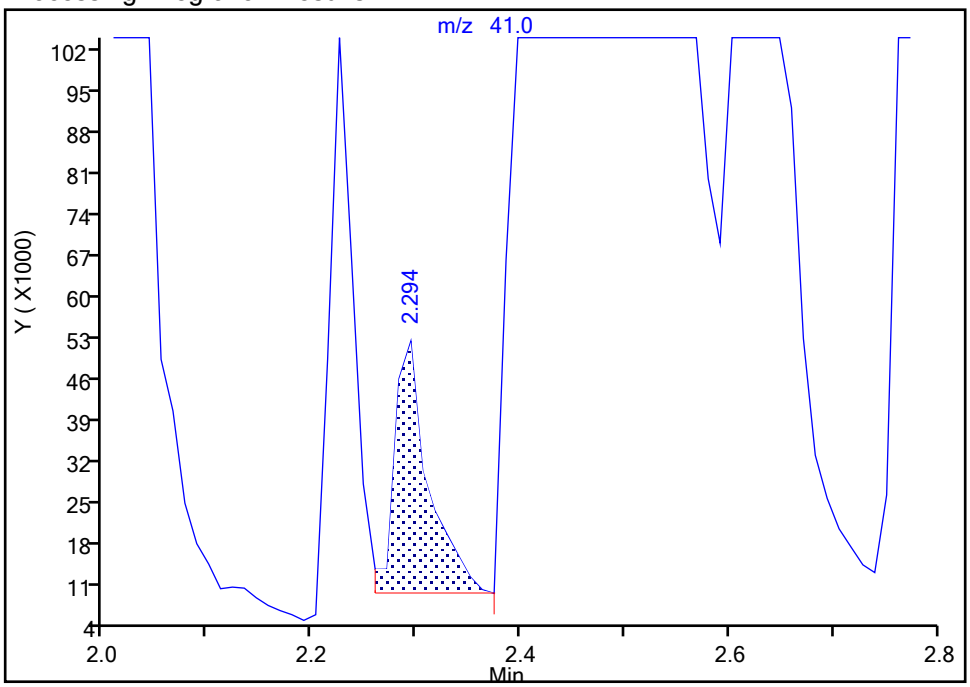
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

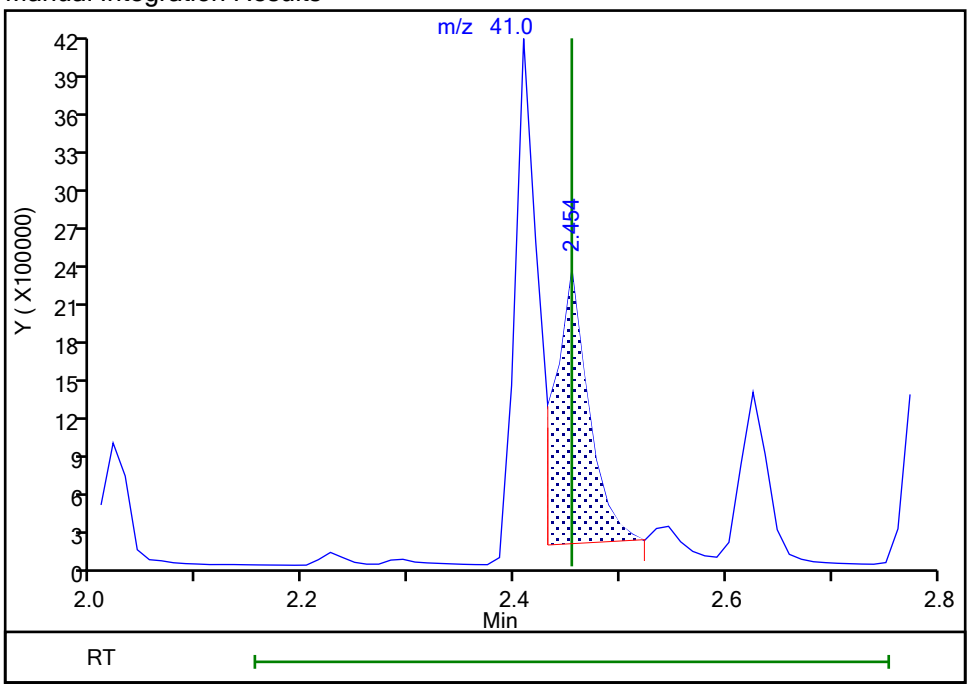
Processing Integration Results

RT: 2.29
Area: 97617
Amount: 141.5544
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 4951639
Amount: 5978.1186
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:45:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

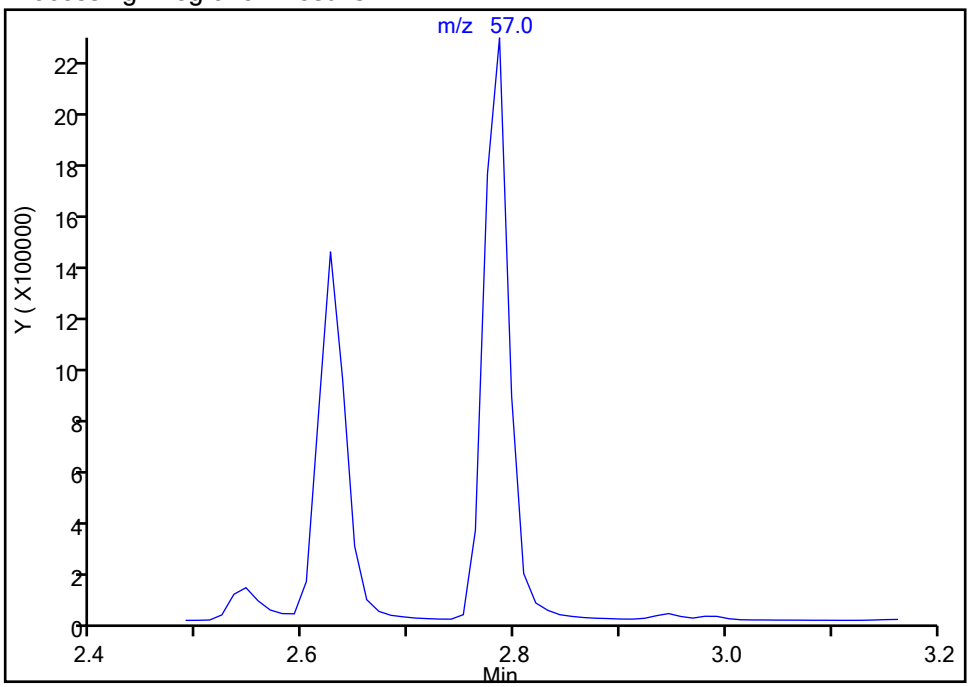
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Signal: 1

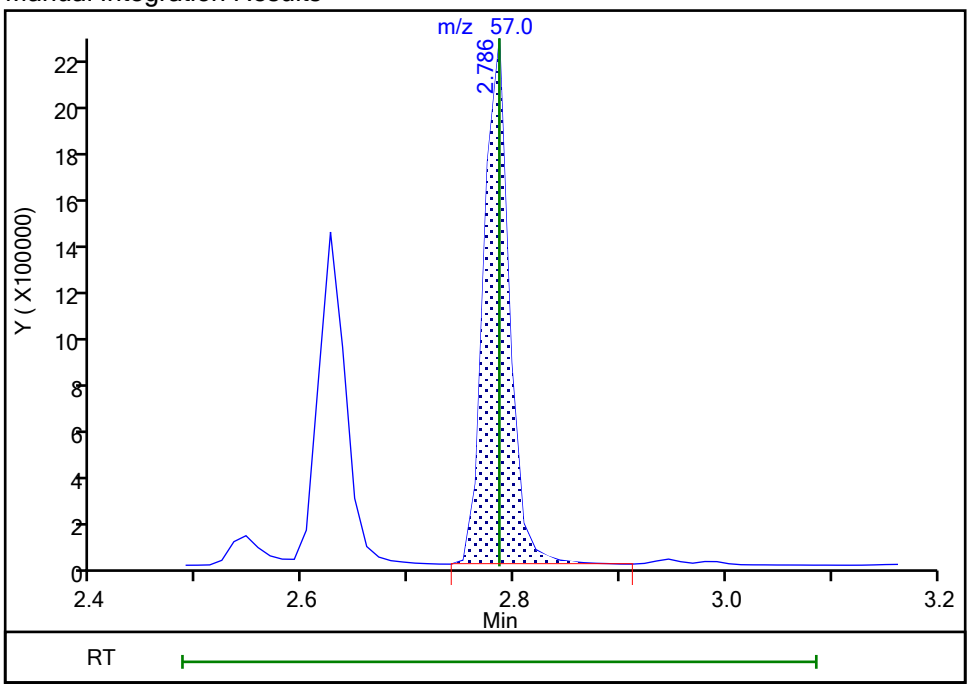
Not Detected
Expected RT: 2.79

Processing Integration Results



Manual Integration Results

RT: 2.79
Area: 3746466
Amount: 375.5629
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:36:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

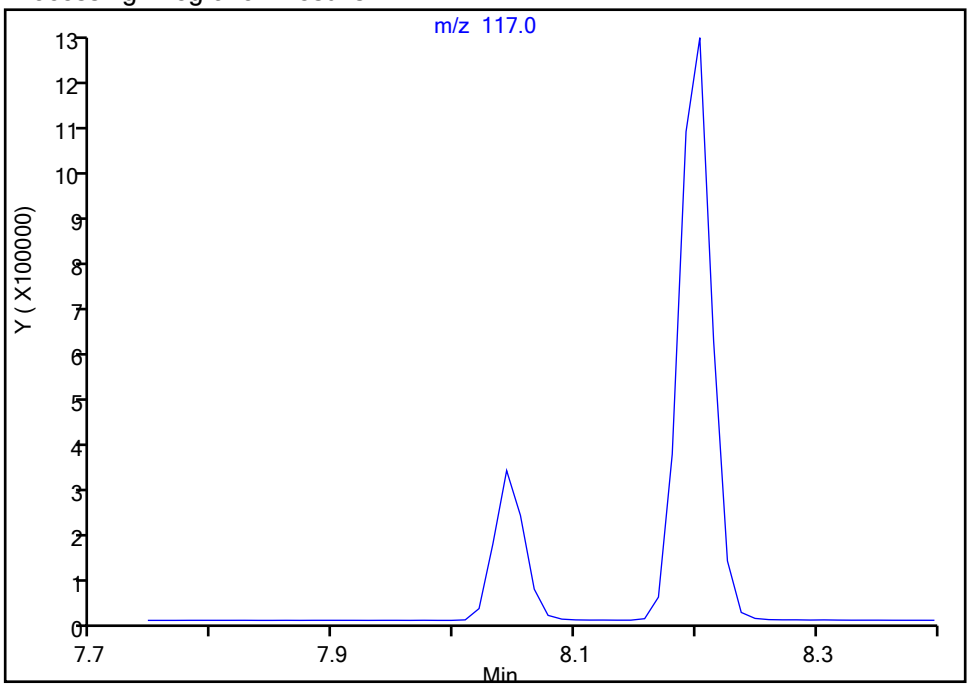
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 94 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

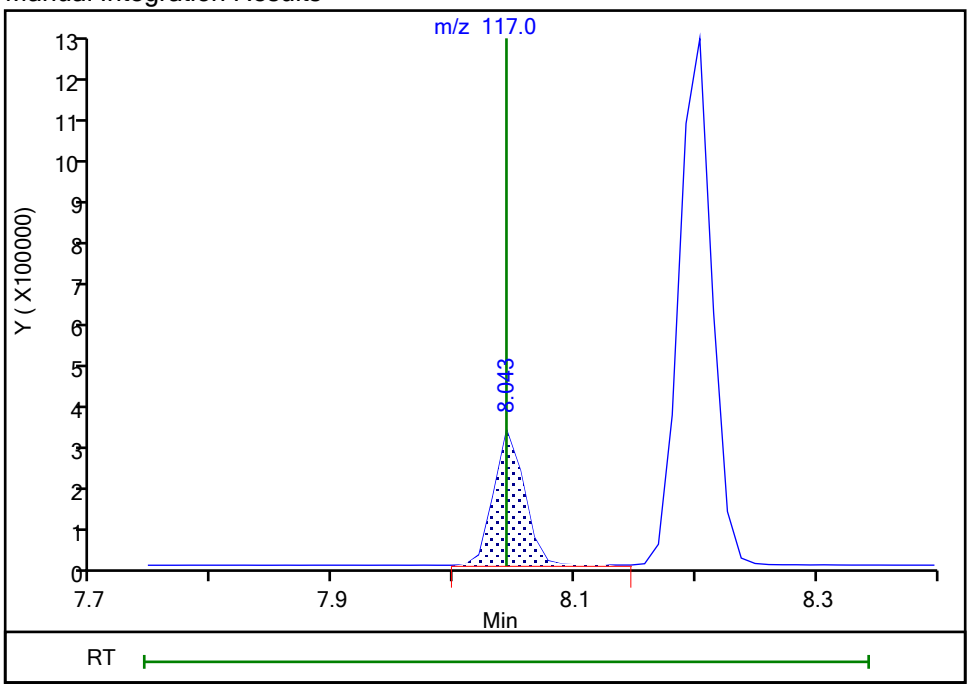
Not Detected
Expected RT: 8.04

Processing Integration Results



Manual Integration Results

RT: 8.04
Area: 568241
Amount: 50.000000
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:36:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

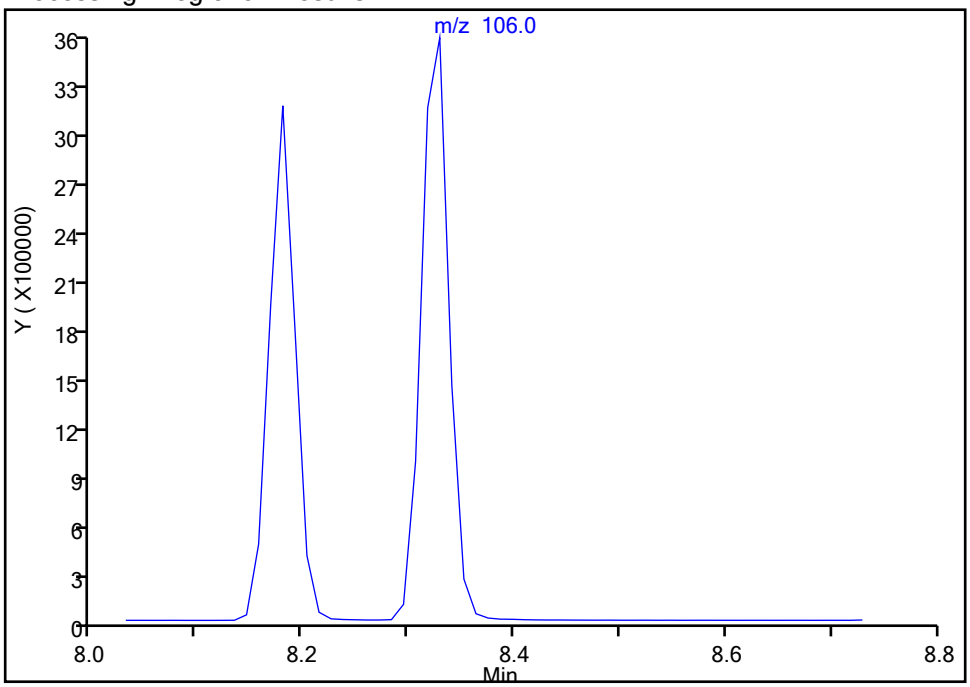
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49190.D
Injection Date: 05-Jan-2024 02:23:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

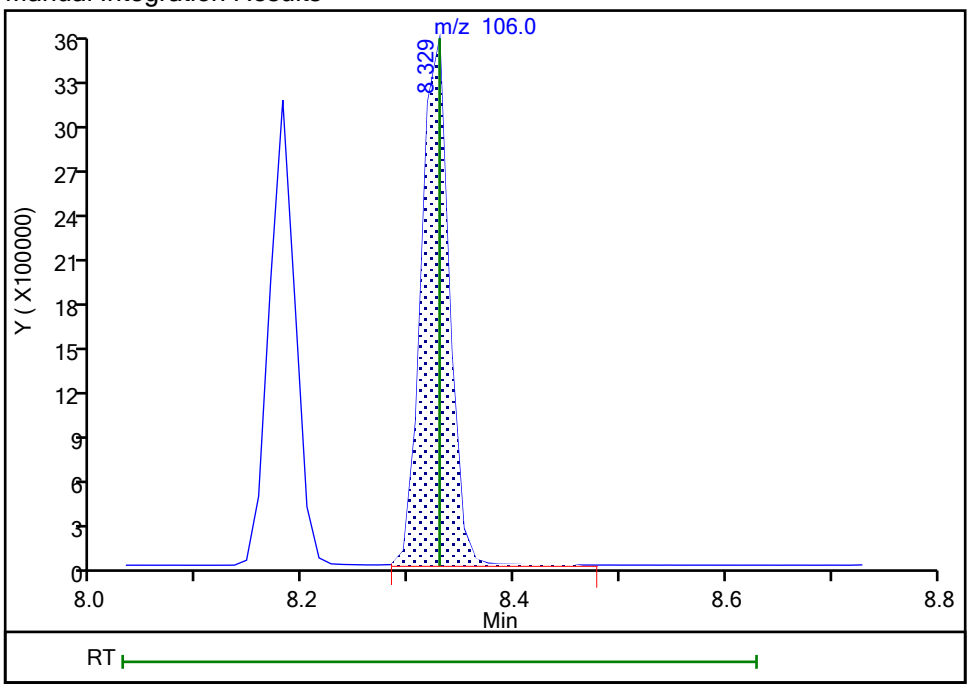
Not Detected
Expected RT: 8.33

Processing Integration Results



Manual Integration Results

RT: 8.33
Area: 6584706
Amount: 479.8442
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:36:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 05-Jan-2024 09:04:30 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0170980-016
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Jan-2024 07:24:51 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 05-Jan-2024 10:12:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	57	1355	1.00	1.06	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	93	3610	1.00	1.26	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	66	7184	1.00	0.9723	M
2 Chlorodifluoromethane	67	1.266	1.265	0.001	100	1296	1.00	1.06	
6 Chloromethane	50	1.380	1.380	0.000	99	8981	1.00	1.04	
7 Vinyl chloride	62	1.437	1.437	0.000	98	9033	1.00	1.01	
8 Butadiene	54	1.460	1.460	0.000	94	8210	1.00	0.9752	
9 Bromomethane	94	1.654	1.654	0.000	92	4131	1.00	0.99	
10 Chloroethane	64	1.711	1.711	0.000	97	6175	1.00	1.12	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	97	14608	1.00	1.07	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	95	8172	1.00	0.9195	
13 Pentane	72	1.871	1.871	0.000	97	2392	2.00	2.22	
17 Ethanol	46	1.986	1.974	0.012	73	2325	40.0	112.6	
14 Ethyl ether	74	2.008	2.008	0.000	96	5432	1.00	1.12	
15 2-Methyl-1,3-butadiene	53	2.031	2.020	0.011	85	7318	1.00	1.12	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.031	0.012	85	6192	1.00	1.21	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	95	8235	1.00	0.99	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	83	6079	1.00	1.10	
52 Acrolein	56	2.157	2.146	0.011	27	1449	4.00	2.79	M
20 1,1-Dichloroethene	96	2.168	2.168	0.000	98	5743	1.00	1.05	
23 Acetone	43	2.237	2.226	0.011	83	9489	5.00	5.99	M
21 Iodomethane	142	2.294	2.294	0.000	98	2217	1.00	0.3661	
24 Isopropyl alcohol	45	2.306	2.294	0.012	30	3566	10.0	13.2	M
22 Carbon disulfide	76	2.317	2.317	0.000	100	23505	1.00	1.11	
30 Methyl acetate	43	2.420	2.408	0.012	75	11388	2.00	2.55	
26 3-Chloro-1-propene	76	2.409	2.408	0.000	87	4827	1.00	1.13	
25 Cyclopentene	67	2.431	2.431	0.000	94	12851	1.00	0.9425	
27 Acetonitrile	41	2.489	2.454	0.034	22	4049	10.0	6.62	a
* 28 TBA-d9 (IS)	66	2.489	2.488	0.000	99	34892	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	96	7016	1.00	1.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	98	7129	10.0	13.1	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	98	19873	1.00	1.08	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	95	7535	1.00	1.25	
35 Acrylonitrile	53	2.729	2.706	0.023	92	21343	10.0	9.38	M
36 Hexane	57	2.786	2.786	0.000	89	7728	1.00	0.9303	
37 Isopropyl ether	45	2.946	2.946	0.000	98	22987	1.00	1.01	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	98	12615	1.00	1.01	
40 Vinyl acetate	43	3.014	2.991	0.023	100	18449	2.00	1.50	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	91	5583	1.00	0.9760	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	92	21128	1.00	1.01	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	100	304823	250.0	250.0	M
43 2,2-Dichloropropane	97	3.403	3.403	0.000	47	2891	1.00	0.8601	
45 cis-1,2-Dichloroethene	96	3.449	3.437	0.012	89	7296	1.00	1.07	
44 2-Butanone (MEK)	72	3.449	3.437	0.012	71	3375	5.00	5.23	
47 Ethyl acetate	70	3.460	3.449	0.012	95	503	2.00	1.97	
46 Methyl acrylate	55	3.517	3.494	0.023	68	3828	1.00	0.8384	
48 Propionitrile	54	3.586	3.563	0.023	88	6883	10.0	8.85	
54 Methacrylonitrile	67	3.666	3.643	0.023	94	24834	10.0	9.69	
49 Chlorobromomethane	128	3.643	3.643	0.000	93	3839	1.00	1.21	
50 Tetrahydrofuran	72	3.654	3.643	0.011	32	2106	2.00	2.57	a
51 Chloroform	83	3.689	3.689	0.000	98	11757	1.00	1.02	
53 Cyclohexane	84	3.803	3.803	0.000	94	8776	1.00	0.9680	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	96	11085	1.00	1.11	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	97	185335	50.0	50.8	
57 Carbon tetrachloride	117	3.929	3.929	0.000	93	8468	1.00	1.00	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	90	9508	1.00	1.04	
61 Isobutyl alcohol	43	4.112	4.089	0.023	54	4343	25.0	12.4	Ma
64 Isooctane	57	4.112	4.100	0.012	97	16064	1.00	0.9281	
59 Benzene	78	4.146	4.134	0.012	95	26503	1.00	1.00	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	222368	50.0	48.9	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	83	21345	1.00	1.07	
66 Isopropyl acetate	87	4.192	4.191	0.001	83	6272	1.00	1.09	a
63 1,2-Dichloroethane	62	4.237	4.226	0.011	95	11160	1.00	1.20	
65 n-Heptane	57	4.283	4.283	0.000	90	3123	1.00	0.8912	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	681779	50.0	50.0	
69 Trichloroethene	95	4.774	4.774	0.000	93	6224	1.00	0.9755	
72 Methylcyclohexane	83	4.877	4.877	0.000	93	8879	1.00	0.9258	
71 Ethyl acrylate	99	4.923	4.889	0.034	79	970	1.00	1.07	M
73 1,2-Dichloropropane	63	5.049	5.049	0.000	86	7433	1.00	1.08	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	92	23888	1000.0	1000.0	M
74 Methyl methacrylate	100	5.152	5.129	0.023	90	2651	2.00	1.69	
78 1,4-Dioxane	88	5.197	5.174	0.023	83	5195	50.0	91.3	
77 n-Propyl acetate	43	5.232	5.186	0.046	97	7323	1.00	0.8749	M
75 Dibromomethane	93	5.186	5.186	0.000	92	4498	1.00	1.11	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	9743	1.00	1.13	
34 2-Nitropropane	41	5.689	5.677	0.012	94	7615	2.00	3.45	
79 2-Chloroethyl vinyl ether	63	5.723	5.700	0.023	75	3846	1.00	1.14	
80 Epichlorohydrin	57	5.826	5.803	0.023	96	11730	20.0	22.4	
81 cis-1,3-Dichloropropene	75	5.872	5.860	0.012	96	11527	1.00	1.03	
84 4-Methyl-2-pentanone (MIBK)	43	6.043	6.032	0.011	95	27950	5.00	5.04	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	788228	50.0	48.5	
83 Toluene	91	6.203	6.192	0.011	96	29284	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	96	10388	1.00	1.02	
86 Ethyl methacrylate	69	6.660	6.626	0.034	84	5927	1.00	0.7863	
87 1,1,2-Trichloroethane	83	6.820	6.832	-0.012	90	4065	1.00	0.8932	
88 Tetrachloroethene	166	6.866	6.866	0.000	93	6504	1.00	1.09	
89 1,3-Dichloropropane	76	7.060	7.049	0.011	95	9889	1.00	1.02	
91 2-Hexanone	43	7.163	7.129	0.034	96	16452	5.00	4.82	
92 n-Butyl acetate	43	7.323	7.277	0.046	76	11123	1.00	1.10	M
90 Chlorodibromomethane	129	7.312	7.312	0.000	97	5729	1.00	0.9646	
93 Ethylene Dibromide	107	7.483	7.472	0.011	98	5795	1.00	1.07	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	483404	50.0	50.0	
95 Chlorobenzene	112	8.089	8.078	0.011	96	16229	1.00	0.9884	
97 Ethylbenzene	106	8.192	8.180	0.012	99	9577	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	8.203	8.203	0.000	90	5483	1.00	0.9478	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	98	12150	1.00	1.04	
100 o-Xylene	106	8.775	8.763	0.012	92	11304	1.00	1.02	
99 n-Butyl acrylate	73	8.798	8.775	0.023	86	5133	1.00	1.03	
101 Styrene	104	8.809	8.798	0.011	94	17617	1.00	0.99	
102 Amyl acetate (mixed isomers)	43	9.038	9.015	0.023	91	8741	1.00	0.8320	
103 Bromoform	173	9.026	9.015	0.011	71	3668	1.00	0.9568	
104 Isopropylbenzene	105	9.141	9.140	0.001	96	27626	1.00	1.00	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	204908	50.0	48.9	
107 Bromobenzene	156	9.472	9.472	0.000	95	6348	1.00	1.03	
108 1,1,2,2-Tetrachloroethane	83	9.541	9.529	0.012	55	7224	1.00	1.00	
109 N-Propylbenzene	91	9.552	9.541	0.011	99	31989	1.00	1.00	
115 1,2,3-Trichloropropane	110	9.575	9.563	0.012	94	2341	1.00	1.12	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	64	2006	1.00	1.05	
114 2-Chlorotoluene	91	9.644	9.643	0.001	96	21713	1.00	1.00	
113 4-Ethyltoluene	105	9.655	9.655	0.000	98	26400	1.00	1.02	
116 1,3,5-Trimethylbenzene	105	9.724	9.712	0.012	90	21495	1.00	0.9728	
110 4-Chlorotoluene	91	9.758	9.758	0.000	96	21119	1.00	1.01	
117 Butyl Methacrylate	87	9.838	9.826	0.012	95	6634	1.00	0.8863	
118 tert-Butylbenzene	119	9.998	9.986	0.012	89	17373	1.00	0.9427	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	96	21825	1.00	0.9770	
120 sec-Butylbenzene	105	10.192	10.181	0.011	99	25060	1.00	0.9701	
121 4-Isopropyltoluene	119	10.318	10.306	0.012	97	20435	1.00	0.9286	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	93	12027	1.00	1.01	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	223767	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	95	11959	1.00	1.00	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	98	23308	1.00	1.04	
125 Benzyl chloride	91	10.524	10.523	0.001	99	12506	1.00	0.9478	
111 2,3-Dihydroindene	117	10.581	10.569	0.012	95	22537	1.00	1.03	
126 p-Diethylbenzene	119	10.626	10.626	0.000	94	13284	1.00	0.99	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	10275	1.00	0.9702	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	91	11880	1.00	1.07	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	19985	1.00	1.04	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	86	1908	1.00	1.26	
132 1,3,5-Trichlorobenzene	180	11.449	11.438	0.011	96	7161	1.00	0.9720	
131 1,2,4-Trichlorobenzene	180	11.918	11.906	0.012	94	6675	1.00	1.01	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	88	2754	1.00	1.07	
134 Naphthalene	128	12.089	12.089	0.000	99	21085	1.00	1.19	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	93	6654	1.00	1.08	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.32	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	2.06	
S 138 1,3-Dichloropropene, Total	1				0		2.00	2.06	
S 139 Total BTEX	1				0		5.00	5.12	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

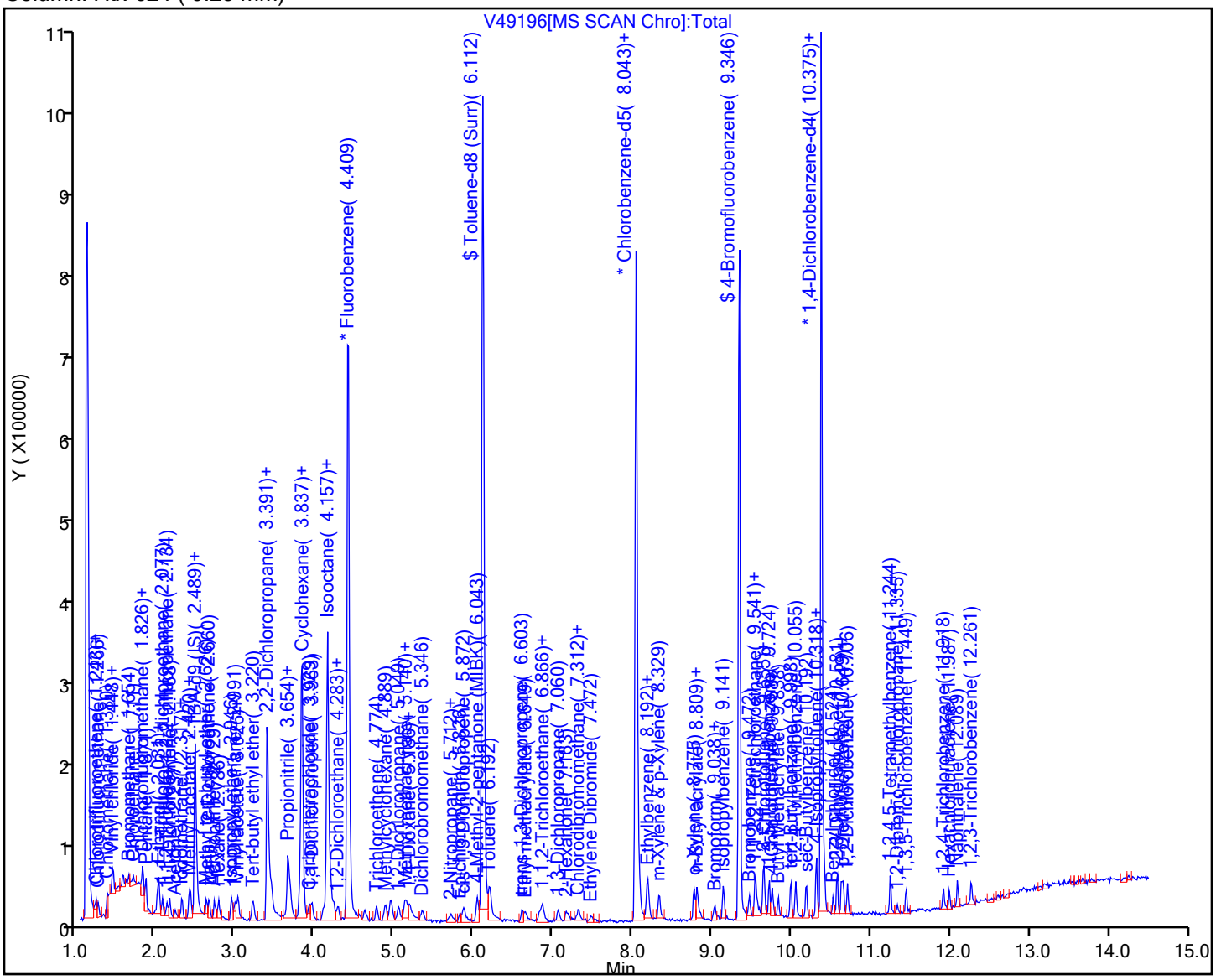
Reagents:

8260MIX1COMB_00181	Amount Added:	10.00	Units: uL	
ACROLEIN W_00164	Amount Added:	4.00	Units: uL	
524FREONS_00012	Amount Added:	10.00	Units: uL	
GASES Li_00565	Amount Added:	10.00	Units: uL	
14DIOXINTER_00164	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 22-Jan-2024 07:24:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison

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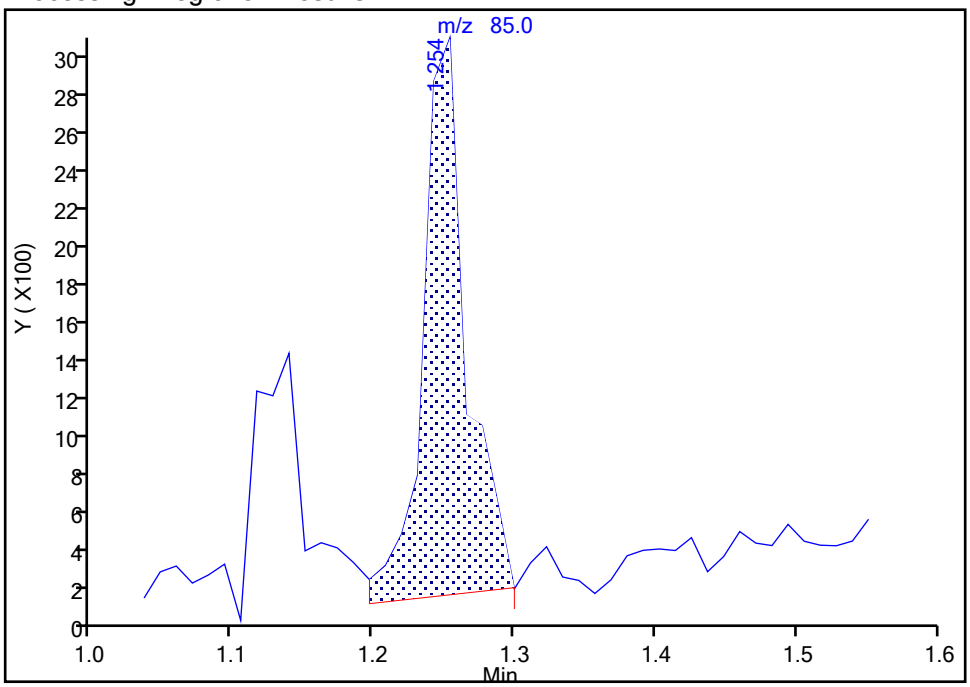
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

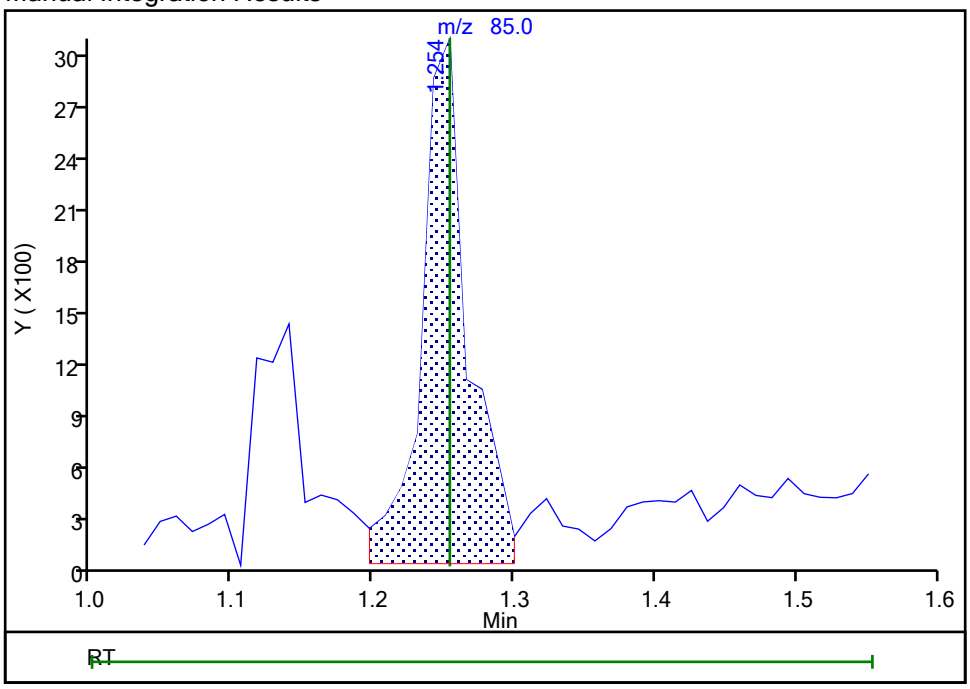
Processing Integration Results

RT: 1.25
Area: 6348
Amount: 0.672154
Amount Units: ug/l



Manual Integration Results

RT: 1.25
Area: 7184
Amount: 0.972260
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:11:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

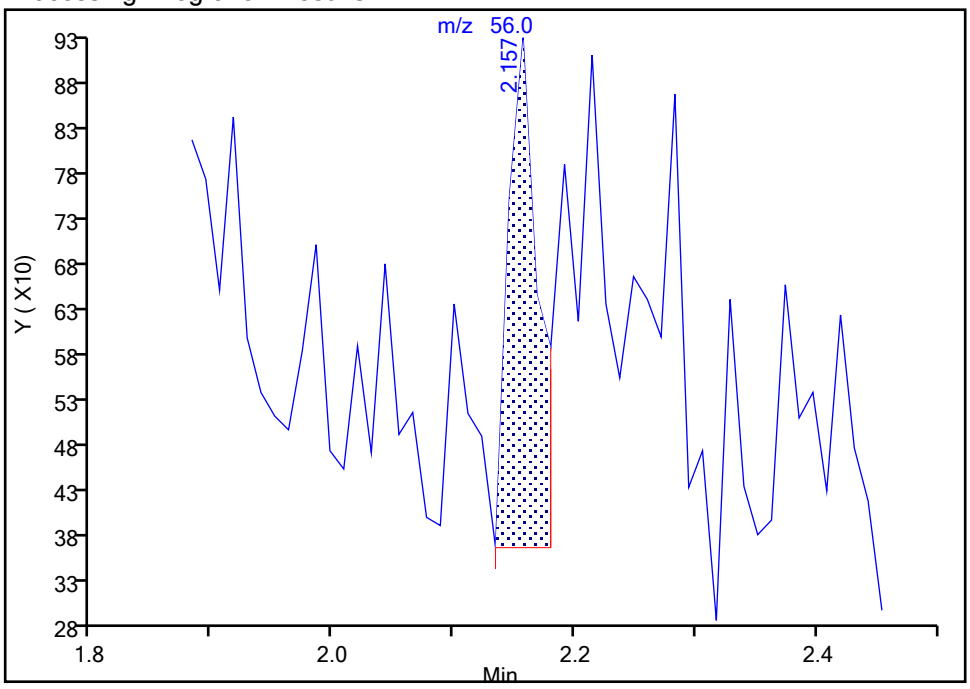
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

52 Acrolein, CAS: 107-02-8

Signal: 1

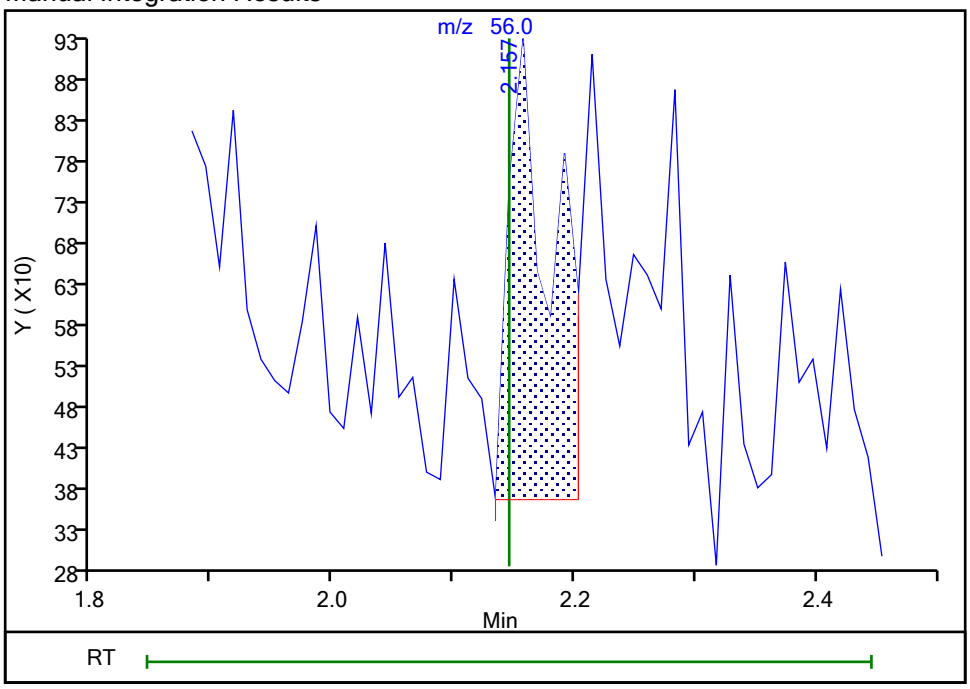
Processing Integration Results

RT: 2.16
Area: 986
Amount: 1.876648
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 1449
Amount: 2.791049
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:07:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

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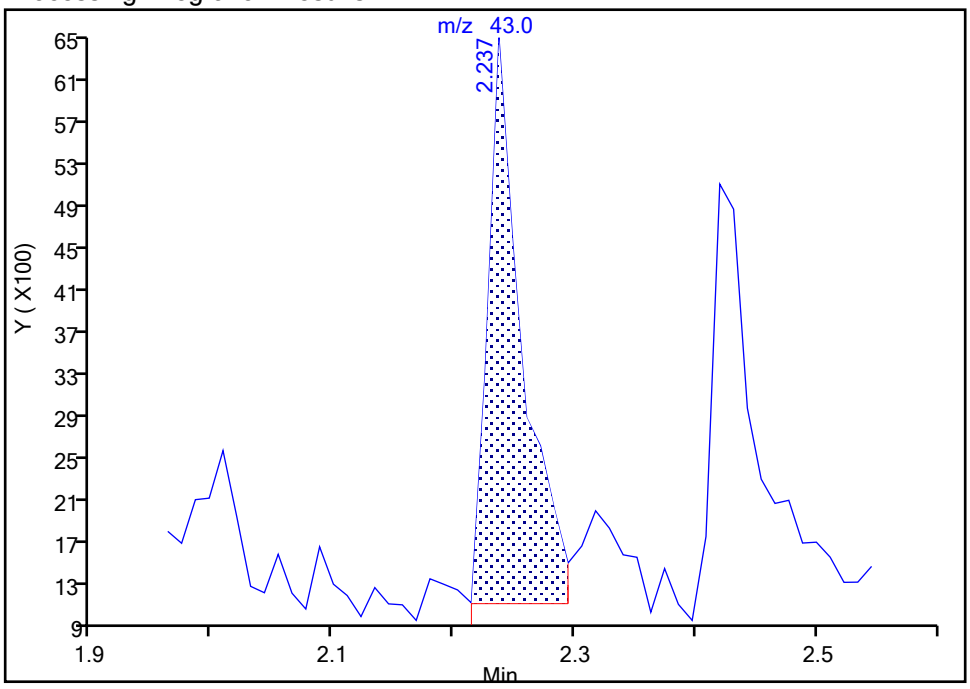
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

23 Acetone, CAS: 67-64-1

Signal: 1

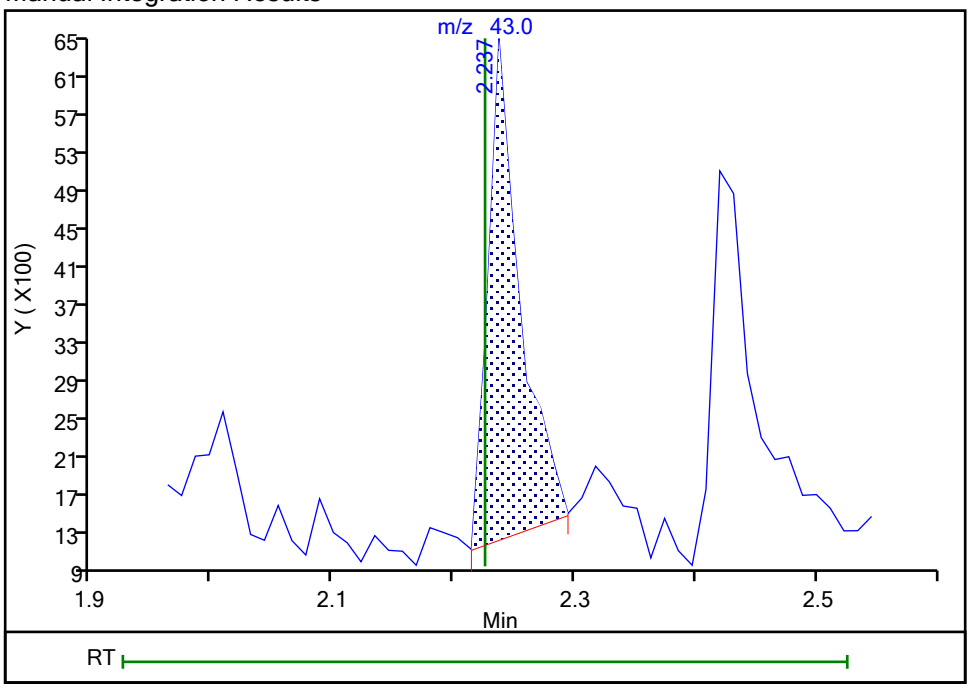
Processing Integration Results

RT: 2.24
Area: 10452
Amount: 12.528287
Amount Units: ug/l



Manual Integration Results

RT: 2.24
Area: 9489
Amount: 5.990857
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:12:19 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

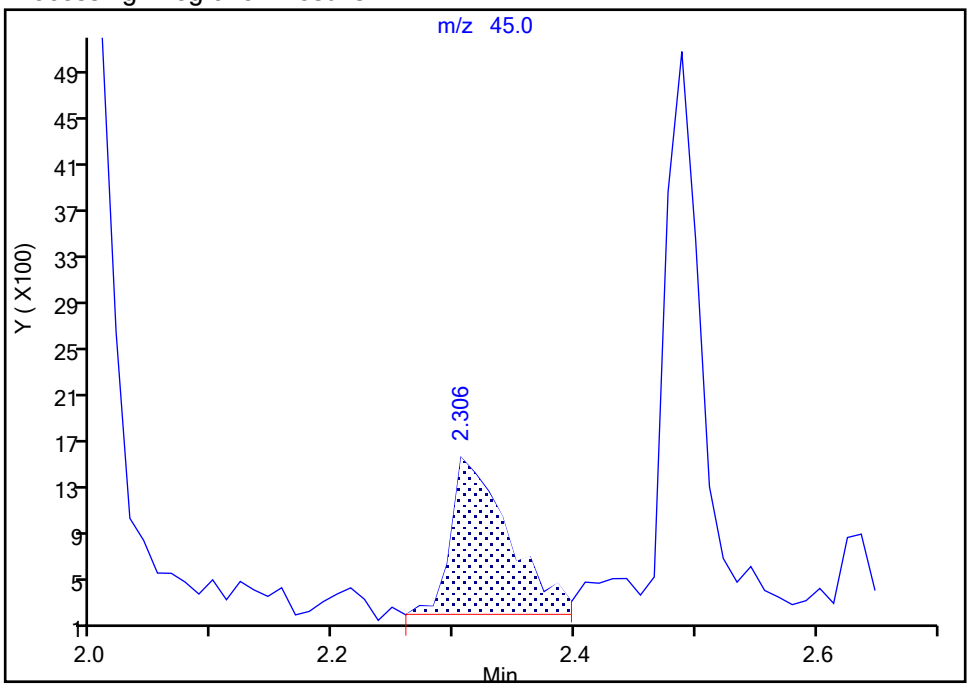
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

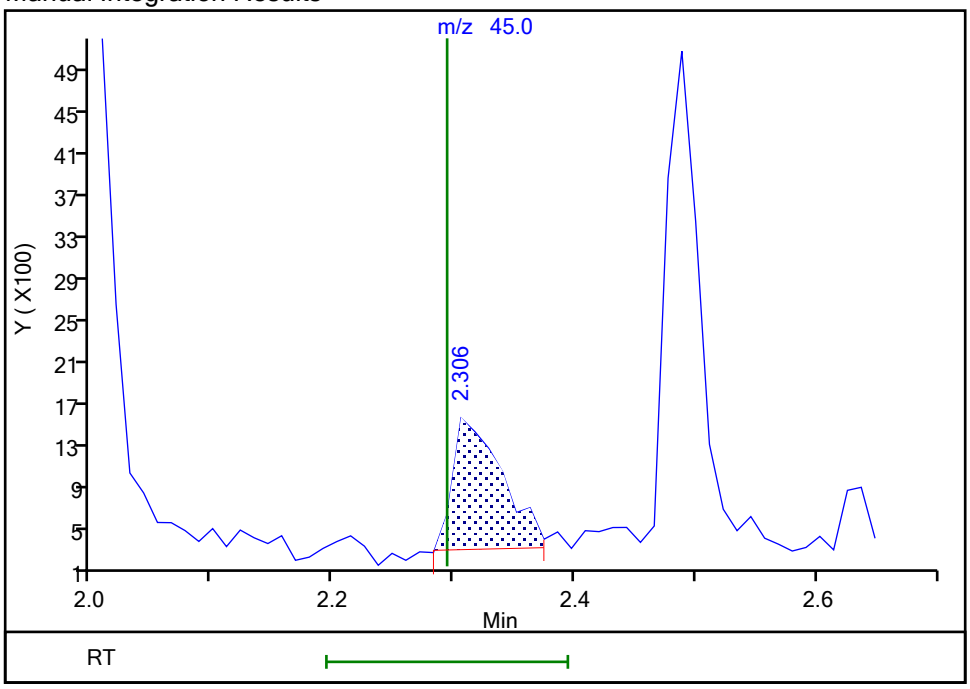
Processing Integration Results

RT: 2.31
Area: 4527
Amount: 17.486131
Amount Units: ug/l



Manual Integration Results

RT: 2.31
Area: 3566
Amount: 13.152493
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:12:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

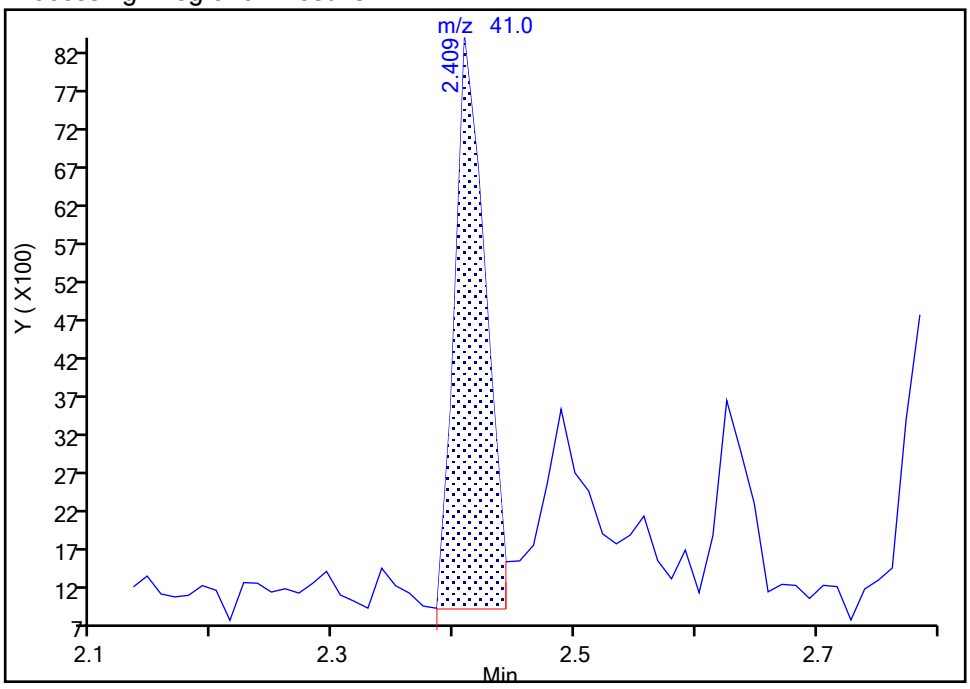
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

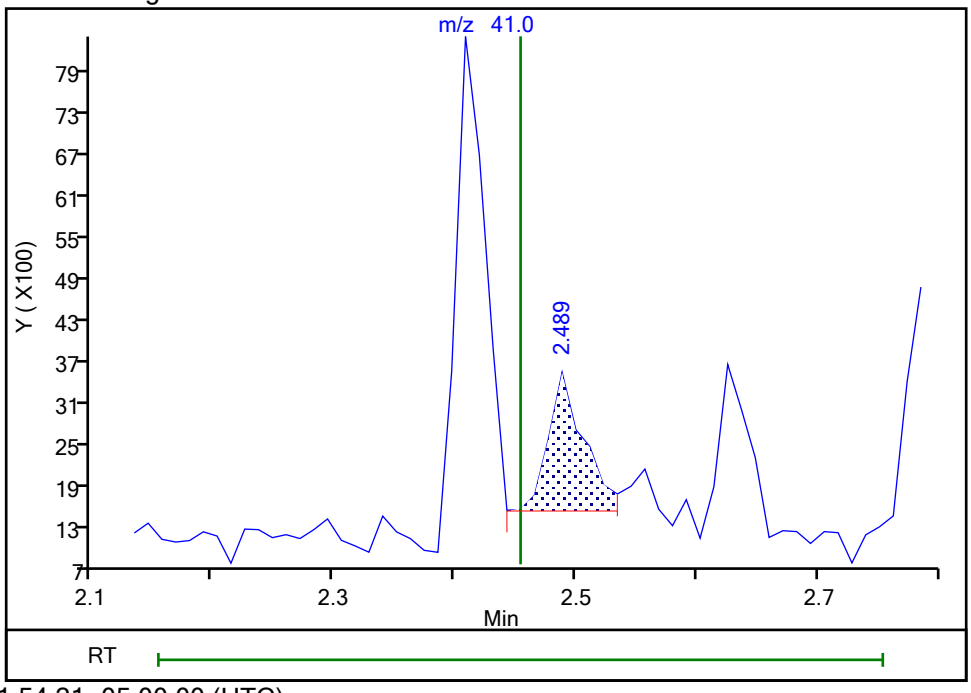
Processing Integration Results

RT: 2.41
Area: 13223
Amount: 22.044871
Amount Units: ug/l



Manual Integration Results

RT: 2.49
Area: 4049
Amount: 6.619301
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:54:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

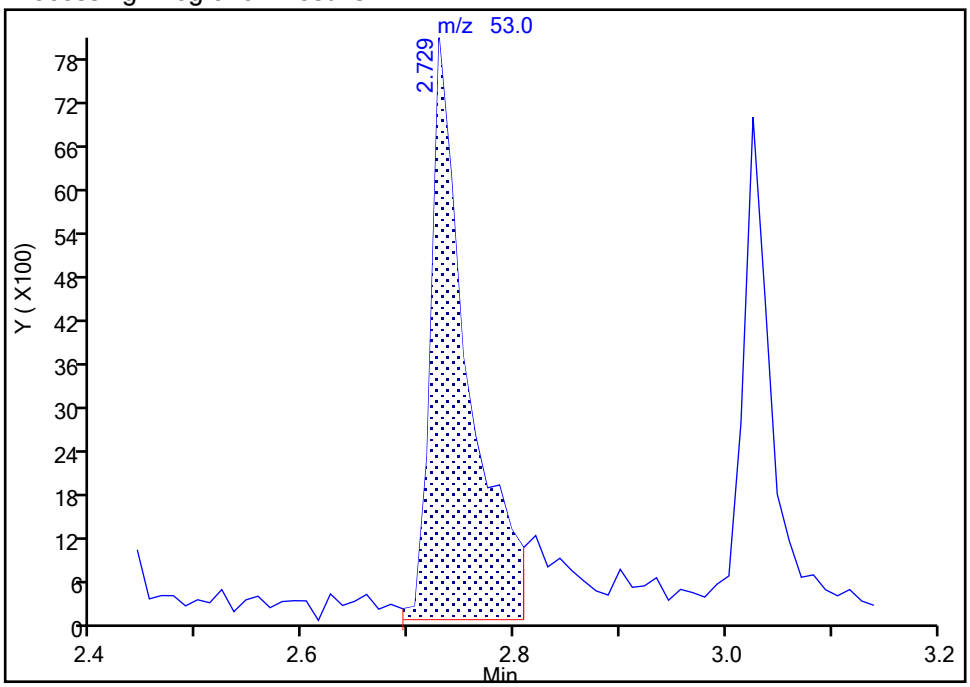
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

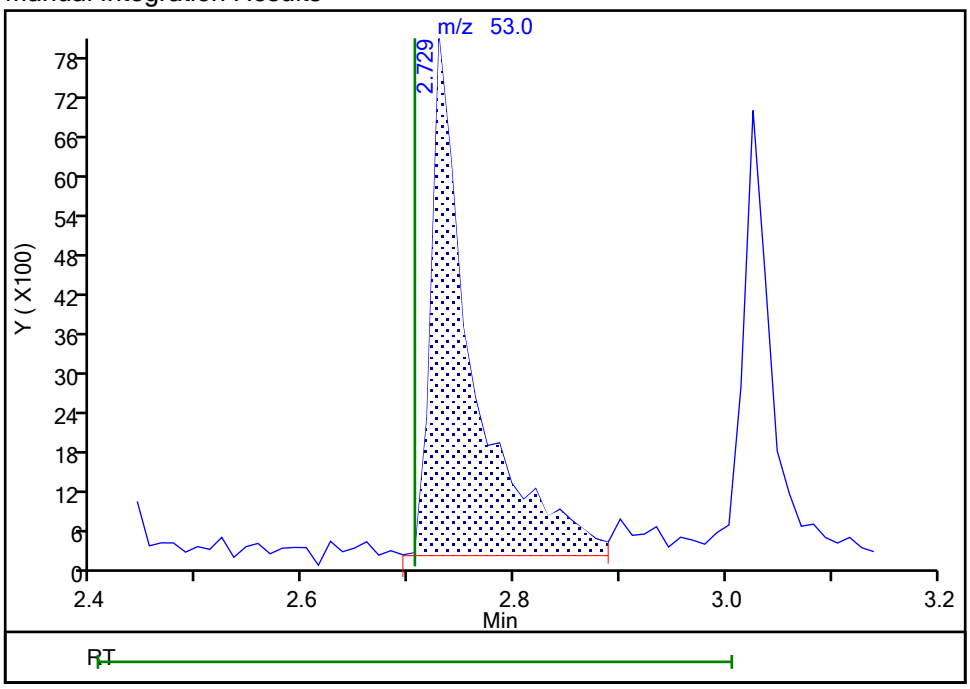
Processing Integration Results

RT: 2.73
Area: 19941
Amount: 8.766073
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 21343
Amount: 9.382294
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:23:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

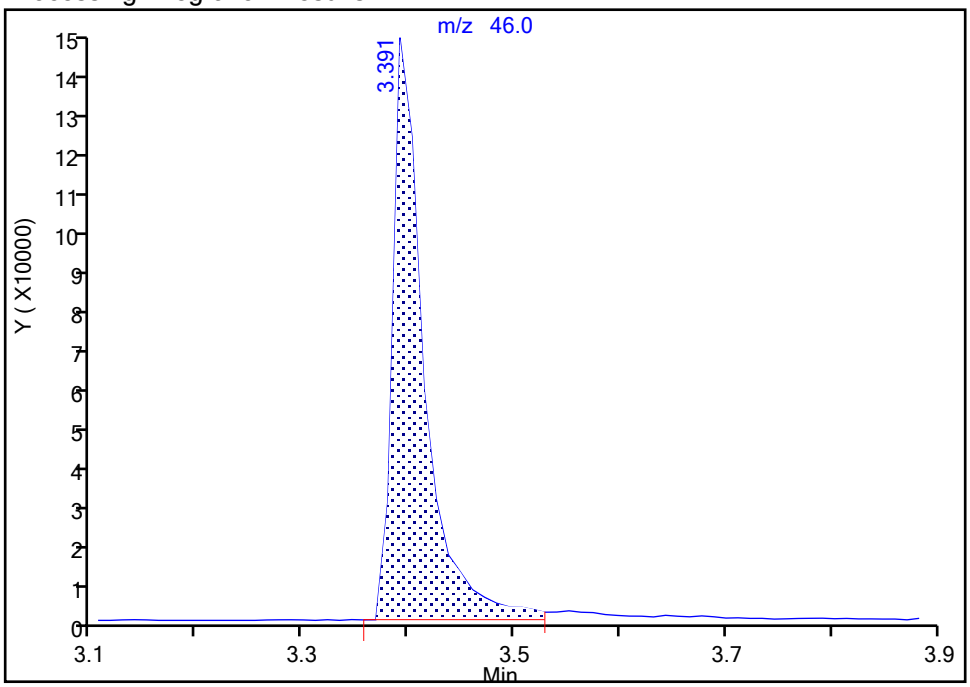
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

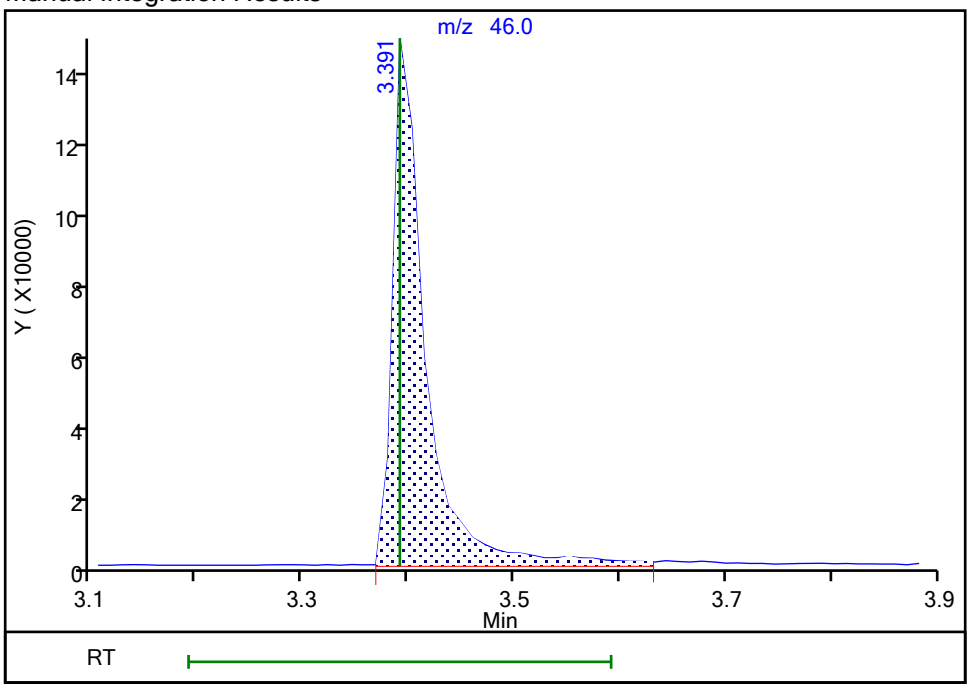
Processing Integration Results

RT: 3.39
Area: 295127
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 304823
Amount: 250.0000
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:12:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

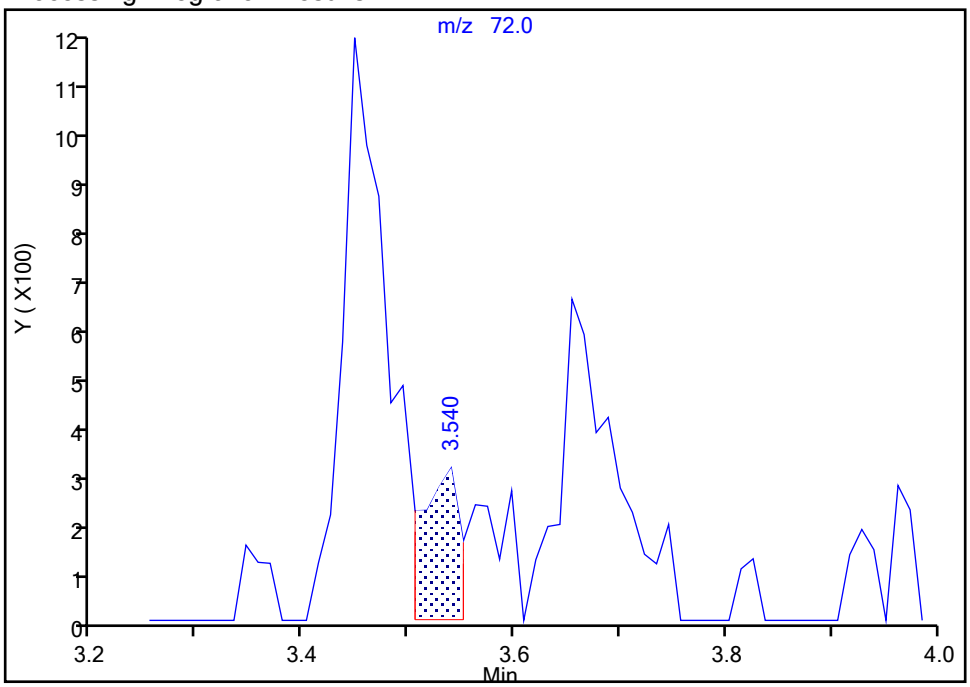
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

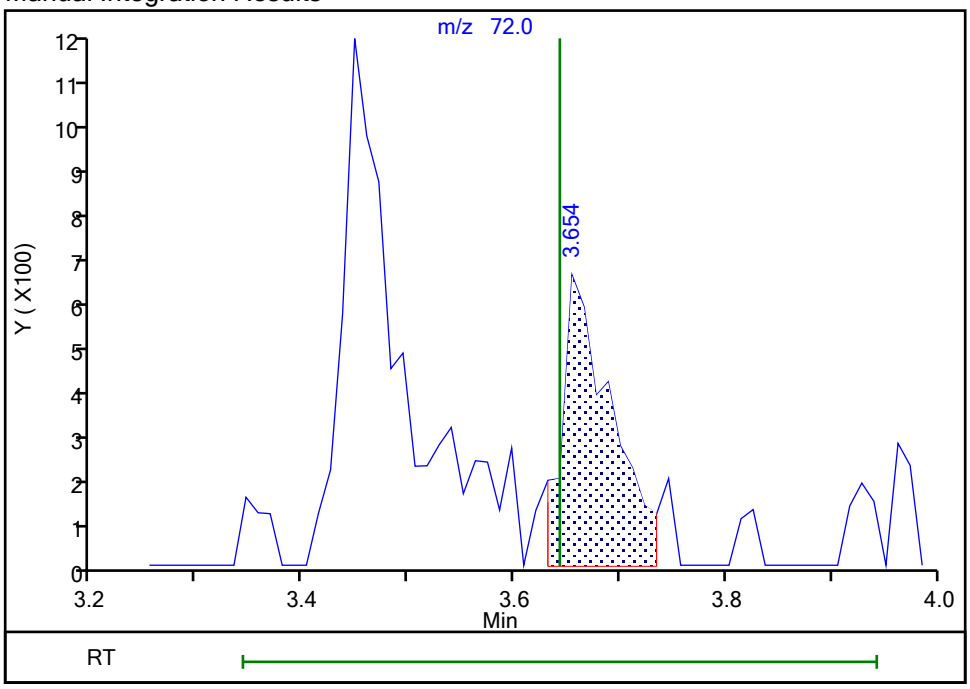
Processing Integration Results

RT: 3.54
Area: 794
Amount: 1.294169
Amount Units: ug/l



Manual Integration Results

RT: 3.65
Area: 2106
Amount: 2.573526
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:54:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

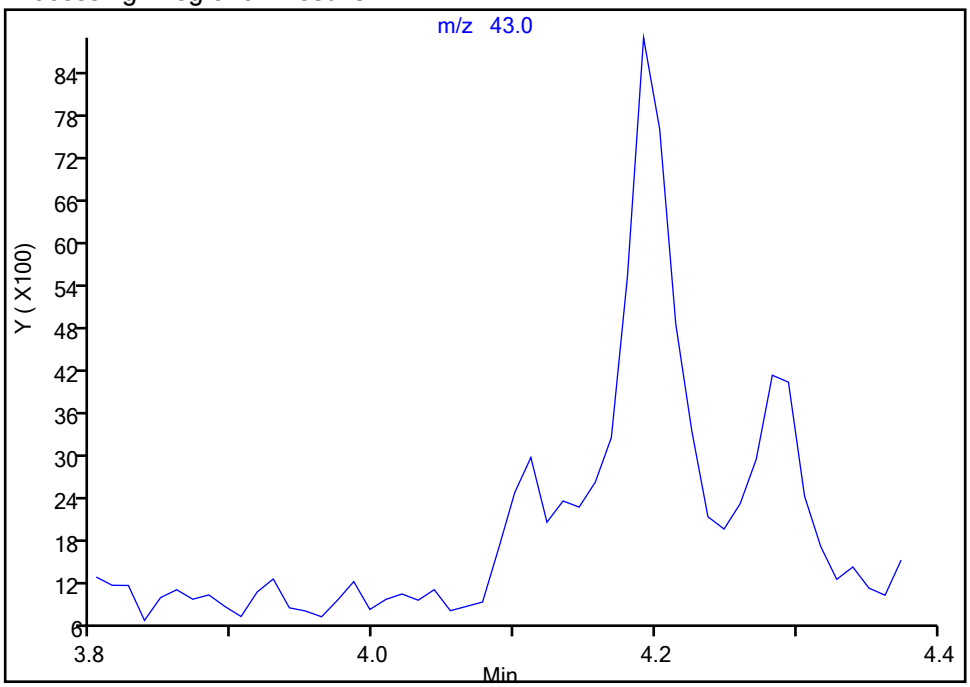
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

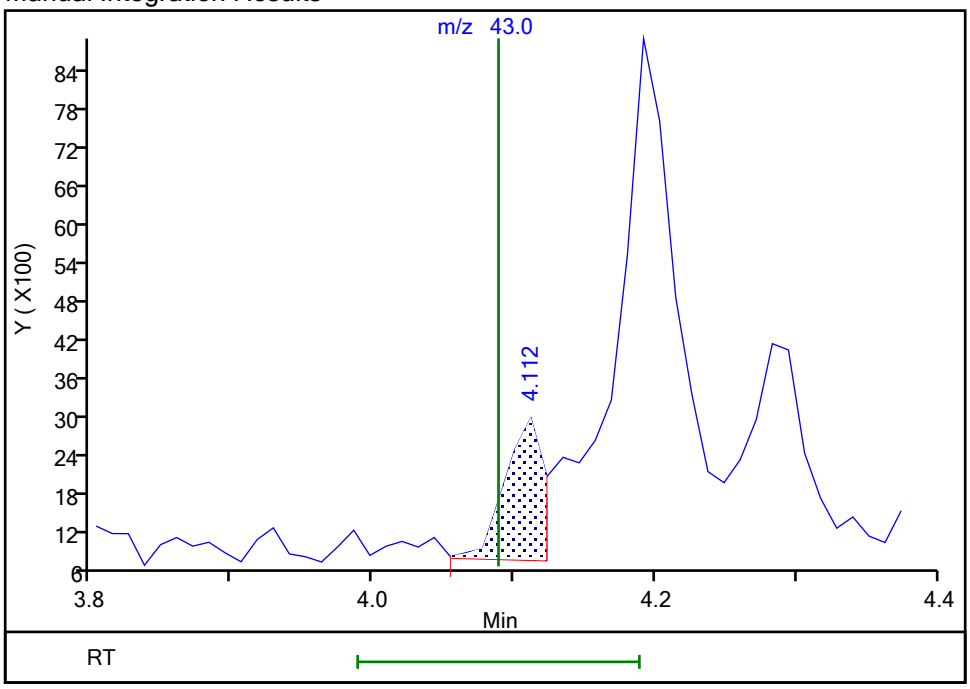
Not Detected
Expected RT: 4.09

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 4343
Amount: 12.430430
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:14:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

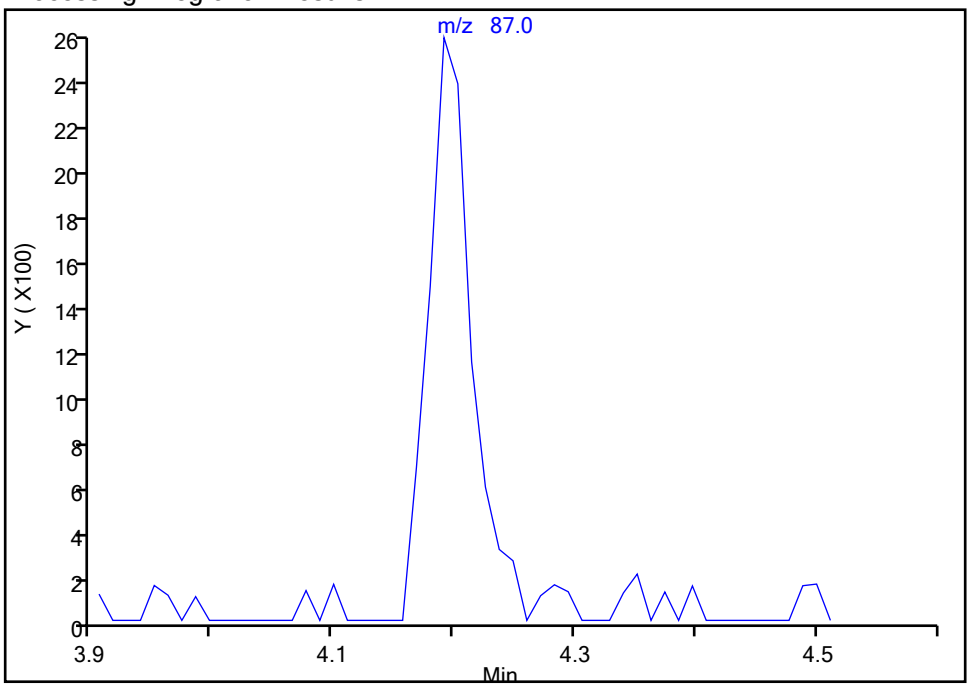
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

66 Isopropyl acetate, CAS: 108-21-4

Signal: 1

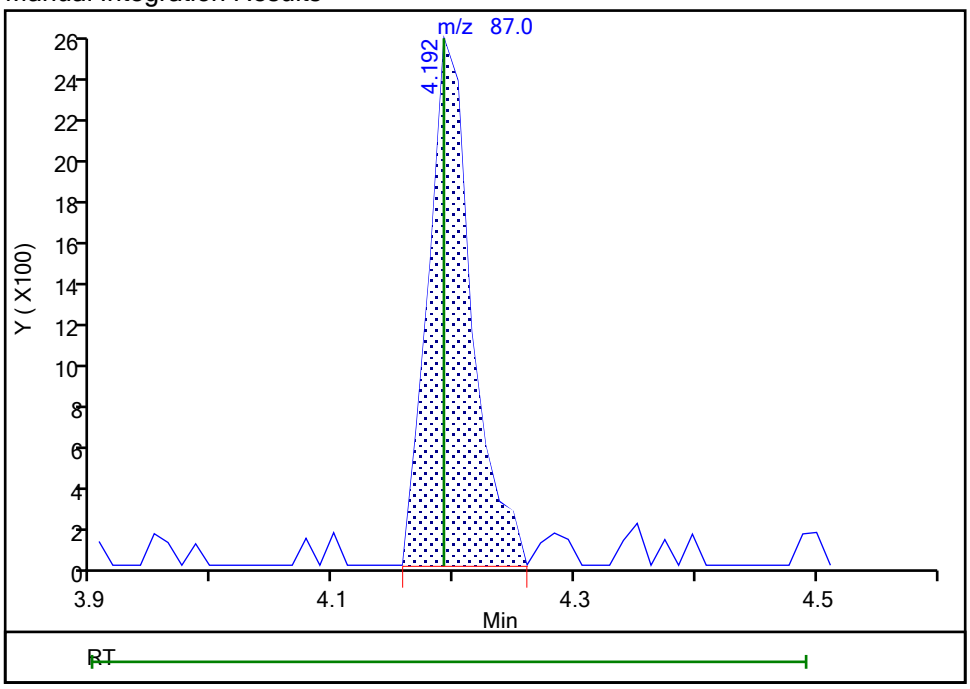
Not Detected
Expected RT: 4.19

Processing Integration Results



Manual Integration Results

RT: 4.19
Area: 6272
Amount: 1.091234
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 11:54:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

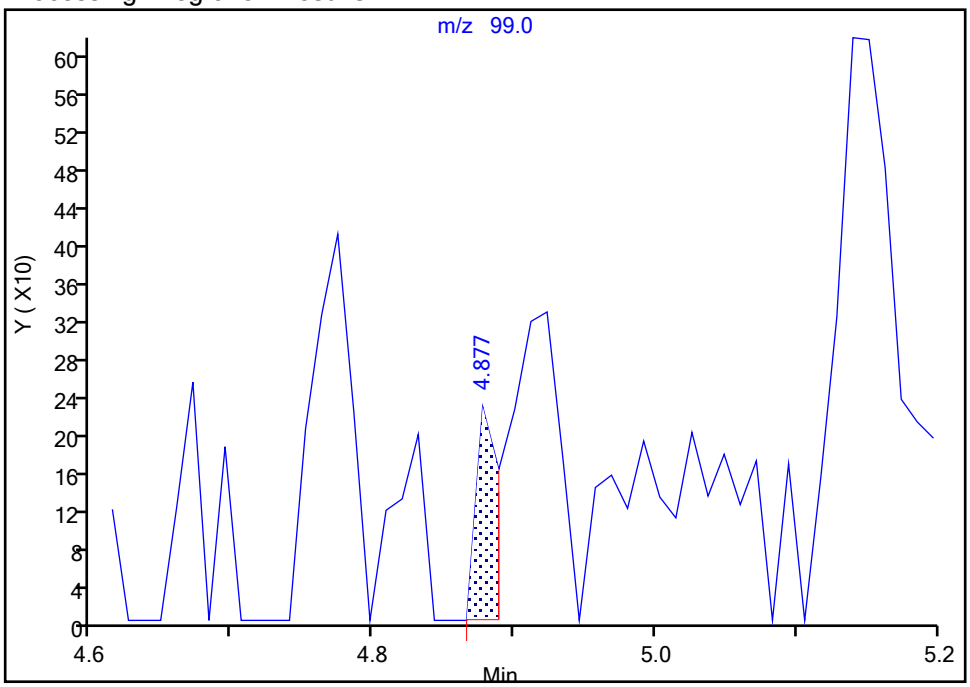
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

71 Ethyl acrylate, CAS: 140-88-5

Signal: 1

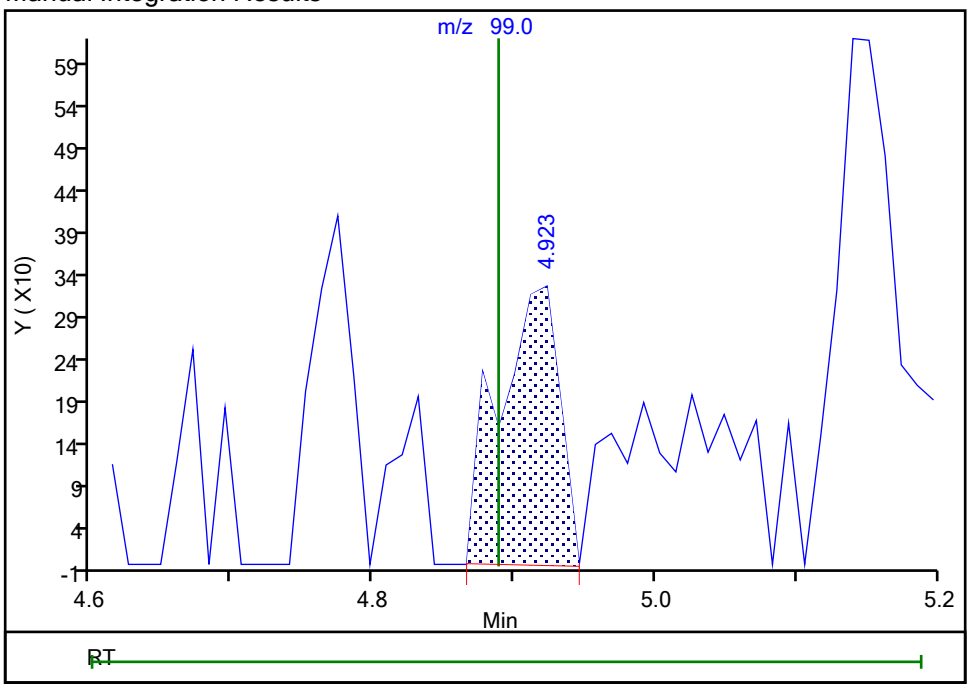
Processing Integration Results

RT: 4.88
Area: 263
Amount: 0.294747
Amount Units: ug/l



Manual Integration Results

RT: 4.92
Area: 970
Amount: 1.065690
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:14:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

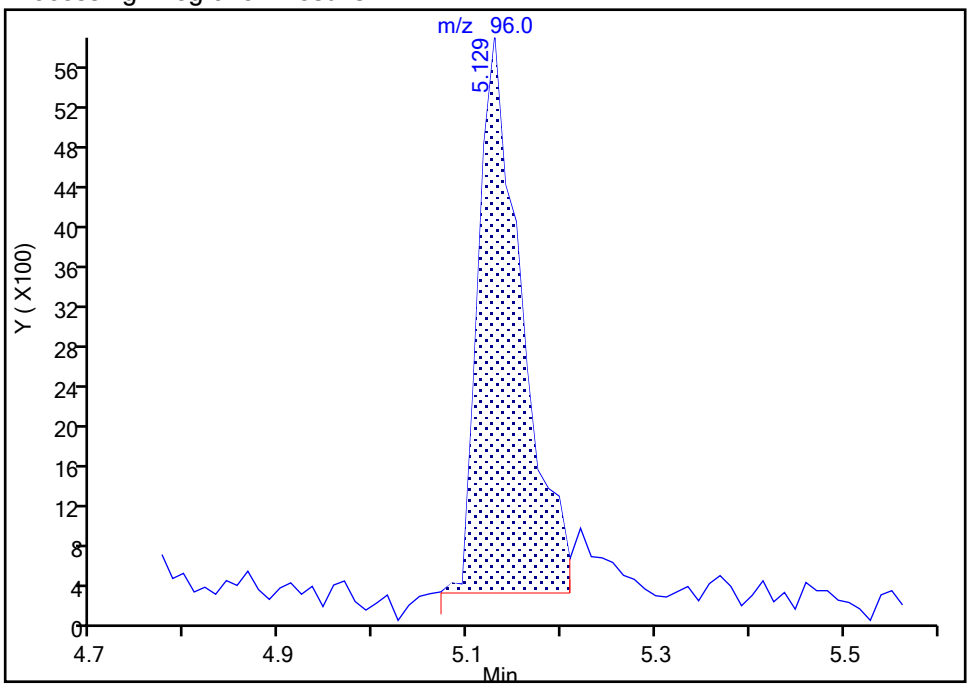
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

* 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

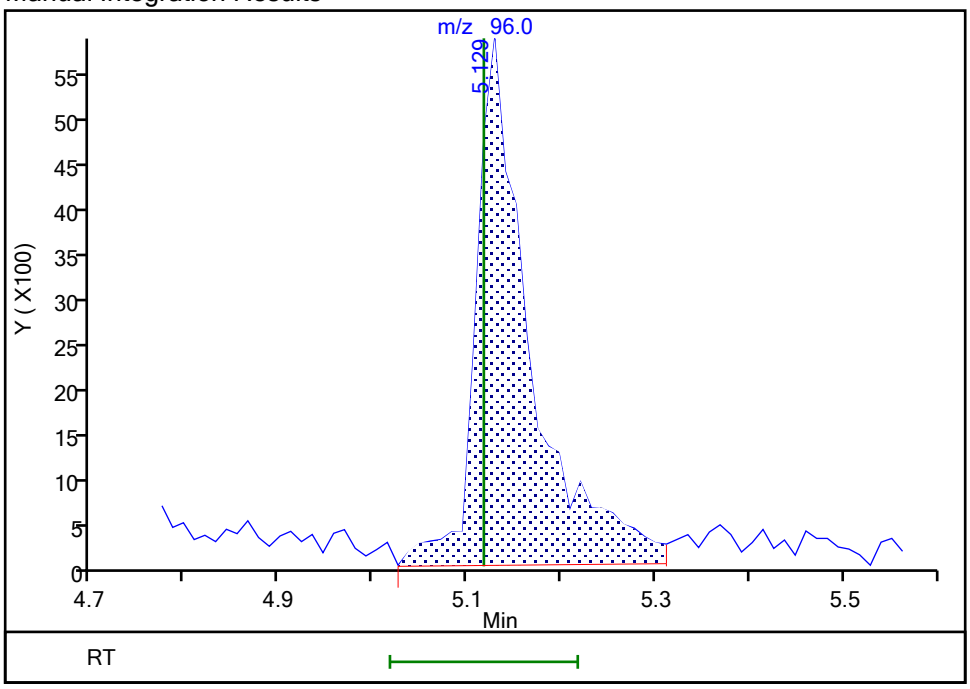
Processing Integration Results

RT: 5.13
Area: 17866
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 5.13
Area: 23888
Amount: 1000.0000
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:52:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

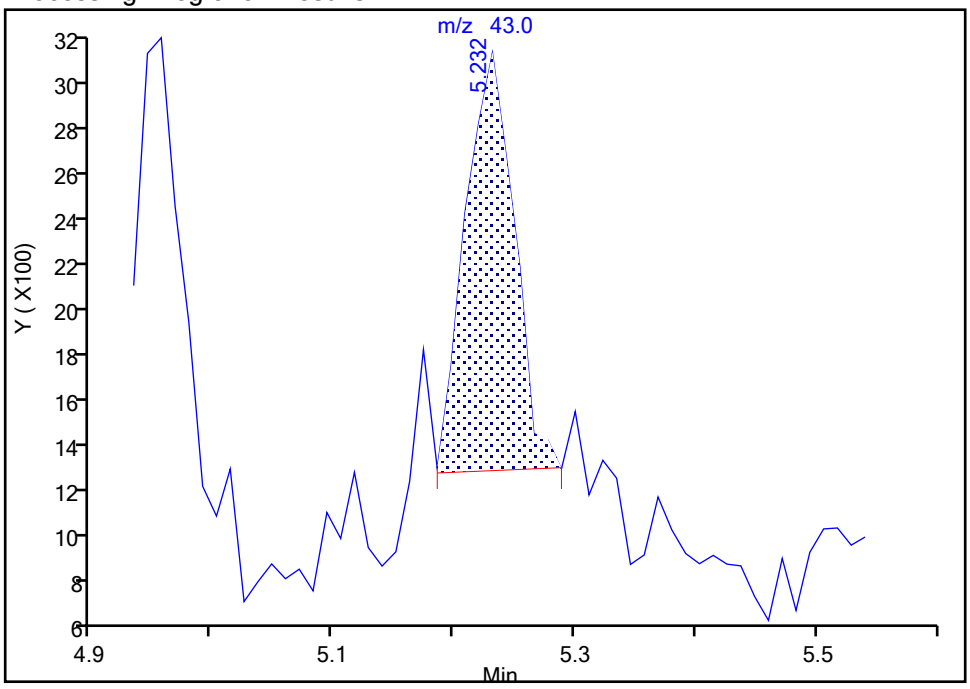
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

77 n-Propyl acetate, CAS: 109-60-4

Signal: 1

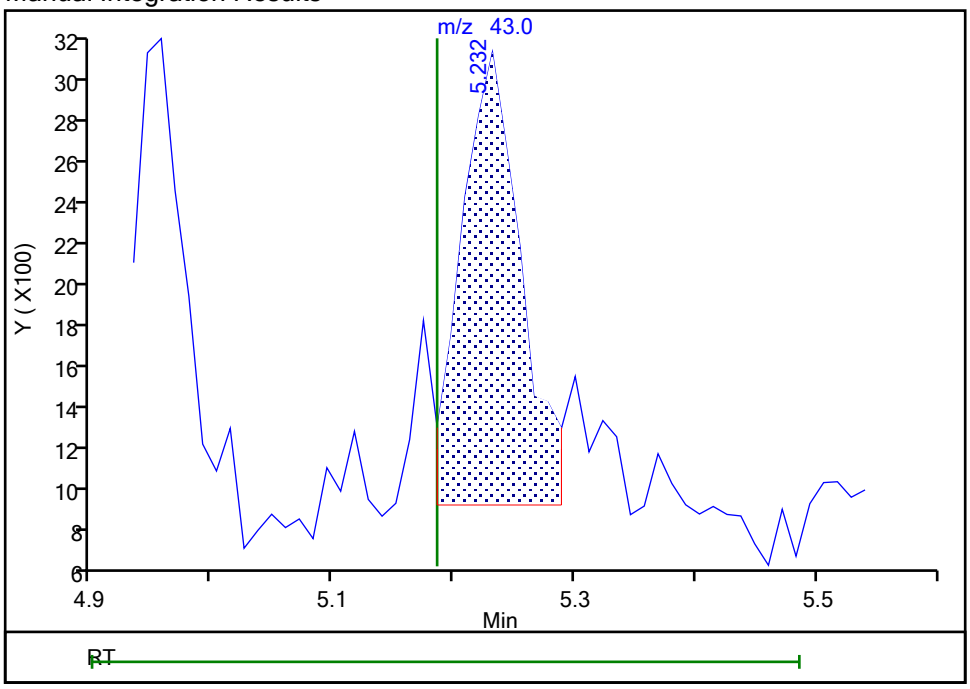
Processing Integration Results

RT: 5.23
Area: 4964
Amount: 0.521893
Amount Units: ug/l



Manual Integration Results

RT: 5.23
Area: 7323
Amount: 0.874867
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:54:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

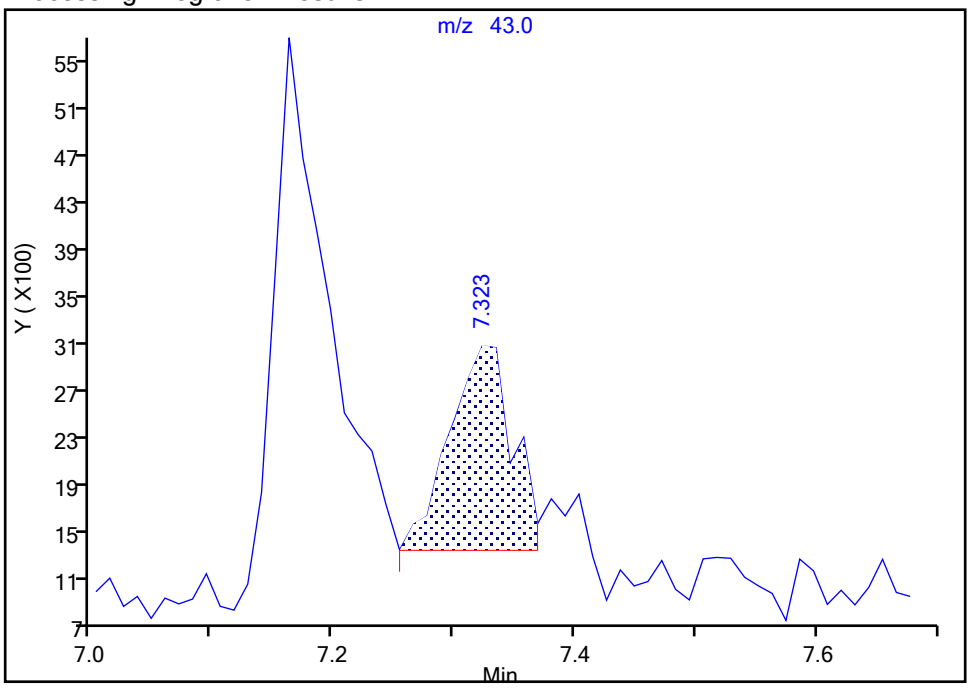
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

92 n-Butyl acetate, CAS: 123-86-4

Signal: 1

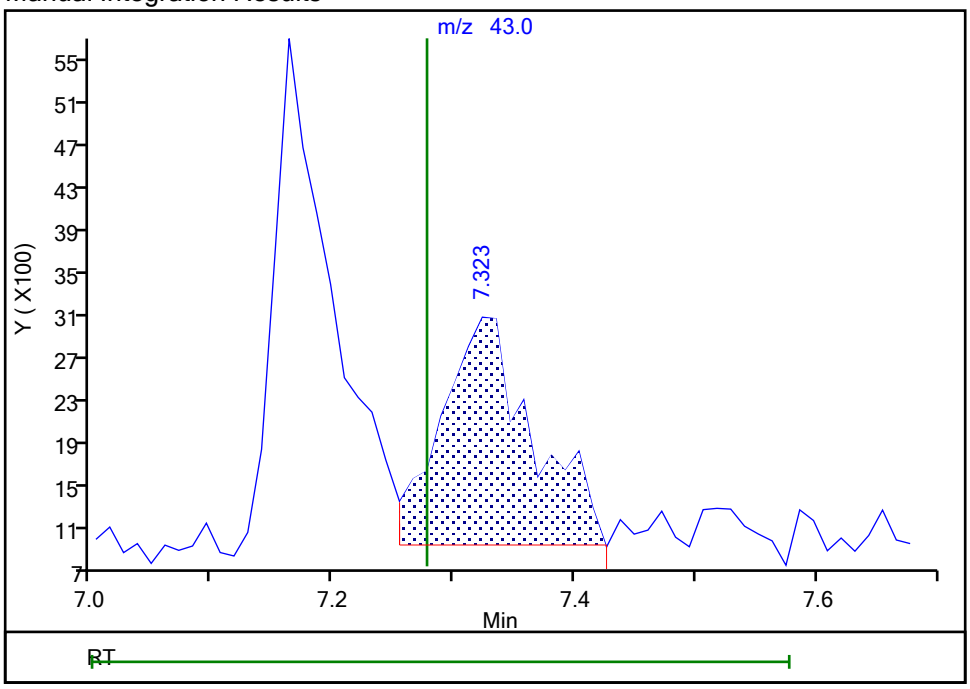
Processing Integration Results

RT: 7.32
Area: 6199
Amount: 0.613219
Amount Units: ug/l



Manual Integration Results

RT: 7.32
Area: 11123
Amount: 1.100359
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 12:55:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

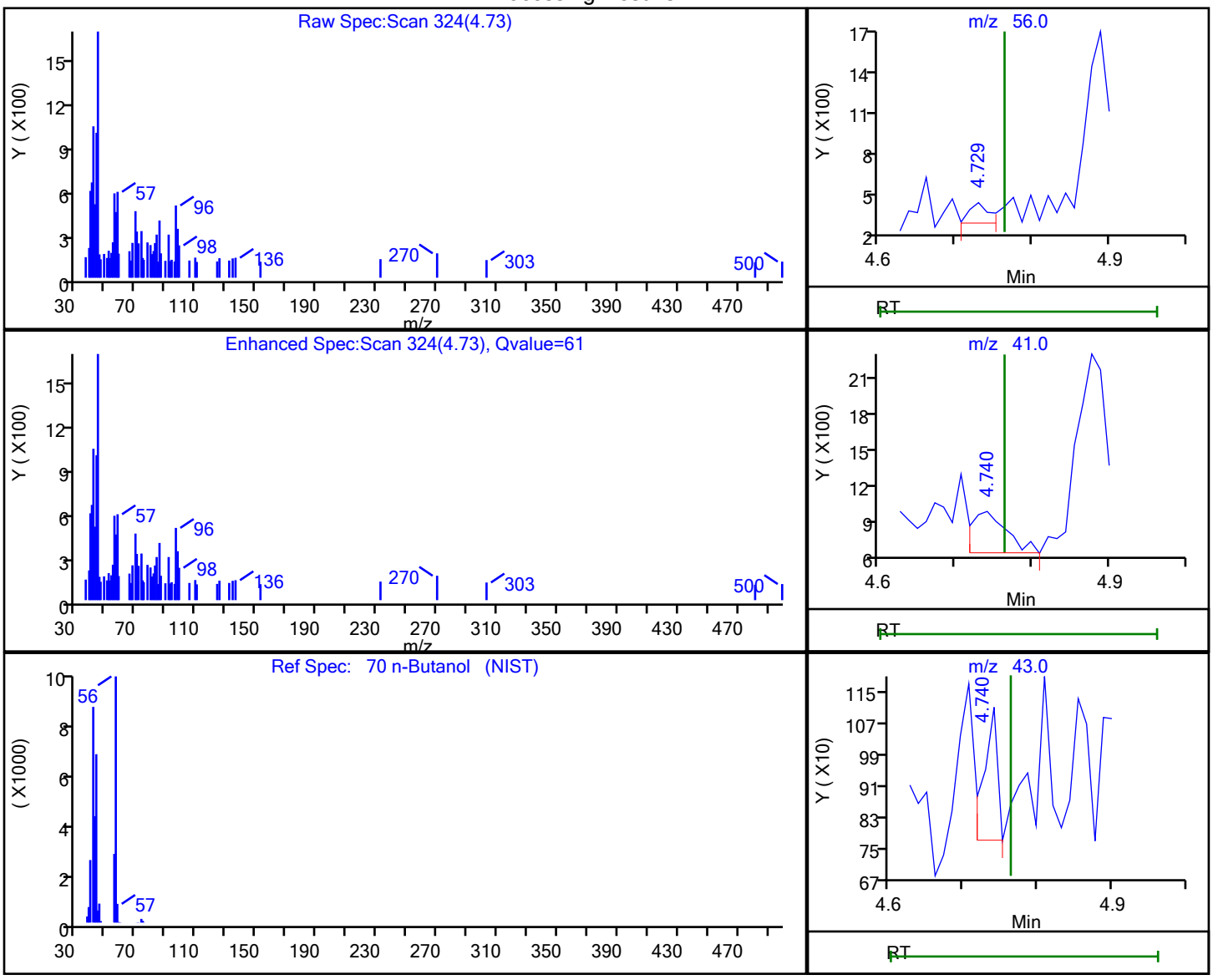
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D
Injection Date: 05-Jan-2024 09:04:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

70 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
4.73	56.00	239	3.087494
4.74	41.00	1039	
4.74	43.00	436	

Reviewer: W9CM, 05-Jan-2024 11:55:05 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

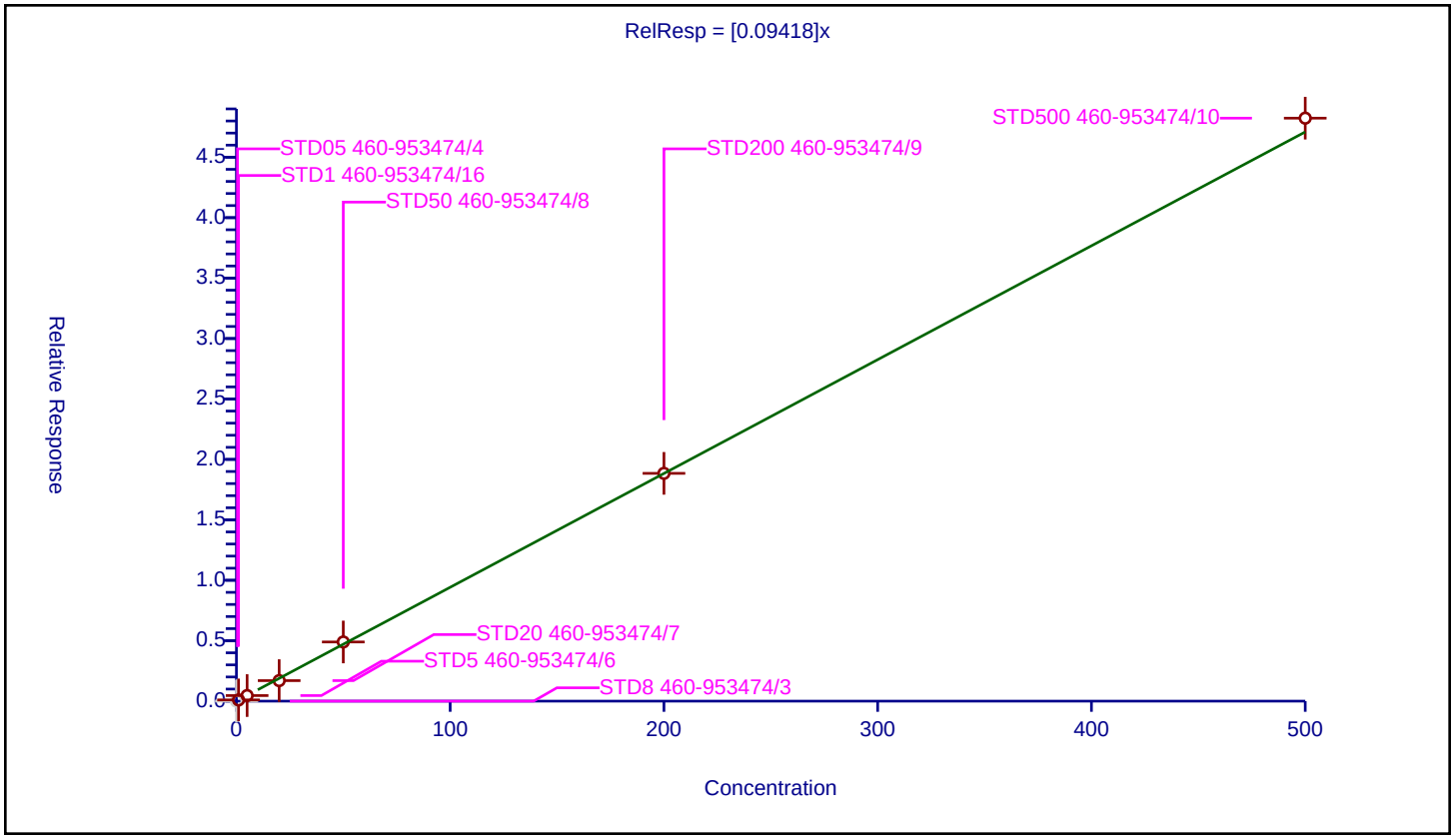
Curve Coefficients

Intercept:	0
Slope:	0.09418

Error Coefficients

Standard Error:	379000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.073875	50.0	638918.0	0.14775	N
3	STD1 460-953474/16	1.0	0.099372	50.0	681779.0	0.099372	Y
4	STD5 460-953474/6	5.0	0.460917	50.0	648815.0	0.092183	Y
5	STD20 460-953474/7	20.0	1.698554	50.0	684700.0	0.084928	Y
6	STD50 460-953474/8	50.0	4.896155	50.0	730900.0	0.097923	Y
7	STD200 460-953474/9	200.0	18.846357	50.0	791389.0	0.094232	Y
8	STD500 460-953474/10	500.0	48.232674	50.0	818751.0	0.096465	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

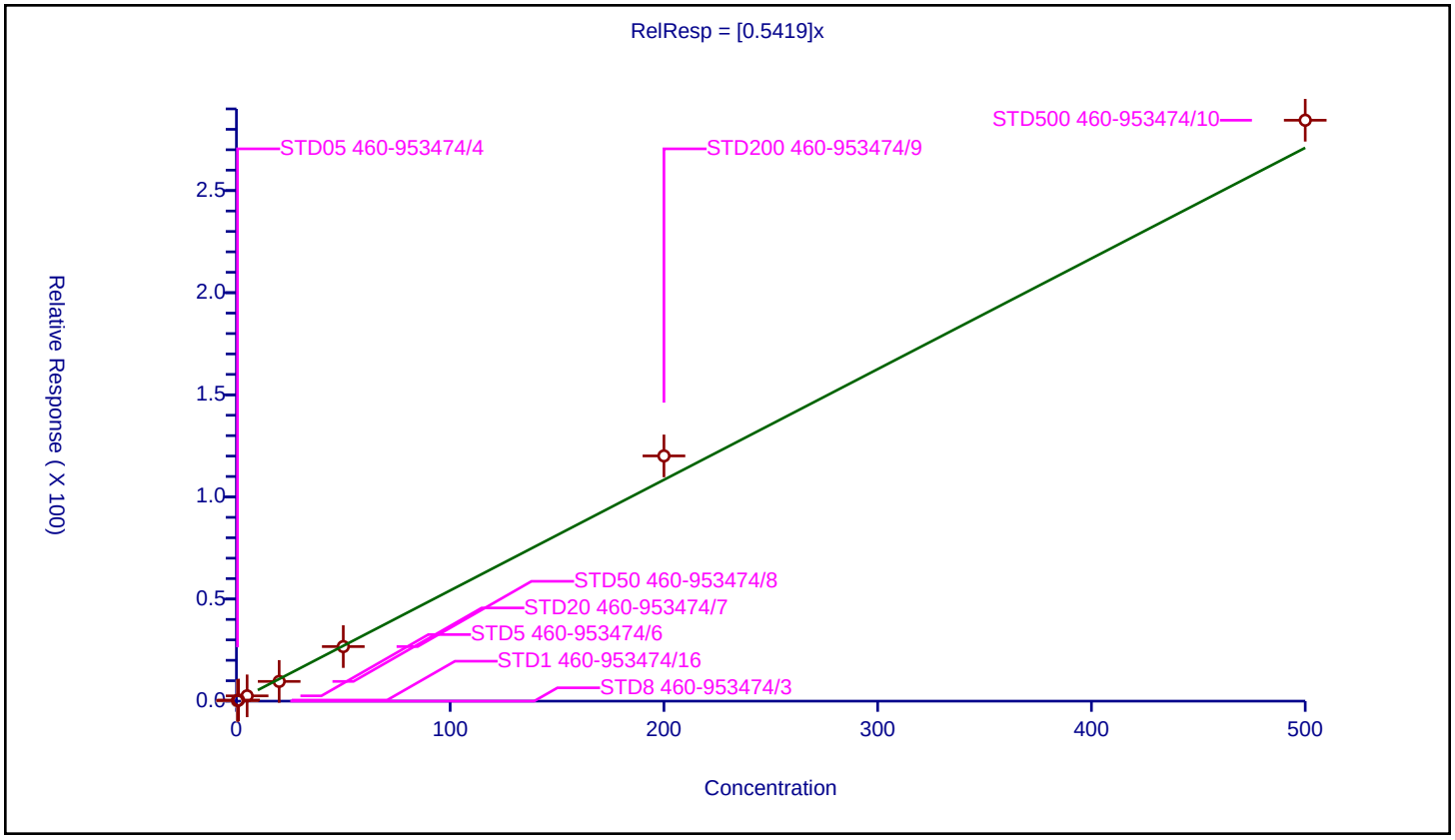
Curve Coefficients

Intercept:	0
Slope:	0.5419

Error Coefficients

Standard Error:	2060000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.281257	50.0	638918.0	0.562513	Y
3	STD1 460-953474/16	1.0	0.526857	50.0	681779.0	0.526857	Y
4	STD5 460-953474/6	5.0	2.587872	50.0	648815.0	0.517574	Y
5	STD20 460-953474/7	20.0	9.652914	50.0	684700.0	0.482646	Y
6	STD50 460-953474/8	50.0	26.716445	50.0	730900.0	0.534329	Y
7	STD200 460-953474/9	200.0	120.083297	50.0	791389.0	0.600416	Y
8	STD500 460-953474/10	500.0	284.442523	50.0	818751.0	0.568885	Y



Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

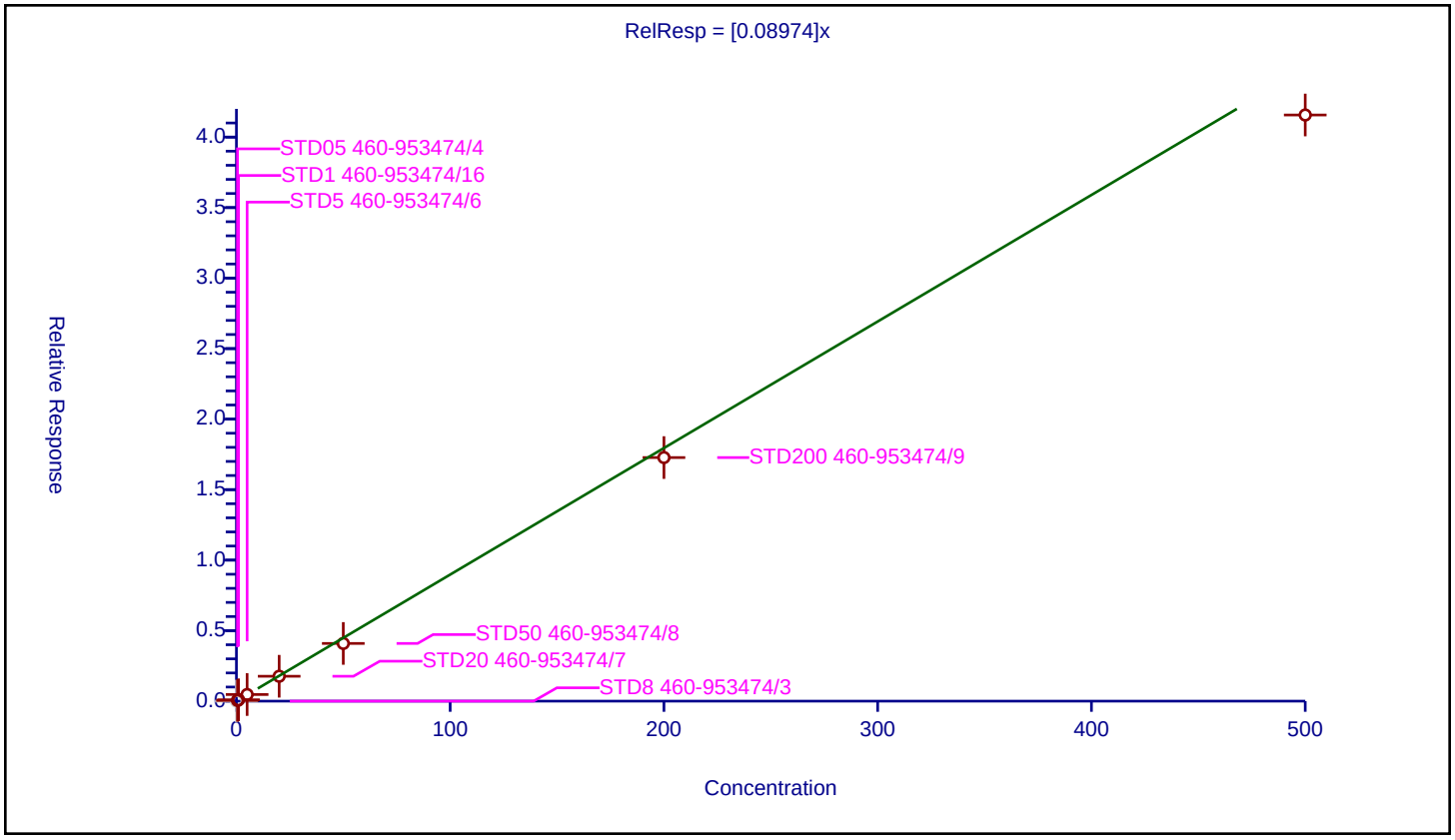
Curve Coefficients

Intercept:	0
Slope:	0.08974

Error Coefficients

Standard Error:	301000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.049928	50.0	638918.0	0.099856	Y
3	STD1 460-953474/16	1.0	0.095045	50.0	681779.0	0.095045	Y
4	STD5 460-953474/6	5.0	0.468547	50.0	648815.0	0.093709	Y
5	STD20 460-953474/7	20.0	1.764568	50.0	684700.0	0.088228	Y
6	STD50 460-953474/8	50.0	4.09201	50.0	730900.0	0.08184	Y
7	STD200 460-953474/9	200.0	17.273174	50.0	791389.0	0.086366	Y
8	STD500 460-953474/10	500.0	41.567339	50.0	818751.0	0.083135	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

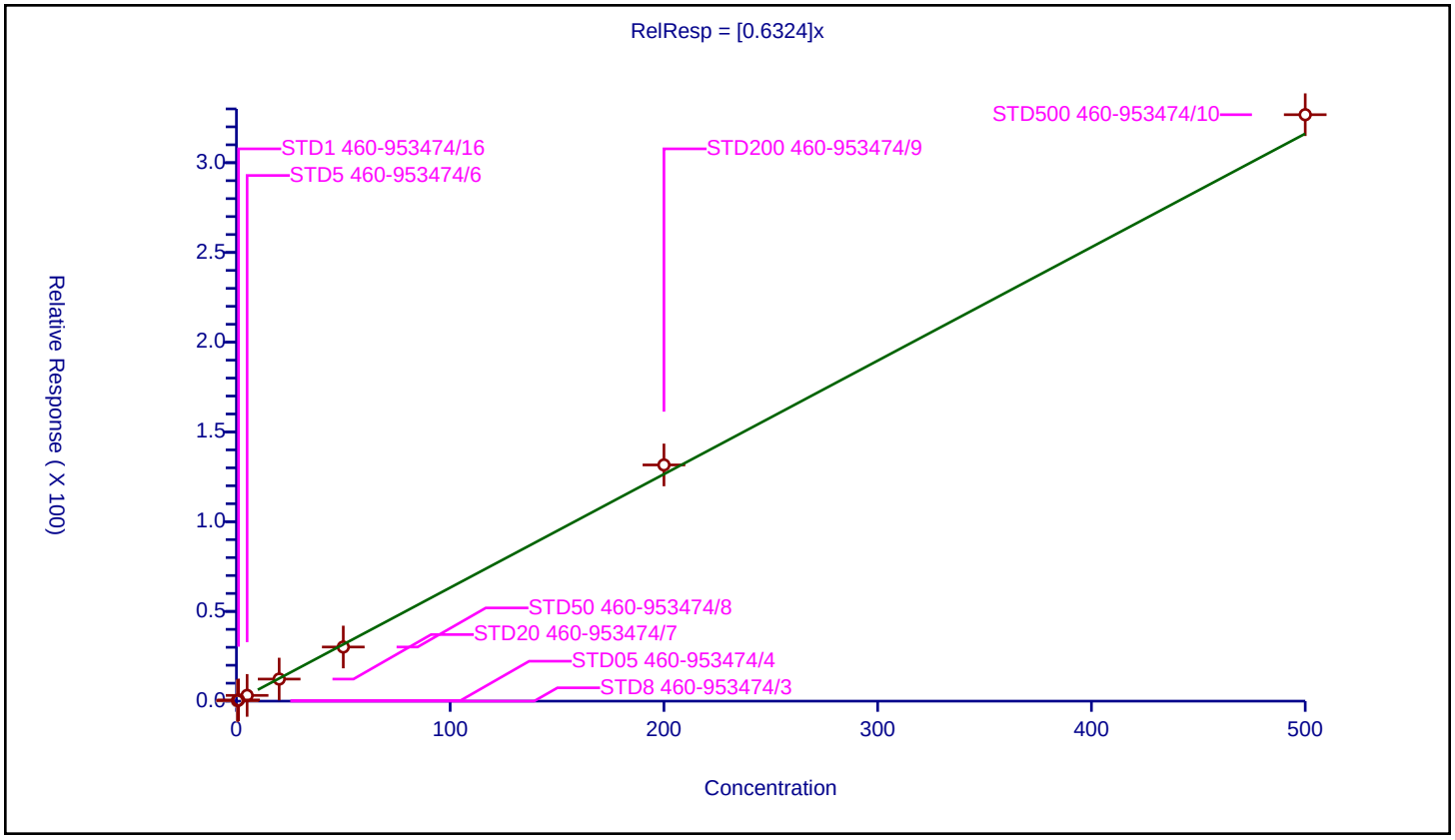
Curve Coefficients

Intercept:	0
Slope:	0.6324

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.299882	50.0	638918.0	0.599764	Y
3	STD1 460-953474/16	1.0	0.658645	50.0	681779.0	0.658645	Y
4	STD5 460-953474/6	5.0	3.192127	50.0	648815.0	0.638425	Y
5	STD20 460-953474/7	20.0	12.298379	50.0	684700.0	0.614919	Y
6	STD50 460-953474/8	50.0	30.164318	50.0	730900.0	0.603286	Y
7	STD200 460-953474/9	200.0	131.608792	50.0	791389.0	0.658044	Y
8	STD500 460-953474/10	500.0	326.763815	50.0	818751.0	0.653528	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

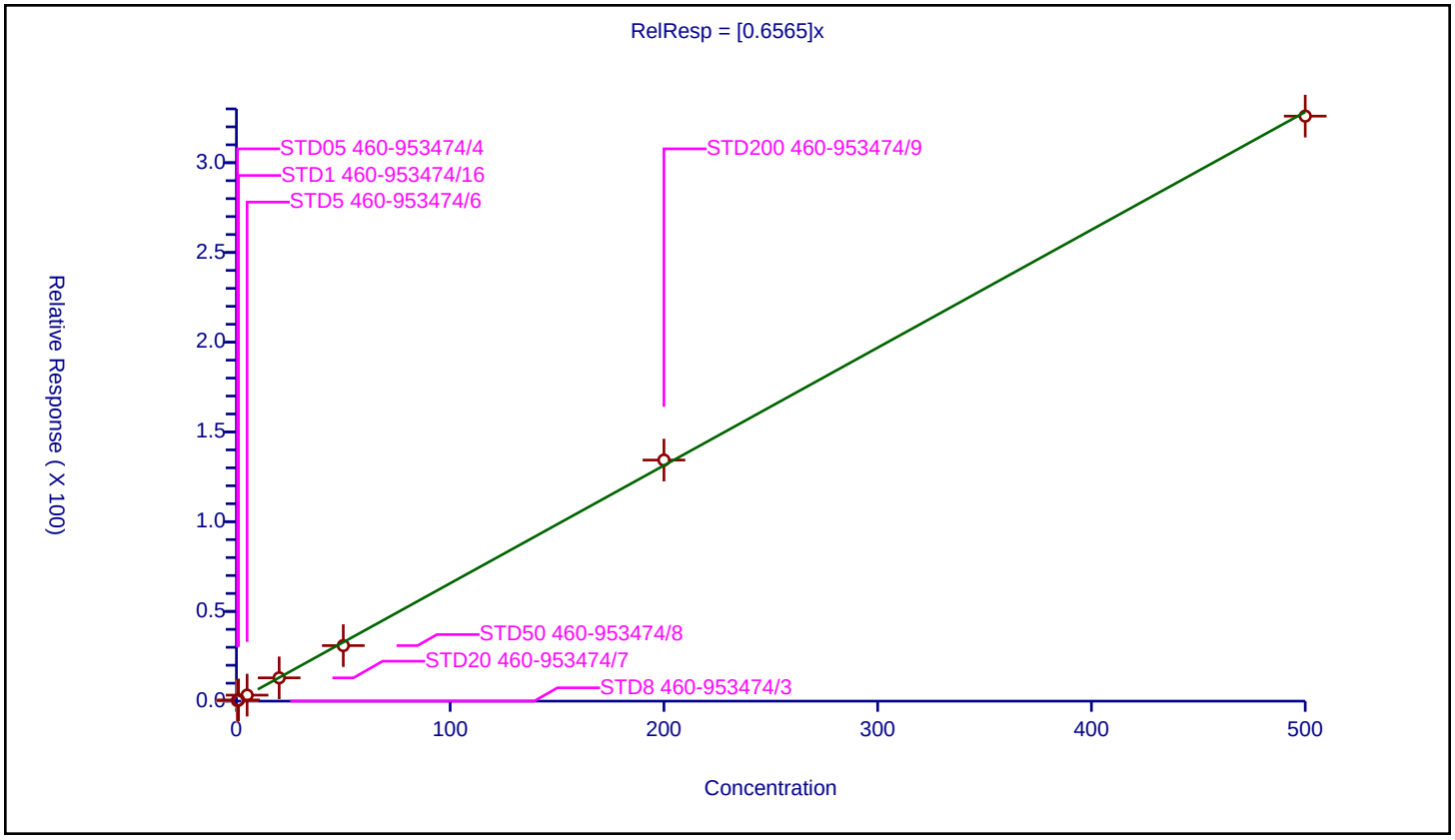
Curve Coefficients

Intercept:	0
Slope:	0.6565

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.33588	50.0	638918.0	0.671761	Y
3	STD1 460-953474/16	1.0	0.662458	50.0	681779.0	0.662458	Y
4	STD5 460-953474/6	5.0	3.351572	50.0	648815.0	0.670314	Y
5	STD20 460-953474/7	20.0	12.972105	50.0	684700.0	0.648605	Y
6	STD50 460-953474/8	50.0	30.953824	50.0	730900.0	0.619076	Y
7	STD200 460-953474/9	200.0	134.331599	50.0	791389.0	0.671658	Y
8	STD500 460-953474/10	500.0	325.967907	50.0	818751.0	0.651936	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

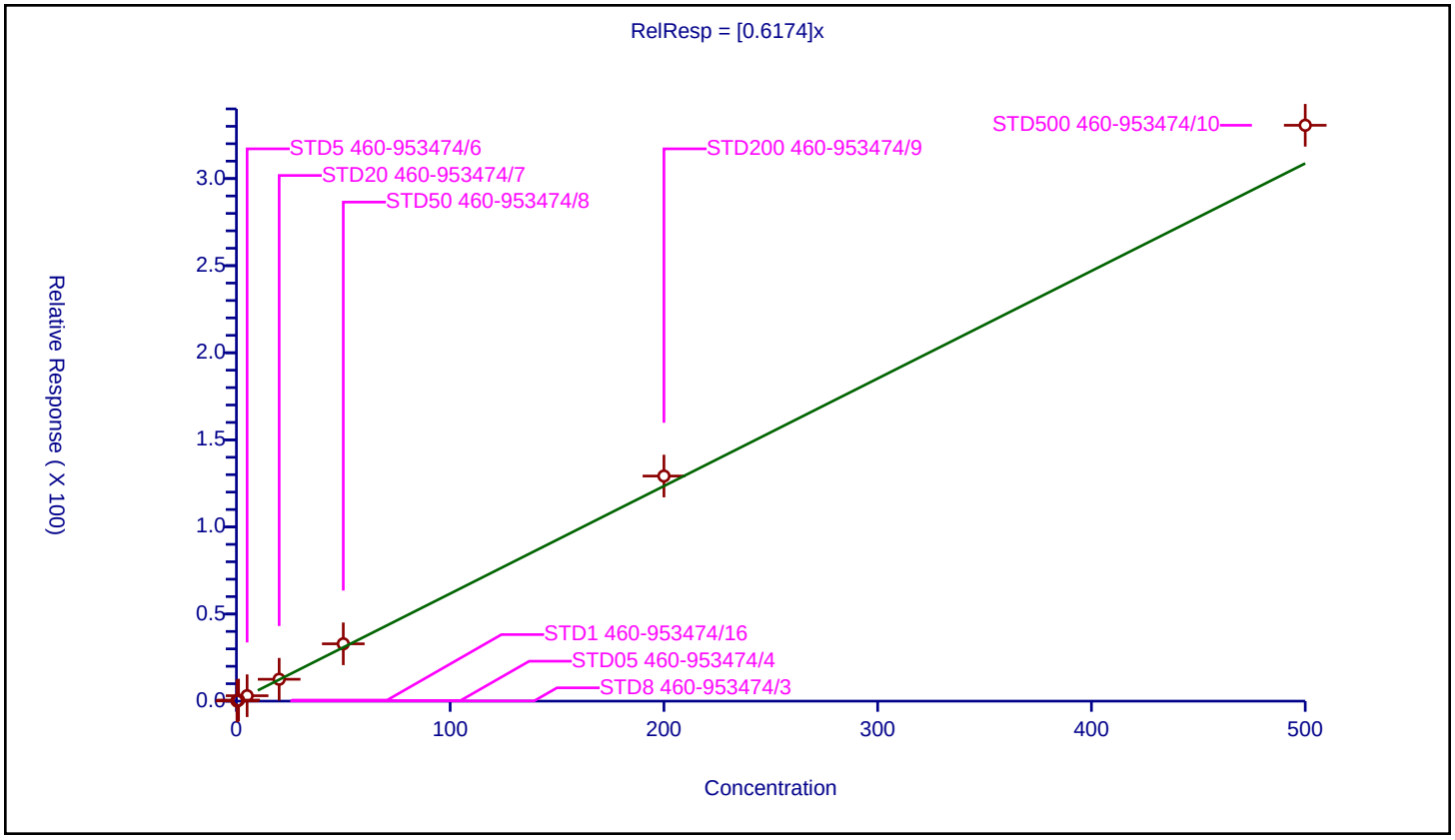
Curve Coefficients

Intercept:	0
Slope:	0.6174

Error Coefficients

Standard Error:	2200000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.133464	50.0	636877.0	0.533855	Y
2	STD05 460-953474/4	0.5	0.294013	50.0	638918.0	0.588025	Y
3	STD1 460-953474/16	1.0	0.602101	50.0	681779.0	0.602101	Y
4	STD5 460-953474/6	5.0	3.105508	50.0	648815.0	0.621102	Y
5	STD20 460-953474/7	20.0	12.567256	50.0	684700.0	0.628363	Y
6	STD50 460-953474/8	50.0	32.91832	50.0	730900.0	0.658366	Y
7	STD200 460-953474/9	200.0	129.231832	50.0	791389.0	0.646159	Y
8	STD500 460-953474/10	500.0	330.601673	50.0	818751.0	0.661203	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

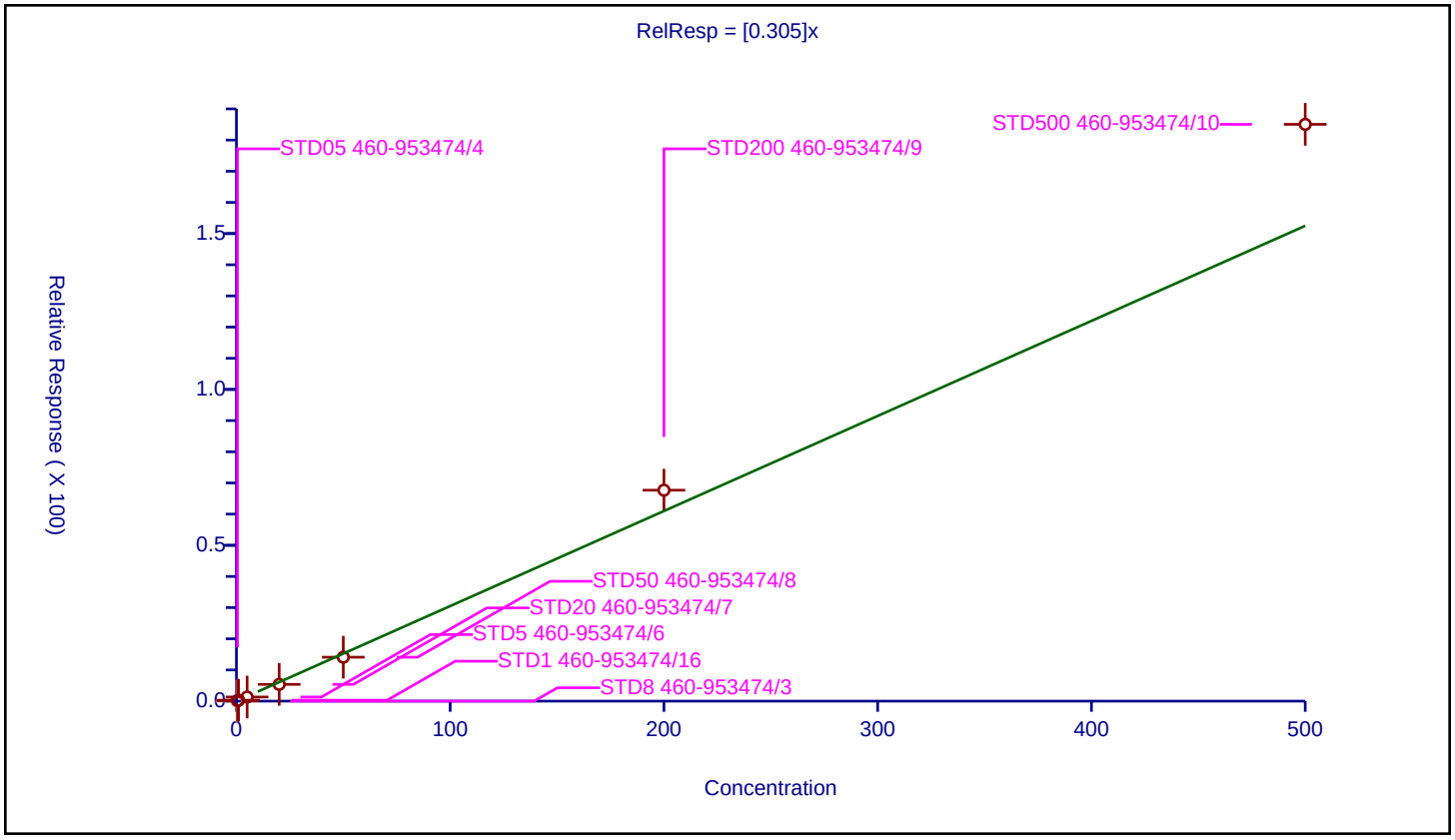
Curve Coefficients

Intercept:	0
Slope:	0.305

Error Coefficients

Standard Error:	1320000
Relative Standard Error:	12.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.154636	50.0	638918.0	0.309273	Y
3	STD1 460-953474/16	1.0	0.302957	50.0	681779.0	0.302957	Y
4	STD5 460-953474/6	5.0	1.317864	50.0	648815.0	0.263573	Y
5	STD20 460-953474/7	20.0	5.374617	50.0	684700.0	0.268731	Y
6	STD50 460-953474/8	50.0	14.090163	50.0	730900.0	0.281803	Y
7	STD200 460-953474/9	200.0	67.675315	50.0	791389.0	0.338377	Y
8	STD500 460-953474/10	500.0	185.043743	50.0	818751.0	0.370087	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

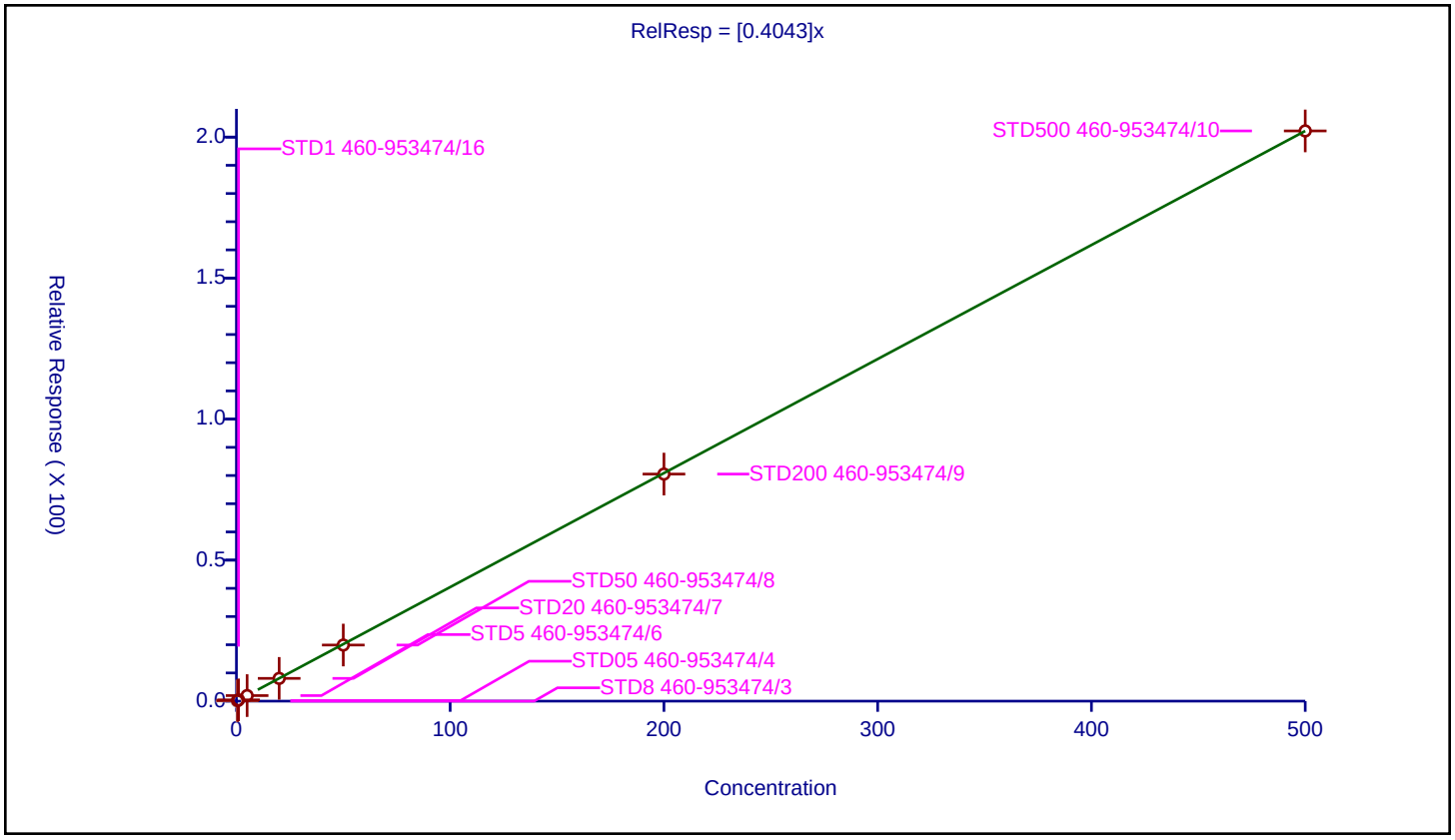
Curve Coefficients

Intercept:	0
Slope:	0.4043

Error Coefficients

Standard Error:	1450000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.187583	50.0	638918.0	0.375166	Y
3	STD1 460-953474/16	1.0	0.452859	50.0	681779.0	0.452859	Y
4	STD5 460-953474/6	5.0	1.970438	50.0	648815.0	0.394088	Y
5	STD20 460-953474/7	20.0	8.069227	50.0	684700.0	0.403461	Y
6	STD50 460-953474/8	50.0	19.891982	50.0	730900.0	0.39784	Y
7	STD200 460-953474/9	200.0	80.512555	50.0	791389.0	0.402563	Y
8	STD500 460-953474/10	500.0	202.188333	50.0	818751.0	0.404377	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

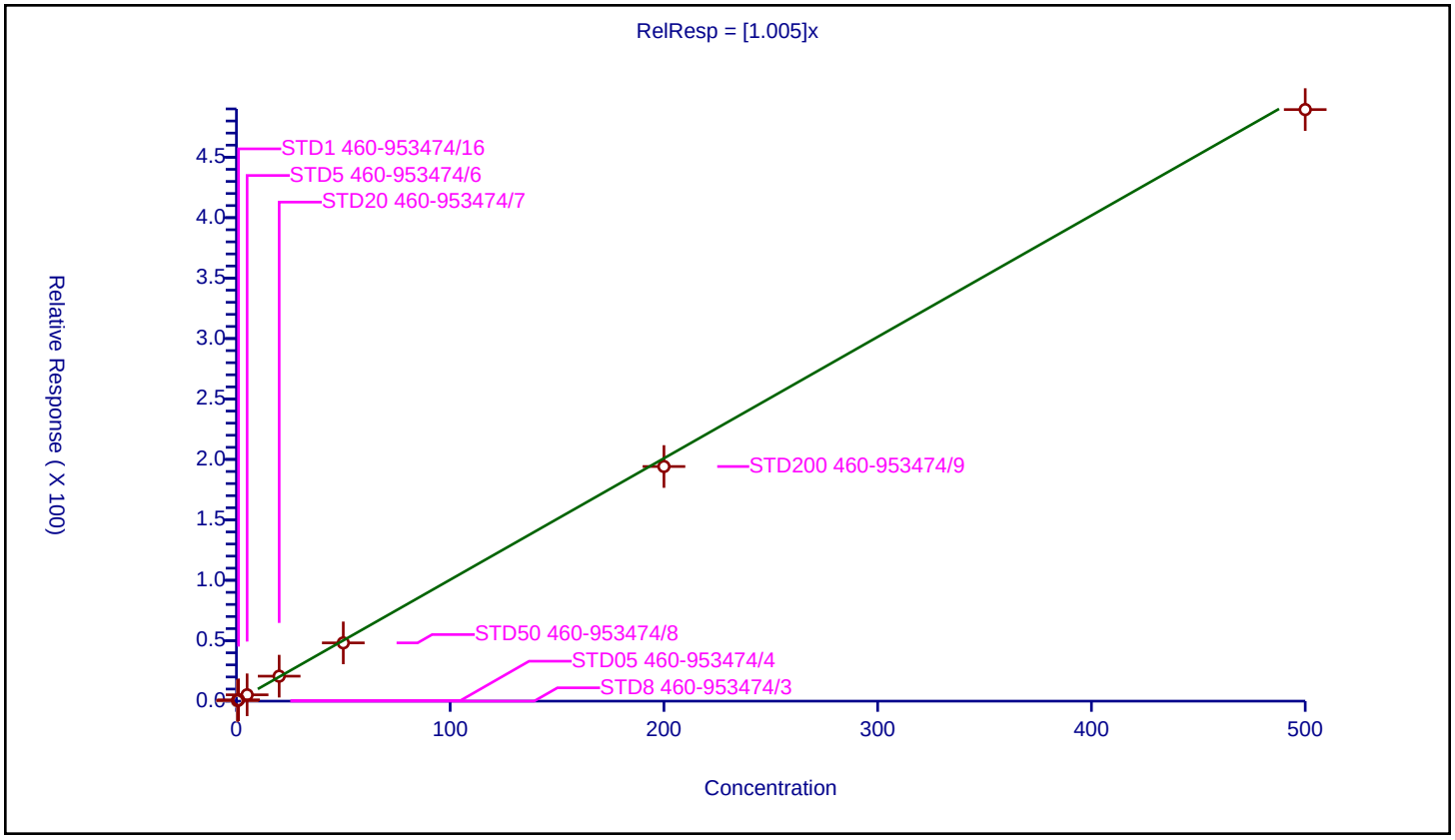
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	3520000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.482535	50.0	638918.0	0.965069	Y
3	STD1 460-953474/16	1.0	1.071315	50.0	681779.0	1.071315	Y
4	STD5 460-953474/6	5.0	5.242712	50.0	648815.0	1.048542	Y
5	STD20 460-953474/7	20.0	20.664379	50.0	684700.0	1.033219	Y
6	STD50 460-953474/8	50.0	48.212067	50.0	730900.0	0.964241	Y
7	STD200 460-953474/9	200.0	194.119896	50.0	791389.0	0.970599	Y
8	STD500 460-953474/10	500.0	489.432563	50.0	818751.0	0.978865	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

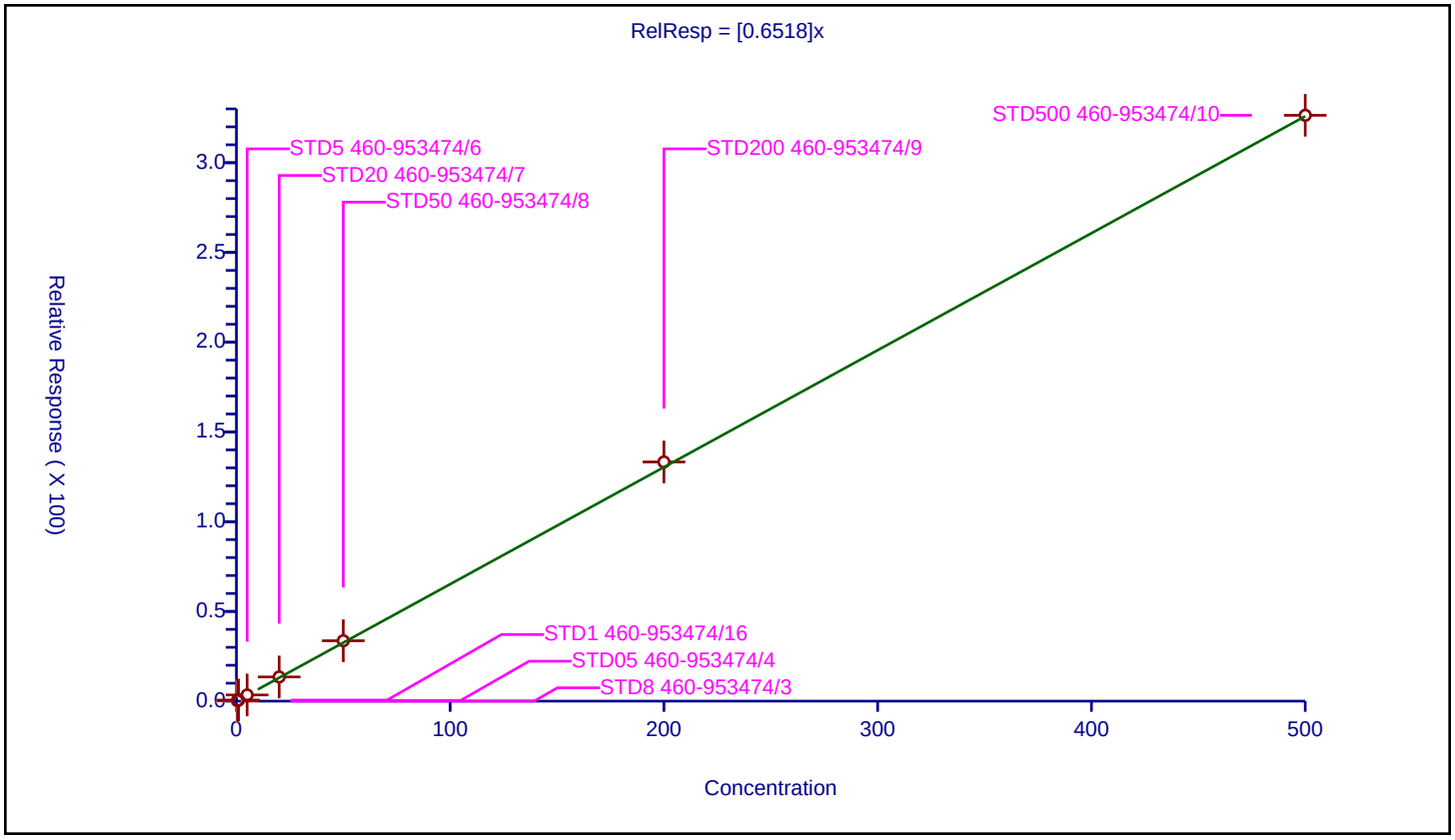
Curve Coefficients

Intercept:	0
Slope:	0.6518

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.25	0.0	50.0	636877.0	0.0	N
2	STD05 460-953474/4	0.5	0.303795	50.0	638918.0	0.60759	Y
3	STD1 460-953474/16	1.0	0.599314	50.0	681779.0	0.599314	Y
4	STD5 460-953474/6	5.0	3.447516	50.0	648815.0	0.689503	Y
5	STD20 460-953474/7	20.0	13.48189	50.0	684700.0	0.674094	Y
6	STD50 460-953474/8	50.0	33.648858	50.0	730900.0	0.672977	Y
7	STD200 460-953474/9	200.0	133.273144	50.0	791389.0	0.666366	Y
8	STD500 460-953474/10	500.0	326.427449	50.0	818751.0	0.652855	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

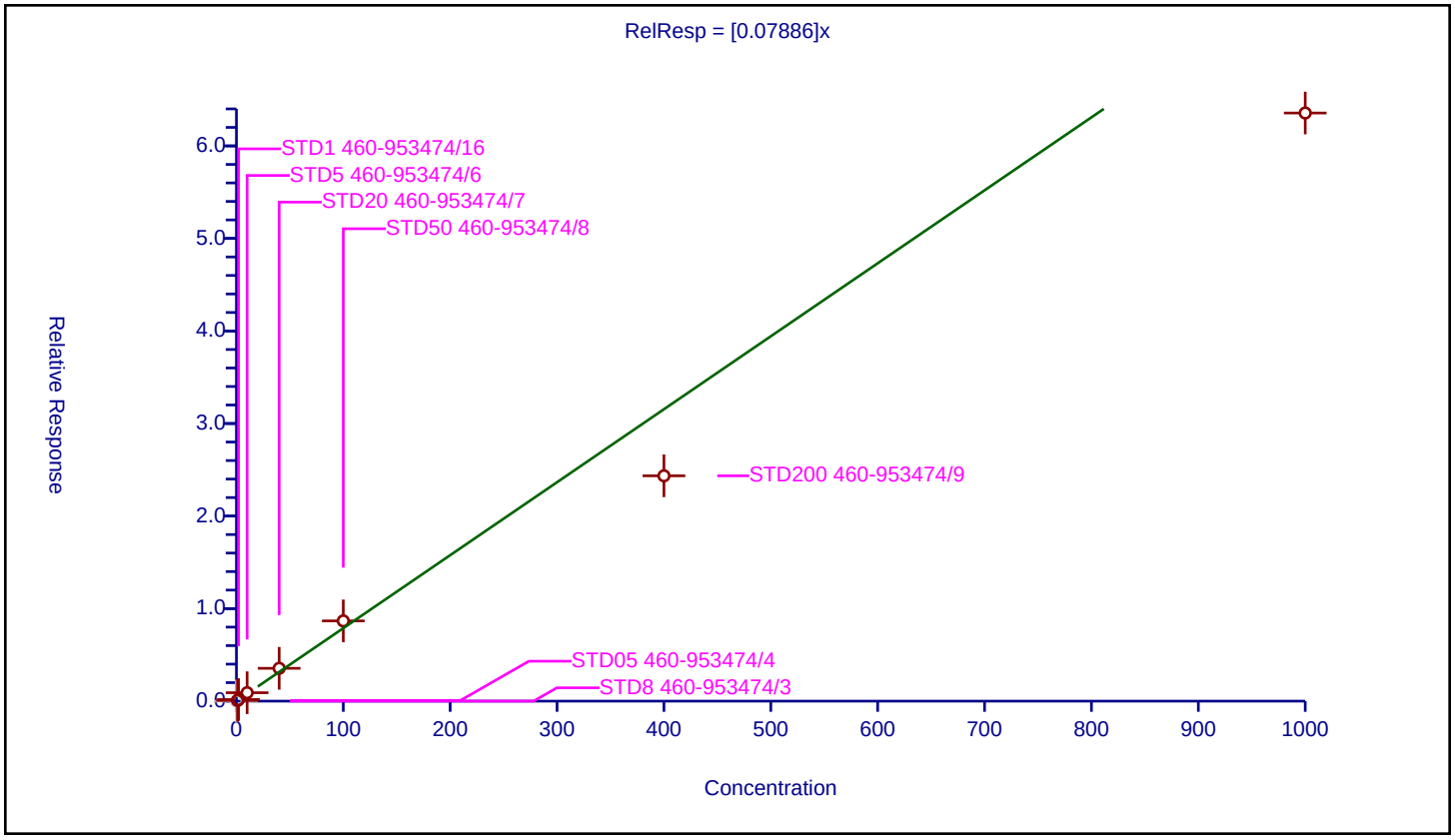
Curve Coefficients

Intercept:	0
Slope:	0.07886

Error Coefficients

Standard Error:	456000
Relative Standard Error:	16.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	1.0	0.073327	50.0	638918.0	0.073327	Y
3	STD1 460-953474/16	2.0	0.175423	50.0	681779.0	0.087712	Y
4	STD5 460-953474/6	10.0	0.911739	50.0	648815.0	0.091174	Y
5	STD20 460-953474/7	40.0	3.547393	50.0	684700.0	0.088685	Y
6	STD50 460-953474/8	100.0	8.670133	50.0	730900.0	0.086701	Y
7	STD200 460-953474/9	400.0	24.349467	50.0	791389.0	0.060874	Y
8	STD500 460-953474/10	1000.0	63.555098	50.0	818751.0	0.063555	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

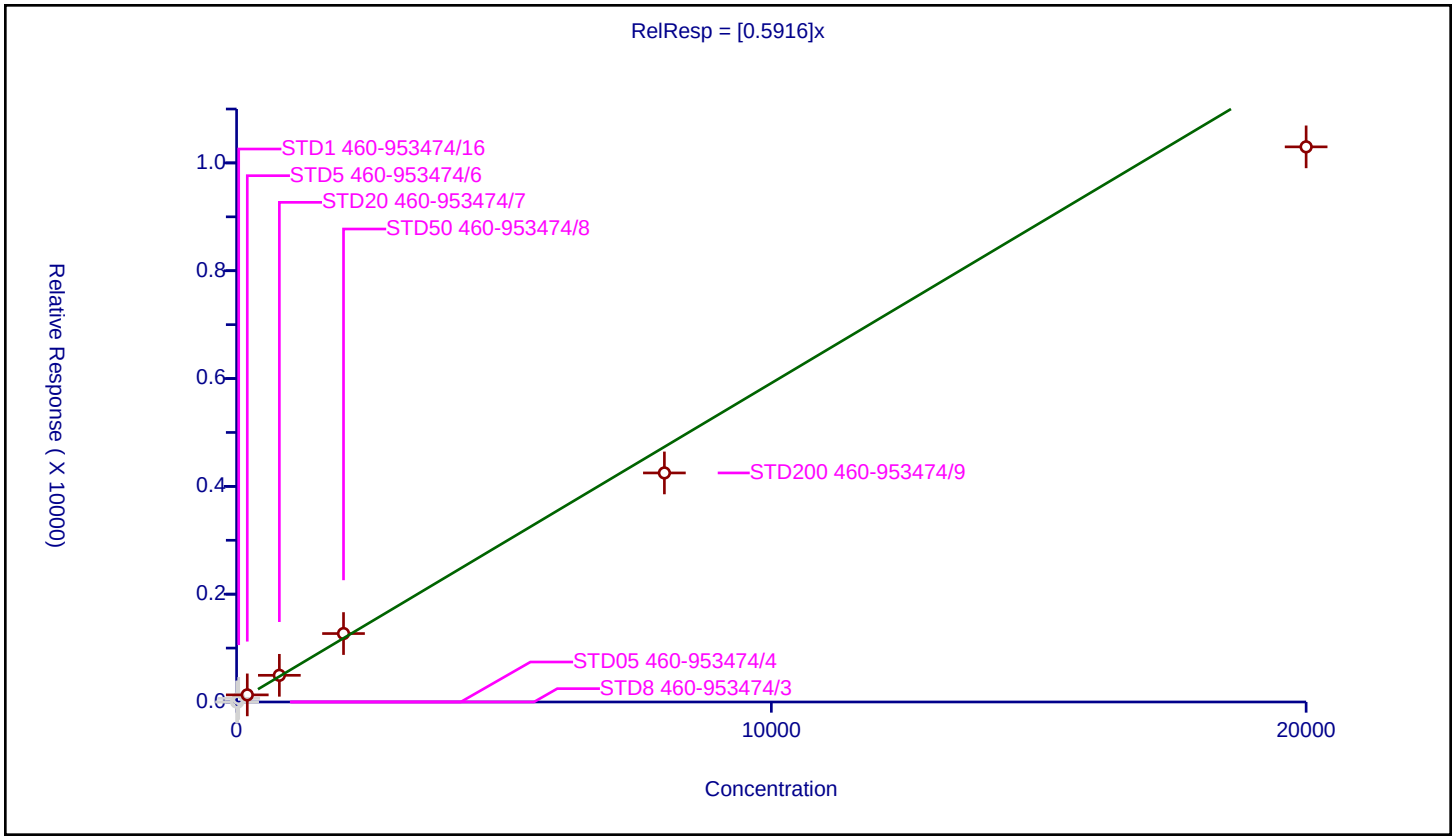
Curve Coefficients

Intercept:	0
Slope:	0.5916

Error Coefficients

Standard Error:	291000
Relative Standard Error:	10.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	1000.0	34910.0	NaN	N
2	STD05 460-953474/4	20.0	0.0	1000.0	34646.0	0.0	N
3	STD1 460-953474/16	40.0	66.634185	1000.0	34892.0	1.665855	N
4	STD5 460-953474/6	200.0	131.662773	1000.0	32963.0	0.658314	Y
5	STD20 460-953474/7	800.0	494.865164	1000.0	40605.0	0.618581	Y
6	STD50 460-953474/8	2000.0	1269.678137	1000.0	41353.0	0.634839	Y
7	STD200 460-953474/9	8000.0	4249.309571	1000.0	50331.0	0.531164	Y
8	STD500 460-953474/10	20000.0	10298.135142	1000.0	53677.0	0.514907	Y



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Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

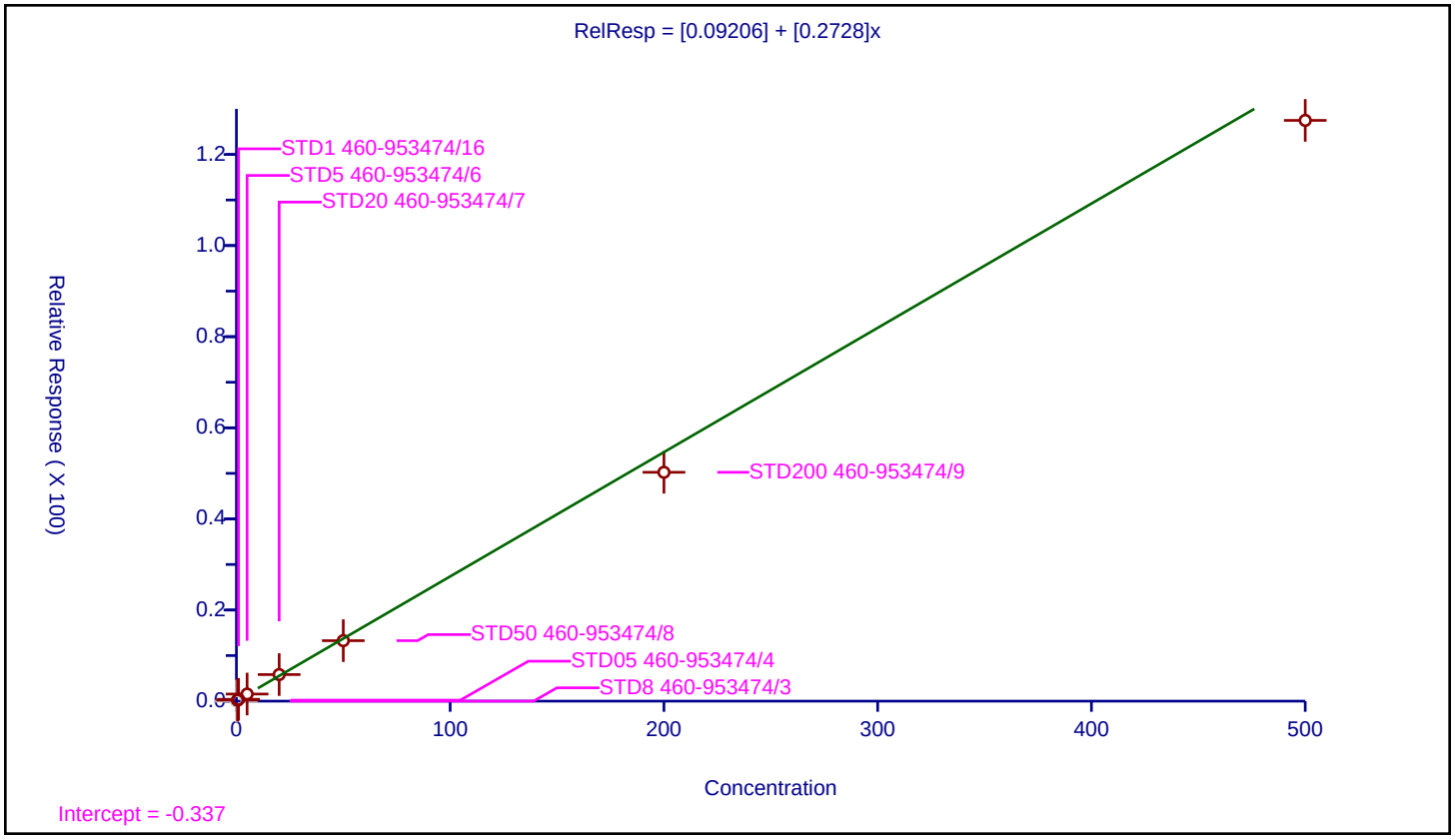
Curve Coefficients

Intercept:	0.09206
Slope:	0.2728

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.218964	50.0	638918.0	0.437928	Y
3	STD1 460-953474/16	1.0	0.39837	50.0	681779.0	0.39837	Y
4	STD5 460-953474/6	5.0	1.558302	50.0	648815.0	0.31166	Y
5	STD20 460-953474/7	20.0	5.834453	50.0	684700.0	0.291723	Y
6	STD50 460-953474/8	50.0	13.275961	50.0	730900.0	0.265519	Y
7	STD200 460-953474/9	200.0	50.233513	50.0	791389.0	0.251168	Y
8	STD500 460-953474/10	500.0	127.472944	50.0	818751.0	0.254946	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

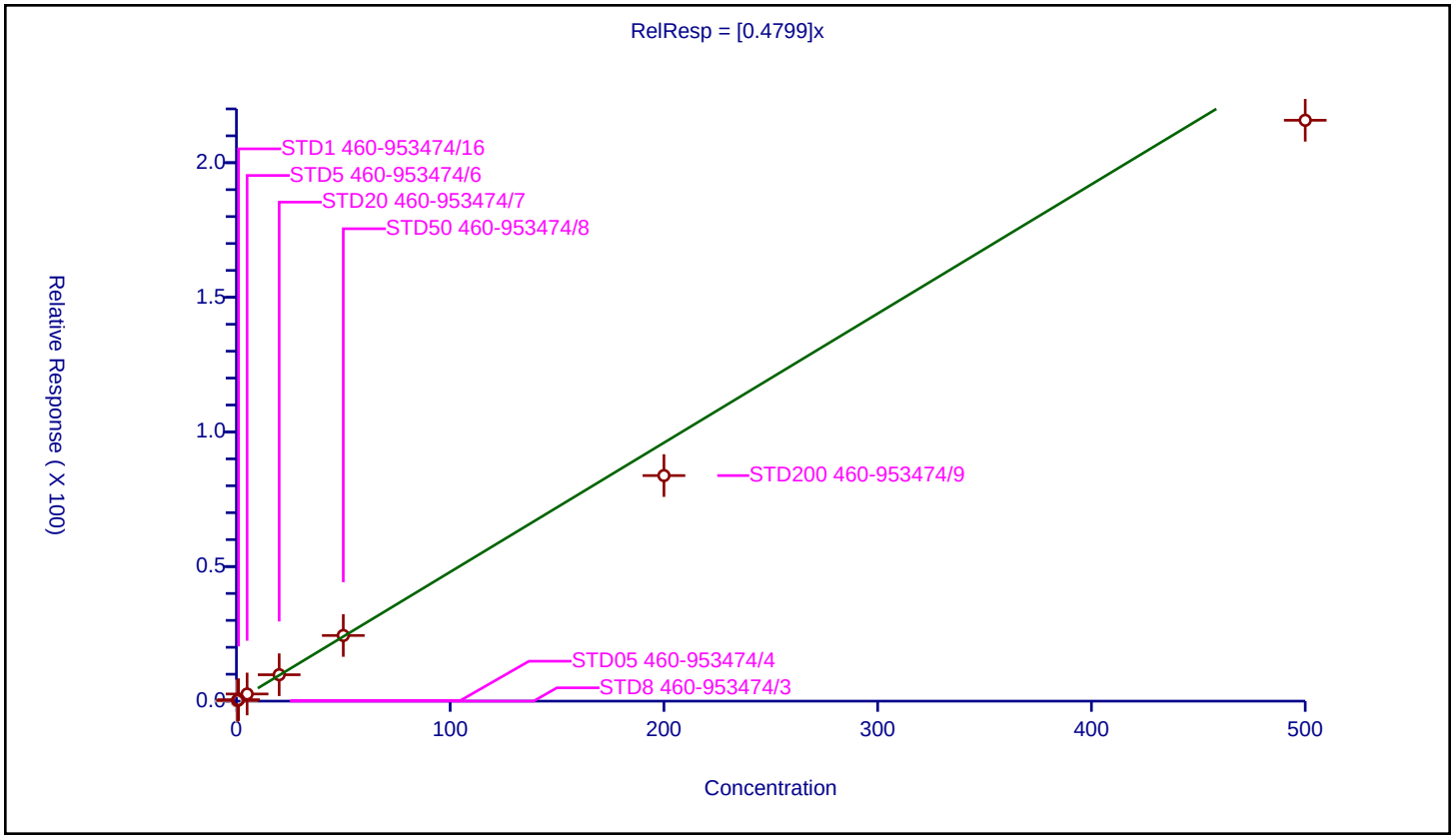
Curve Coefficients

Intercept:	0
Slope:	0.4799

Error Coefficients

Standard Error:	1550000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.231172	50.0	638918.0	0.462344	Y
3	STD1 460-953474/16	1.0	0.536684	50.0	681779.0	0.536684	Y
4	STD5 460-953474/6	5.0	2.65615	50.0	648815.0	0.53123	Y
5	STD20 460-953474/7	20.0	9.811231	50.0	684700.0	0.490562	Y
6	STD50 460-953474/8	50.0	24.396361	50.0	730900.0	0.487927	Y
7	STD200 460-953474/9	200.0	83.795074	50.0	791389.0	0.418975	Y
8	STD500 460-953474/10	500.0	215.77824	50.0	818751.0	0.431556	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

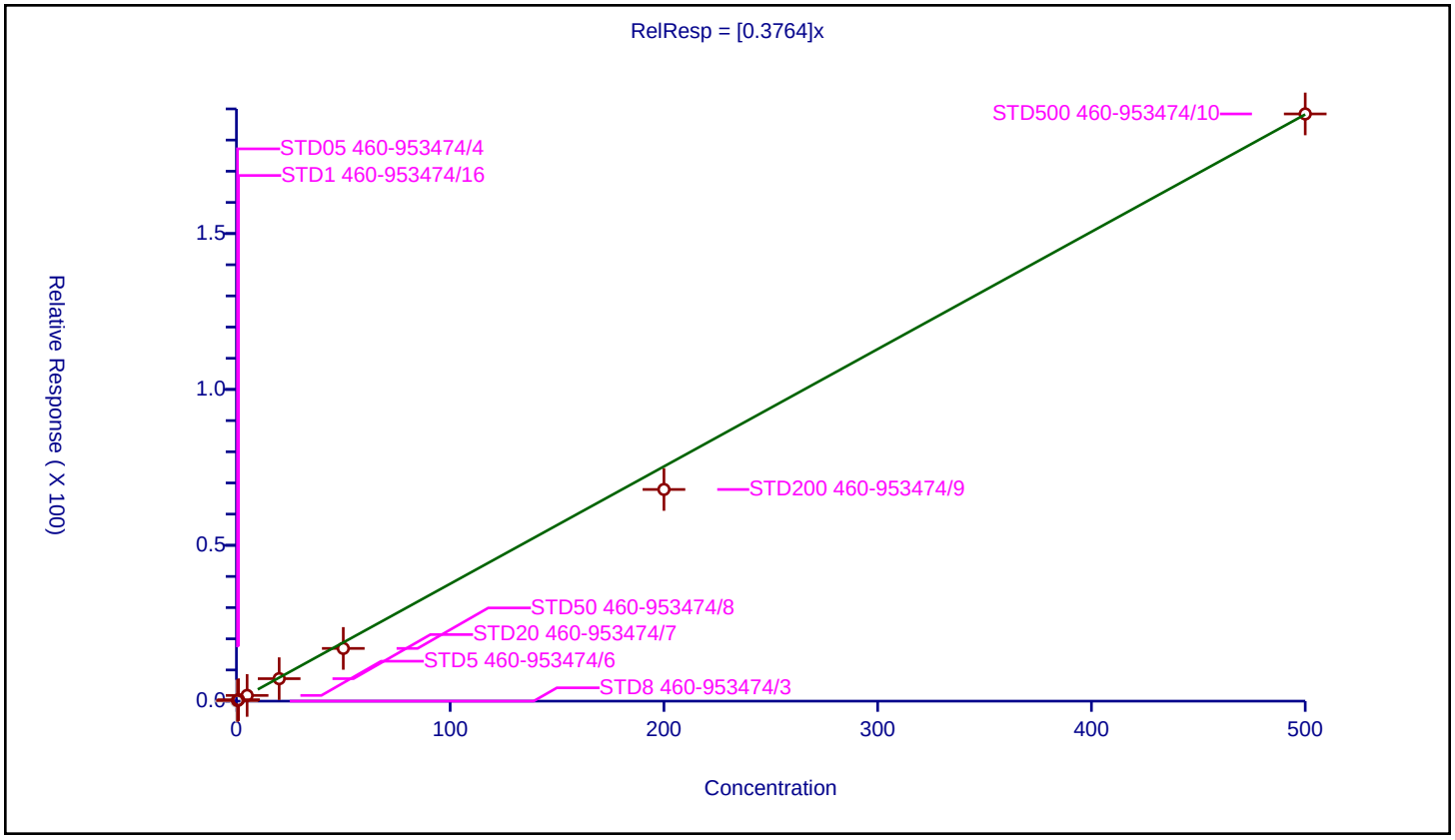
Curve Coefficients

Intercept:	0
Slope:	0.3764

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.199243	50.0	638918.0	0.398486	Y
3	STD1 460-953474/16	1.0	0.454106	50.0	681779.0	0.454106	Y
4	STD5 460-953474/6	5.0	1.836887	50.0	648815.0	0.367377	Y
5	STD20 460-953474/7	20.0	7.209435	50.0	684700.0	0.360472	Y
6	STD50 460-953474/8	50.0	16.917773	50.0	730900.0	0.338355	Y
7	STD200 460-953474/9	200.0	67.908323	50.0	791389.0	0.339542	Y
8	STD500 460-953474/10	500.0	188.382182	50.0	818751.0	0.376764	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

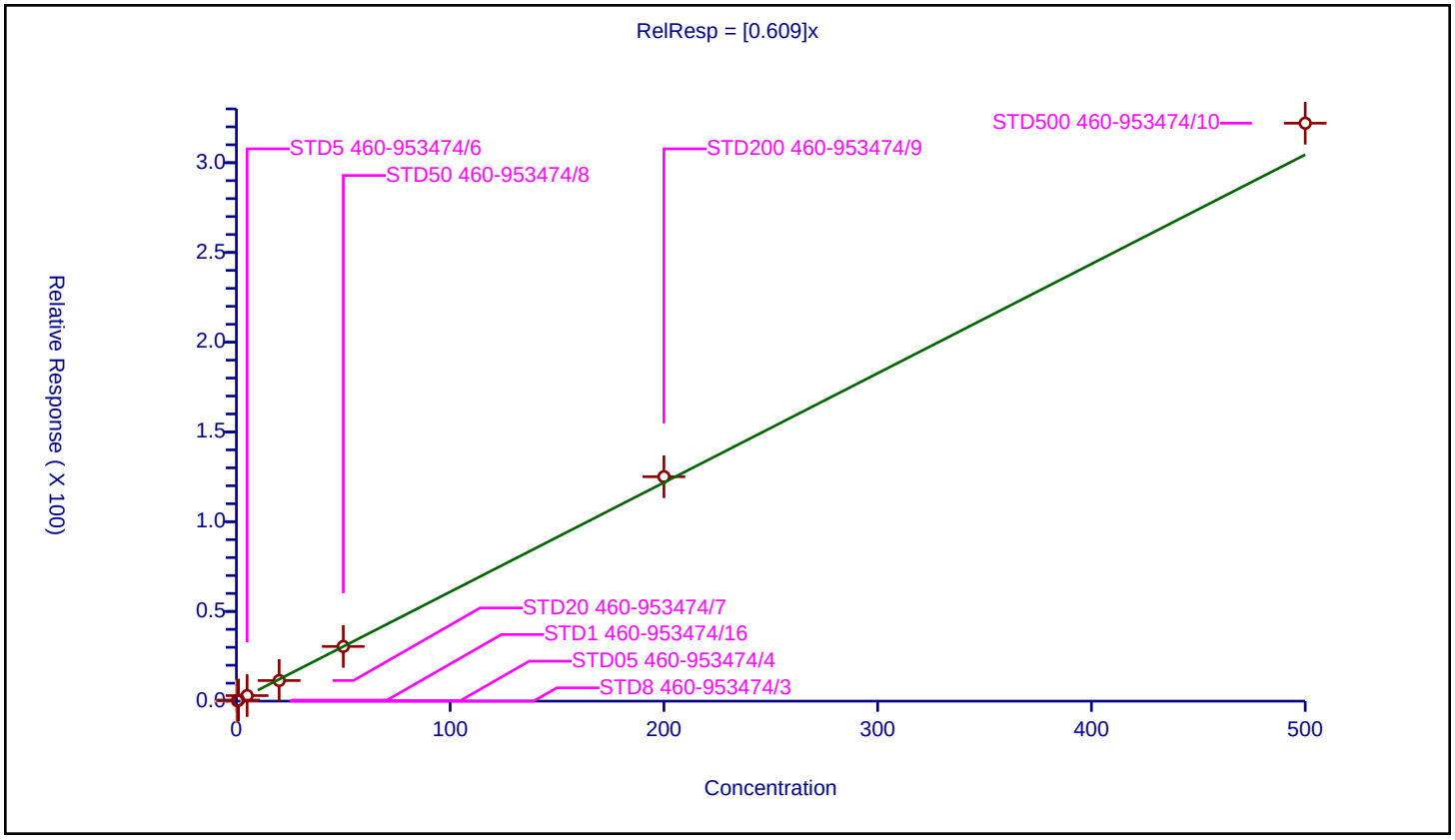
Curve Coefficients

Intercept:	0
Slope:	0.609

Error Coefficients

Standard Error:	2310000
Relative Standard Error:	3.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.294404	50.0	638918.0	0.588808	Y
3	STD1 460-953474/16	1.0	0.603935	50.0	681779.0	0.603935	Y
4	STD5 460-953474/6	5.0	3.086242	50.0	648815.0	0.617248	Y
5	STD20 460-953474/7	20.0	11.481525	50.0	684700.0	0.574076	Y
6	STD50 460-953474/8	50.0	30.468874	50.0	730900.0	0.609377	Y
7	STD200 460-953474/9	200.0	125.064854	50.0	791389.0	0.625324	Y
8	STD500 460-953474/10	500.0	322.0095	50.0	818751.0	0.644019	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

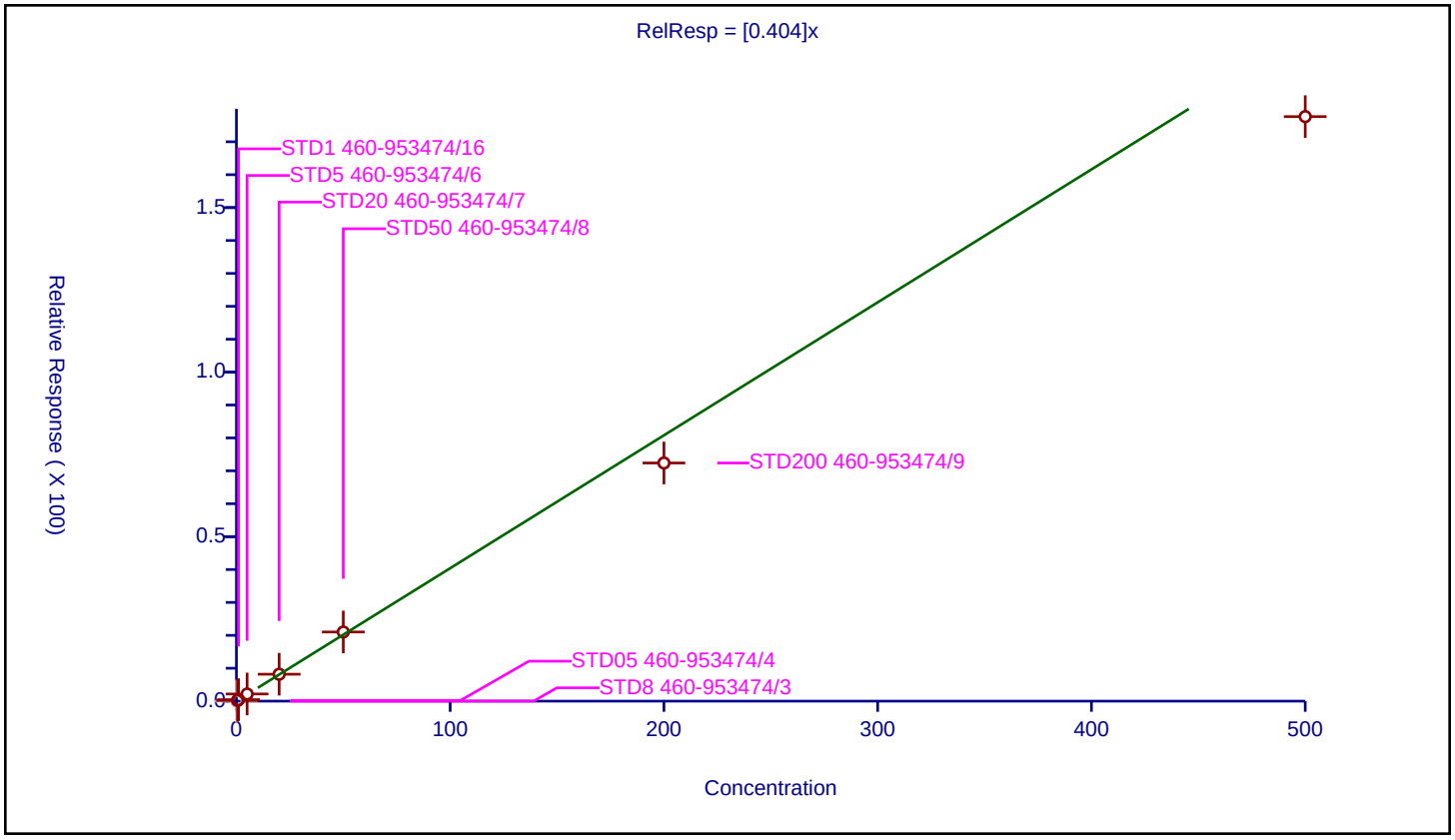
Curve Coefficients

Intercept:	0
Slope:	0.404

Error Coefficients

Standard Error:	1280000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.200339	50.0	638918.0	0.400677	Y
3	STD1 460-953474/16	1.0	0.445819	50.0	681779.0	0.445819	Y
4	STD5 460-953474/6	5.0	2.17404	50.0	648815.0	0.434808	Y
5	STD20 460-953474/7	20.0	8.183073	50.0	684700.0	0.409154	Y
6	STD50 460-953474/8	50.0	21.016418	50.0	730900.0	0.420328	Y
7	STD200 460-953474/9	200.0	72.378059	50.0	791389.0	0.36189	Y
8	STD500 460-953474/10	500.0	177.656455	50.0	818751.0	0.355313	Y



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Calibration / Acrolein

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

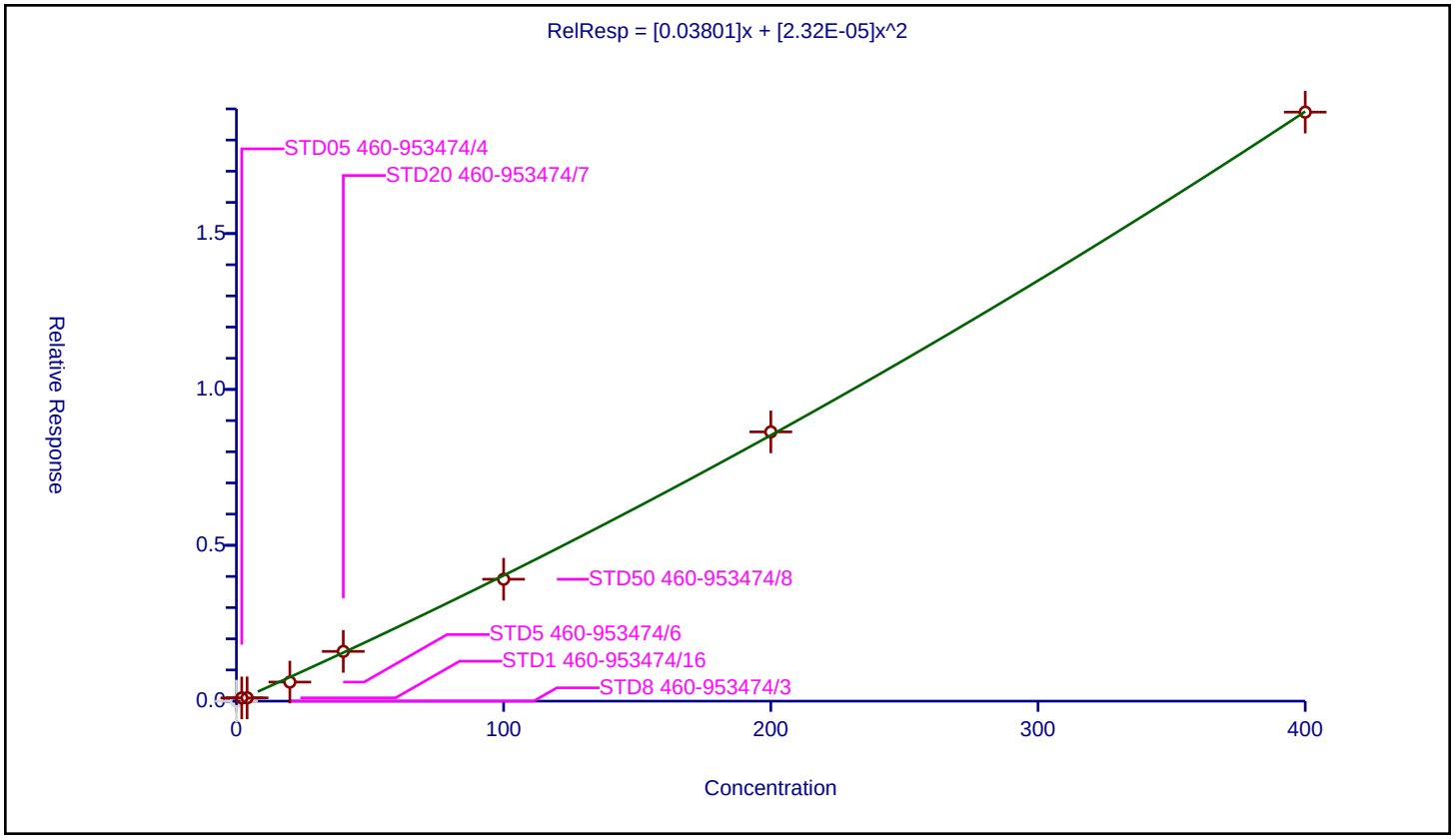
Curve Coefficients

Intercept:	0
Slope:	0.03801
Second Order:	2.32E-05

Error Coefficients

Standard Error:	154000
Relative Standard Error:	22.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	2.0	0.103221	50.0	638918.0	0.051611	Y
3	STD1 460-953474/16	4.0	0.106266	50.0	681779.0	0.026567	Y
4	STD5 460-953474/6	20.0	0.611962	50.0	648815.0	0.030598	Y
5	STD20 460-953474/7	40.0	1.595662	50.0	684700.0	0.039892	Y
6	STD50 460-953474/8	100.0	3.911547	50.0	730900.0	0.039115	Y
7	STD200 460-953474/9	200.0	8.638167	50.0	791389.0	0.043191	Y
8	STD500 460-953474/10	400.0	18.895611	50.0	818751.0	0.047239	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

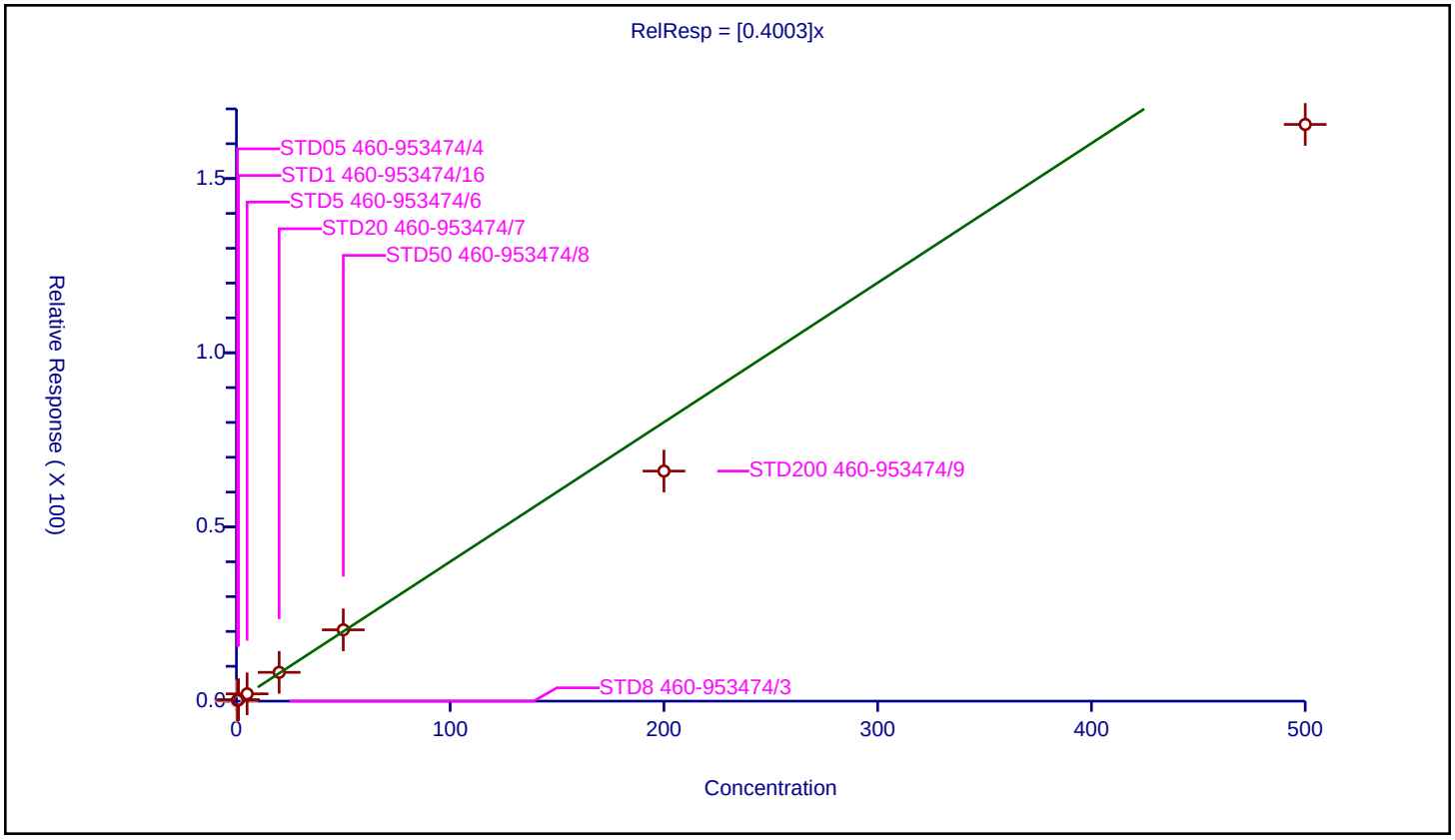
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.238763	50.0	638918.0	0.477526	Y
3	STD1 460-953474/16	1.0	0.421178	50.0	681779.0	0.421178	Y
4	STD5 460-953474/6	5.0	2.0969	50.0	648815.0	0.41938	Y
5	STD20 460-953474/7	20.0	8.267708	50.0	684700.0	0.413385	Y
6	STD50 460-953474/8	50.0	20.469832	50.0	730900.0	0.409397	Y
7	STD200 460-953474/9	200.0	66.038383	50.0	791389.0	0.330192	Y
8	STD500 460-953474/10	500.0	165.53537	50.0	818751.0	0.331071	Y



Calibration / Acetone

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

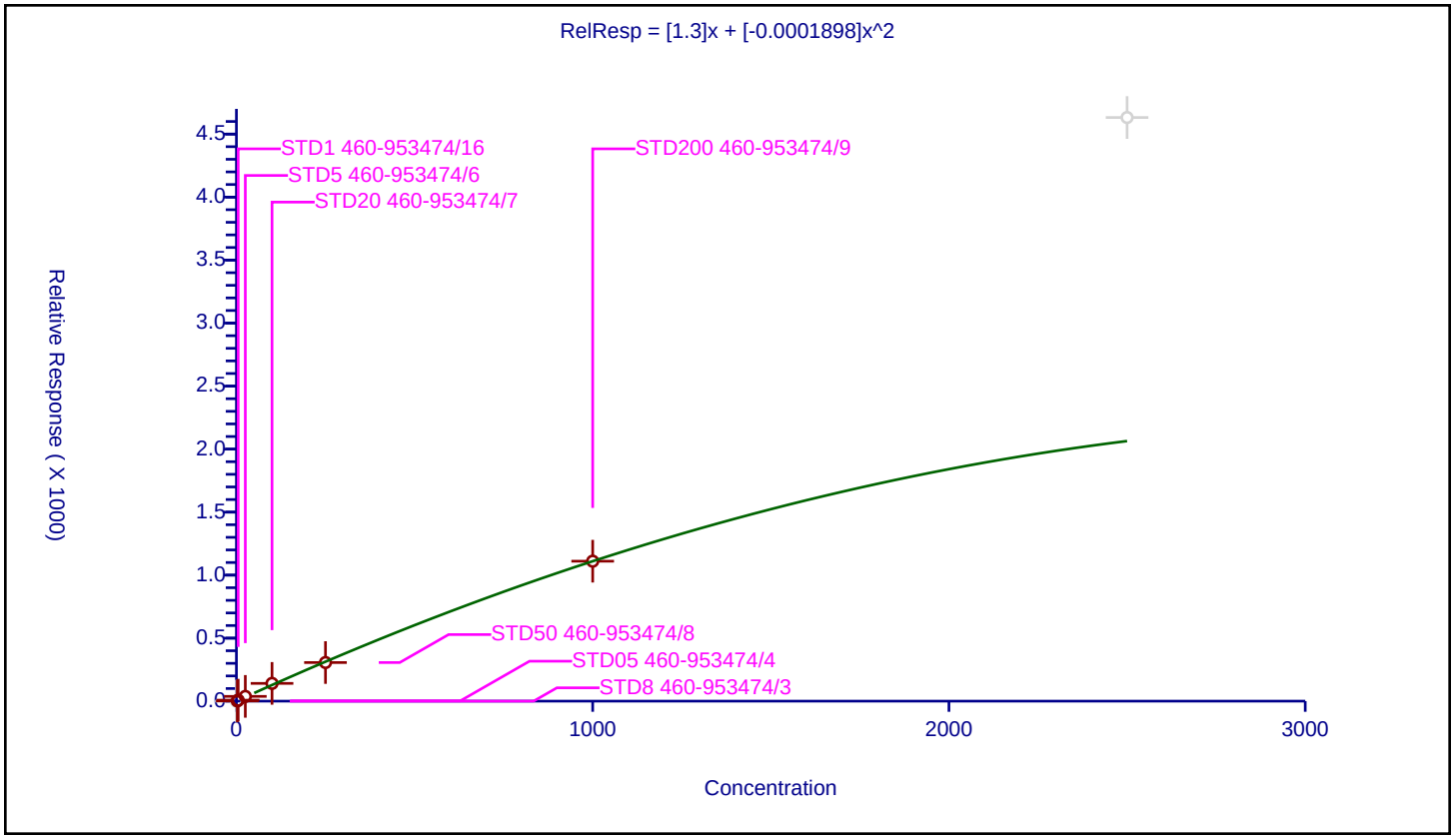
Curve Coefficients

Intercept:	0
Slope:	1.3
Second Order:	-0.0001898

Error Coefficients

Standard Error:	949000
Relative Standard Error:	25.1
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	2.5	1.889734	250.0	303085.0	0.755894	Y
3	STD1 460-953474/16	5.0	7.782385	250.0	304823.0	1.556477	Y
4	STD5 460-953474/6	25.0	37.705825	250.0	299284.0	1.508233	Y
5	STD20 460-953474/7	100.0	140.788527	250.0	333470.0	1.407885	Y
6	STD50 460-953474/8	250.0	306.393215	250.0	343583.0	1.225573	Y
7	STD200 460-953474/9	1000.0	1110.659939	250.0	414599.0	1.11066	Y
8	STD500 460-953474/10	2500.0	4631.498647	250.0	412759.0	1.852599	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

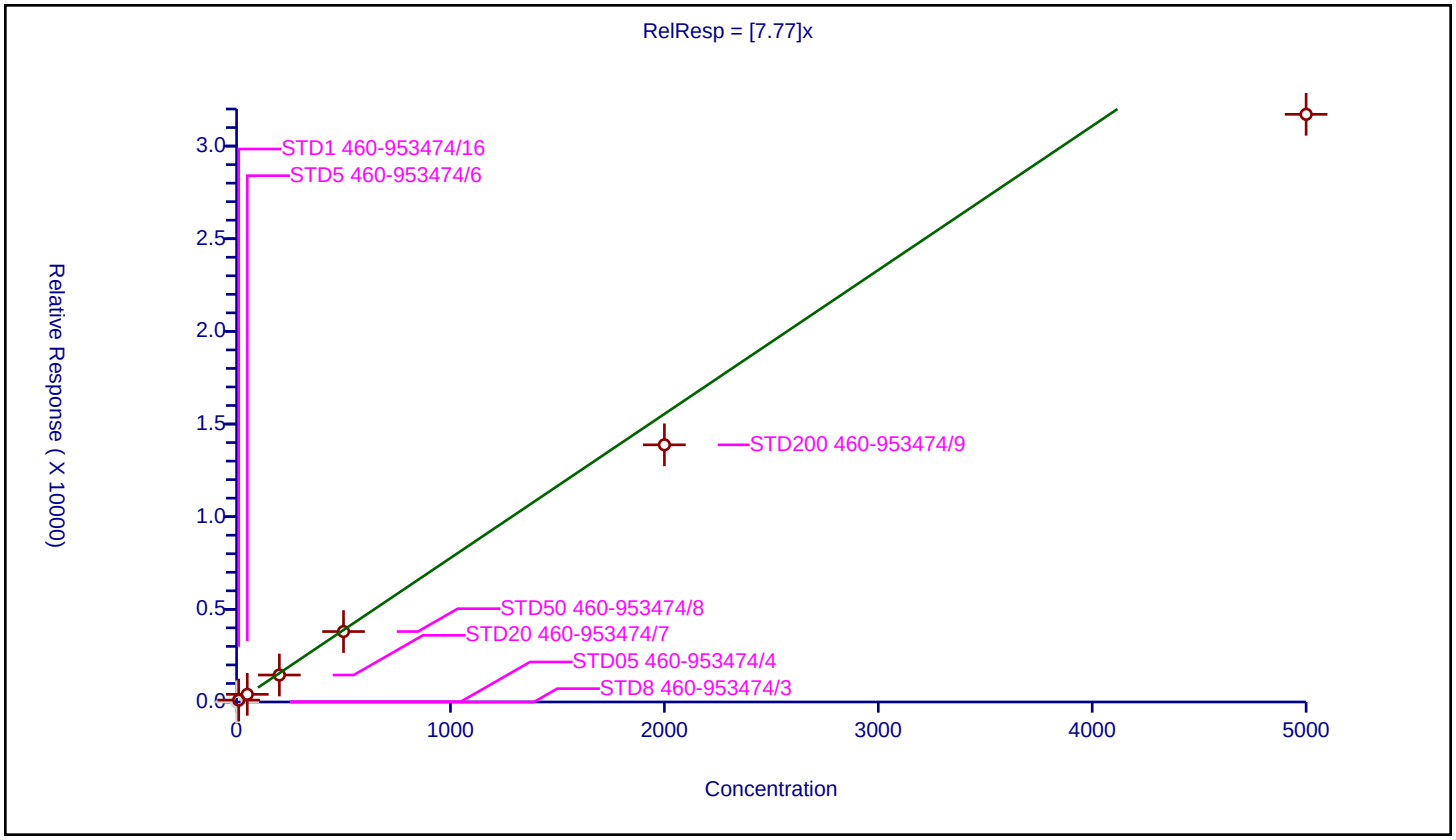
Curve Coefficients

Intercept:	0
Slope:	7.77

Error Coefficients

Standard Error:	808000
Relative Standard Error:	17.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	1000.0	34910.0	NaN	N
2	STD05 460-953474/4	5.0	13.796686	1000.0	34646.0	2.759337	N
3	STD1 460-953474/16	10.0	102.201078	1000.0	34892.0	10.220108	Y
4	STD5 460-953474/6	50.0	412.037739	1000.0	32963.0	8.240755	Y
5	STD20 460-953474/7	200.0	1455.387268	1000.0	40605.0	7.276936	Y
6	STD50 460-953474/8	500.0	3801.68307	1000.0	41353.0	7.603366	Y
7	STD200 460-953474/9	2000.0	13877.729431	1000.0	50331.0	6.938865	Y
8	STD500 460-953474/10	5000.0	31714.011588	1000.0	53677.0	6.342802	Y



Calibration / Iodomethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

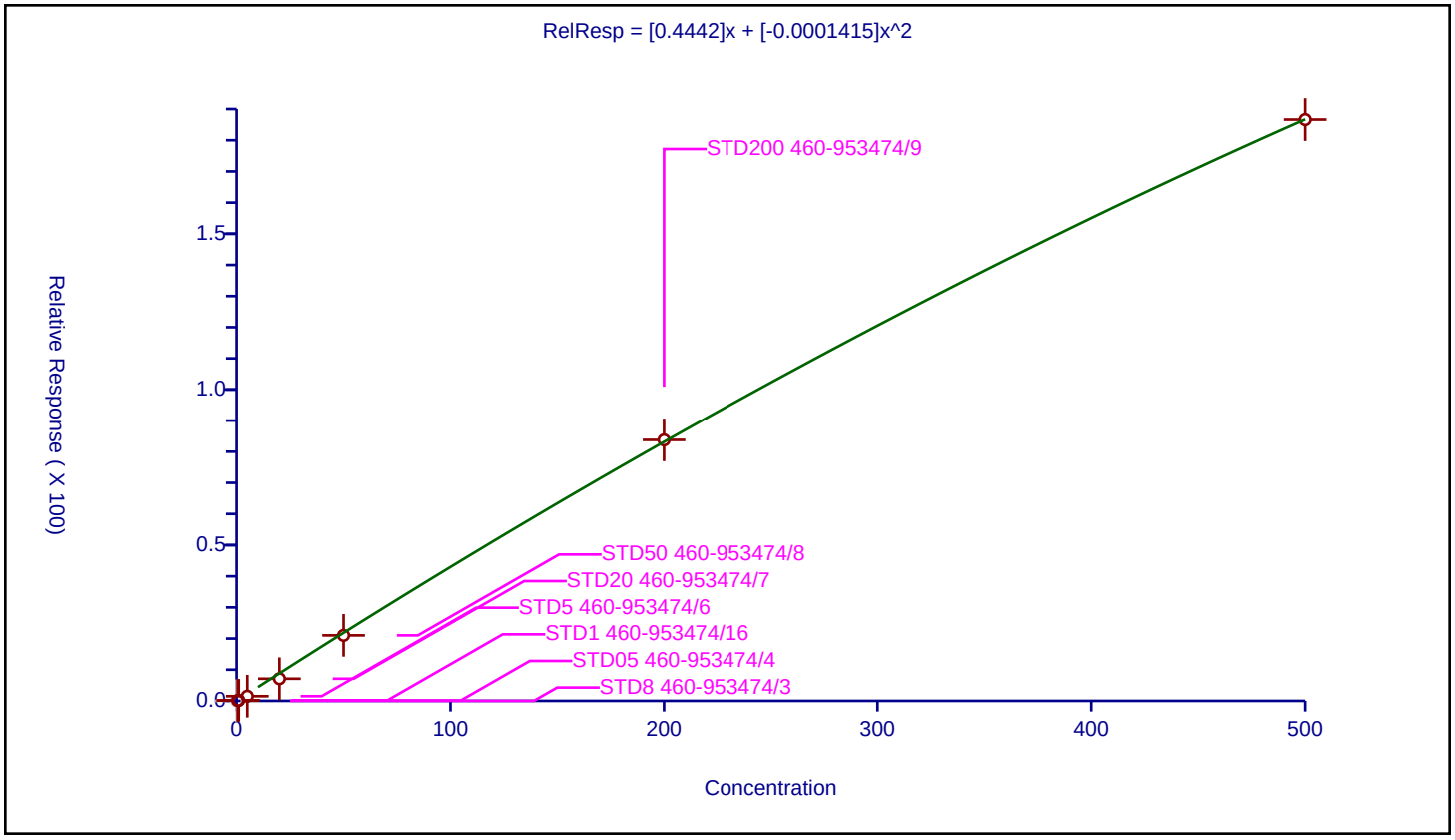
Curve Coefficients

Intercept:	0
Slope:	0.4442
Second Order:	-0.0001415

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	40.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.110421	50.0	638918.0	0.220842	Y
3	STD1 460-953474/16	1.0	0.162589	50.0	681779.0	0.162589	Y
4	STD5 460-953474/6	5.0	1.496035	50.0	648815.0	0.299207	Y
5	STD20 460-953474/7	20.0	7.103987	50.0	684700.0	0.355199	Y
6	STD50 460-953474/8	50.0	21.0275	50.0	730900.0	0.42055	Y
7	STD200 460-953474/9	200.0	83.795516	50.0	791389.0	0.418978	Y
8	STD500 460-953474/10	500.0	186.631833	50.0	818751.0	0.373264	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

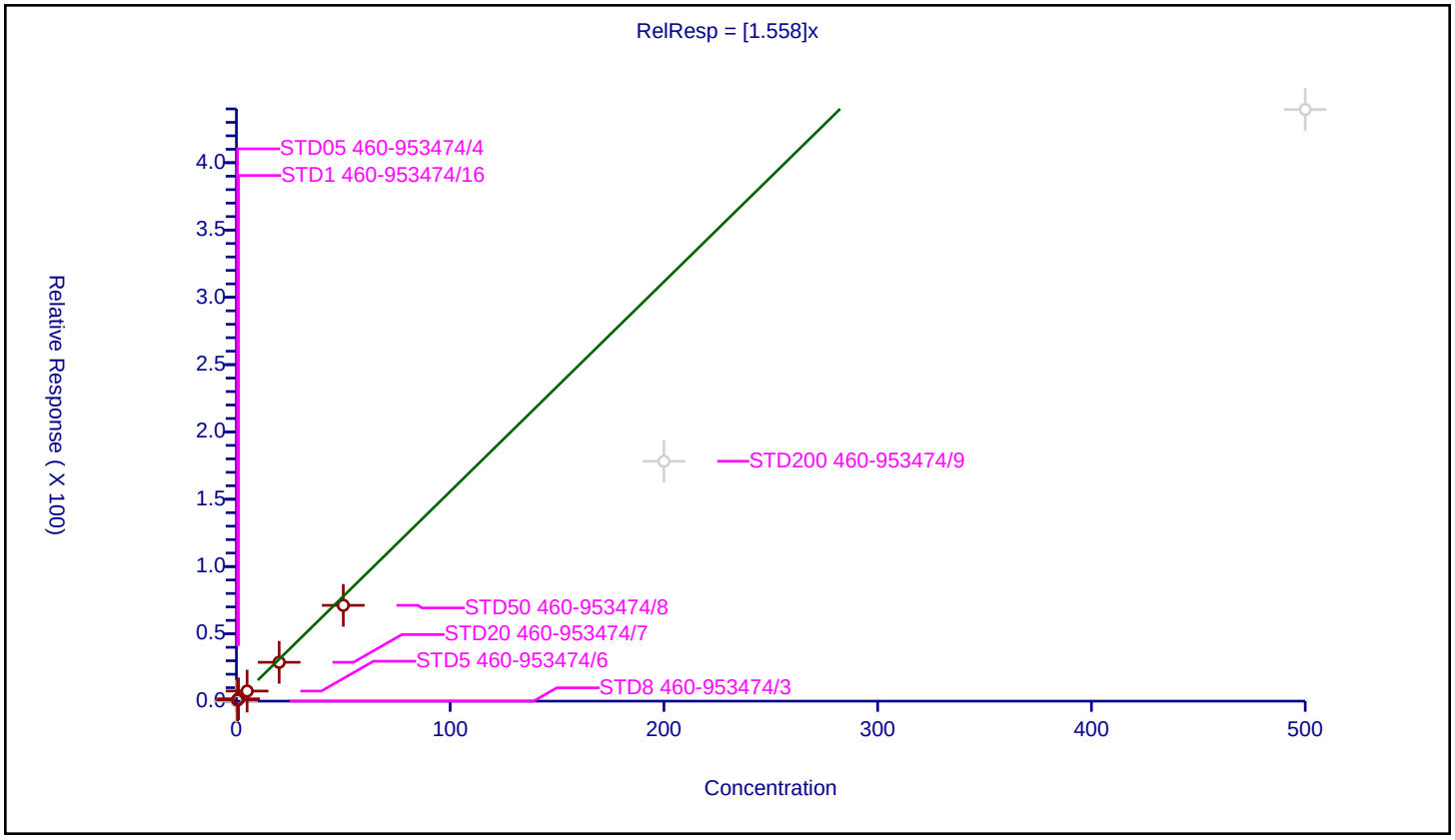
Curve Coefficients

Intercept:	0
Slope:	1.558

Error Coefficients

Standard Error:	559000
Relative Standard Error:	9.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.851126	50.0	638918.0	1.702253	Y
3	STD1 460-953474/16	1.0	1.723799	50.0	681779.0	1.723799	Y
4	STD5 460-953474/6	5.0	7.482179	50.0	648815.0	1.496436	Y
5	STD20 460-953474/7	20.0	28.855995	50.0	684700.0	1.4428	Y
6	STD50 460-953474/8	50.0	71.190519	50.0	730900.0	1.42381	Y
7	STD200 460-953474/9	200.0	178.217413	50.0	791389.0	0.891087	N
8	STD500 460-953474/10	500.0	439.544868	50.0	818751.0	0.87909	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

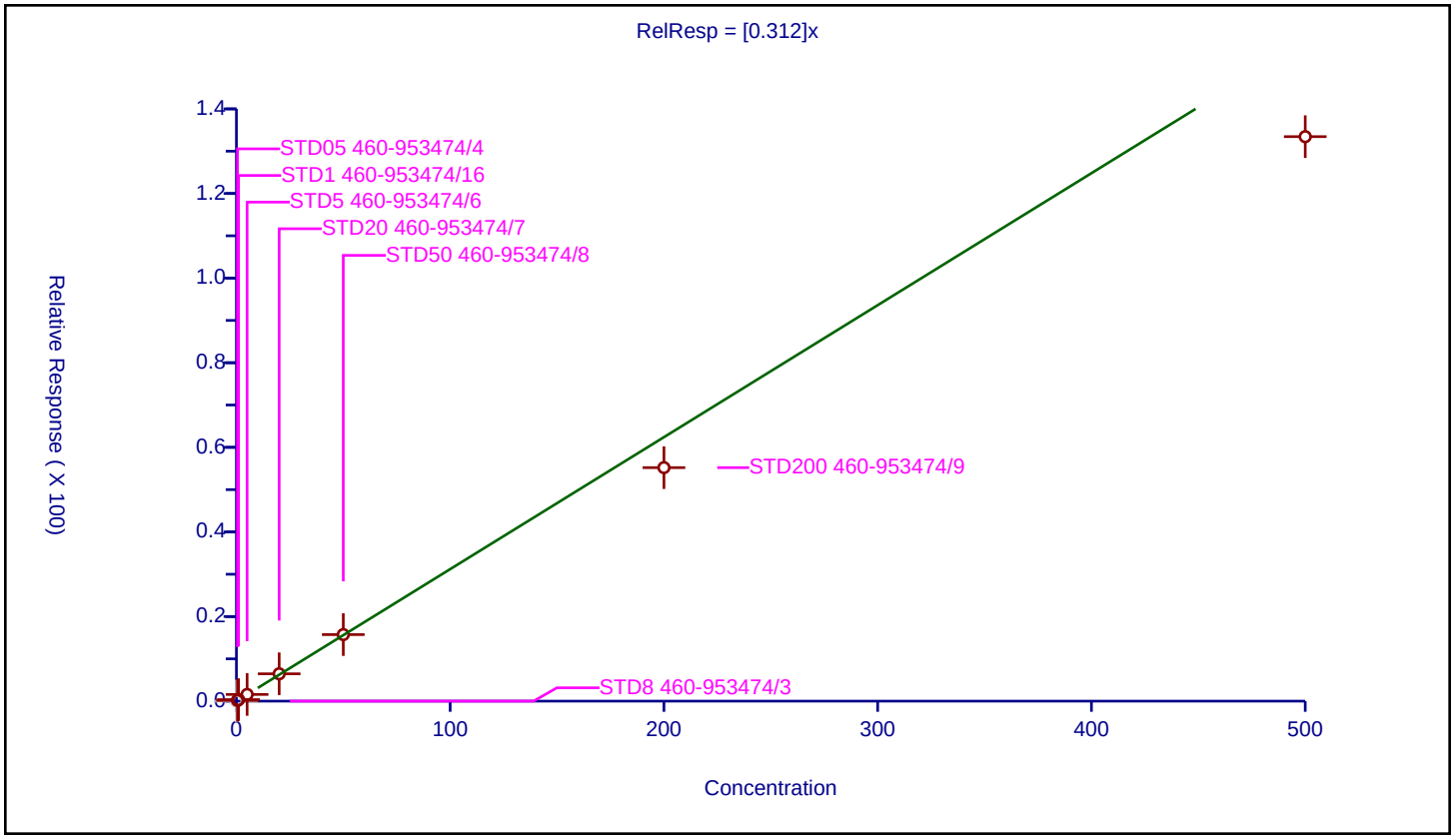
Curve Coefficients

Intercept:	0
Slope:	0.312

Error Coefficients

Standard Error:	966000
Relative Standard Error:	9.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.166375	50.0	638918.0	0.33275	Y
3	STD1 460-953474/16	1.0	0.354	50.0	681779.0	0.354	Y
4	STD5 460-953474/6	5.0	1.583117	50.0	648815.0	0.316623	Y
5	STD20 460-953474/7	20.0	6.464072	50.0	684700.0	0.323204	Y
6	STD50 460-953474/8	50.0	15.728622	50.0	730900.0	0.314572	Y
7	STD200 460-953474/9	200.0	55.200603	50.0	791389.0	0.276003	Y
8	STD500 460-953474/10	500.0	133.436417	50.0	818751.0	0.266873	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

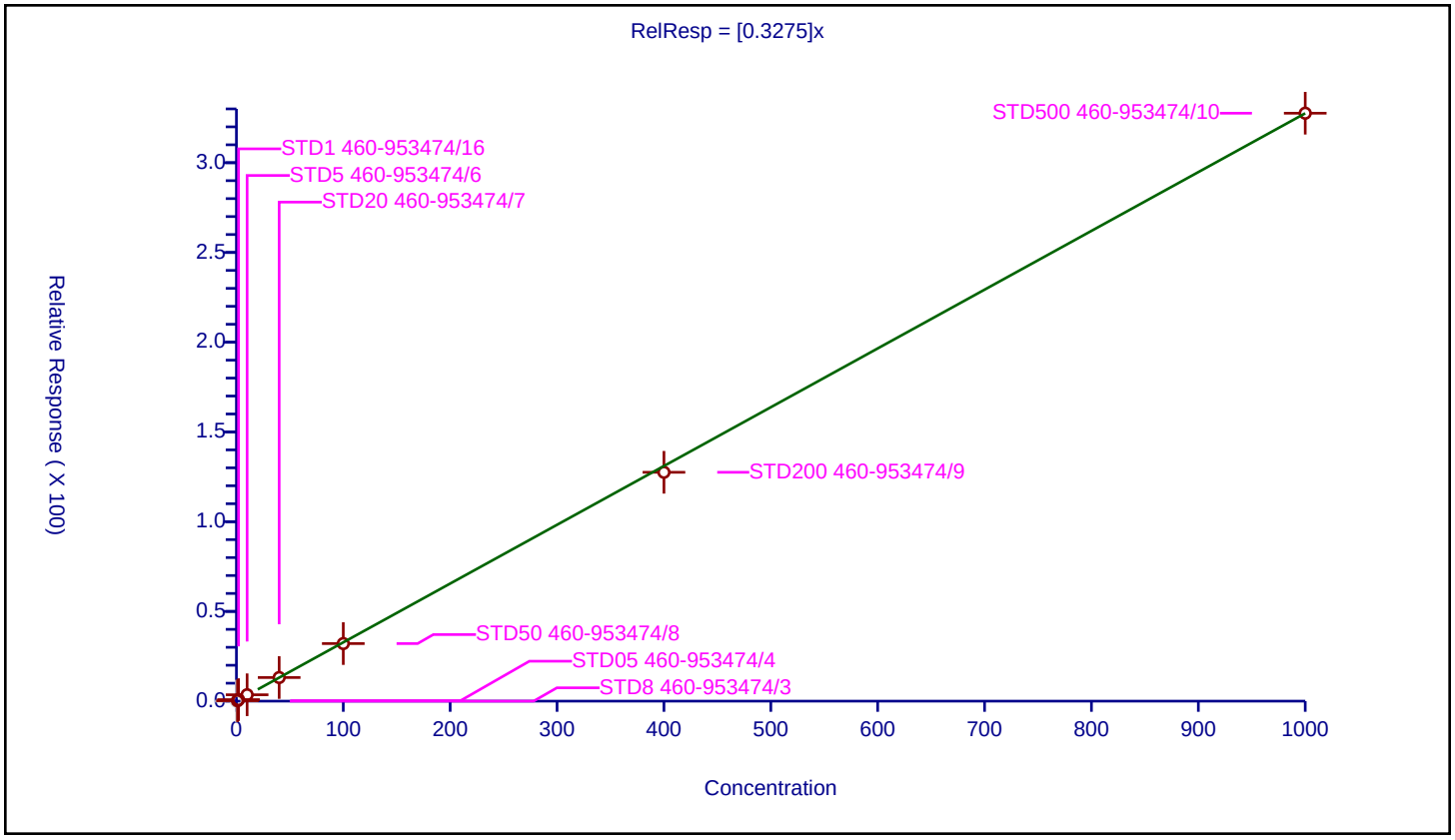
Curve Coefficients

Intercept:	0
Slope:	0.3275

Error Coefficients

Standard Error:	2350000
Relative Standard Error:	17.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.966

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	1.0	0.223112	50.0	638918.0	0.223112	Y
3	STD1 460-953474/16	2.0	0.835168	50.0	681779.0	0.417584	Y
4	STD5 460-953474/6	10.0	3.560106	50.0	648815.0	0.356011	Y
5	STD20 460-953474/7	40.0	13.15379	50.0	684700.0	0.328845	Y
6	STD50 460-953474/8	100.0	32.07737	50.0	730900.0	0.320774	Y
7	STD200 460-953474/9	400.0	127.52041	50.0	791389.0	0.318801	Y
8	STD500 460-953474/10	1000.0	327.600394	50.0	818751.0	0.3276	Y



Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

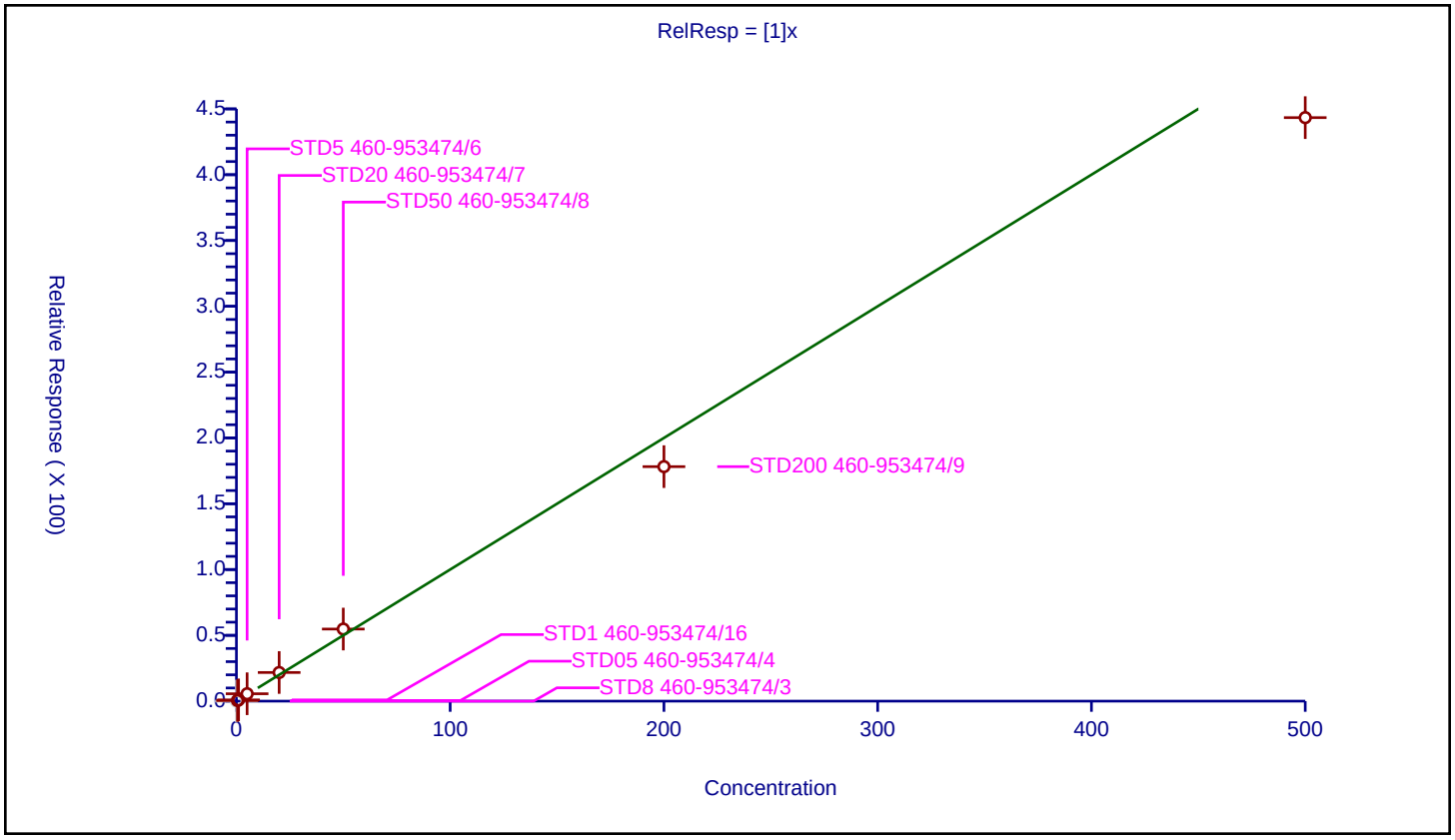
Curve Coefficients

Intercept:	0
Slope:	1

Error Coefficients

Standard Error:	3200000
Relative Standard Error:	10.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.485508	50.0	638918.0	0.971017	Y
3	STD1 460-953474/16	1.0	0.942461	50.0	681779.0	0.942461	Y
4	STD5 460-953474/6	5.0	5.623329	50.0	648815.0	1.124666	Y
5	STD20 460-953474/7	20.0	21.773843	50.0	684700.0	1.088692	Y
6	STD50 460-953474/8	50.0	54.768778	50.0	730900.0	1.095376	Y
7	STD200 460-953474/9	200.0	178.180326	50.0	791389.0	0.890902	Y
8	STD500 460-953474/10	500.0	443.366481	50.0	818751.0	0.886733	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

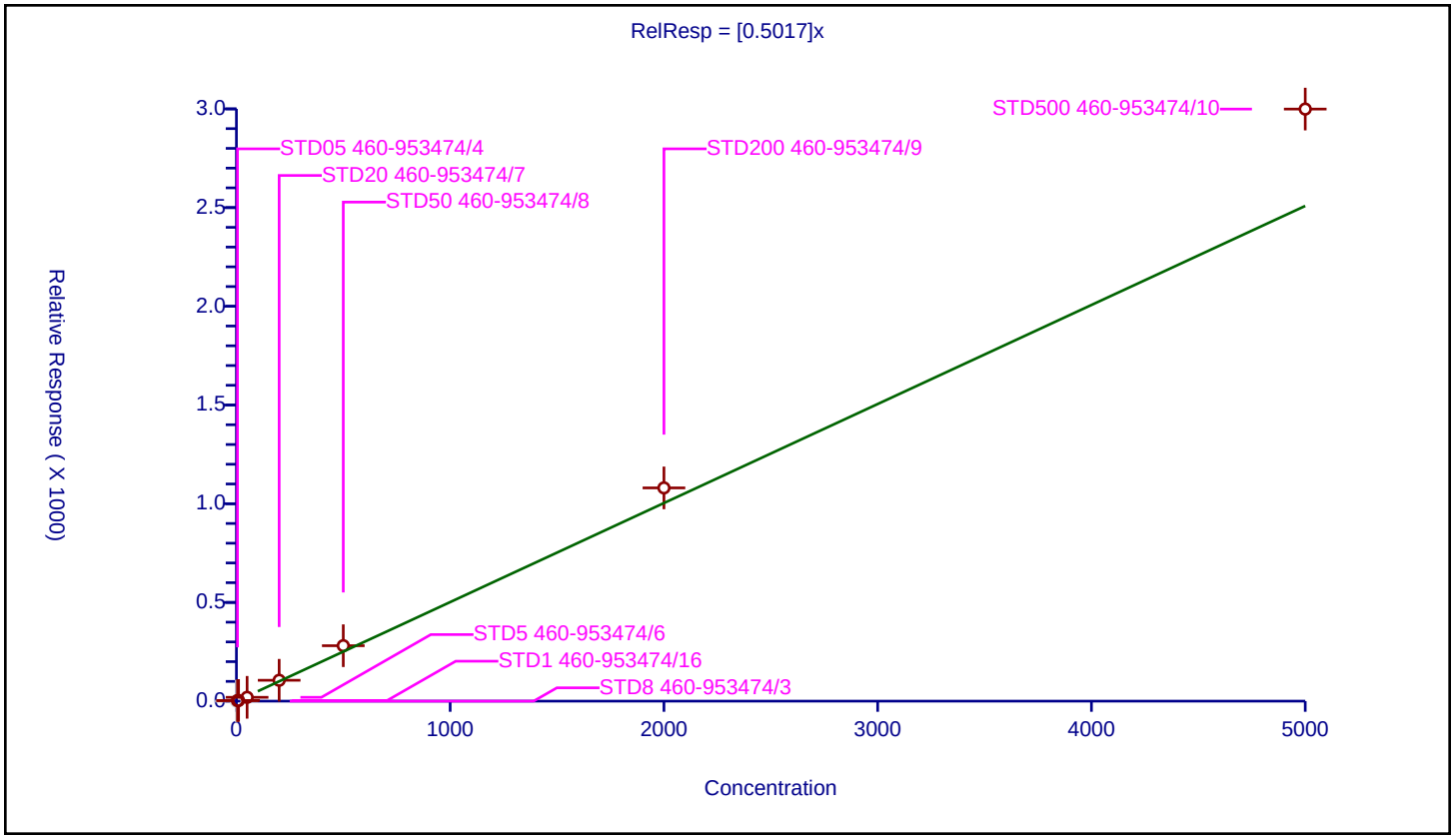
Curve Coefficients

Intercept:	0
Slope:	0.5017

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	20.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	5.0	2.808618	250.0	303085.0	0.561724	Y
3	STD1 460-953474/16	10.0	3.32078	250.0	304823.0	0.332078	Y
4	STD5 460-953474/6	50.0	19.412999	250.0	299284.0	0.38826	Y
5	STD20 460-953474/7	200.0	105.646685	250.0	333470.0	0.528233	Y
6	STD50 460-953474/8	500.0	280.777862	250.0	343583.0	0.561556	Y
7	STD200 460-953474/9	2000.0	1080.192547	250.0	414599.0	0.540096	Y
8	STD500 460-953474/10	5000.0	2999.110256	250.0	412759.0	0.599822	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

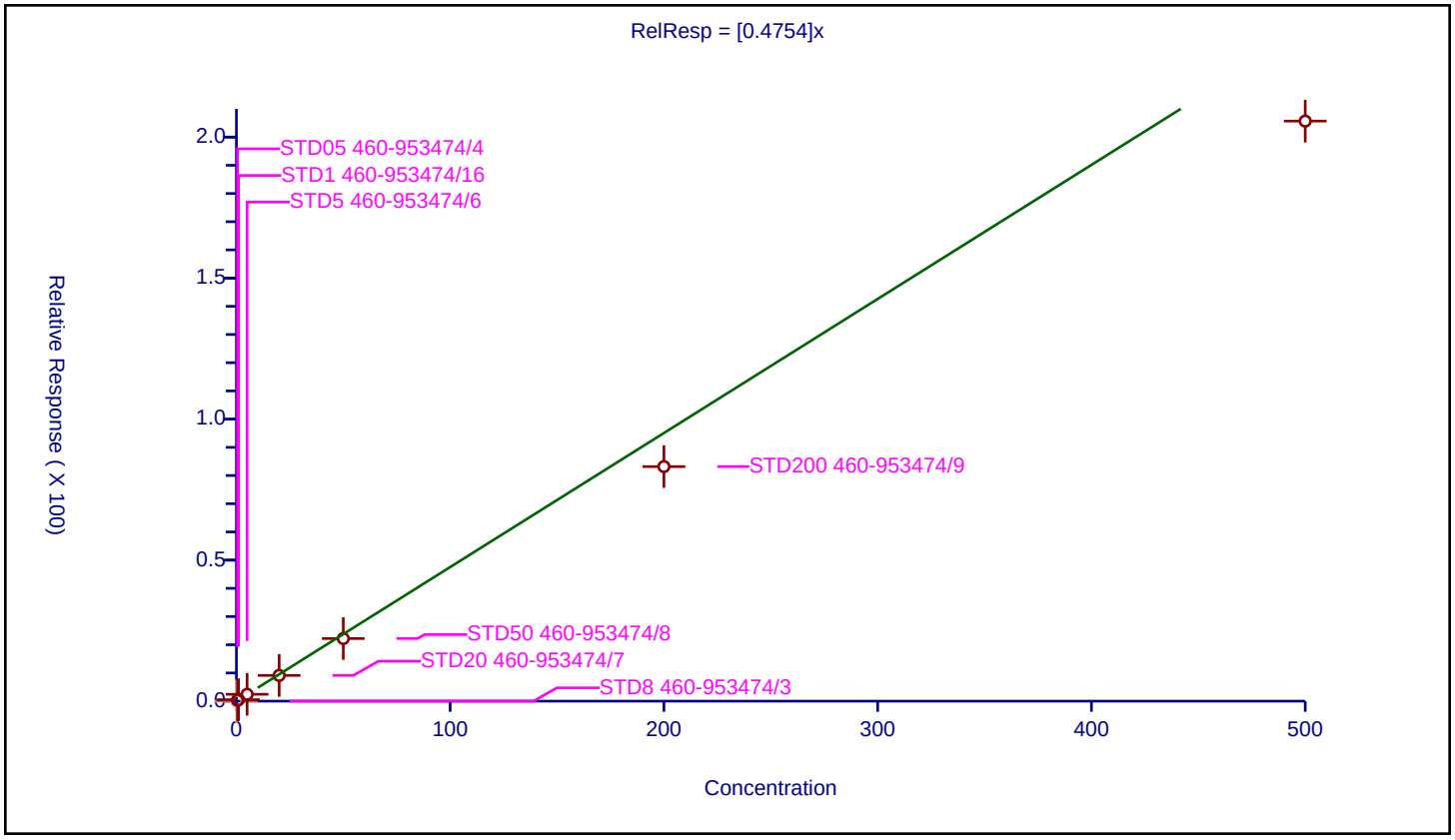
Curve Coefficients

Intercept:	0
Slope:	0.4754

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	13.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.972

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.299569	50.0	638918.0	0.599138	Y
3	STD1 460-953474/16	1.0	0.514536	50.0	681779.0	0.514536	Y
4	STD5 460-953474/6	5.0	2.43413	50.0	648815.0	0.486826	Y
5	STD20 460-953474/7	20.0	9.118665	50.0	684700.0	0.455933	Y
6	STD50 460-953474/8	50.0	22.193939	50.0	730900.0	0.443879	Y
7	STD200 460-953474/9	200.0	83.16479	50.0	791389.0	0.415824	Y
8	STD500 460-953474/10	500.0	205.678833	50.0	818751.0	0.411358	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

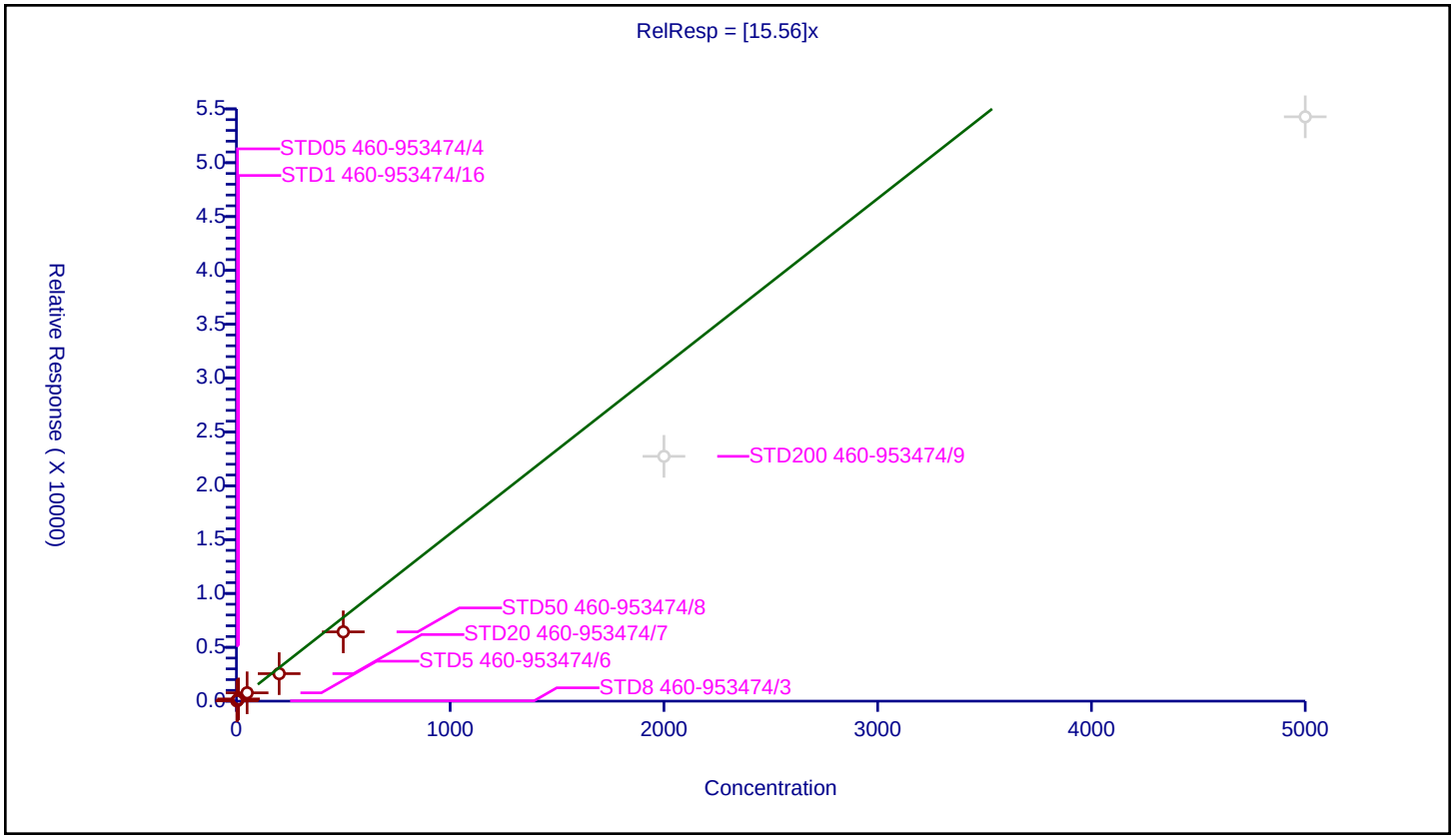
Curve Coefficients

Intercept:	0
Slope:	15.56

Error Coefficients

Standard Error:	125000
Relative Standard Error:	19.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.952

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	2.0	28.444572	1000.0	34910.0	14.222286	Y
2	STD05 460-953474/4	5.0	87.917797	1000.0	34646.0	17.583559	Y
3	STD1 460-953474/16	10.0	204.316176	1000.0	34892.0	20.431618	Y
4	STD5 460-953474/6	50.0	773.260929	1000.0	32963.0	15.465219	Y
5	STD20 460-953474/7	200.0	2554.045068	1000.0	40605.0	12.770225	Y
6	STD50 460-953474/8	500.0	6434.309482	1000.0	41353.0	12.868619	Y
7	STD200 460-953474/9	2000.0	22734.239336	1000.0	50331.0	11.36712	N
8	STD500 460-953474/10	5000.0	54264.135477	1000.0	53677.0	10.852827	N



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

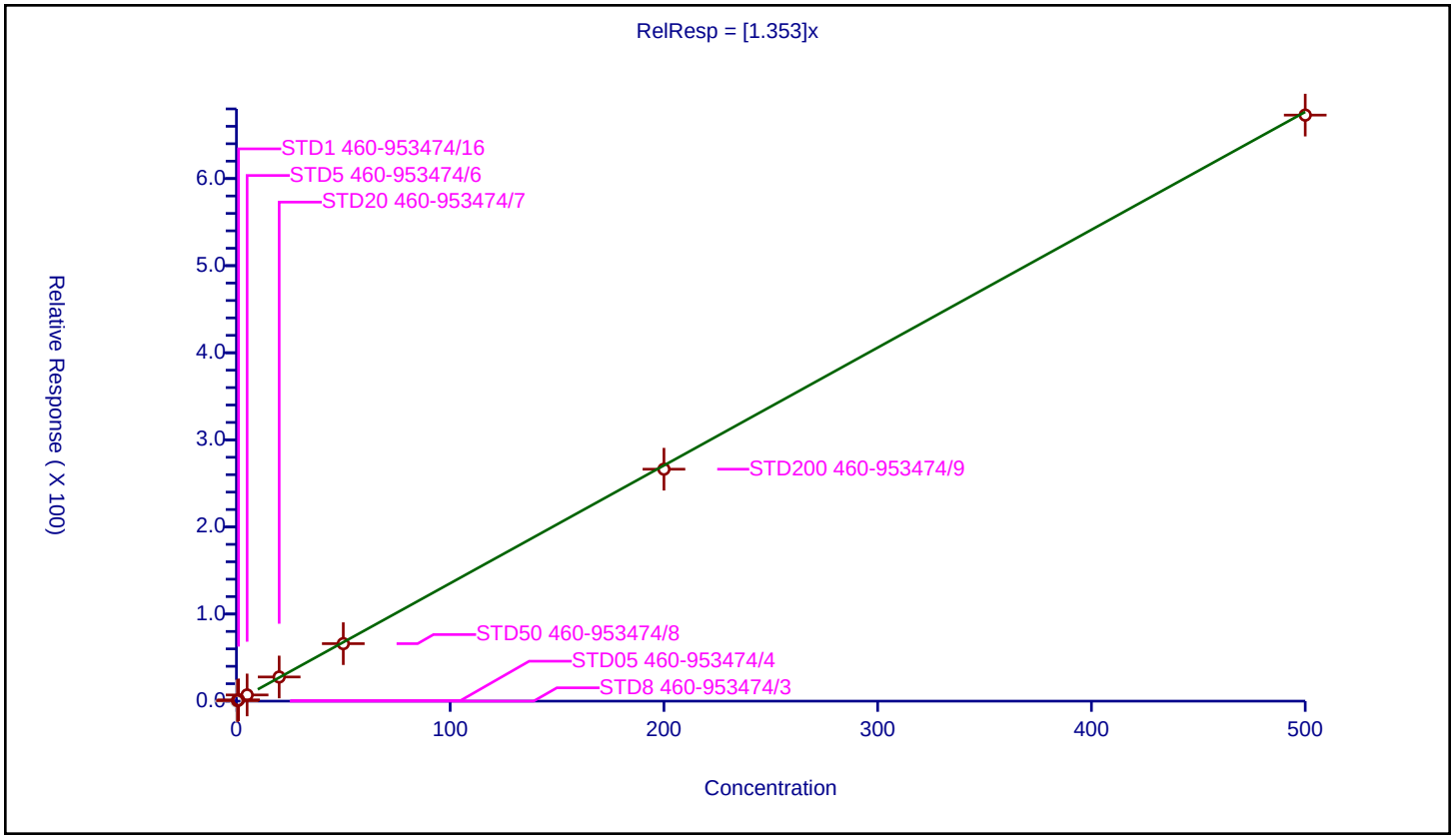
Curve Coefficients

Intercept:	0
Slope:	1.353

Error Coefficients

Standard Error:	4830000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.603442	50.0	638918.0	1.206884	Y
3	STD1 460-953474/16	1.0	1.457437	50.0	681779.0	1.457437	Y
4	STD5 460-953474/6	5.0	7.114817	50.0	648815.0	1.422963	Y
5	STD20 460-953474/7	20.0	27.736308	50.0	684700.0	1.386815	Y
6	STD50 460-953474/8	50.0	65.997811	50.0	730900.0	1.319956	Y
7	STD200 460-953474/9	200.0	266.318081	50.0	791389.0	1.33159	Y
8	STD500 460-953474/10	500.0	672.861346	50.0	818751.0	1.345723	Y



Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

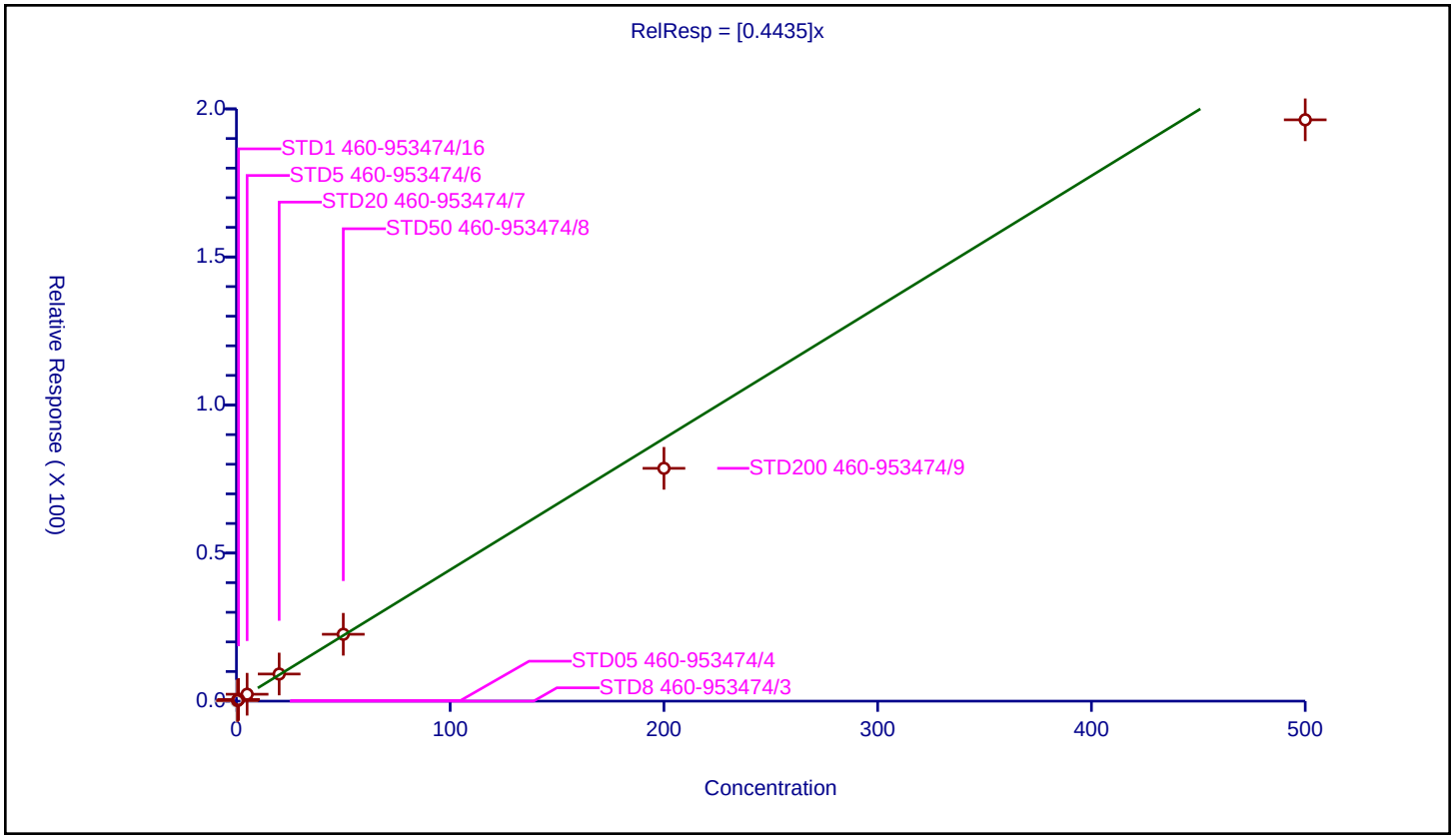
Curve Coefficients

Intercept:	0
Slope:	0.4435

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	13.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.195174	50.0	638918.0	0.390347	Y
3	STD1 460-953474/16	1.0	0.552598	50.0	681779.0	0.552598	Y
4	STD5 460-953474/6	5.0	2.329863	50.0	648815.0	0.465973	Y
5	STD20 460-953474/7	20.0	9.164452	50.0	684700.0	0.458223	Y
6	STD50 460-953474/8	50.0	22.58339	50.0	730900.0	0.451668	Y
7	STD200 460-953474/9	200.0	78.620501	50.0	791389.0	0.393103	Y
8	STD500 460-953474/10	500.0	196.312432	50.0	818751.0	0.392625	Y



Calibration / Acrylonitrile

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

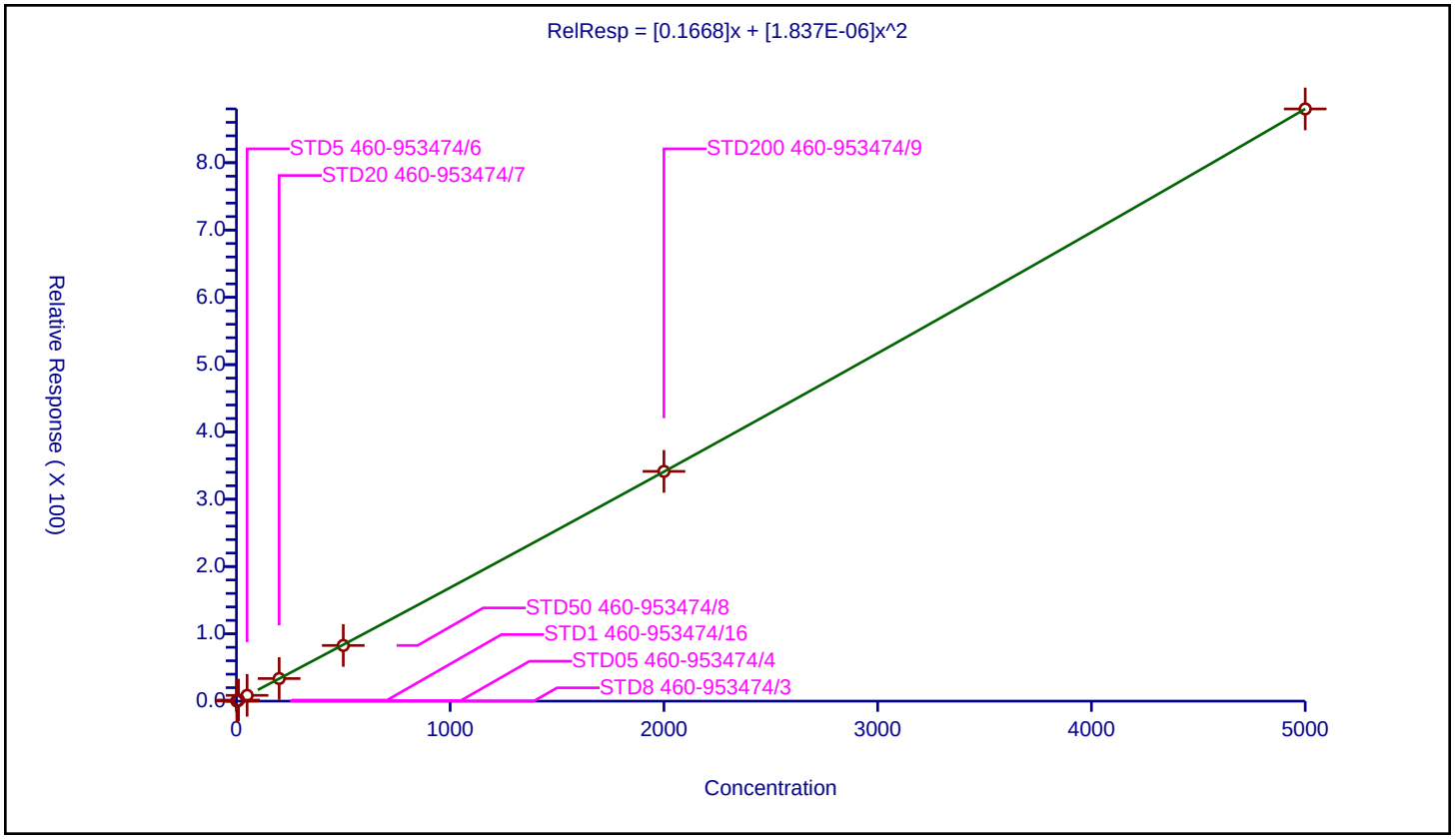
Curve Coefficients

Intercept:	0
Slope:	0.1668
Second Order:	1.837E-06

Error Coefficients

Standard Error:	6300000
Relative Standard Error:	22.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	2.0	0.217624	50.0	636877.0	0.108812	Y
2	STD05 460-953474/4	5.0	0.484256	50.0	638918.0	0.096851	Y
3	STD1 460-953474/16	10.0	1.565243	50.0	681779.0	0.156524	Y
4	STD5 460-953474/6	50.0	8.59621	50.0	648815.0	0.171924	Y
5	STD20 460-953474/7	200.0	33.564992	50.0	684700.0	0.167825	Y
6	STD50 460-953474/8	500.0	82.712546	50.0	730900.0	0.165425	Y
7	STD200 460-953474/9	2000.0	341.375986	50.0	791389.0	0.170688	Y
8	STD500 460-953474/10	5000.0	879.930895	50.0	818751.0	0.175986	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

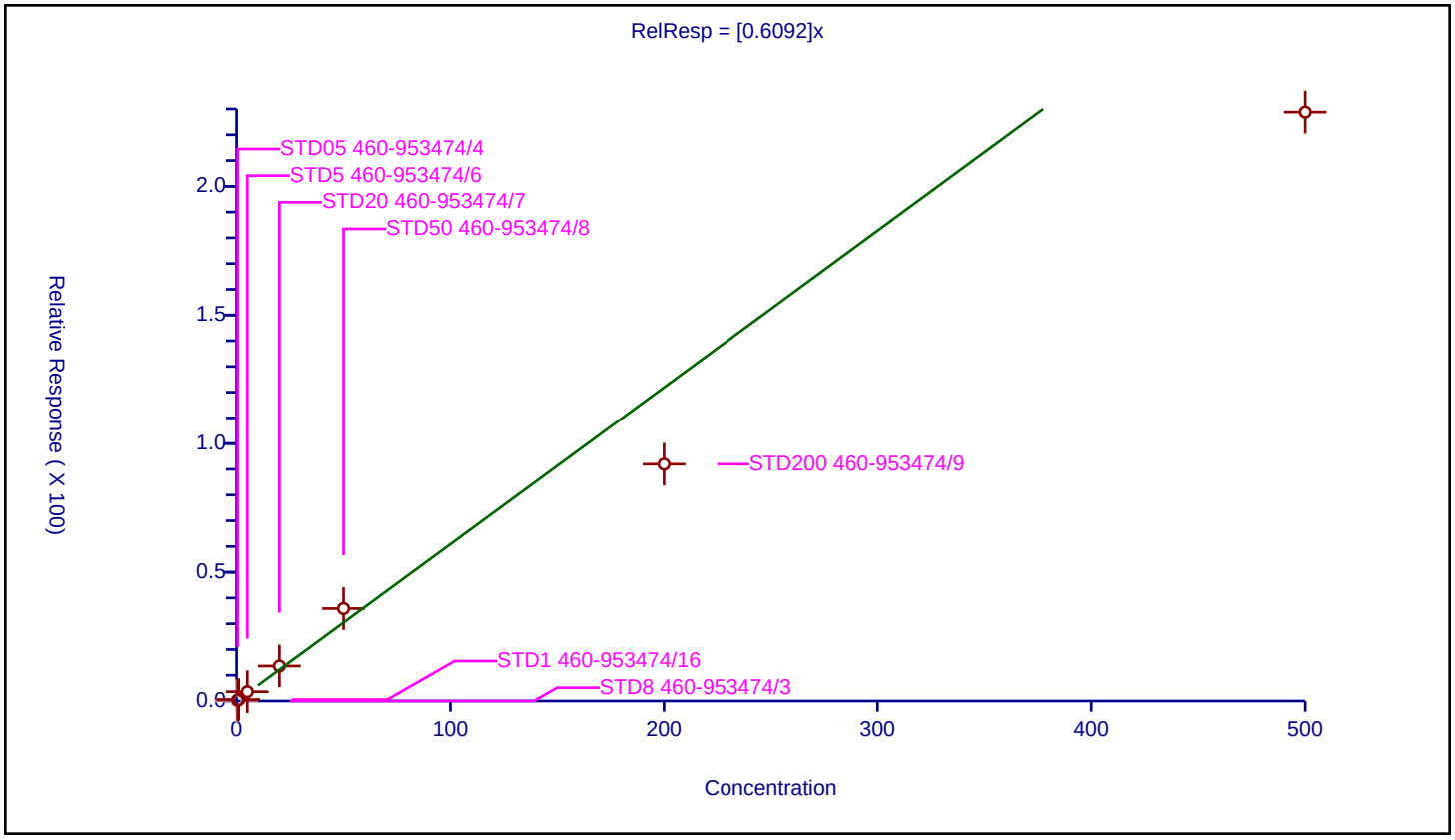
Curve Coefficients

Intercept:	0
Slope:	0.6092

Error Coefficients

Standard Error:	1660000
Relative Standard Error:	18.8
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.330872	50.0	638918.0	0.661744	Y
3	STD1 460-953474/16	1.0	0.566753	50.0	681779.0	0.566753	Y
4	STD5 460-953474/6	5.0	3.603184	50.0	648815.0	0.720637	Y
5	STD20 460-953474/7	20.0	13.5915	50.0	684700.0	0.679575	Y
6	STD50 460-953474/8	50.0	35.907306	50.0	730900.0	0.718146	Y
7	STD200 460-953474/9	200.0	91.987316	50.0	791389.0	0.459937	Y
8	STD500 460-953474/10	500.0	228.791537	50.0	818751.0	0.457583	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

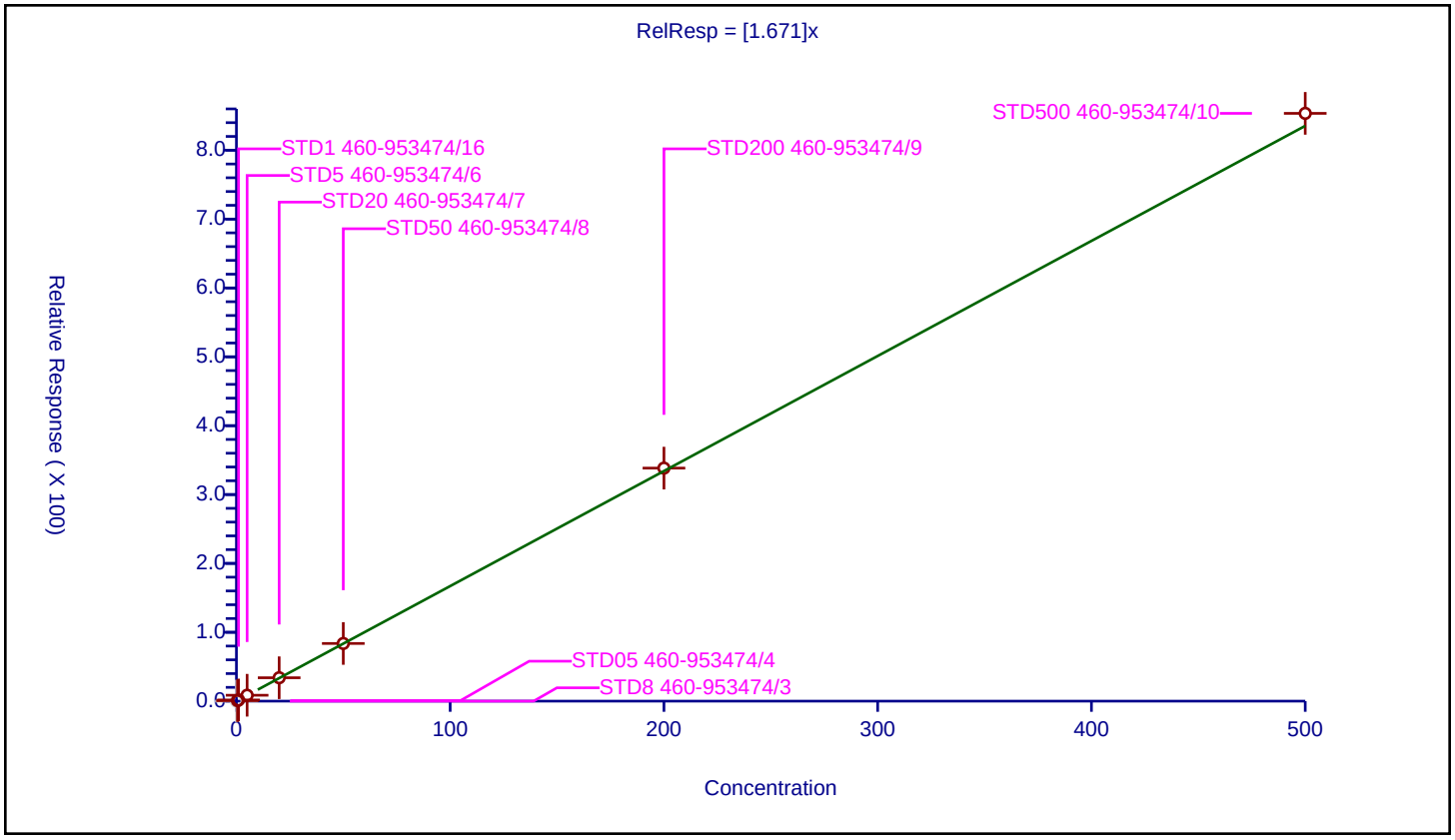
Curve Coefficients

Intercept:	0
Slope:	1.671

Error Coefficients

Standard Error:	6130000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.760035	50.0	638918.0	1.52007	Y
3	STD1 460-953474/16	1.0	1.68581	50.0	681779.0	1.68581	Y
4	STD5 460-953474/6	5.0	8.578254	50.0	648815.0	1.715651	Y
5	STD20 460-953474/7	20.0	33.984446	50.0	684700.0	1.699222	Y
6	STD50 460-953474/8	50.0	83.752429	50.0	730900.0	1.675049	Y
7	STD200 460-953474/9	200.0	338.378724	50.0	791389.0	1.691894	Y
8	STD500 460-953474/10	500.0	853.508698	50.0	818751.0	1.707017	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

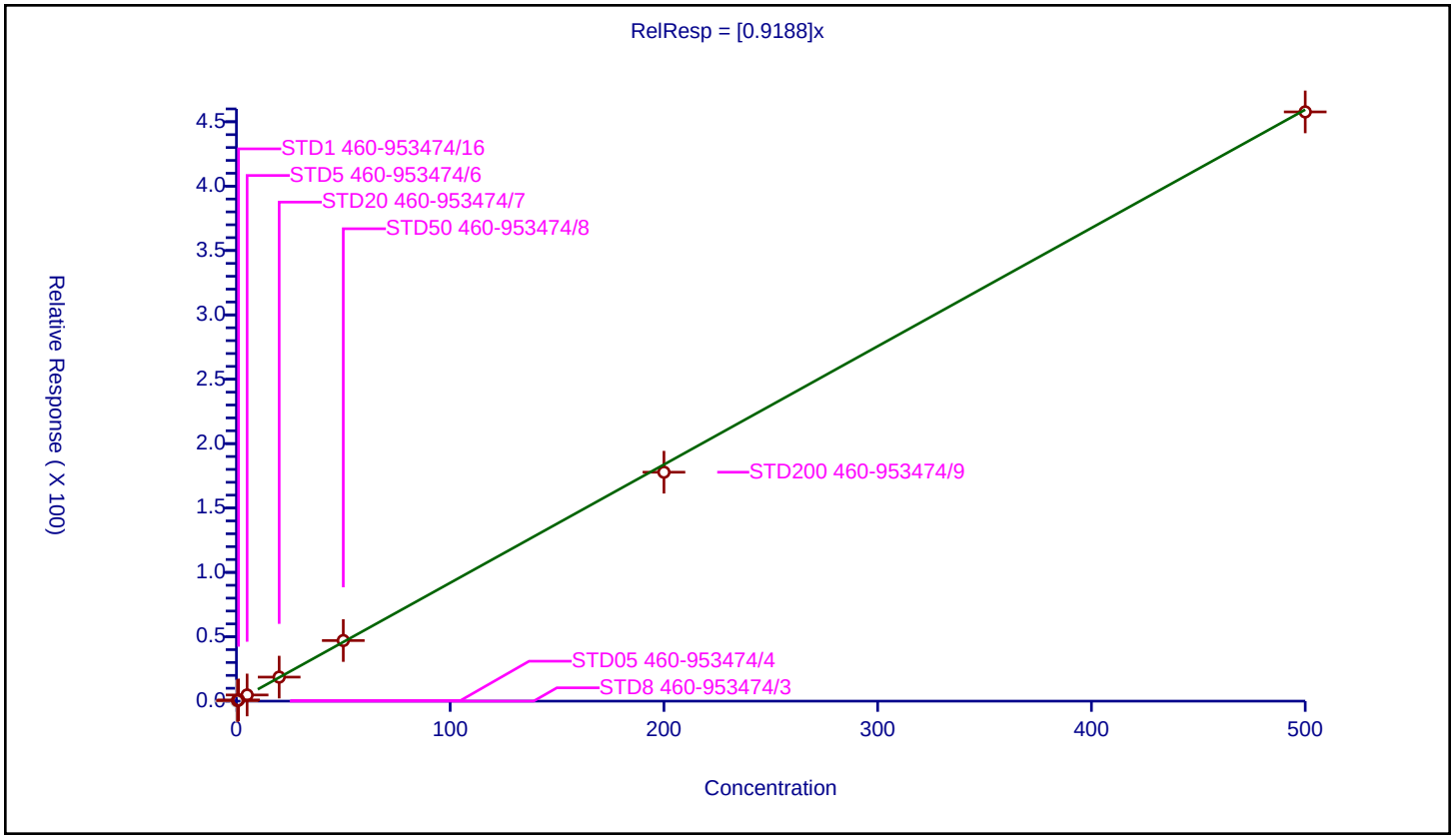
Curve Coefficients

Intercept:	0
Slope:	0.9188

Error Coefficients

Standard Error:	3280000
Relative Standard Error:	3.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.435737	50.0	638918.0	0.871473	Y
3	STD1 460-953474/16	1.0	0.925153	50.0	681779.0	0.925153	Y
4	STD5 460-953474/6	5.0	4.780022	50.0	648815.0	0.956004	Y
5	STD20 460-953474/7	20.0	18.665255	50.0	684700.0	0.933263	Y
6	STD50 460-953474/8	50.0	47.06362	50.0	730900.0	0.941272	Y
7	STD200 460-953474/9	200.0	177.804152	50.0	791389.0	0.889021	Y
8	STD500 460-953474/10	500.0	457.666189	50.0	818751.0	0.915332	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

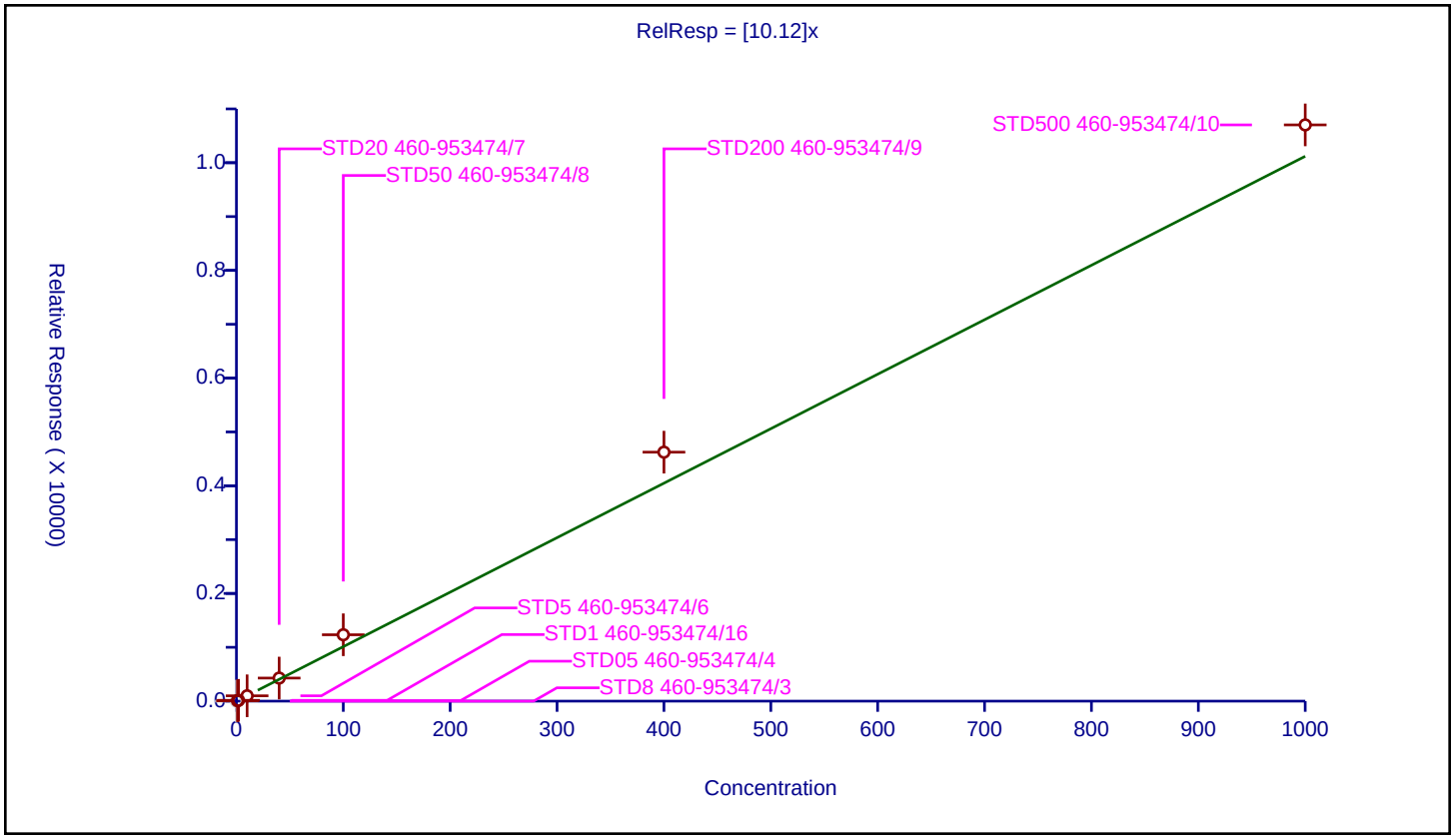
Curve Coefficients

Intercept:	0
Slope:	10.12

Error Coefficients

Standard Error:	7890000
Relative Standard Error:	17.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	1.0	8.055496	250.0	303085.0	8.055496	Y
3	STD1 460-953474/16	2.0	15.130912	250.0	304823.0	7.565456	Y
4	STD5 460-953474/6	10.0	99.03219	250.0	299284.0	9.903219	Y
5	STD20 460-953474/7	40.0	428.75596	250.0	333470.0	10.718899	Y
6	STD50 460-953474/8	100.0	1233.229671	250.0	343583.0	12.332297	Y
7	STD200 460-953474/9	400.0	4624.532379	250.0	414599.0	11.561331	Y
8	STD500 460-953474/10	1000.0	10702.733314	250.0	412759.0	10.702733	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

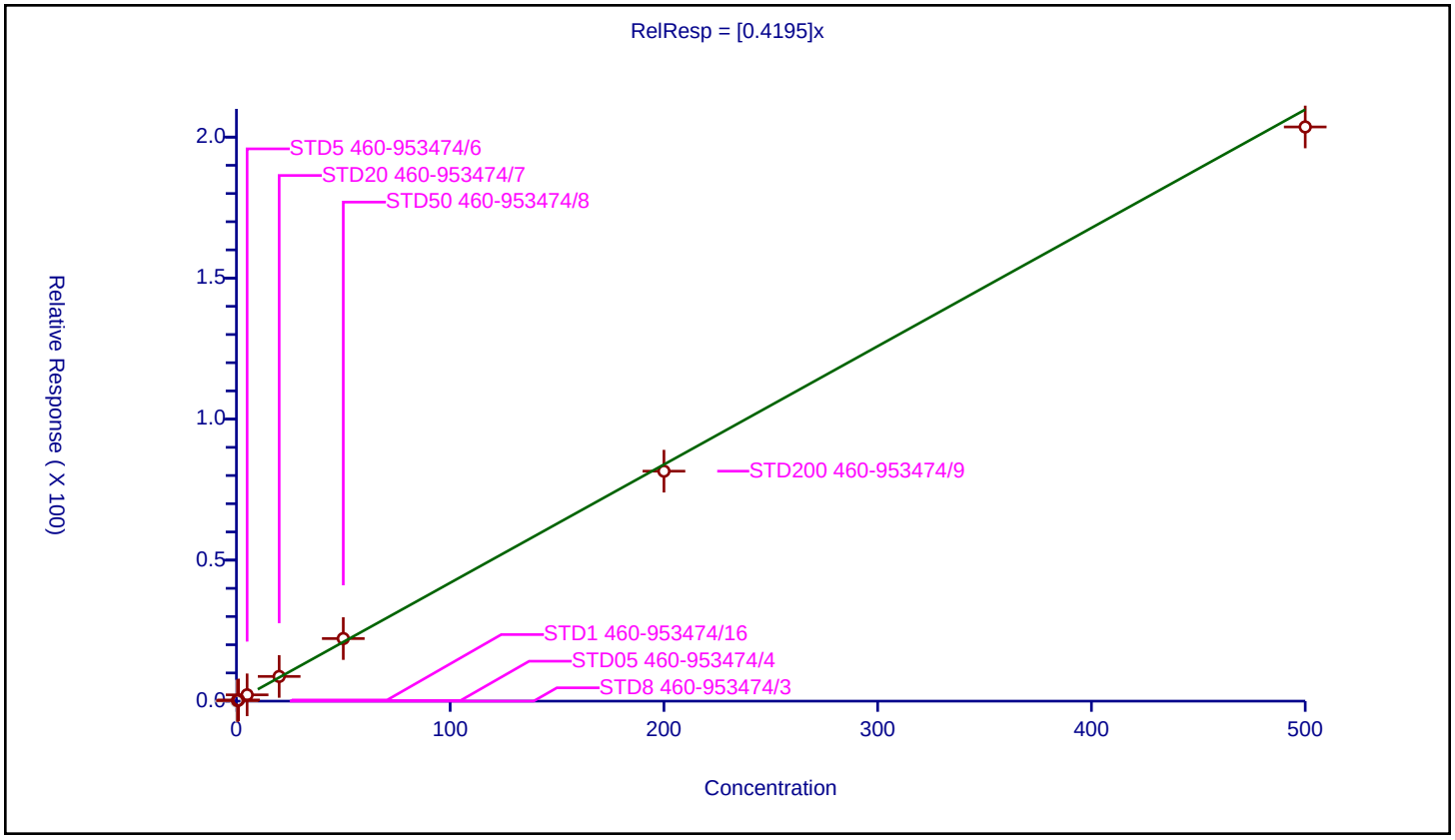
Curve Coefficients

Intercept:	0
Slope:	0.4195

Error Coefficients

Standard Error:	1470000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.19173	50.0	638918.0	0.383461	Y
3	STD1 460-953474/16	1.0	0.409444	50.0	681779.0	0.409444	Y
4	STD5 460-953474/6	5.0	2.235537	50.0	648815.0	0.447107	Y
5	STD20 460-953474/7	20.0	8.756098	50.0	684700.0	0.437805	Y
6	STD50 460-953474/8	50.0	22.189629	50.0	730900.0	0.443793	Y
7	STD200 460-953474/9	200.0	81.543274	50.0	791389.0	0.407716	Y
8	STD500 460-953474/10	500.0	203.599446	50.0	818751.0	0.407199	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

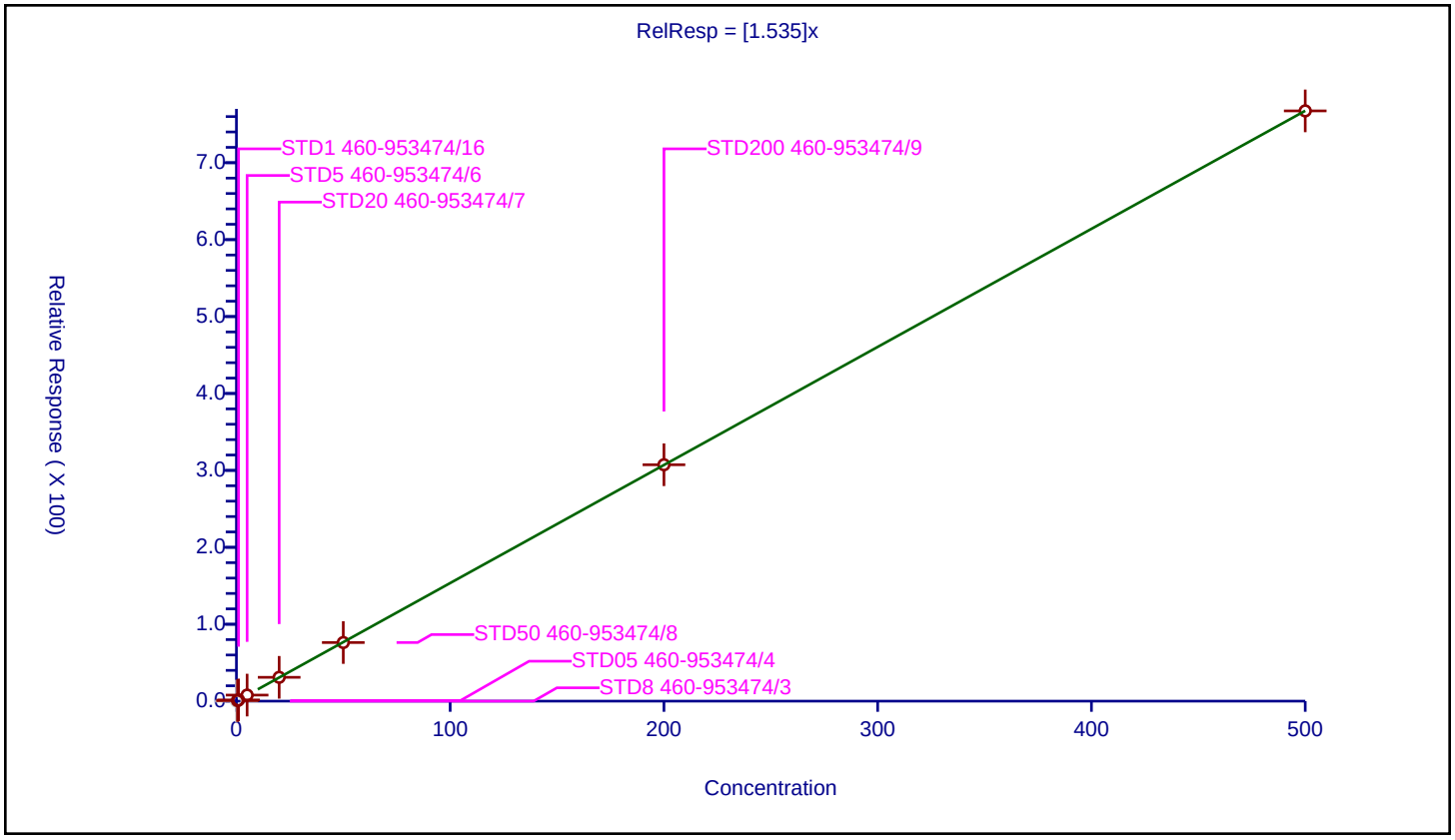
Curve Coefficients

Intercept:	0
Slope:	1.535

Error Coefficients

Standard Error:	5520000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.737966	50.0	638918.0	1.475933	Y
3	STD1 460-953474/16	1.0	1.549476	50.0	681779.0	1.549476	Y
4	STD5 460-953474/6	5.0	7.875897	50.0	648815.0	1.575179	Y
5	STD20 460-953474/7	20.0	30.990799	50.0	684700.0	1.54954	Y
6	STD50 460-953474/8	50.0	76.193118	50.0	730900.0	1.523862	Y
7	STD200 460-953474/9	200.0	307.332172	50.0	791389.0	1.536661	Y
8	STD500 460-953474/10	500.0	767.388193	50.0	818751.0	1.534776	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

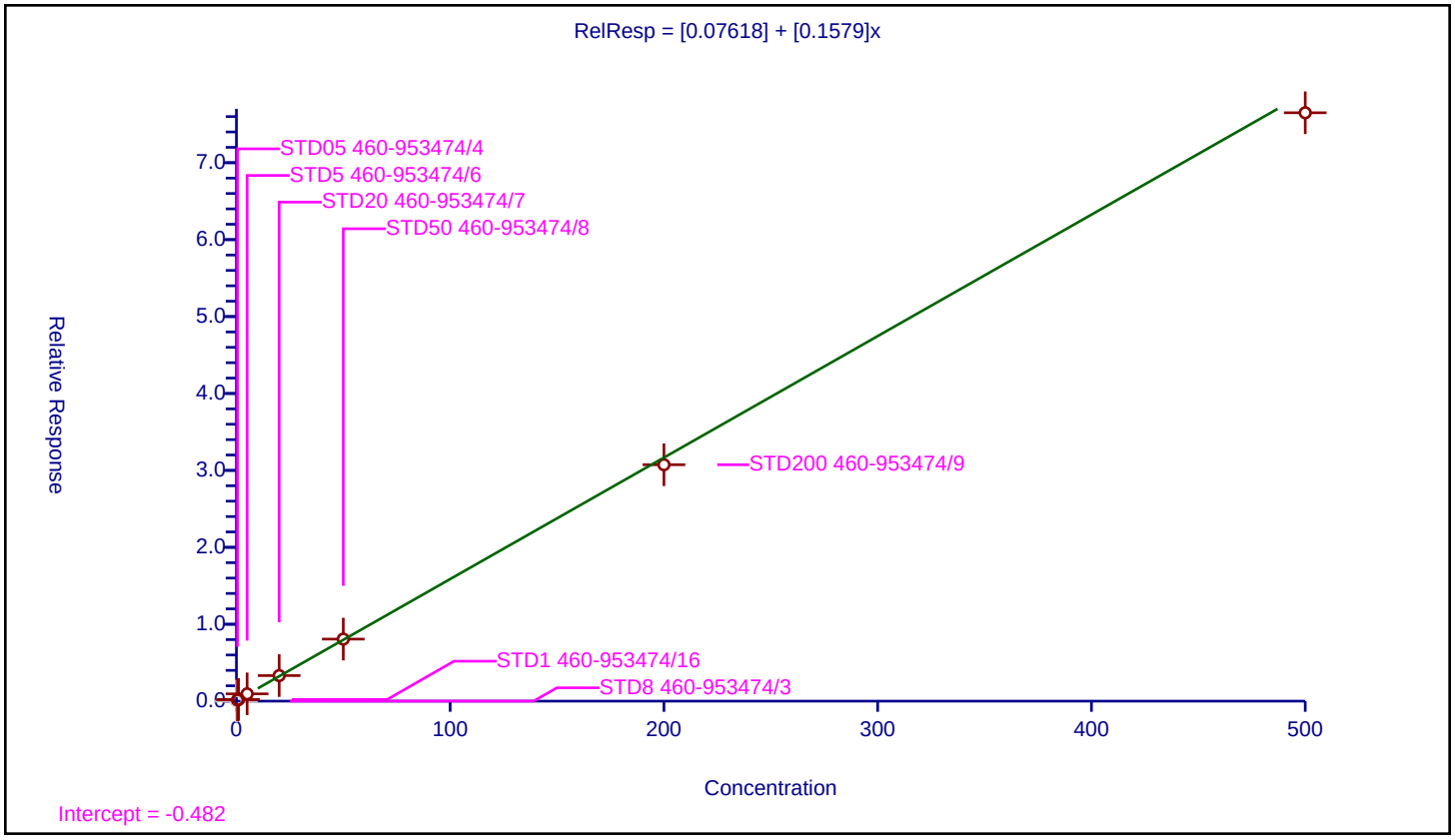
Curve Coefficients

Intercept:	0.07618
Slope:	0.1579

Error Coefficients

Standard Error:	604000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.159801	50.0	638918.0	0.319603	Y
3	STD1 460-953474/16	1.0	0.212019	50.0	681779.0	0.212019	Y
4	STD5 460-953474/6	5.0	0.946957	50.0	648815.0	0.189391	Y
5	STD20 460-953474/7	20.0	3.322842	50.0	684700.0	0.166142	Y
6	STD50 460-953474/8	50.0	8.06793	50.0	730900.0	0.161359	Y
7	STD200 460-953474/9	200.0	30.735896	50.0	791389.0	0.153679	Y
8	STD500 460-953474/10	500.0	76.499449	50.0	818751.0	0.152999	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

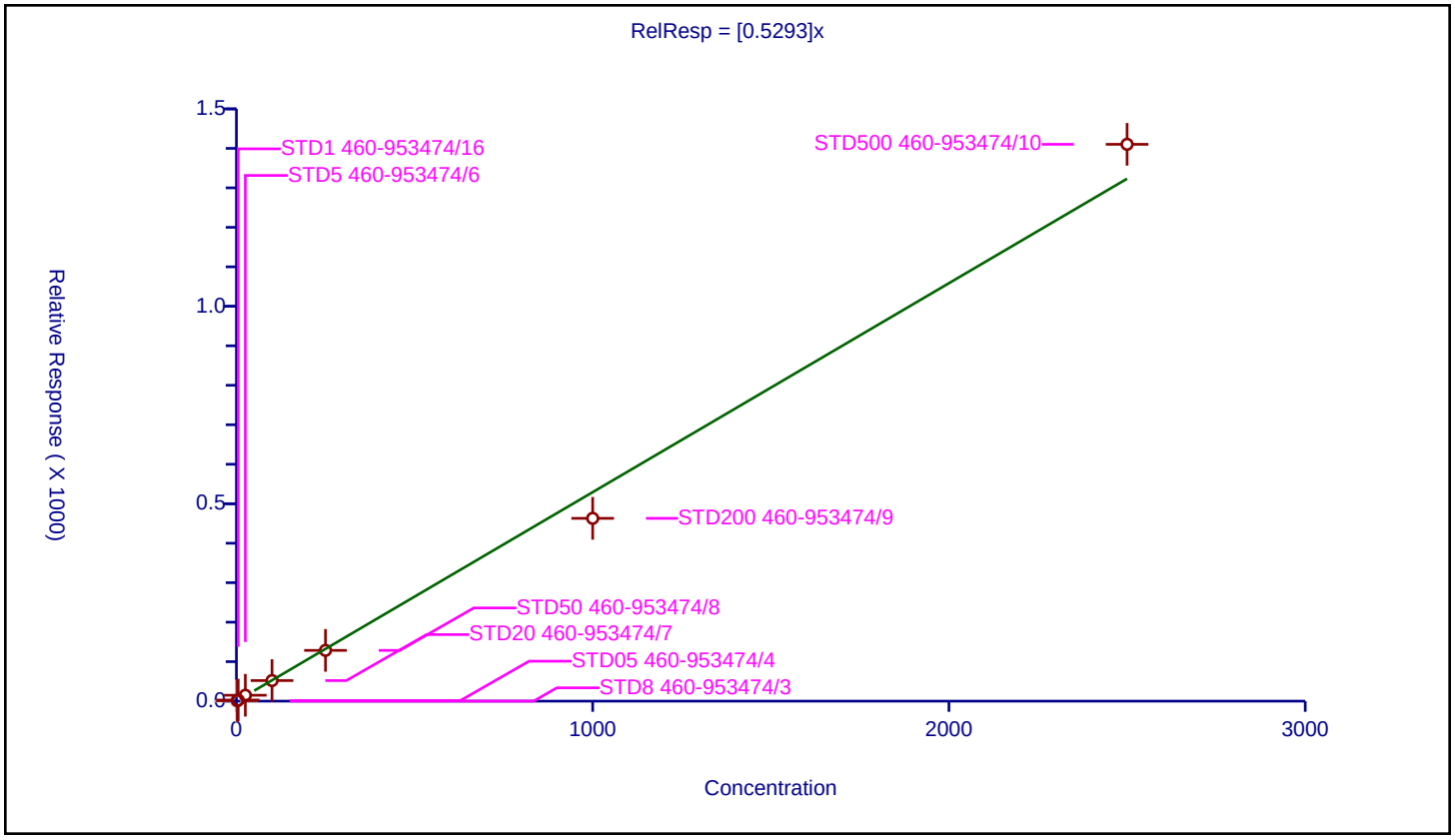
Curve Coefficients

Intercept:	0
Slope:	0.5293

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	8.7
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	2.5	1.225729	250.0	303085.0	0.490292	Y
3	STD1 460-953474/16	5.0	2.768	250.0	304823.0	0.5536	Y
4	STD5 460-953474/6	25.0	14.962377	250.0	299284.0	0.598495	Y
5	STD20 460-953474/7	100.0	52.105887	250.0	333470.0	0.521059	Y
6	STD50 460-953474/8	250.0	128.56646	250.0	343583.0	0.514266	Y
7	STD200 460-953474/9	1000.0	462.961199	250.0	414599.0	0.462961	Y
8	STD500 460-953474/10	2500.0	1410.308437	250.0	412759.0	0.564123	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

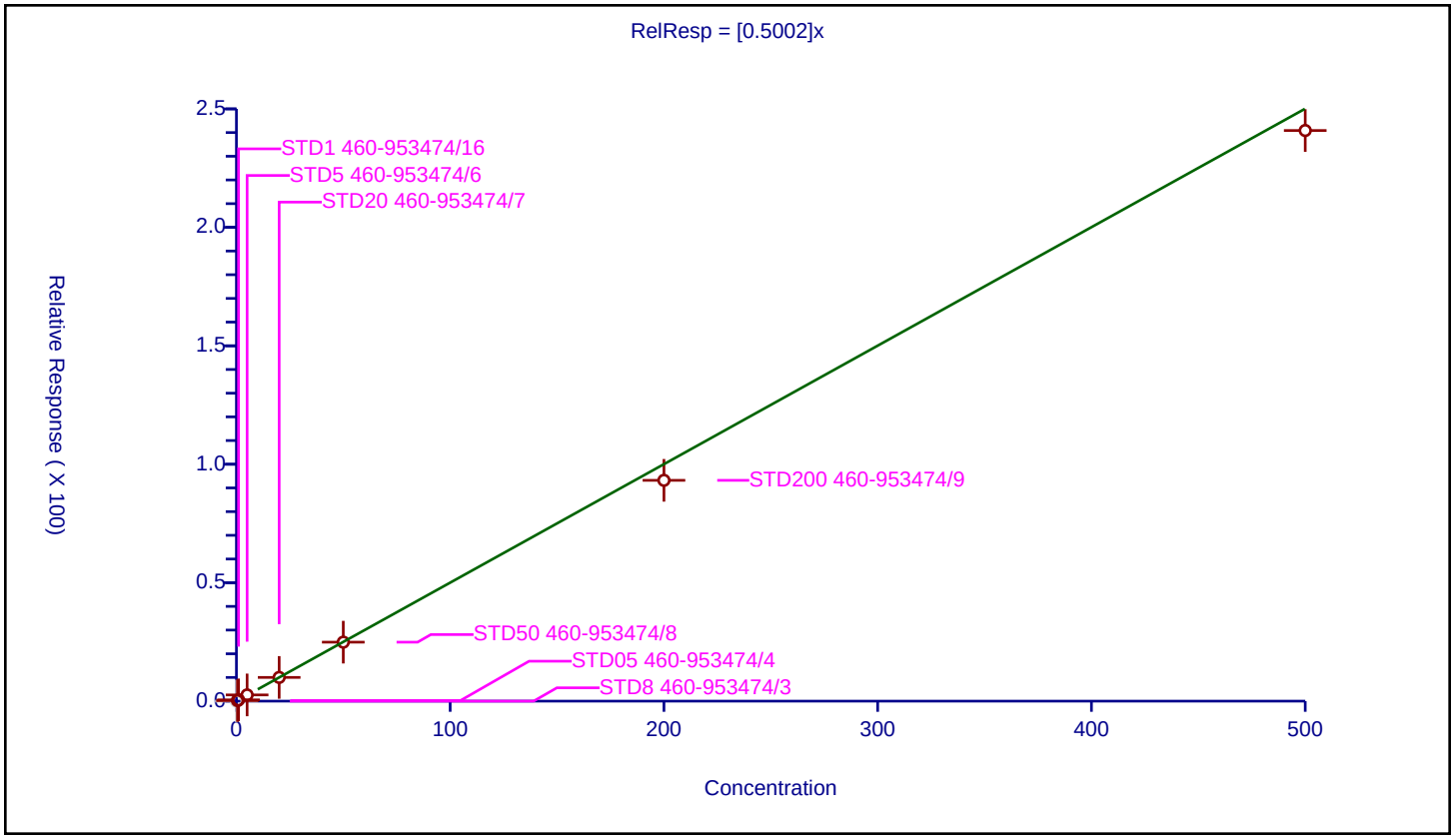
Curve Coefficients

Intercept:	0
Slope:	0.5002

Error Coefficients

Standard Error:	1730000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.24698	50.0	638918.0	0.49396	Y
3	STD1 460-953474/16	1.0	0.535071	50.0	681779.0	0.535071	Y
4	STD5 460-953474/6	5.0	2.628407	50.0	648815.0	0.525681	Y
5	STD20 460-953474/7	20.0	10.015116	50.0	684700.0	0.500756	Y
6	STD50 460-953474/8	50.0	24.901423	50.0	730900.0	0.498028	Y
7	STD200 460-953474/9	200.0	93.205175	50.0	791389.0	0.466026	Y
8	STD500 460-953474/10	500.0	240.869935	50.0	818751.0	0.48174	Y



Calibration / Ethyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

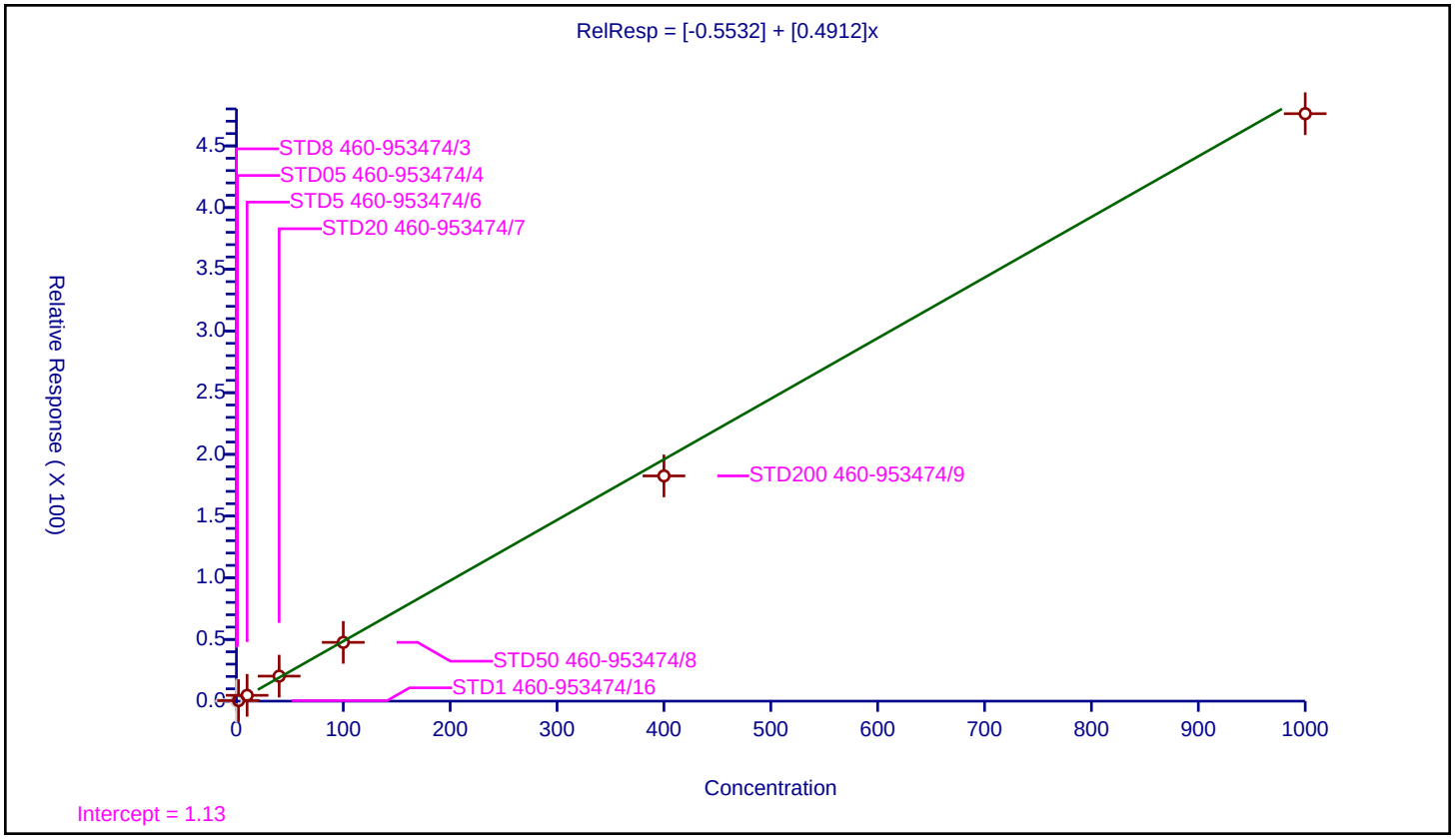
Curve Coefficients

Intercept:	-0.5532
Slope:	0.4912

Error Coefficients

Standard Error:	422000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	1.0	1.1053	250.0	303085.0	1.1053	N
3	STD1 460-953474/16	2.0	0.412534	250.0	304823.0	0.206267	Y
4	STD5 460-953474/6	10.0	4.721268	250.0	299284.0	0.472127	Y
5	STD20 460-953474/7	40.0	20.279186	250.0	333470.0	0.50698	Y
6	STD50 460-953474/8	100.0	47.626774	250.0	343583.0	0.476268	Y
7	STD200 460-953474/9	400.0	182.537223	250.0	414599.0	0.456343	Y
8	STD500 460-953474/10	1000.0	476.118631	250.0	412759.0	0.476119	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

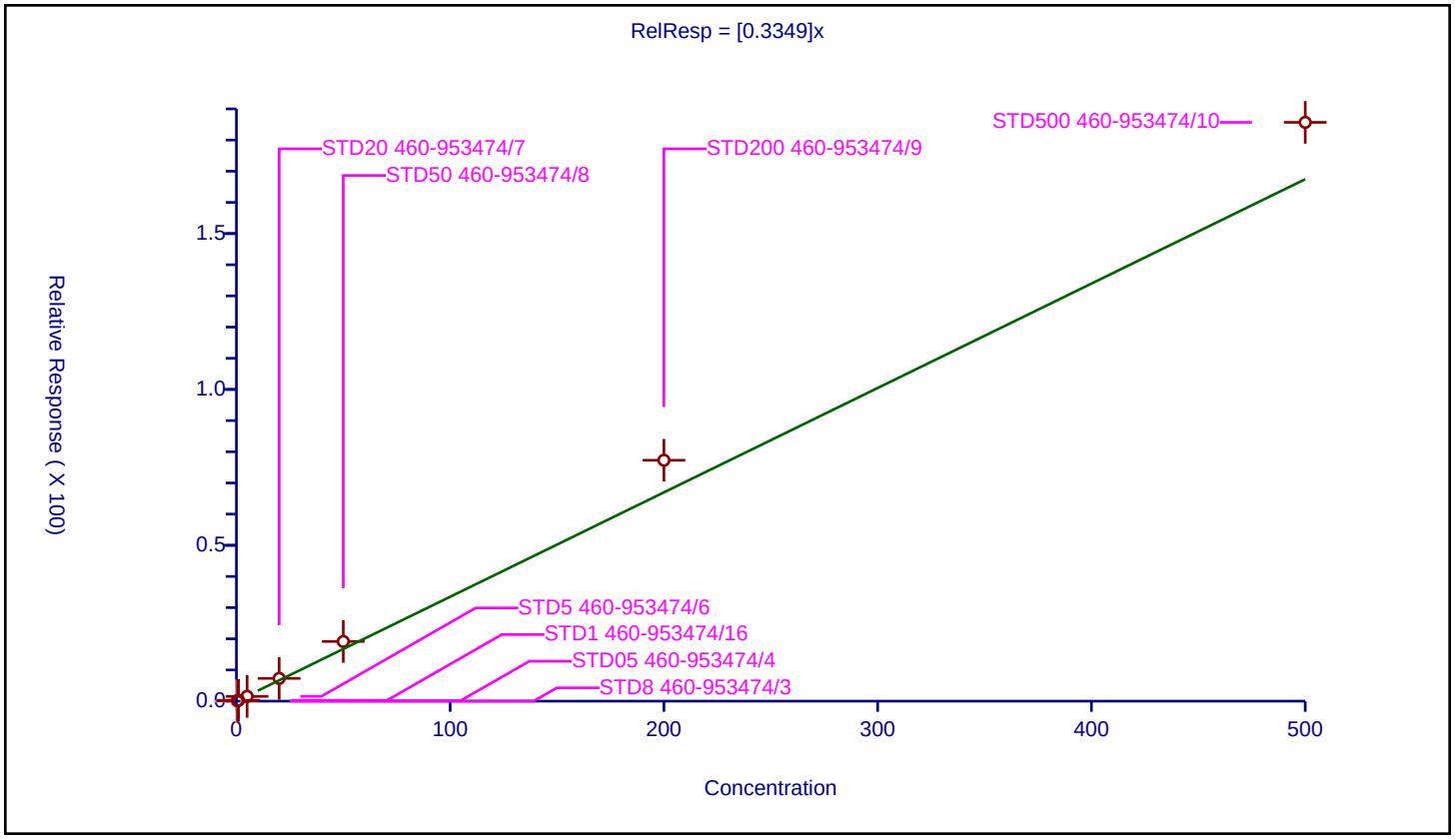
Curve Coefficients

Intercept:	0
Slope:	0.3349

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	16.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.125838	50.0	638918.0	0.251675	Y
3	STD1 460-953474/16	1.0	0.280736	50.0	681779.0	0.280736	Y
4	STD5 460-953474/6	5.0	1.530174	50.0	648815.0	0.306035	Y
5	STD20 460-953474/7	20.0	7.300716	50.0	684700.0	0.365036	Y
6	STD50 460-953474/8	50.0	19.140991	50.0	730900.0	0.38282	Y
7	STD200 460-953474/9	200.0	77.282601	50.0	791389.0	0.386413	Y
8	STD500 460-953474/10	500.0	185.674521	50.0	818751.0	0.371349	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

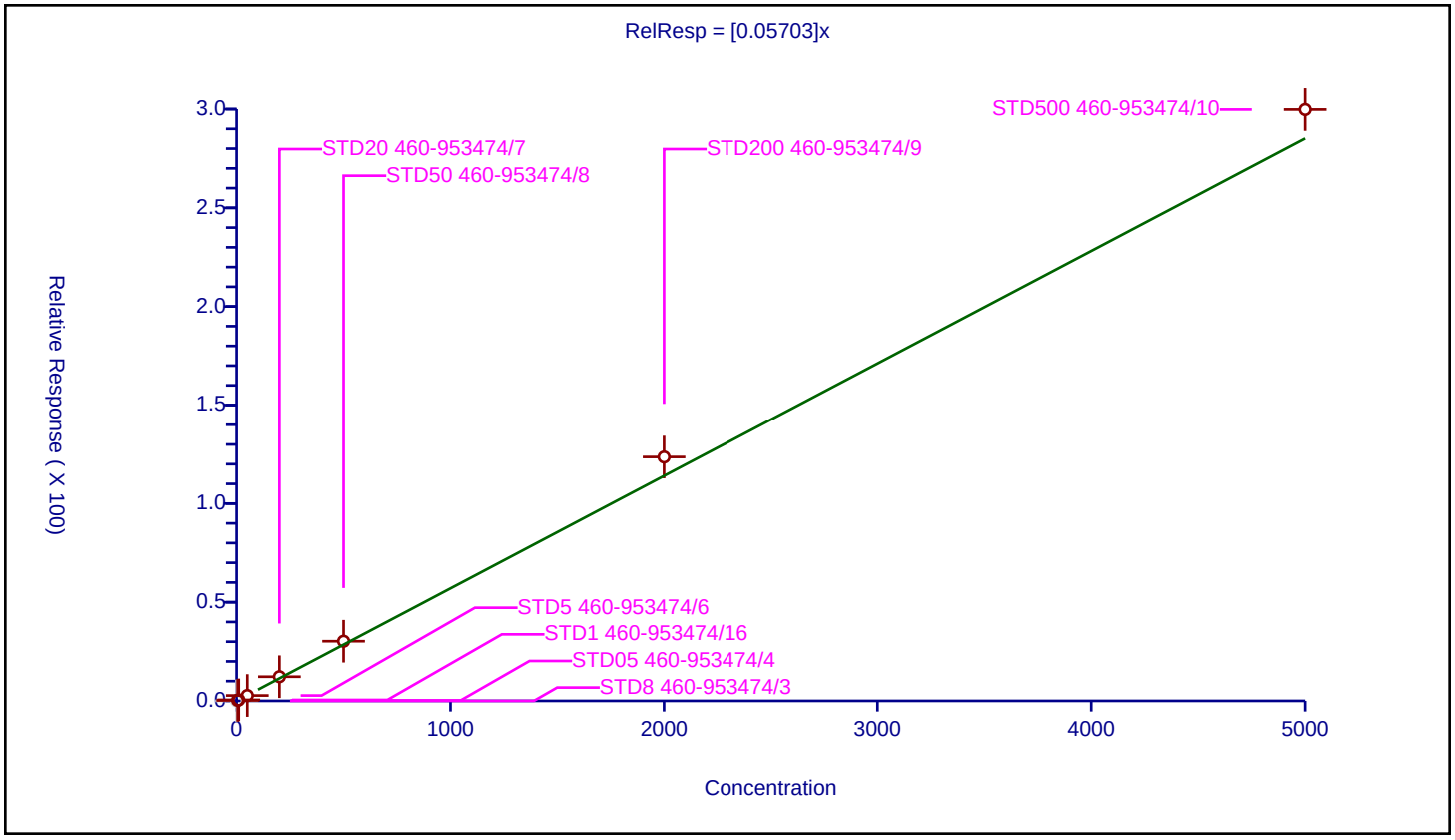
Curve Coefficients

Intercept:	0
Slope:	0.05703

Error Coefficients

Standard Error:	2170000
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	5.0	0.254649	50.0	638918.0	0.05093	Y
3	STD1 460-953474/16	10.0	0.504782	50.0	681779.0	0.050478	Y
4	STD5 460-953474/6	50.0	2.715181	50.0	648815.0	0.054304	Y
5	STD20 460-953474/7	200.0	12.248649	50.0	684700.0	0.061243	Y
6	STD50 460-953474/8	500.0	30.242167	50.0	730900.0	0.060484	Y
7	STD200 460-953474/9	2000.0	123.630983	50.0	791389.0	0.061815	Y
8	STD500 460-953474/10	5000.0	299.811298	50.0	818751.0	0.059962	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

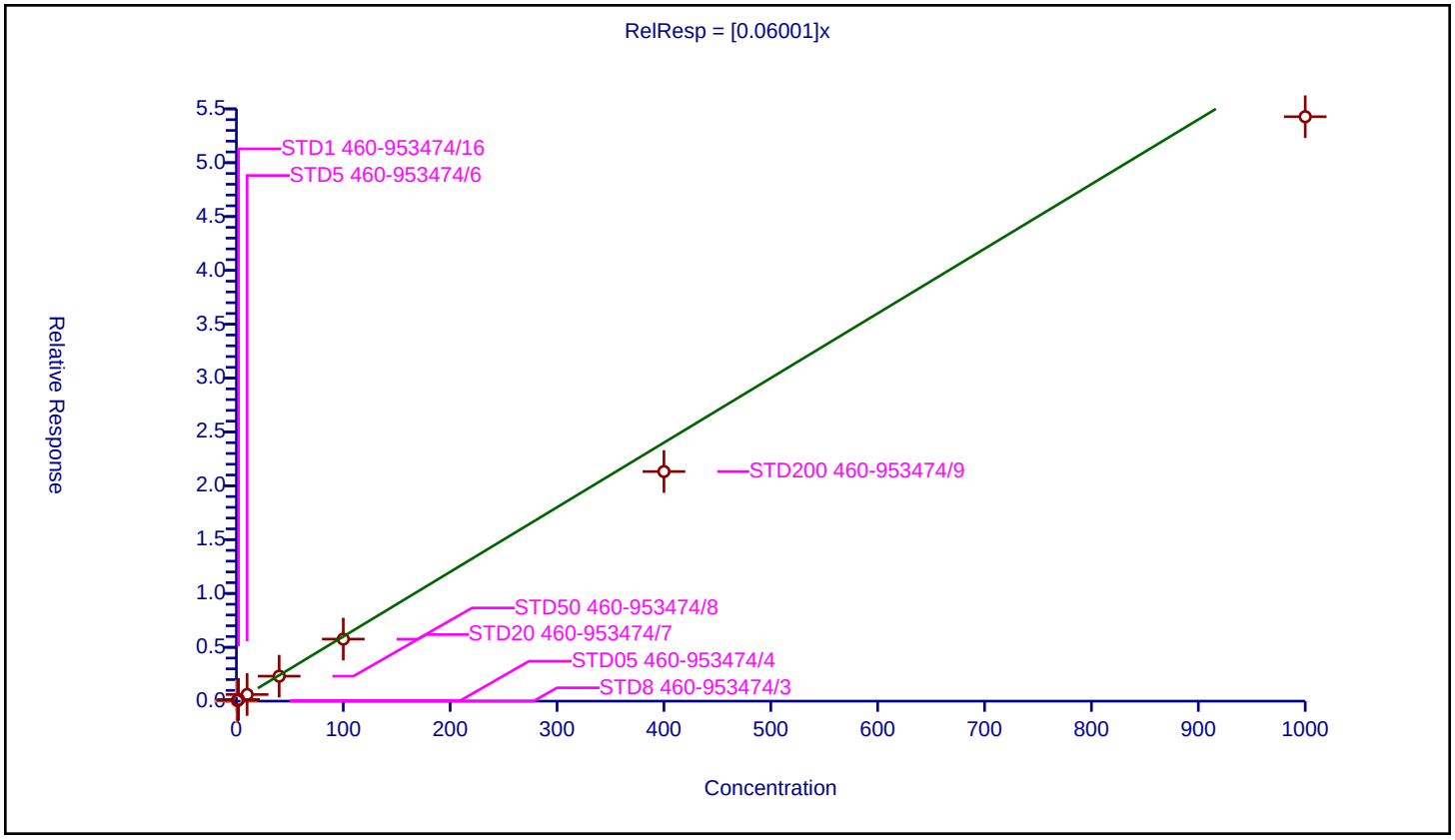
Curve Coefficients

Intercept:	0
Slope:	0.06001

Error Coefficients

Standard Error:	390000
Relative Standard Error:	13.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	1.0	0.057989	50.0	638918.0	0.057989	Y
3	STD1 460-953474/16	2.0	0.154449	50.0	681779.0	0.077224	Y
4	STD5 460-953474/6	10.0	0.617202	50.0	648815.0	0.06172	Y
5	STD20 460-953474/7	40.0	2.31941	50.0	684700.0	0.057985	Y
6	STD50 460-953474/8	100.0	5.760774	50.0	730900.0	0.057608	Y
7	STD200 460-953474/9	400.0	21.32112	50.0	791389.0	0.053303	Y
8	STD500 460-953474/10	1000.0	54.272422	50.0	818751.0	0.054272	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

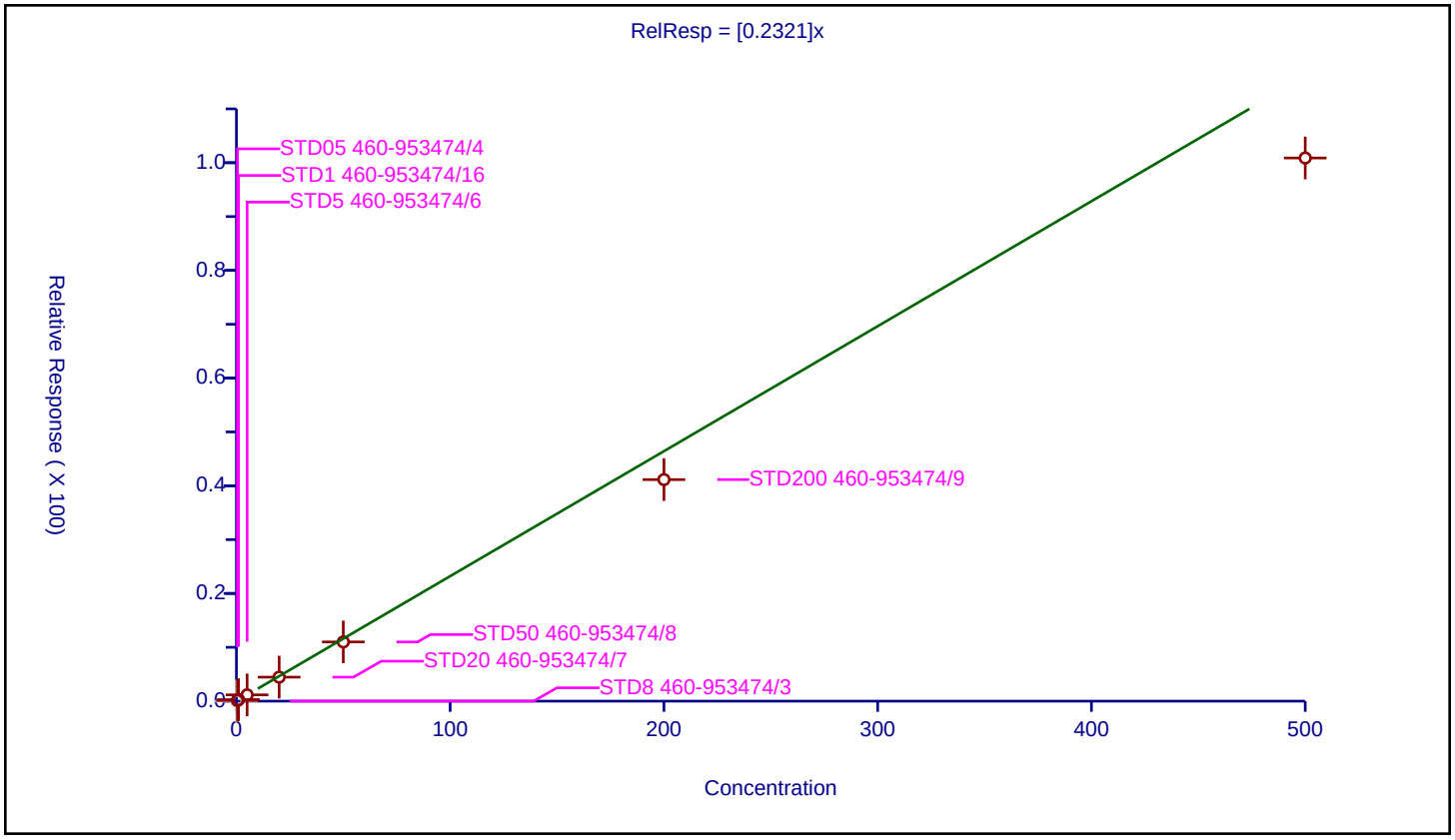
Curve Coefficients

Intercept:	0
Slope:	0.2321

Error Coefficients

Standard Error:	728000
Relative Standard Error:	12.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.129751	50.0	638918.0	0.259501	Y
3	STD1 460-953474/16	1.0	0.281543	50.0	681779.0	0.281543	Y
4	STD5 460-953474/6	5.0	1.166742	50.0	648815.0	0.233348	Y
5	STD20 460-953474/7	20.0	4.459033	50.0	684700.0	0.222952	Y
6	STD50 460-953474/8	50.0	11.0	50.0	730900.0	0.22	Y
7	STD200 460-953474/9	200.0	41.146895	50.0	791389.0	0.205734	Y
8	STD500 460-953474/10	500.0	100.876091	50.0	818751.0	0.201752	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

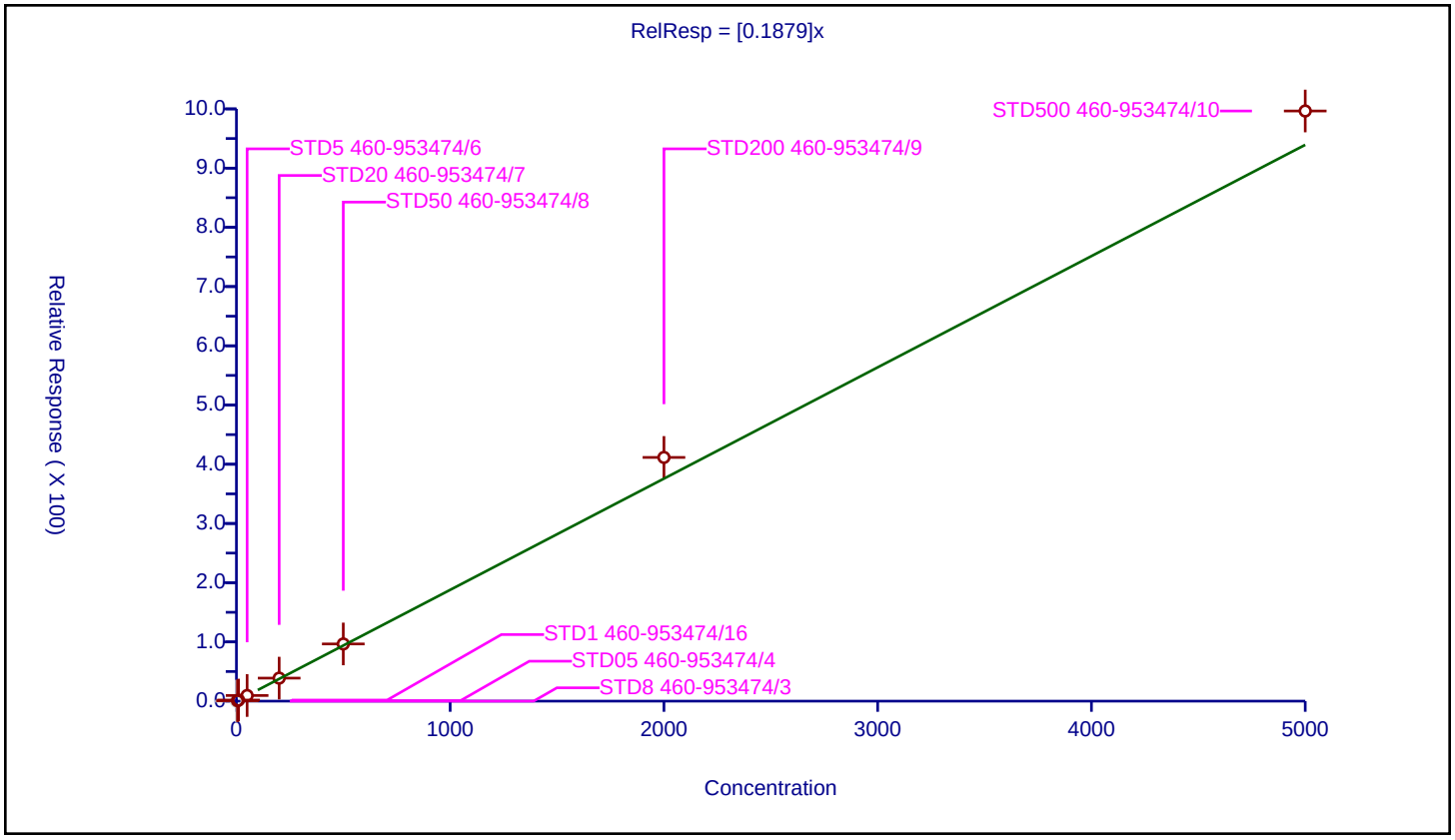
Curve Coefficients

Intercept:	0
Slope:	0.1879

Error Coefficients

Standard Error:	7200000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	5.0	0.751505	50.0	638918.0	0.150301	Y
3	STD1 460-953474/16	10.0	1.821265	50.0	681779.0	0.182126	Y
4	STD5 460-953474/6	50.0	9.507178	50.0	648815.0	0.190144	Y
5	STD20 460-953474/7	200.0	38.860304	50.0	684700.0	0.194302	Y
6	STD50 460-953474/8	500.0	96.554932	50.0	730900.0	0.19311	Y
7	STD200 460-953474/9	2000.0	411.495864	50.0	791389.0	0.205748	Y
8	STD500 460-953474/10	5000.0	996.452768	50.0	818751.0	0.199291	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

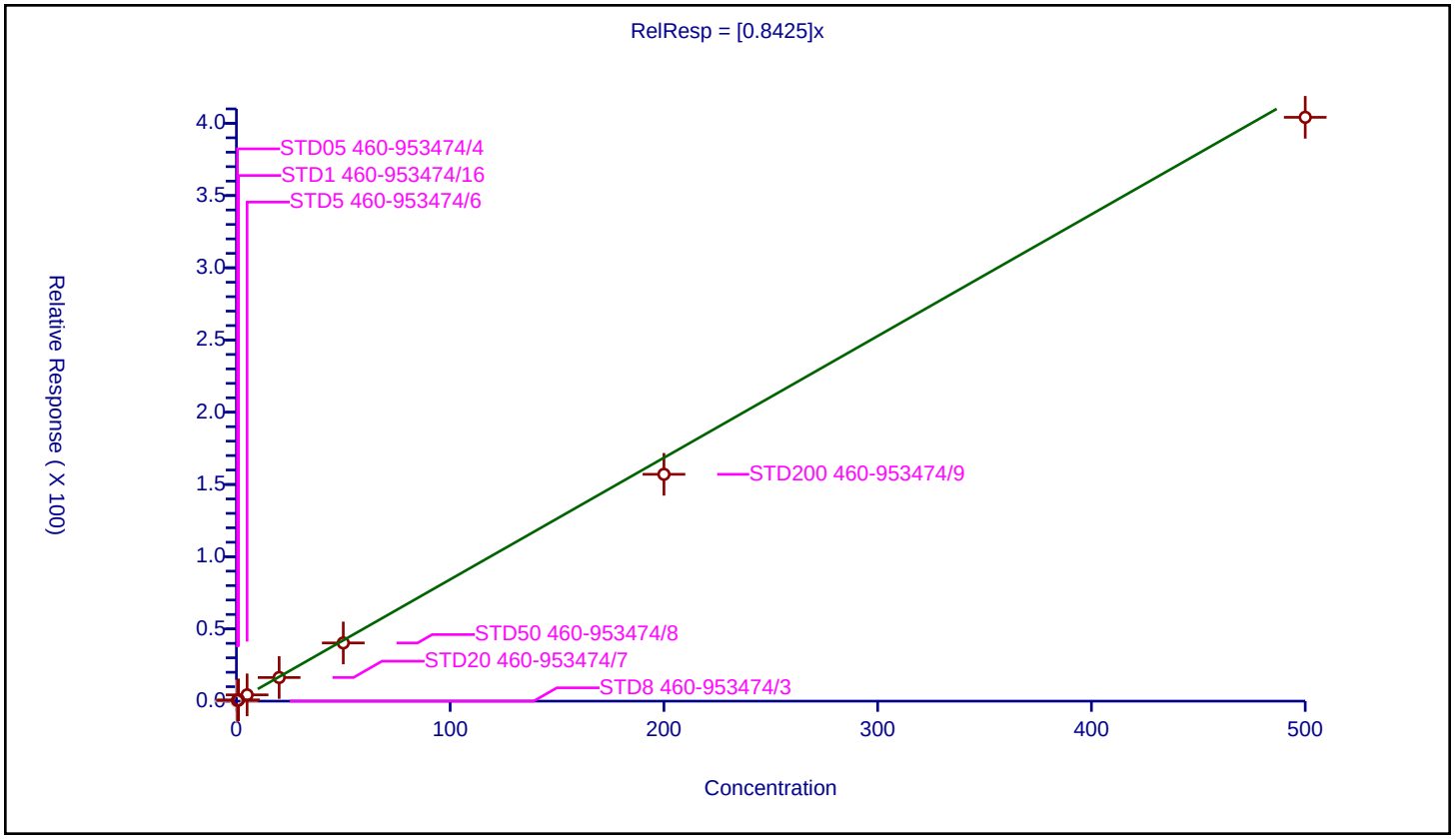
Curve Coefficients

Intercept:	0
Slope:	0.8425

Error Coefficients

Standard Error:	2900000
Relative Standard Error:	6.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.473144	50.0	638918.0	0.946287	Y
3	STD1 460-953474/16	1.0	0.86223	50.0	681779.0	0.86223	Y
4	STD5 460-953474/6	5.0	4.359178	50.0	648815.0	0.871836	Y
5	STD20 460-953474/7	20.0	16.348985	50.0	684700.0	0.817449	Y
6	STD50 460-953474/8	50.0	40.301136	50.0	730900.0	0.806023	Y
7	STD200 460-953474/9	200.0	157.031814	50.0	791389.0	0.785159	Y
8	STD500 460-953474/10	500.0	404.171598	50.0	818751.0	0.808343	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

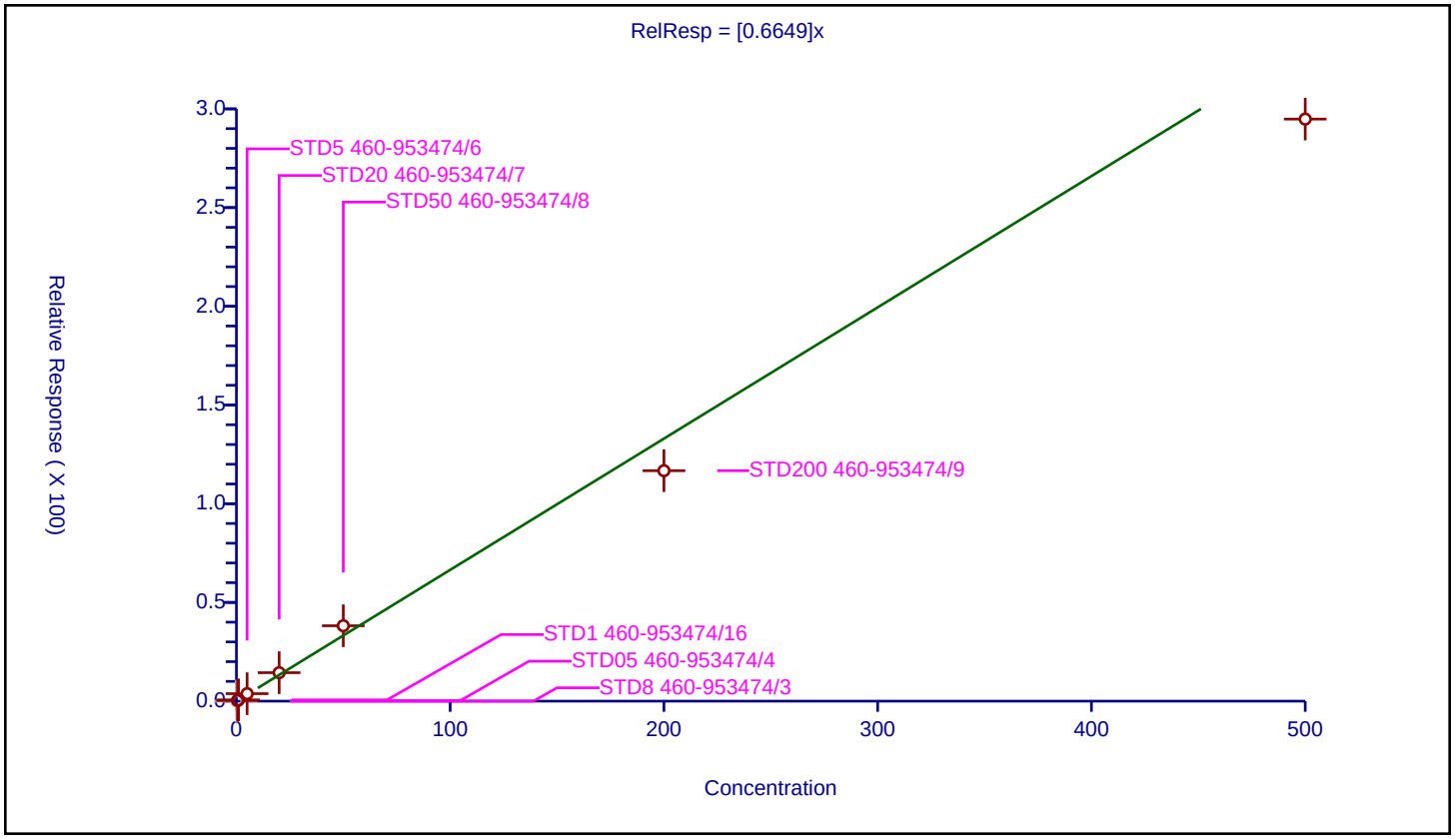
Curve Coefficients

Intercept:	0
Slope:	0.6649

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	12.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.297613	50.0	638918.0	0.595225	Y
3	STD1 460-953474/16	1.0	0.64361	50.0	681779.0	0.64361	Y
4	STD5 460-953474/6	5.0	3.788291	50.0	648815.0	0.757658	Y
5	STD20 460-953474/7	20.0	14.411567	50.0	684700.0	0.720578	Y
6	STD50 460-953474/8	50.0	38.187303	50.0	730900.0	0.763746	Y
7	STD200 460-953474/9	200.0	116.728436	50.0	791389.0	0.583642	Y
8	STD500 460-953474/10	500.0	294.831701	50.0	818751.0	0.589663	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

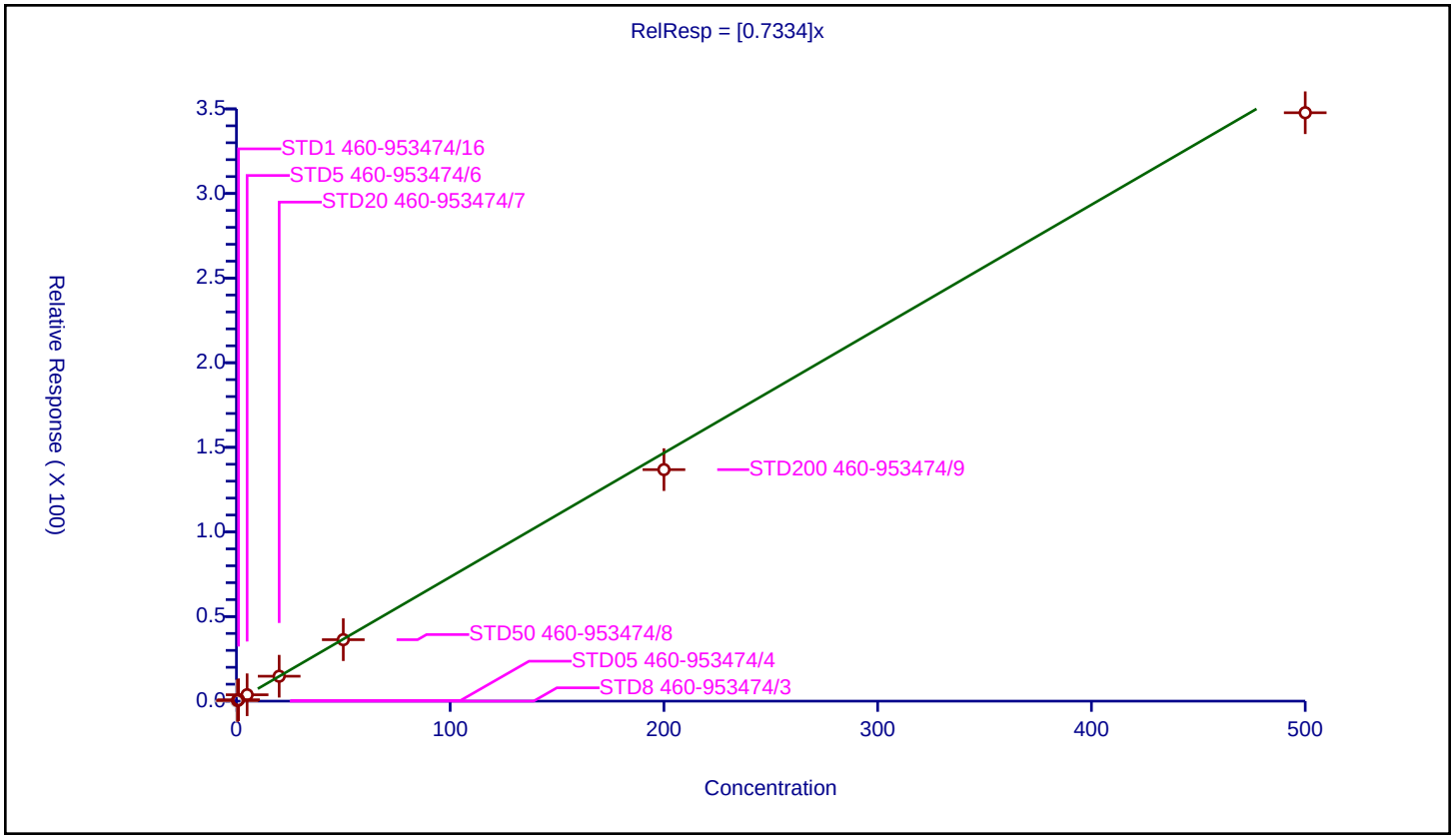
Curve Coefficients

Intercept:	0
Slope:	0.7334

Error Coefficients

Standard Error:	2500000
Relative Standard Error:	5.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.361862	50.0	638918.0	0.723724	Y
3	STD1 460-953474/16	1.0	0.812947	50.0	681779.0	0.812947	Y
4	STD5 460-953474/6	5.0	3.774959	50.0	648815.0	0.754992	Y
5	STD20 460-953474/7	20.0	14.724697	50.0	684700.0	0.736235	Y
6	STD50 460-953474/8	50.0	36.316459	50.0	730900.0	0.726329	Y
7	STD200 460-953474/9	200.0	136.820893	50.0	791389.0	0.684104	Y
8	STD500 460-953474/10	500.0	347.739117	50.0	818751.0	0.695478	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

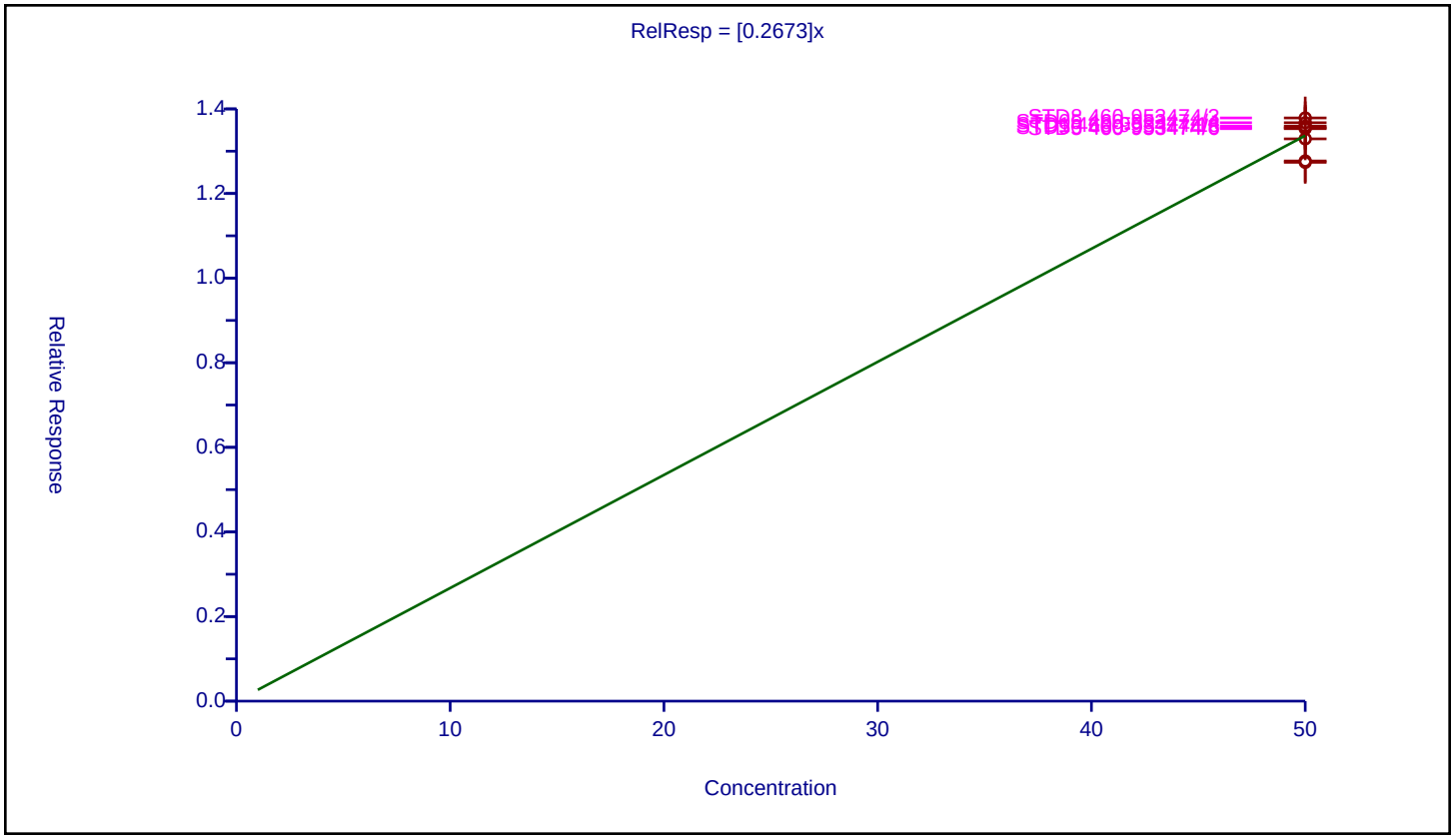
Curve Coefficients

Intercept:	0
Slope:	0.2673

Error Coefficients

Standard Error:	202000
Relative Standard Error:	3.0
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	50.0	13.785864	50.0	636877.0	0.275717	Y
2	STD05 460-953474/4	50.0	13.673351	50.0	638918.0	0.273467	Y
3	STD5 460-953474/6	50.0	13.532055	50.0	648815.0	0.270641	Y
4	STD20 460-953474/7	50.0	12.76895	50.0	684700.0	0.255379	Y
5	STD50 460-953474/8	50.0	13.554522	50.0	730900.0	0.27109	Y
6	STD200 460-953474/9	50.0	12.736783	50.0	791389.0	0.254736	Y
7	STD500 460-953474/10	50.0	13.291709	50.0	818751.0	0.265834	Y
8	STD1 460-953474/16	50.0	13.592014	50.0	681779.0	0.27184	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

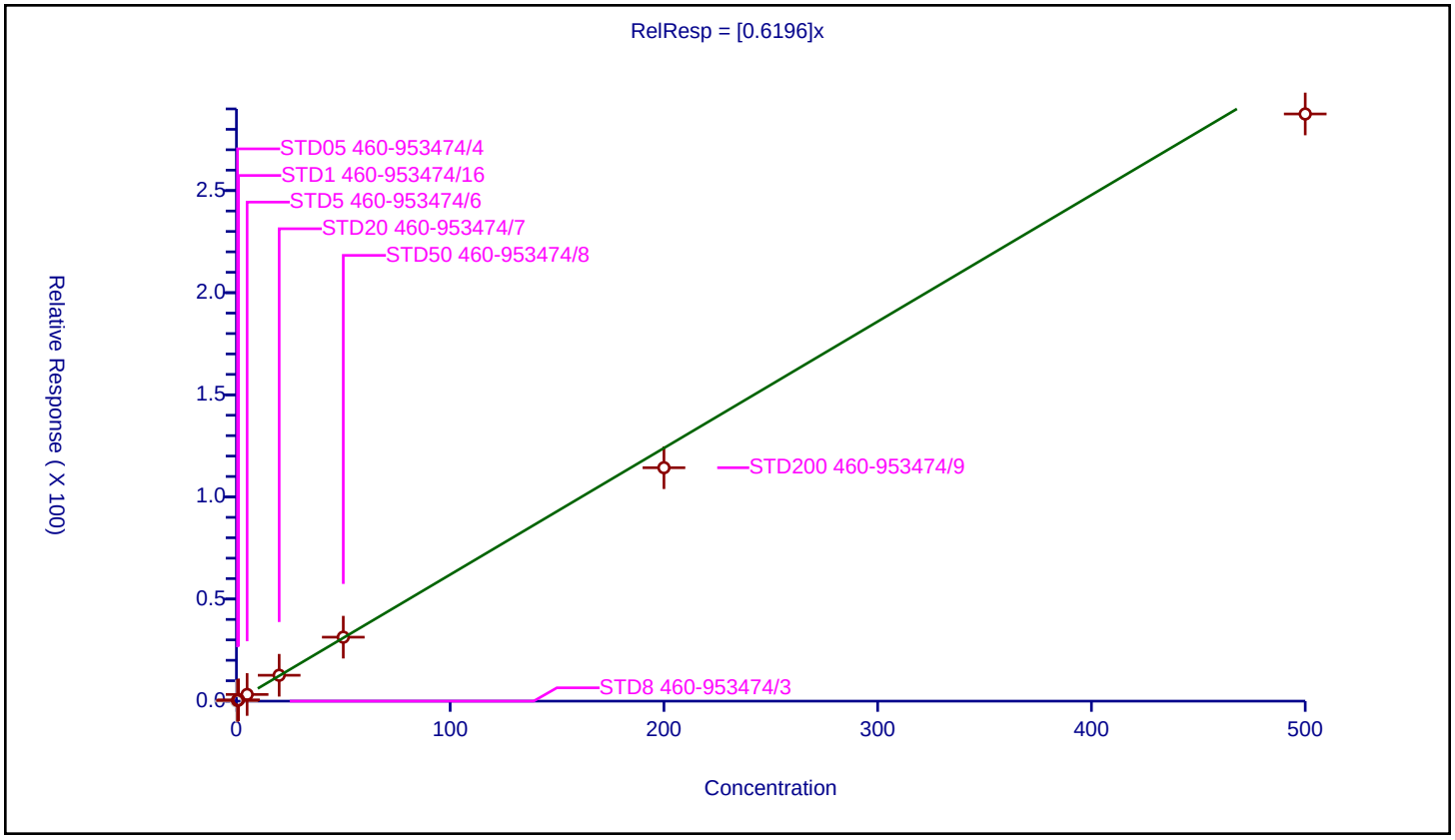
Curve Coefficients

Intercept:	0
Slope:	0.6196

Error Coefficients

Standard Error:	2070000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.327429	50.0	638918.0	0.654857	Y
3	STD1 460-953474/16	1.0	0.621022	50.0	681779.0	0.621022	Y
4	STD5 460-953474/6	5.0	3.273198	50.0	648815.0	0.65464	Y
5	STD20 460-953474/7	20.0	12.671827	50.0	684700.0	0.633591	Y
6	STD50 460-953474/8	50.0	31.321385	50.0	730900.0	0.626428	Y
7	STD200 460-953474/9	200.0	114.297646	50.0	791389.0	0.571488	Y
8	STD500 460-953474/10	500.0	287.516168	50.0	818751.0	0.575032	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

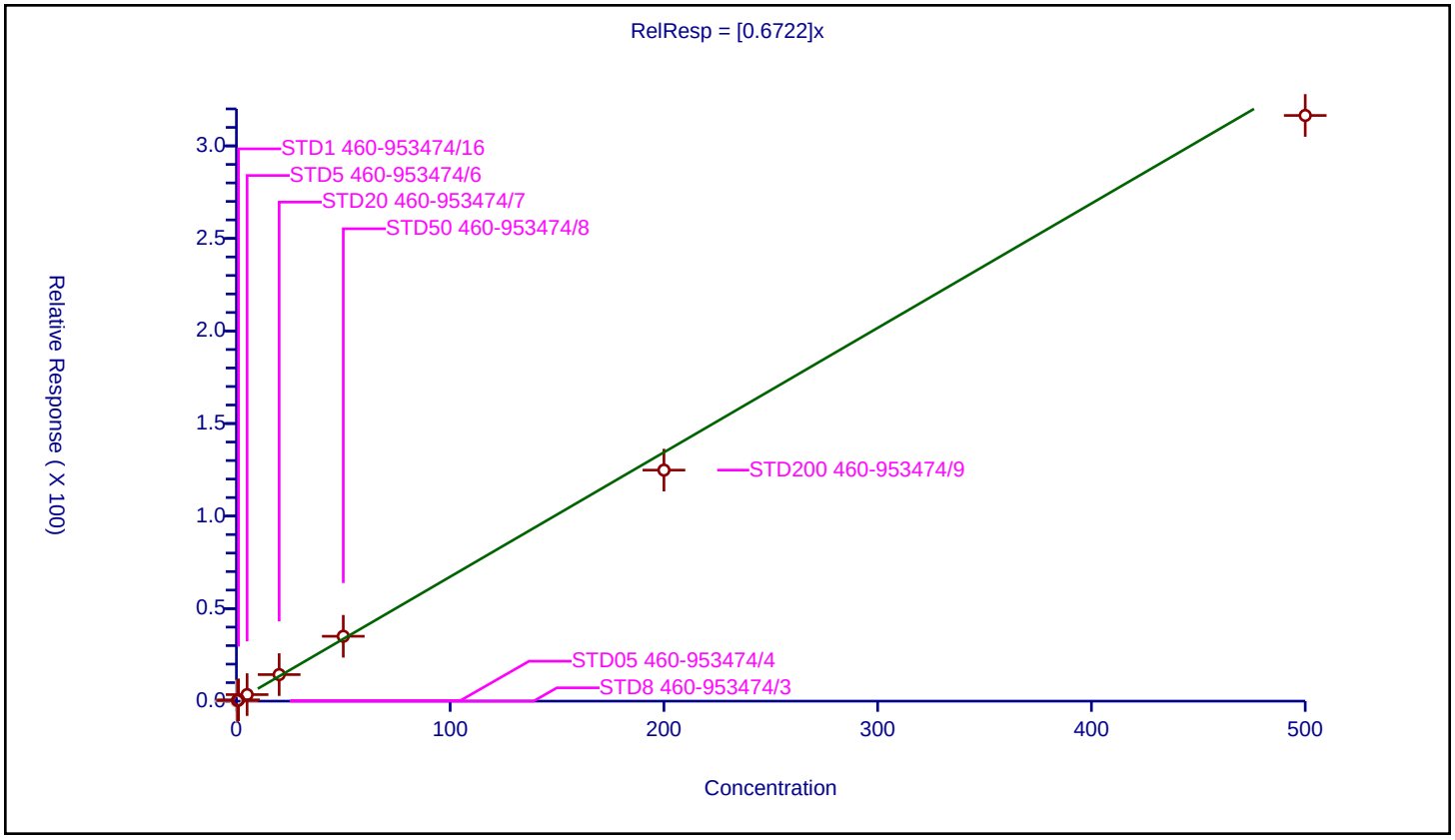
Curve Coefficients

Intercept:	0
Slope:	0.6722

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.313499	50.0	638918.0	0.626998	Y
3	STD1 460-953474/16	1.0	0.697293	50.0	681779.0	0.697293	Y
4	STD5 460-953474/6	5.0	3.53244	50.0	648815.0	0.706488	Y
5	STD20 460-953474/7	20.0	14.334088	50.0	684700.0	0.716704	Y
6	STD50 460-953474/8	50.0	35.050144	50.0	730900.0	0.701003	Y
7	STD200 460-953474/9	200.0	124.819463	50.0	791389.0	0.624097	Y
8	STD500 460-953474/10	500.0	316.438575	50.0	818751.0	0.632877	Y



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Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

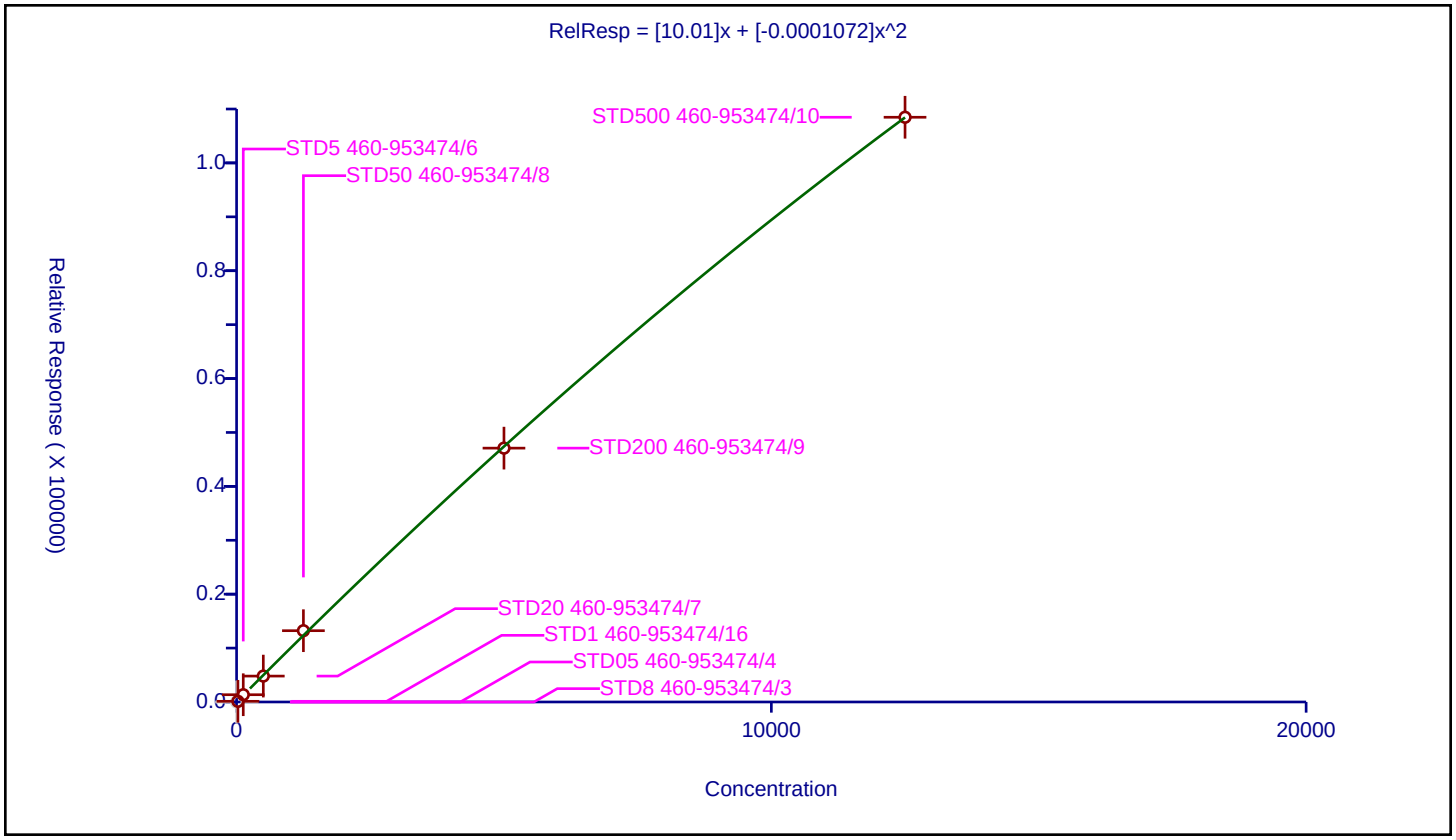
Curve Coefficients

Intercept:	0
Slope:	10.01
Second Order:	-0.0001072

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	25.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	1000.0	34910.0	NaN	N
2	STD05 460-953474/4	12.5	0.0	1000.0	34646.0	0.0	N
3	STD1 460-953474/16	25.0	124.469793	1000.0	34892.0	4.978792	Y
4	STD5 460-953474/6	125.0	1349.695113	1000.0	32963.0	10.797561	Y
5	STD20 460-953474/7	500.0	4807.141978	1000.0	40605.0	9.614284	Y
6	STD50 460-953474/8	1250.0	13224.772084	1000.0	41353.0	10.579818	Y
7	STD200 460-953474/9	5000.0	47090.202857	1000.0	50331.0	9.418041	Y
8	STD500 460-953474/10	12500.0	108473.256702	1000.0	53677.0	8.677861	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

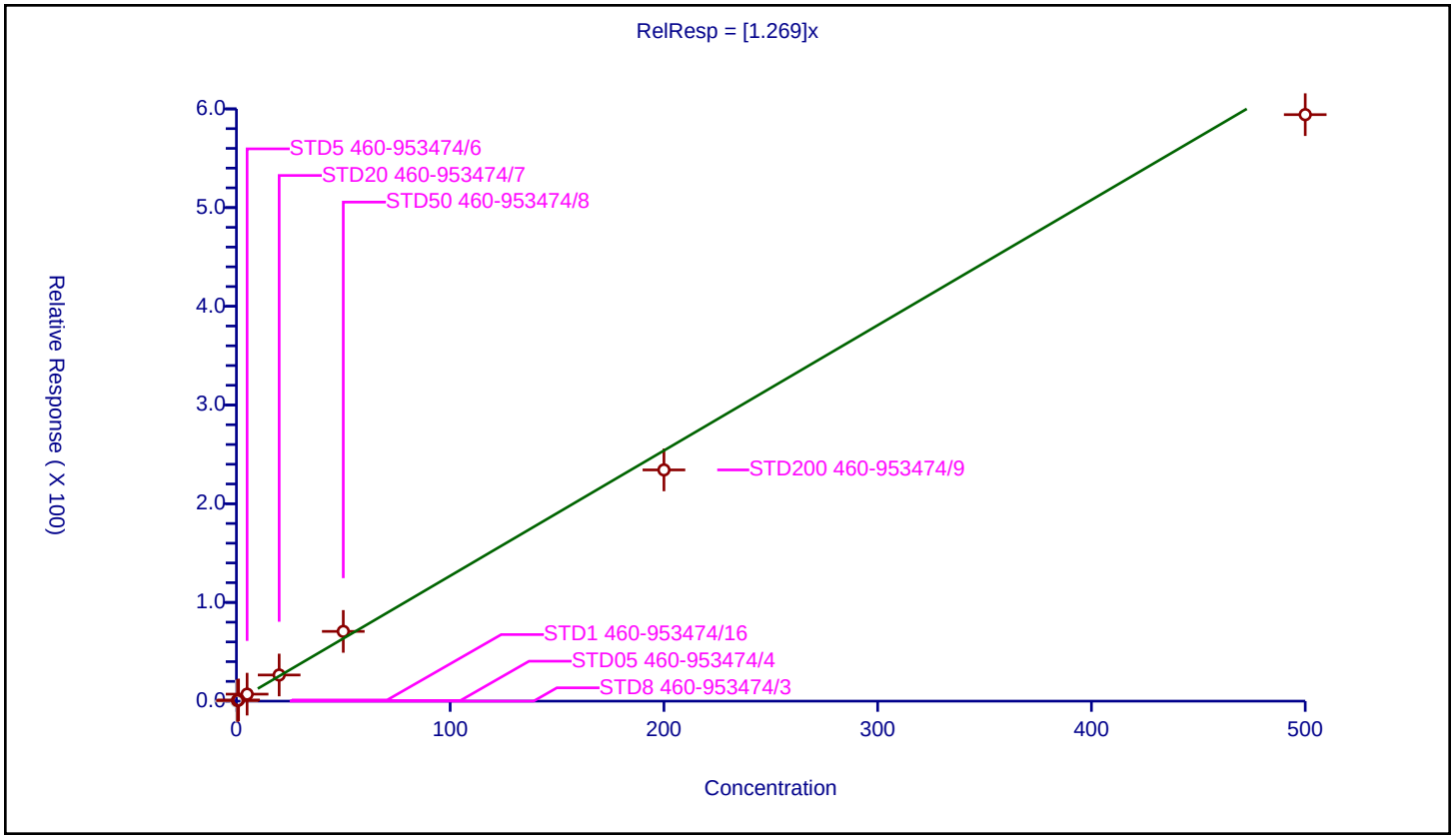
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Standard Error:	4270000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.596555	50.0	638918.0	1.193111	Y
3	STD1 460-953474/16	1.0	1.178094	50.0	681779.0	1.178094	Y
4	STD5 460-953474/6	5.0	7.088538	50.0	648815.0	1.417708	Y
5	STD20 460-953474/7	20.0	26.480868	50.0	684700.0	1.324043	Y
6	STD50 460-953474/8	50.0	70.663018	50.0	730900.0	1.41326	Y
7	STD200 460-953474/9	200.0	234.23664	50.0	791389.0	1.171183	Y
8	STD500 460-953474/10	500.0	594.169412	50.0	818751.0	1.188339	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

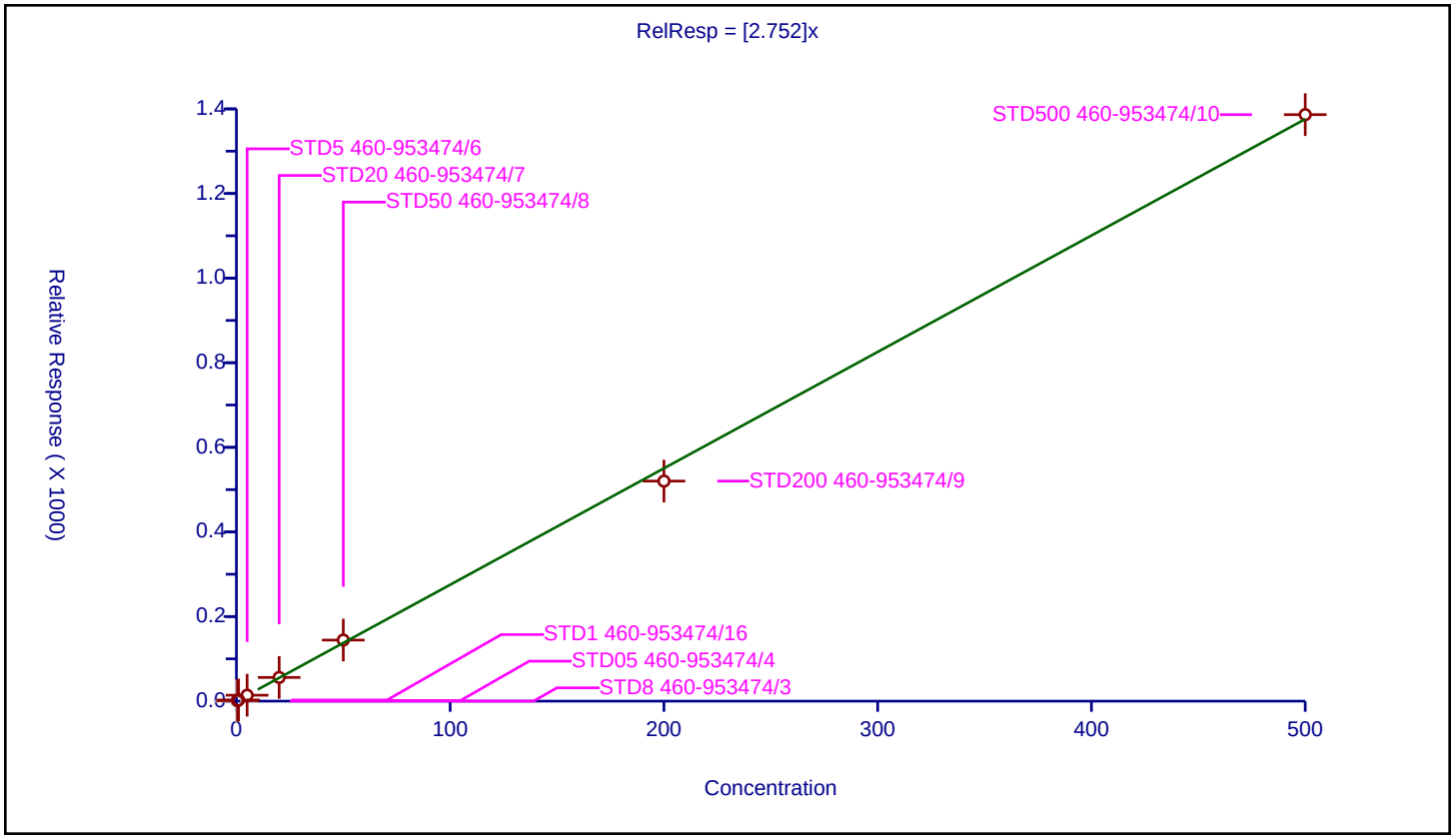
Curve Coefficients

Intercept:	0
Slope:	2.752

Error Coefficients

Standard Error:	6890000
Relative Standard Error:	3.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	1.32695	50.0	456611.0	2.6539	Y
3	STD1 460-953474/16	1.0	2.741289	50.0	483404.0	2.741289	Y
4	STD5 460-953474/6	5.0	14.029409	50.0	452724.0	2.805882	Y
5	STD20 460-953474/7	20.0	56.00616	50.0	477926.0	2.800308	Y
6	STD50 460-953474/8	50.0	144.354231	50.0	501526.0	2.887085	Y
7	STD200 460-953474/9	200.0	520.114963	50.0	560789.0	2.600575	Y
8	STD500 460-953474/10	500.0	1386.398377	50.0	568241.0	2.772797	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

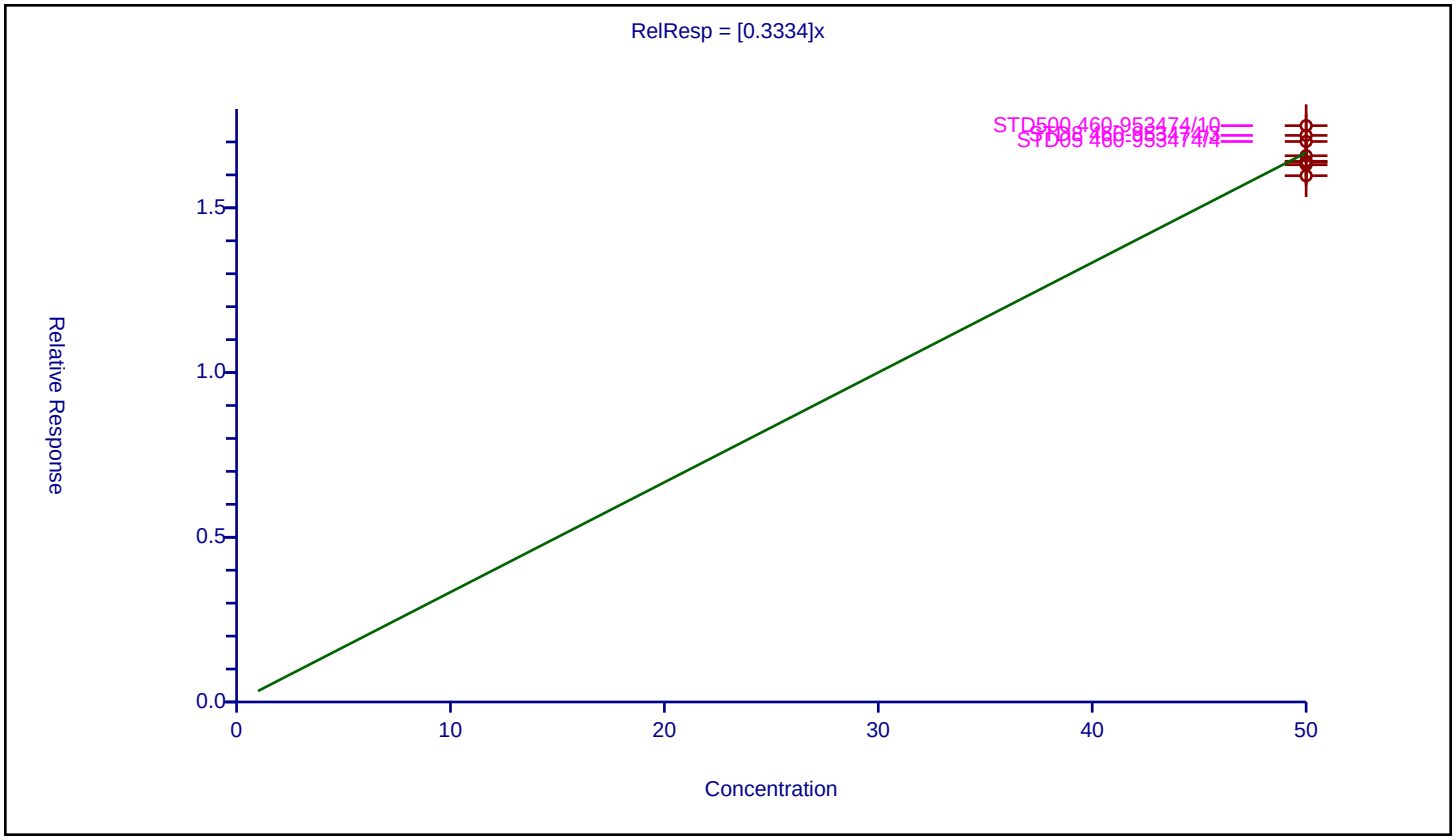
Curve Coefficients

Intercept:	0
Slope:	0.3334

Error Coefficients

Standard Error:	252000
Relative Standard Error:	3.1
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	50.0	17.198454	50.0	636877.0	0.343969	Y
2	STD05 460-953474/4	50.0	17.014233	50.0	638918.0	0.340285	Y
3	STD5 460-953474/6	50.0	16.384717	50.0	648815.0	0.327694	Y
4	STD20 460-953474/7	50.0	15.975829	50.0	684700.0	0.319517	Y
5	STD50 460-953474/8	50.0	16.581954	50.0	730900.0	0.331639	Y
6	STD200 460-953474/9	50.0	16.413673	50.0	791389.0	0.328273	Y
7	STD500 460-953474/10	50.0	17.49494	50.0	818751.0	0.349899	Y
8	STD1 460-953474/16	50.0	16.307924	50.0	681779.0	0.326158	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

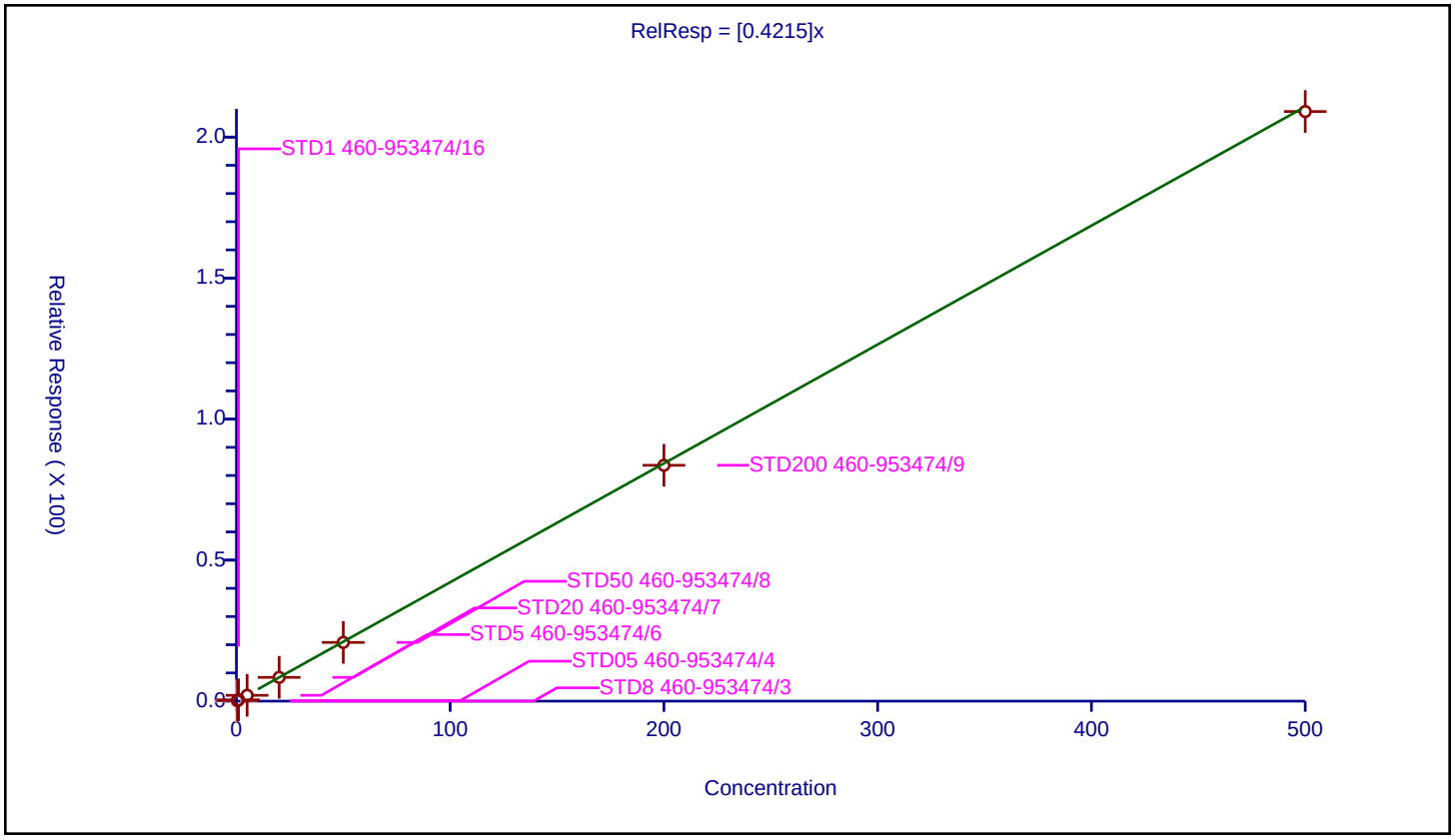
Curve Coefficients

Intercept:	0
Slope:	0.4215

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.201513	50.0	638918.0	0.403025	Y
3	STD1 460-953474/16	1.0	0.459973	50.0	681779.0	0.459973	Y
4	STD5 460-953474/6	5.0	2.067693	50.0	648815.0	0.413539	Y
5	STD20 460-953474/7	20.0	8.428582	50.0	684700.0	0.421429	Y
6	STD50 460-953474/8	50.0	20.819469	50.0	730900.0	0.416389	Y
7	STD200 460-953474/9	200.0	83.62651	50.0	791389.0	0.418133	Y
8	STD500 460-953474/10	500.0	209.063317	50.0	818751.0	0.418127	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

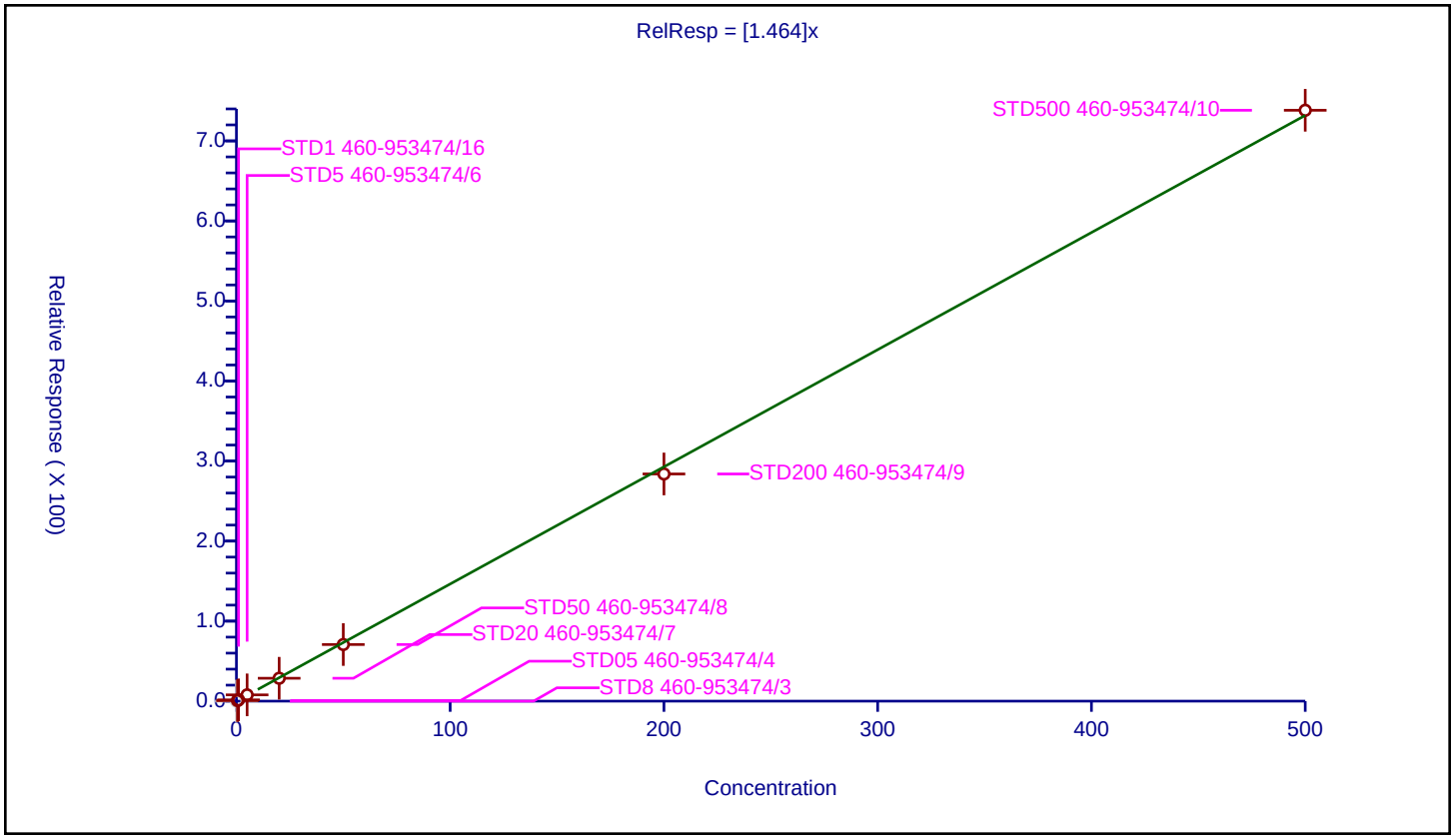
Curve Coefficients

Intercept:	0
Slope:	1.464

Error Coefficients

Standard Error:	5280000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.686708	50.0	638918.0	1.373416	Y
3	STD1 460-953474/16	1.0	1.56539	50.0	681779.0	1.56539	Y
4	STD5 460-953474/6	5.0	7.837904	50.0	648815.0	1.567581	Y
5	STD20 460-953474/7	20.0	28.587849	50.0	684700.0	1.429392	Y
6	STD50 460-953474/8	50.0	70.734984	50.0	730900.0	1.4147	Y
7	STD200 460-953474/9	200.0	283.856801	50.0	791389.0	1.419284	Y
8	STD500 460-953474/10	500.0	738.280259	50.0	818751.0	1.476561	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

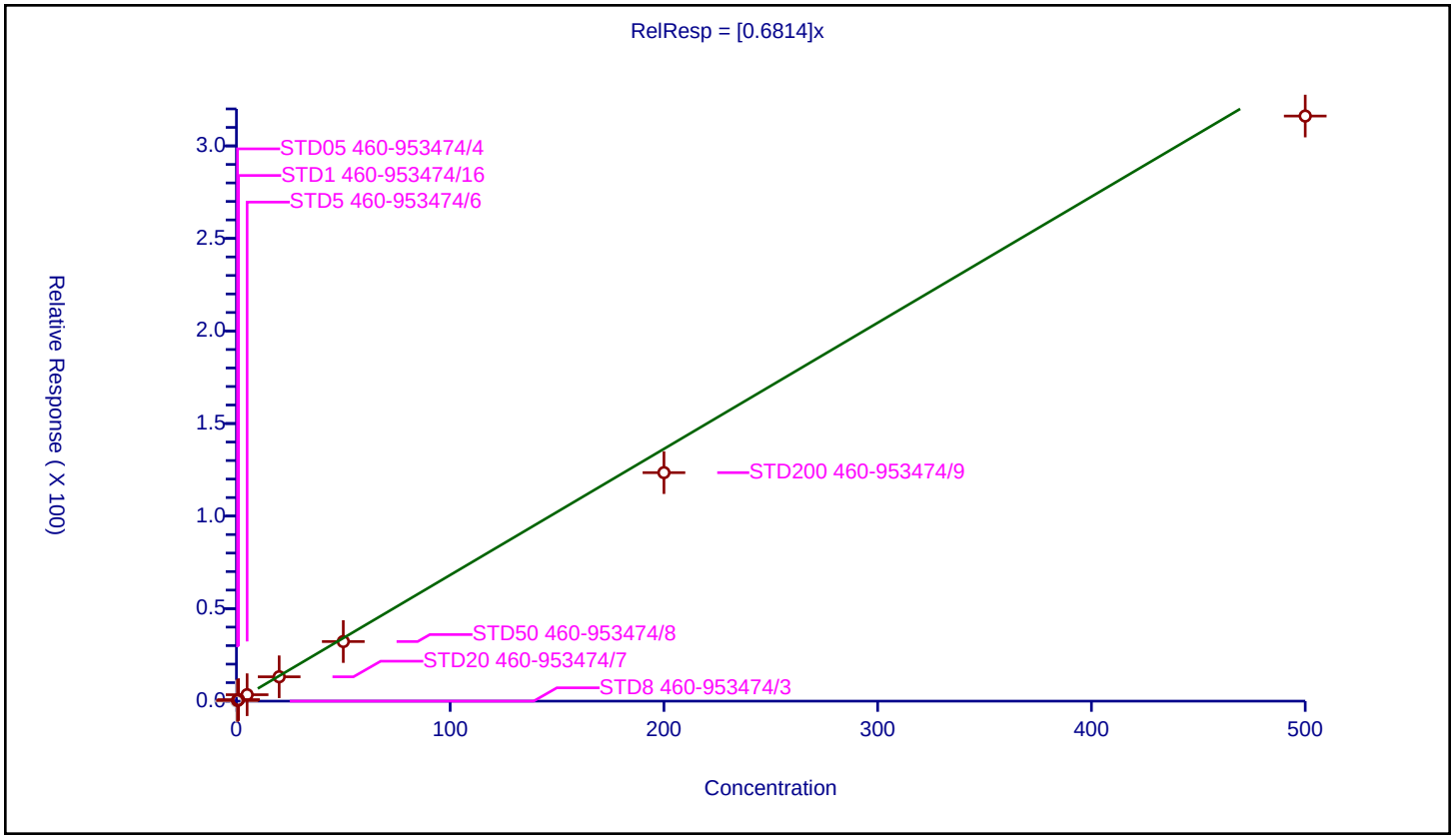
Curve Coefficients

Intercept:	0
Slope:	0.6814

Error Coefficients

Standard Error:	2270000
Relative Standard Error:	10.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.352862	50.0	638918.0	0.705724	Y
3	STD1 460-953474/16	1.0	0.818447	50.0	681779.0	0.818447	Y
4	STD5 460-953474/6	5.0	3.471406	50.0	648815.0	0.694281	Y
5	STD20 460-953474/7	20.0	13.163356	50.0	684700.0	0.658168	Y
6	STD50 460-953474/8	50.0	32.192297	50.0	730900.0	0.643846	Y
7	STD200 460-953474/9	200.0	123.468042	50.0	791389.0	0.61734	Y
8	STD500 460-953474/10	500.0	316.144408	50.0	818751.0	0.632289	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

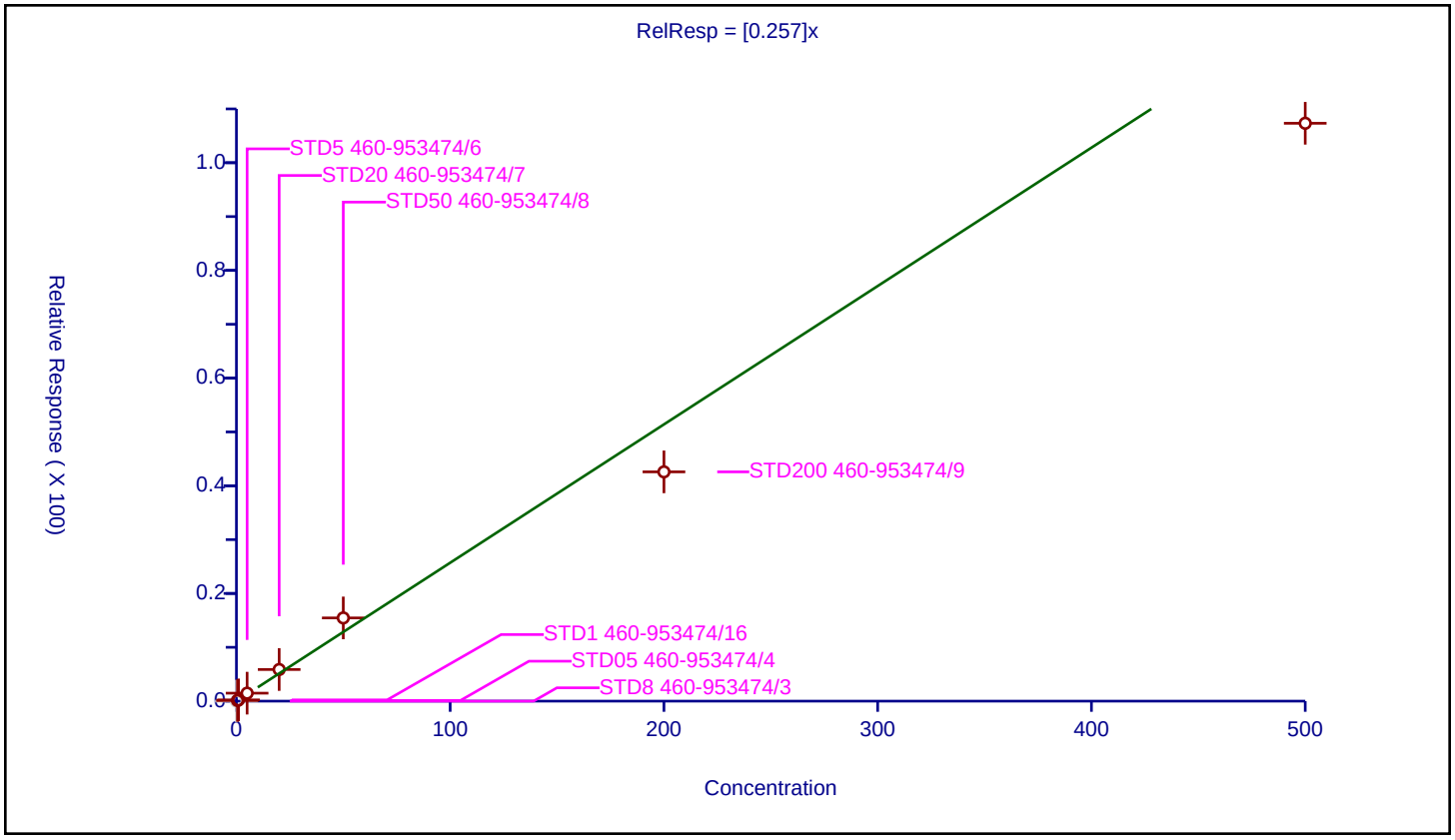
Curve Coefficients

Intercept:	0
Slope:	0.257

Error Coefficients

Standard Error:	775000
Relative Standard Error:	16.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.121534	50.0	638918.0	0.243067	Y
3	STD1 460-953474/16	1.0	0.229033	50.0	681779.0	0.229033	Y
4	STD5 460-953474/6	5.0	1.481624	50.0	648815.0	0.296325	Y
5	STD20 460-953474/7	20.0	5.875858	50.0	684700.0	0.293793	Y
6	STD50 460-953474/8	50.0	15.457723	50.0	730900.0	0.309154	Y
7	STD200 460-953474/9	200.0	42.584873	50.0	791389.0	0.212924	Y
8	STD500 460-953474/10	500.0	107.326892	50.0	818751.0	0.214654	Y



Calibration / n-Butanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

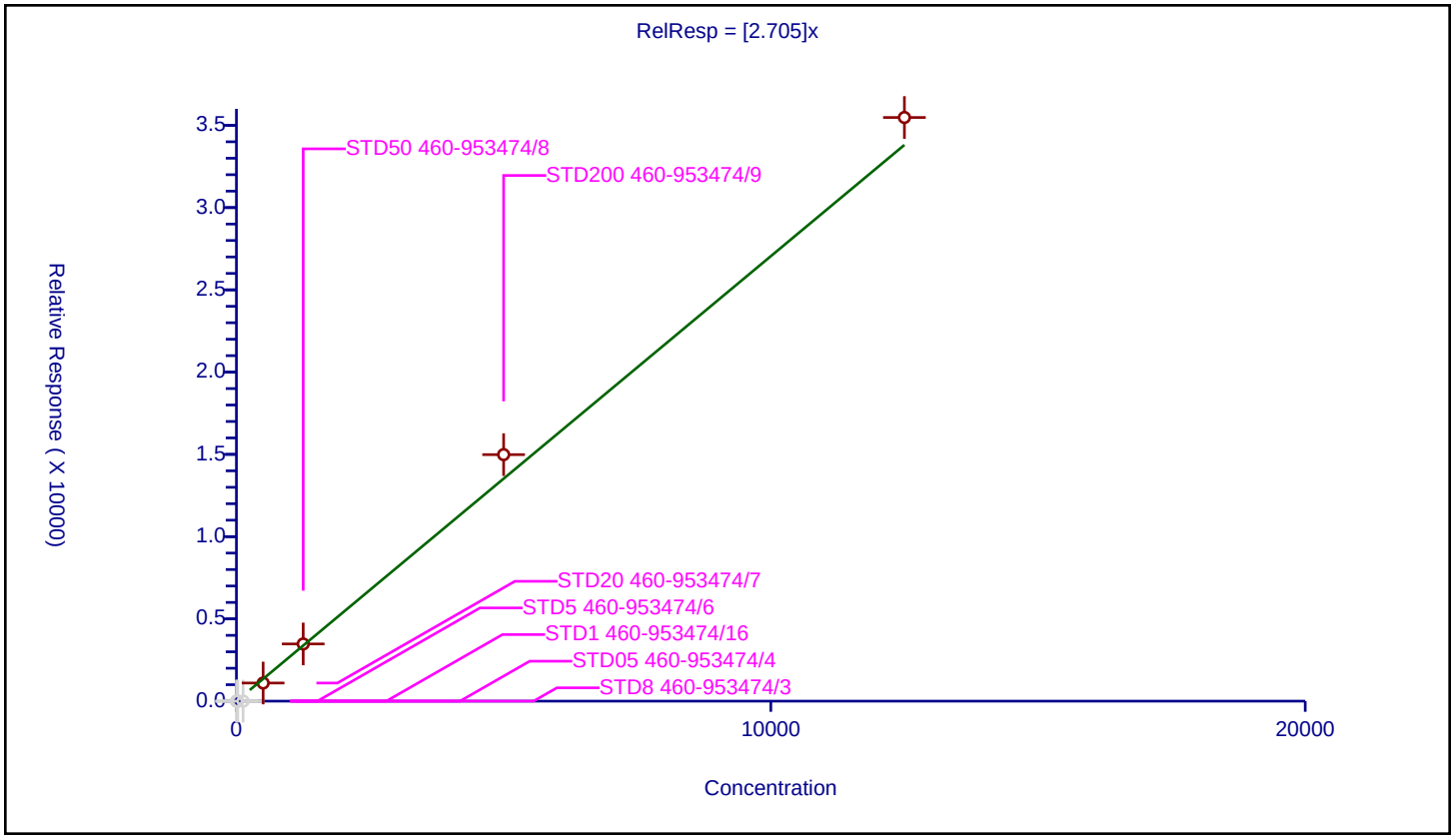
Curve Coefficients

Intercept:	0
Slope:	2.705

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	12.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	1000.0	34910.0	NaN	N
2	STD05 460-953474/4	12.5	0.0	1000.0	34646.0	0.0	N
3	STD1 460-953474/16	25.0	0.0	1000.0	34892.0	0.0	N
4	STD5 460-953474/6	125.0	0.0	1000.0	32963.0	0.0	N
5	STD20 460-953474/7	500.0	1100.948159	1000.0	40605.0	2.201896	Y
6	STD50 460-953474/8	1250.0	3477.039151	1000.0	41353.0	2.781631	Y
7	STD200 460-953474/9	5000.0	14984.641672	1000.0	50331.0	2.996928	Y
8	STD500 460-953474/10	12500.0	35477.783781	1000.0	53677.0	2.838223	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

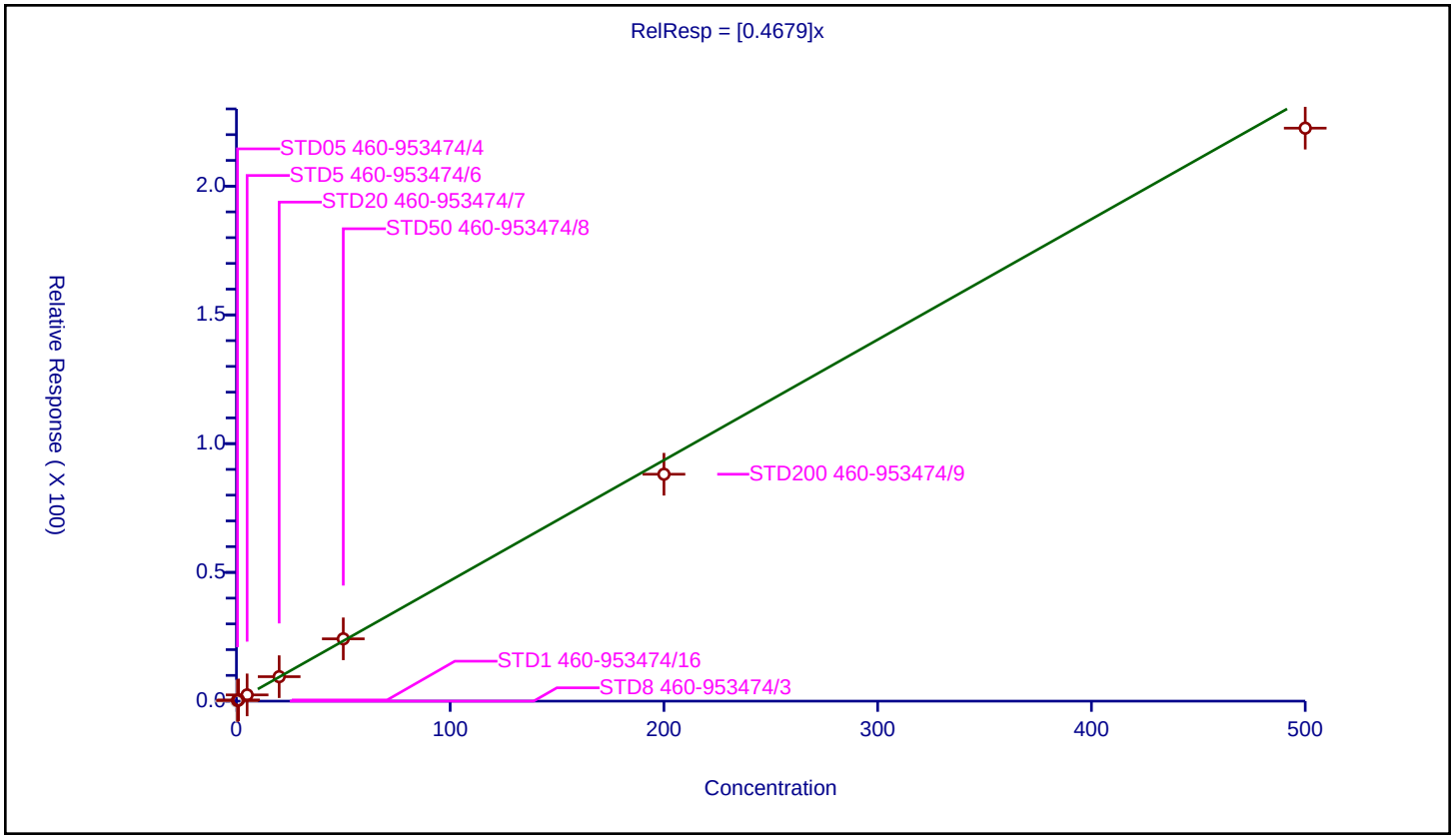
Curve Coefficients

Intercept:	0
Slope:	0.4679

Error Coefficients

Standard Error:	1600000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.244476	50.0	638918.0	0.488952	Y
3	STD1 460-953474/16	1.0	0.456453	50.0	681779.0	0.456453	Y
4	STD5 460-953474/6	5.0	2.428119	50.0	648815.0	0.485624	Y
5	STD20 460-953474/7	20.0	9.498101	50.0	684700.0	0.474905	Y
6	STD50 460-953474/8	50.0	24.195786	50.0	730900.0	0.483916	Y
7	STD200 460-953474/9	200.0	88.120633	50.0	791389.0	0.440603	Y
8	STD500 460-953474/10	500.0	222.518873	50.0	818751.0	0.445038	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

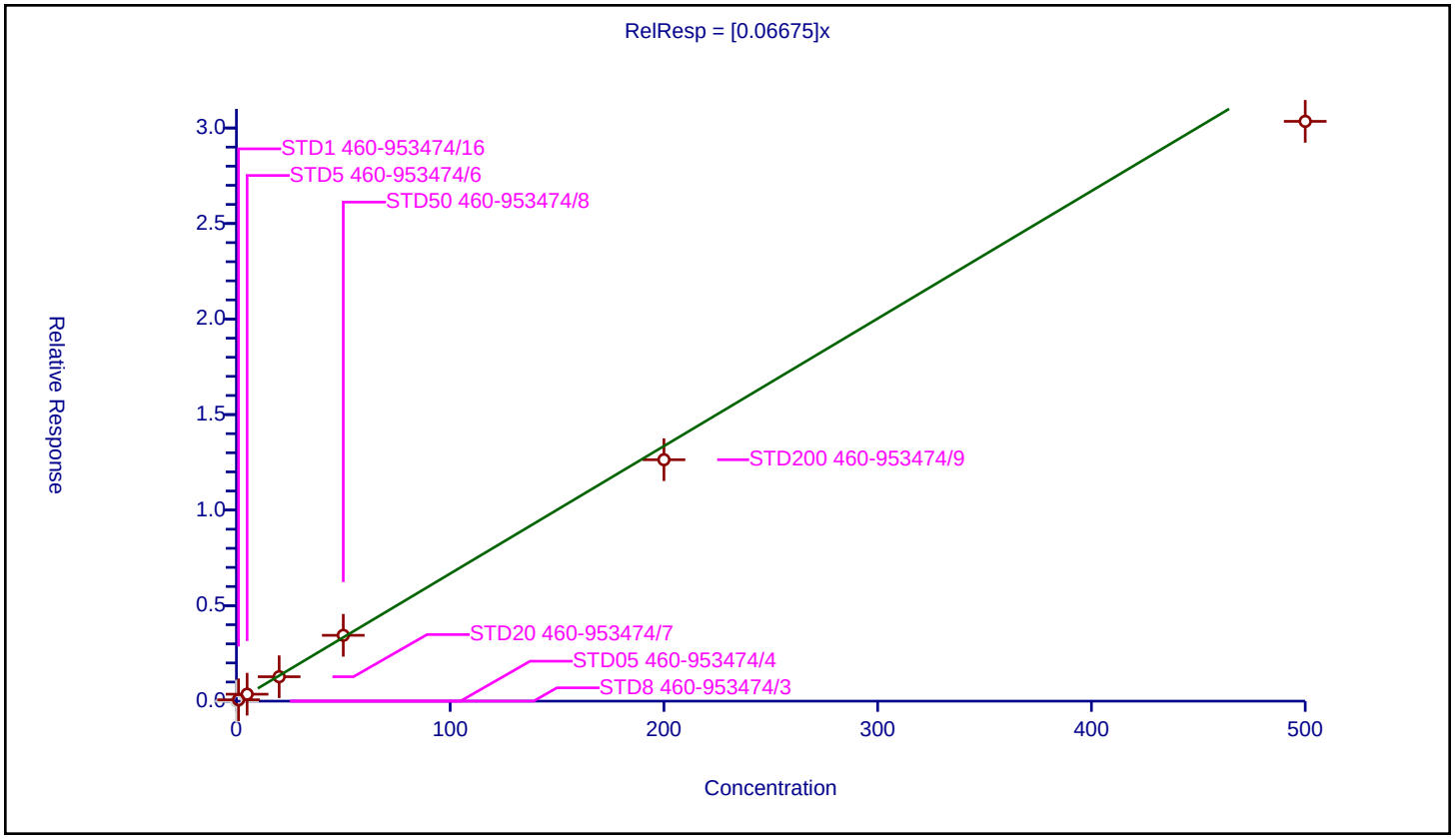
Curve Coefficients

Intercept:	0
Slope:	0.06675

Error Coefficients

Standard Error:	241000
Relative Standard Error:	7.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.0	50.0	638918.0	0.0	N
3	STD1 460-953474/16	1.0	0.071137	50.0	681779.0	0.071137	Y
4	STD5 460-953474/6	5.0	0.36374	50.0	648815.0	0.072748	Y
5	STD20 460-953474/7	20.0	1.277056	50.0	684700.0	0.063853	Y
6	STD50 460-953474/8	50.0	3.444862	50.0	730900.0	0.068897	Y
7	STD200 460-953474/9	200.0	12.636706	50.0	791389.0	0.063184	Y
8	STD500 460-953474/10	500.0	30.34781	50.0	818751.0	0.060696	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

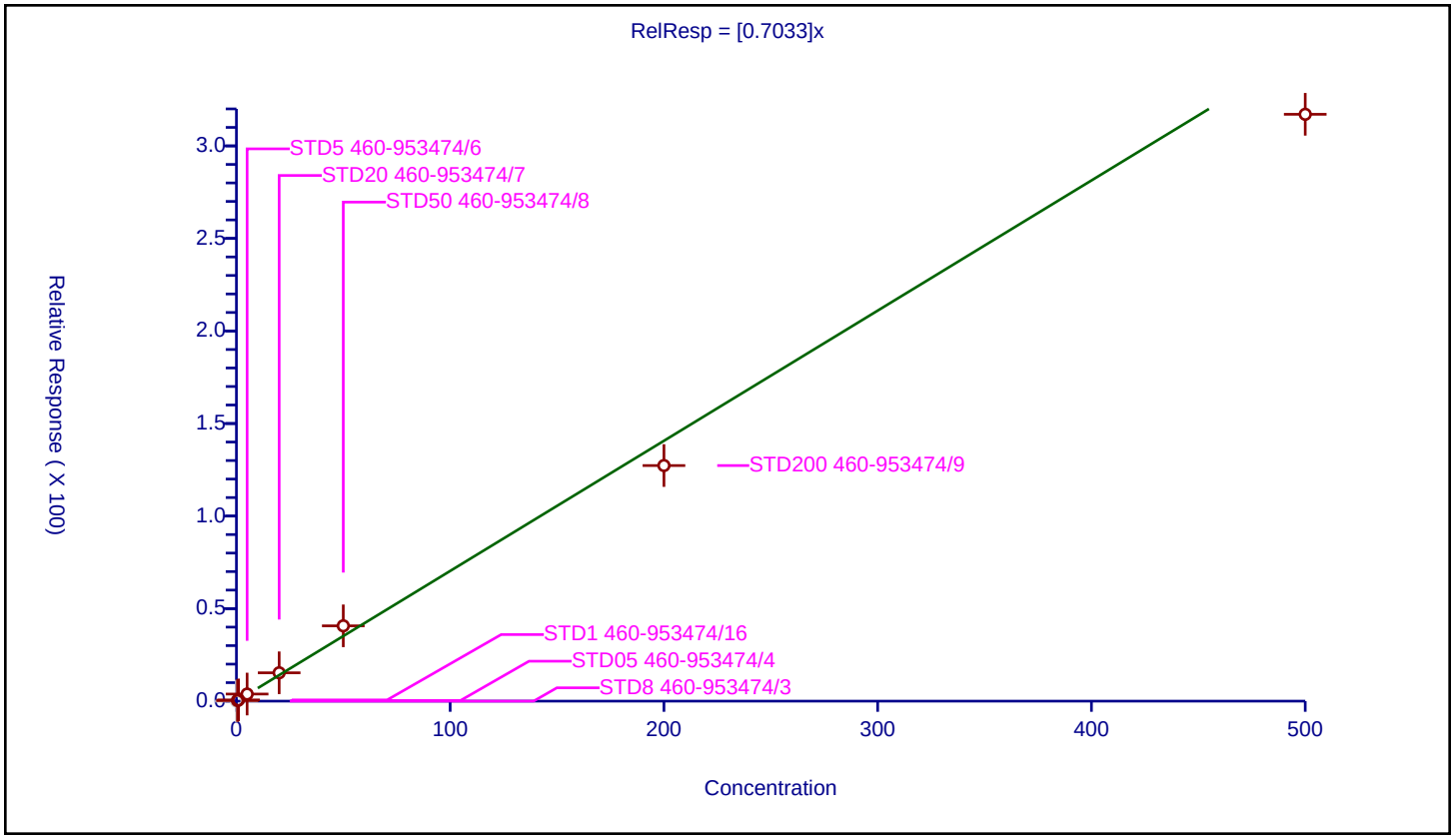
Curve Coefficients

Intercept:	0
Slope:	0.7033

Error Coefficients

Standard Error:	2290000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.327976	50.0	638918.0	0.655953	Y
3	STD1 460-953474/16	1.0	0.651164	50.0	681779.0	0.651164	Y
4	STD5 460-953474/6	5.0	3.829366	50.0	648815.0	0.765873	Y
5	STD20 460-953474/7	20.0	15.32087	50.0	684700.0	0.766044	Y
6	STD50 460-953474/8	50.0	40.686482	50.0	730900.0	0.81373	Y
7	STD200 460-953474/9	200.0	127.294415	50.0	791389.0	0.636472	Y
8	STD500 460-953474/10	500.0	317.080284	50.0	818751.0	0.634161	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

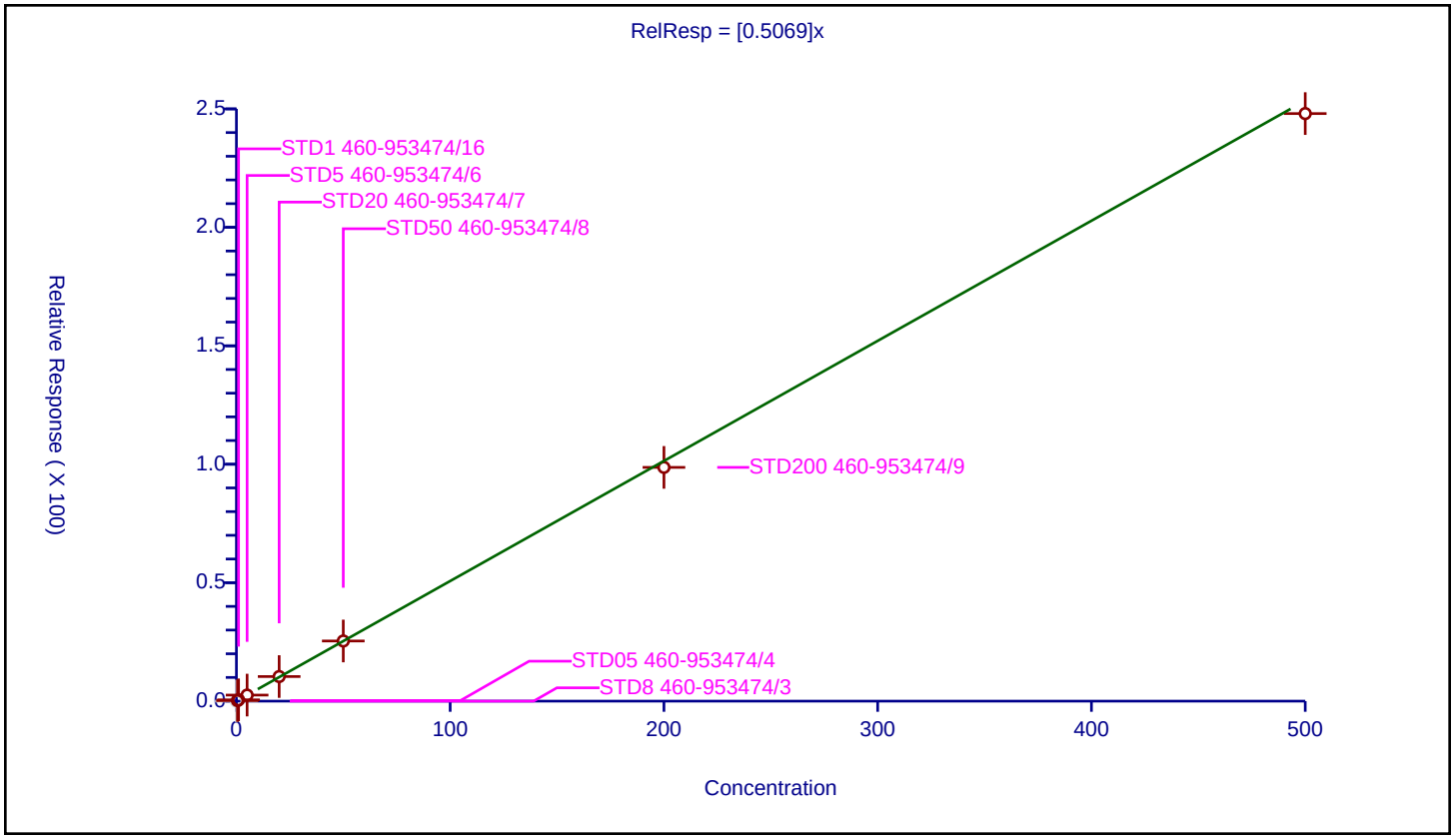
Curve Coefficients

Intercept:	0
Slope:	0.5069

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.237746	50.0	638918.0	0.475491	Y
3	STD1 460-953474/16	1.0	0.545118	50.0	681779.0	0.545118	Y
4	STD5 460-953474/6	5.0	2.556353	50.0	648815.0	0.511271	Y
5	STD20 460-953474/7	20.0	10.387761	50.0	684700.0	0.519388	Y
6	STD50 460-953474/8	50.0	25.395813	50.0	730900.0	0.507916	Y
7	STD200 460-953474/9	200.0	98.669175	50.0	791389.0	0.493346	Y
8	STD500 460-953474/10	500.0	248.026689	50.0	818751.0	0.496053	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

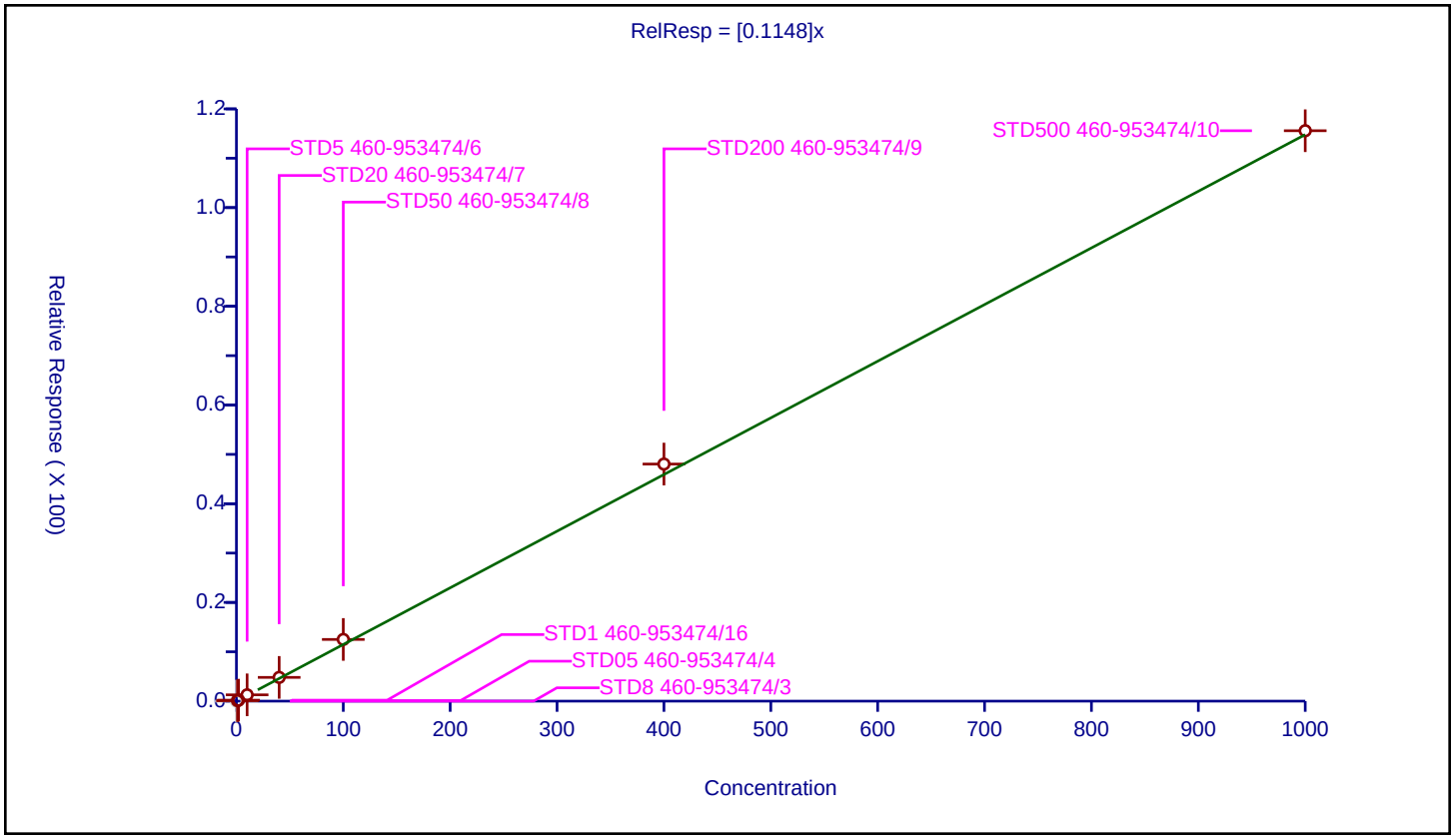
Curve Coefficients

Intercept:	0
Slope:	0.1148

Error Coefficients

Standard Error:	836000
Relative Standard Error:	10.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	1.0	0.098056	50.0	638918.0	0.098056	Y
3	STD1 460-953474/16	2.0	0.194418	50.0	681779.0	0.097209	Y
4	STD5 460-953474/6	10.0	1.273707	50.0	648815.0	0.127371	Y
5	STD20 460-953474/7	40.0	4.808529	50.0	684700.0	0.120213	Y
6	STD50 460-953474/8	100.0	12.500479	50.0	730900.0	0.125005	Y
7	STD200 460-953474/9	400.0	48.038196	50.0	791389.0	0.120095	Y
8	STD500 460-953474/10	1000.0	115.577447	50.0	818751.0	0.115577	Y



Calibration / 1,4-Dioxane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

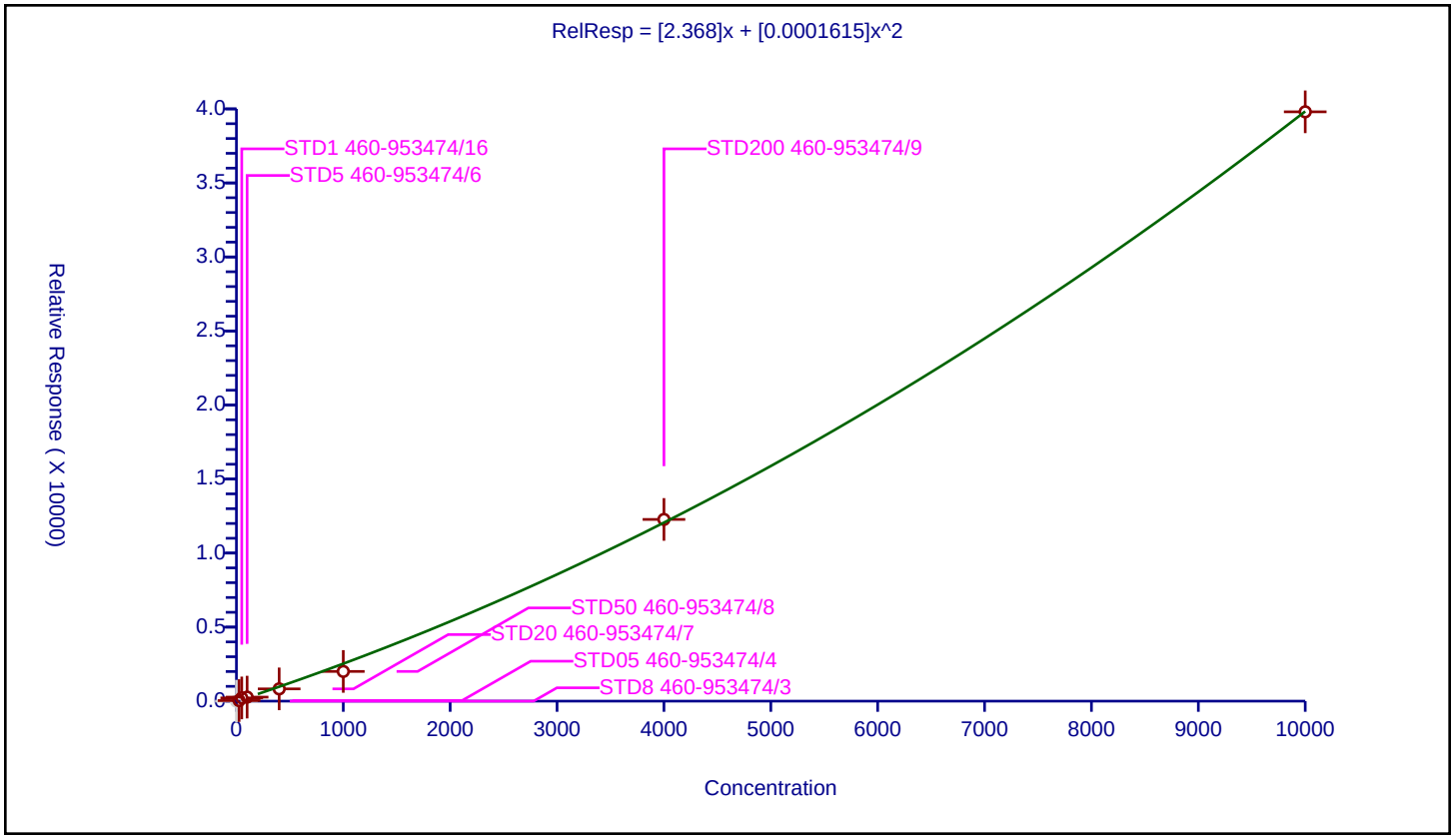
Curve Coefficients

Intercept:	0
Slope:	2.368
Second Order:	0.0001615

Error Coefficients

Standard Error:	266000
Relative Standard Error:	41.9
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	1000.0	19650.0	NaN	N
2	STD05 460-953474/4	25.000031	38.777965	1000.0	20785.0	1.551117	Y
3	STD1 460-953474/16	50.000062	217.473208	1000.0	23888.0	4.349459	Y
4	STD5 460-953474/6	100.0	271.881919	1000.0	20325.0	2.718819	Y
5	STD20 460-953474/7	400.0	829.173511	1000.0	24961.0	2.072934	Y
6	STD50 460-953474/8	1000.0	2007.361047	1000.0	28121.0	2.007361	Y
7	STD200 460-953474/9	4000.0	12272.761863	1000.0	18397.0	3.06819	Y
8	STD500 460-953474/10	10000.0	39802.515639	1000.0	14867.0	3.980252	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

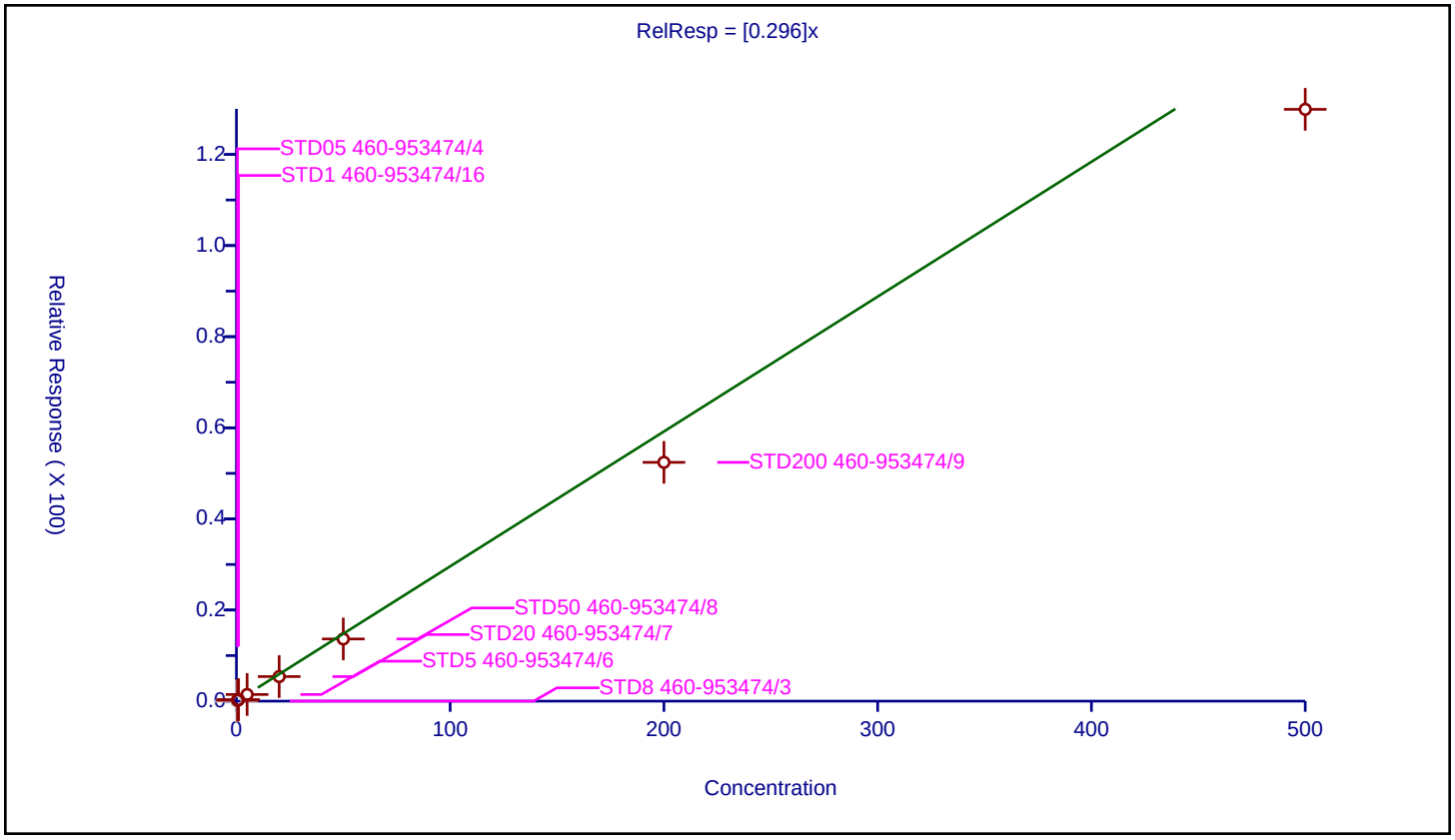
Curve Coefficients

Intercept:	0
Slope:	0.296

Error Coefficients

Standard Error:	936000
Relative Standard Error:	15.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.192669	50.0	638918.0	0.385339	Y
3	STD1 460-953474/16	1.0	0.329872	50.0	681779.0	0.329872	Y
4	STD5 460-953474/6	5.0	1.460355	50.0	648815.0	0.292071	Y
5	STD20 460-953474/7	20.0	5.391631	50.0	684700.0	0.269582	Y
6	STD50 460-953474/8	50.0	13.648037	50.0	730900.0	0.272961	Y
7	STD200 460-953474/9	200.0	52.415626	50.0	791389.0	0.262078	Y
8	STD500 460-953474/10	500.0	129.900788	50.0	818751.0	0.259802	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

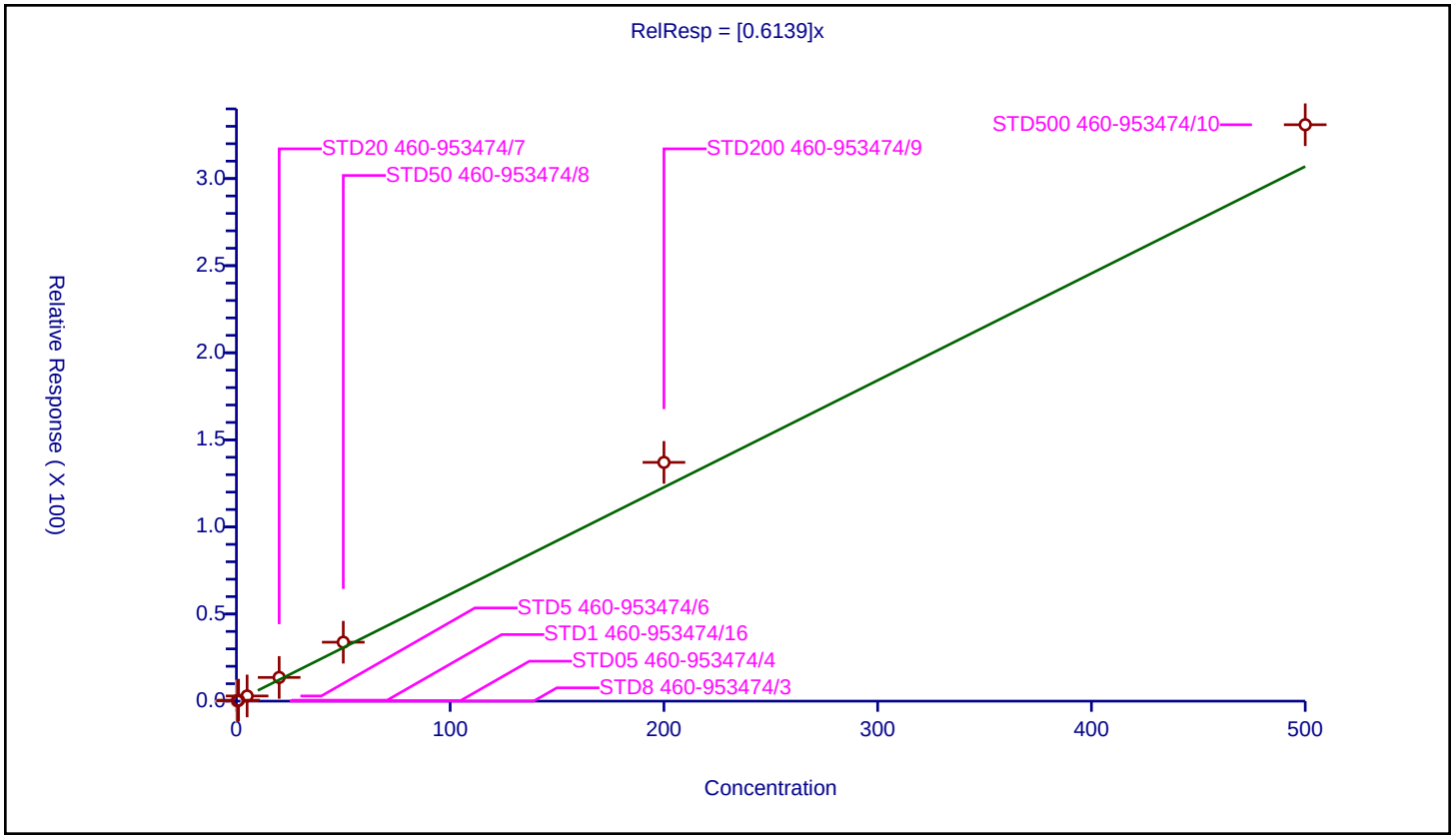
Curve Coefficients

Intercept:	0
Slope:	0.6139

Error Coefficients

Standard Error:	2390000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.230781	50.0	638918.0	0.461562	Y
3	STD1 460-953474/16	1.0	0.537051	50.0	681779.0	0.537051	Y
4	STD5 460-953474/6	5.0	2.974731	50.0	648815.0	0.594946	Y
5	STD20 460-953474/7	20.0	13.594202	50.0	684700.0	0.67971	Y
6	STD50 460-953474/8	50.0	33.832467	50.0	730900.0	0.676649	Y
7	STD200 460-953474/9	200.0	137.06698	50.0	791389.0	0.685335	Y
8	STD500 460-953474/10	500.0	330.904145	50.0	818751.0	0.661808	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

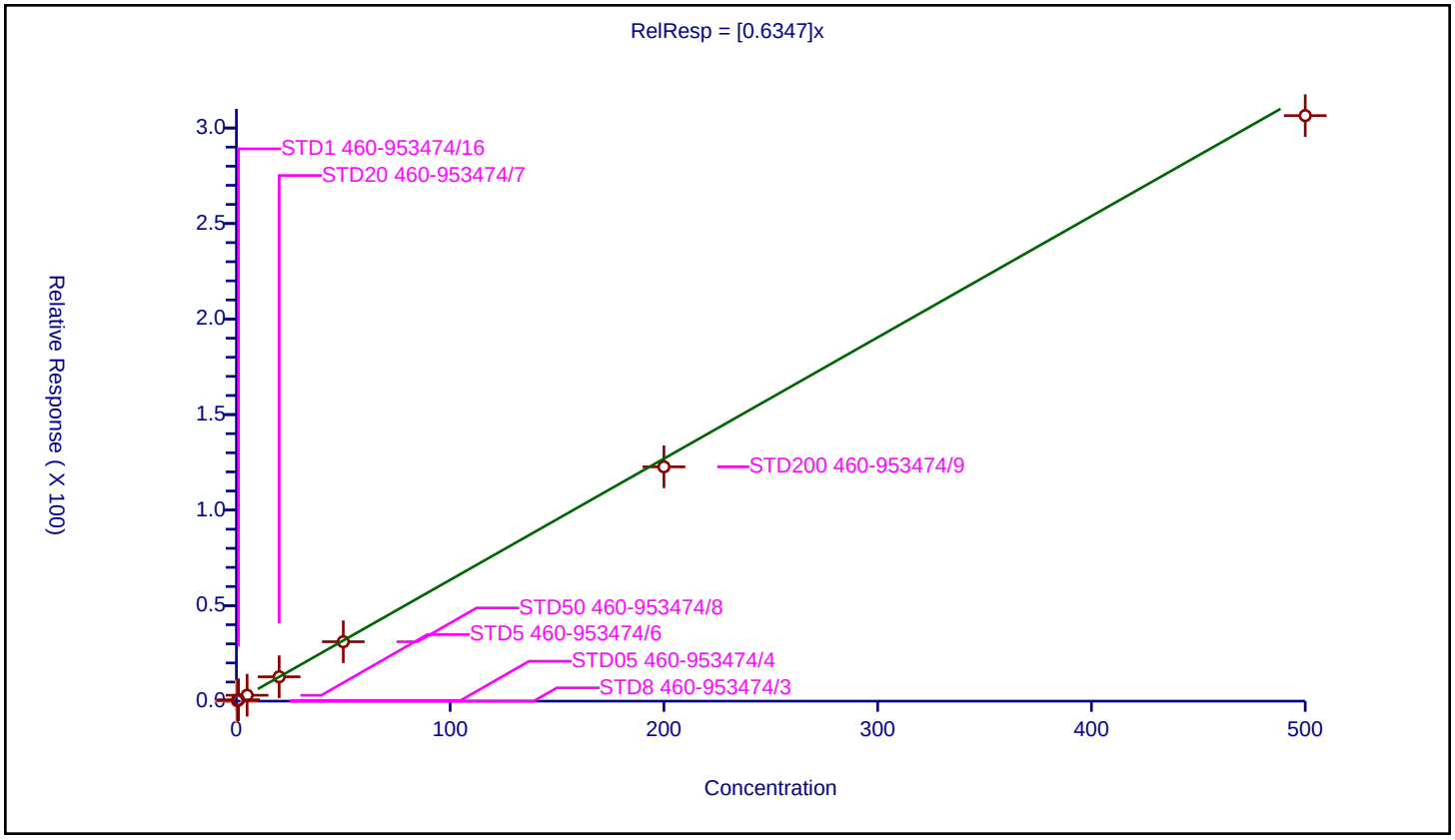
Curve Coefficients

Intercept:	0
Slope:	0.6347

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5	0.312638	50.0	638918.0	0.625276	Y
3	STD1 460-953474/16	1.0	0.714528	50.0	681779.0	0.714528	Y
4	STD5 460-953474/6	5.0	3.087783	50.0	648815.0	0.617557	Y
5	STD20 460-953474/7	20.0	12.747262	50.0	684700.0	0.637363	Y
6	STD50 460-953474/8	50.0	31.088589	50.0	730900.0	0.621772	Y
7	STD200 460-953474/9	200.0	122.645564	50.0	791389.0	0.613228	Y
8	STD500 460-953474/10	500.0	306.477305	50.0	818751.0	0.612955	Y



Calibration / 2-Nitropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

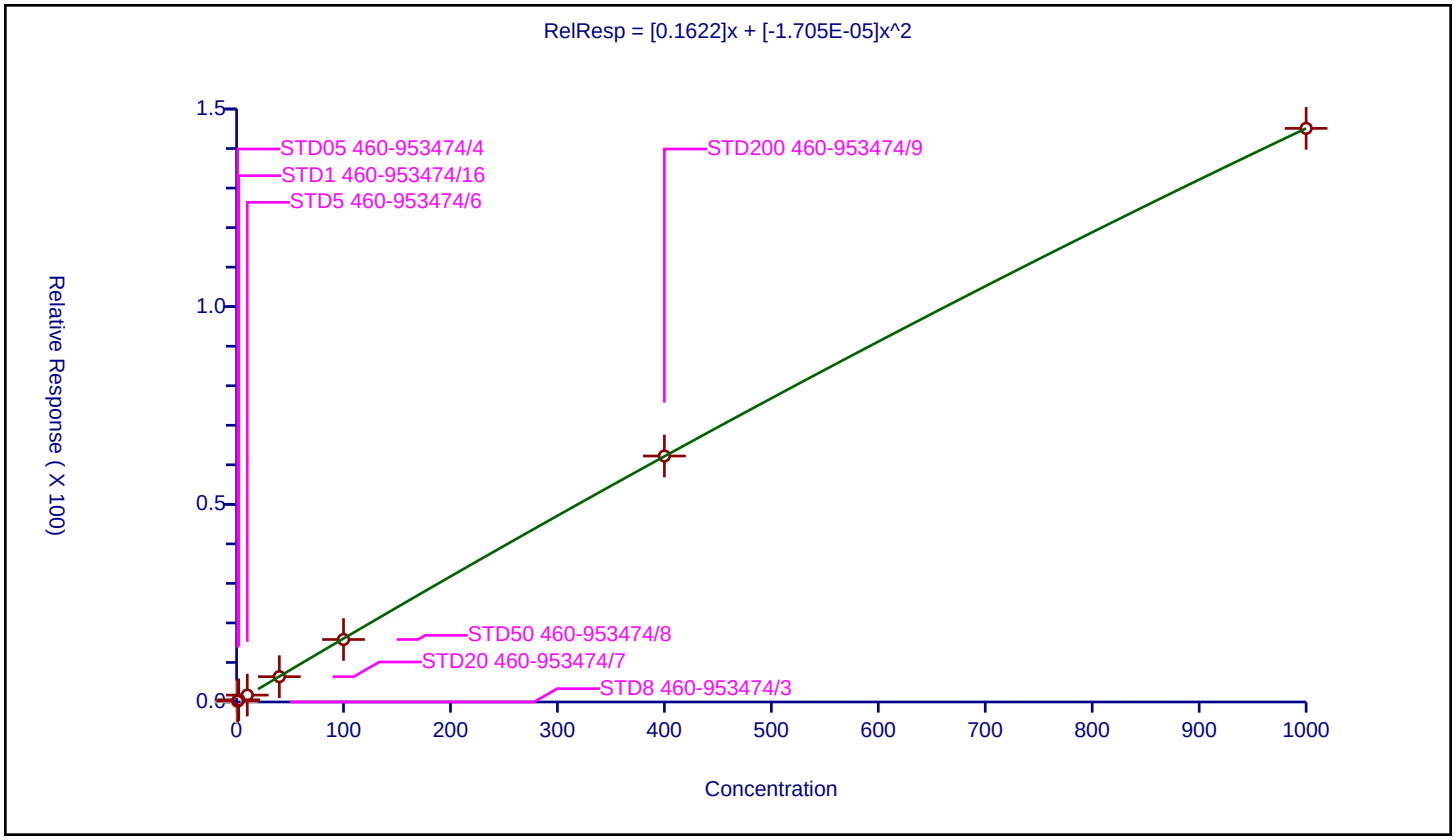
Curve Coefficients

Intercept:	0
Slope:	0.1622
Second Order:	-1.705E-05

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	38.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	1.0	0.233911	50.0	638918.0	0.233911	Y
3	STD1 460-953474/16	2.0	0.558465	50.0	681779.0	0.279233	Y
4	STD5 460-953474/6	10.0	1.742716	50.0	648815.0	0.174272	Y
5	STD20 460-953474/7	40.0	6.407478	50.0	684700.0	0.160187	Y
6	STD50 460-953474/8	100.0	15.809208	50.0	730900.0	0.158092	Y
7	STD200 460-953474/9	400.0	62.226288	50.0	791389.0	0.155566	Y
8	STD500 460-953474/10	1000.0	145.099914	50.0	818751.0	0.1451	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

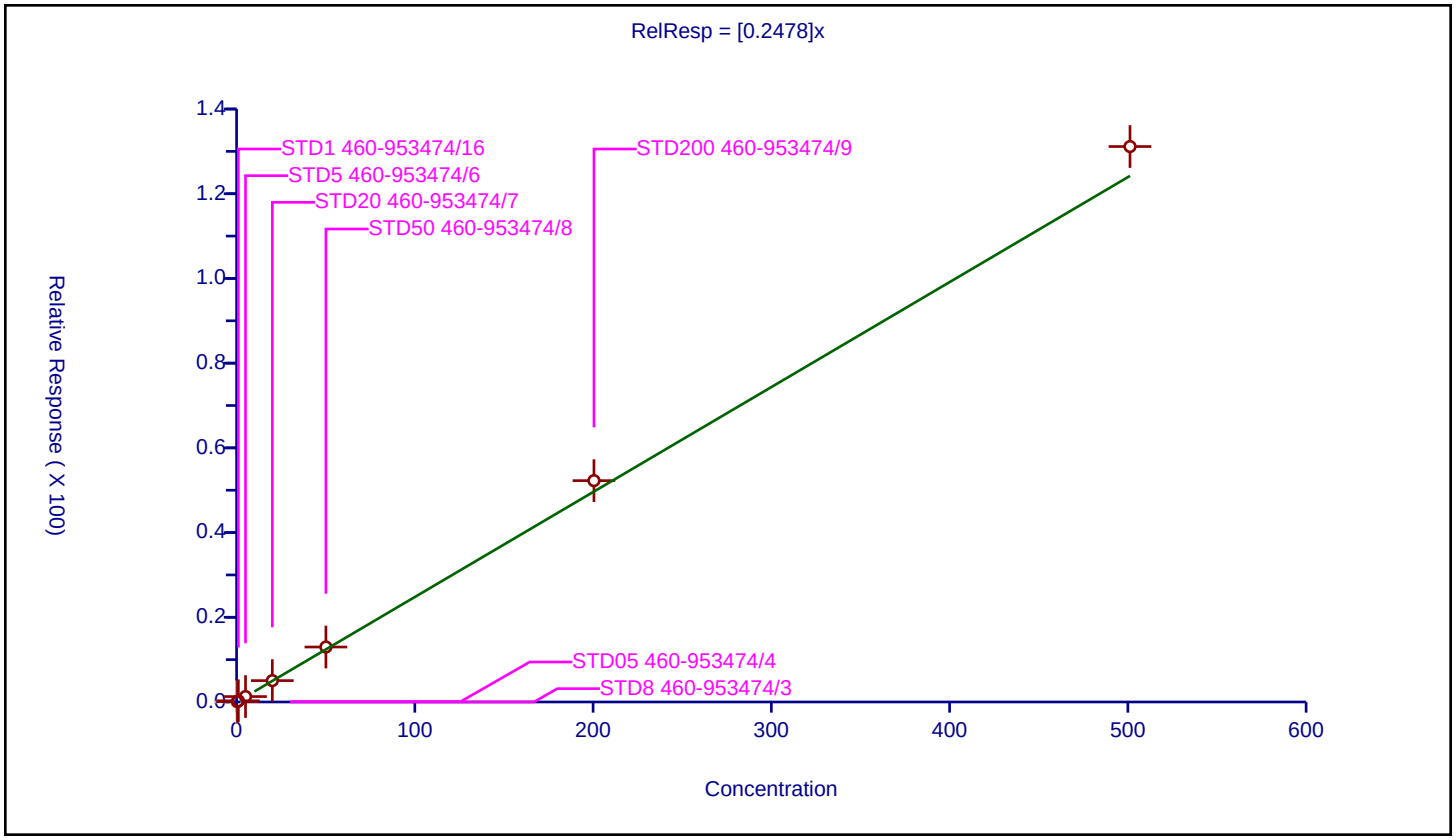
Curve Coefficients

Intercept:	0
Slope:	0.2478

Error Coefficients

Standard Error:	943000
Relative Standard Error:	15.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	636877.0	NaN	N
2	STD05 460-953474/4	0.5012	0.082796	50.0	638918.0	0.165196	Y
3	STD1 460-953474/16	1.0024	0.282056	50.0	681779.0	0.281381	Y
4	STD5 460-953474/6	5.012	1.279564	50.0	648815.0	0.2553	Y
5	STD20 460-953474/7	20.048	5.044326	50.0	684700.0	0.251612	Y
6	STD50 460-953474/8	50.12	12.979067	50.0	730900.0	0.25896	Y
7	STD200 460-953474/9	200.48	52.256918	50.0	791389.0	0.260659	Y
8	STD500 460-953474/10	501.2	131.143534	50.0	818751.0	0.261659	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

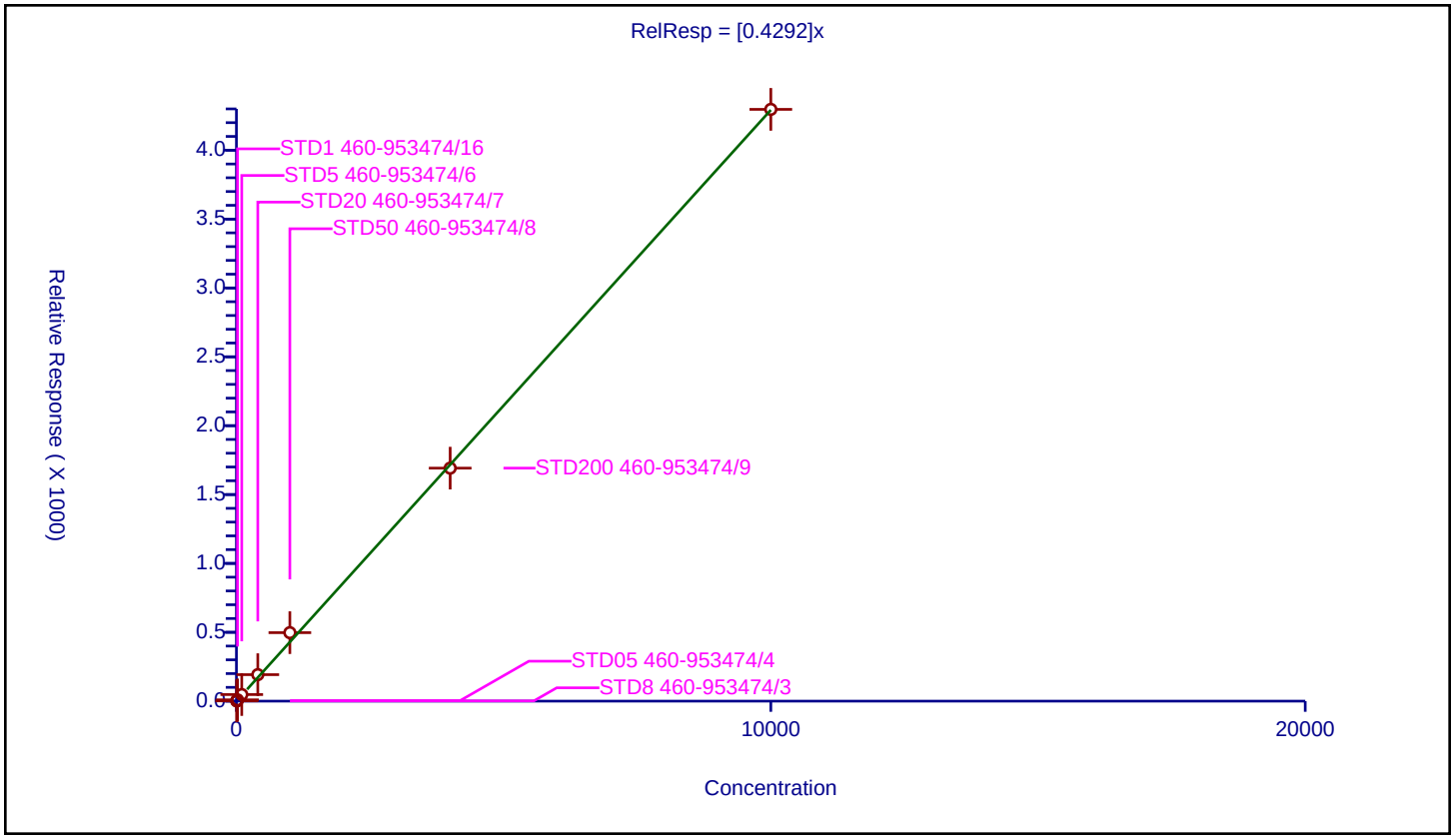
Curve Coefficients

Intercept:	0
Slope:	0.4292

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	17.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	5.000009	1.779201	250.0	313905.0	0.35584	Y
2	STD05 460-953474/4	10.000017	2.872132	250.0	303085.0	0.287213	Y
3	STD1 460-953474/16	20.000035	9.620337	250.0	304823.0	0.481016	Y
4	STD5 460-953474/6	100.000173	47.898484	250.0	299284.0	0.478984	Y
5	STD20 460-953474/7	400.000692	192.335143	250.0	333470.0	0.480837	Y
6	STD50 460-953474/8	1000.00173	497.189908	250.0	343583.0	0.497189	Y
7	STD200 460-953474/9	4000.00692	1691.801596	250.0	414599.0	0.42295	Y
8	STD500 460-953474/10	10000.0173	4296.447806	250.0	412759.0	0.429644	Y



Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

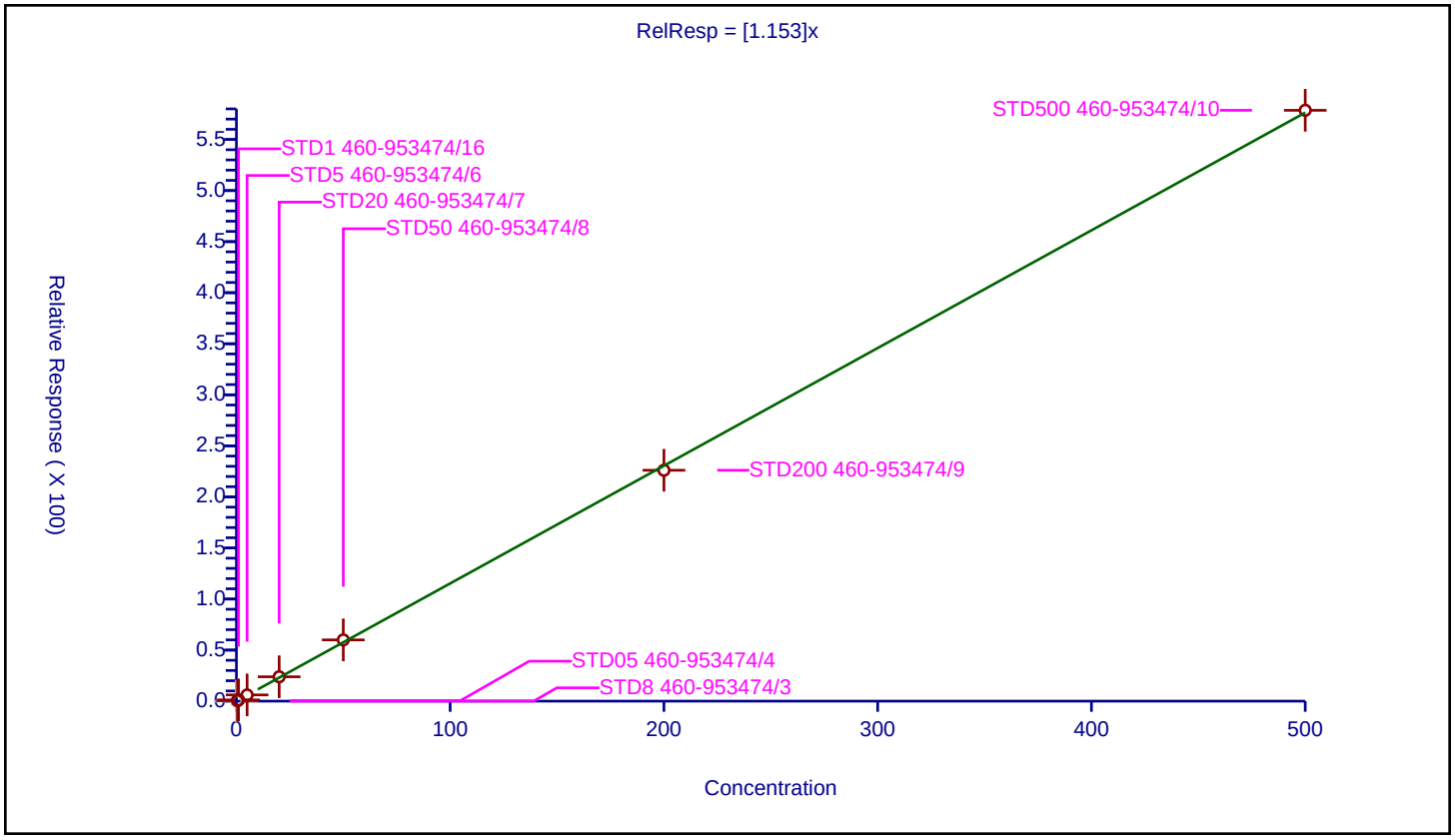
Curve Coefficients

Intercept:	0
Slope:	1.153

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	7.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.490571	50.0	456611.0	0.981141	Y
3	STD1 460-953474/16	1.0	1.192274	50.0	483404.0	1.192274	Y
4	STD5 460-953474/6	5.0	6.077544	50.0	452724.0	1.215509	Y
5	STD20 460-953474/7	20.0	23.841662	50.0	477926.0	1.192083	Y
6	STD50 460-953474/8	50.0	59.98044	50.0	501526.0	1.199609	Y
7	STD200 460-953474/9	200.0	226.111425	50.0	560789.0	1.130557	Y
8	STD500 460-953474/10	500.0	578.627026	50.0	568241.0	1.157254	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

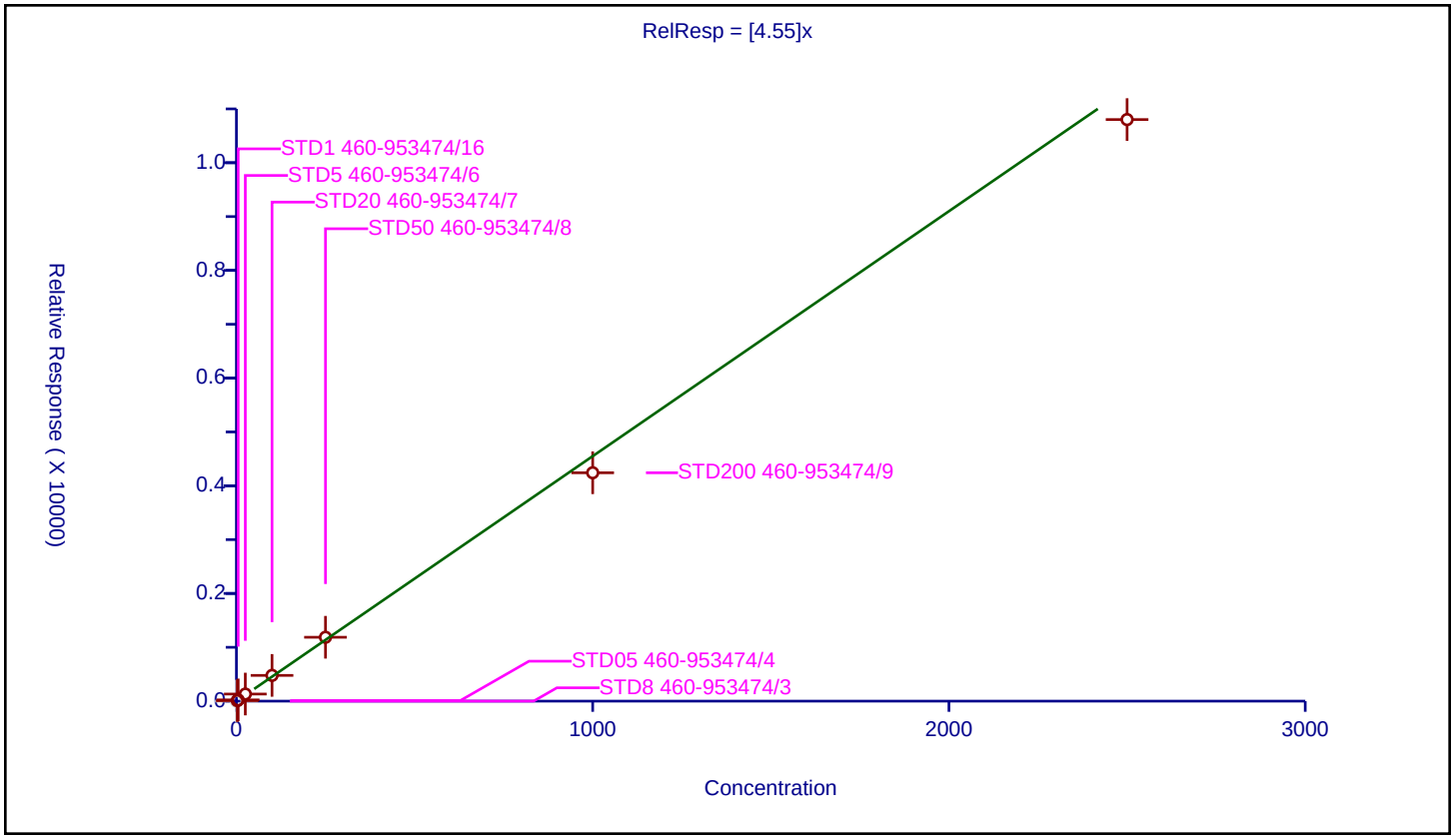
Curve Coefficients

Intercept:	0
Slope:	4.55

Error Coefficients

Standard Error:	7850000
Relative Standard Error:	9.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	2.5	9.756339	250.0	303085.0	3.902536	Y
3	STD1 460-953474/16	5.0	22.923139	250.0	304823.0	4.584628	Y
4	STD5 460-953474/6	25.0	131.801232	250.0	299284.0	5.272049	Y
5	STD20 460-953474/7	100.0	478.038504	250.0	333470.0	4.780385	Y
6	STD50 460-953474/8	250.0	1186.349441	250.0	343583.0	4.745398	Y
7	STD200 460-953474/9	1000.0	4241.790863	250.0	414599.0	4.241791	Y
8	STD500 460-953474/10	2500.0	10801.67725	250.0	412759.0	4.320671	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

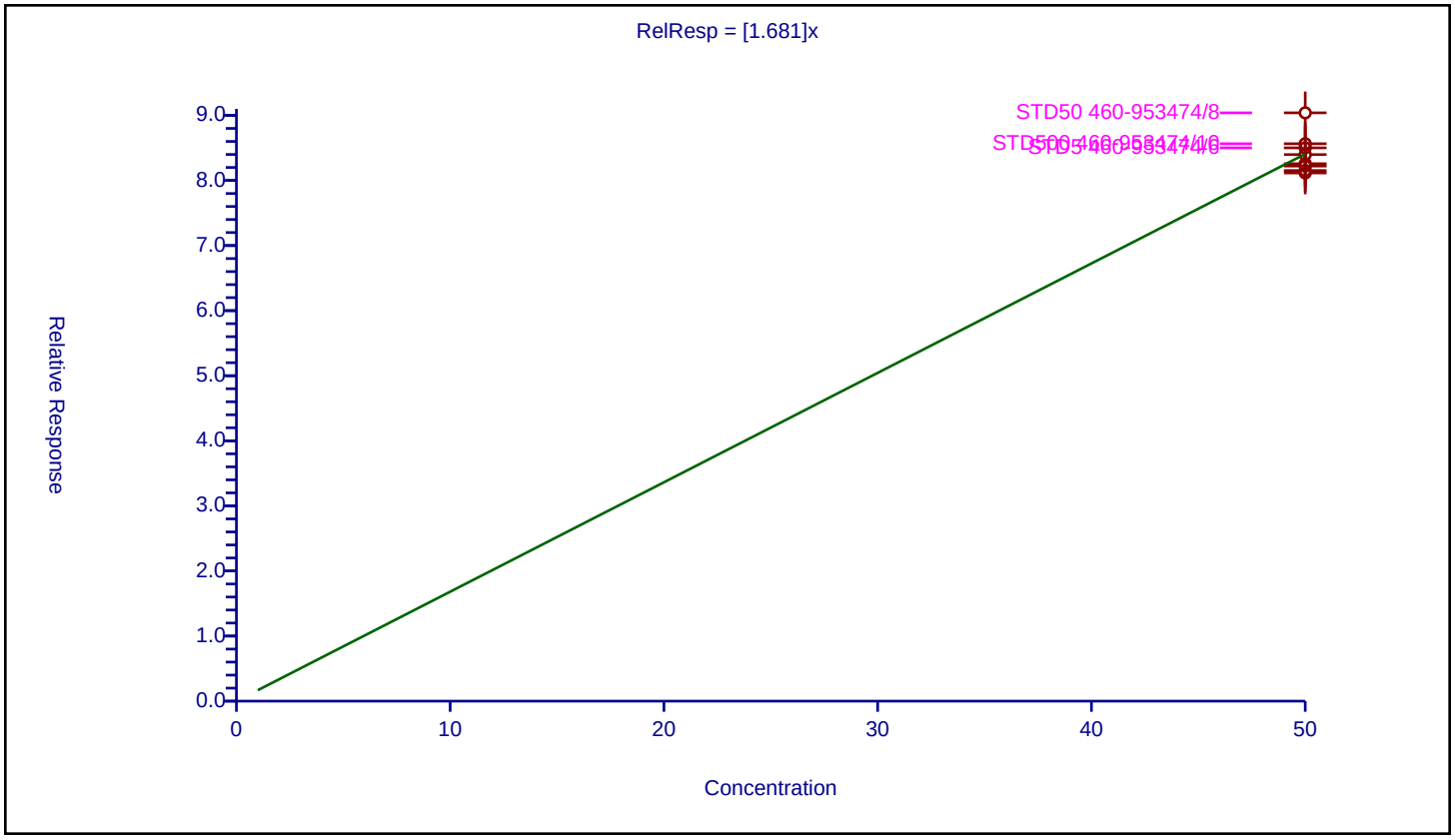
Curve Coefficients

Intercept:	0
Slope:	1.681

Error Coefficients

Standard Error:	896000
Relative Standard Error:	3.6
Correlation Coefficient:	0
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	50.0	82.576728	50.0	470104.0	1.651535	Y
2	STD05 460-953474/4	50.0	83.97947	50.0	456611.0	1.679589	Y
3	STD5 460-953474/6	50.0	85.010956	50.0	452724.0	1.700219	Y
4	STD20 460-953474/7	50.0	82.211995	50.0	477926.0	1.64424	Y
5	STD50 460-953474/8	50.0	90.393718	50.0	501526.0	1.807874	Y
6	STD200 460-953474/9	50.0	81.155301	50.0	560789.0	1.623106	Y
7	STD500 460-953474/10	50.0	85.646583	50.0	568241.0	1.712932	Y
8	STD1 460-953474/16	50.0	81.528907	50.0	483404.0	1.630578	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

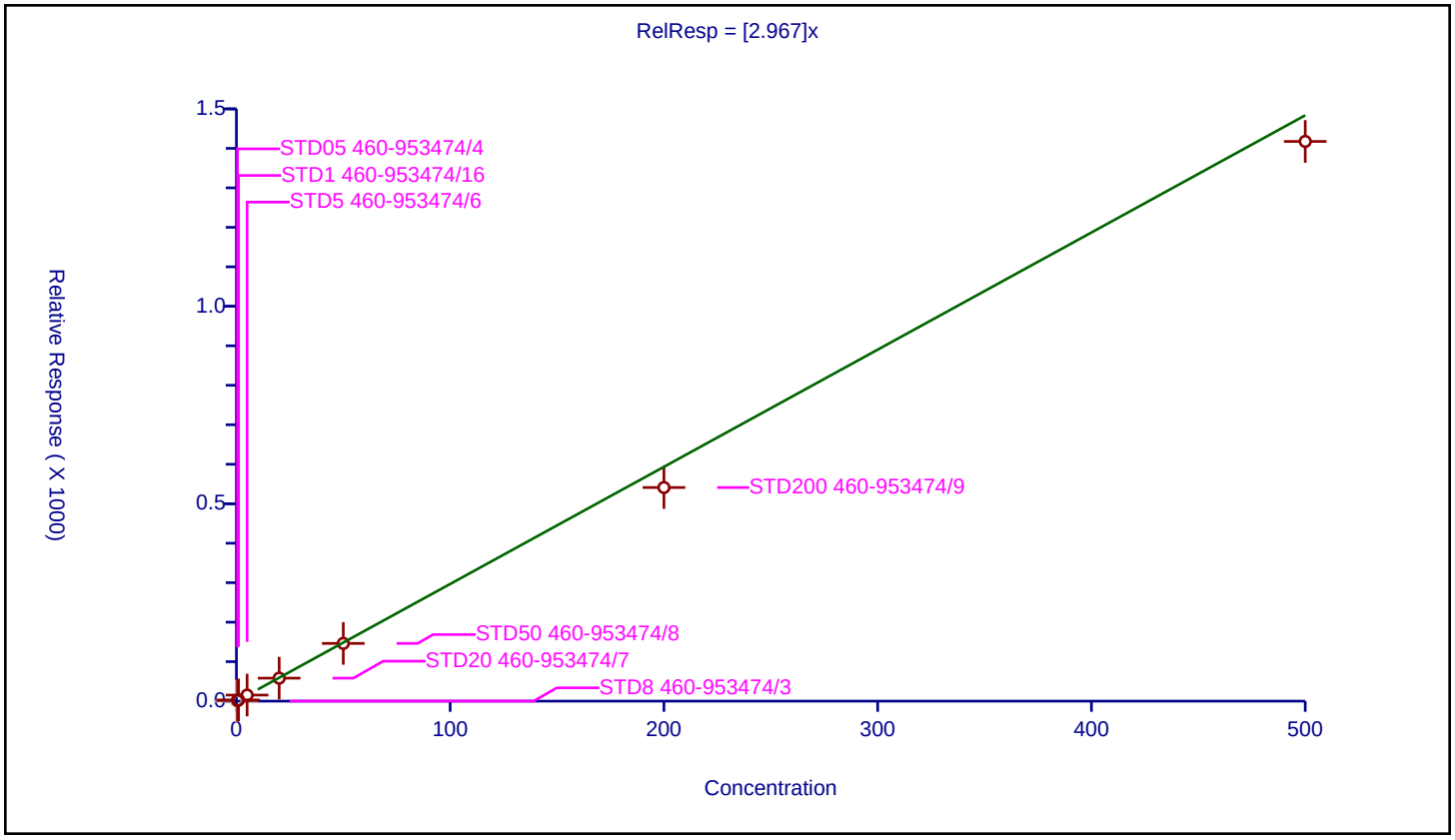
Curve Coefficients

Intercept:	0
Slope:	2.967

Error Coefficients

Standard Error:	7060000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	1.649544	50.0	456611.0	3.299088	Y
3	STD1 460-953474/16	1.0	3.028936	50.0	483404.0	3.028936	Y
4	STD5 460-953474/6	5.0	15.338705	50.0	452724.0	3.067741	Y
5	STD20 460-953474/7	20.0	58.235585	50.0	477926.0	2.911779	Y
6	STD50 460-953474/8	50.0	146.17946	50.0	501526.0	2.923589	Y
7	STD200 460-953474/9	200.0	541.068477	50.0	560789.0	2.705342	Y
8	STD500 460-953474/10	500.0	1417.552324	50.0	568241.0	2.835105	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

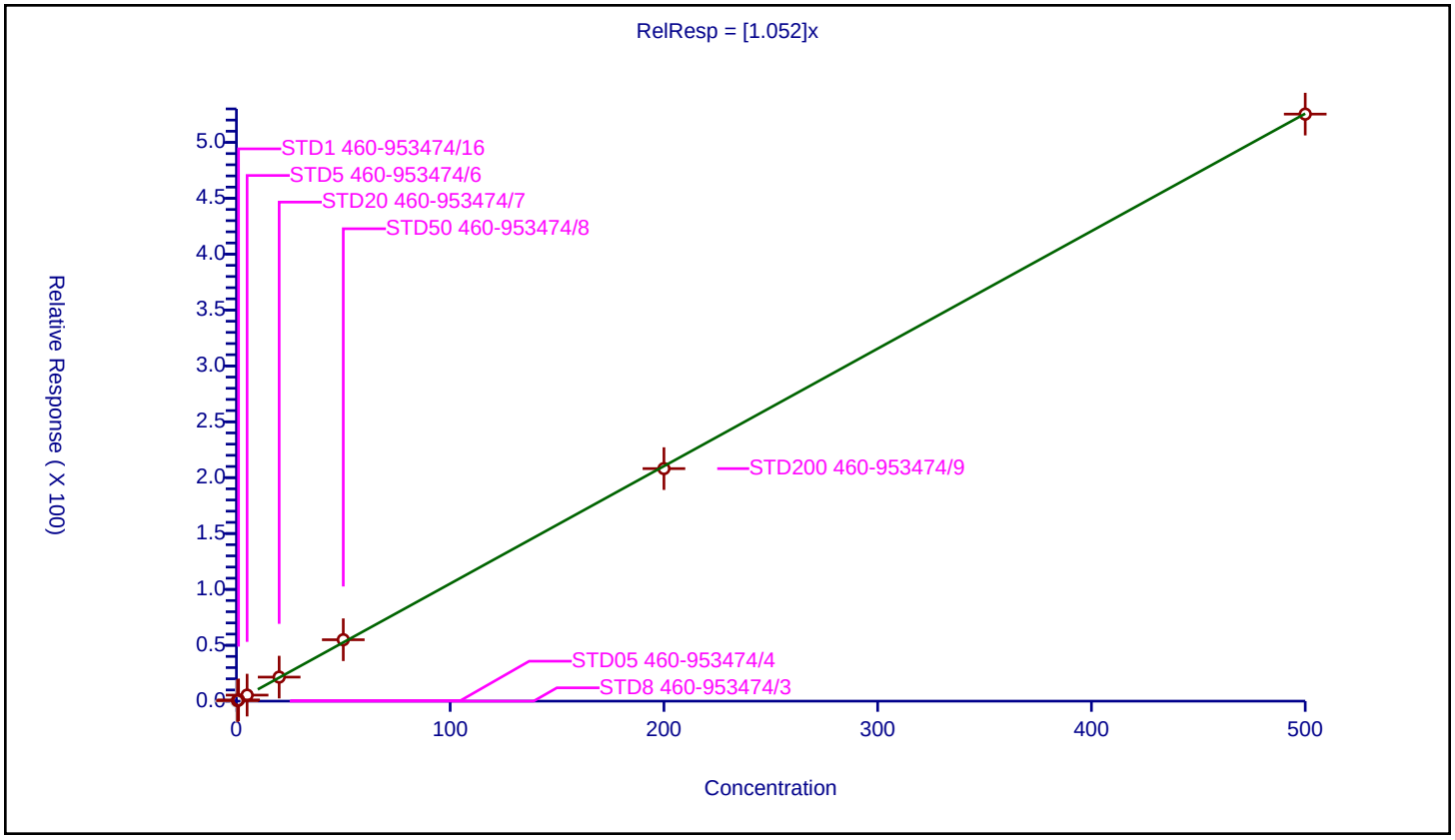
Curve Coefficients

Intercept:	0
Slope:	1.052

Error Coefficients

Standard Error:	2630000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.470422	50.0	456611.0	0.940845	Y
3	STD1 460-953474/16	1.0	1.074464	50.0	483404.0	1.074464	Y
4	STD5 460-953474/6	5.0	5.395451	50.0	452724.0	1.07909	Y
5	STD20 460-953474/7	20.0	21.52101	50.0	477926.0	1.07605	Y
6	STD50 460-953474/8	50.0	54.952286	50.0	501526.0	1.099046	Y
7	STD200 460-953474/9	200.0	208.097609	50.0	560789.0	1.040488	Y
8	STD500 460-953474/10	500.0	525.332737	50.0	568241.0	1.050665	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

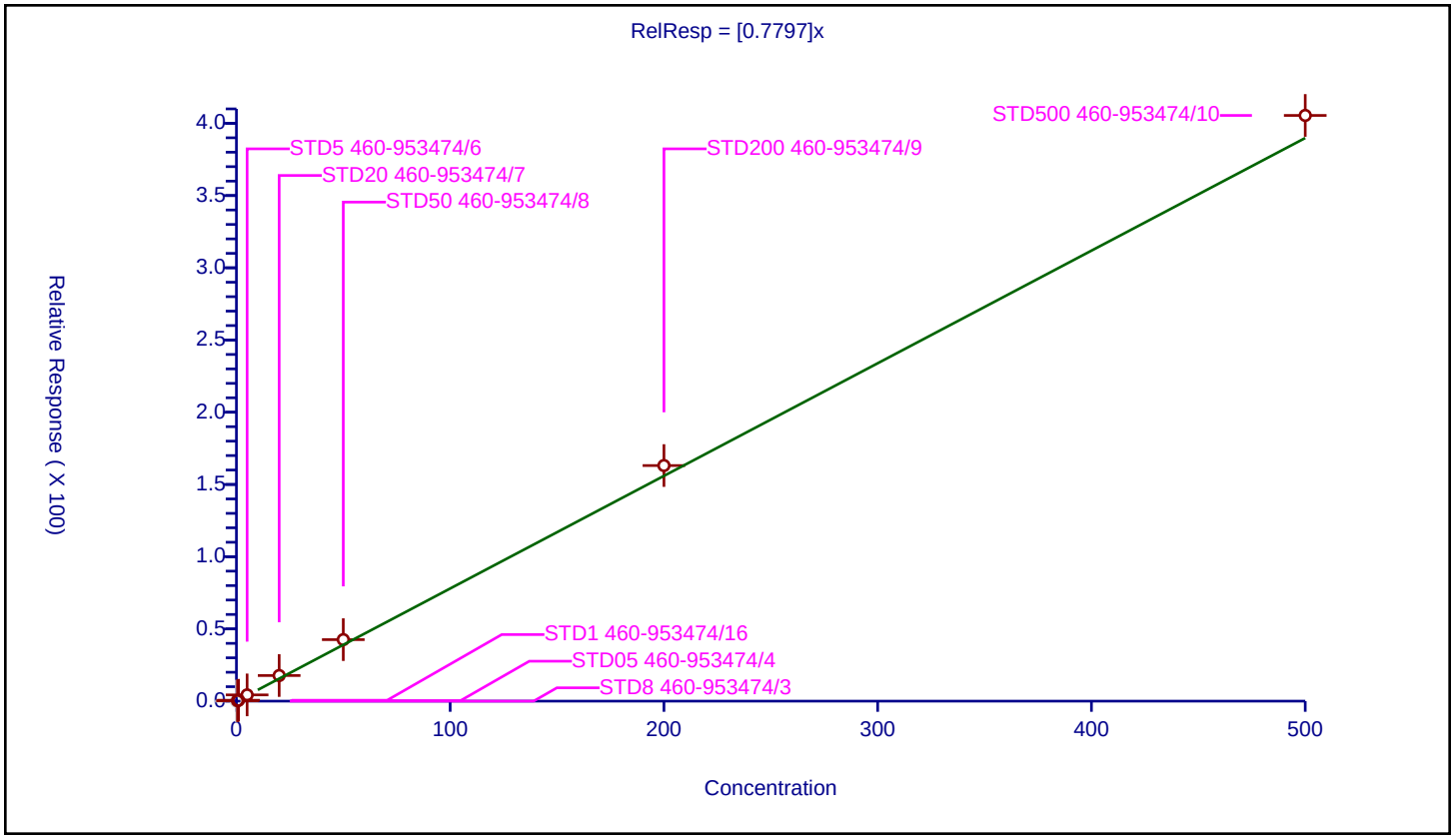
Curve Coefficients

Intercept:	0
Slope:	0.7797

Error Coefficients

Standard Error:	2030000
Relative Standard Error:	14.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.30803	50.0	456611.0	0.61606	Y
3	STD1 460-953474/16	1.0	0.613048	50.0	483404.0	0.613048	Y
4	STD5 460-953474/6	5.0	4.319409	50.0	452724.0	0.863882	Y
5	STD20 460-953474/7	20.0	17.730046	50.0	477926.0	0.886502	Y
6	STD50 460-953474/8	50.0	42.584432	50.0	501526.0	0.851689	Y
7	STD200 460-953474/9	200.0	163.097261	50.0	560789.0	0.815486	Y
8	STD500 460-953474/10	500.0	405.467223	50.0	568241.0	0.810934	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

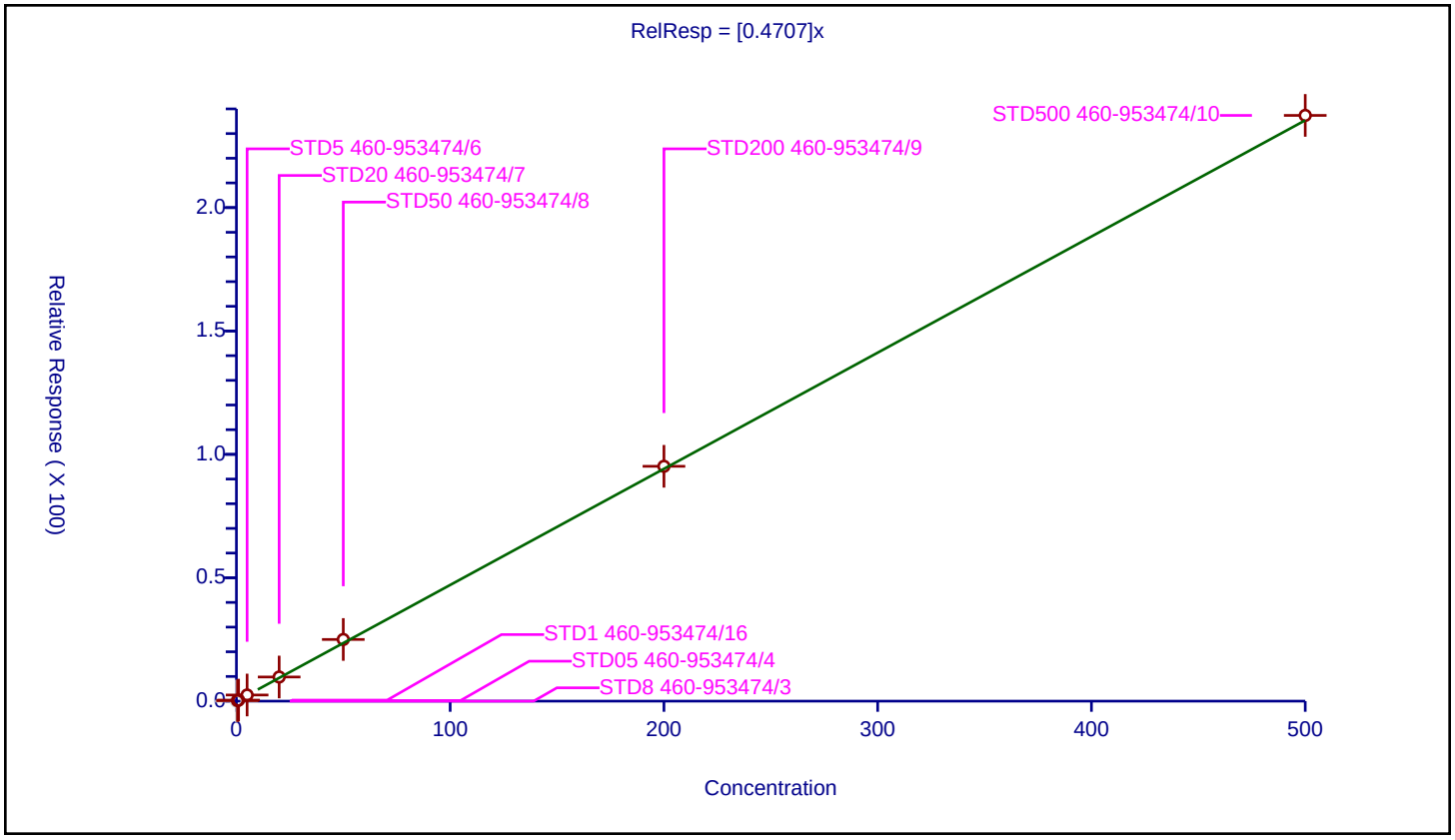
Curve Coefficients

Intercept:	0
Slope:	0.4707

Error Coefficients

Standard Error:	1190000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.219005	50.0	456611.0	0.43801	Y
3	STD1 460-953474/16	1.0	0.420456	50.0	483404.0	0.420456	Y
4	STD5 460-953474/6	5.0	2.485841	50.0	452724.0	0.497168	Y
5	STD20 460-953474/7	20.0	9.780175	50.0	477926.0	0.489009	Y
6	STD50 460-953474/8	50.0	24.990728	50.0	501526.0	0.499815	Y
7	STD200 460-953474/9	200.0	95.165205	50.0	560789.0	0.475826	Y
8	STD500 460-953474/10	500.0	237.353165	50.0	568241.0	0.474706	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

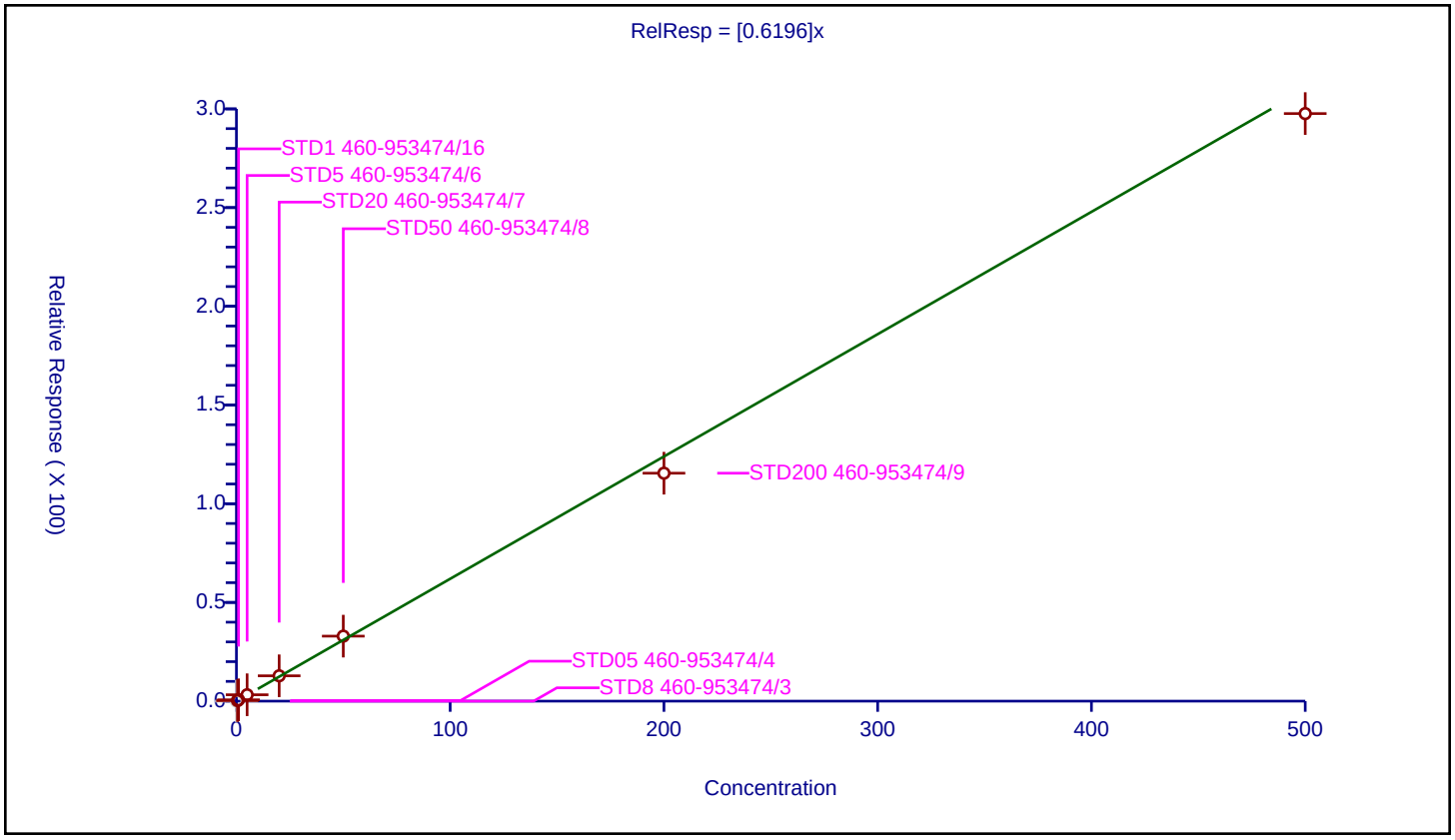
Curve Coefficients

Intercept:	0
Slope:	0.6196

Error Coefficients

Standard Error:	1490000
Relative Standard Error:	7.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.27277	50.0	456611.0	0.545541	Y
3	STD1 460-953474/16	1.0	0.672729	50.0	483404.0	0.672729	Y
4	STD5 460-953474/6	5.0	3.23166	50.0	452724.0	0.646332	Y
5	STD20 460-953474/7	20.0	12.833054	50.0	477926.0	0.641653	Y
6	STD50 460-953474/8	50.0	32.920327	50.0	501526.0	0.658407	Y
7	STD200 460-953474/9	200.0	115.467404	50.0	560789.0	0.577337	Y
8	STD500 460-953474/10	500.0	297.630407	50.0	568241.0	0.595261	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

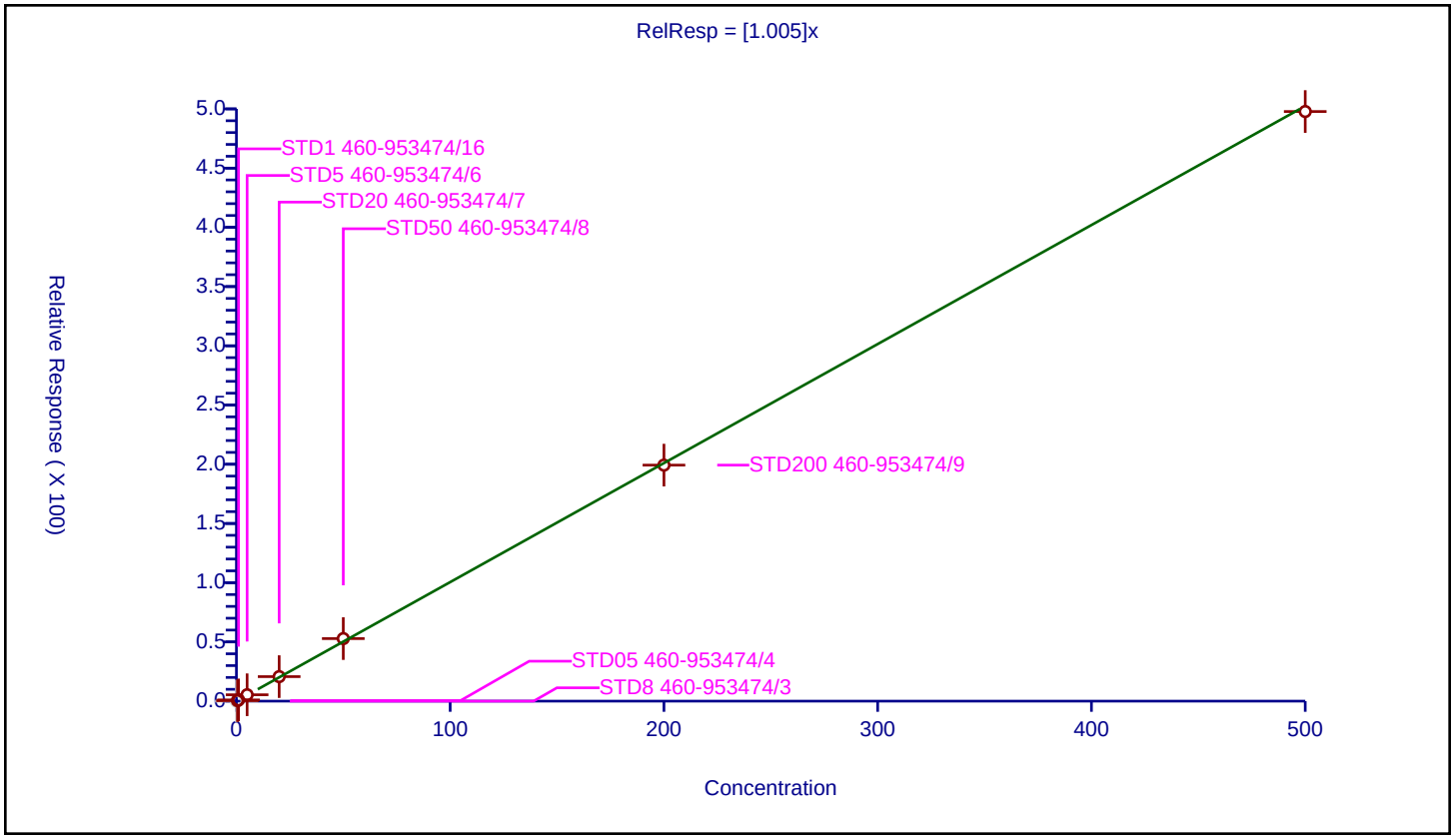
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	2490000
Relative Standard Error:	7.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.42695	50.0	456611.0	0.8539	Y
3	STD1 460-953474/16	1.0	1.02285	50.0	483404.0	1.02285	Y
4	STD5 460-953474/6	5.0	5.375129	50.0	452724.0	1.075026	Y
5	STD20 460-953474/7	20.0	20.688558	50.0	477926.0	1.034428	Y
6	STD50 460-953474/8	50.0	52.797163	50.0	501526.0	1.055943	Y
7	STD200 460-953474/9	200.0	199.256226	50.0	560789.0	0.996281	Y
8	STD500 460-953474/10	500.0	497.784567	50.0	568241.0	0.995569	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

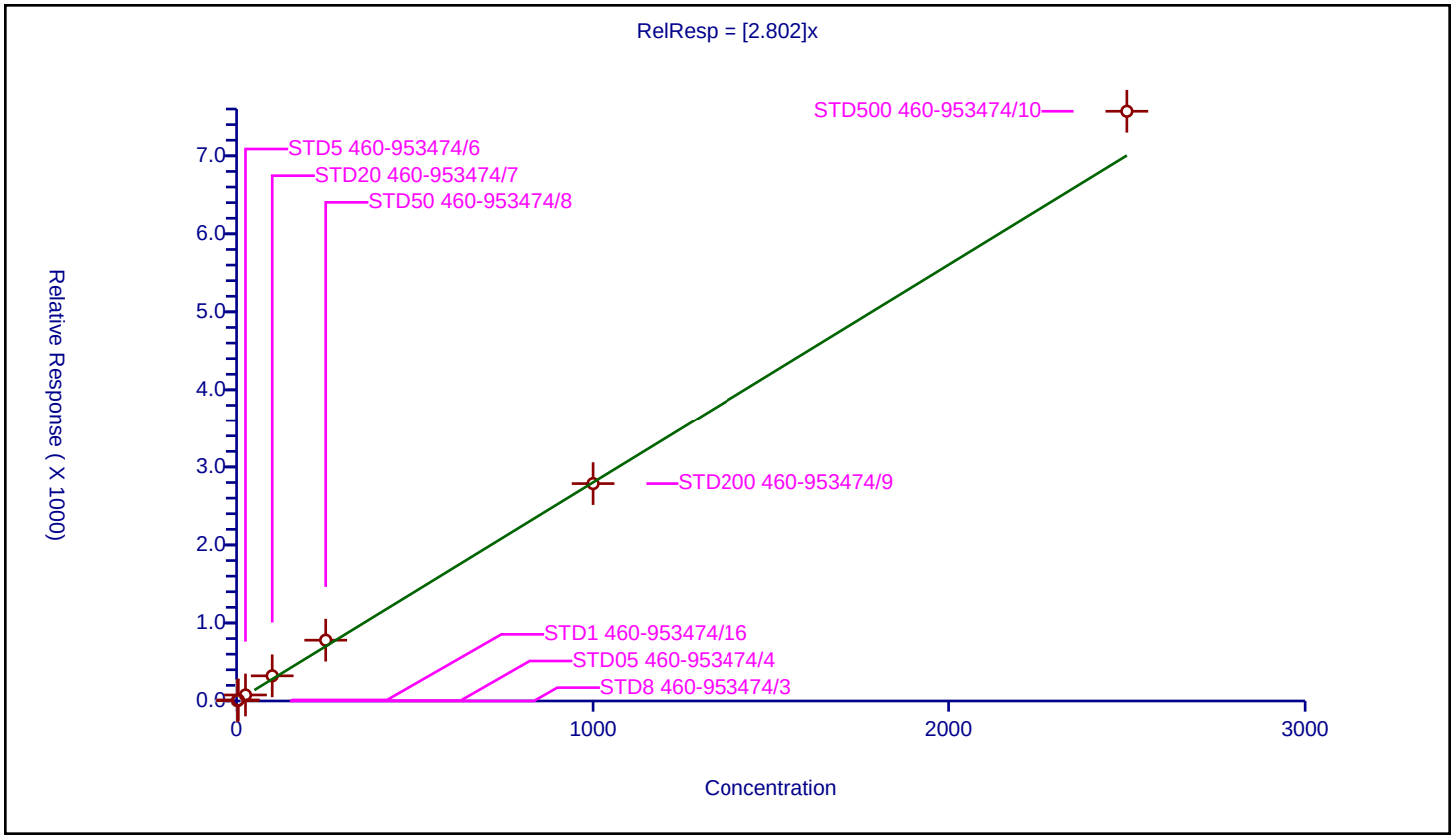
Curve Coefficients

Intercept:	0
Slope:	2.802

Error Coefficients

Standard Error:	5460000
Relative Standard Error:	18.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	250.0	313905.0	NaN	N
2	STD05 460-953474/4	2.5	4.192718	250.0	303085.0	1.677087	Y
3	STD1 460-953474/16	5.0	13.493076	250.0	304823.0	2.698615	Y
4	STD5 460-953474/6	25.0	76.987076	250.0	299284.0	3.079483	Y
5	STD20 460-953474/7	100.0	322.461541	250.0	333470.0	3.224615	Y
6	STD50 460-953474/8	250.0	779.527072	250.0	343583.0	3.118108	Y
7	STD200 460-953474/9	1000.0	2786.411689	250.0	414599.0	2.786412	Y
8	STD500 460-953474/10	2500.0	7571.412737	250.0	412759.0	3.028565	Y



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Calibration / n-Butyl acetate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

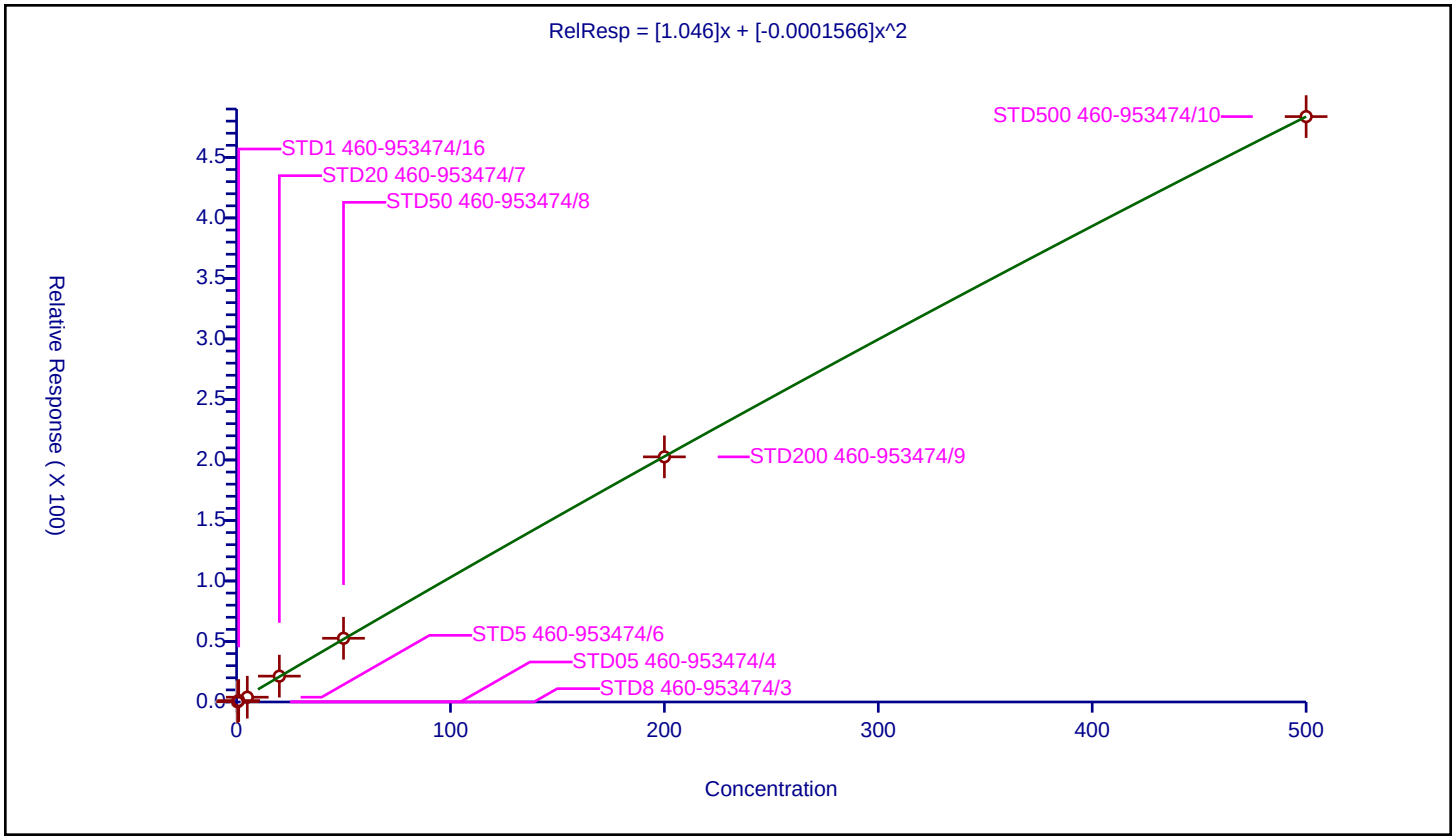
Curve Coefficients

Intercept:	0
Slope:	1.046
Second Order:	-0.0001566

Error Coefficients

Standard Error:	2670000
Relative Standard Error:	27.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.228203	50.0	456611.0	0.456406	Y
3	STD1 460-953474/16	1.0	1.150487	50.0	483404.0	1.150487	Y
4	STD5 460-953474/6	5.0	3.950641	50.0	452724.0	0.790128	Y
5	STD20 460-953474/7	20.0	21.362617	50.0	477926.0	1.068131	Y
6	STD50 460-953474/8	50.0	52.646922	50.0	501526.0	1.052938	Y
7	STD200 460-953474/9	200.0	202.569772	50.0	560789.0	1.012849	Y
8	STD500 460-953474/10	500.0	483.749061	50.0	568241.0	0.967498	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

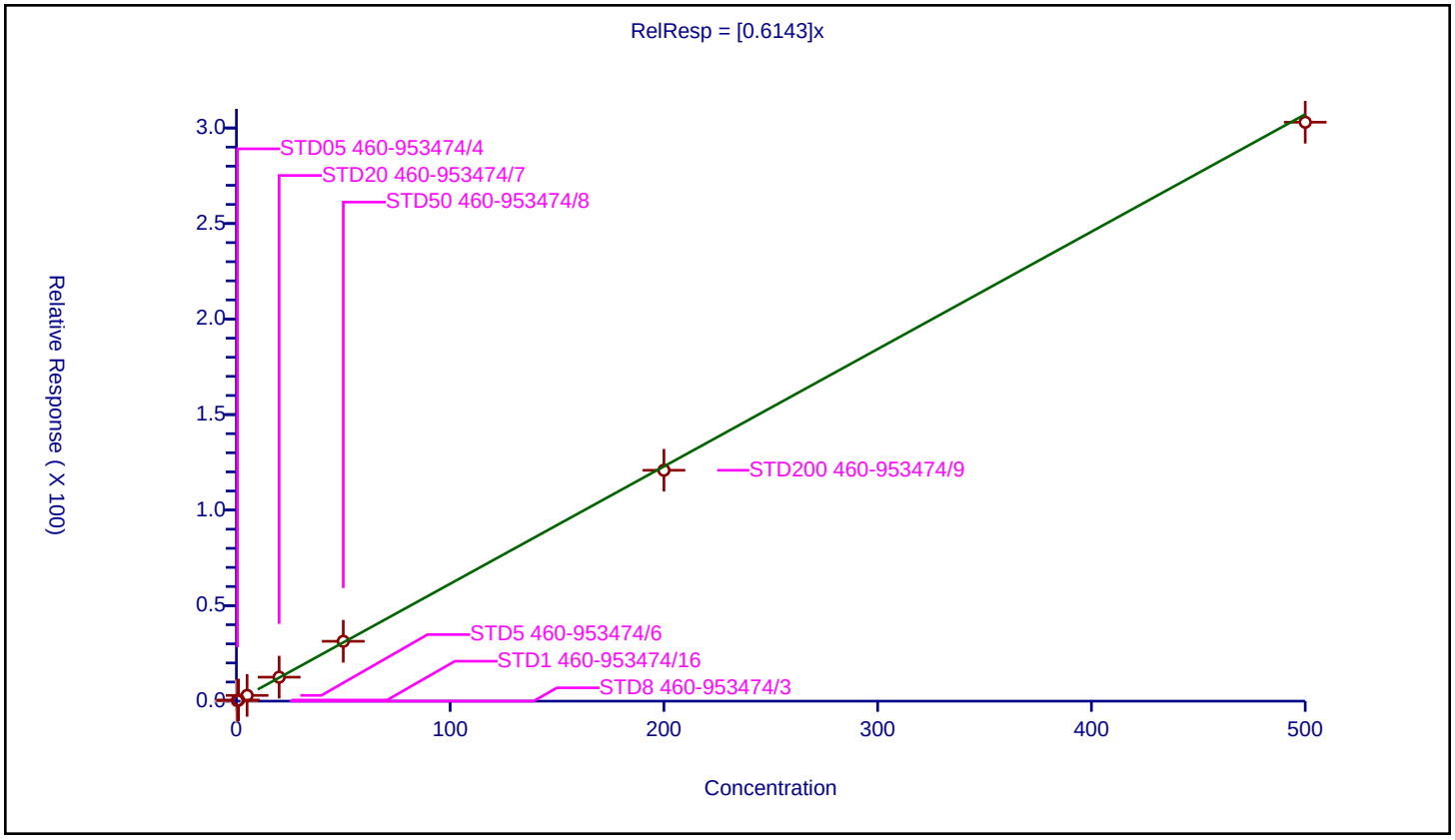
Curve Coefficients

Intercept:	0
Slope:	0.6143

Error Coefficients

Standard Error:	1520000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.320842	50.0	456611.0	0.641684	Y
3	STD1 460-953474/16	1.0	0.592569	50.0	483404.0	0.592569	Y
4	STD5 460-953474/6	5.0	3.006578	50.0	452724.0	0.601316	Y
5	STD20 460-953474/7	20.0	12.551106	50.0	477926.0	0.627555	Y
6	STD50 460-953474/8	50.0	31.332274	50.0	501526.0	0.626645	Y
7	STD200 460-953474/9	200.0	120.846789	50.0	560789.0	0.604234	Y
8	STD500 460-953474/10	500.0	303.017646	50.0	568241.0	0.606035	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

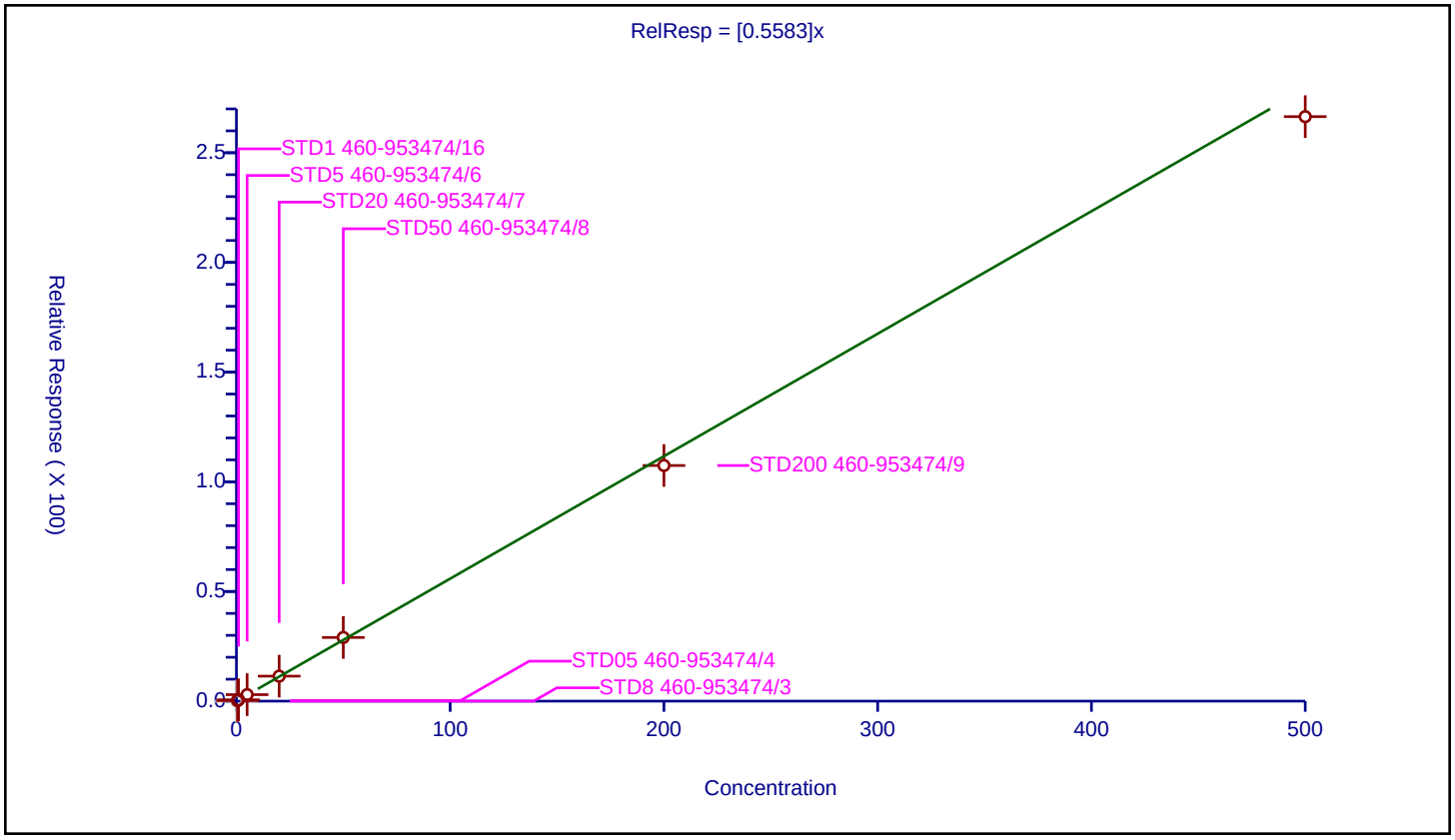
Curve Coefficients

Intercept:	0
Slope:	0.5583

Error Coefficients

Standard Error:	1340000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.249118	50.0	456611.0	0.498236	Y
3	STD1 460-953474/16	1.0	0.599395	50.0	483404.0	0.599395	Y
4	STD5 460-953474/6	5.0	2.952019	50.0	452724.0	0.590404	Y
5	STD20 460-953474/7	20.0	11.394965	50.0	477926.0	0.569748	Y
6	STD50 460-953474/8	50.0	29.022922	50.0	501526.0	0.580458	Y
7	STD200 460-953474/9	200.0	107.431226	50.0	560789.0	0.537156	Y
8	STD500 460-953474/10	500.0	266.465637	50.0	568241.0	0.532931	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

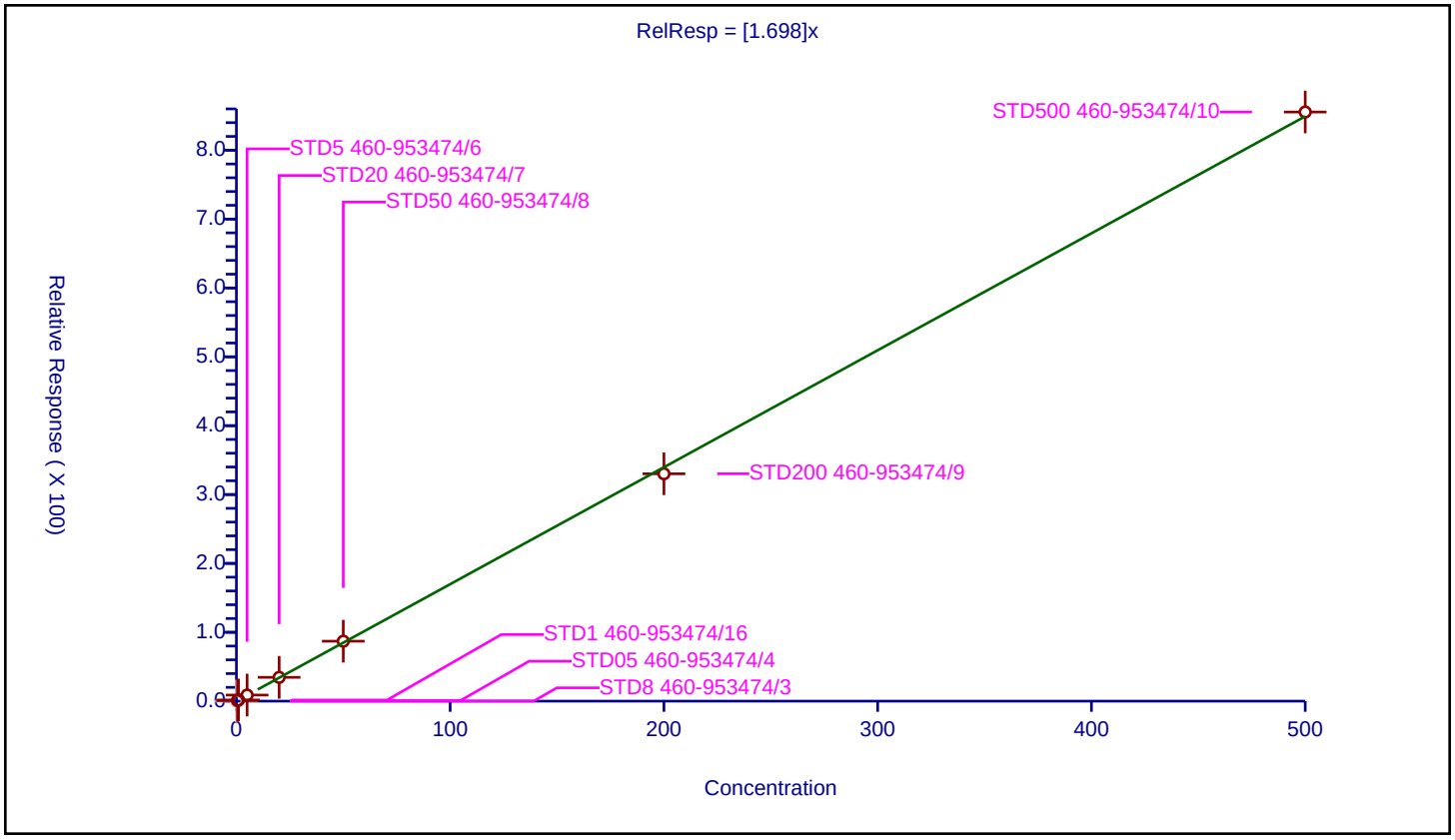
Curve Coefficients

Intercept:	0
Slope:	1.698

Error Coefficients

Standard Error:	4260000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.806814	50.0	456611.0	1.613627	Y
3	STD1 460-953474/16	1.0	1.678617	50.0	483404.0	1.678617	Y
4	STD5 460-953474/6	5.0	8.830877	50.0	452724.0	1.766175	Y
5	STD20 460-953474/7	20.0	34.541017	50.0	477926.0	1.727051	Y
6	STD50 460-953474/8	50.0	87.024302	50.0	501526.0	1.740486	Y
7	STD200 460-953474/9	200.0	330.164019	50.0	560789.0	1.65082	Y
8	STD500 460-953474/10	500.0	855.452088	50.0	568241.0	1.710904	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

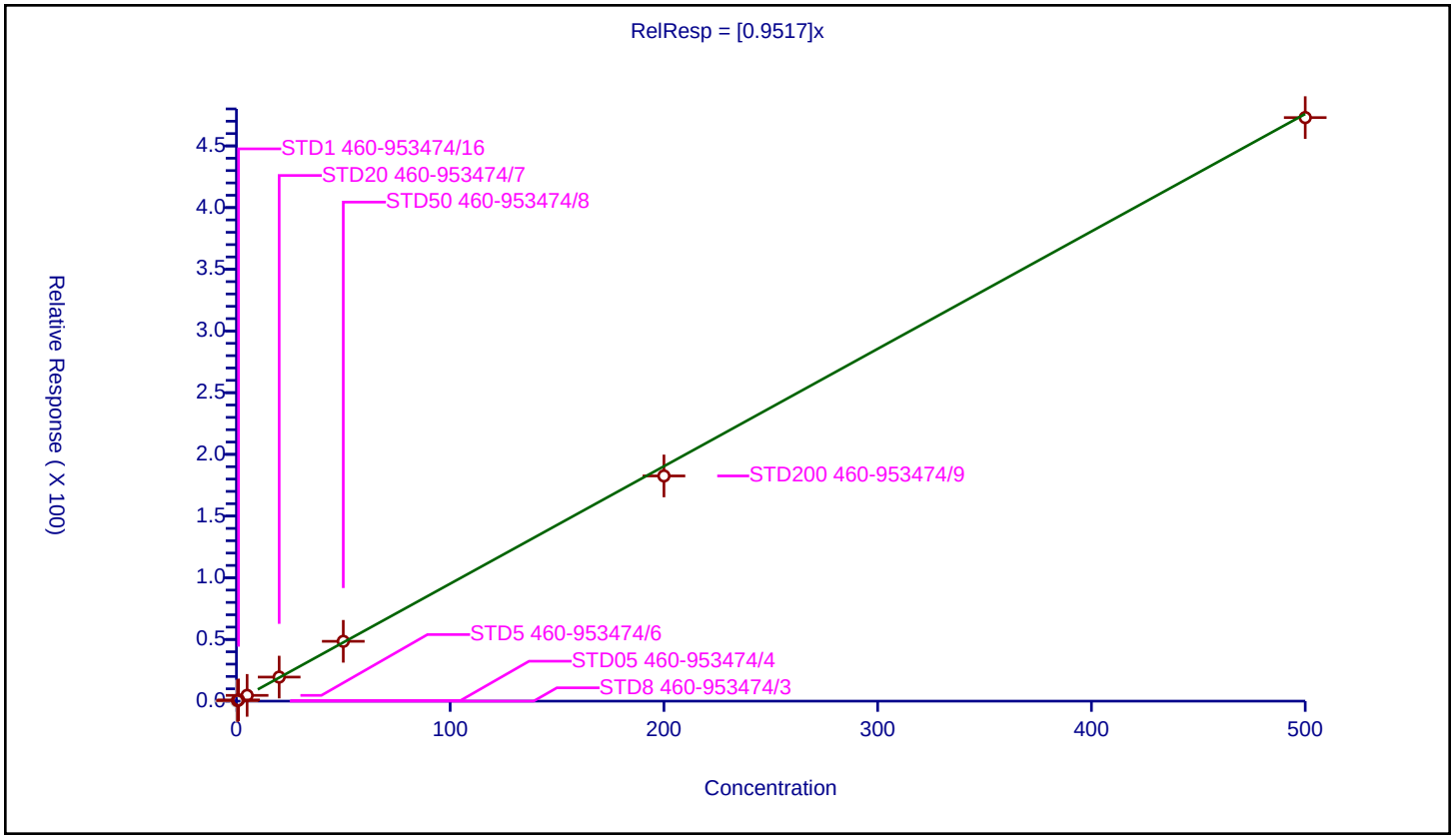
Curve Coefficients

Intercept:	0
Slope:	0.9517

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.465823	50.0	456611.0	0.931646	Y
3	STD1 460-953474/16	1.0	0.990579	50.0	483404.0	0.990579	Y
4	STD5 460-953474/6	5.0	4.683317	50.0	452724.0	0.936663	Y
5	STD20 460-953474/7	20.0	19.502287	50.0	477926.0	0.975114	Y
6	STD50 460-953474/8	50.0	48.48612	50.0	501526.0	0.969722	Y
7	STD200 460-953474/9	200.0	182.515795	50.0	560789.0	0.912579	Y
8	STD500 460-953474/10	500.0	472.944754	50.0	568241.0	0.94589	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

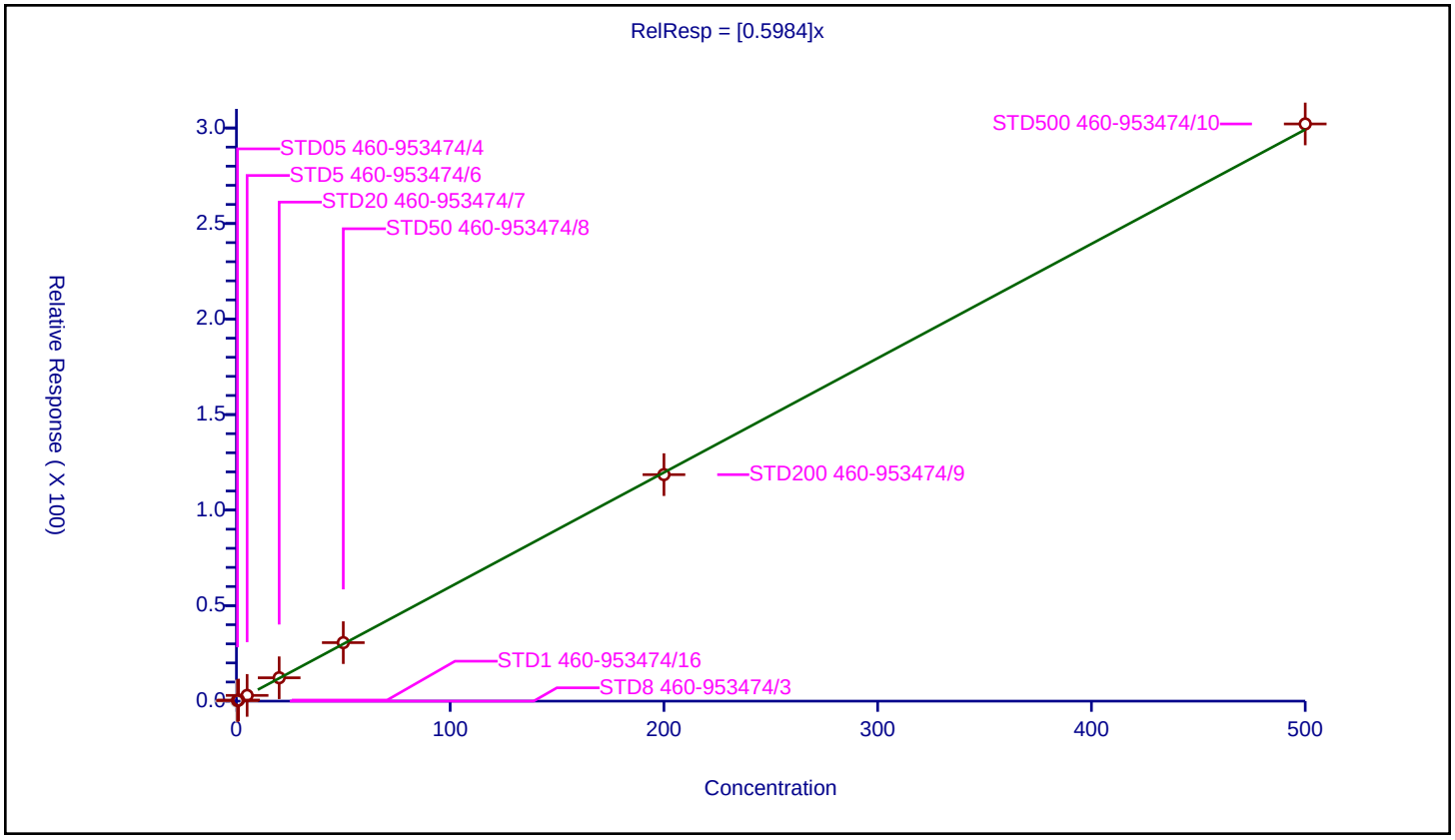
Curve Coefficients

Intercept:	0
Slope:	0.5984

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.300146	50.0	456611.0	0.600292	Y
3	STD1 460-953474/16	1.0	0.567124	50.0	483404.0	0.567124	Y
4	STD5 460-953474/6	5.0	2.998737	50.0	452724.0	0.599747	Y
5	STD20 460-953474/7	20.0	12.237669	50.0	477926.0	0.611883	Y
6	STD50 460-953474/8	50.0	30.618452	50.0	501526.0	0.612369	Y
7	STD200 460-953474/9	200.0	118.562686	50.0	560789.0	0.592813	Y
8	STD500 460-953474/10	500.0	302.126826	50.0	568241.0	0.604254	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

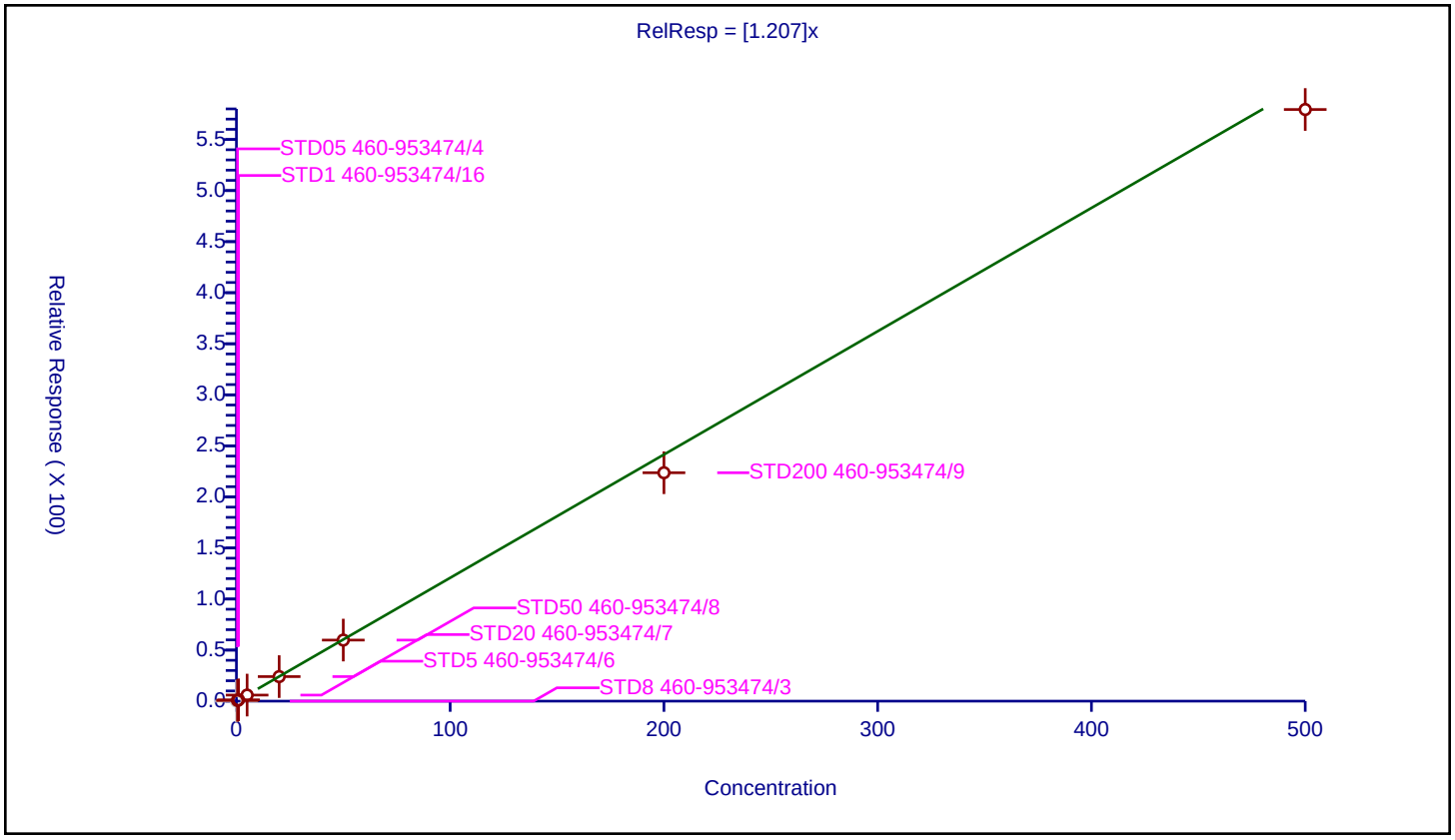
Curve Coefficients

Intercept:	0
Slope:	1.207

Error Coefficients

Standard Error:	2890000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.668184	50.0	456611.0	1.336367	Y
3	STD1 460-953474/16	1.0	1.256713	50.0	483404.0	1.256713	Y
4	STD5 460-953474/6	5.0	5.924691	50.0	452724.0	1.184938	Y
5	STD20 460-953474/7	20.0	24.02464	50.0	477926.0	1.201232	Y
6	STD50 460-953474/8	50.0	59.789622	50.0	501526.0	1.195792	Y
7	STD200 460-953474/9	200.0	223.681278	50.0	560789.0	1.118406	Y
8	STD500 460-953474/10	500.0	579.393778	50.0	568241.0	1.158788	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

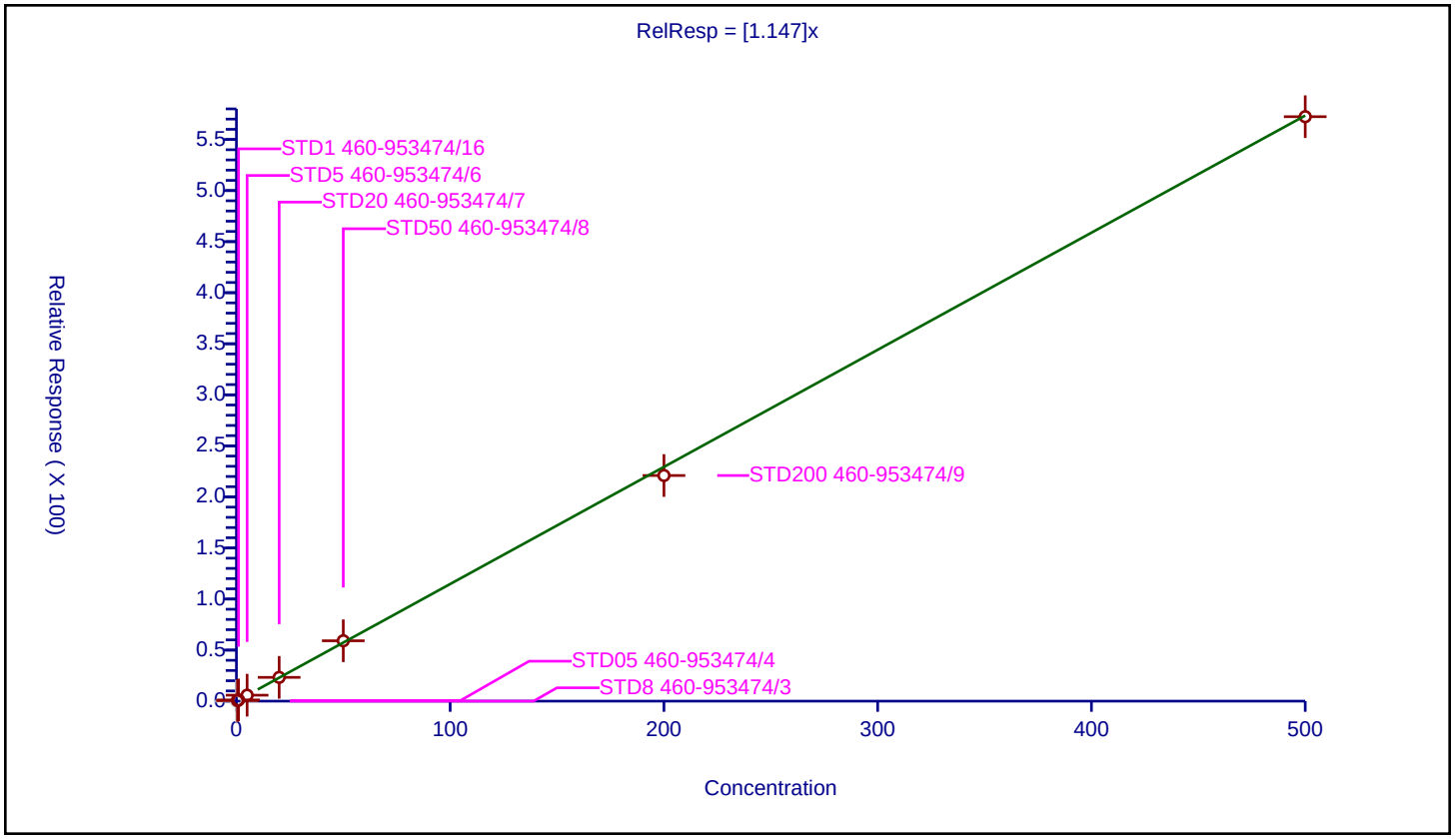
Curve Coefficients

Intercept:	0
Slope:	1.147

Error Coefficients

Standard Error:	2850000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.548498	50.0	456611.0	1.096995	Y
3	STD1 460-953474/16	1.0	1.169208	50.0	483404.0	1.169208	Y
4	STD5 460-953474/6	5.0	5.830926	50.0	452724.0	1.166185	Y
5	STD20 460-953474/7	20.0	23.28373	50.0	477926.0	1.164187	Y
6	STD50 460-953474/8	50.0	59.114682	50.0	501526.0	1.182294	Y
7	STD200 460-953474/9	200.0	220.958507	50.0	560789.0	1.104793	Y
8	STD500 460-953474/10	500.0	572.366918	50.0	568241.0	1.144734	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

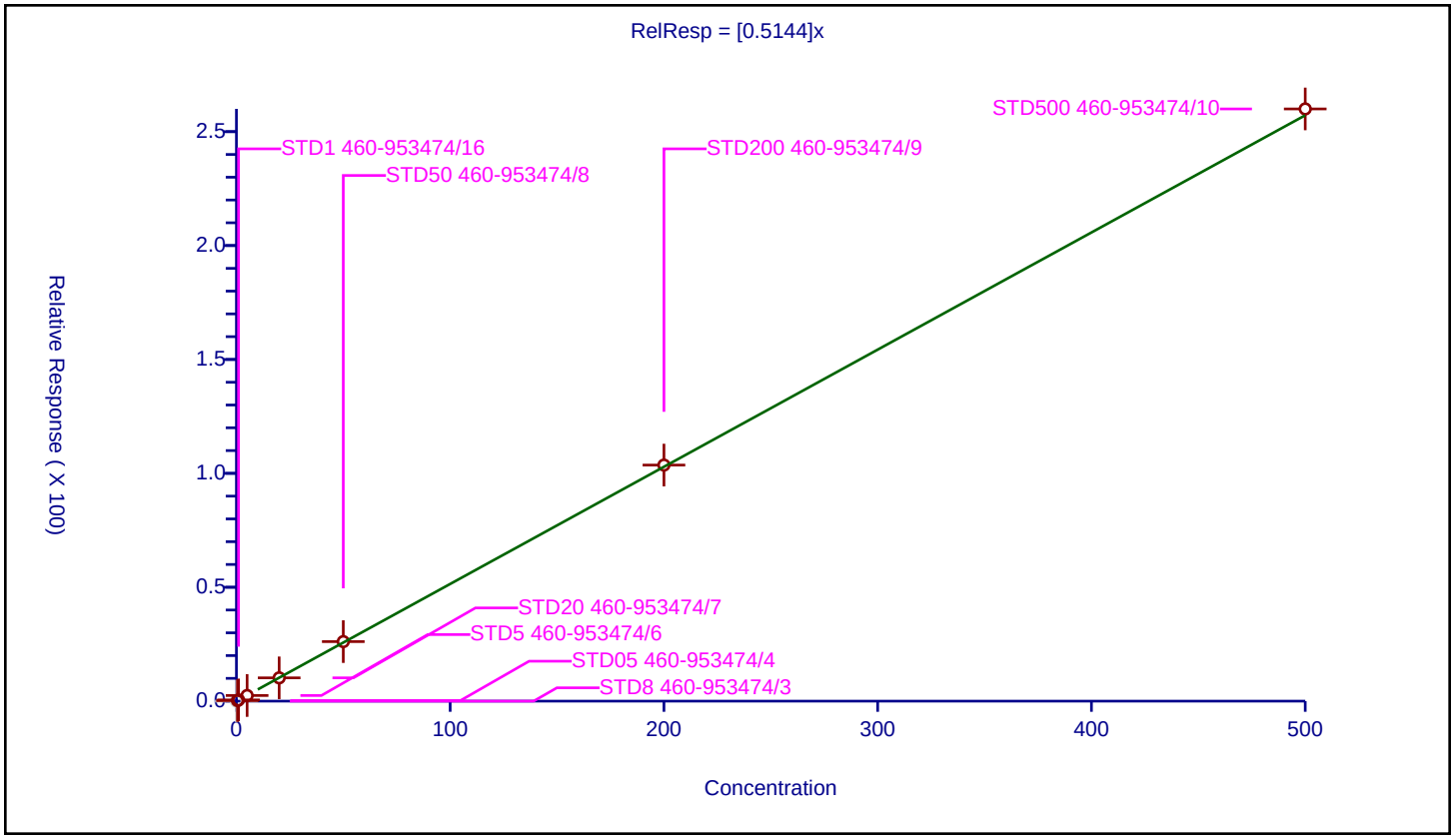
Curve Coefficients

Intercept:	0
Slope:	0.5144

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.251089	50.0	456611.0	0.502178	Y
3	STD1 460-953474/16	1.0	0.530922	50.0	483404.0	0.530922	Y
4	STD5 460-953474/6	5.0	2.477116	50.0	452724.0	0.495423	Y
5	STD20 460-953474/7	20.0	10.224177	50.0	477926.0	0.511209	Y
6	STD50 460-953474/8	50.0	26.137528	50.0	501526.0	0.522751	Y
7	STD200 460-953474/9	200.0	103.636573	50.0	560789.0	0.518183	Y
8	STD500 460-953474/10	500.0	259.98124	50.0	568241.0	0.519962	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

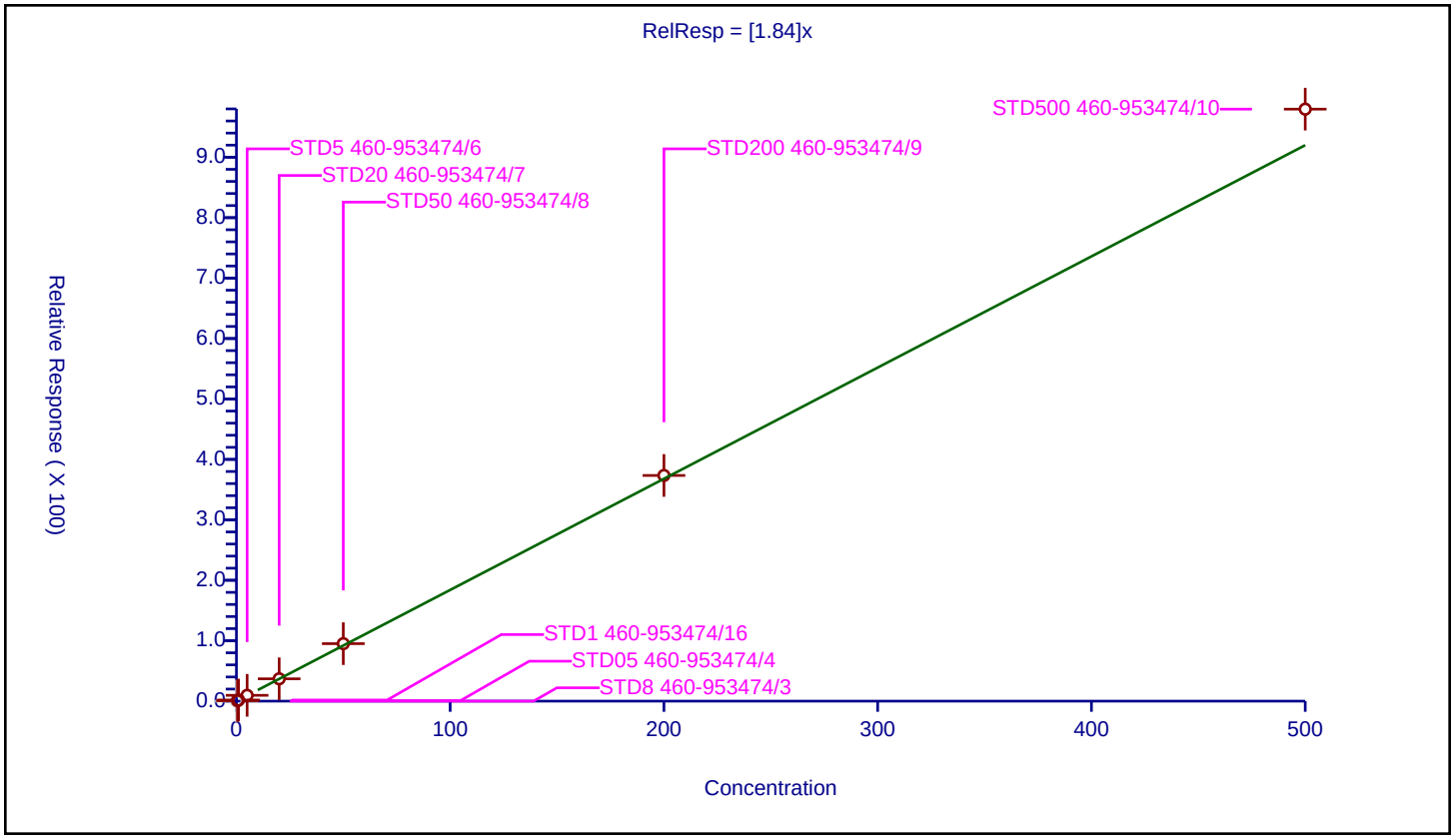
Curve Coefficients

Intercept:	0
Slope:	1.84

Error Coefficients

Standard Error:	4870000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.776591	50.0	456611.0	1.553182	Y
3	STD1 460-953474/16	1.0	1.822182	50.0	483404.0	1.822182	Y
4	STD5 460-953474/6	5.0	9.631365	50.0	452724.0	1.926273	Y
5	STD20 460-953474/7	20.0	36.969426	50.0	477926.0	1.848471	Y
6	STD50 460-953474/8	50.0	95.111619	50.0	501526.0	1.902232	Y
7	STD200 460-953474/9	200.0	373.447411	50.0	560789.0	1.867237	Y
8	STD500 460-953474/10	500.0	979.581023	50.0	568241.0	1.959162	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

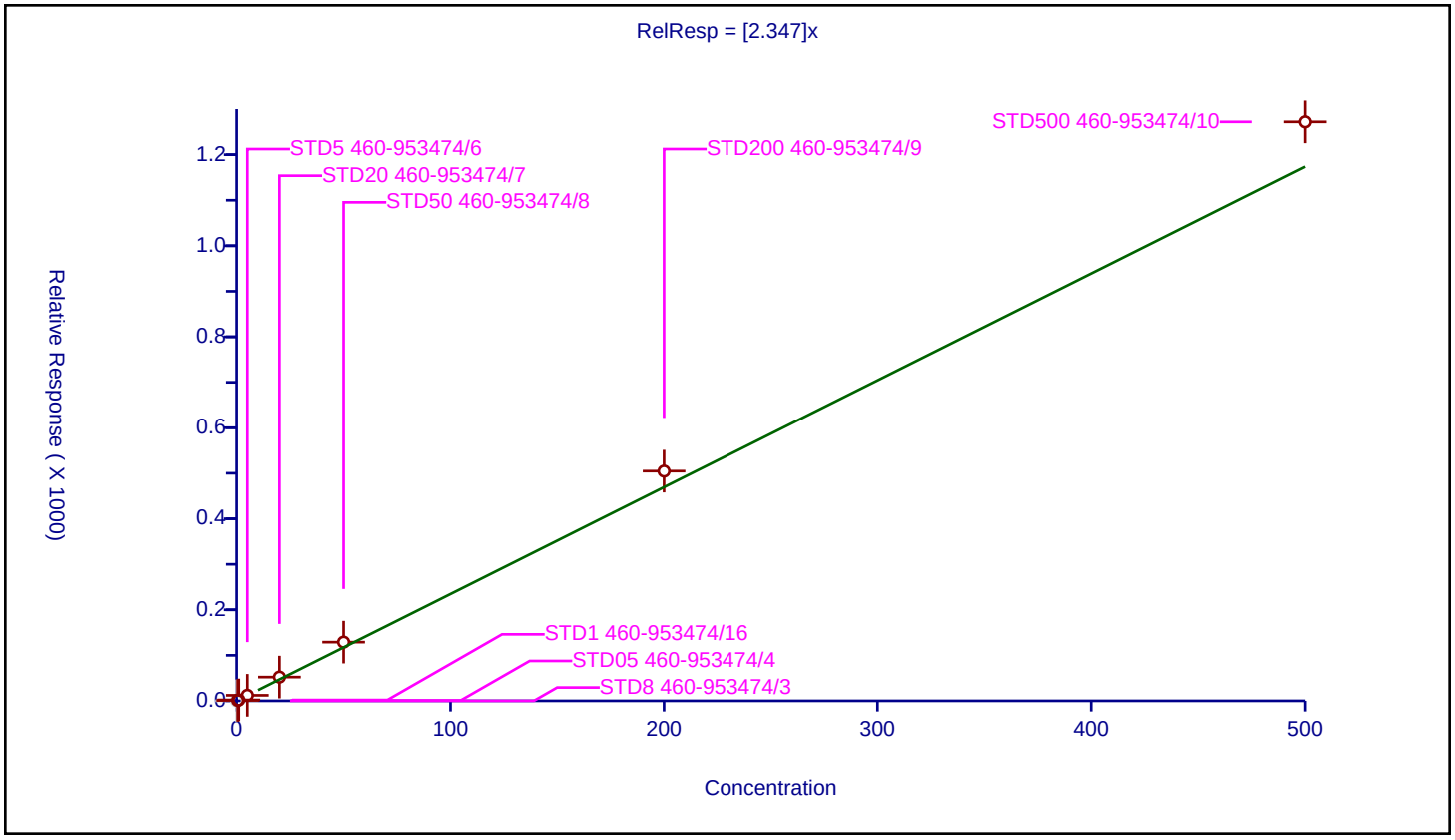
Curve Coefficients

Intercept:	0
Slope:	2.347

Error Coefficients

Standard Error:	3020000
Relative Standard Error:	14.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.897915	50.0	212381.0	1.795829	Y
3	STD1 460-953474/16	1.0	1.953148	50.0	223767.0	1.953148	Y
4	STD5 460-953474/6	5.0	12.128767	50.0	211188.0	2.425753	Y
5	STD20 460-953474/7	20.0	52.196756	50.0	223170.0	2.609838	Y
6	STD50 460-953474/8	50.0	129.00271	50.0	238707.0	2.580054	Y
7	STD200 460-953474/9	200.0	504.722022	50.0	268762.0	2.52361	Y
8	STD500 460-953474/10	500.0	1271.989599	50.0	269773.0	2.543979	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

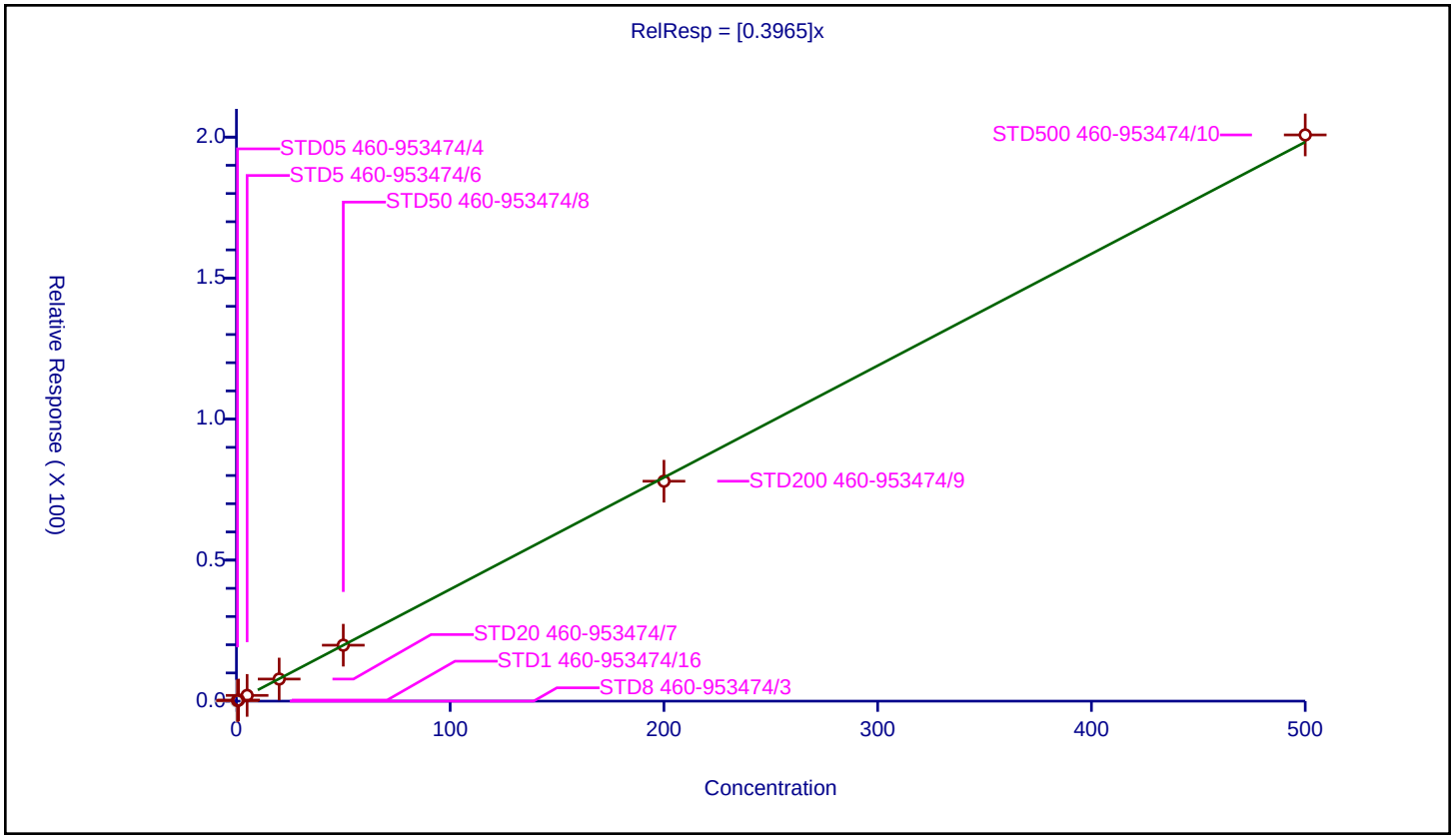
Curve Coefficients

Intercept:	0
Slope:	0.3965

Error Coefficients

Standard Error:	1000000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	0.204988	50.0	456611.0	0.409977	Y
3	STD1 460-953474/16	1.0	0.379393	50.0	483404.0	0.379393	Y
4	STD5 460-953474/6	5.0	2.032254	50.0	452724.0	0.406451	Y
5	STD20 460-953474/7	20.0	7.829559	50.0	477926.0	0.391478	Y
6	STD50 460-953474/8	50.0	19.839051	50.0	501526.0	0.396781	Y
7	STD200 460-953474/9	200.0	77.987532	50.0	560789.0	0.389938	Y
8	STD500 460-953474/10	500.0	200.771416	50.0	568241.0	0.401543	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

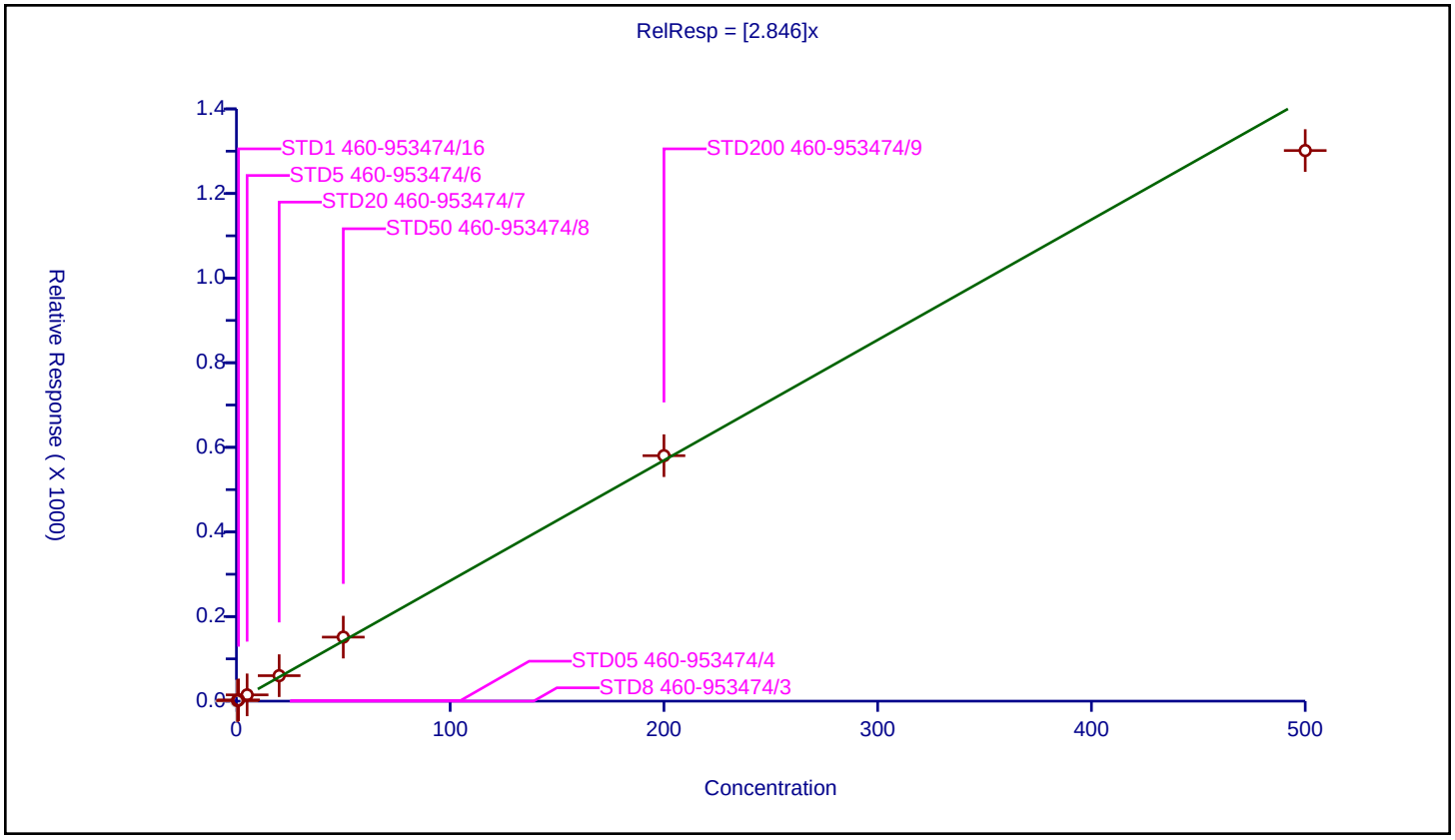
Curve Coefficients

Intercept:	0
Slope:	2.846

Error Coefficients

Standard Error:	6630000
Relative Standard Error:	6.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	470104.0	NaN	N
2	STD05 460-953474/4	0.5	1.277674	50.0	456611.0	2.555348	Y
3	STD1 460-953474/16	1.0	2.857444	50.0	483404.0	2.857444	Y
4	STD5 460-953474/6	5.0	14.827688	50.0	452724.0	2.965538	Y
5	STD20 460-953474/7	20.0	60.240393	50.0	477926.0	3.01202	Y
6	STD50 460-953474/8	50.0	151.337319	50.0	501526.0	3.026746	Y
7	STD200 460-953474/9	200.0	580.252822	50.0	560789.0	2.901264	Y
8	STD500 460-953474/10	500.0	1301.524089	50.0	568241.0	2.603048	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

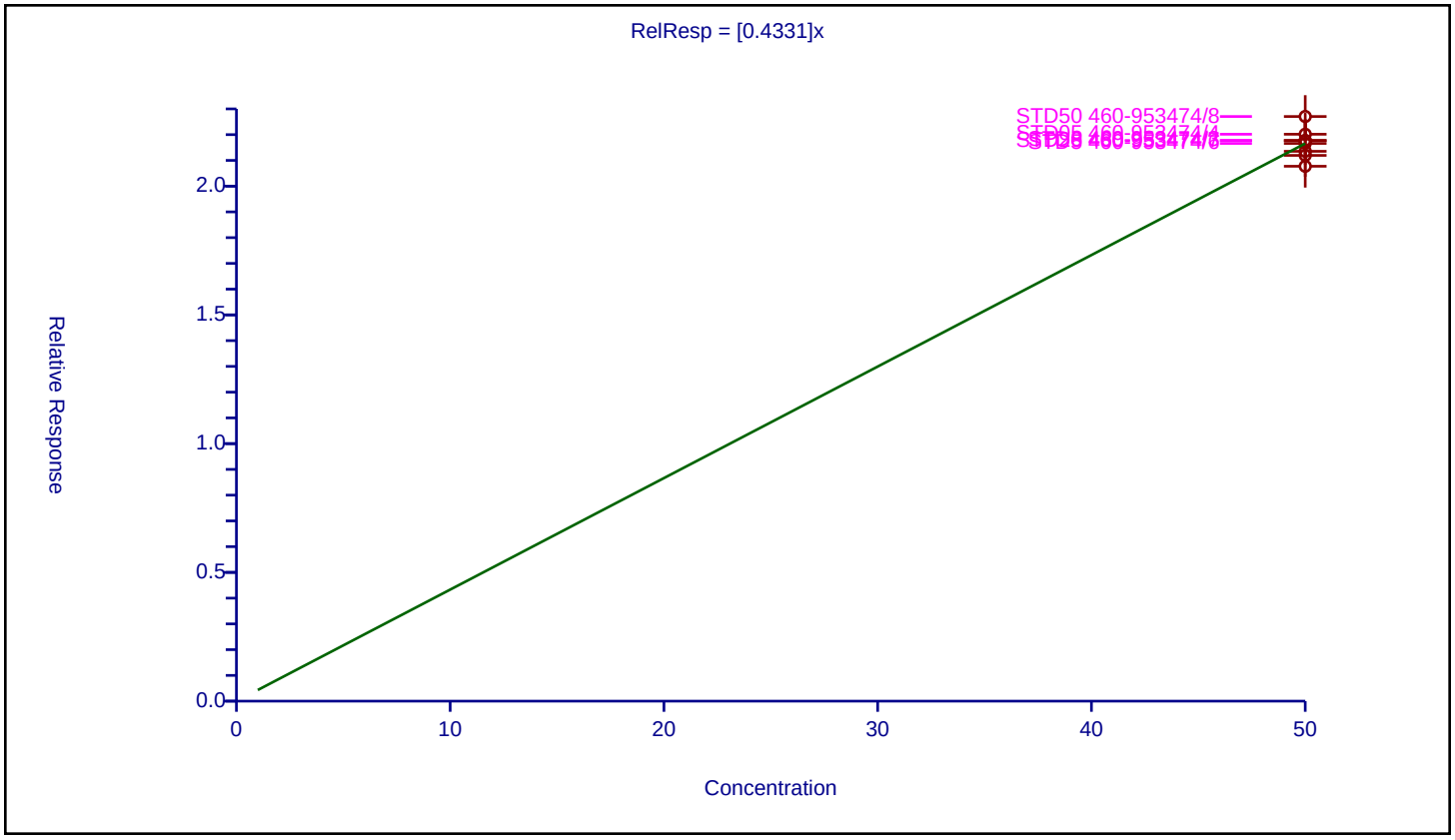
Curve Coefficients

Intercept:	0
Slope:	0.4331

Error Coefficients

Standard Error:	230000
Relative Standard Error:	2.7
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000111

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	50.0	21.773799	50.0	470104.0	0.435476	Y
2	STD05 460-953474/4	50.0	22.015129	50.0	456611.0	0.440303	Y
3	STD5 460-953474/6	50.0	21.658671	50.0	452724.0	0.433173	Y
4	STD20 460-953474/7	50.0	21.767596	50.0	477926.0	0.435352	Y
5	STD50 460-953474/8	50.0	22.704107	50.0	501526.0	0.454082	Y
6	STD200 460-953474/9	50.0	20.772519	50.0	560789.0	0.41545	Y
7	STD500 460-953474/10	50.0	21.351944	50.0	568241.0	0.427039	Y
8	STD1 460-953474/16	50.0	21.194281	50.0	483404.0	0.423886	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

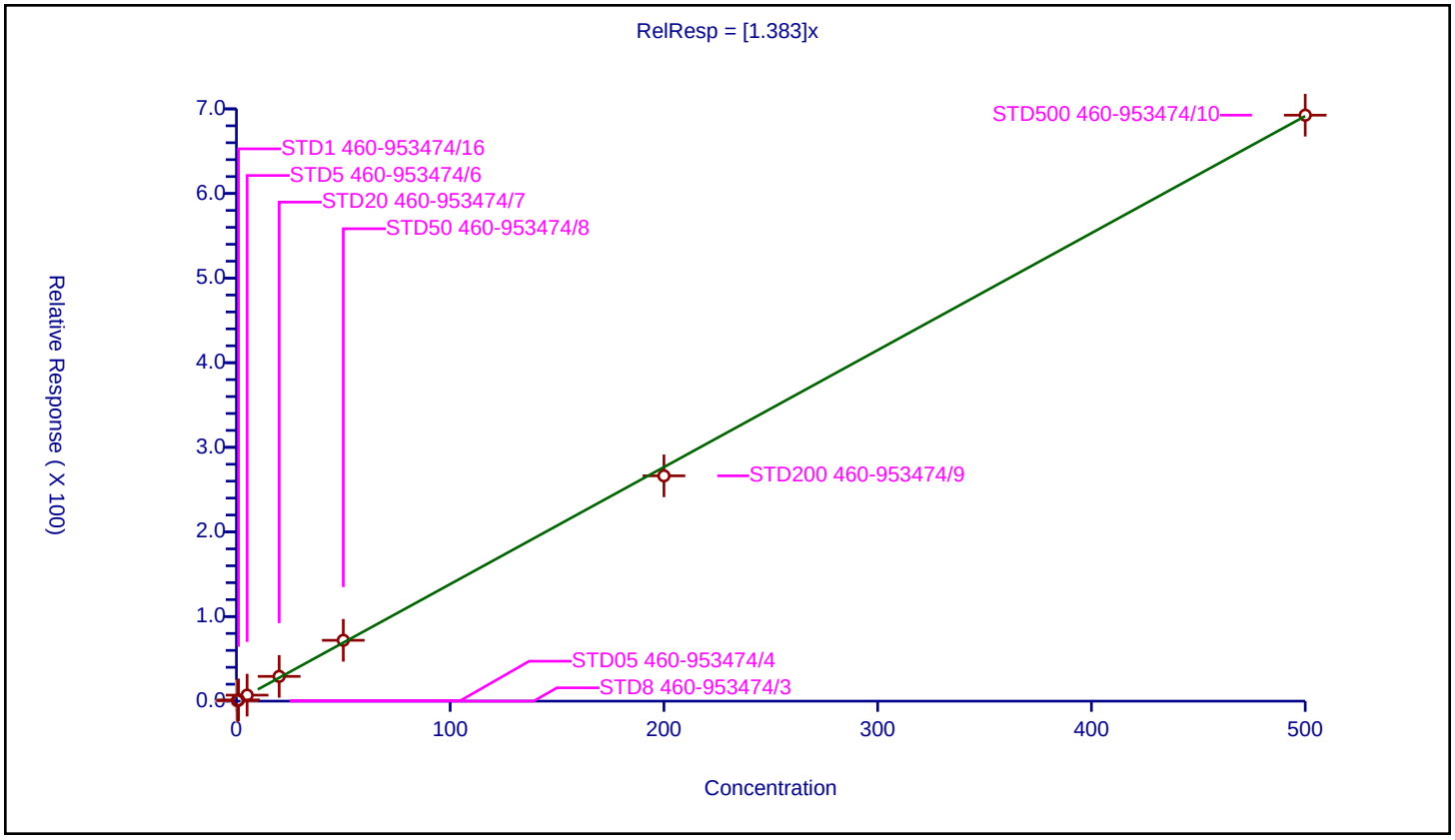
Curve Coefficients

Intercept:	0
Slope:	1.383

Error Coefficients

Standard Error:	1640000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.611637	50.0	212381.0	1.223273	Y
3	STD1 460-953474/16	1.0	1.41844	50.0	223767.0	1.41844	Y
4	STD5 460-953474/6	5.0	7.106464	50.0	211188.0	1.421293	Y
5	STD20 460-953474/7	20.0	29.259309	50.0	223170.0	1.462965	Y
6	STD50 460-953474/8	50.0	71.914104	50.0	238707.0	1.438282	Y
7	STD200 460-953474/9	200.0	266.289319	50.0	268762.0	1.331447	Y
8	STD500 460-953474/10	500.0	692.565787	50.0	269773.0	1.385132	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

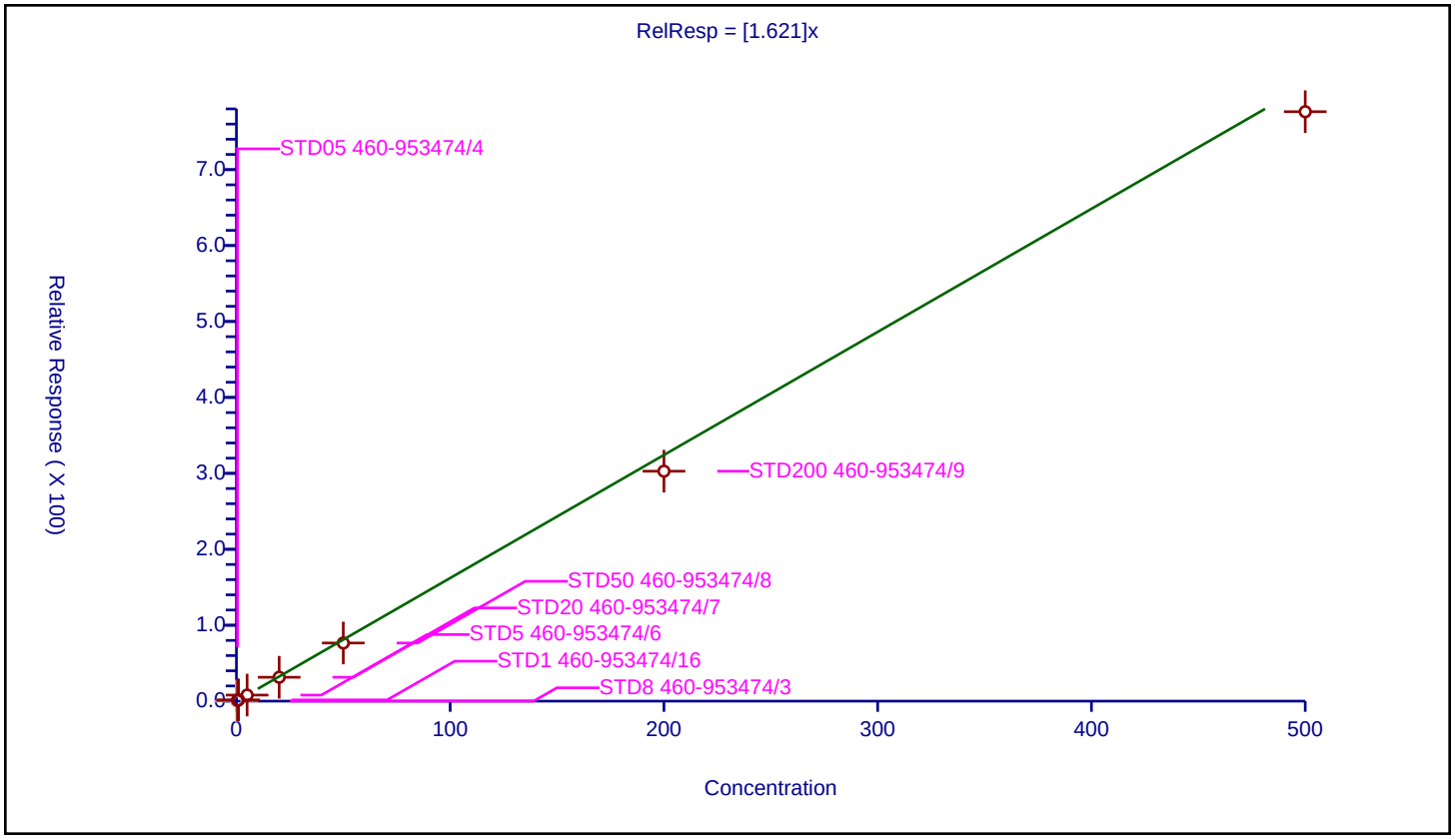
Curve Coefficients

Intercept:	0
Slope:	1.621

Error Coefficients

Standard Error:	1840000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.983374	50.0	212381.0	1.966748	Y
3	STD1 460-953474/16	1.0	1.614179	50.0	223767.0	1.614179	Y
4	STD5 460-953474/6	5.0	7.979147	50.0	211188.0	1.595829	Y
5	STD20 460-953474/7	20.0	31.443742	50.0	223170.0	1.572187	Y
6	STD50 460-953474/8	50.0	76.548027	50.0	238707.0	1.530961	Y
7	STD200 460-953474/9	200.0	302.84378	50.0	268762.0	1.514219	Y
8	STD500 460-953474/10	500.0	776.329729	50.0	269773.0	1.552659	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

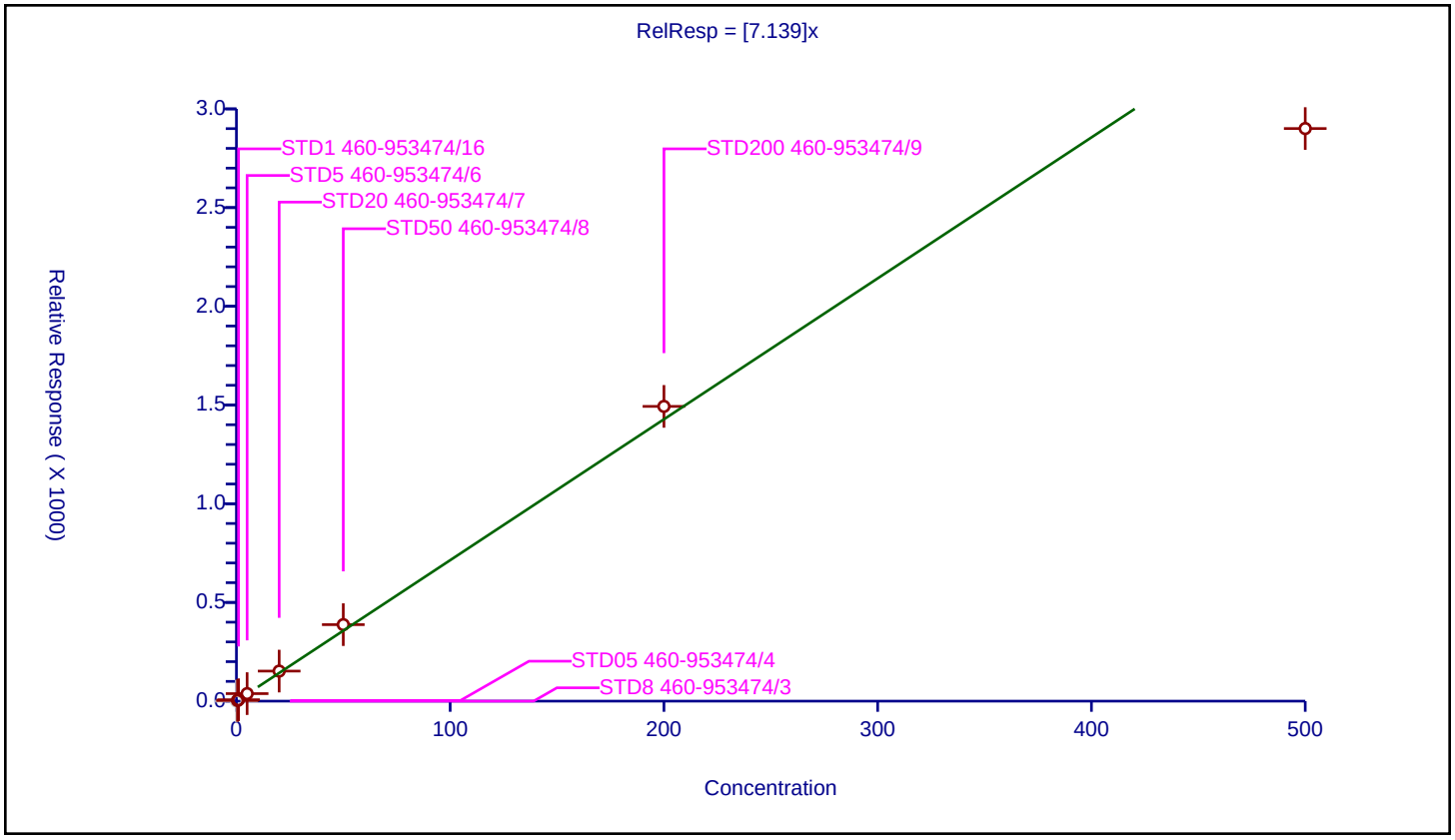
Curve Coefficients

Intercept:	0
Slope:	7.139

Error Coefficients

Standard Error:	7220000
Relative Standard Error:	10.0
Correlation Coefficient:	0.988
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	3.28843	50.0	212381.0	6.57686	Y
3	STD1 460-953474/16	1.0	7.147837	50.0	223767.0	7.147837	Y
4	STD5 460-953474/6	5.0	38.09402	50.0	211188.0	7.618804	Y
5	STD20 460-953474/7	20.0	152.196308	50.0	223170.0	7.609815	Y
6	STD50 460-953474/8	50.0	387.555664	50.0	238707.0	7.751113	Y
7	STD200 460-953474/9	200.0	1493.014637	50.0	268762.0	7.465073	Y
8	STD500 460-953474/10	500.0	2900.451491	50.0	269773.0	5.800903	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

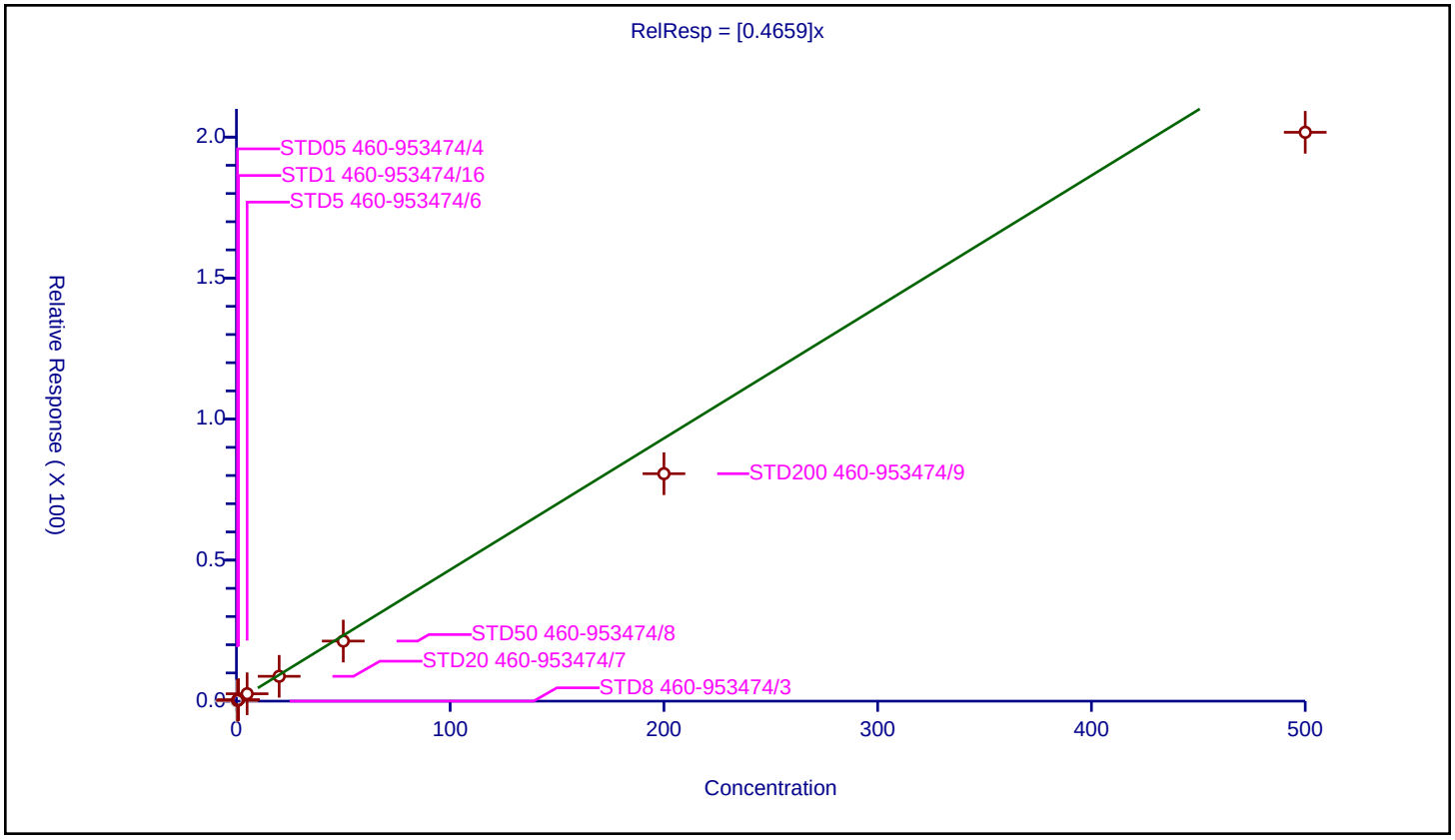
Curve Coefficients

Intercept:	0
Slope:	0.4659

Error Coefficients

Standard Error:	480000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.27074	50.0	212381.0	0.54148	Y
3	STD1 460-953474/16	1.0	0.523089	50.0	223767.0	0.523089	Y
4	STD5 460-953474/6	5.0	2.620414	50.0	211188.0	0.524083	Y
5	STD20 460-953474/7	20.0	8.804723	50.0	223170.0	0.440236	Y
6	STD50 460-953474/8	50.0	21.303732	50.0	238707.0	0.426075	Y
7	STD200 460-953474/9	200.0	80.643469	50.0	268762.0	0.403217	Y
8	STD500 460-953474/10	500.0	201.701616	50.0	269773.0	0.403403	Y



Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

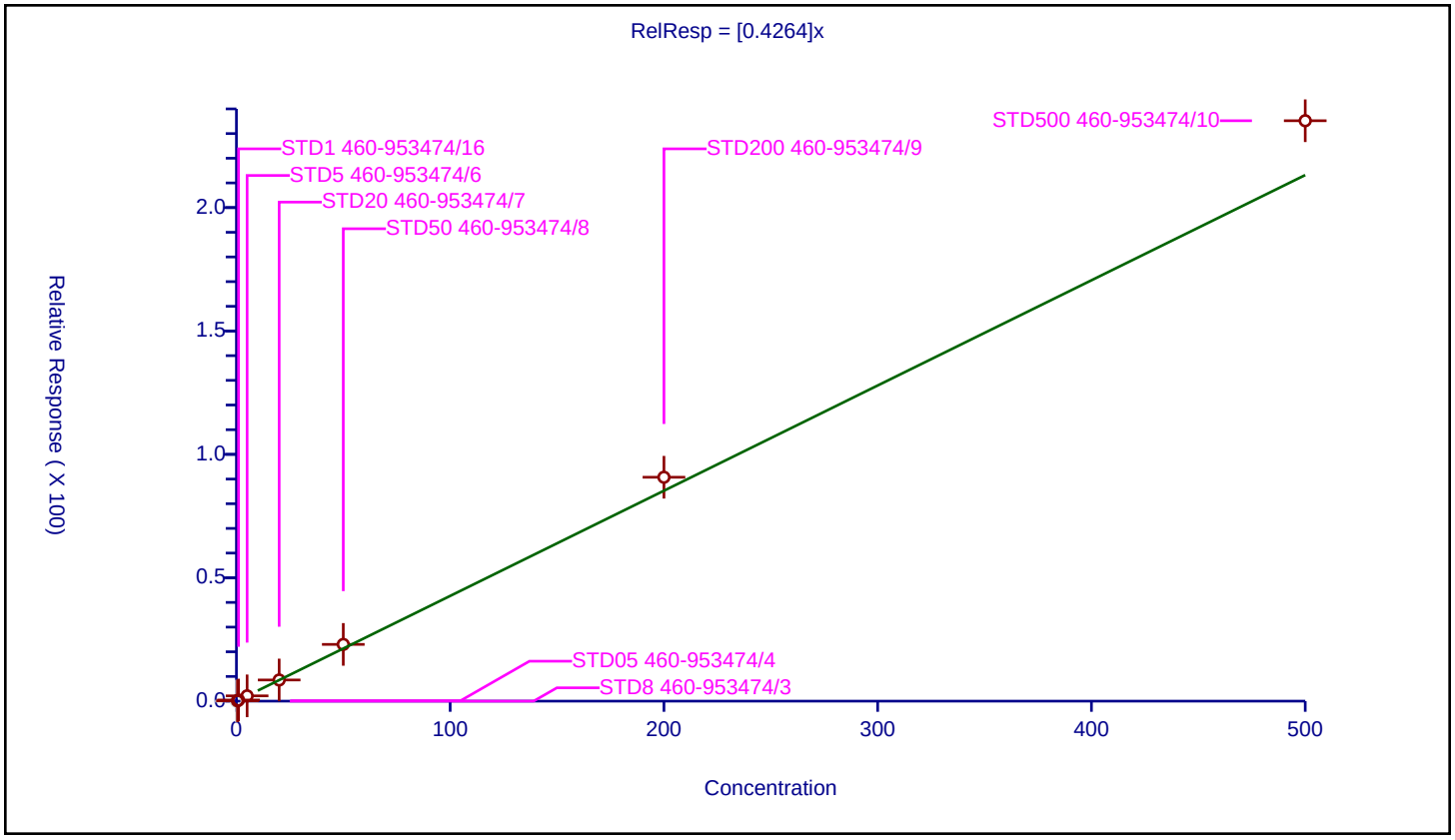
Curve Coefficients

Intercept:	0
Slope:	0.4264

Error Coefficients

Standard Error:	557000
Relative Standard Error:	14.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.147612	50.0	212381.0	0.295224	Y
3	STD1 460-953474/16	1.0	0.448234	50.0	223767.0	0.448234	Y
4	STD5 460-953474/6	5.0	2.14193	50.0	211188.0	0.428386	Y
5	STD20 460-953474/7	20.0	8.574181	50.0	223170.0	0.428709	Y
6	STD50 460-953474/8	50.0	22.998697	50.0	238707.0	0.459974	Y
7	STD200 460-953474/9	200.0	90.726926	50.0	268762.0	0.453635	Y
8	STD500 460-953474/10	500.0	235.194034	50.0	269773.0	0.470388	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

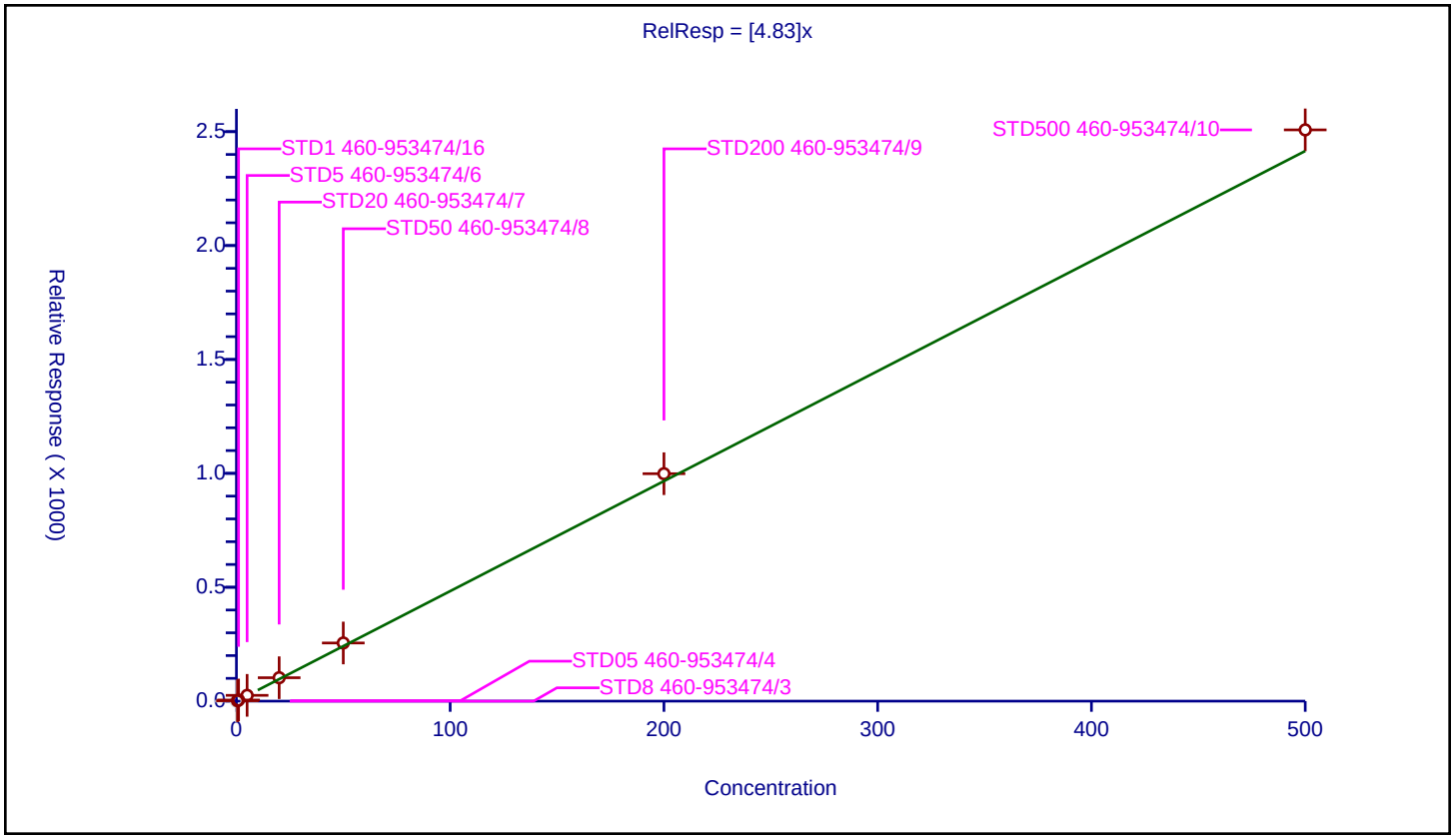
Curve Coefficients

Intercept:	0
Slope:	4.83

Error Coefficients

Standard Error:	5970000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.814192	50.0	212381.0	3.628385	Y
3	STD1 460-953474/16	1.0	4.851698	50.0	223767.0	4.851698	Y
4	STD5 460-953474/6	5.0	25.376205	50.0	211188.0	5.075241	Y
5	STD20 460-953474/7	20.0	102.80414	50.0	223170.0	5.140207	Y
6	STD50 460-953474/8	50.0	255.305668	50.0	238707.0	5.106113	Y
7	STD200 460-953474/9	200.0	998.500346	50.0	268762.0	4.992502	Y
8	STD500 460-953474/10	500.0	2507.832511	50.0	269773.0	5.015665	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

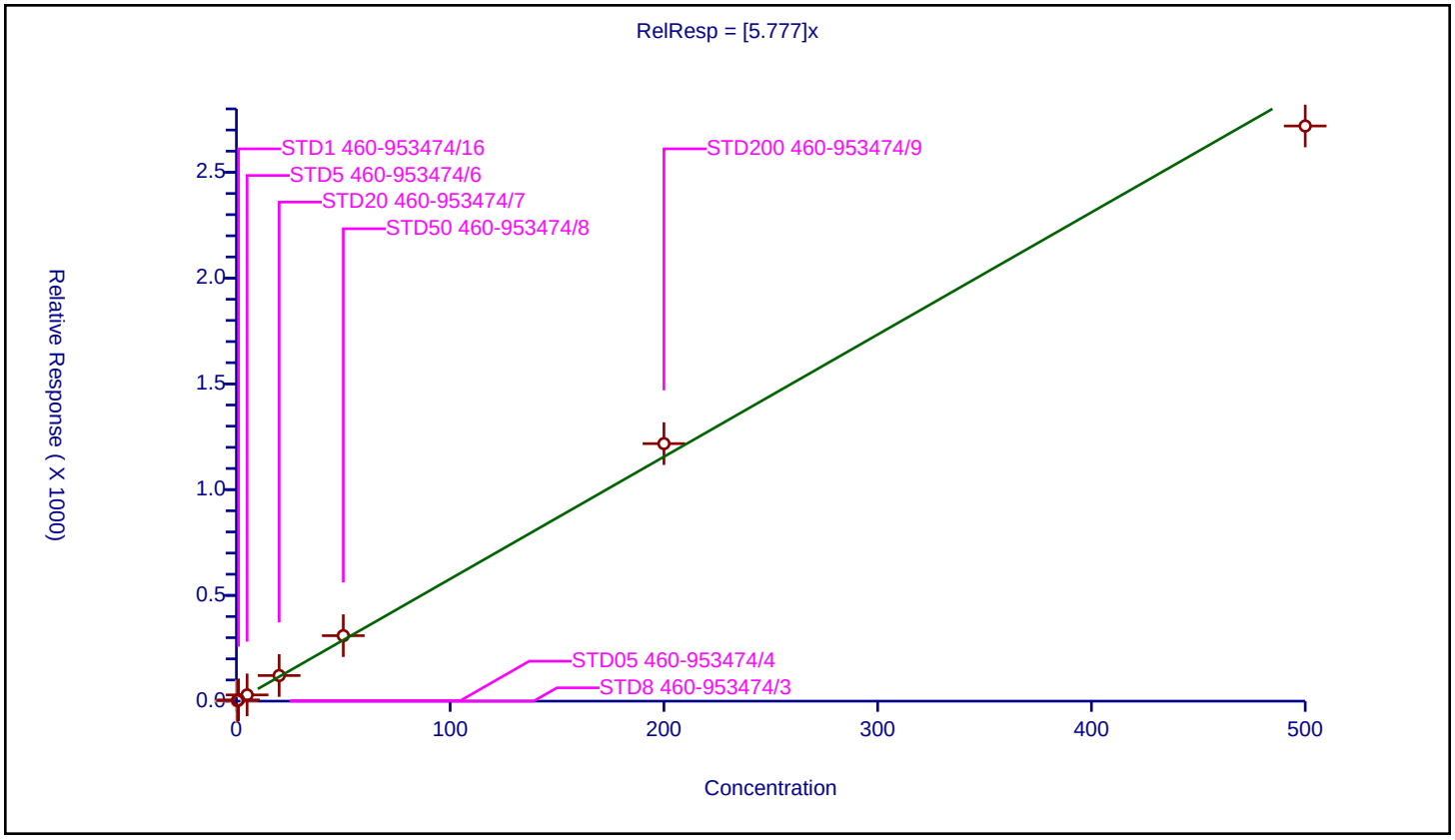
Curve Coefficients

Intercept:	0
Slope:	5.777

Error Coefficients

Standard Error:	6590000
Relative Standard Error:	8.2
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.42889	50.0	212381.0	4.857779	Y
3	STD1 460-953474/16	1.0	5.898993	50.0	223767.0	5.898993	Y
4	STD5 460-953474/6	5.0	29.550921	50.0	211188.0	5.910184	Y
5	STD20 460-953474/7	20.0	121.12067	50.0	223170.0	6.056034	Y
6	STD50 460-953474/8	50.0	309.608432	50.0	238707.0	6.192169	Y
7	STD200 460-953474/9	200.0	1217.481266	50.0	268762.0	6.087406	Y
8	STD500 460-953474/10	500.0	2719.176864	50.0	269773.0	5.438354	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

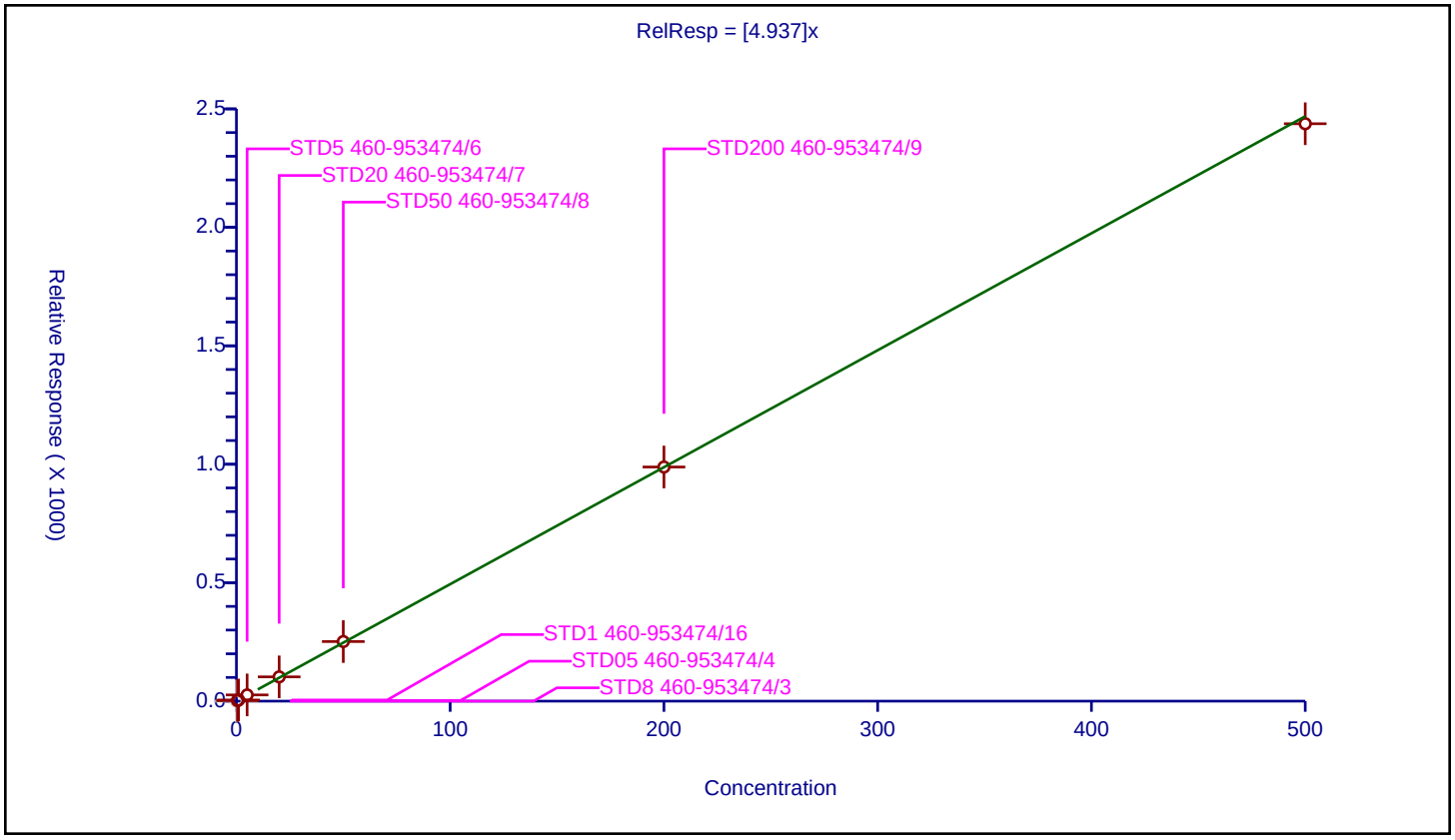
Curve Coefficients

Intercept:	0
Slope:	4.937

Error Coefficients

Standard Error:	5810000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.264327	50.0	212381.0	4.528654	Y
3	STD1 460-953474/16	1.0	4.802987	50.0	223767.0	4.802987	Y
4	STD5 460-953474/6	5.0	26.278955	50.0	211188.0	5.255791	Y
5	STD20 460-953474/7	20.0	102.521844	50.0	223170.0	5.126092	Y
6	STD50 460-953474/8	50.0	251.533679	50.0	238707.0	5.030674	Y
7	STD200 460-953474/9	200.0	988.24499	50.0	268762.0	4.941225	Y
8	STD500 460-953474/10	500.0	2437.329347	50.0	269773.0	4.874659	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

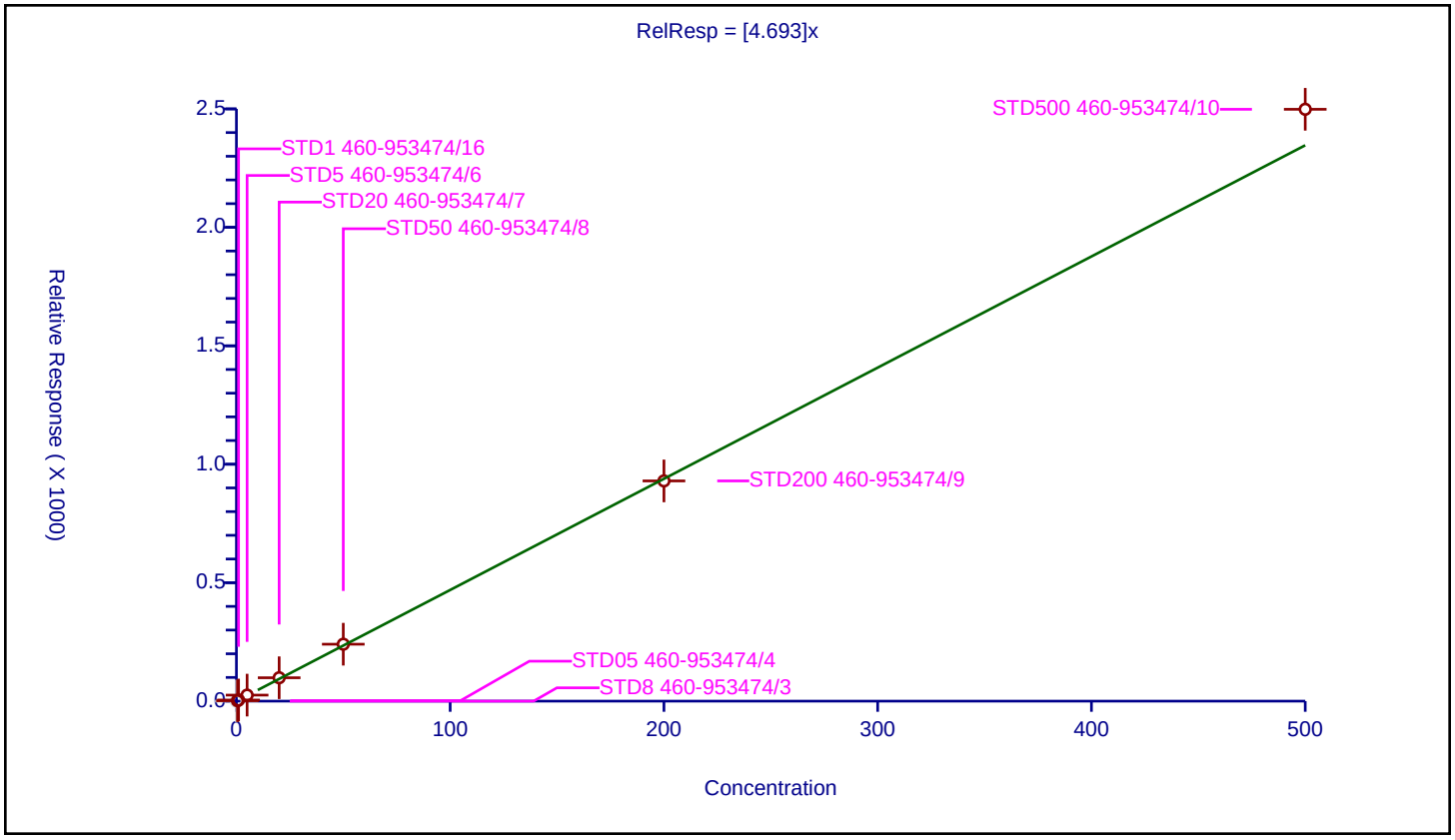
Curve Coefficients

Intercept:	0
Slope:	4.693

Error Coefficients

Standard Error:	5890000
Relative Standard Error:	10.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.820549	50.0	212381.0	3.641098	Y
3	STD1 460-953474/16	1.0	4.718971	50.0	223767.0	4.718971	Y
4	STD5 460-953474/6	5.0	25.507368	50.0	211188.0	5.101474	Y
5	STD20 460-953474/7	20.0	98.741766	50.0	223170.0	4.937088	Y
6	STD50 460-953474/8	50.0	240.265891	50.0	238707.0	4.805318	Y
7	STD200 460-953474/9	200.0	929.65542	50.0	268762.0	4.648277	Y
8	STD500 460-953474/10	500.0	2498.313582	50.0	269773.0	4.996627	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

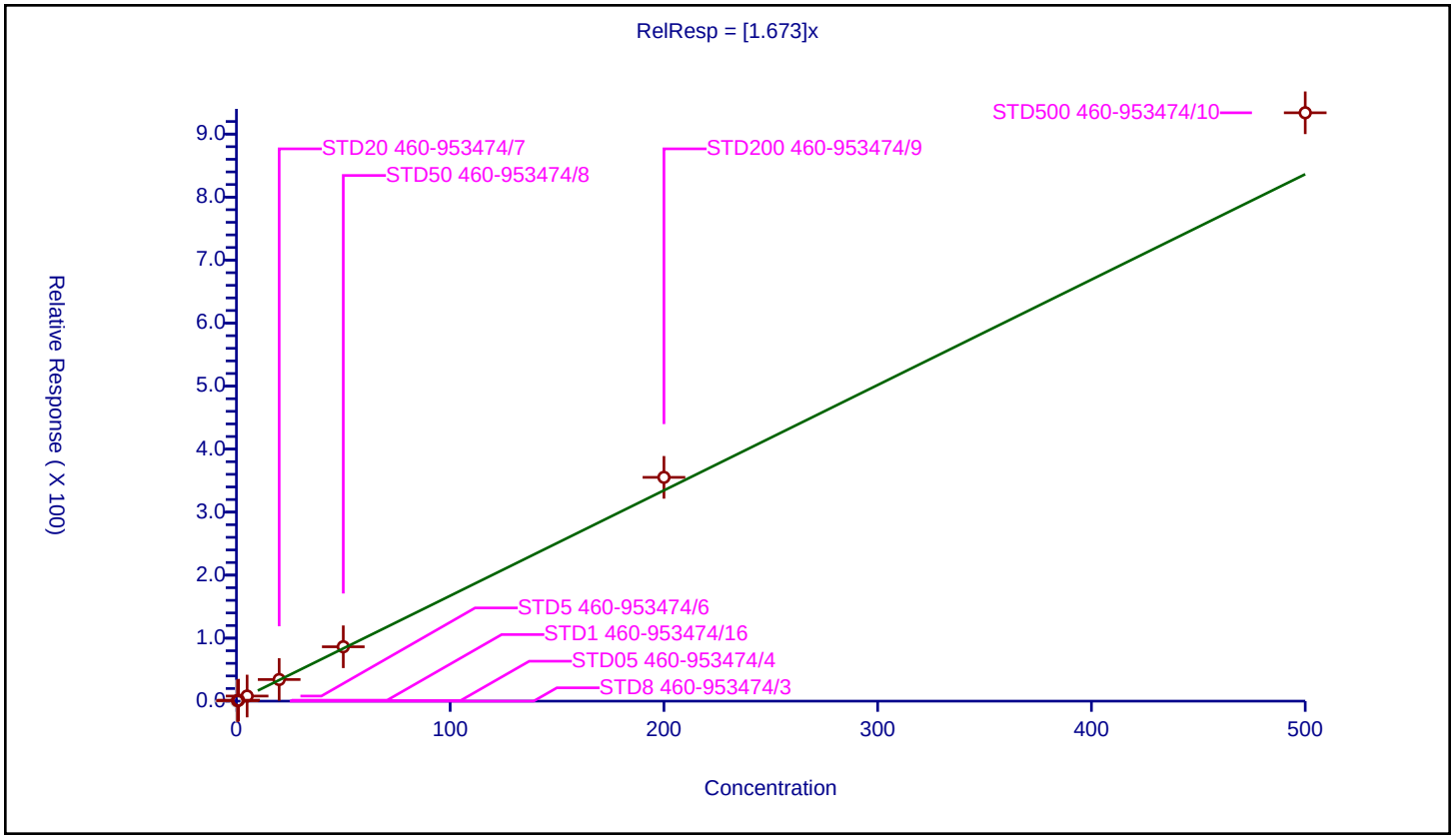
Curve Coefficients

Intercept:	0
Slope:	1.673

Error Coefficients

Standard Error:	2210000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.760661	50.0	212381.0	1.521323	Y
3	STD1 460-953474/16	1.0	1.482345	50.0	223767.0	1.482345	Y
4	STD5 460-953474/6	5.0	8.101076	50.0	211188.0	1.620215	Y
5	STD20 460-953474/7	20.0	34.28597	50.0	223170.0	1.714299	Y
6	STD50 460-953474/8	50.0	86.318164	50.0	238707.0	1.726363	Y
7	STD200 460-953474/9	200.0	355.192698	50.0	268762.0	1.775963	Y
8	STD500 460-953474/10	500.0	933.816023	50.0	269773.0	1.867632	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

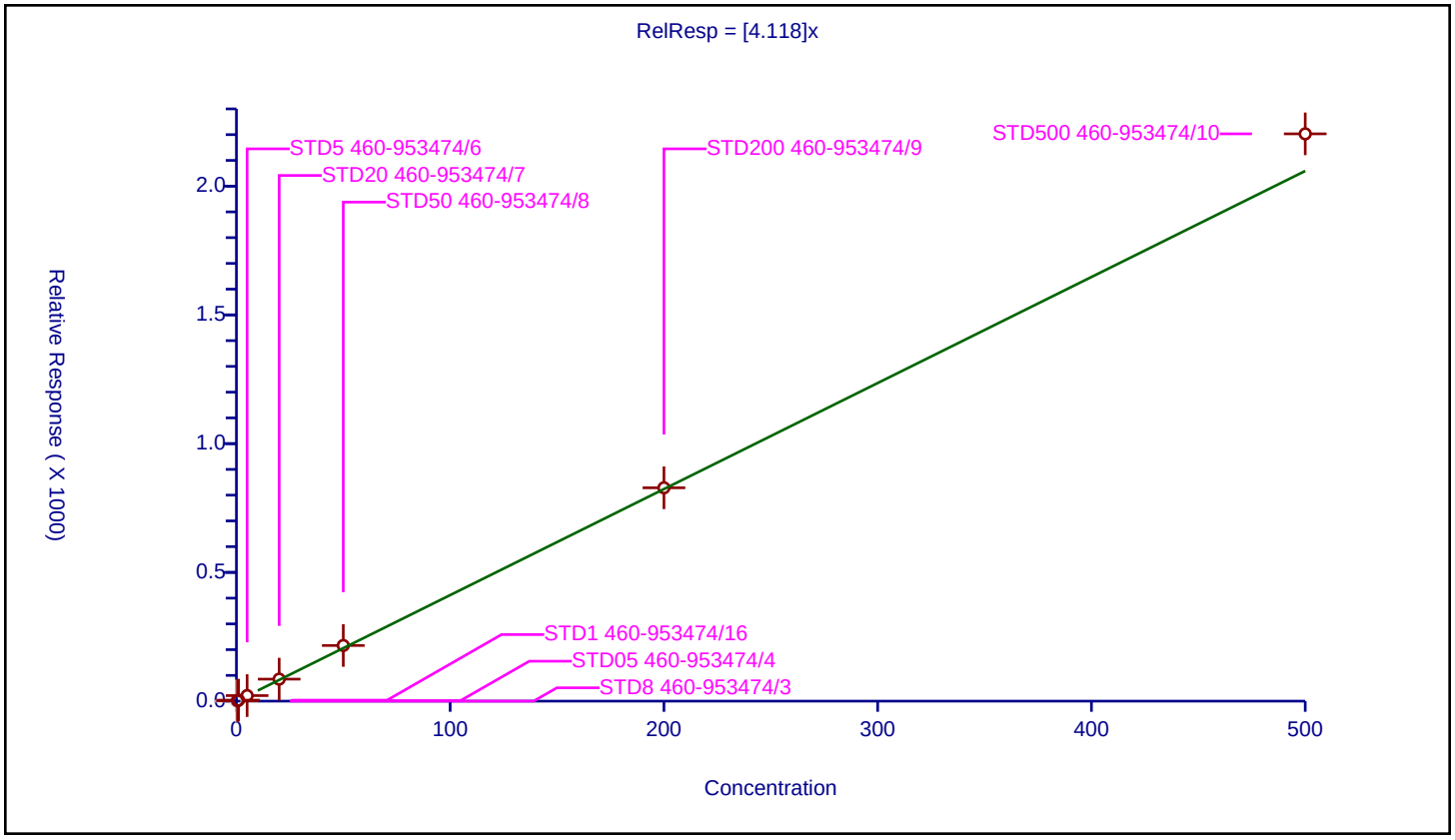
Curve Coefficients

Intercept:	0
Slope:	4.118

Error Coefficients

Standard Error:	5200000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.739562	50.0	212381.0	3.479125	Y
3	STD1 460-953474/16	1.0	3.88194	50.0	223767.0	3.88194	Y
4	STD5 460-953474/6	5.0	21.600896	50.0	211188.0	4.320179	Y
5	STD20 460-953474/7	20.0	85.457499	50.0	223170.0	4.272875	Y
6	STD50 460-953474/8	50.0	216.104052	50.0	238707.0	4.322081	Y
7	STD200 460-953474/9	200.0	828.520029	50.0	268762.0	4.1426	Y
8	STD500 460-953474/10	500.0	2203.035515	50.0	269773.0	4.406071	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

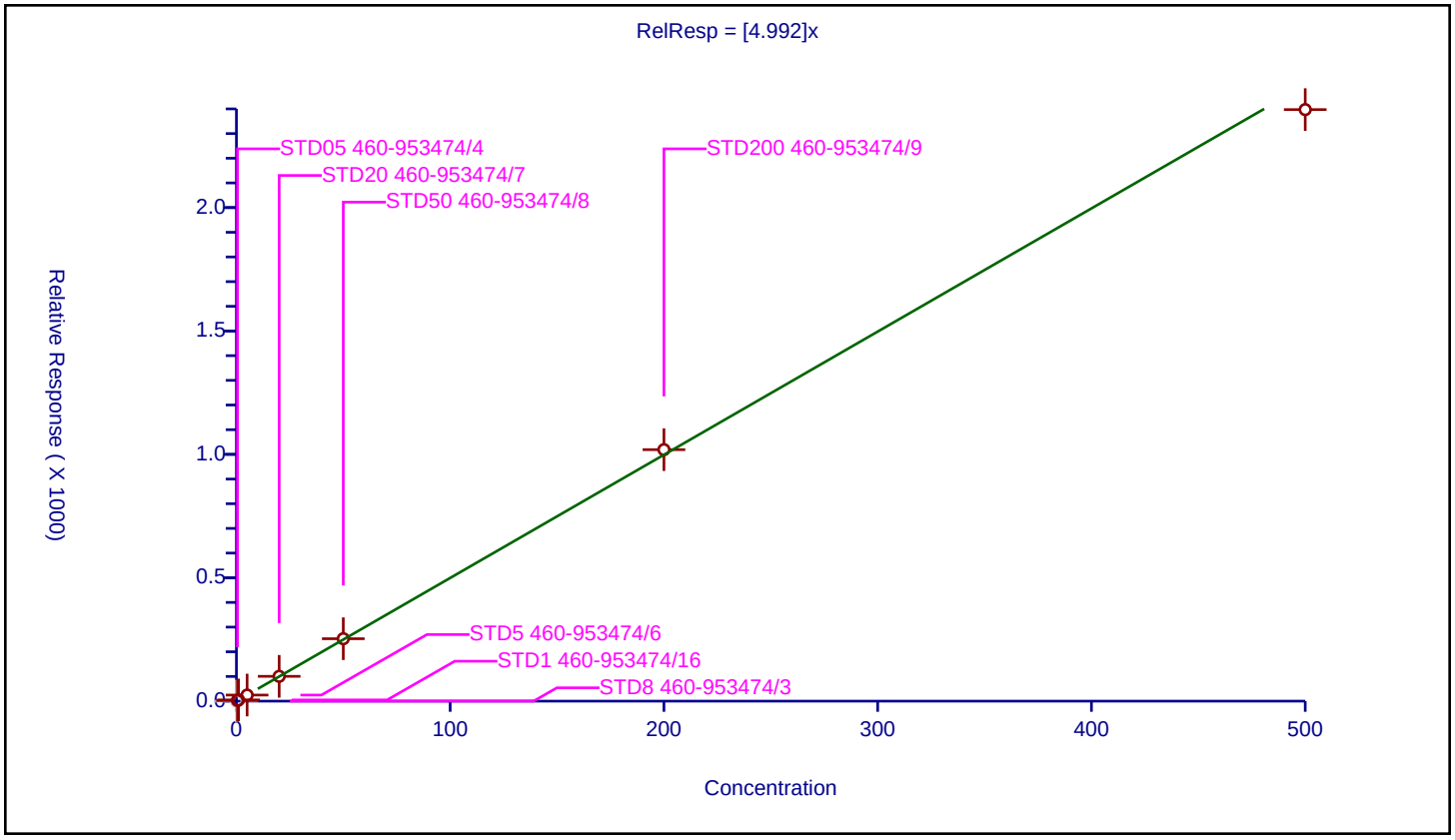
Curve Coefficients

Intercept:	0
Slope:	4.992

Error Coefficients

Standard Error:	5760000
Relative Standard Error:	2.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.581916	50.0	212381.0	5.163833	Y
3	STD1 460-953474/16	1.0	4.876724	50.0	223767.0	4.876724	Y
4	STD5 460-953474/6	5.0	24.644629	50.0	211188.0	4.928926	Y
5	STD20 460-953474/7	20.0	100.507237	50.0	223170.0	5.025362	Y
6	STD50 460-953474/8	50.0	252.891201	50.0	238707.0	5.057824	Y
7	STD200 460-953474/9	200.0	1019.142215	50.0	268762.0	5.095711	Y
8	STD500 460-953474/10	500.0	2397.039919	50.0	269773.0	4.79408	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

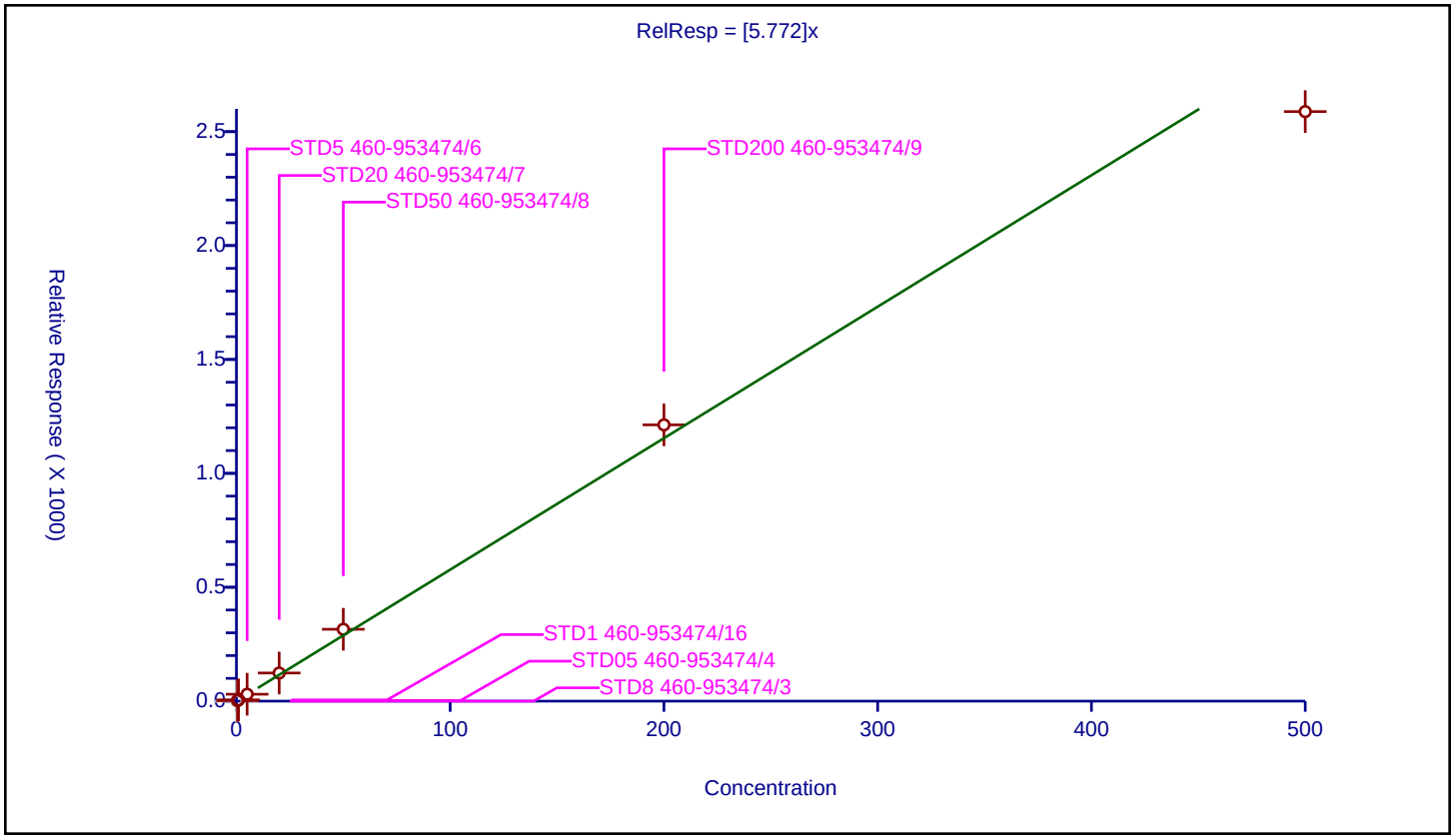
Curve Coefficients

Intercept:	0
Slope:	5.772

Error Coefficients

Standard Error:	6320000
Relative Standard Error:	8.9
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.505638	50.0	212381.0	5.011277	Y
3	STD1 460-953474/16	1.0	5.599575	50.0	223767.0	5.599575	Y
4	STD5 460-953474/6	5.0	30.336714	50.0	211188.0	6.067343	Y
5	STD20 460-953474/7	20.0	123.47941	50.0	223170.0	6.173971	Y
6	STD50 460-953474/8	50.0	315.537668	50.0	238707.0	6.310753	Y
7	STD200 460-953474/9	200.0	1212.878309	50.0	268762.0	6.064392	Y
8	STD500 460-953474/10	500.0	2588.028083	50.0	269773.0	5.176056	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

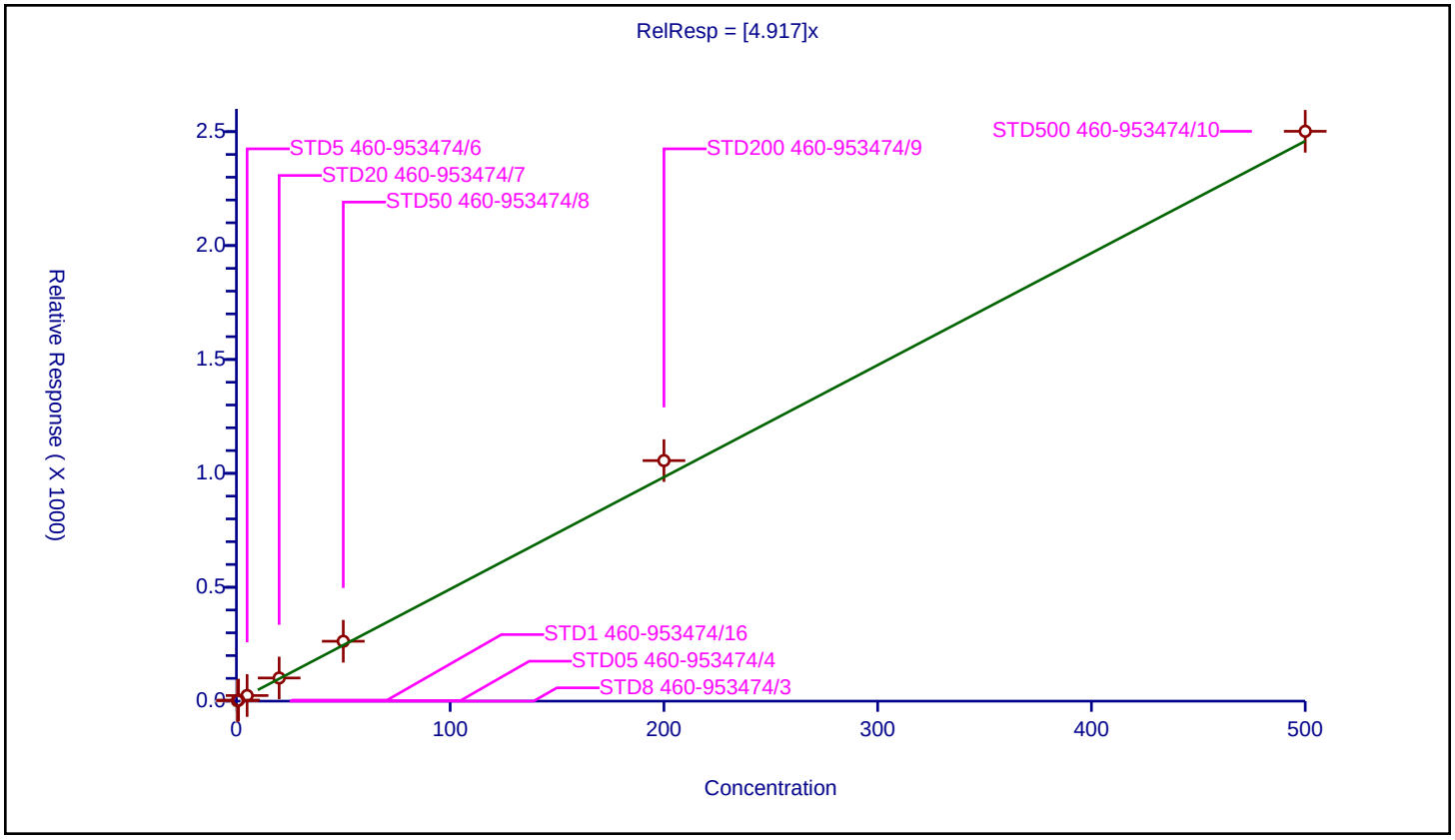
Curve Coefficients

Intercept:	0
Slope:	4.917

Error Coefficients

Standard Error:	6000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.152264	50.0	212381.0	4.304528	Y
3	STD1 460-953474/16	1.0	4.566134	50.0	223767.0	4.566134	Y
4	STD5 460-953474/6	5.0	24.638711	50.0	211188.0	4.927742	Y
5	STD20 460-953474/7	20.0	101.615136	50.0	223170.0	5.080757	Y
6	STD50 460-953474/8	50.0	262.900753	50.0	238707.0	5.258015	Y
7	STD200 460-953474/9	200.0	1056.033591	50.0	268762.0	5.280168	Y
8	STD500 460-953474/10	500.0	2501.633225	50.0	269773.0	5.003266	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

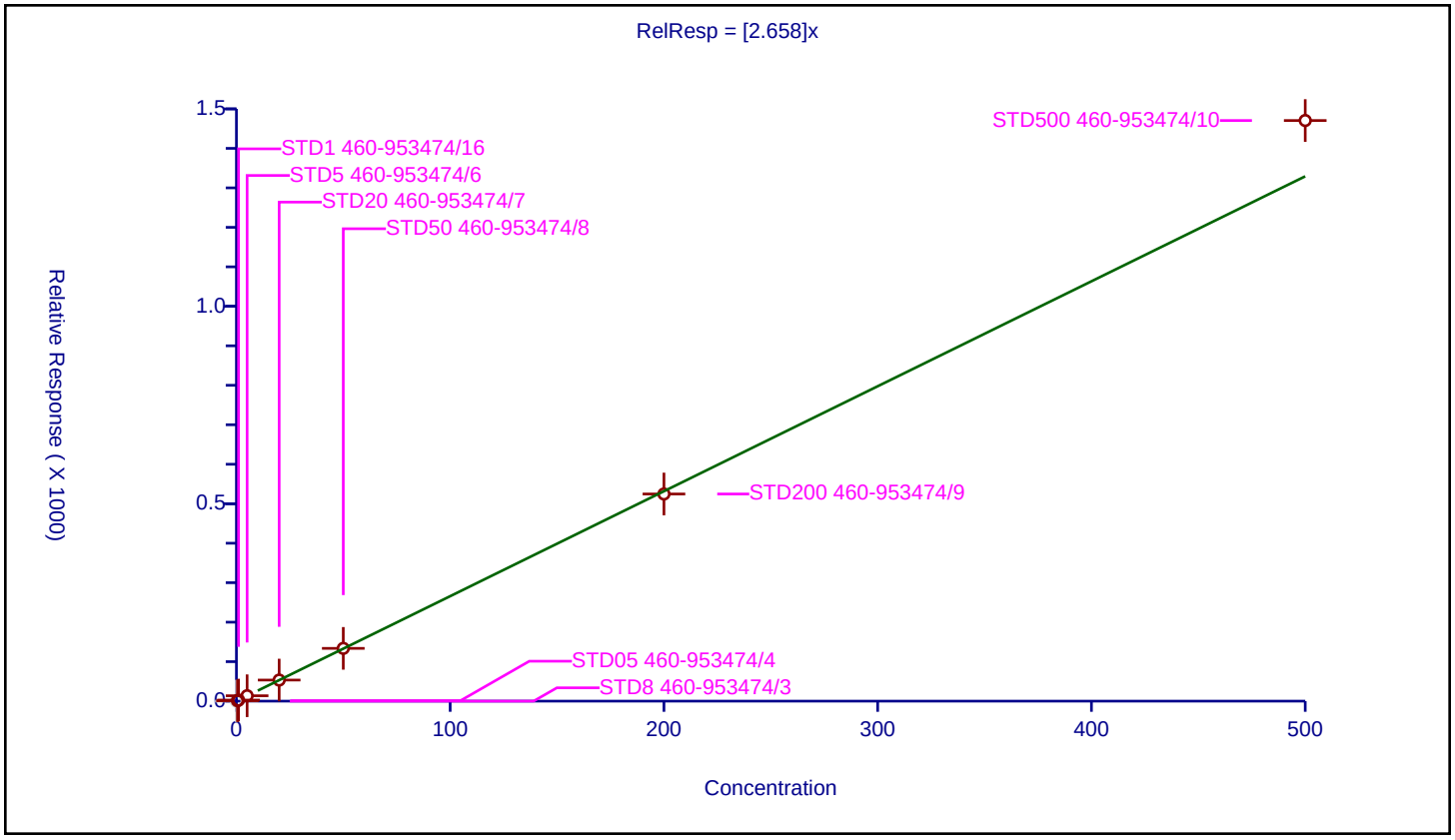
Curve Coefficients

Intercept:	0
Slope:	2.658

Error Coefficients

Standard Error:	3450000
Relative Standard Error:	7.4
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.140168	50.0	212381.0	2.280336	Y
3	STD1 460-953474/16	1.0	2.687394	50.0	223767.0	2.687394	Y
4	STD5 460-953474/6	5.0	13.669574	50.0	211188.0	2.733915	Y
5	STD20 460-953474/7	20.0	53.383071	50.0	223170.0	2.669154	Y
6	STD50 460-953474/8	50.0	133.668263	50.0	238707.0	2.673365	Y
7	STD200 460-953474/9	200.0	524.64876	50.0	268762.0	2.623244	Y
8	STD500 460-953474/10	500.0	1470.541344	50.0	269773.0	2.941083	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

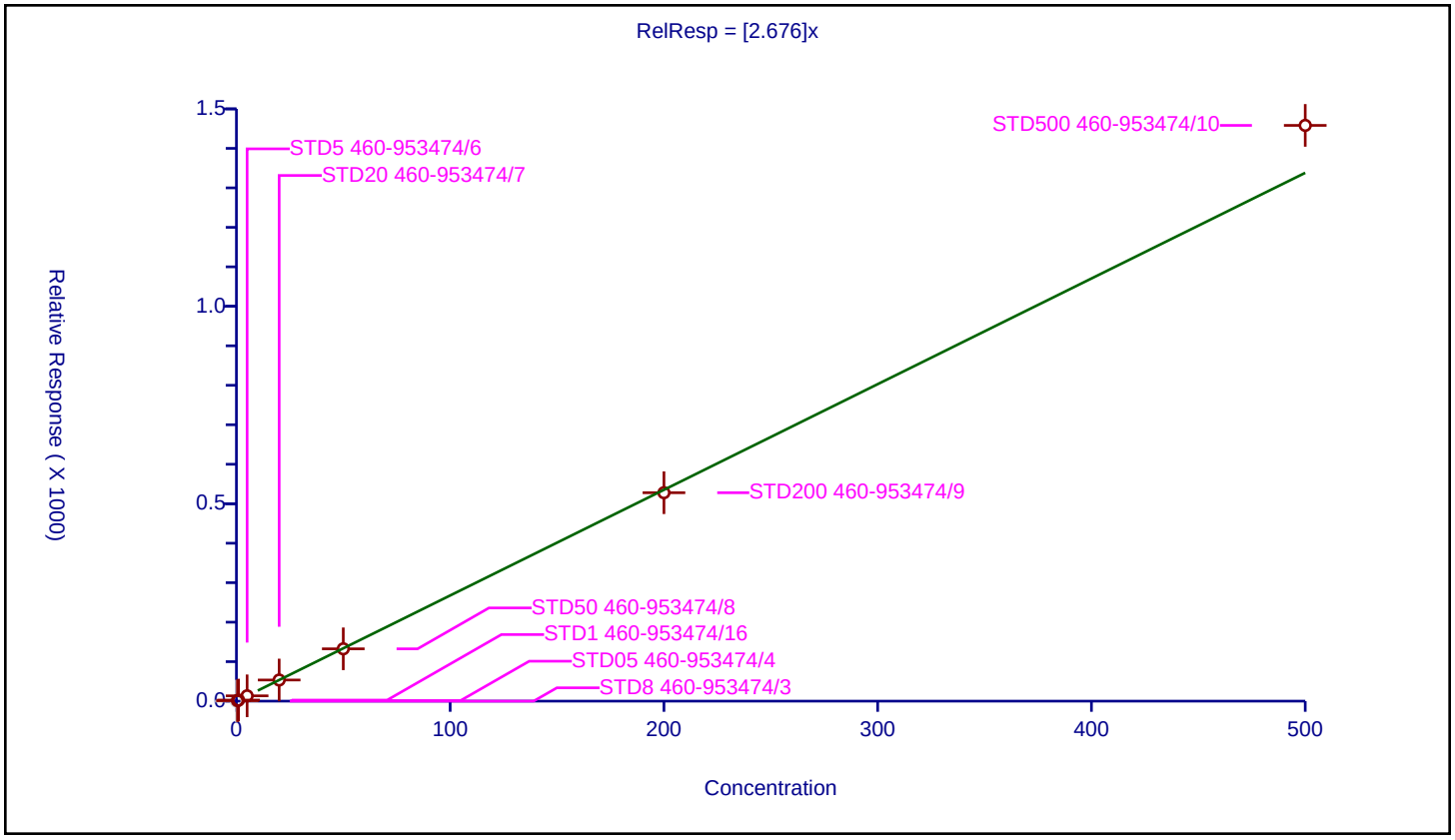
Curve Coefficients

Intercept:	0
Slope:	2.676

Error Coefficients

Standard Error:	3430000
Relative Standard Error:	4.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.244462	50.0	212381.0	2.488923	Y
3	STD1 460-953474/16	1.0	2.672199	50.0	223767.0	2.672199	Y
4	STD5 460-953474/6	5.0	13.443235	50.0	211188.0	2.688647	Y
5	STD20 460-953474/7	20.0	53.529596	50.0	223170.0	2.67648	Y
6	STD50 460-953474/8	50.0	132.526905	50.0	238707.0	2.650538	Y
7	STD200 460-953474/9	200.0	527.867221	50.0	268762.0	2.639336	Y
8	STD500 460-953474/10	500.0	1458.16631	50.0	269773.0	2.916333	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

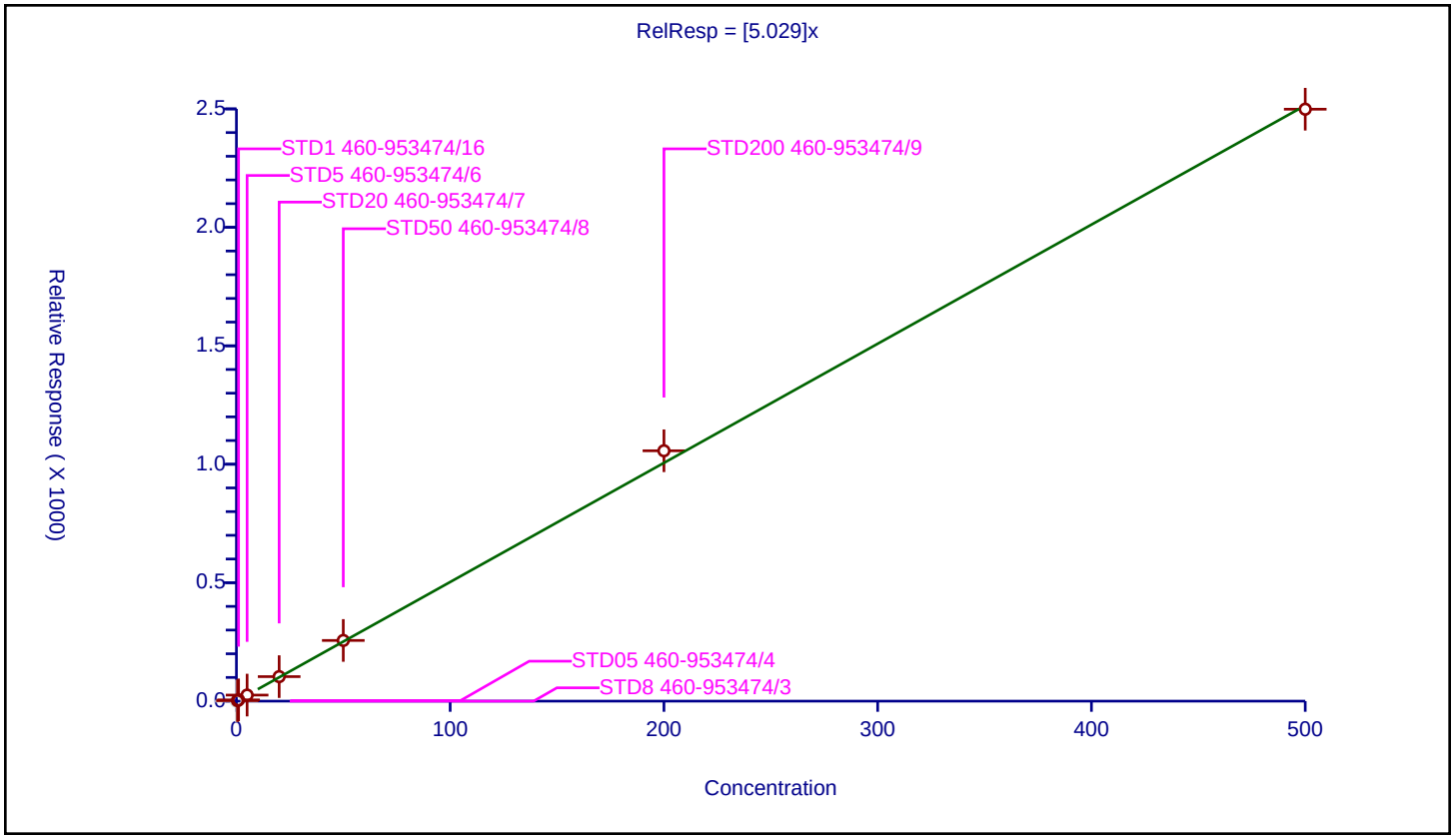
Curve Coefficients

Intercept:	0
Slope:	5.029

Error Coefficients

Standard Error:	6000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.143553	50.0	212381.0	4.287107	Y
3	STD1 460-953474/16	1.0	5.208096	50.0	223767.0	5.208096	Y
4	STD5 460-953474/6	5.0	25.629534	50.0	211188.0	5.125907	Y
5	STD20 460-953474/7	20.0	103.500246	50.0	223170.0	5.175012	Y
6	STD50 460-953474/8	50.0	256.126548	50.0	238707.0	5.122531	Y
7	STD200 460-953474/9	200.0	1056.873926	50.0	268762.0	5.28437	Y
8	STD500 460-953474/10	500.0	2498.651459	50.0	269773.0	4.997303	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

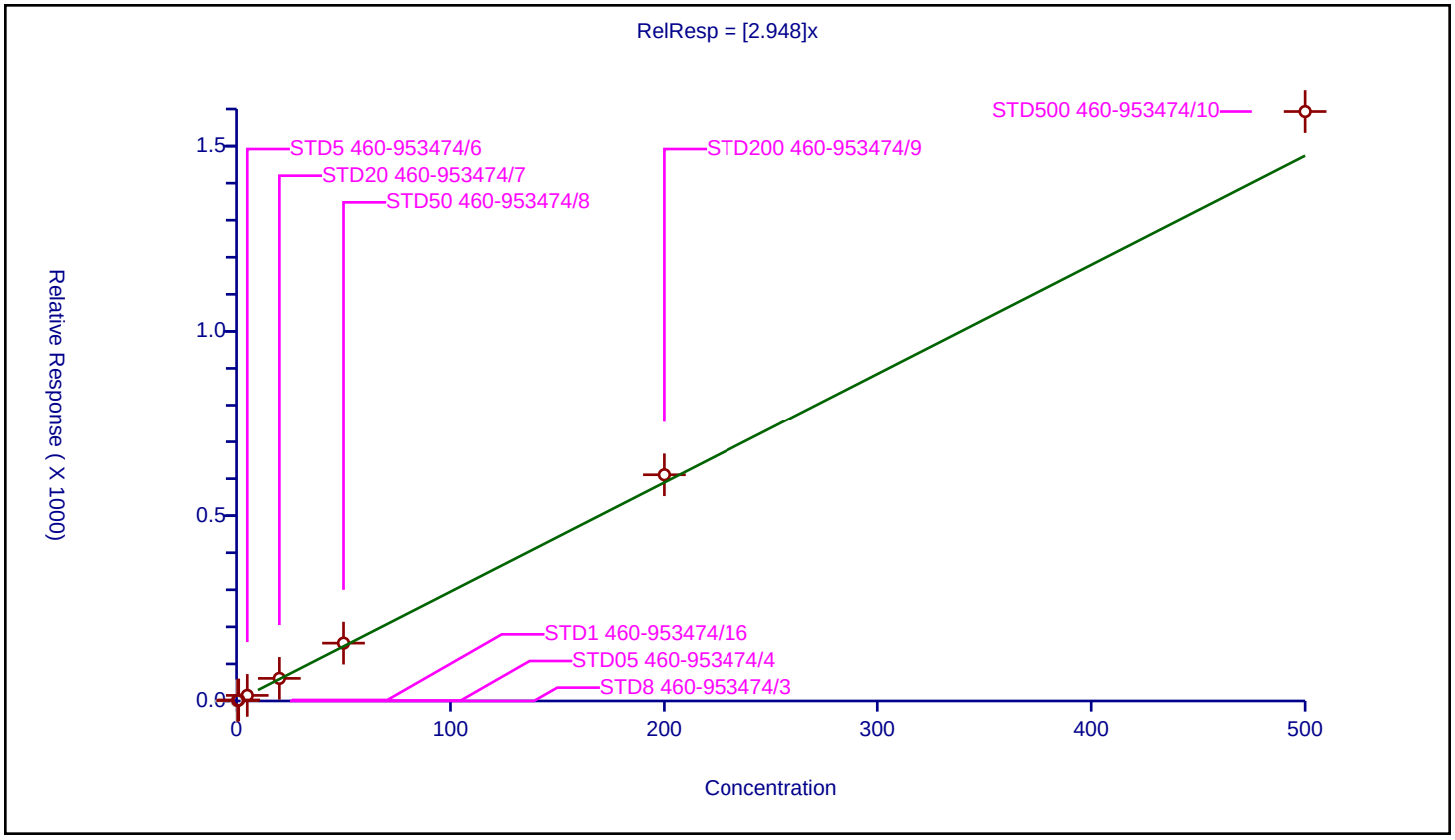
Curve Coefficients

Intercept:	0
Slope:	2.948

Error Coefficients

Standard Error:	3770000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.208912	50.0	212381.0	2.417825	Y
3	STD1 460-953474/16	1.0	2.794425	50.0	223767.0	2.794425	Y
4	STD5 460-953474/6	5.0	15.075904	50.0	211188.0	3.015181	Y
5	STD20 460-953474/7	20.0	61.00932	50.0	223170.0	3.050466	Y
6	STD50 460-953474/8	50.0	156.073555	50.0	238707.0	3.121471	Y
7	STD200 460-953474/9	200.0	610.520833	50.0	268762.0	3.052604	Y
8	STD500 460-953474/10	500.0	1593.249324	50.0	269773.0	3.186499	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

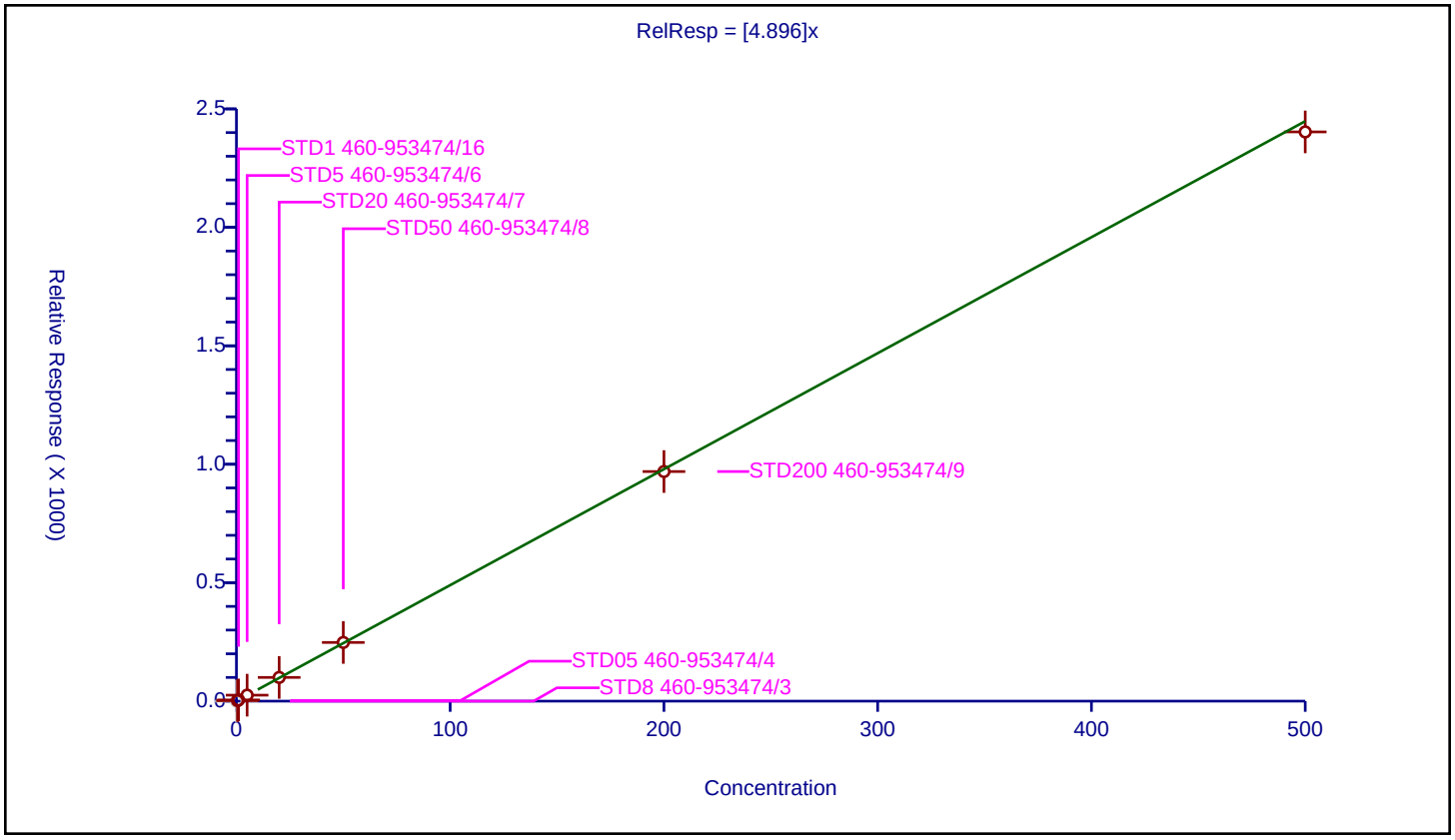
Curve Coefficients

Intercept:	0
Slope:	4.896

Error Coefficients

Standard Error:	5730000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	2.292578	50.0	212381.0	4.585156	Y
3	STD1 460-953474/16	1.0	5.035819	50.0	223767.0	5.035819	Y
4	STD5 460-953474/6	5.0	25.196744	50.0	211188.0	5.039349	Y
5	STD20 460-953474/7	20.0	100.069902	50.0	223170.0	5.003495	Y
6	STD50 460-953474/8	50.0	247.779705	50.0	238707.0	4.955594	Y
7	STD200 460-953474/9	200.0	969.148726	50.0	268762.0	4.845744	Y
8	STD500 460-953474/10	500.0	2402.808658	50.0	269773.0	4.805617	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

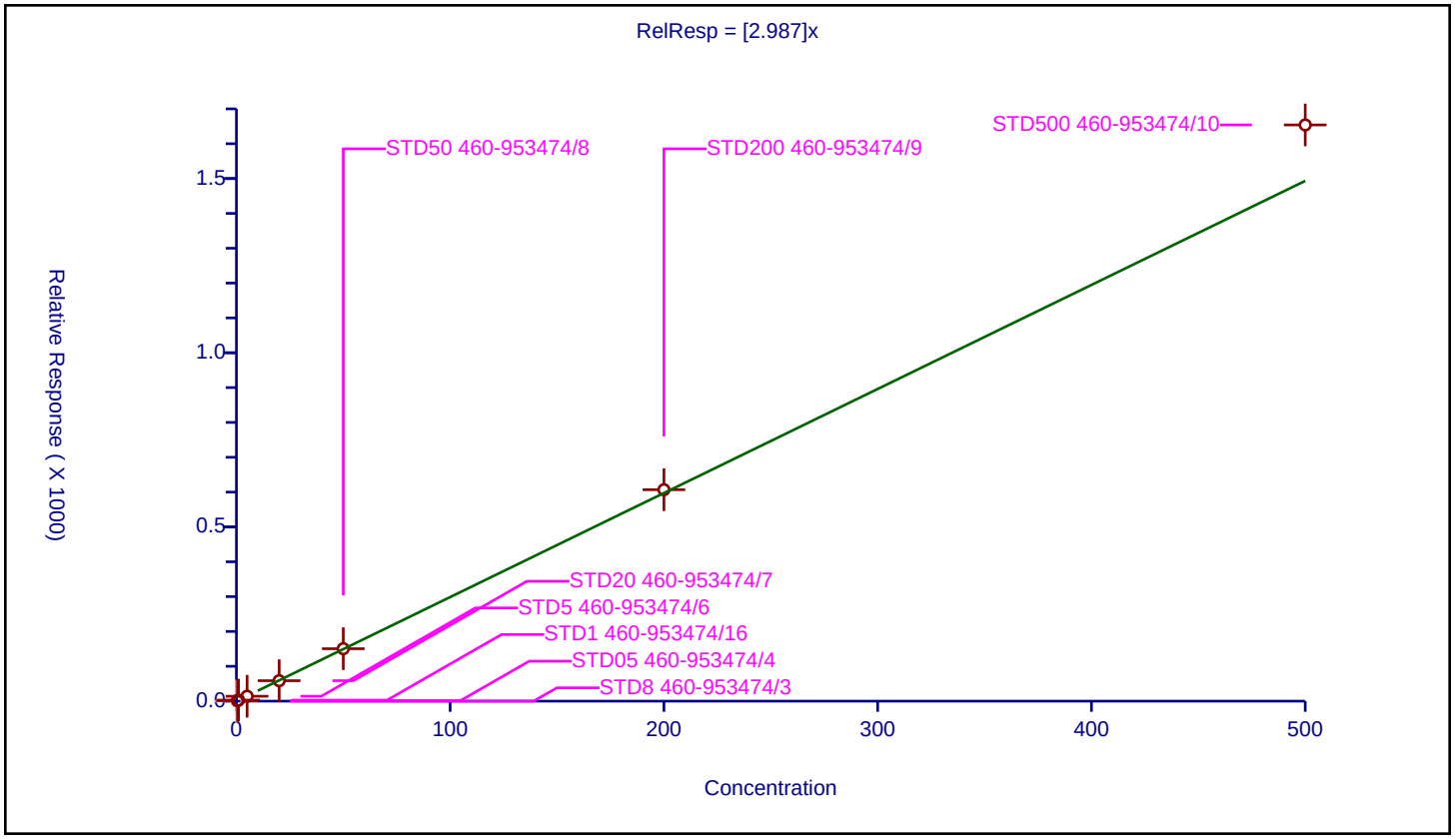
Curve Coefficients

Intercept:	0
Slope:	2.987

Error Coefficients

Standard Error:	3890000
Relative Standard Error:	5.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.413968	50.0	212381.0	2.827937	Y
3	STD1 460-953474/16	1.0	2.968266	50.0	223767.0	2.968266	Y
4	STD5 460-953474/6	5.0	14.116806	50.0	211188.0	2.823361	Y
5	STD20 460-953474/7	20.0	58.69158	50.0	223170.0	2.934579	Y
6	STD50 460-953474/8	50.0	150.524702	50.0	238707.0	3.010494	Y
7	STD200 460-953474/9	200.0	606.900715	50.0	268762.0	3.034504	Y
8	STD500 460-953474/10	500.0	1653.923854	50.0	269773.0	3.307848	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

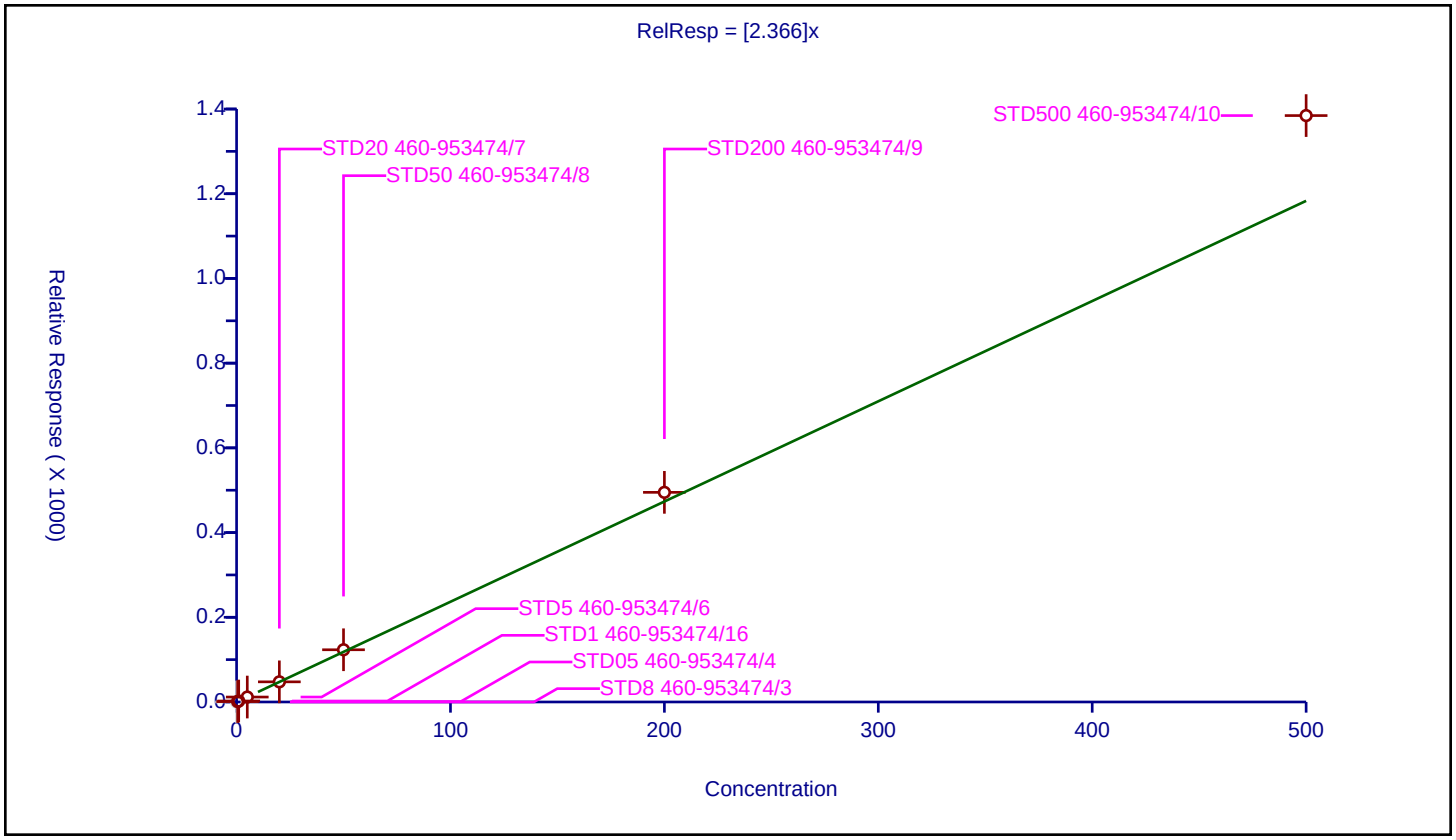
Curve Coefficients

Intercept:	0
Slope:	2.366

Error Coefficients

Standard Error:	3250000
Relative Standard Error:	11.7
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.923811	50.0	212381.0	1.847623	Y
3	STD1 460-953474/16	1.0	2.295915	50.0	223767.0	2.295915	Y
4	STD5 460-953474/6	5.0	11.669697	50.0	211188.0	2.333939	Y
5	STD20 460-953474/7	20.0	47.55097	50.0	223170.0	2.377549	Y
6	STD50 460-953474/8	50.0	123.295295	50.0	238707.0	2.465906	Y
7	STD200 460-953474/9	200.0	494.933063	50.0	268762.0	2.474665	Y
8	STD500 460-953474/10	500.0	1384.517353	50.0	269773.0	2.769035	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

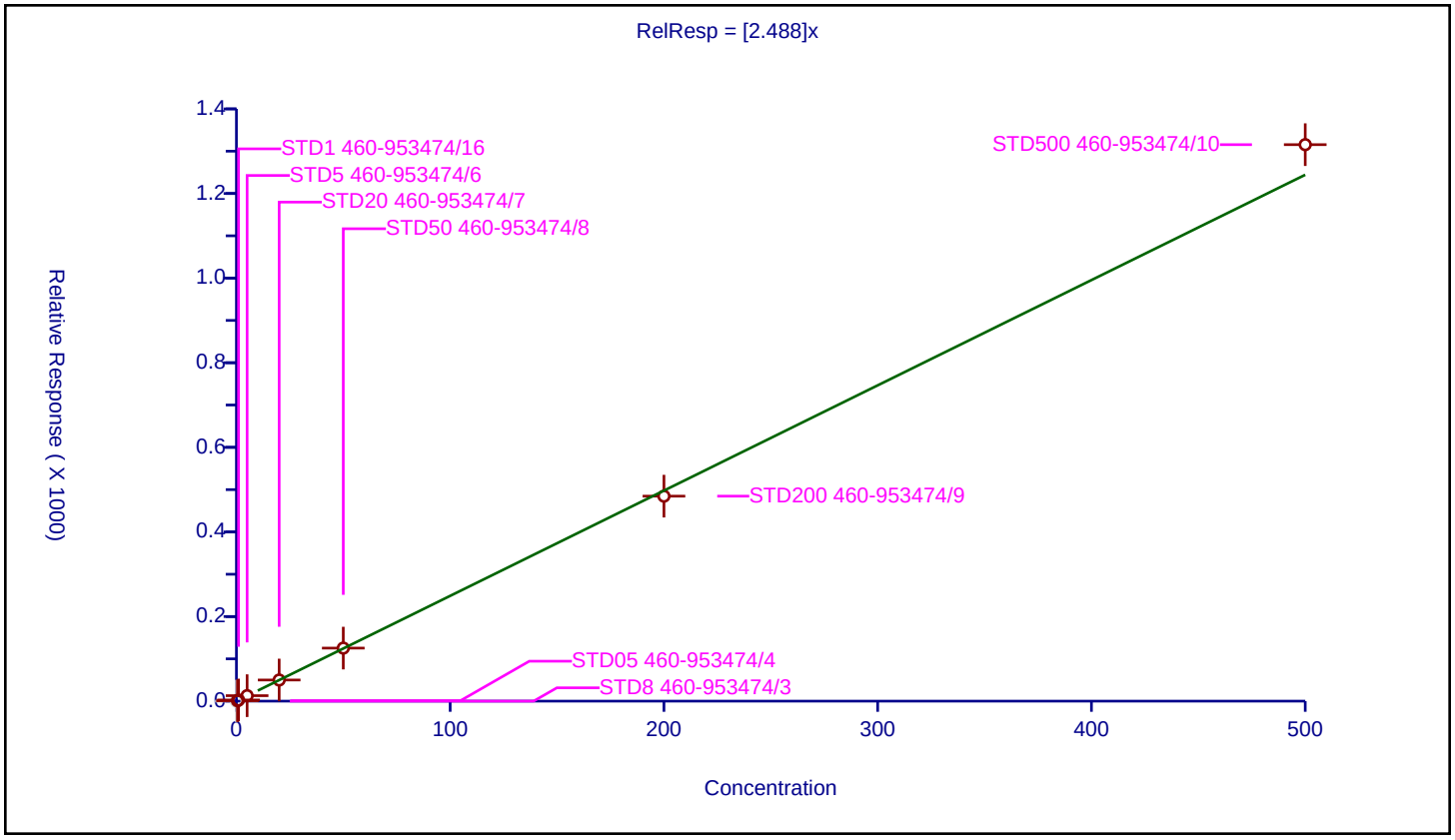
Curve Coefficients

Intercept:	0
Slope:	2.488

Error Coefficients

Standard Error:	3100000
Relative Standard Error:	7.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.056827	50.0	212381.0	2.113654	Y
3	STD1 460-953474/16	1.0	2.654547	50.0	223767.0	2.654547	Y
4	STD5 460-953474/6	5.0	12.960964	50.0	211188.0	2.592193	Y
5	STD20 460-953474/7	20.0	49.938836	50.0	223170.0	2.496942	Y
6	STD50 460-953474/8	50.0	125.363521	50.0	238707.0	2.50727	Y
7	STD200 460-953474/9	200.0	484.539295	50.0	268762.0	2.422696	Y
8	STD500 460-953474/10	500.0	1315.474121	50.0	269773.0	2.630948	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

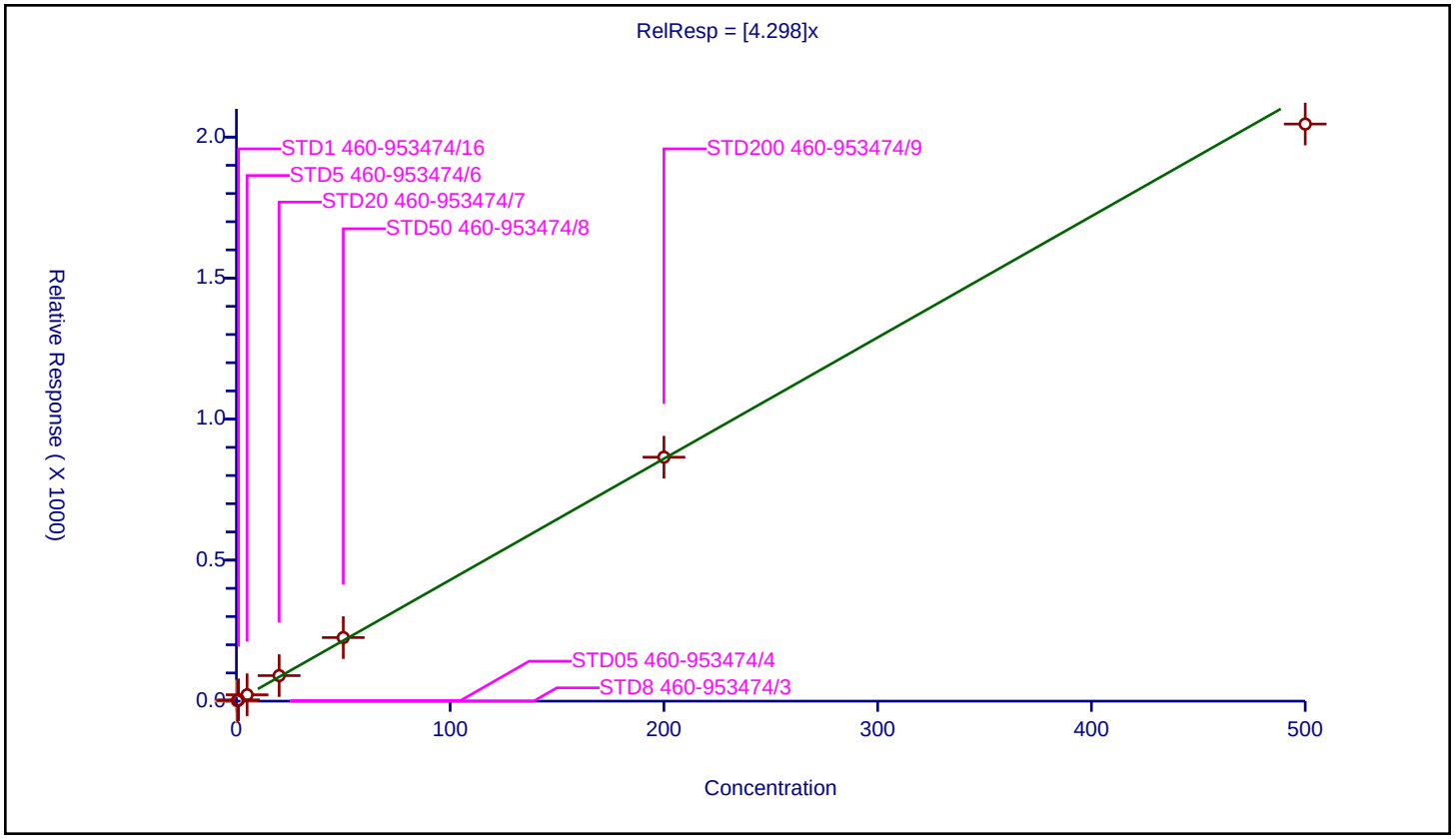
Curve Coefficients

Intercept:	0
Slope:	4.298

Error Coefficients

Standard Error:	4910000
Relative Standard Error:	7.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.820549	50.0	212381.0	3.641098	Y
3	STD1 460-953474/16	1.0	4.465583	50.0	223767.0	4.465583	Y
4	STD5 460-953474/6	5.0	22.653513	50.0	211188.0	4.530703	Y
5	STD20 460-953474/7	20.0	90.521351	50.0	223170.0	4.526068	Y
6	STD50 460-953474/8	50.0	225.345926	50.0	238707.0	4.506919	Y
7	STD200 460-953474/9	200.0	865.008818	50.0	268762.0	4.325044	Y
8	STD500 460-953474/10	500.0	2046.255185	50.0	269773.0	4.09251	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

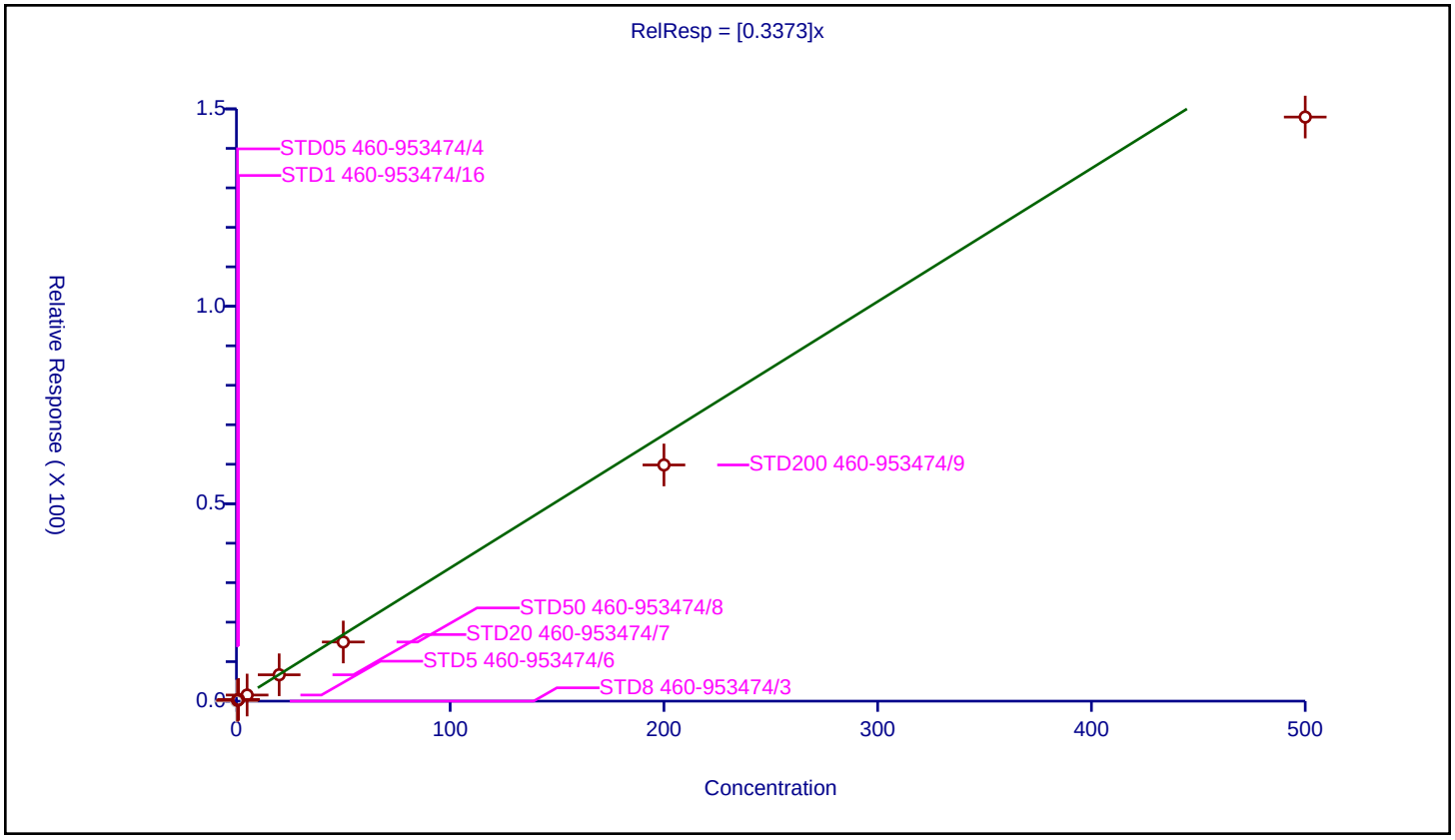
Curve Coefficients

Intercept:	0
Slope:	0.3373

Error Coefficients

Standard Error:	353000
Relative Standard Error:	15.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.1987	50.0	212381.0	0.397399	Y
3	STD1 460-953474/16	1.0	0.426336	50.0	223767.0	0.426336	Y
4	STD5 460-953474/6	5.0	1.546726	50.0	211188.0	0.309345	Y
5	STD20 460-953474/7	20.0	6.672492	50.0	223170.0	0.333625	Y
6	STD50 460-953474/8	50.0	14.98008	50.0	238707.0	0.299602	Y
7	STD200 460-953474/9	200.0	59.817236	50.0	268762.0	0.299086	Y
8	STD500 460-953474/10	500.0	147.937896	50.0	269773.0	0.295876	Y



Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

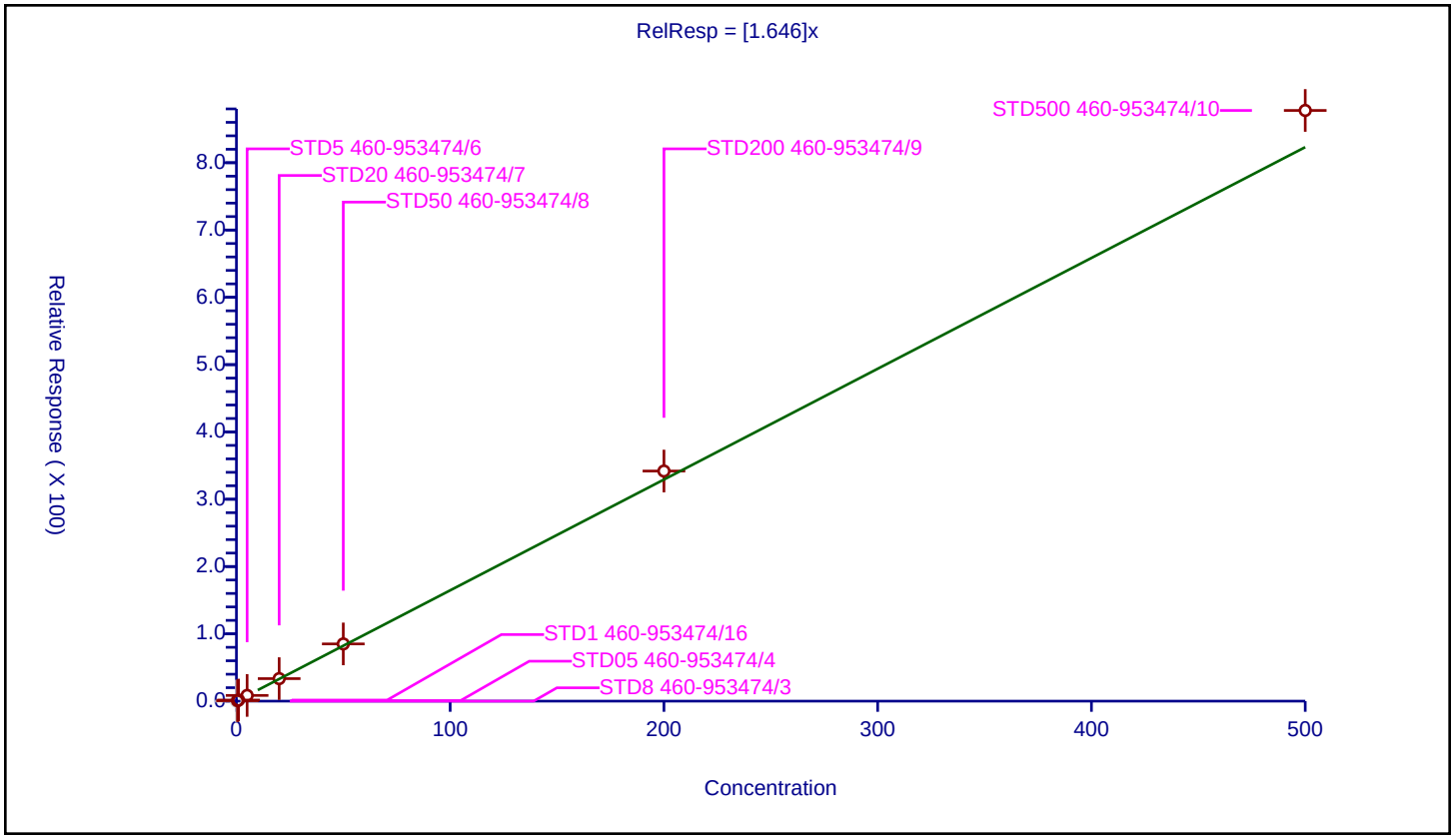
Curve Coefficients

Intercept:	0
Slope:	1.646

Error Coefficients

Standard Error:	2080000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.695684	50.0	212381.0	1.391367	Y
3	STD1 460-953474/16	1.0	1.600102	50.0	223767.0	1.600102	Y
4	STD5 460-953474/6	5.0	8.471836	50.0	211188.0	1.694367	Y
5	STD20 460-953474/7	20.0	33.448716	50.0	223170.0	1.672436	Y
6	STD50 460-953474/8	50.0	85.035211	50.0	238707.0	1.700704	Y
7	STD200 460-953474/9	200.0	341.893199	50.0	268762.0	1.709466	Y
8	STD500 460-953474/10	500.0	877.661404	50.0	269773.0	1.755323	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

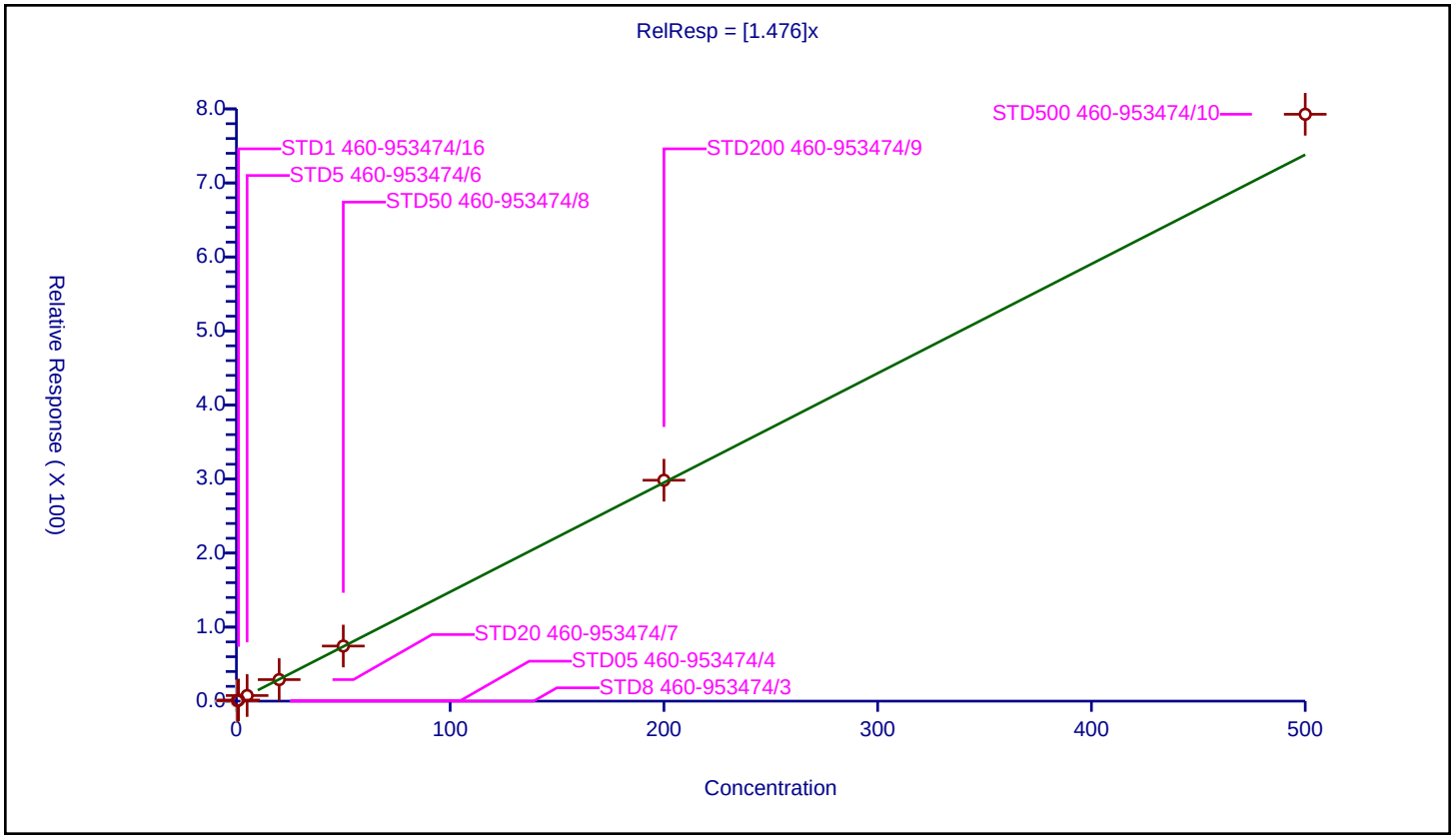
Curve Coefficients

Intercept:	0
Slope:	1.476

Error Coefficients

Standard Error:	1870000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.653778	50.0	212381.0	1.307556	Y
3	STD1 460-953474/16	1.0	1.491507	50.0	223767.0	1.491507	Y
4	STD5 460-953474/6	5.0	7.569559	50.0	211188.0	1.513912	Y
5	STD20 460-953474/7	20.0	29.097101	50.0	223170.0	1.454855	Y
6	STD50 460-953474/8	50.0	74.430788	50.0	238707.0	1.488616	Y
7	STD200 460-953474/9	200.0	298.405653	50.0	268762.0	1.492028	Y
8	STD500 460-953474/10	500.0	792.716284	50.0	269773.0	1.585433	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

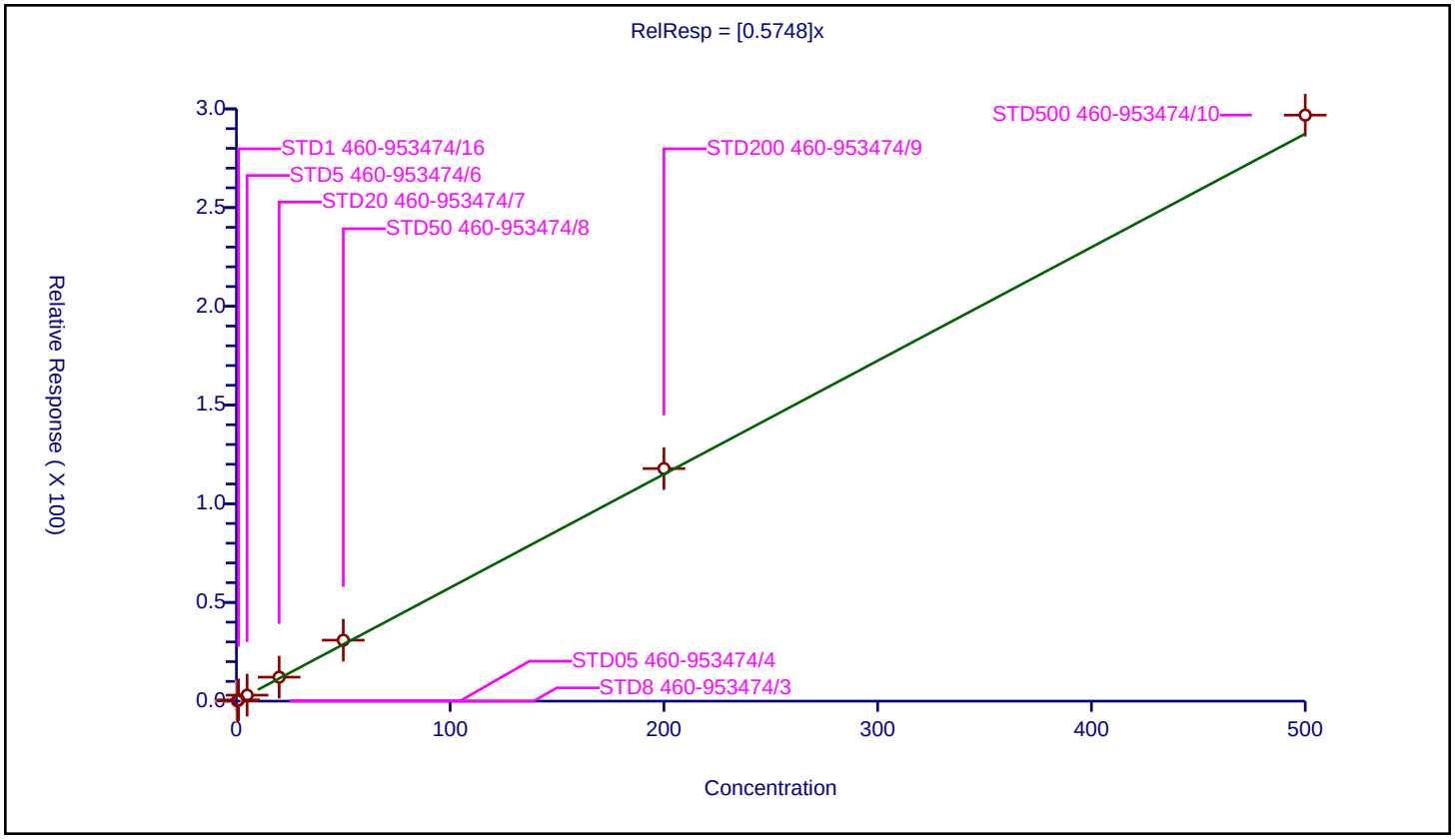
Curve Coefficients

Intercept:	0
Slope:	0.5748

Error Coefficients

Standard Error:	706000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.197287	50.0	212381.0	0.394574	Y
3	STD1 460-953474/16	1.0	0.615372	50.0	223767.0	0.615372	Y
4	STD5 460-953474/6	5.0	3.02645	50.0	211188.0	0.60529	Y
5	STD20 460-953474/7	20.0	12.155084	50.0	223170.0	0.607754	Y
6	STD50 460-953474/8	50.0	30.88661	50.0	238707.0	0.617732	Y
7	STD200 460-953474/9	200.0	117.816879	50.0	268762.0	0.589084	Y
8	STD500 460-953474/10	500.0	296.841419	50.0	269773.0	0.593683	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

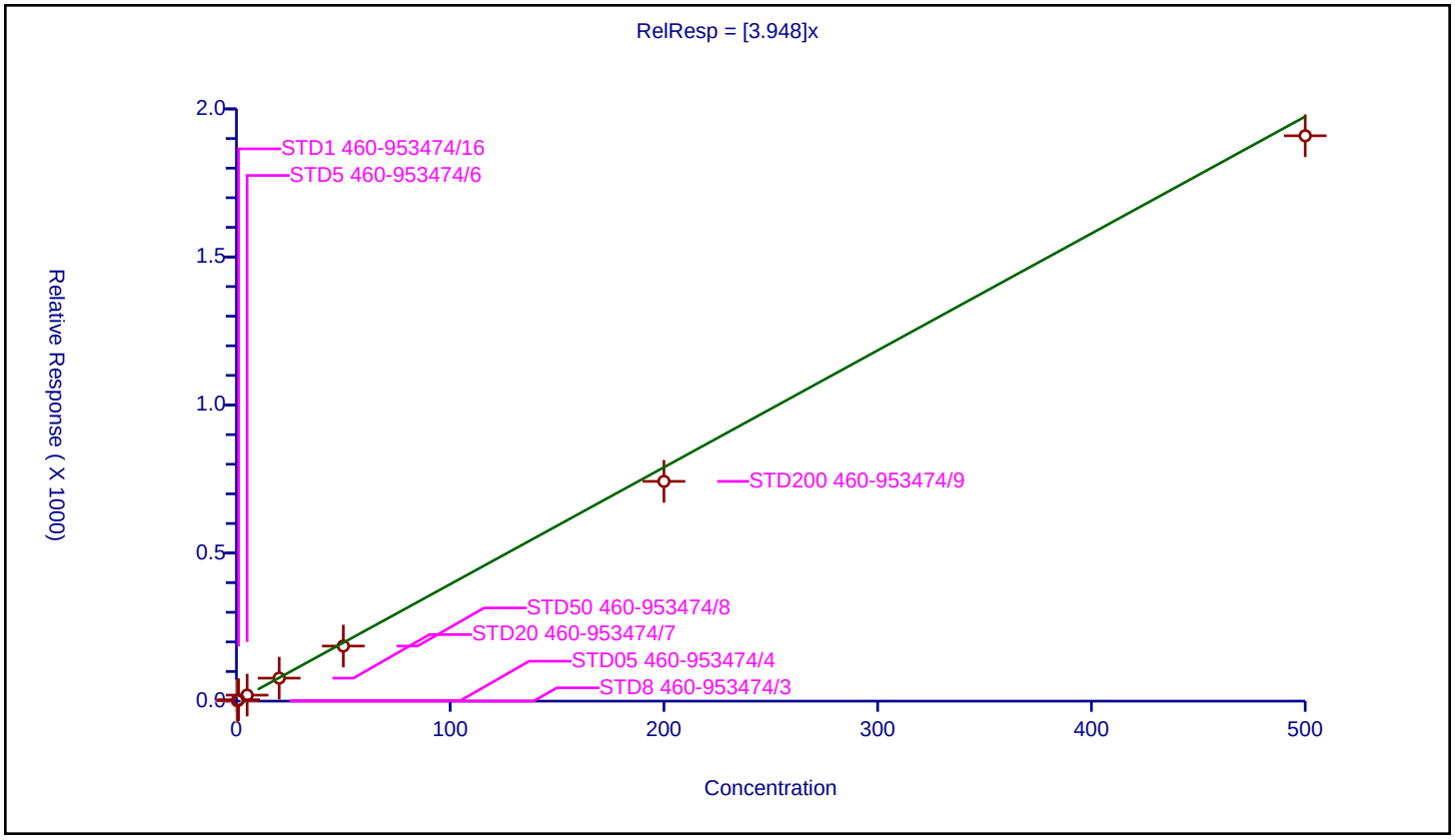
Curve Coefficients

Intercept:	0
Slope:	3.948

Error Coefficients

Standard Error:	4530000
Relative Standard Error:	9.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	1.86834	50.0	212381.0	3.736681	Y
3	STD1 460-953474/16	1.0	4.711374	50.0	223767.0	4.711374	Y
4	STD5 460-953474/6	5.0	20.27672	50.0	211188.0	4.055344	Y
5	STD20 460-953474/7	20.0	77.67061	50.0	223170.0	3.88353	Y
6	STD50 460-953474/8	50.0	186.058222	50.0	238707.0	3.721164	Y
7	STD200 460-953474/9	200.0	742.183233	50.0	268762.0	3.710916	Y
8	STD500 460-953474/10	500.0	1909.25315	50.0	269773.0	3.818506	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

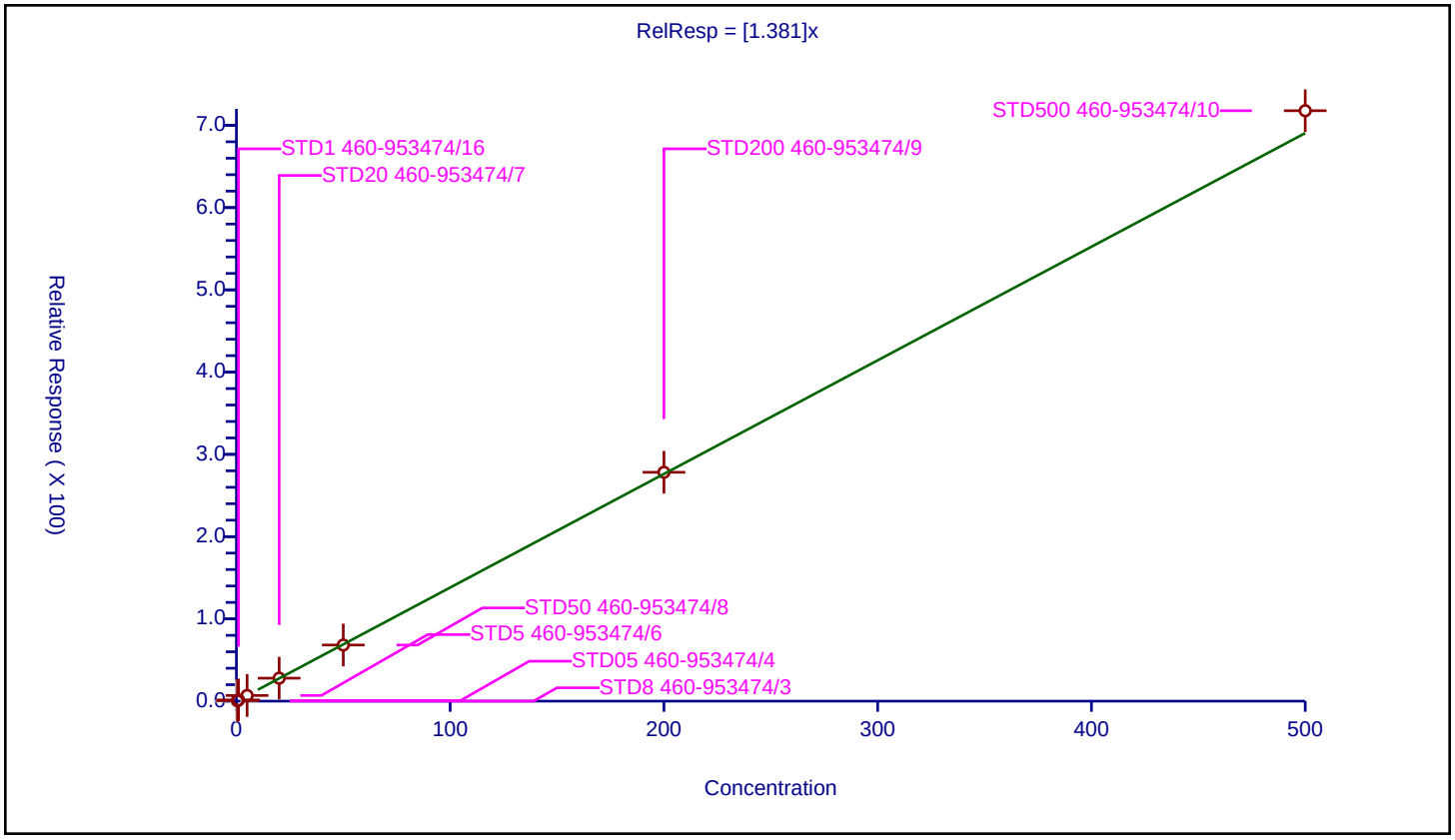
Curve Coefficients

Intercept:	0
Slope:	1.381

Error Coefficients

Standard Error:	1700000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-953474/3	0.0	0.0	50.0	216678.0	NaN	N
2	STD05 460-953474/4	0.5	0.608576	50.0	212381.0	1.217152	Y
3	STD1 460-953474/16	1.0	1.486814	50.0	223767.0	1.486814	Y
4	STD5 460-953474/6	5.0	6.875154	50.0	211188.0	1.375031	Y
5	STD20 460-953474/7	20.0	27.941928	50.0	223170.0	1.397096	Y
6	STD50 460-953474/8	50.0	68.234069	50.0	238707.0	1.364681	Y
7	STD200 460-953474/9	200.0	278.209345	50.0	268762.0	1.391047	Y
8	STD500 460-953474/10	500.0	717.757522	50.0	269773.0	1.435515	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: ICV 460-953474/18 Calibration Date: 01/05/2024 09:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V49198.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0141	0.0356		50.6	20.0	153.1*	30.0
Chlorotrifluoroethene	Ave	0.0942	0.2064		43.8	20.0	119.2*	30.0
1,1-Difluoroethane	Ave	0.2109	0.2761		26.2	20.0	30.9*	30.0
Dichlorodifluoromethane	Ave	0.5419	0.5082	0.1000	18.8	20.0	-6.2	30.0
Chlorodifluoromethane	Ave	0.0897	0.0828		18.5	20.0	-7.7	30.0
Chloromethane	Ave	0.6324	0.5875	0.1000	18.6	20.0	-7.1	30.0
Vinyl chloride	Ave	0.6565	0.5949	0.1000	18.1	20.0	-9.4	30.0
Butadiene	Ave	0.6174	0.5974		19.4	20.0	-3.2	30.0
Bromomethane	Ave	0.3050	0.2486	0.1000	16.3	20.0	-18.5	30.0
Chloroethane	Ave	0.4043	0.3849	0.1000	19.0	20.0	-4.8	30.0
Dichlorofluoromethane	Ave	1.005	0.9092		18.1	20.0	-9.5	30.0
Trichlorofluoromethane	Ave	0.6518	0.6695	0.1000	20.5	20.0	2.7	30.0
Pentane	Ave	0.0789	0.0908		46.0	40.0	15.1	30.0
Ethanol	Ave	0.5916	0.5882		796	800	-0.6	30.0
Ethyl ether	Lin2		0.2654		19.1	20.0	-4.4	30.0
2-Methyl-1,3-butadiene	Ave	0.4799	0.5030		21.0	20.0	4.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3764	0.3436		18.3	20.0	-8.7	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6090	0.6238		20.5	20.0	2.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4040	0.4020	0.1000	19.9	20.0	-0.5	30.0
Acrolein	QuaF		0.0244		25.0	39.5	-36.7*	30.0
1,1-Dichloroethene	Ave	0.4003	0.3727	0.1000	18.6	20.0	-6.9	30.0
Acetone	QuaF		1.243	0.0500	97.0	100	-3.0	30.0
Iodomethane	QuaF		0.2652		12.0	20.0	-40.1*	30.0
Isopropyl alcohol	Ave	7.770	7.618		196	200	-2.0	30.0
Carbon disulfide	Ave	1.558	1.254	0.1000	16.1	20.0	-19.5	30.0
3-Chloro-1-propene	Ave	0.3120	0.2858		18.3	20.0	-8.4	30.0
Methyl acetate	Ave	0.3275	0.3342	0.1000	40.8	40.0	2.0	30.0
Cyclopentene	Ave	1.000	1.213		24.3	20.0	21.3	30.0
Acetonitrile	Ave	0.5017	0.4955		198	200	-1.2	30.0
Methylene Chloride	Ave	0.4754	0.4252	0.1000	17.9	20.0	-10.6	30.0
2-Methyl-2-propanol	Ave	15.56	13.08		168	200	-15.9	30.0
Methyl tert-butyl ether	Ave	1.353	1.309	0.1000	19.3	20.0	-3.3	30.0
trans-1,2-Dichloroethene	Ave	0.4435	0.4186	0.1000	18.9	20.0	-5.6	30.0
Acrylonitrile	QuaF		0.1628		195	200	-2.6	30.0
Hexane	Ave	0.6092	0.6204		20.4	20.0	1.8	30.0
Isopropyl ether	Ave	1.671	1.618		19.4	20.0	-3.2	30.0
1,1-Dichloroethane	Ave	0.9188	0.8824	0.2000	19.2	20.0	-4.0	30.0
Vinyl acetate	Ave	10.12	10.67		42.2	40.0	5.4	30.0
2-Chloro-1,3-butadiene	Ave	0.4195	0.4397		21.0	20.0	4.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: ICV 460-953474/18 Calibration Date: 01/05/2024 09:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V49198.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.535	1.545		20.1	20.0	0.6	30.0
2,2-Dichloropropane	Lin2		0.1647		20.4	20.0	1.8	30.0
cis-1,2-Dichloroethene	Ave	0.5002	0.4588	0.1000	18.3	20.0	-8.3	30.0
Ethyl acetate	Lin2		0.4955		41.5	40.0	3.7	30.0
Methyl Ethyl Ketone	Ave	0.5293	0.4714	0.0500	89.1	100	-10.9	30.0
Methyl acrylate	Ave	0.3349	0.3698		22.1	20.0	10.4	30.0
Propionitrile	Ave	0.0570	0.0605		212	200	6.1	30.0
Chlorobromomethane	Ave	0.2321	0.2097		18.1	20.0	-9.7	30.0
Tetrahydrofuran	Ave	0.0600	0.0540		36.0	40.0	-10.0	30.0
Methacrylonitrile	Ave	0.1879	0.1948		207	200	3.7	30.0
Chloroform	Ave	0.8425	0.7740	0.2000	18.4	20.0	-8.1	30.0
Cyclohexane	Ave	0.6649	0.6804	0.1000	20.5	20.0	2.3	30.0
1,1,1-Trichloroethane	Ave	0.7334	0.6814	0.1000	18.6	20.0	-7.1	30.0
Carbon tetrachloride	Ave	0.6196	0.5785	0.1000	18.7	20.0	-6.6	30.0
1,1-Dichloropropene	Ave	0.6722	0.6388		19.0	20.0	-5.0	30.0
Isobutyl alcohol	QuaF		10.20		512	500	2.4	30.0
Isooctane	Ave	1.269	1.372		21.6	20.0	8.1	30.0
Benzene	Ave	2.752	2.563	0.5000	18.6	20.0	-6.9	30.0
Isopropyl acetate	Ave	0.4215	0.4295		20.4	20.0	1.9	30.0
Tert-amyl methyl ether	Ave	1.464	1.437		19.6	20.0	-1.8	30.0
1,2-Dichloroethane	Ave	0.6814	0.6169	0.1000	18.1	20.0	-9.5	30.0
n-Heptane	Ave	0.2570	0.2845		22.1	20.0	10.7	30.0
n-Butanol	Lin2F		2.328		430	500	-13.9	30.0
Trichloroethene	Ave	0.4679	0.4640	0.2000	19.8	20.0	-0.8	30.0
Ethyl acrylate	Ave	0.0668	0.0686		20.6	20.0	2.8	30.0
Methylcyclohexane	Ave	0.7033	0.7263	0.1000	20.7	20.0	3.3	30.0
1,2-Dichloropropane	Ave	0.5069	0.4889	0.1000	19.3	20.0	-3.6	30.0
Methyl methacrylate	Ave	0.1148	0.1218		42.4	40.0	6.1	30.0
1,4-Dioxane	QuaF		2.372		390	400	-2.4	30.0
Dibromomethane	Ave	0.2960	0.2769		18.7	20.0	-6.5	30.0
n-Propyl acetate	Ave	0.6139	0.6101		19.9	20.0	-0.6	30.0
Bromodichloromethane	Ave	0.6347	0.5928	0.2000	18.7	20.0	-6.6	30.0
2-Nitropropane	QuaF		0.1595		39.5	40.0	-1.2	30.0
2-Chloroethyl vinyl ether	Ave	0.2478	0.2607		21.0	20.0	5.2	30.0
Epichlorohydrin	Ave	0.4292	0.4187		19.5	20.0	-2.4	30.0
cis-1,3-Dichloropropene	Ave	1.153	1.044	0.2000	18.1	20.0	-9.5	30.0
methyl isobutyl ketone	Ave	4.550	4.550	0.0500	100	100	0.0	30.0
Toluene	Ave	2.967	2.631	0.4000	17.7	20.0	-11.3	30.0
trans-1,3-Dichloropropene	Ave	1.052	1.014	0.1000	19.3	20.0	-3.5	30.0
Ethyl methacrylate	Ave	0.7797	0.8113		20.8	20.0	4.1	30.0
1,1,2-Trichloroethane	Ave	0.4707	0.4638	0.1000	19.7	20.0	-1.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: ICV 460-953474/18 Calibration Date: 01/05/2024 09:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V49198.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.6196	0.6033	0.2000	19.5	20.0	-2.6	30.0
1,3-Dichloropropane	Ave	1.005	0.9754		19.4	20.0	-2.9	30.0
2-Hexanone	Ave	2.802	2.997	0.0500	107	100	7.0	30.0
n-Butyl acetate	QuaF		1.024		19.6	20.0	-1.8	30.0
Dibromochloromethane	Ave	0.6143	0.5698	0.1000	18.6	20.0	-7.2	30.0
Ethylene Dibromide	Ave	0.5583	0.5452	0.1000	19.5	20.0	-2.4	30.0
Chlorobenzene	Ave	1.698	1.603	0.5000	18.9	20.0	-5.6	30.0
Ethylbenzene	Ave	0.9517	0.8981	0.1000	18.9	20.0	-5.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5984	0.5778		19.3	20.0	-3.4	30.0
m-Xylene & p-Xylene	Ave	1.207	1.106	0.1000	18.3	20.0	-8.4	30.0
o-Xylene	Ave	1.147	1.073	0.3000	18.7	20.0	-6.5	30.0
n-Butyl acrylate	Ave	0.5144	0.5189		20.2	20.0	0.9	30.0
Styrene	Ave	1.840	1.793	0.3000	19.5	20.0	-2.5	30.0
Amyl acetate (mixed isomers)	Ave	2.347	2.640		22.5	20.0	12.4	30.0
Bromoform	Ave	0.3965	0.3705	0.1000	18.7	20.0	-6.6	30.0
Isopropylbenzene	Ave	2.846	2.768	0.1000	19.5	20.0	-2.7	30.0
Bromobenzene	Ave	1.383	1.408		20.4	20.0	1.8	30.0
1,1,2,2-Tetrachloroethane	Ave	1.621	1.595	0.3000	19.7	20.0	-1.6	30.0
N-Propylbenzene	Ave	7.139	7.357		20.6	20.0	3.1	30.0
1,2,3-Trichloropropane	Ave	0.4659	0.4418		19.0	20.0	-5.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4264	0.4565		21.4	20.0	7.1	30.0
2-Chlorotoluene	Ave	4.830	4.801		19.9	20.0	-0.6	30.0
4-Ethyltoluene	Ave	5.777	6.065		21.0	20.0	5.0	30.0
1,3,5-Trimethylbenzene	Ave	4.937	4.705		19.1	20.0	-4.7	30.0
4-Chlorotoluene	Ave	4.693	4.655		19.8	20.0	-0.8	30.0
Butyl Methacrylate	Ave	1.673	1.634		19.5	20.0	-2.3	30.0
tert-Butylbenzene	Ave	4.118	4.008		19.5	20.0	-2.7	30.0
1,2,4-Trimethylbenzene	Ave	4.992	4.716		18.9	20.0	-5.5	30.0
sec-Butylbenzene	Ave	5.772	5.959		20.6	20.0	3.2	30.0
1,3-Dichlorobenzene	Ave	2.658	2.562	0.6000	19.3	20.0	-3.6	30.0
4-Isopropyltoluene	Ave	4.917	4.778		19.4	20.0	-2.8	30.0
1,4-Dichlorobenzene	Ave	2.676	2.562	0.5000	19.1	20.0	-4.3	30.0
1,2,3-Trimethylbenzene	Ave	5.029	4.836		19.2	20.0	-3.8	30.0
Benzyl chloride	Ave	2.948	3.301		22.4	20.0	12.0	30.0
Indan	Ave	4.896	4.950		20.2	20.0	1.1	30.0
p-Diethylbenzene	Ave	2.987	2.888		19.3	20.0	-3.3	30.0
n-Butylbenzene	Ave	2.366	2.227		18.8	20.0	-5.9	30.0
1,2-Dichlorobenzene	Ave	2.488	2.428	0.4000	19.5	20.0	-2.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.298	4.454		20.7	20.0	3.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3373	0.3083	0.0500	18.3	20.0	-8.6	30.0
1,3,5-Trichlorobenzene	Ave	1.646	1.665		20.2	20.0	1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: ICV 460-953474/18 Calibration Date: 01/05/2024 09:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V49198.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.476	1.429	0.2000	19.4	20.0	-3.2	30.0
Hexachlorobutadiene	Ave	0.5748	0.6056		21.1	20.0	5.4	30.0
Naphthalene	Ave	3.948	3.822		19.4	20.0	-3.2	30.0
1,2,3-Trichlorobenzene	Ave	1.381	1.341		19.4	20.0	-2.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2673	0.2650		49.6	50.0	-0.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.3306		49.6	50.0	-0.9	30.0
Toluene-d8 (Surr)	Ave	1.681	1.685		50.1	50.0	0.2	30.0
4-Bromofluorobenzene	Ave	0.4331	0.4520		52.2	50.0	4.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49198.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 05-Jan-2024 09:46:30 ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0170980-018
Operator ID: Instrument ID: CVOAMS7
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 08-Jan-2024 11:29:20 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1690

First Level Reviewer: W9CM Date: 05-Jan-2024 13:30:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.163	1.151	0.012	82	10225	20.0	50.6	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	98	59220	20.0	43.8	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	94	79215	20.0	26.2	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	100	145804	20.0	18.8	
2 Chlorodifluoromethane	67	1.277	1.265	0.012	100	23768	20.0	18.5	
6 Chloromethane	50	1.380	1.380	0.000	100	168547	20.0	18.6	
7 Vinyl chloride	62	1.448	1.437	0.011	99	170690	20.0	18.1	
8 Butadiene	54	1.460	1.460	0.000	98	171400	20.0	19.4	
9 Bromomethane	94	1.654	1.654	0.000	98	71318	20.0	16.3	
10 Chloroethane	64	1.711	1.711	0.000	100	110440	20.0	19.0	
11 Dichlorofluoromethane	67	1.837	1.825	0.012	99	260851	20.0	18.1	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	98	192099	20.0	20.5	
13 Pentane	72	1.871	1.871	0.000	97	52093	40.0	46.0	
17 Ethanol	46	1.974	1.974	0.000	93	19144	800.0	795.5	
14 Ethyl ether	74	2.008	2.008	0.000	97	76160	20.0	19.1	
15 2-Methyl-1,3-butadiene	53	2.031	2.020	0.011	99	144306	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.031	0.012	91	98583	20.0	18.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	178962	20.0	20.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	95	115330	20.0	19.9	
52 Acrolein	56	2.145	2.146	-0.001	97	13847	39.5	25.0	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	96	106938	20.0	18.6	
23 Acetone	43	2.225	2.226	-0.001	86	176182	100.0	97.0	
21 Iodomethane	142	2.294	2.294	0.000	98	76100	20.0	12.0	
24 Isopropyl alcohol	45	2.294	2.294	0.000	98	61984	200.0	196.1	
22 Carbon disulfide	76	2.328	2.317	0.011	100	359885	20.0	16.1	
30 Methyl acetate	43	2.420	2.408	0.012	98	191749	40.0	40.8	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	88	82007	20.0	18.3	
25 Cyclopentene	67	2.431	2.431	0.000	94	347974	20.0	24.3	
27 Acetonitrile	41	2.466	2.454	0.012	96	140436	200.0	197.6	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	99	40680	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	97	121984	20.0	17.9	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	98	106448	200.0	168.2	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	375431	20.0	19.3	
33 trans-1,2-Dichloroethene	96	2.671	2.660	0.011	98	120102	20.0	18.9	
35 Acrylonitrile	53	2.717	2.706	0.011	94	467222	200.0	194.8	
36 Hexane	57	2.786	2.786	0.000	93	178008	20.0	20.4	
37 Isopropyl ether	45	2.946	2.946	0.000	98	464135	20.0	19.4	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	67	253185	20.0	19.2	
40 Vinyl acetate	43	2.991	2.991	0.000	100	604686	40.0	42.2	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	93	126160	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	88	443246	20.0	20.1	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	97	354247	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.403	0.011	96	47245	20.0	20.4	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	92	131642	20.0	18.3	
44 2-Butanone (MEK)	72	3.448	3.437	0.011	96	66798	100.0	89.1	
47 Ethyl acetate	70	3.448	3.449	0.000	95	28087	40.0	41.5	
46 Methyl acrylate	55	3.506	3.494	0.012	99	106113	20.0	22.1	
48 Propionitrile	54	3.563	3.563	0.000	97	173531	200.0	212.1	
50 Tetrahydrofuran	72	3.643	3.643	0.000	66	31005	40.0	36.0	
54 Methacrylonitrile	67	3.654	3.643	0.011	95	558788	200.0	207.3	
49 Chlorobromomethane	128	3.643	3.643	0.000	96	60169	20.0	18.1	
51 Chloroform	83	3.688	3.689	-0.001	98	222074	20.0	18.4	
53 Cyclohexane	84	3.803	3.803	0.000	93	195206	20.0	20.5	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	195512	20.0	18.6	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	190097	50.0	49.6	
57 Carbon tetrachloride	117	3.929	3.929	-0.001	97	165989	20.0	18.7	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	94	183286	20.0	19.0	
61 Isobutyl alcohol	43	4.089	4.089	0.000	92	207396	500.0	511.9	
64 Isooctane	57	4.111	4.100	0.011	98	393729	20.0	21.6	
59 Benzene	78	4.146	4.134	0.012	98	518557	20.0	18.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	237117	50.0	49.6	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	91	412211	20.0	19.6	
66 Isopropyl acetate	87	4.191	4.191	0.000	95	123222	20.0	20.4	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	98	176987	20.0	18.1	
65 n-Heptane	57	4.283	4.283	0.000	96	81615	20.0	22.1	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	717280	50.0	50.0	
70 n-Butanol	56	4.763	4.763	0.000	90	47350	500.0	430.4	
69 Trichloroethene	95	4.774	4.774	0.000	98	133127	20.0	19.8	
72 Methylcyclohexane	83	4.889	4.877	0.012	82	208388	20.0	20.7	
71 Ethyl acrylate	99	4.889	4.889	0.000	94	19682	20.0	20.6	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	91	140269	20.0	19.3	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	86	23217	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	93	69892	40.0	42.4	
78 1,4-Dioxane	88	5.174	5.174	0.000	38	22028	400.0	390.2	
77 n-Propyl acetate	43	5.197	5.186	0.011	99	175048	20.0	19.9	
75 Dibromomethane	93	5.186	5.186	0.000	96	79434	20.0	18.7	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	170074	20.0	18.7	
34 2-Nitropropane	41	5.677	5.677	0.000	97	91512	40.0	39.5	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	96	74787	20.0	21.0	
80 Epichlorohydrin	57	5.826	5.803	0.023	97	11867	20.0	19.5	a
81 cis-1,3-Dichloropropene	75	5.872	5.860	0.012	97	211183	20.0	18.1	
84 4-Methyl-2-pentanone (MIBK)	43	6.032	6.032	0.000	98	644744	100.0	100.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	852376	50.0	50.1	
83 Toluene	91	6.192	6.192	0.000	93	532323	20.0	17.7	
85 trans-1,3-Dichloropropene	75	6.603	6.603	0.000	98	205235	20.0	19.3	
86 Ethyl methacrylate	69	6.626	6.626	0.000	91	164180	20.0	20.8	
87 1,1,2-Trichloroethane	83	6.832	6.832	0.000	94	93848	20.0	19.7	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	122090	20.0	19.5	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	96	197388	20.0	19.4	
91 2-Hexanone	43	7.129	7.129	0.000	97	424713	100.0	107.0	
92 n-Butyl acetate	43	7.277	7.277	0.000	99	207264	20.0	19.6	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	115298	20.0	18.6	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	110322	20.0	19.5	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	88	505900	50.0	50.0	
95 Chlorobenzene	112	8.077	8.078	-0.001	93	324342	20.0	18.9	
97 Ethylbenzene	106	8.180	8.180	0.000	99	181736	20.0	18.9	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.203	-0.011	94	116920	20.0	19.3	
98 m-Xylene & p-Xylene	106	8.329	8.329	0.000	97	223892	20.0	18.3	
100 o-Xylene	106	8.763	8.763	0.000	93	217071	20.0	18.7	
99 n-Butyl acrylate	73	8.775	8.775	0.000	96	105008	20.0	20.2	
101 Styrene	104	8.809	8.798	0.011	94	362820	20.0	19.5	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	90	246779	20.0	22.5	
103 Bromoform	173	9.015	9.015	0.000	57	74968	20.0	18.7	
104 Isopropylbenzene	105	9.140	9.140	0.000	96	560216	20.0	19.5	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	228690	50.0	52.2	
107 Bromobenzene	156	9.472	9.472	0.000	98	131639	20.0	20.4	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	149115	20.0	19.7	
109 N-Propylbenzene	91	9.540	9.541	-0.001	99	687826	20.0	20.6	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	98	41305	20.0	19.0	
112 trans-1,4-Dichloro-2-butene	53	9.598	9.598	0.000	81	42683	20.0	21.4	a
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	448878	20.0	19.9	
113 4-Ethyltoluene	105	9.655	9.655	0.000	98	566994	20.0	21.0	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	439892	20.0	19.1	
110 4-Chlorotoluene	91	9.758	9.758	0.000	98	435168	20.0	19.8	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	152772	20.0	19.5	
118 tert-Butylbenzene	119	9.986	9.986	0.000	93	374686	20.0	19.5	
119 1,2,4-Trimethylbenzene	105	10.055	10.055	0.000	98	440865	20.0	18.9	
120 sec-Butylbenzene	105	10.181	10.181	0.000	99	557073	20.0	20.6	
121 4-Isopropyltoluene	119	10.318	10.306	0.012	97	446687	20.0	19.4	
122 1,3-Dichlorobenzene	146	10.318	10.318	0.000	77	239503	20.0	19.3	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	233729	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	92	239499	20.0	19.1	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	452162	20.0	19.2	
125 Benzyl chloride	91	10.523	10.523	0.000	98	308591	20.0	22.4	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	95	462798	20.0	20.2	
126 p-Diethylbenzene	119	10.626	10.626	0.000	94	269982	20.0	19.3	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	208225	20.0	18.8	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	95	226951	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	98	416414	20.0	20.7	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	94	28827	20.0	18.3	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	155675	20.0	20.2	
131 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	93	133639	20.0	19.4	
133 Hexachlorobutadiene	225	11.986	11.986	0.000	92	56618	20.0	21.1	
134 Naphthalene	128	12.089	12.089	0.000	99	357345	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	95	125403	20.0	19.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 137 Xylenes, Total	100				0		40.0	37.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	37.4	
S 139 Total BTEX	1				0		100.0	92.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

7 Freons SS_00009	Amount Added:	20.00	Units: uL	
GAS C SP_00548	Amount Added:	20.00	Units: uL	
8260 SP_00175	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00160	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 08-Jan-2024 11:53:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49198.D

Injection Date: 05-Jan-2024 09:46:30 Instrument ID: CVOAMS7

Lims ID: ICV

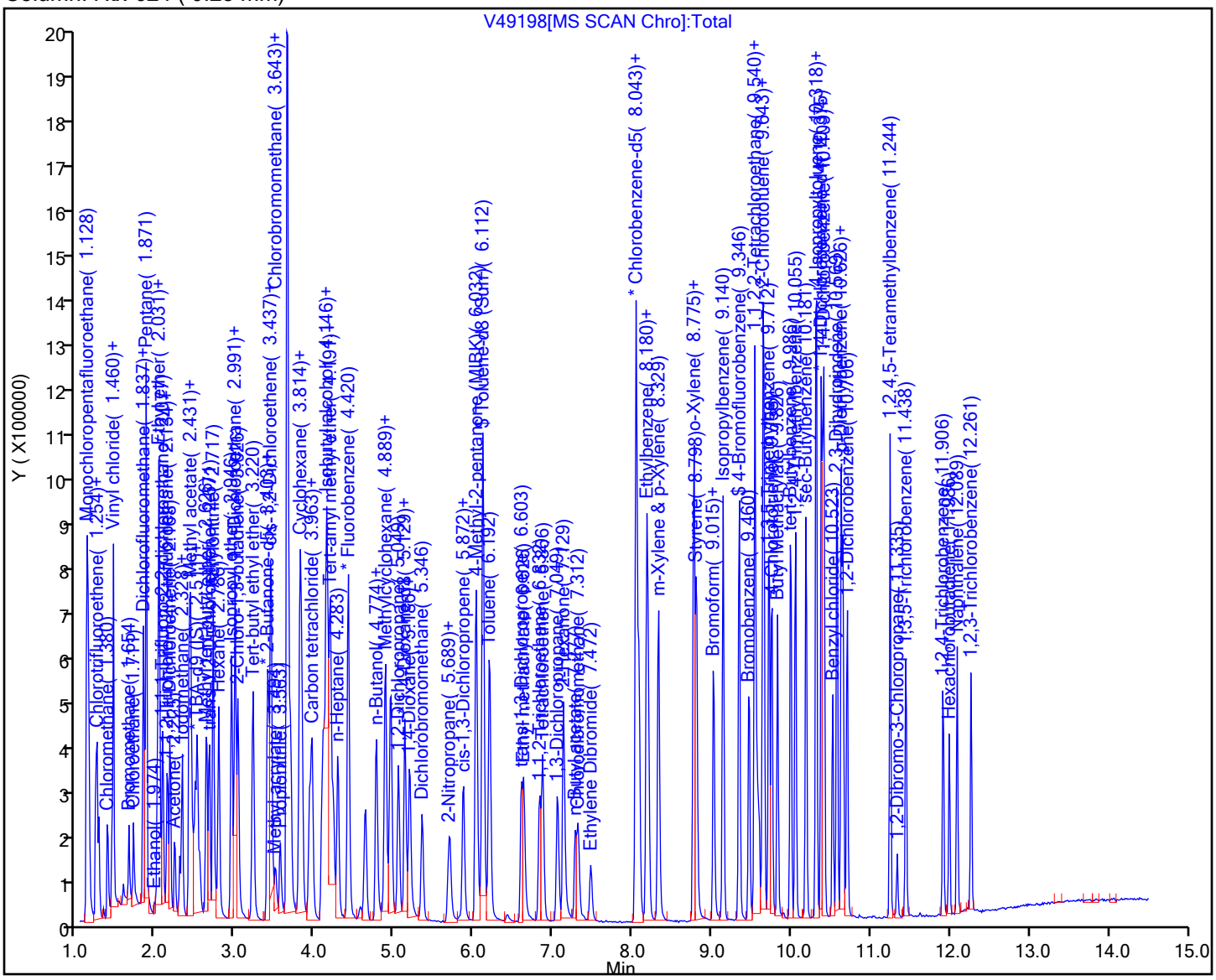
Client ID:

Operator ID: ALS Bottle#: 67 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

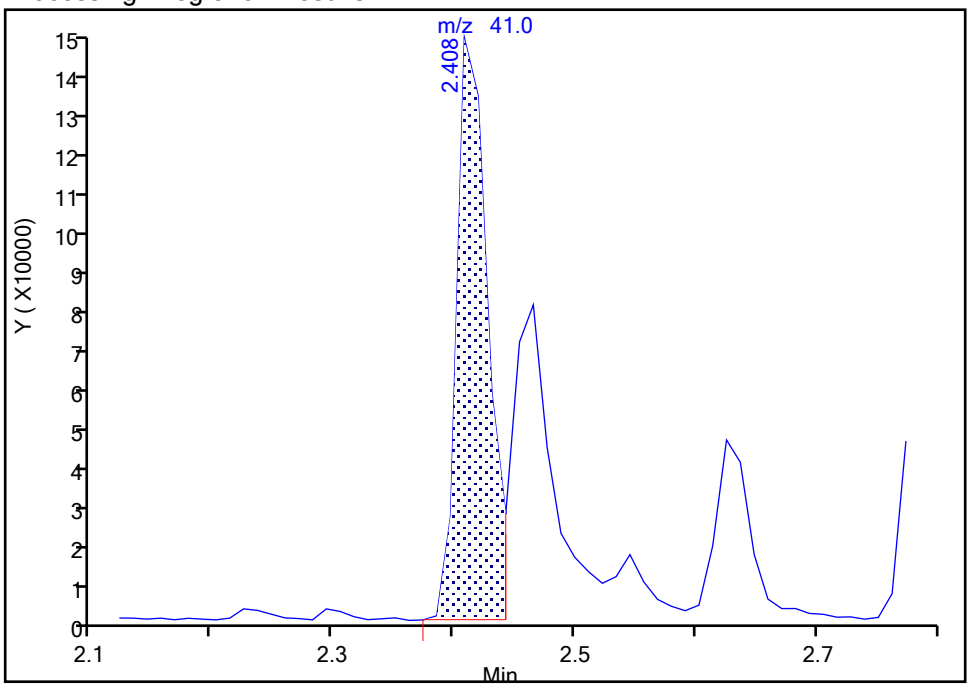
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49198.D
Injection Date: 05-Jan-2024 09:46:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

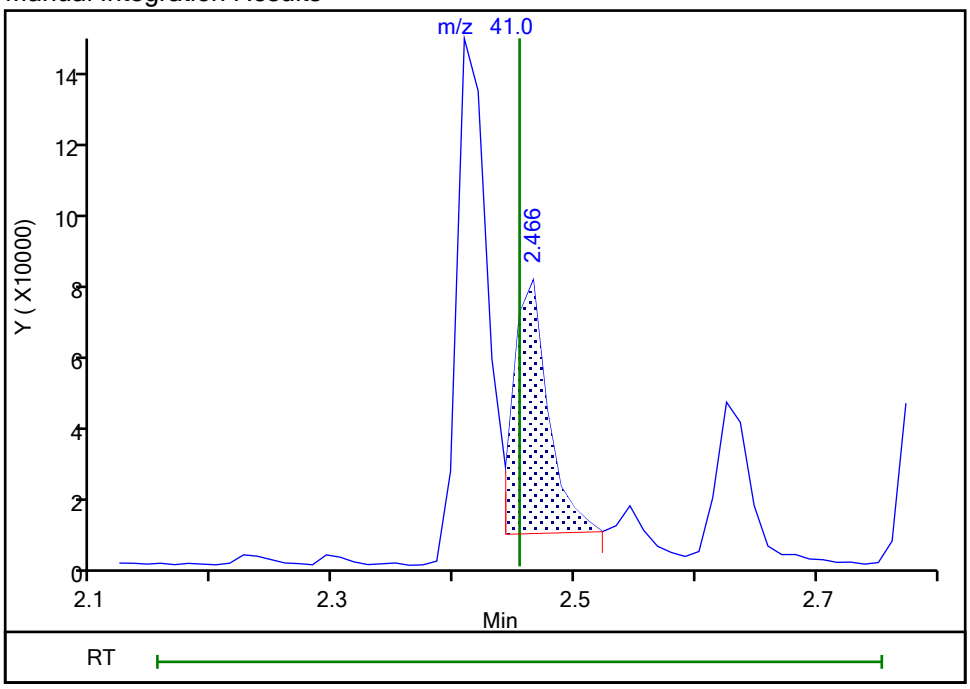
Processing Integration Results

RT: 2.41
Area: 263595
Amount: 370.8029
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 140436
Amount: 197.5533
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:29:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

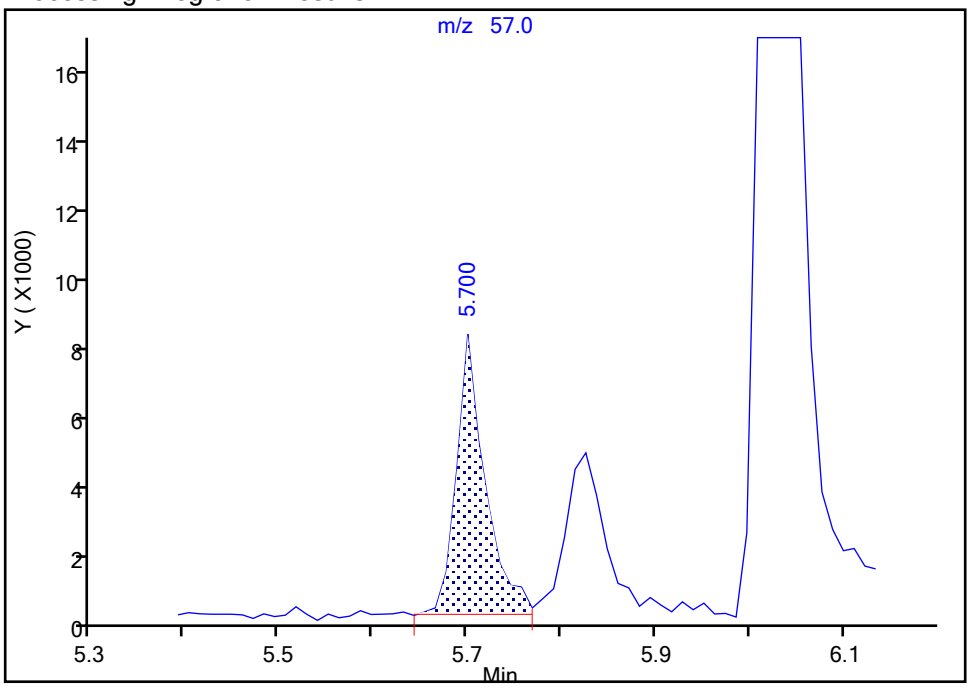
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49198.D
Injection Date: 05-Jan-2024 09:46:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

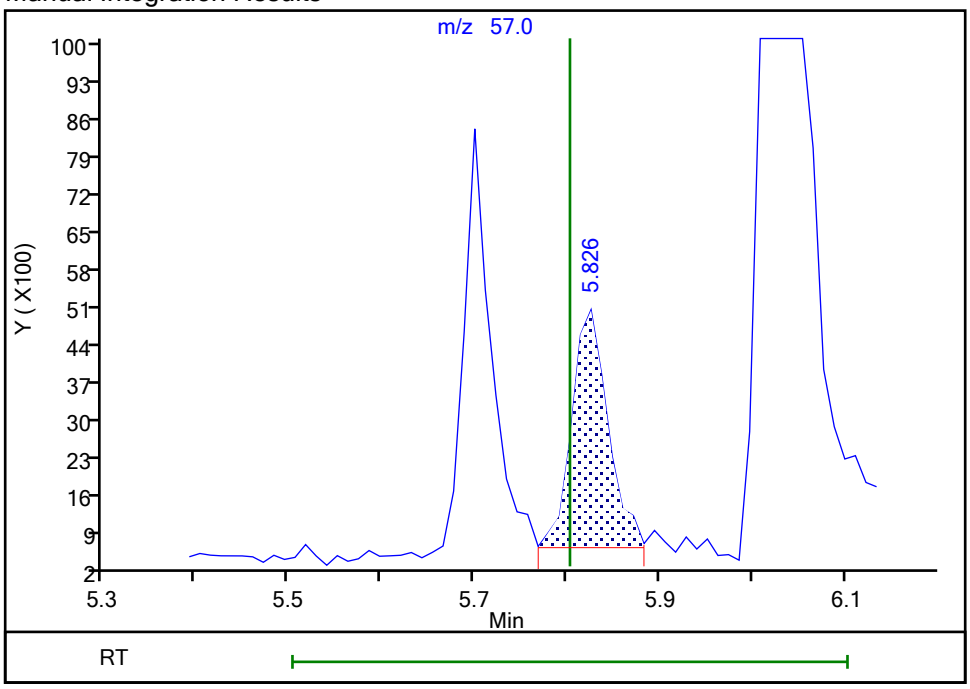
Processing Integration Results

RT: 5.70
Area: 17152
Amount: 28.201991
Amount Units: ug/l



Manual Integration Results

RT: 5.83
Area: 11867
Amount: 19.512187
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:46:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

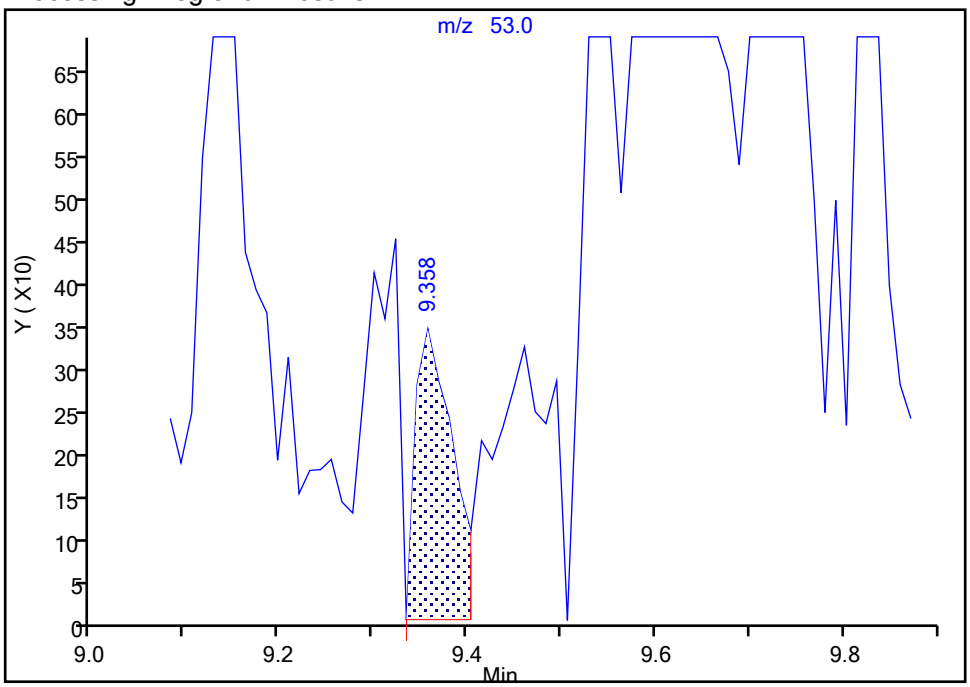
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49198.D
Injection Date: 05-Jan-2024 09:46:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 67 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

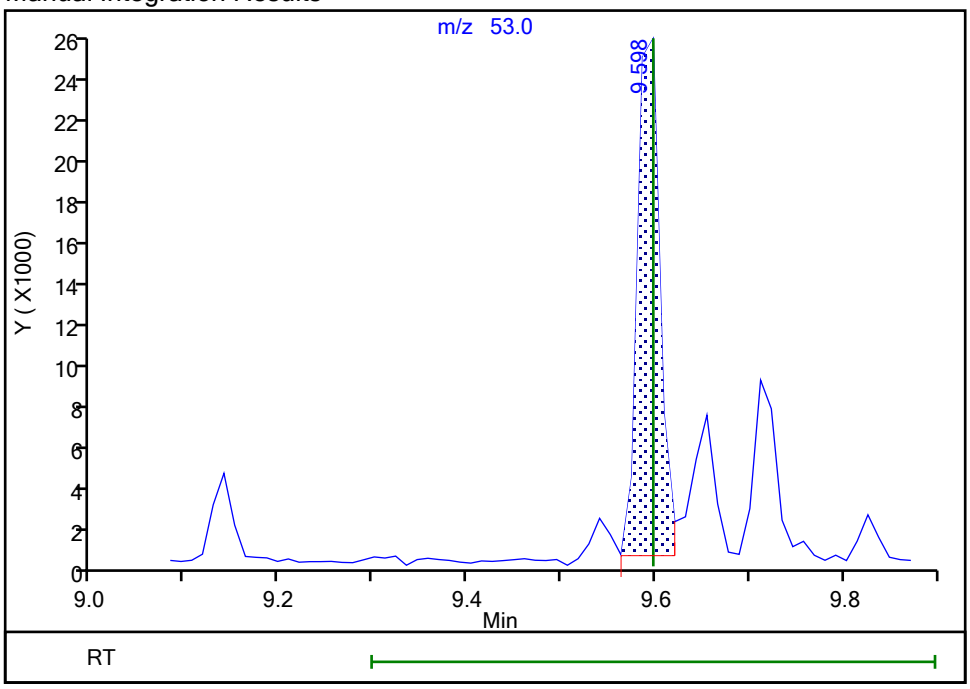
Processing Integration Results

RT: 9.36
Area: 956
Amount: 0.479661
Amount Units: ug/l



Manual Integration Results

RT: 9.60
Area: 42683
Amount: 21.415663
Amount Units: ug/l



Reviewer: W9CM, 05-Jan-2024 13:30:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958087/2 Calibration Date: 02/06/2024 07:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50147.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0141	0.0271		38.5	20.0	92.5*	20.0
Chlorotrifluoroethene	Ave	0.0942	0.1005		21.3	20.0	6.7	20.0
1,1-Difluoroethane	Ave	0.2109	0.2400		22.8	20.0	13.8	20.0
Dichlorodifluoromethane	Ave	0.5419	0.5821	0.1000	21.5	20.0	7.4	20.0
Chlorodifluoromethane	Ave	0.0897	0.0975		21.7	20.0	8.6	20.0
Chloromethane	Ave	0.6324	0.8413	0.1000	26.6	20.0	33.0*	20.0
Vinyl chloride	Ave	0.6565	0.7827	0.1000	23.8	20.0	19.2	20.0
Butadiene	Ave	0.6174	0.8010		25.9	20.0	29.7*	20.0
Bromomethane	Ave	0.3050	0.2632	0.1000	17.3	20.0	-13.7	50.0
Chloroethane	Ave	0.4043	0.4744	0.1000	23.5	20.0	17.3	50.0
Dichlorofluoromethane	Ave	1.005	1.077		21.4	20.0	7.2	20.0
Trichlorofluoromethane	Ave	0.6518	0.6884	0.1000	21.1	20.0	5.6	20.0
Pentane	Ave	0.0789	0.0760		38.6	40.0	-3.6	20.0
Ethanol	Ave	0.5916	0.7299		987	800	23.4	50.0
Ethyl ether	Lin2		0.2811		20.3	20.0	1.4	20.0
2-Methyl-1,3-butadiene	Ave	0.4799	0.5011		20.9	20.0	4.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3764	0.3183		16.9	20.0	-15.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6090	0.6592		21.7	20.0	8.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4040	0.4044	0.1000	20.0	20.0	0.1	20.0
Acrolein	QuaF		0.0443		45.4	40.0	13.4	50.0
1,1-Dichloroethene	Ave	0.4003	0.3783	0.1000	18.9	20.0	-5.5	20.0
Acetone	QuaF		1.358	0.0500	106	100	6.1	50.0
Iodomethane	QuaF		0.2938		13.3	20.0	-33.6*	20.0
Isopropyl alcohol	Ave	7.770	8.006		206	200	3.0	50.0
Carbon disulfide	Ave	1.558	1.301	0.1000	16.7	20.0	-16.5	50.0
3-Chloro-1-propene	Ave	0.3120	0.3250		20.8	20.0	4.2	20.0
Methyl acetate	Ave	0.3275	0.4565	0.1000	55.8	40.0	39.4*	20.0
Cyclopentene	Ave	1.000	1.077		21.5	20.0	7.7	20.0
Acetonitrile	Ave	0.5017	0.5070		202	200	1.1	20.0
Methylene Chloride	Ave	0.4754	0.4682	0.1000	19.7	20.0	-1.5	20.0
2-Methyl-2-propanol	Ave	15.56	13.04		168	200	-16.1	50.0
Methyl tert-butyl ether	Ave	1.353	1.445	0.1000	21.4	20.0	6.8	20.0
trans-1,2-Dichloroethene	Ave	0.4435	0.4281	0.1000	19.3	20.0	-3.5	20.0
Acrylonitrile	QuaF		0.2171		260	200	29.8*	20.0
Hexane	Ave	0.6092	0.7742		25.4	20.0	27.1*	20.0
Isopropyl ether	Ave	1.671	2.125		25.4	20.0	27.2*	20.0
1,1-Dichloroethane	Ave	0.9188	1.046	0.2000	22.8	20.0	13.9	20.0
Vinyl acetate	Ave	10.12	10.95		43.3	40.0	8.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4195	0.4209		20.1	20.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958087/2 Calibration Date: 02/06/2024 07:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50147.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.535	1.742		22.7	20.0	13.5	20.0
2,2-Dichloropropane	Lin2		0.1609		19.9	20.0	-0.5	20.0
cis-1,2-Dichloroethene	Ave	0.5002	0.4793	0.1000	19.2	20.0	-4.2	20.0
Ethyl acetate	Lin2		0.3954		33.3	40.0	-16.7	20.0
Methyl Ethyl Ketone	Ave	0.5293	0.4447	0.0500	84.0	100	-16.0	50.0
Methyl acrylate	Ave	0.3349	0.4370		26.1	20.0	30.5*	20.0
Propionitrile	Ave	0.0570	0.0752		264	200	31.8*	20.0
Chlorobromomethane	Ave	0.2321	0.2047		17.6	20.0	-11.8	20.0
Methacrylonitrile	Ave	0.1879	0.2300		245	200	22.4*	20.0
Tetrahydrofuran	Ave	0.0600	0.0692		46.1	40.0	15.4	20.0
Chloroform	Ave	0.8425	0.8604	0.2000	20.4	20.0	2.1	20.0
Cyclohexane	Ave	0.6649	0.7287	0.1000	21.9	20.0	9.6	50.0
1,1,1-Trichloroethane	Ave	0.7334	0.6900	0.1000	18.8	20.0	-5.9	20.0
Carbon tetrachloride	Ave	0.6196	0.5619	0.1000	18.1	20.0	-9.3	20.0
1,1-Dichloropropene	Ave	0.6722	0.7311		21.8	20.0	8.8	20.0
Isobutyl alcohol	QuaF		11.33		569	500	13.8	20.0
Isooctane	Ave	1.269	1.621		25.5	20.0	27.7*	20.0
Benzene	Ave	2.752	2.868	0.5000	20.8	20.0	4.2	20.0
Isopropyl acetate	Ave	0.4215	0.4248		20.2	20.0	0.8	20.0
Tert-amyl methyl ether	Ave	1.464	1.516		20.7	20.0	3.6	20.0
1,2-Dichloroethane	Ave	0.6814	0.7279	0.1000	21.4	20.0	6.8	20.0
n-Heptane	Ave	0.2570	0.3512		27.3	20.0	36.6*	20.0
n-Butanol	Lin2F		1.936		358	500	-28.4	50.0
Trichloroethene	Ave	0.4679	0.4797	0.2000	20.5	20.0	2.5	20.0
Methylcyclohexane	Ave	0.7033	0.7802	0.1000	22.2	20.0	10.9	50.0
Ethyl acrylate	Ave	0.0668	0.0699		20.9	20.0	4.7	20.0
1,2-Dichloropropane	Ave	0.5069	0.5622	0.1000	22.2	20.0	10.9	20.0
Methyl methacrylate	Ave	0.1148	0.1131		39.4	40.0	-1.4	20.0
1,4-Dioxane	QuaF		2.460		404	400	1.1	50.0
Dibromomethane	Ave	0.2960	0.2851		19.3	20.0	-3.7	20.0
n-Propyl acetate	Ave	0.6139	0.8187		26.7	20.0	33.4*	20.0
Bromodichloromethane	Ave	0.6347	0.6450	0.2000	20.3	20.0	1.6	20.0
2-Nitropropane	QuaF		0.1488		36.8	40.0	-7.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2478	0.3175		25.7	20.0	28.1*	20.0
Epichlorohydrin	Ave	0.4292	0.4170		389	400	-2.8	20.0
cis-1,3-Dichloropropene	Ave	1.153	1.226	0.2000	21.3	20.0	6.3	50.0
methyl isobutyl ketone	Ave	4.550	4.792	0.0500	105	100	5.3	50.0
Toluene	Ave	2.967	2.776	0.4000	18.7	20.0	-6.4	20.0
trans-1,3-Dichloropropene	Ave	1.052	1.066	0.1000	20.3	20.0	1.4	50.0
Ethyl methacrylate	Ave	0.7797	0.8835		22.7	20.0	13.3	20.0
1,1,2-Trichloroethane	Ave	0.4707	0.5244	0.1000	22.3	20.0	11.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958087/2 Calibration Date: 02/06/2024 07:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50147.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.6196	0.5354	0.2000	17.3	20.0	-13.6	20.0
1,3-Dichloropropane	Ave	1.005	1.102		21.9	20.0	9.7	20.0
2-Hexanone	Ave	2.802	3.130	0.0500	112	100	11.7	50.0
n-Butyl acetate	QuaF		1.359		26.1	20.0	30.5*	20.0
Dibromochloromethane	Ave	0.6143	0.5314	0.1000	17.3	20.0	-13.5	50.0
Ethylene Dibromide	Ave	0.5583	0.5415	0.1000	19.4	20.0	-3.0	20.0
Chlorobenzene	Ave	1.698	1.629	0.5000	19.2	20.0	-4.1	20.0
Ethylbenzene	Ave	0.9517	0.8676	0.1000	18.2	20.0	-8.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5984	0.5282		17.7	20.0	-11.7	20.0
m-Xylene & p-Xylene	Ave	1.207	1.091	0.1000	18.1	20.0	-9.6	20.0
o-Xylene	Ave	1.147	1.076	0.3000	18.8	20.0	-6.2	20.0
n-Butyl acrylate	Ave	0.5144	0.4992		19.4	20.0	-2.9	20.0
Styrene	Ave	1.840	1.724	0.3000	18.7	20.0	-6.3	20.0
Amyl acetate (mixed isomers)	Ave	2.347	3.290		28.0	20.0	40.1*	20.0
Bromoform	Ave	0.3965	0.3282	0.1000	16.6	20.0	-17.2	20.0
Isopropylbenzene	Ave	2.846	2.810	0.1000	19.7	20.0	-1.3	20.0
Bromobenzene	Ave	1.383	1.324		19.2	20.0	-4.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.621	1.746	0.3000	21.5	20.0	7.7	20.0
N-Propylbenzene	Ave	7.139	7.696		21.6	20.0	7.8	20.0
1,2,3-Trichloropropane	Ave	0.4659	0.4376		18.8	20.0	-6.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4264	0.5292		24.8	20.0	24.1*	20.0
2-Chlorotoluene	Ave	4.830	4.967		20.6	20.0	2.8	20.0
4-Ethyltoluene	Ave	5.777	5.862		20.3	20.0	1.5	20.0
1,3,5-Trimethylbenzene	Ave	4.937	4.661		18.9	20.0	-5.6	20.0
4-Chlorotoluene	Ave	4.693	5.192		22.1	20.0	10.6	20.0
Butyl Methacrylate	Ave	1.673	1.592		19.0	20.0	-4.8	20.0
tert-Butylbenzene	Ave	4.118	3.992		19.4	20.0	-3.1	20.0
1,2,4-Trimethylbenzene	Ave	4.992	4.851		19.4	20.0	-2.8	20.0
sec-Butylbenzene	Ave	5.772	5.933		20.6	20.0	2.8	20.0
1,3-Dichlorobenzene	Ave	2.658	2.511	0.6000	18.9	20.0	-5.6	20.0
4-Isopropyltoluene	Ave	4.917	4.671		19.0	20.0	-5.0	20.0
1,4-Dichlorobenzene	Ave	2.676	2.470	0.5000	18.5	20.0	-7.7	20.0
1,2,3-Trimethylbenzene	Ave	5.029	4.906		19.5	20.0	-2.4	20.0
Benzyl chloride	Ave	2.948	3.006		20.4	20.0	2.0	50.0
Indan	Ave	4.896	4.765		19.5	20.0	-2.7	20.0
p-Diethylbenzene	Ave	2.987	2.673		17.9	20.0	-10.5	20.0
n-Butylbenzene	Ave	2.366	2.390		20.2	20.0	1.0	20.0
1,2-Dichlorobenzene	Ave	2.488	2.286	0.4000	18.4	20.0	-8.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.298	4.061		18.9	20.0	-5.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3373	0.2867	0.0500	17.0	20.0	-15.0	50.0
1,3,5-Trichlorobenzene	Ave	1.646	1.534		18.6	20.0	-6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958087/2 Calibration Date: 02/06/2024 07:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50147.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.476	1.348	0.2000	18.3	20.0	-8.7	20.0
Hexachlorobutadiene	Ave	0.5748	0.5488		19.1	20.0	-4.5	20.0
Naphthalene	Ave	3.948	3.699		18.7	20.0	-6.3	50.0
1,2,3-Trichlorobenzene	Ave	1.381	1.241		18.0	20.0	-10.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2673	0.2561		47.9	50.0	-4.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.3485		52.3	50.0	4.5	20.0
Toluene-d8 (Surr)	Ave	1.681	1.692		50.3	50.0	0.6	20.0
4-Bromofluorobenzene	Ave	0.4331	0.4244		49.0	50.0	-2.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50147.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 06-Feb-2024 07:46:30 ALS Bottle#: 52 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0172003-002
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 11:07:20 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: K0HS Date: 06-Feb-2024 08:08:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.128	1.128	0.000	75	7503	20.0	38.5	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	96	27815	20.0	21.3	
4 1,1-Difluoroethane	65	1.242	1.242	0.000	91	66437	20.0	22.8	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	100	161158	20.0	21.5	
2 Chlorodifluoromethane	67	1.277	1.277	0.000	99	26982	20.0	21.7	
6 Chloromethane	50	1.380	1.380	0.000	100	232921	20.0	26.6	
7 Vinyl chloride	62	1.437	1.437	0.000	99	216697	20.0	23.8	
8 Butadiene	54	1.460	1.460	0.000	95	221765	20.0	25.9	
9 Bromomethane	94	1.654	1.654	0.000	97	72865	20.0	17.3	
10 Chloroethane	64	1.711	1.711	0.000	100	131337	20.0	23.5	
11 Dichlorofluoromethane	67	1.825	1.825	0.000	98	298149	20.0	21.4	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	97	190586	20.0	21.1	
13 Pentane	72	1.871	1.871	0.000	97	42104	40.0	38.6	
17 Ethanol	46	1.974	1.974	0.000	98	24949	800.0	987.1	
14 Ethyl ether	74	2.008	2.008	0.000	93	77837	20.0	20.3	
15 2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	97	138722	20.0	20.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.043	0.000	94	88120	20.0	16.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	182505	20.0	21.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	92	111969	20.0	20.0	
52 Acrolein	56	2.145	2.145	0.000	97	24531	40.0	45.4	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	93	104743	20.0	18.9	
23 Acetone	43	2.225	2.225	0.000	84	241015	100.0	106.1	
21 Iodomethane	142	2.294	2.294	0.000	99	81338	20.0	13.3	
24 Isopropyl alcohol	45	2.294	2.294	0.000	76	68410	200.0	206.1	
22 Carbon disulfide	76	2.328	2.328	0.000	100	360123	20.0	16.7	
30 Methyl acetate	43	2.408	2.408	0.000	97	252780	40.0	55.8	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	95	89971	20.0	20.8	
25 Cyclopentene	67	2.431	2.431	0.000	94	298262	20.0	21.5	
27 Acetonitrile	41	2.454	2.454	0.000	96	179916	200.0	202.1	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	42724	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	96	129624	20.0	19.7	
31 2-Methyl-2-propanol	59	2.545	2.545	0.000	98	111464	200.0	167.7	
32 Methyl tert-butyl ether	73	2.625	2.625	0.000	97	400118	20.0	21.4	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	97	118513	20.0	19.3	
35 Acrylonitrile	53	2.717	2.717	0.000	94	600930	200.0	259.5	
36 Hexane	57	2.785	2.785	0.000	94	214327	20.0	25.4	
37 Isopropyl ether	45	2.945	2.945	0.000	95	588221	20.0	25.4	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	99	289611	20.0	22.8	
40 Vinyl acetate	43	2.991	2.991	0.000	100	777101	40.0	43.3	
39 2-Chloro-1,3-butadiene	88	3.025	3.025	0.000	95	116520	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	88	482167	20.0	22.7	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	96	443571	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.414	0.000	94	44547	20.0	19.9	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	78907	100.0	84.0	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	90	132695	20.0	19.2	
47 Ethyl acetate	70	3.437	3.437	0.000	94	28061	40.0	33.3	
46 Methyl acrylate	55	3.494	3.494	0.000	99	120991	20.0	26.1	
48 Propionitrile	54	3.563	3.563	0.000	98	208070	200.0	263.6	
54 Methacrylonitrile	67	3.643	3.643	0.000	98	636675	200.0	244.8	
49 Chlorobromomethane	128	3.643	3.643	0.000	91	56667	20.0	17.6	
50 Tetrahydrofuran	72	3.643	3.643	0.000	57	38332	40.0	46.1	
51 Chloroform	83	3.688	3.688	0.000	96	238203	20.0	20.4	
53 Cyclohexane	84	3.803	3.803	0.000	98	201735	20.0	21.9	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	97	191019	20.0	18.8	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	177269	50.0	47.9	
57 Carbon tetrachloride	117	3.928	3.928	0.000	95	155572	20.0	18.1	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	91	202403	20.0	21.8	
61 Isobutyl alcohol	43	4.088	4.088	0.000	67	241990	500.0	569.0	
64 Isooctane	57	4.100	4.100	0.000	98	448698	20.0	25.5	
59 Benzene	78	4.134	4.134	0.000	98	565517	20.0	20.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	241242	50.0	52.3	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	91	419843	20.0	20.7	
66 Isopropyl acetate	87	4.191	4.191	0.000	95	117594	20.0	20.2	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	201512	20.0	21.4	
65 n-Heptane	57	4.283	4.283	0.000	98	97220	20.0	27.3	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	692132	50.0	50.0	
70 n-Butanol	56	4.763	4.763	0.000	39	41349	500.0	357.8	
69 Trichloroethene	95	4.763	4.763	0.000	93	132797	20.0	20.5	
72 Methylcyclohexane	83	4.877	4.877	0.000	81	216004	20.0	22.2	
71 Ethyl acrylate	99	4.889	4.889	0.000	94	19352	20.0	20.9	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	87	155660	20.0	22.2	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	52	24884	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	62649	40.0	39.4	
78 1,4-Dioxane	88	5.174	5.174	0.000	80	24487	400.0	404.4	
75 Dibromomethane	93	5.186	5.186	0.000	92	78919	20.0	19.3	
77 n-Propyl acetate	43	5.186	5.186	0.000	98	226670	20.0	26.7	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	178562	20.0	20.3	
34 2-Nitropropane	41	5.677	5.677	0.000	95	82389	40.0	36.8	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	92	88109	20.0	25.7	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	295956	400.0	388.6	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	241696	20.0	21.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.020	0.000	99	850190	100.0	105.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	834067	50.0	50.3	
83 Toluene	91	6.192	6.192	0.000	93	547424	20.0	18.7	
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	96	210221	20.0	20.3	
86 Ethyl methacrylate	69	6.626	6.626	0.000	94	174217	20.0	22.7	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	92	103407	20.0	22.3	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	105565	20.0	17.3	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	217373	20.0	21.9	
91 2-Hexanone	43	7.129	7.129	0.000	98	555415	100.0	111.7	
92 n-Butyl acetate	43	7.277	7.277	0.000	97	268012	20.0	26.1	
90 Chlorodibromomethane	129	7.312	7.312	0.000	94	104783	20.0	17.3	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	106785	20.0	19.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	492964	50.0	50.0	
95 Chlorobenzene	112	8.077	8.077	0.000	89	321232	20.0	19.2	
97 Ethylbenzene	106	8.180	8.180	0.000	99	171084	20.0	18.2	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	91	104144	20.0	17.7	
98 m-Xylene & p-Xylene	106	8.317	8.317	0.000	99	215207	20.0	18.1	
100 o-Xylene	106	8.763	8.763	0.000	92	212102	20.0	18.8	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	98438	20.0	19.4	
101 Styrene	104	8.798	8.798	0.000	92	339890	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	88	298674	20.0	28.0	
103 Bromoform	173	9.015	9.015	0.000	52	64723	20.0	16.6	
104 Isopropylbenzene	105	9.140	9.140	0.000	97	554080	20.0	19.7	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	209209	50.0	49.0	
107 Bromobenzene	156	9.460	9.460	0.000	90	120240	20.0	19.2	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	158534	20.0	21.5	
109 N-Propylbenzene	91	9.540	9.540	0.000	98	698740	20.0	21.6	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	95	39734	20.0	18.8	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	87	48053	20.0	24.8	
114 2-Chlorotoluene	91	9.643	9.643	0.000	96	450996	20.0	20.6	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	532279	20.0	20.3	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	91	423215	20.0	18.9	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	471402	20.0	22.1	
117 Butyl Methacrylate	87	9.826	9.826	0.000	97	144576	20.0	19.0	
118 tert-Butylbenzene	119	9.986	9.986	0.000	91	362462	20.0	19.4	
119 1,2,4-Trimethylbenzene	105	10.043	10.043	0.000	99	440481	20.0	19.4	
120 sec-Butylbenzene	105	10.180	10.180	0.000	98	538732	20.0	20.6	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	73	227945	20.0	18.9	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	96	424119	20.0	19.0	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	226990	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	90	224291	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	445451	20.0	19.5	
125 Benzyl chloride	91	10.523	10.523	0.000	97	272955	20.0	20.4	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	93	432644	20.0	19.5	
126 p-Diethylbenzene	119	10.626	10.626	0.000	91	242702	20.0	17.9	
127 n-Butylbenzene	92	10.649	10.649	0.000	97	216958	20.0	20.2	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	93	207524	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	11.243	11.243	0.000	97	368696	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	89	26033	20.0	17.0	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	95	139297	20.0	18.6	
131 1,2,4-Trichlorobenzene	180	11.906	11.906	0.000	93	122434	20.0	18.3	
133 Hexachlorobutadiene	225	11.986	11.986	0.000	92	49833	20.0	19.1	
134 Naphthalene	128	12.089	12.089	0.000	99	335881	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	94	112687	20.0	18.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	
S 137 Xylenes, Total	100				0		40.0	36.8	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.5	
S 139 Total BTEX	1				0		100.0	94.6	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added:	20.00	Units: uL	
ACROLEIN W_00165	Amount Added:	4.00	Units: uL	
524FREONS_00014	Amount Added:	20.00	Units: uL	
GASES Li_00570	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00243	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 06-Feb-2024 11:07:21 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50147.D

Injection Date: 06-Feb-2024 07:46:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

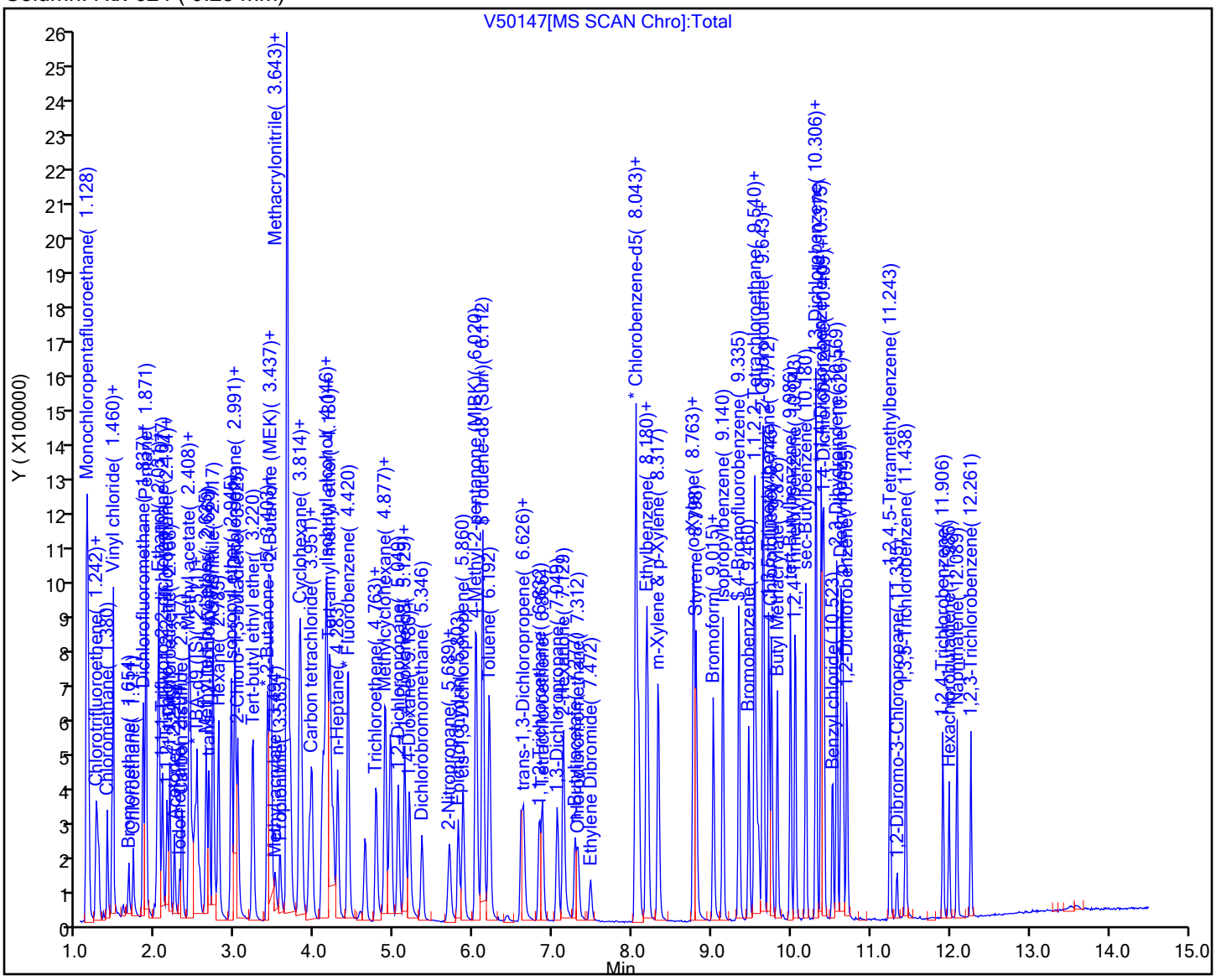
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

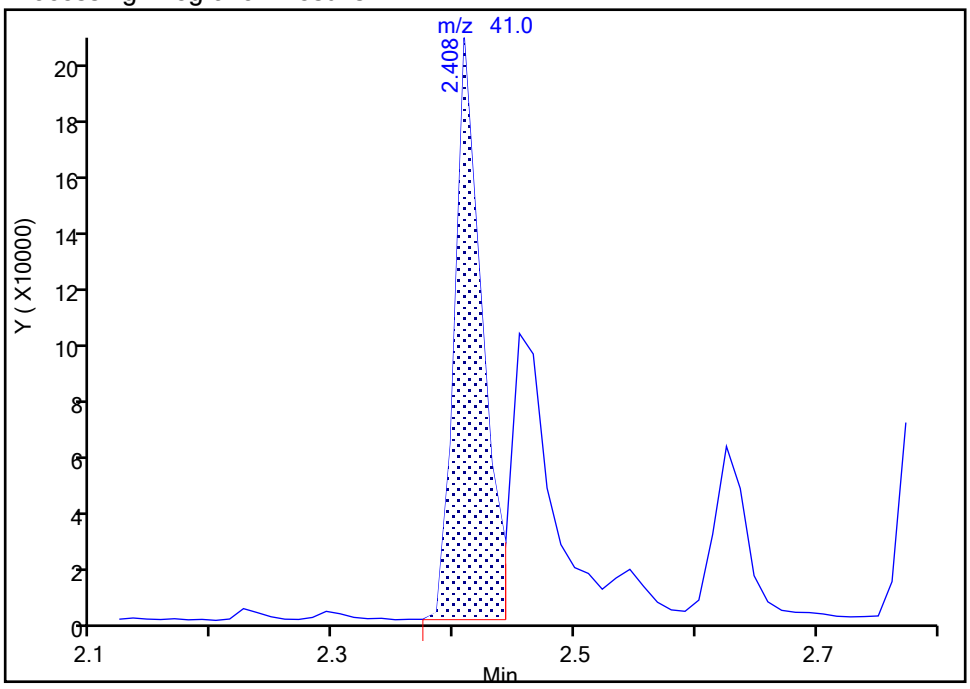
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50147.D
Injection Date: 06-Feb-2024 07:46:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

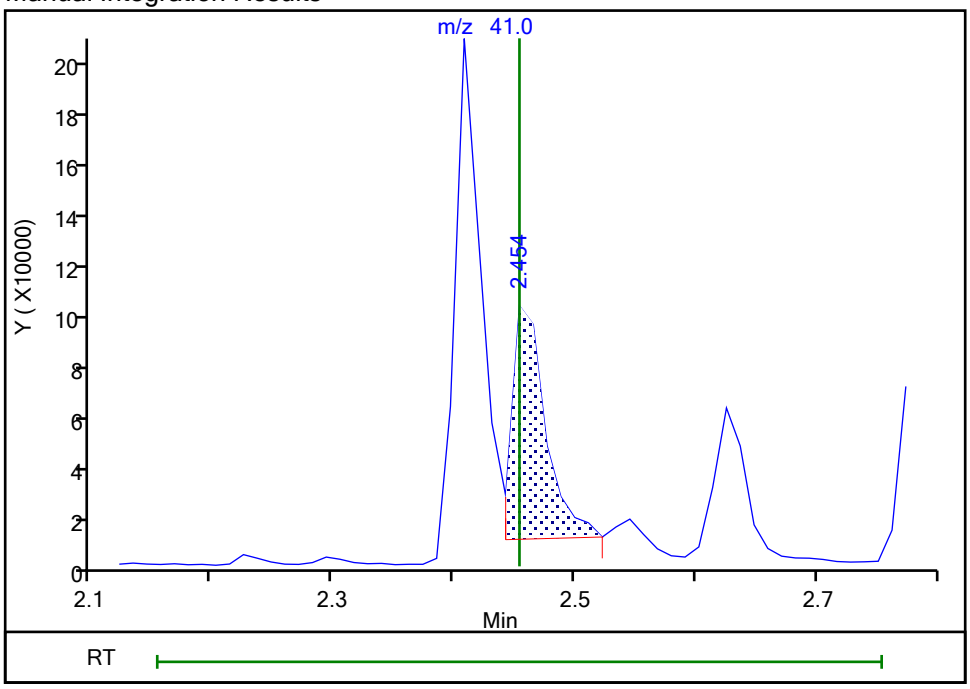
Processing Integration Results

RT: 2.41
Area: 335094
Amount: 376.4572
Amount Units: ug/l



Manual Integration Results

RT: 2.45
Area: 179916
Amount: 202.1244
Amount Units: ug/l



Reviewer: K0HS, 06-Feb-2024 08:08:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Shouldering

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958316/3 Calibration Date: 02/07/2024 08:10

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50212.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0141	0.0276		39.3	20.0	96.4*	20.0
Chlorotrifluoroethene	Ave	0.0942	0.1244		26.4	20.0	32.1*	20.0
1,1-Difluoroethane	Ave	0.2109	0.2349		22.3	20.0	11.4	20.0
Dichlorodifluoromethane	Ave	0.5419	0.5594	0.1000	20.6	20.0	3.2	20.0
Chlorodifluoromethane	Ave	0.0897	0.0972		21.7	20.0	8.3	20.0
Chloromethane	Ave	0.6324	0.7124	0.1000	22.5	20.0	12.7	20.0
Vinyl chloride	Ave	0.6565	0.6732	0.1000	20.5	20.0	2.5	20.0
Butadiene	Ave	0.6174	0.7369		23.9	20.0	19.4	20.0
Bromomethane	Ave	0.3050	0.2462	0.1000	16.1	20.0	-19.3	50.0
Chloroethane	Ave	0.4043	0.4147	0.1000	20.5	20.0	2.6	50.0
Dichlorofluoromethane	Ave	1.005	1.051		20.9	20.0	4.6	20.0
Trichlorofluoromethane	Ave	0.6518	0.7517	0.1000	23.1	20.0	15.3	20.0
Pentane	Ave	0.0789	0.0914		46.4	40.0	15.9	20.0
Ethanol	Ave	0.5916	0.6144		831	800	3.9	50.0
Ethyl ether	Lin2		0.3051		22.0	20.0	10.2	20.0
2-Methyl-1,3-butadiene	Ave	0.4799	0.5678		23.7	20.0	18.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3764	0.3735		19.8	20.0	-0.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6090	0.6754		22.2	20.0	10.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4040	0.4554	0.1000	22.5	20.0	12.7	20.0
Acrolein	QuaF		0.0451		46.2	40.0	15.4	50.0
1,1-Dichloroethene	Ave	0.4003	0.4547	0.1000	22.7	20.0	13.6	20.0
Acetone	QuaF		1.551	0.0500	121	100	21.5	50.0
Iodomethane	QuaF		0.4083		18.5	20.0	-7.5	20.0
Isopropyl alcohol	Ave	7.770	8.235		212	200	6.0	50.0
Carbon disulfide	Ave	1.558	1.569	0.1000	20.1	20.0	0.7	50.0
3-Chloro-1-propene	Ave	0.3120	0.3313		21.2	20.0	6.2	20.0
Methyl acetate	Ave	0.3275	0.4607	0.1000	56.3	40.0	40.6*	20.0
Cyclopentene	Ave	1.000	1.178		23.6	20.0	17.8	20.0
Acetonitrile	Ave	0.5017	0.5554		221	200	10.7	20.0
Methylene Chloride	Ave	0.4754	0.5179	0.1000	21.8	20.0	9.0	20.0
2-Methyl-2-propanol	Ave	15.56	13.53		174	200	-13.0	50.0
Methyl tert-butyl ether	Ave	1.353	1.539	0.1000	22.7	20.0	13.7	20.0
trans-1,2-Dichloroethene	Ave	0.4435	0.4996	0.1000	22.5	20.0	12.7	20.0
Acrylonitrile	QuaF		0.2132		255	200	27.5*	20.0
Hexane	Ave	0.6092	0.8573		28.1	20.0	40.7*	20.0
Isopropyl ether	Ave	1.671	2.151		25.8	20.0	28.8*	20.0
1,1-Dichloroethane	Ave	0.9188	1.089	0.2000	23.7	20.0	18.5	20.0
Vinyl acetate	Ave	10.12	13.29		52.5	40.0	31.4*	20.0
2-Chloro-1,3-butadiene	Ave	0.4195	0.4855		23.1	20.0	15.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958316/3 Calibration Date: 02/07/2024 08:10

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50212.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.535	1.781		23.2	20.0	16.0	20.0
2,2-Dichloropropane	Lin2		0.1806		22.4	20.0	11.9	20.0
cis-1,2-Dichloroethene	Ave	0.5002	0.5475	0.1000	21.9	20.0	9.5	20.0
Ethyl acetate	Lin2		0.4797		40.2	40.0	0.5	20.0
Methyl Ethyl Ketone	Ave	0.5293	0.5083	0.0500	96.0	100	-4.0	50.0
Methyl acrylate	Ave	0.3349	0.4470		26.7	20.0	33.5*	20.0
Propionitrile	Ave	0.0570	0.0713		250	200	24.9*	20.0
Chlorobromomethane	Ave	0.2321	0.2437		21.0	20.0	5.0	20.0
Methacrylonitrile	Ave	0.1879	0.2252		240	200	19.9	20.0
Tetrahydrofuran	Ave	0.0600	0.0644		42.9	40.0	7.3	20.0
Chloroform	Ave	0.8425	0.9011	0.2000	21.4	20.0	7.0	20.0
Cyclohexane	Ave	0.6649	0.8004	0.1000	24.1	20.0	20.4	50.0
1,1,1-Trichloroethane	Ave	0.7334	0.7950	0.1000	21.7	20.0	8.4	20.0
Carbon tetrachloride	Ave	0.6196	0.6523	0.1000	21.1	20.0	5.3	20.0
1,1-Dichloropropene	Ave	0.6722	0.7975		23.7	20.0	18.6	20.0
Isobutyl alcohol	QuaF		12.49		628	500	25.6*	20.0
Isooctane	Ave	1.269	1.627		25.6	20.0	28.2*	20.0
Benzene	Ave	2.752	3.061	0.5000	22.2	20.0	11.2	20.0
Isopropyl acetate	Ave	0.4215	0.4469		21.2	20.0	6.0	20.0
Tert-amyl methyl ether	Ave	1.464	1.569		21.4	20.0	7.2	20.0
1,2-Dichloroethane	Ave	0.6814	0.7599	0.1000	22.3	20.0	11.5	20.0
n-Heptane	Ave	0.2570	0.3630		28.2	20.0	41.2*	20.0
n-Butanol	Lin2F		1.720		318	500	-36.4	50.0
Trichloroethene	Ave	0.4679	0.5307	0.2000	22.7	20.0	13.4	20.0
Methylcyclohexane	Ave	0.7033	0.8498	0.1000	24.2	20.0	20.8	50.0
Ethyl acrylate	Ave	0.0668	0.0684		20.5	20.0	2.4	20.0
1,2-Dichloropropane	Ave	0.5069	0.5714	0.1000	22.5	20.0	12.7	20.0
Methyl methacrylate	Ave	0.1148	0.1247		43.5	40.0	8.6	20.0
1,4-Dioxane	QuaF		2.695		442	400	10.4	50.0
Dibromomethane	Ave	0.2960	0.3056		20.7	20.0	3.3	20.0
n-Propyl acetate	Ave	0.6139	0.8221		26.8	20.0	33.9*	20.0
Bromodichloromethane	Ave	0.6347	0.6584	0.2000	20.7	20.0	3.7	20.0
2-Nitropropane	QuaF		0.1443		35.7	40.0	-10.7	20.0
2-Chloroethyl vinyl ether	Ave	0.2478	0.3177		25.7	20.0	28.2*	20.0
Epichlorohydrin	Ave	0.4292	0.4639		432	400	8.1	20.0
cis-1,3-Dichloropropene	Ave	1.153	1.225	0.2000	21.3	20.0	6.3	50.0
methyl isobutyl ketone	Ave	4.550	5.610	0.0500	123	100	23.3	50.0
Toluene	Ave	2.967	3.062	0.4000	20.6	20.0	3.2	20.0
trans-1,3-Dichloropropene	Ave	1.052	1.046	0.1000	19.9	20.0	-0.5	50.0
Ethyl methacrylate	Ave	0.7797	0.9187		23.6	20.0	17.8	20.0
1,1,2-Trichloroethane	Ave	0.4707	0.5165	0.1000	21.9	20.0	9.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958316/3 Calibration Date: 02/07/2024 08:10

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50212.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.6196	0.6694	0.2000	21.6	20.0	8.0	20.0
1,3-Dichloropropane	Ave	1.005	1.141		22.7	20.0	13.6	20.0
2-Hexanone	Ave	2.802	3.614	0.0500	129	100	29.0	50.0
n-Butyl acetate	QuaF		1.308		25.1	20.0	25.6*	20.0
Dibromochloromethane	Ave	0.6143	0.6011	0.1000	19.6	20.0	-2.1	50.0
Ethylene Dibromide	Ave	0.5583	0.5979	0.1000	21.4	20.0	7.1	20.0
Chlorobenzene	Ave	1.698	1.775	0.5000	20.9	20.0	4.5	20.0
Ethylbenzene	Ave	0.9517	0.9882	0.1000	20.8	20.0	3.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5984	0.6115		20.4	20.0	2.2	20.0
m-Xylene & p-Xylene	Ave	1.207	1.240	0.1000	20.5	20.0	2.7	20.0
o-Xylene	Ave	1.147	1.163	0.3000	20.3	20.0	1.4	20.0
n-Butyl acrylate	Ave	0.5144	0.4914		19.1	20.0	-4.5	20.0
Styrene	Ave	1.840	1.911	0.3000	20.8	20.0	3.9	20.0
Amyl acetate (mixed isomers)	Ave	2.347	3.111		26.5	20.0	32.5*	20.0
Bromoform	Ave	0.3965	0.3587	0.1000	18.1	20.0	-9.5	20.0
Isopropylbenzene	Ave	2.846	3.114	0.1000	21.9	20.0	9.4	20.0
Bromobenzene	Ave	1.383	1.537		22.2	20.0	11.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.621	1.612	0.3000	19.9	20.0	-0.5	20.0
N-Propylbenzene	Ave	7.139	7.868		22.0	20.0	10.2	20.0
1,2,3-Trichloropropane	Ave	0.4659	0.4642		19.9	20.0	-0.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4264	0.3855		18.1	20.0	-9.6	20.0
2-Chlorotoluene	Ave	4.830	5.260		21.8	20.0	8.9	20.0
4-Ethyltoluene	Ave	5.777	6.328		21.9	20.0	9.5	20.0
1,3,5-Trimethylbenzene	Ave	4.937	4.971		20.1	20.0	0.7	20.0
4-Chlorotoluene	Ave	4.693	5.256		22.4	20.0	12.0	20.0
Butyl Methacrylate	Ave	1.673	1.579		18.9	20.0	-5.6	20.0
tert-Butylbenzene	Ave	4.118	4.311		20.9	20.0	4.7	20.0
1,2,4-Trimethylbenzene	Ave	4.992	4.969		19.9	20.0	-0.5	20.0
sec-Butylbenzene	Ave	5.772	6.207		21.5	20.0	7.5	20.0
1,3-Dichlorobenzene	Ave	2.658	2.791	0.6000	21.0	20.0	5.0	20.0
4-Isopropyltoluene	Ave	4.917	5.021		20.4	20.0	2.1	20.0
1,4-Dichlorobenzene	Ave	2.676	2.765	0.5000	20.7	20.0	3.3	20.0
1,2,3-Trimethylbenzene	Ave	5.029	5.188		20.6	20.0	3.2	20.0
Benzyl chloride	Ave	2.948	2.940		19.9	20.0	-0.3	50.0
Indan	Ave	4.896	5.030		20.5	20.0	2.7	20.0
p-Diethylbenzene	Ave	2.987	2.888		19.3	20.0	-3.3	20.0
n-Butylbenzene	Ave	2.366	2.388		20.2	20.0	0.9	20.0
1,2-Dichlorobenzene	Ave	2.488	2.613	0.4000	21.0	20.0	5.0	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.298	4.319		20.1	20.0	0.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3373	0.2895	0.0500	17.2	20.0	-14.2	50.0
1,3,5-Trichlorobenzene	Ave	1.646	1.785		21.7	20.0	8.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958316/3 Calibration Date: 02/07/2024 08:10

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50212.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.476	1.486	0.2000	20.1	20.0	0.7	20.0
Hexachlorobutadiene	Ave	0.5748	0.6991		24.3	20.0	21.6*	20.0
Naphthalene	Ave	3.948	4.221		21.4	20.0	6.9	50.0
1,2,3-Trichlorobenzene	Ave	1.381	1.446		20.9	20.0	4.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2673	0.2782		52.0	50.0	4.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3334	0.3359		50.4	50.0	0.7	20.0
Toluene-d8 (Surr)	Ave	1.681	1.720		51.2	50.0	2.3	20.0
4-Bromofluorobenzene	Ave	0.4331	0.4842		55.9	50.0	11.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50212.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2024 08:10:30 ALS Bottle#: 53 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0172054-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:28:32 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:28:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.117	1.117	0.000	47	8600	20.0	39.3	a
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	97	38685	20.0	26.4	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	92	73067	20.0	22.3	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	99	174006	20.0	20.6	
2 Chlorodifluoromethane	67	1.277	1.277	0.000	100	30237	20.0	21.7	
6 Chloromethane	50	1.380	1.380	0.000	99	221595	20.0	22.5	
7 Vinyl chloride	62	1.437	1.437	0.000	100	209393	20.0	20.5	
8 Butadiene	54	1.460	1.460	0.000	94	229203	20.0	23.9	
9 Bromomethane	94	1.654	1.654	0.000	99	76594	20.0	16.1	
10 Chloroethane	64	1.711	1.711	0.000	100	129003	20.0	20.5	
11 Dichlorofluoromethane	67	1.837	1.837	0.000	99	326943	20.0	20.9	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	98	233803	20.0	23.1	
13 Pentane	72	1.871	1.871	0.000	97	56860	40.0	46.4	
17 Ethanol	46	1.986	1.986	0.000	96	19270	800.0	830.8	
14 Ethyl ether	74	2.008	2.008	0.000	93	94902	20.0	22.0	
15 2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	97	176615	20.0	23.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.043	0.000	92	116166	20.0	19.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	99	210081	20.0	22.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	95	141659	20.0	22.5	
52 Acrolein	56	2.146	2.146	0.000	45	28053	40.0	46.2	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	94	141443	20.0	22.7	
23 Acetone	43	2.226	2.226	0.000	84	256168	100.0	121.5	
21 Iodomethane	142	2.294	2.294	0.000	99	127005	20.0	18.5	
24 Isopropyl alcohol	45	2.294	2.294	0.000	98	64576	200.0	212.0	
22 Carbon disulfide	76	2.328	2.328	0.000	100	488164	20.0	20.1	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	90	103043	20.0	21.2	
30 Methyl acetate	43	2.408	2.408	0.000	98	286579	40.0	56.3	
25 Cyclopentene	67	2.431	2.431	0.000	96	366367	20.0	23.6	
27 Acetonitrile	41	2.466	2.466	0.000	98	183447	200.0	221.4	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	39208	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.511	2.511	0.000	98	161102	20.0	21.8	
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	99	106082	200.0	173.9	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	478690	20.0	22.7	
33 trans-1,2-Dichloroethene	96	2.671	2.671	0.000	99	155414	20.0	22.5	
35 Acrylonitrile	53	2.717	2.717	0.000	93	663170	200.0	254.9	
36 Hexane	57	2.786	2.786	0.000	95	266675	20.0	28.1	
37 Isopropyl ether	45	2.946	2.946	0.000	99	669144	20.0	25.8	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	99	338685	20.0	23.7	
40 Vinyl acetate	43	2.991	2.991	0.000	100	878185	40.0	52.5	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	95	151000	20.0	23.1	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	88	554043	20.0	23.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	412877	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.414	0.000	95	56179	20.0	22.4	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	92	170300	20.0	21.9	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	83954	100.0	96.0	
47 Ethyl acetate	70	3.437	3.437	0.000	94	31689	40.0	40.2	
46 Methyl acrylate	55	3.494	3.494	0.000	99	139025	20.0	26.7	
48 Propionitrile	54	3.563	3.563	0.000	98	221653	200.0	249.9	
50 Tetrahydrofuran	72	3.643	3.643	0.000	68	40046	40.0	42.9	
54 Methacrylonitrile	67	3.643	3.643	0.000	97	700499	200.0	239.8	
49 Chlorobromomethane	128	3.643	3.643	0.000	95	75817	20.0	21.0	
51 Chloroform	83	3.689	3.689	0.000	97	280279	20.0	21.4	
53 Cyclohexane	84	3.803	3.803	0.000	98	248965	20.0	24.1	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	247282	20.0	21.7	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	216357	50.0	52.0	
57 Carbon tetrachloride	117	3.929	3.929	0.000	96	202907	20.0	21.1	
58 1,1-Dichloropropene	75	3.963	3.963	0.000	92	248066	20.0	23.7	
61 Isobutyl alcohol	43	4.100	4.100	0.000	94	244855	500.0	627.8	
64 Isooctane	57	4.100	4.100	0.000	98	506180	20.0	25.6	
59 Benzene	78	4.134	4.134	0.000	98	680861	20.0	22.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	261204	50.0	50.4	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	92	488112	20.0	21.4	
66 Isopropyl acetate	87	4.191	4.191	0.000	94	139019	20.0	21.2	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	236352	20.0	22.3	
65 n-Heptane	57	4.283	4.283	0.000	99	112909	20.0	28.2	
* 67 Fluorobenzene	96	4.420	4.420	0.000	98	777619	50.0	50.0	
70 n-Butanol	56	4.763	4.763	0.000	31	33723	500.0	318.0	
69 Trichloroethene	95	4.774	4.774	0.000	97	165066	20.0	22.7	
72 Methylcyclohexane	83	4.877	4.877	0.000	82	264315	20.0	24.2	
71 Ethyl acrylate	99	4.889	4.889	0.000	94	21270	20.0	20.5	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	87	177732	20.0	22.5	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	54	17870	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	95	77571	40.0	43.5	
78 1,4-Dioxane	88	5.174	5.174	0.000	84	19261	400.0	441.8	
75 Dibromomethane	93	5.186	5.186	0.000	95	95057	20.0	20.7	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	255712	20.0	26.8	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	204801	20.0	20.7	
34 2-Nitropropane	41	5.677	5.677	0.000	92	89797	40.0	35.7	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	92	99047	20.0	25.7	
80 Epichlorohydrin	57	5.803	5.803	0.000	99	306427	400.0	432.3	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	272510	20.0	21.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.032	6.032	0.000	99	926510	100.0	123.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	956512	50.0	51.2	
83 Toluene	91	6.192	6.192	0.000	93	681078	20.0	20.6	
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	97	232770	20.0	19.9	
86 Ethyl methacrylate	69	6.626	6.626	0.000	93	204347	20.0	23.6	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	93	114893	20.0	21.9	
88 Tetrachloroethene	166	6.866	6.866	0.000	95	148889	20.0	21.6	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	98	253884	20.0	22.7	
91 2-Hexanone	43	7.129	7.129	0.000	98	596932	100.0	129.0	
92 n-Butyl acetate	43	7.277	7.277	0.000	98	291009	20.0	25.1	
90 Chlorodibromomethane	129	7.312	7.312	0.000	98	133702	20.0	19.6	
93 Ethylene Dibromide	107	7.472	7.472	0.000	99	132997	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	89	556075	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	91	394897	20.0	20.9	
97 Ethylbenzene	106	8.180	8.180	0.000	99	219808	20.0	20.8	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	91	136023	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.318	8.318	0.000	98	275789	20.0	20.5	
100 o-Xylene	106	8.763	8.763	0.000	92	258776	20.0	20.3	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	109300	20.0	19.1	
101 Styrene	104	8.798	8.798	0.000	93	425052	20.0	20.8	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	88	328774	20.0	26.5	
103 Bromoform	173	9.015	9.015	0.000	52	79778	20.0	18.1	
104 Isopropylbenzene	105	9.141	9.141	0.000	97	692637	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	269227	50.0	55.9	
107 Bromobenzene	156	9.461	9.461	0.000	95	162443	20.0	22.2	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	97	170392	20.0	19.9	
109 N-Propylbenzene	91	9.541	9.541	0.000	98	831511	20.0	22.0	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	96	49059	20.0	19.9	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	88	40737	20.0	18.1	
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	555889	20.0	21.8	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	668784	20.0	21.9	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	525384	20.0	20.1	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	555482	20.0	22.4	
117 Butyl Methacrylate	87	9.826	9.826	0.000	98	166874	20.0	18.9	
118 tert-Butylbenzene	119	9.986	9.986	0.000	93	455637	20.0	20.9	
119 1,2,4-Trimethylbenzene	105	10.043	10.043	0.000	99	525096	20.0	19.9	
120 sec-Butylbenzene	105	10.181	10.181	0.000	98	655963	20.0	21.5	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	74	294934	20.0	21.0	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	530587	20.0	20.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	96	264204	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	92	292184	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	548251	20.0	20.6	
125 Benzyl chloride	91	10.512	10.512	0.000	98	310734	20.0	19.9	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	94	531583	20.0	20.5	
126 p-Diethylbenzene	119	10.626	10.626	0.000	92	305203	20.0	19.3	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	252338	20.0	20.2	
128 1,2-Dichlorobenzene	146	10.695	10.695	0.000	94	276171	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	456432	20.0	20.1	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	91	30590	20.0	17.2	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	95	188667	20.0	21.7	
131 1,2,4-Trichlorobenzene	180	11.907	11.907	0.000	94	157070	20.0	20.1	
133 Hexachlorobutadiene	225	11.987	11.987	0.000	92	73885	20.0	24.3	
134 Naphthalene	128	12.089	12.089	0.000	99	446115	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	95	152808	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 137 Xylenes, Total	100				0		40.0	40.8	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.2	
S 139 Total BTEX	1				0		100.0	104.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 07-Feb-2024 14:28:33 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50212.D

Injection Date: 07-Feb-2024 08:10:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

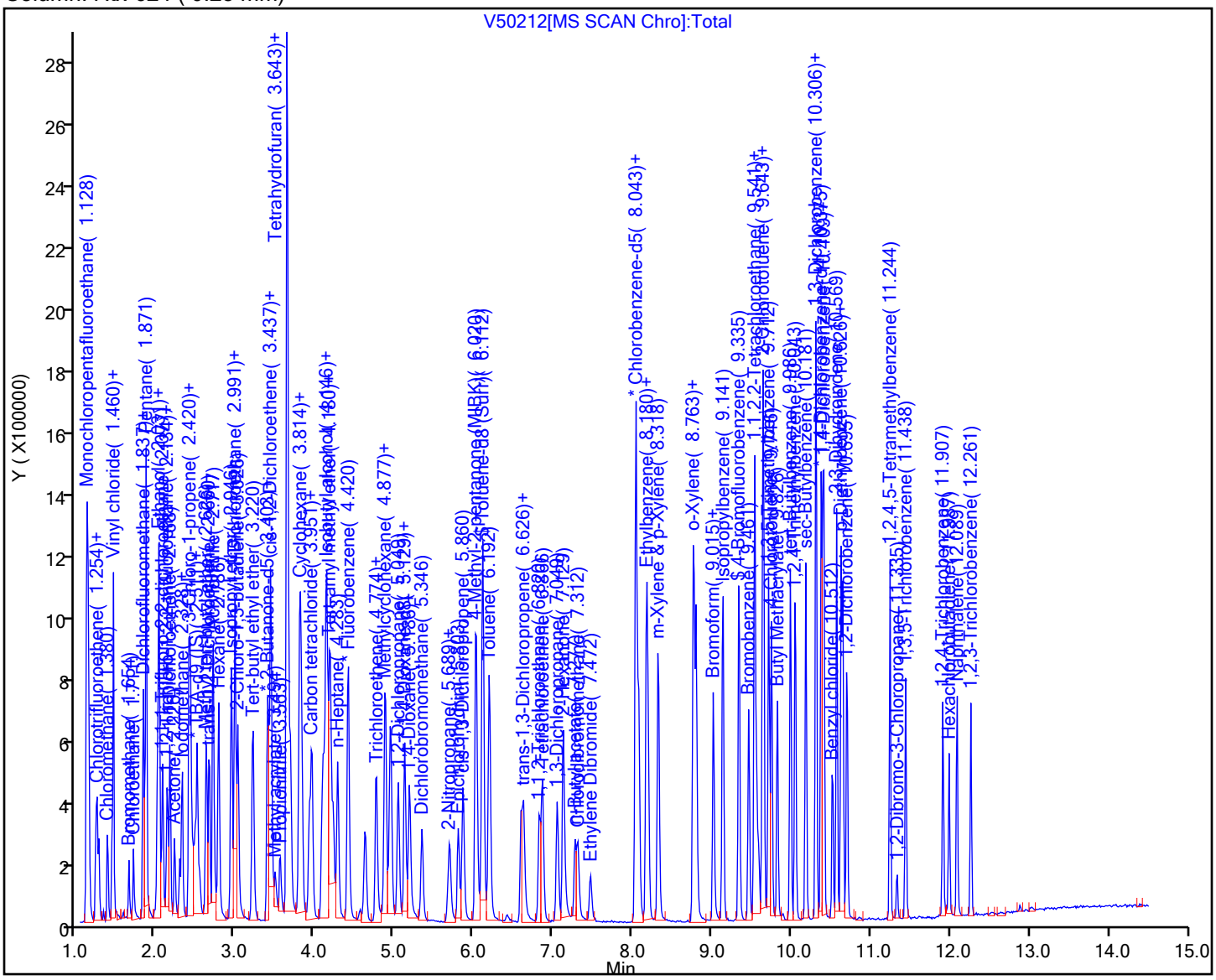
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

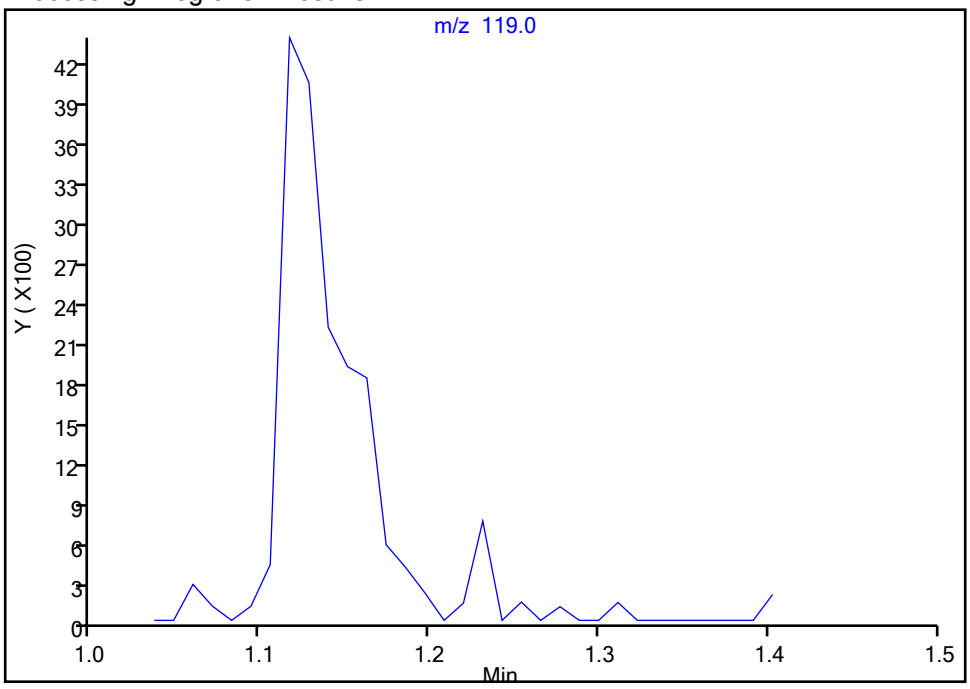
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50212.D
Injection Date: 07-Feb-2024 08:10:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

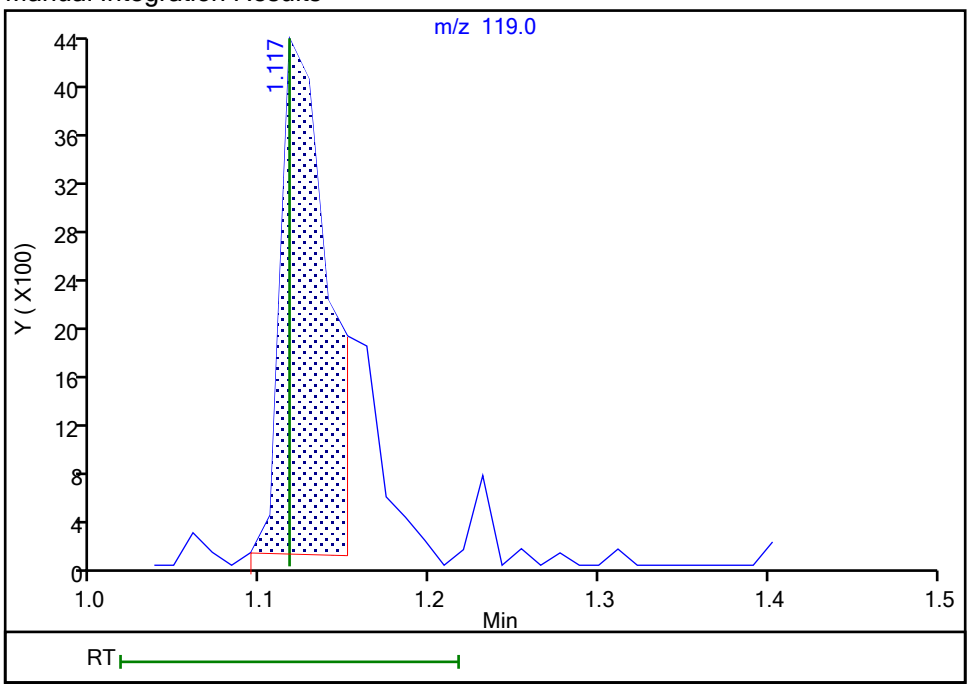
Not Detected
Expected RT: 1.12

Processing Integration Results



Manual Integration Results

RT: 1.12
Area: 8600
Amount: 39.277711
Amount Units: ug/l



Reviewer: K0HS, 07-Feb-2024 08:37:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

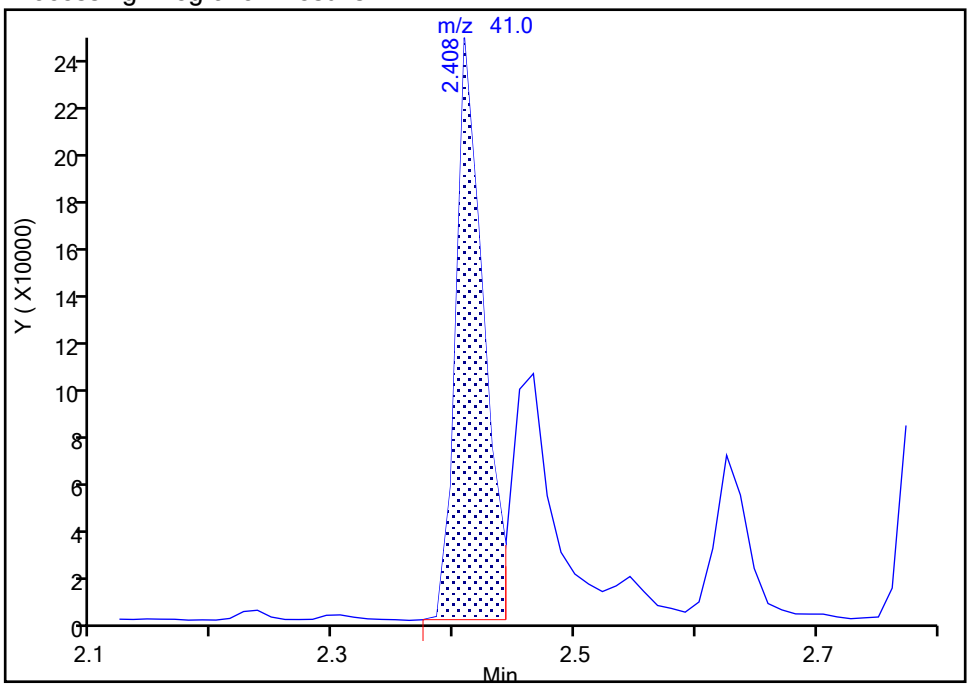
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50212.D
Injection Date: 07-Feb-2024 08:10:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

27 Acetonitrile, CAS: 75-05-8

Signal: 1

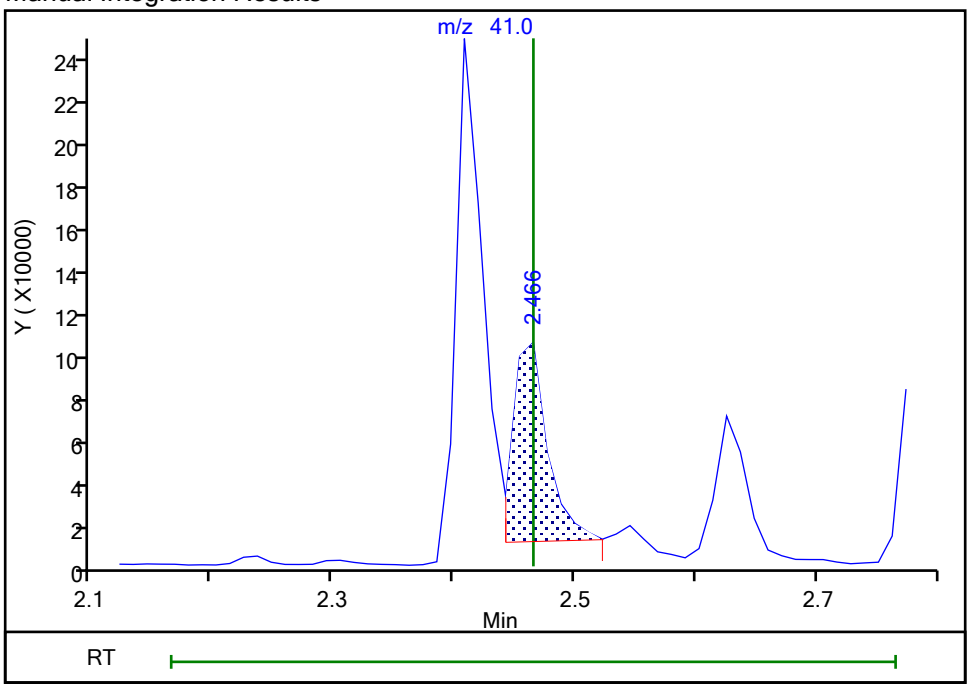
Processing Integration Results

RT: 2.41
Area: 392414
Amount: 473.6264
Amount Units: ug/l



Manual Integration Results

RT: 2.47
Area: 183447
Amount: 221.4124
Amount Units: ug/l



Reviewer: K0HS, 07-Feb-2024 11:20:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49181.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	04-Jan-2024 23:02:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0170980-001				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	08-Jan-2024 12:57:44	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1672				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

Reagents:

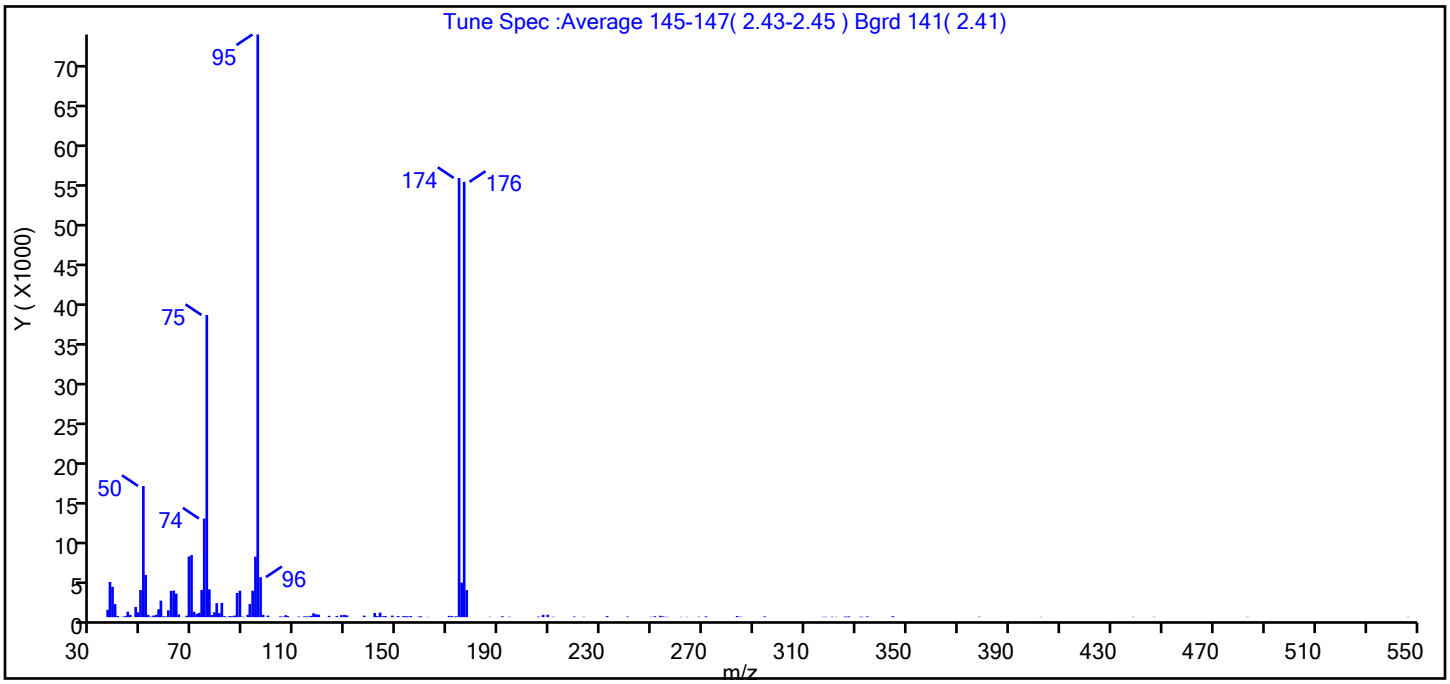
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49181.D
Injection Date: 04-Jan-2024 23:02:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (132.7)
96	5 to 9% of m/z 95	6.9
173	<2% of m/z 174	0.2 (0.2)
174	50 to 200% of m/z 95	75.4
175	5 to 9% of m/z 174	5.9 (7.9)
176	95 to 105% of m/z 174	74.7 (99.1)
177	5 to 10% of m/z 176	4.6 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49181.D\8260W_7.rslt\spectra.d
Injection Date: 04-Jan-2024 23:02:30
Spectrum: Tune Spec :Average 145-147(2.43-2.45) Bgrd 141(2.41)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	921	75.00	37904	123.00	164	209.00	293
37.00	4415	76.00	3488	126.00	139	211.00	52
38.00	3806	77.00	269	127.00	2	219.00	80
39.00	1632	78.00	608	128.00	252	223.00	46
40.00	155	79.00	1753	129.00	285	232.00	135
42.00	48	80.00	507	130.00	218	240.00	79
43.00	134	81.00	1791	135.00	2	249.00	50
44.00	685	82.00	121	137.00	187	251.00	114
45.00	274	83.00	38	141.00	517	253.00	167
47.00	1277	84.00	135	142.00	131	254.00	91
48.00	601	85.00	116	143.00	571	256.00	49
49.00	3410	86.00	195	144.00	114	261.00	34
50.00	16456	87.00	3032	145.00	139	264.00	40
51.00	5286	88.00	3310	148.00	191	268.00	51
52.00	292	89.00	55	150.00	144	271.00	101
53.00	65	91.00	300	152.00	127	283.00	143
54.00	194	92.00	1658	153.00	105	285.00	54
55.00	295	93.00	3314	154.00	98	294.00	92
56.00	976	94.00	7590	155.00	136	317.00	44
57.00	2072	95.00	73096	158.00	55	318.00	36
58.00	99	96.00	5018	159.00	113	320.00	54
59.00	77	97.00	291	162.00	34	322.00	34
60.00	855	99.00	194	170.00	162	326.00	34
61.00	3288	104.00	94	171.00	125	326.00	73
62.00	3335	105.00	72	172.00	24	327.00	94
63.00	2950	106.00	245	173.00	113	331.00	37
64.00	333	107.00	138	174.00	55096	332.00	55
67.00	174	111.00	67	175.00	4334	334.00	93
68.00	7604	113.00	96	176.00	54608	344.00	114
69.00	7788	114.00	83	177.00	3397	378.00	55
70.00	675	115.00	75	186.00	43	402.00	34
71.00	420	116.00	160	191.00	107	439.00	39
72.00	541	117.00	487	194.00	55	447.00	37

Report Date: 08-Jan-2024 12:57:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49181.D\8260W_7.rslt\spectra.d
Injection Date: 04-Jan-2024 23:02:30
Spectrum: Tune Spec :Average 145-147(2.43-2.45) Bgrd 141(2.41)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	3412	118.00	354	205.00	74	484.00	41
74.00	12368	119.00	302	207.00	290	546.00	33

Report Date: 08-Jan-2024 12:57:47 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49181.D

Injection Date: 04-Jan-2024 23:02:30 Instrument ID: CVOAMS7

Lims ID: BFB

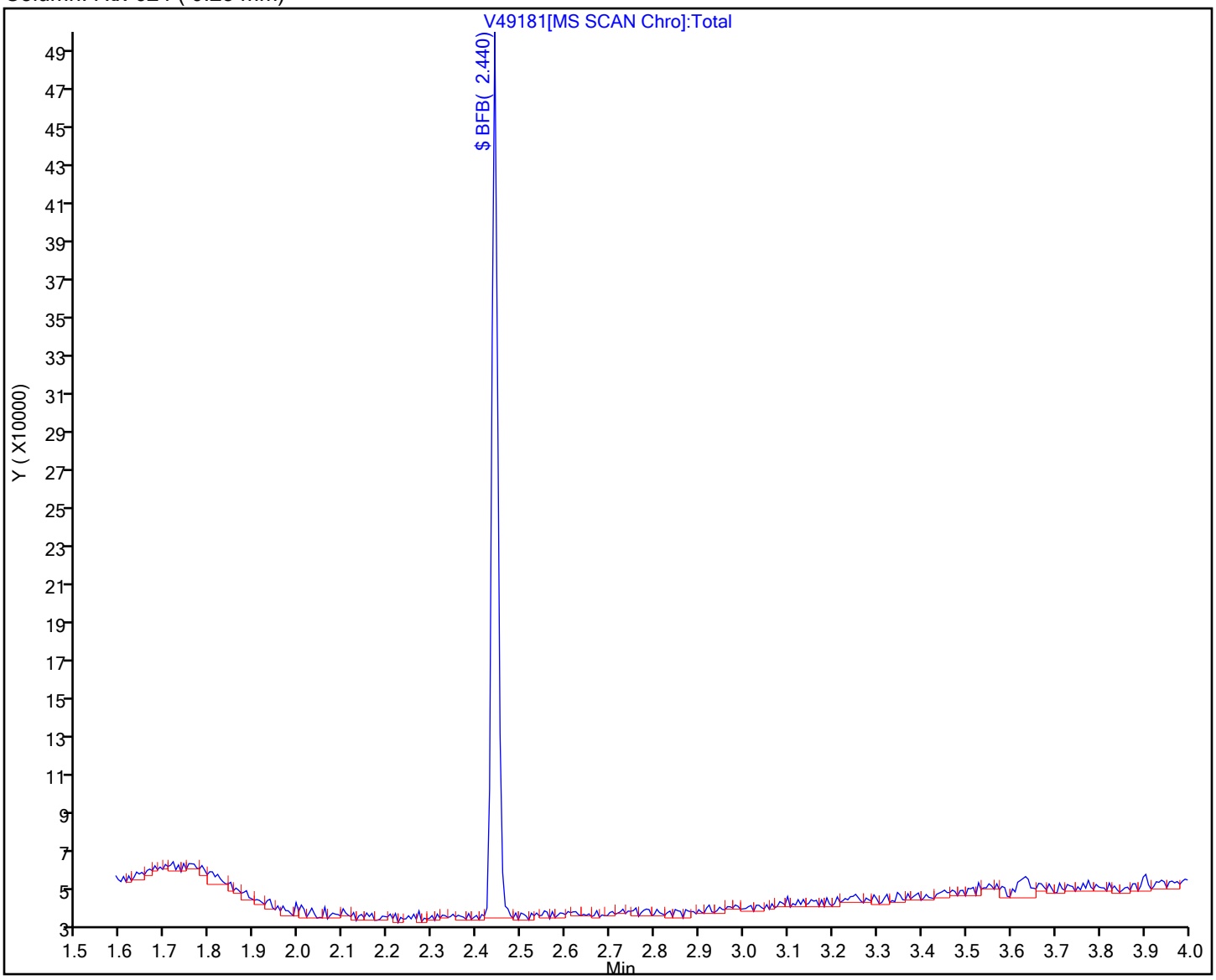
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-958087/9

Matrix: Water | Lab File ID: V50154.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 10:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-958087/9

Matrix: Water Lab File ID: V50154.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 10:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50154.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 06-Feb-2024 10:17:30 ALS Bottle#: 59 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172003-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 11:10:47 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1689

First Level Reviewer: K0HS Date: 06-Feb-2024 11:10:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	27789	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.403	3.391	0.012	99	367709	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	182788	50.0	50.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	240291	50.0	53.3	
* 67 Fluorobenzene	96	4.420	4.420	0.000	97	675809	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	92	16791	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	824395	50.0	50.3	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	487029	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	208817	50.0	49.5	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	208821	50.0	50.0	

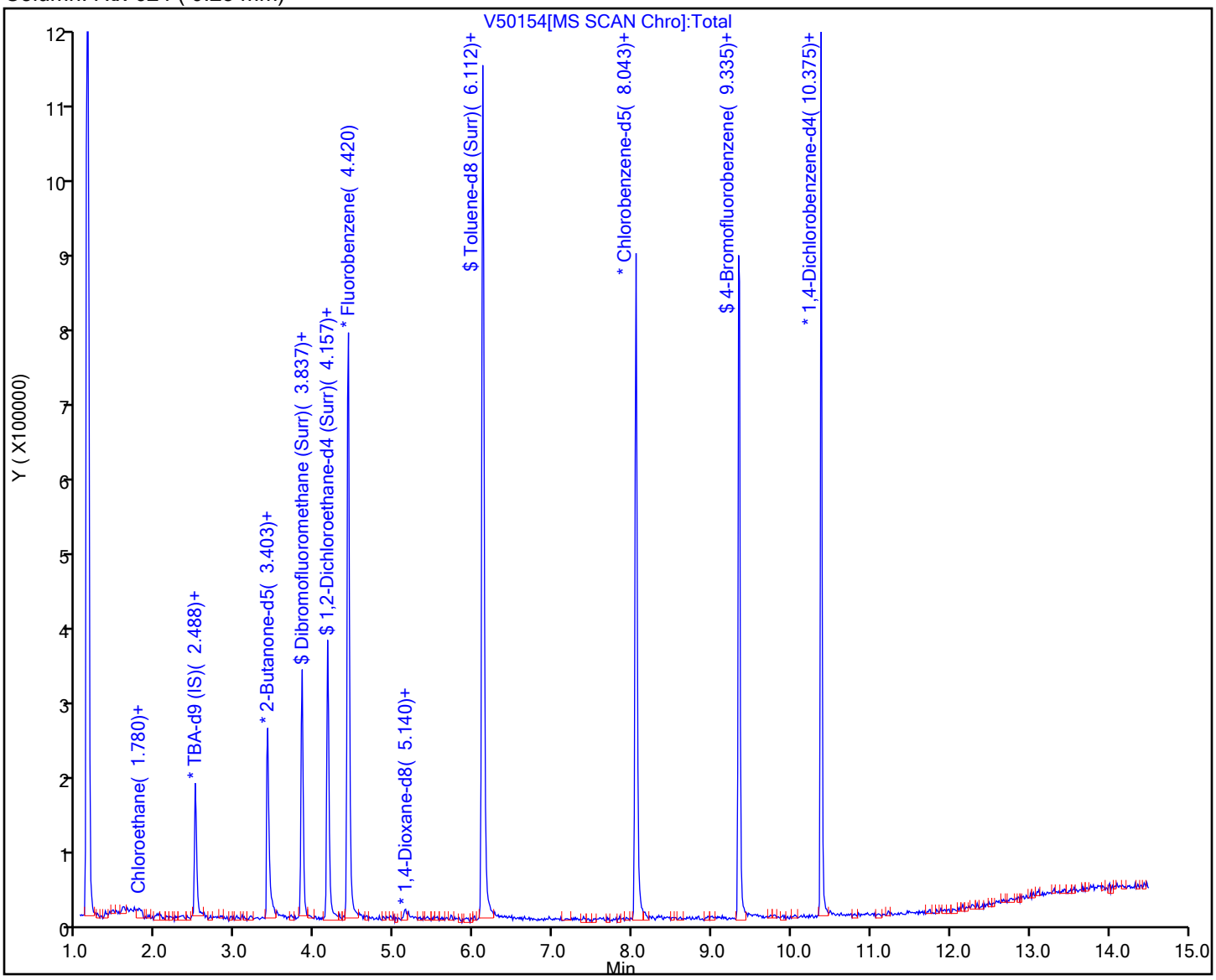
QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 06-Feb-2024 11:10:48 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50154.D
Injection Date: 06-Feb-2024 10:17:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50154.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	06-Feb-2024 10:17:30	ALS Bottle#:	59	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	MB				
Misc. Info.:	460-0172003-009				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 11:10:47	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1689				

First Level Reviewer: K0HS Date: 06-Feb-2024 11:10:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.6	101.17
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	53.3	106.64
$ 82 Toluene-d8 (Surr)	50.0	50.3	100.68
$ 105 4-Bromofluorobenzene	50.0	49.5	99.00

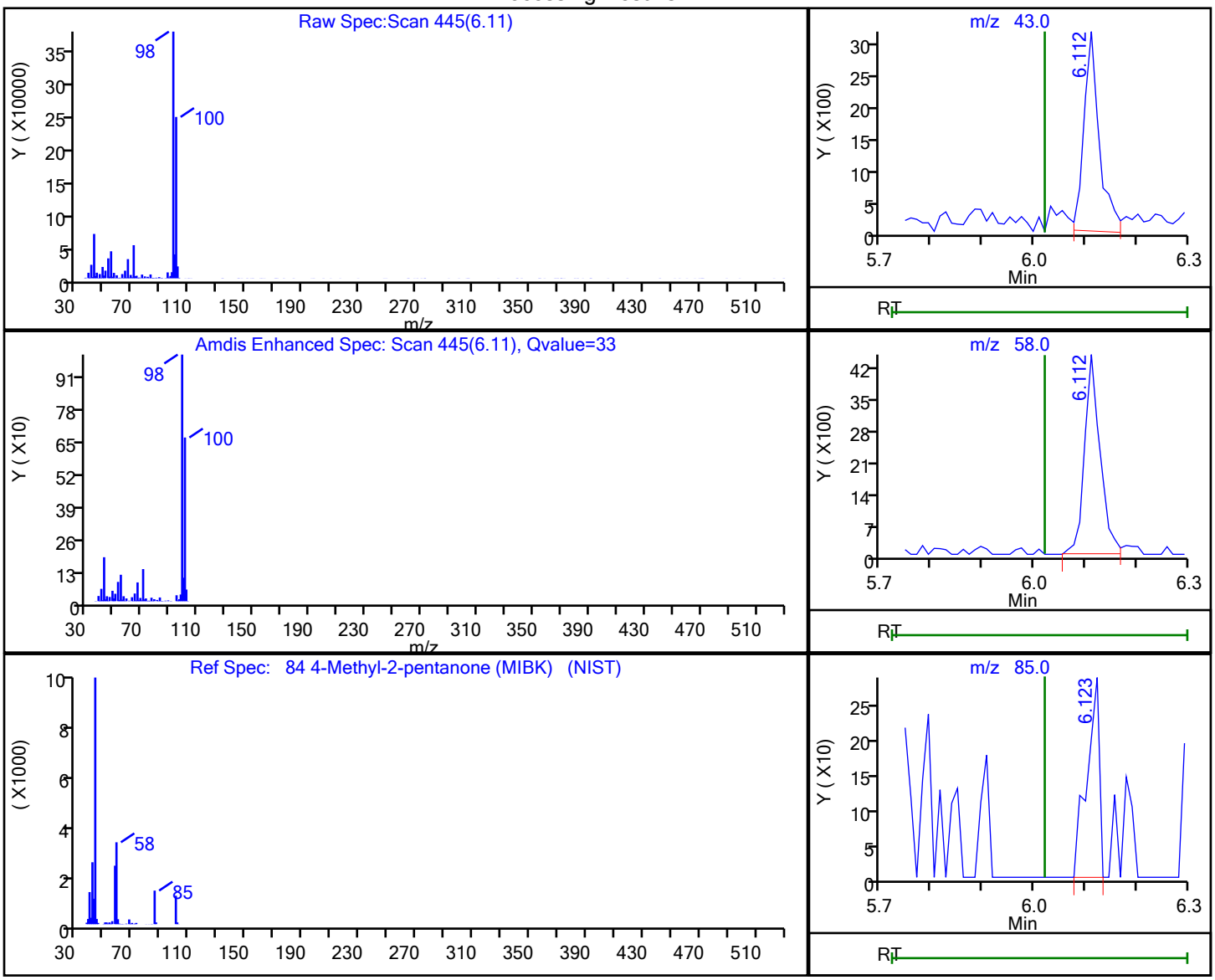
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50154.D
Injection Date: 06-Feb-2024 10:17:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	6541	0.977469
6.11	58.00	9425	
6.12	85.00	483	
6.11	100.00	545418	

Reviewer: K0HS, 06-Feb-2024 10:40:29 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-958316/9

Matrix: Water | Lab File ID: V50218.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 12:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
591-78-6	2-Hexanone	5.0	U	5.0	1.1
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
75-27-4	Bromodichloromethane	1.0	U	1.0	0.34
75-25-2	Bromoform	1.0	U	1.0	0.54
74-83-9	Bromomethane	1.0	U	1.0	0.55
75-15-0	Carbon disulfide	1.0	U	1.0	0.82
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.21
108-90-7	Chlorobenzene	1.0	U	1.0	0.38
75-00-3	Chloroethane	1.0	U	1.0	0.32
67-66-3	Chloroform	1.0	U	1.0	0.33
74-87-3	Chloromethane	1.0	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	1.0	U	1.0	0.28
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
78-93-3	Methyl Ethyl Ketone	5.0	U	5.0	1.9
108-10-1	methyl isobutyl ketone	5.0	U	5.0	1.3
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	1.0	U	1.0	0.25
108-88-3	Toluene	1.0	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
79-01-6	Trichloroethene	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-958316/9

Matrix: Water Lab File ID: V50218.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 12:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-128
460-00-4	4-Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-132
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50218.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2024 12:47:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172054-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:37:06 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:37:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	24540	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	300713	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	174063	50.0	53.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	221003	50.0	54.0	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	98	613269	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.140	5.117	0.023	91	10179	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	783090	50.0	50.4	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	90	462365	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	221946	50.0	55.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	215048	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00243 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 07-Feb-2024 14:37:06 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50218.D

Injection Date: 07-Feb-2024 12:47:30 Instrument ID: CVOAMS7

Lims ID: MB

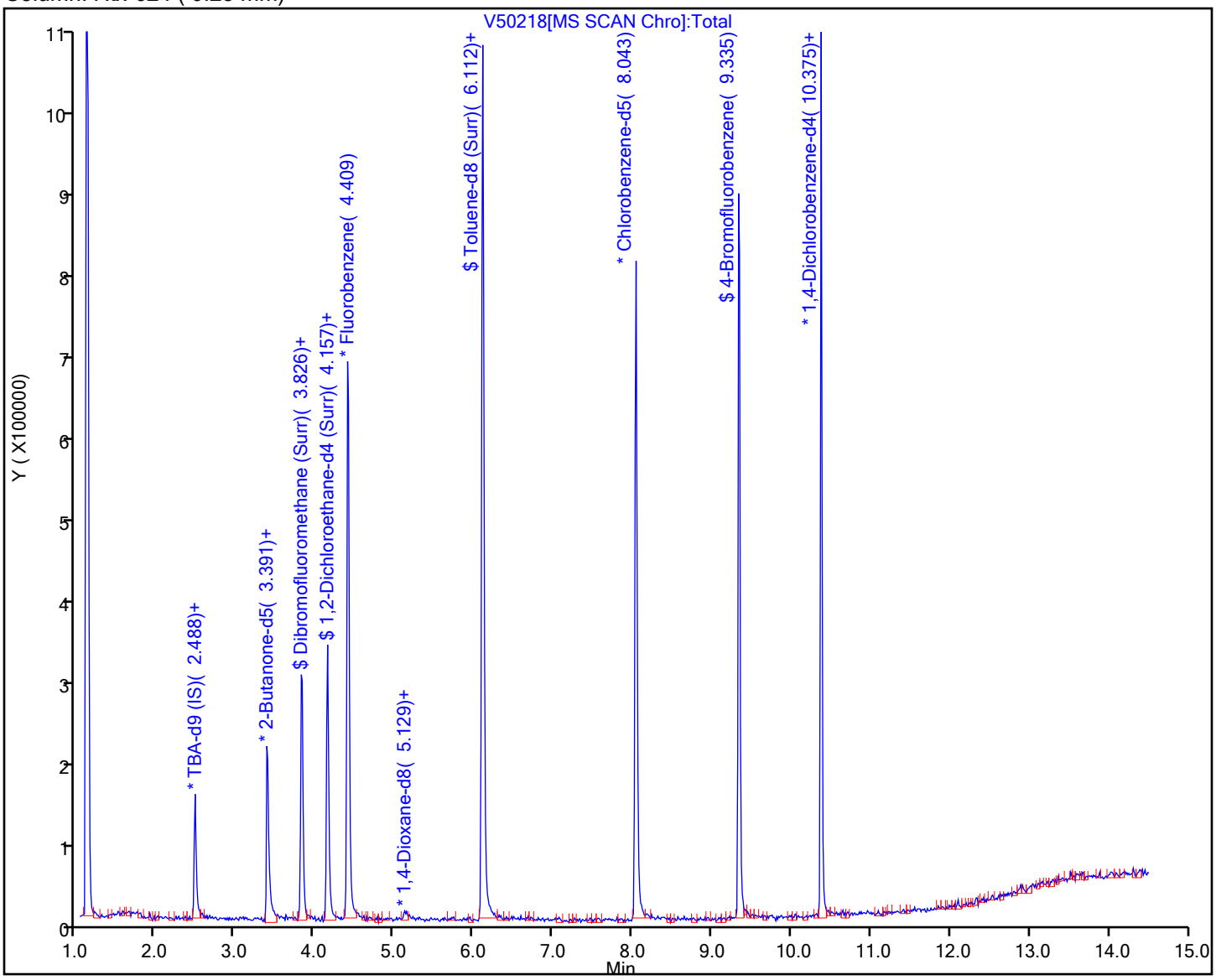
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50218.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2024 12:47:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0172054-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:37:06 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:37:06

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	53.1	106.17
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	54.0	108.08
$ 82 Toluene-d8 (Surr)	50.0	50.4	100.74
$ 105 4-Bromofluorobenzene	50.0	55.4	110.84

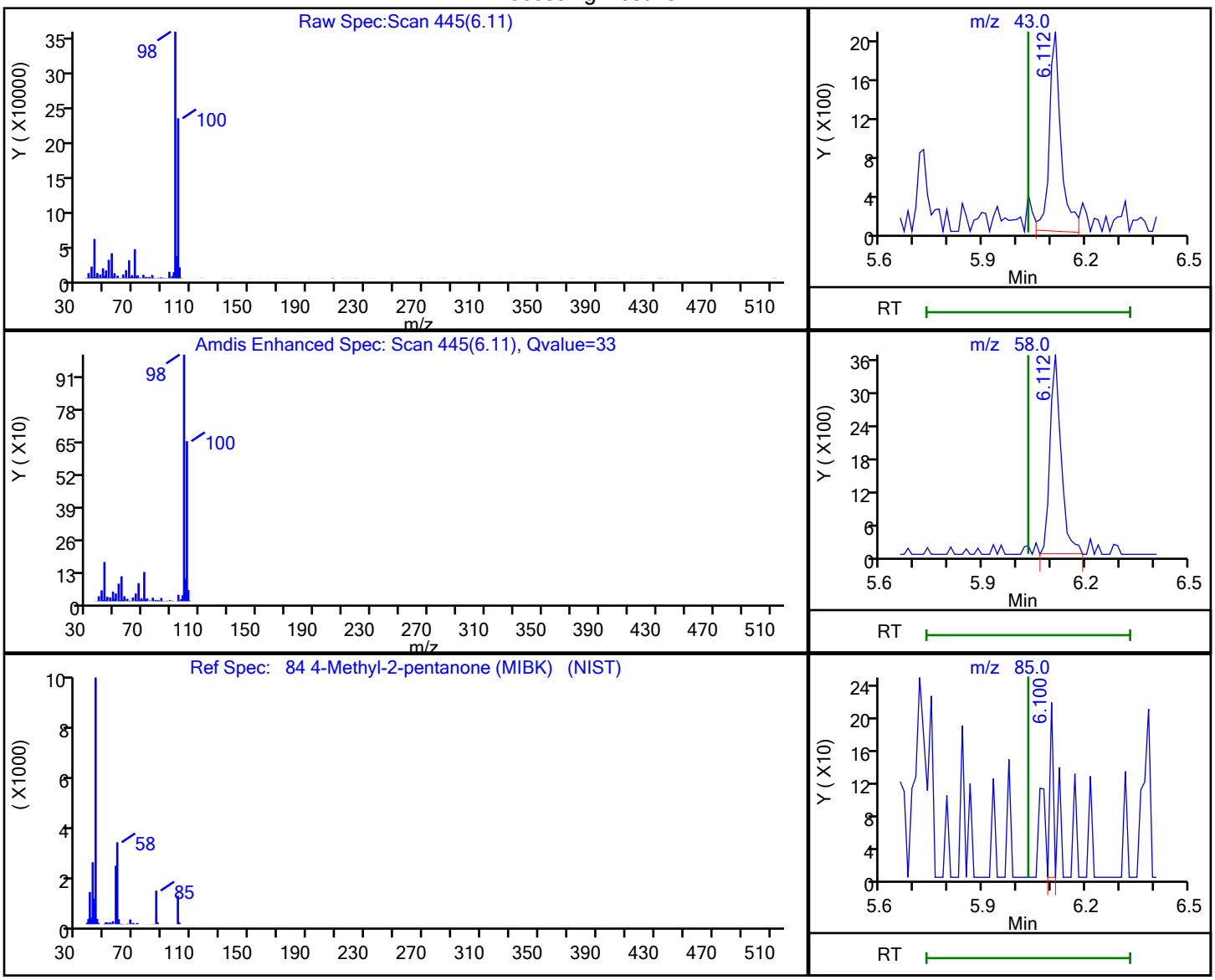
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50218.D
Injection Date: 07-Feb-2024 12:47:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS Quad

84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.11	43.00	4994	0.912556
6.11	58.00	8371	
6.10	85.00	149	
6.11	100.00	502161	

Reviewer: XE5L, 07-Feb-2024 14:36:42 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-958087/4

Matrix: Water | Lab File ID: V50149.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 08:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.20
75-34-3	1,1-Dichloroethane	21.9		1.0	0.26
75-35-4	1,1-Dichloroethene	17.3		1.0	0.26
107-06-2	1,2-Dichloroethane	21.2		1.0	0.43
78-87-5	1,2-Dichloropropane	22.5		1.0	0.35
591-78-6	2-Hexanone	113		5.0	1.1
67-64-1	Acetone	102		5.0	4.4
71-43-2	Benzene	20.4		1.0	0.20
75-27-4	Bromodichloromethane	20.1		1.0	0.34
75-25-2	Bromoform	16.0		1.0	0.54
74-83-9	Bromomethane	18.1		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	17.6		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	22.0		1.0	0.32
67-66-3	Chloroform	20.5		1.0	0.33
74-87-3	Chloromethane	24.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.22
124-48-1	Dibromochloromethane	17.1		1.0	0.28
100-41-4	Ethylbenzene	18.7		1.0	0.30
78-93-3	Methyl Ethyl Ketone	78.7		5.0	1.9
108-10-1	methyl isobutyl ketone	108		5.0	1.3
75-09-2	Methylene Chloride	19.5		1.0	0.32
100-42-5	Styrene	18.5		1.0	0.42
127-18-4	Tetrachloroethene	17.4		1.0	0.25
108-88-3	Toluene	18.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31
75-01-4	Vinyl chloride	22.6		1.0	0.17
1330-20-7	Xylenes, Total	35.9		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-958087/4

Matrix: Water Lab File ID: V50149.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 08:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50149.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-Feb-2024 08:29:30 ALS Bottle#: 54 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172003-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:09:37 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: W9CM Date: 06-Feb-2024 21:09:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	91	23579	20.0	17.3	
4 1,1-Difluoroethane	65	1.243	1.242	0.001	93	65214	20.0	21.4	
5 Dichlorodifluoromethane	85	1.243	1.254	-0.011	99	159191	20.0	20.4	
2 Chlorodifluoromethane	67	1.266	1.277	-0.011	99	25126	20.0	19.4	
6 Chloromethane	50	1.380	1.380	0.000	100	226702	20.0	24.8	
7 Vinyl chloride	62	1.437	1.437	0.000	98	214346	20.0	22.6	
8 Butadiene	54	1.448	1.460	-0.012	94	221921	20.0	24.9	
9 Bromomethane	94	1.654	1.654	0.000	98	79715	20.0	18.1	
10 Chloroethane	64	1.711	1.711	0.000	99	128485	20.0	22.0	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	99	308374	20.0	21.3	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	96	189330	20.0	20.1	
13 Pentane	72	1.871	1.871	0.000	97	43991	40.0	38.6	
17 Ethanol	46	1.974	1.974	0.000	98	22921	800.0	967.8	
14 Ethyl ether	74	2.008	2.008	0.000	94	84851	20.0	21.2	
15 2-Methyl-1,3-butadiene	53	2.020	2.031	-0.011	95	148089	20.0	21.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.043	-0.012	98	89270	20.0	16.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	181222	20.0	20.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	92	114427	20.0	19.6	
52 Acrolein	56	2.146	2.145	0.001	96	23847	40.0	42.4	
20 1,1-Dichloroethene	96	2.169	2.168	0.000	93	100107	20.0	17.3	
23 Acetone	43	2.226	2.225	0.001	85	234139	100.0	102.5	
21 Iodomethane	142	2.294	2.294	0.000	99	88638	20.0	13.9	
24 Isopropyl alcohol	45	2.294	2.294	0.000	75	61153	200.0	196.6	
22 Carbon disulfide	76	2.317	2.328	-0.011	100	368641	20.0	16.4	
30 Methyl acetate	43	2.409	2.408	0.001	93	256816	40.0	54.3	
26 3-Chloro-1-propene	76	2.409	2.408	0.001	89	89015	20.0	19.8	
25 Cyclopentene	67	2.431	2.431	0.000	93	294828	20.0	20.4	
27 Acetonitrile	41	2.454	2.454	0.000	96	166844	200.0	186.4	a
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	97	40037	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	96	133717	20.0	19.5	
31 2-Methyl-2-propanol	59	2.546	2.545	0.001	99	99293	200.0	159.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	2.626	2.625	0.001	96	418767	20.0	21.4	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	97	126565	20.0	19.8	
35 Acrylonitrile	53	2.706	2.717	-0.011	94	605664	200.0	250.8	
36 Hexane	57	2.786	2.785	0.001	94	213803	20.0	24.3	
37 Isopropyl ether	45	2.946	2.945	0.001	96	610128	20.0	25.3	
38 1,1-Dichloroethane	63	2.980	2.991	-0.011	99	290394	20.0	21.9	
40 Vinyl acetate	43	2.991	2.991	0.000	100	778221	40.0	43.1	
39 2-Chloro-1,3-butadiene	88	3.026	3.025	0.001	95	121275	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.209	3.220	-0.011	88	495989	20.0	22.4	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	98	446065	250.0	250.0	
43 2,2-Dichloropropane	97	3.403	3.414	-0.011	95	44428	20.0	19.0	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	74294	100.0	78.7	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	90	138133	20.0	19.1	
47 Ethyl acetate	70	3.437	3.437	0.000	93	31051	40.0	36.6	
46 Methyl acrylate	55	3.494	3.494	0.000	99	128318	20.0	26.5	
48 Propionitrile	54	3.552	3.563	-0.011	97	205129	200.0	249.2	
49 Chlorobromomethane	128	3.643	3.643	0.000	92	55519	20.0	16.6	
50 Tetrahydrofuran	72	3.643	3.643	0.000	58	37940	40.0	43.8	
54 Methacrylonitrile	67	3.643	3.643	0.000	98	658244	200.0	242.7	
51 Chloroform	83	3.689	3.688	0.001	96	249129	20.0	20.5	
53 Cyclohexane	84	3.803	3.803	0.000	99	208366	20.0	21.7	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	96	201837	20.0	19.1	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	95	184650	50.0	47.8	
57 Carbon tetrachloride	117	3.929	3.928	0.001	95	157511	20.0	17.6	
58 1,1-Dichloropropene	75	3.952	3.963	-0.011	90	204262	20.0	21.0	
61 Isobutyl alcohol	43	4.089	4.088	0.001	61	231831	500.0	581.8	
64 Isooctane	57	4.100	4.100	0.000	98	453826	20.0	24.8	
59 Benzene	78	4.134	4.134	0.000	98	580819	20.0	20.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	96	249837	50.0	51.9	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	95	445304	20.0	21.1	
66 Isopropyl acetate	87	4.192	4.191	0.001	94	121937	20.0	20.0	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	208060	20.0	21.2	
65 n-Heptane	57	4.283	4.283	0.000	98	95345	20.0	25.7	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	721791	50.0	50.0	
70 n-Butanol	56	4.763	4.763	0.000	31	34877	500.0	322.1	a
69 Trichloroethene	95	4.763	4.763	0.000	93	132028	20.0	19.5	
72 Methylcyclohexane	83	4.877	4.877	0.000	82	224377	20.0	22.1	
71 Ethyl acrylate	99	4.889	4.889	0.000	95	18966	20.0	19.7	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	164709	20.0	22.5	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	44	23649	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	95	62999	40.0	38.0	
78 1,4-Dioxane	88	5.175	5.174	0.001	42	21864	400.0	380.5	
75 Dibromomethane	93	5.186	5.186	0.000	91	79628	20.0	18.6	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	233561	20.0	26.4	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	184004	20.0	20.1	
34 2-Nitropropane	41	5.677	5.677	0.000	98	86079	40.0	36.9	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	96	95627	20.0	26.7	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	291948	400.0	381.2	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	97	248064	20.0	20.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.020	0.000	99	874720	100.0	107.8	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	837387	50.0	48.1	
83 Toluene	91	6.192	6.192	0.000	93	575061	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	96	220613	20.0	20.3	
86 Ethyl methacrylate	69	6.626	6.626	0.000	94	182048	20.0	22.5	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	92	106411	20.0	21.8	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	111341	20.0	17.4	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	98	233522	20.0	22.4	
91 2-Hexanone	43	7.129	7.129	0.000	99	566792	100.0	113.4	
92 n-Butyl acetate	43	7.278	7.277	0.001	97	293436	20.0	27.2	
90 Chlorodibromomethane	129	7.312	7.312	0.000	96	108910	20.0	17.1	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	109453	20.0	18.9	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	517832	50.0	50.0	
95 Chlorobenzene	112	8.078	8.077	0.001	89	328576	20.0	18.7	
97 Ethylbenzene	106	8.181	8.180	0.001	99	183968	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	93	107966	20.0	17.4	
98 m-Xylene & p-Xylene	106	8.329	8.317	0.012	99	216519	20.0	17.3	
100 o-Xylene	106	8.763	8.763	0.000	93	220594	20.0	18.6	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	108036	20.0	20.3	
101 Styrene	104	8.798	8.798	0.000	93	352578	20.0	18.5	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	88	309329	20.0	27.8	
103 Bromoform	173	9.015	9.015	0.000	51	65502	20.0	16.0	
104 Isopropylbenzene	105	9.141	9.140	0.001	98	555063	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	226008	50.0	50.4	
107 Bromobenzene	156	9.461	9.460	0.001	90	120739	20.0	18.4	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	165744	20.0	21.6	
109 N-Propylbenzene	91	9.541	9.540	0.001	98	722089	20.0	21.3	
115 1,2,3-Trichloropropane	110	9.564	9.563	0.001	95	41290	20.0	18.7	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	87	47138	20.0	23.3	
114 2-Chlorotoluene	91	9.644	9.643	0.001	96	474139	20.0	20.7	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	541687	20.0	19.8	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	91	438625	20.0	18.7	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	451617	20.0	20.3	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	147099	20.0	18.5	
118 tert-Butylbenzene	119	9.986	9.986	0.000	90	365924	20.0	18.7	
119 1,2,4-Trimethylbenzene	105	10.044	10.043	0.001	99	442920	20.0	18.7	
120 sec-Butylbenzene	105	10.181	10.180	0.001	98	556761	20.0	20.3	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	73	229986	20.0	18.2	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	436810	20.0	18.7	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	237228	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	89	224031	20.0	17.6	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	469212	20.0	19.7	
125 Benzyl chloride	91	10.524	10.523	0.001	97	284167	20.0	20.3	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	93	444217	20.0	19.1	
126 p-Diethylbenzene	119	10.626	10.626	0.000	93	258925	20.0	18.3	
127 n-Butylbenzene	92	10.649	10.649	0.000	97	214865	20.0	19.1	
128 1,2-Dichlorobenzene	146	10.707	10.706	0.000	93	217638	20.0	18.4	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.243	0.001	96	381067	20.0	18.7	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	90	27492	20.0	17.2	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	94	145985	20.0	18.7	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.001	93	124241	20.0	17.7	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	90	51468	20.0	18.9	
134 Naphthalene	128	12.089	12.089	0.000	99	357359	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	94	118016	20.0	18.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	35.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.0	
S 139 Total BTEX	1				0		100.0	93.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

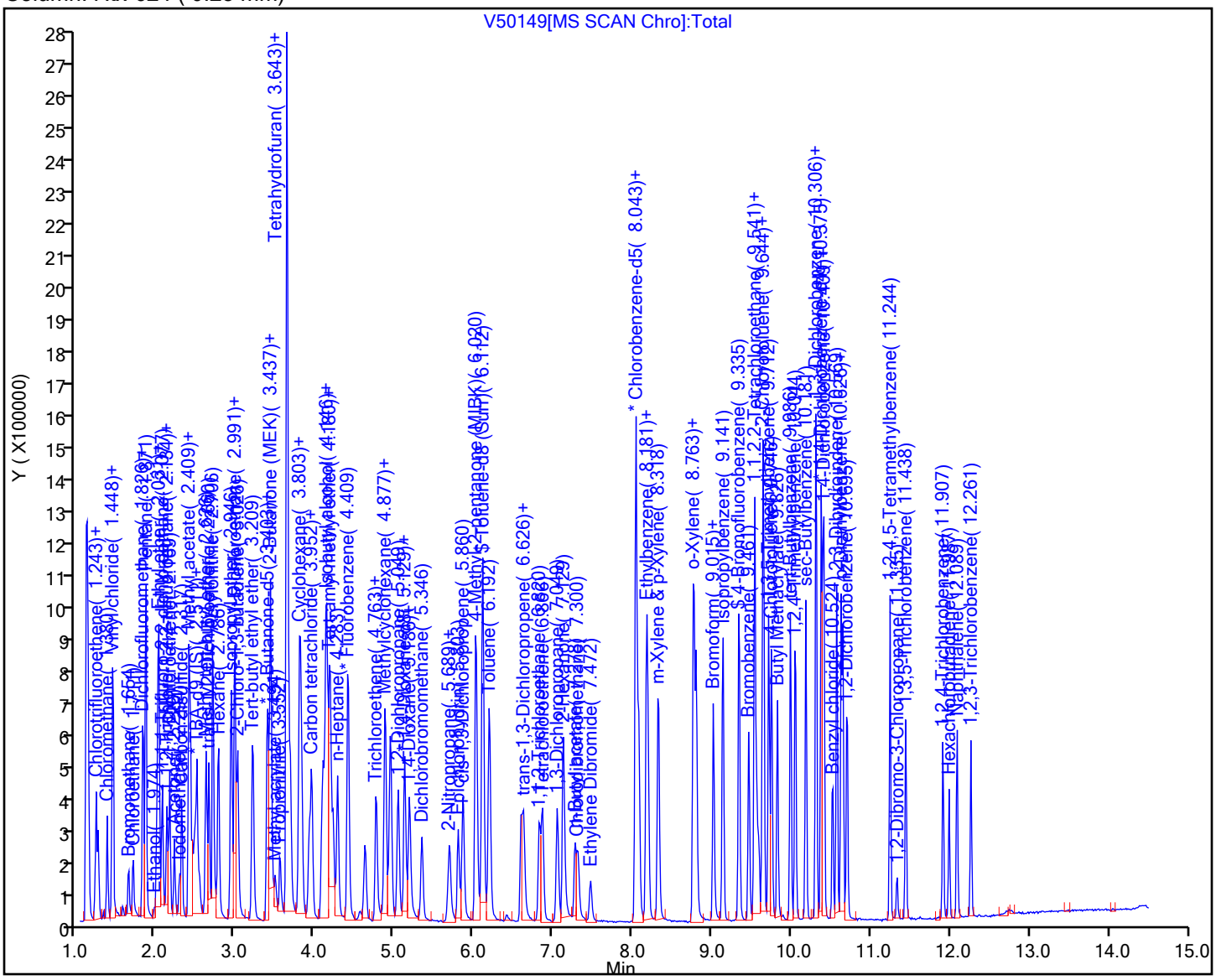
Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 06-Feb-2024 21:09:37 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50149.D
Injection Date: 06-Feb-2024 08:29:30 Instrument ID: CVOAMS7
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



2/8/2024
1:36:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50149.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 06-Feb-2024 08:29:30 ALS Bottle#: 54 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172003-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:09:37 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: W9CM Date: 06-Feb-2024 21:09:37

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.8	95.69
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.81
$ 82 Toluene-d8 (Surr)	50.0	48.1	96.18
$ 105 4-Bromofluorobenzene	50.0	50.4	100.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-958316/4

Matrix: Water | Lab File ID: V50213.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 11:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.2		1.0	0.20
75-34-3	1,1-Dichloroethane	24.2		1.0	0.26
75-35-4	1,1-Dichloroethene	22.8		1.0	0.26
107-06-2	1,2-Dichloroethane	22.5		1.0	0.43
78-87-5	1,2-Dichloropropane	23.2		1.0	0.35
591-78-6	2-Hexanone	130		5.0	1.1
67-64-1	Acetone	120		5.0	4.4
71-43-2	Benzene	22.3		1.0	0.20
75-27-4	Bromodichloromethane	21.3		1.0	0.34
75-25-2	Bromoform	17.2		1.0	0.54
74-83-9	Bromomethane	18.5		1.0	0.55
75-15-0	Carbon disulfide	21.0		1.0	0.82
56-23-5	Carbon tetrachloride	22.4		1.0	0.21
108-90-7	Chlorobenzene	20.9		1.0	0.38
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	22.4		1.0	0.33
74-87-3	Chloromethane	23.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.3		1.0	0.22
124-48-1	Dibromochloromethane	18.7		1.0	0.28
100-41-4	Ethylbenzene	20.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	98.7		5.0	1.9
108-10-1	methyl isobutyl ketone	129		5.0	1.3
75-09-2	Methylene Chloride	21.7		1.0	0.32
100-42-5	Styrene	20.1		1.0	0.42
127-18-4	Tetrachloroethene	21.5		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	23.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.22
79-01-6	Trichloroethene	22.6		1.0	0.31
75-01-4	Vinyl chloride	20.8		1.0	0.17
1330-20-7	Xylenes, Total	39.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-958316/4

Matrix: Water Lab File ID: V50213.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 11:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50213.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2024 11:01:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172054-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:30:16 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:30:16

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.140	1.117	0.023	66	7011	20.0	37.0	
3	Chlorotrifluoroethene	116	1.231	1.231	0.000	98	35499	20.0	28.0	
4	1,1-Difluoroethane	65	1.243	1.243	0.000	92	67111	20.0	23.7	
5	Dichlorodifluoromethane	85	1.254	1.254	0.000	99	163807	20.0	22.5	
2	Chlorodifluoromethane	67	1.277	1.277	0.000	100	27857	20.0	23.1	
6	Chloromethane	50	1.380	1.380	0.000	100	197720	20.0	23.3	
7	Vinyl chloride	62	1.448	1.437	0.011	99	183523	20.0	20.8	
8	Butadiene	54	1.460	1.460	0.000	94	206367	20.0	24.9	
9	Bromomethane	94	1.654	1.654	0.000	97	76065	20.0	18.5	
10	Chloroethane	64	1.711	1.711	0.000	98	110927	20.0	20.4	
11	Dichlorofluoromethane	67	1.837	1.837	0.000	98	296683	20.0	22.0	
12	Trichlorofluoromethane	101	1.837	1.837	0.000	99	208728	20.0	23.8	
13	Pentane	72	1.871	1.871	0.000	97	52427	40.0	49.4	
17	Ethanol	46	1.974	1.986	-0.012	95	14803	800.0	855.9	
14	Ethyl ether	74	2.008	2.008	0.000	95	79643	20.0	21.4	
15	2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	97	156298	20.0	24.2	
16	1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.043	0.000	92	97266	20.0	19.2	
19	1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	98	183486	20.0	22.4	
18	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	95	130044	20.0	23.9	
52	Acrolein	56	2.146	2.146	0.000	95	20679	40.0	39.5	
20	1,1-Dichloroethene	96	2.168	2.168	0.000	94	122683	20.0	22.8	
23	Acetone	43	2.226	2.226	0.000	84	191809	100.0	119.9	
21	Iodomethane	142	2.294	2.294	0.000	99	103955	20.0	17.5	
24	Isopropyl alcohol	45	2.294	2.294	0.000	49	39980	200.0	176.0	
22	Carbon disulfide	76	2.328	2.328	0.000	100	439246	20.0	21.0	
26	3-Chloro-1-propene	76	2.408	2.408	0.000	93	95580	20.0	22.8	
30	Methyl acetate	43	2.408	2.408	0.000	98	226043	40.0	51.3	
25	Cyclopentene	67	2.431	2.431	0.000	96	345400	20.0	25.7	
27	Acetonitrile	41	2.454	2.466	-0.012	95	152689	200.0	243.0	a
* 28	TBA-d9 (IS)	66	2.488	2.488	0.000	97	29235	1000.0	1000.0	
29	Methylene Chloride	84	2.511	2.511	0.000	97	138980	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	97	69964	200.0	153.8	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	393933	20.0	21.6	
33 trans-1,2-Dichloroethene	96	2.671	2.671	0.000	99	139972	20.0	23.5	
35 Acrylonitrile	53	2.717	2.717	0.000	94	526556	200.0	234.1	
36 Hexane	57	2.786	2.786	0.000	94	241168	20.0	29.4	
37 Isopropyl ether	45	2.946	2.946	0.000	95	588447	20.0	26.2	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	99	299209	20.0	24.2	
40 Vinyl acetate	43	2.991	2.991	0.000	100	747720	40.0	59.0	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	95	133531	20.0	23.7	
41 Tert-butyl ethyl ether	59	3.220	3.220	0.000	89	479772	20.0	23.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	97	313059	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.414	0.000	94	50604	20.0	23.3	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	93	146532	20.0	21.8	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	65427	100.0	98.7	
47 Ethyl acetate	70	3.449	3.437	0.011	94	25309	40.0	42.3	
46 Methyl acrylate	55	3.506	3.494	0.012	99	108327	20.0	24.1	
48 Propionitrile	54	3.563	3.563	0.000	97	167857	200.0	218.9	
54 Methacrylonitrile	67	3.643	3.643	0.000	98	567173	200.0	224.5	
49 Chlorobromomethane	128	3.643	3.643	0.000	96	60990	20.0	19.5	
50 Tetrahydrofuran	72	3.643	3.643	0.000	65	30609	40.0	37.9	
51 Chloroform	83	3.689	3.689	0.000	97	253392	20.0	22.4	
53 Cyclohexane	84	3.803	3.803	0.000	97	233731	20.0	26.1	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	97	222092	20.0	22.5	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	174902	50.0	48.6	
57 Carbon tetrachloride	117	3.929	3.929	0.000	96	186703	20.0	22.4	
58 1,1-Dichloropropene	75	3.951	3.963	-0.012	93	218964	20.0	24.2	
61 Isobutyl alcohol	43	4.100	4.100	0.000	45	185763	500.0	638.9	a
64 Isooctane	57	4.100	4.100	0.000	97	461486	20.0	27.0	
59 Benzene	78	4.134	4.134	0.000	98	602759	20.0	22.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	99	221901	50.0	49.5	
62 Tert-amyl methyl ether	73	4.191	4.191	0.000	92	422409	20.0	21.5	
66 Isopropyl acetate	87	4.191	4.191	0.000	95	119317	20.0	21.0	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	205852	20.0	22.5	
65 n-Heptane	57	4.283	4.283	0.000	98	103817	20.0	30.0	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	98	672393	50.0	50.0	
70 n-Butanol	56	4.774	4.763	0.011	22	17174	500.0	217.2	a
69 Trichloroethene	95	4.763	4.774	-0.011	96	141912	20.0	22.6	
72 Methylcyclohexane	83	4.877	4.877	0.000	84	236638	20.0	25.0	
71 Ethyl acrylate	99	4.889	4.889	0.000	93	19275	20.0	21.5	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	87	157822	20.0	23.2	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	44	17454	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	95	61309	40.0	39.7	
78 1,4-Dioxane	88	5.186	5.174	0.012	36	12041	400.0	285.7	
75 Dibromomethane	93	5.186	5.186	0.000	97	82416	20.0	20.7	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	205518	20.0	24.9	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	181892	20.0	21.3	
34 2-Nitropropane	41	5.677	5.677	0.000	99	72724	40.0	33.5	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	97	82900	20.0	24.9	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	229530	400.0	427.1	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	240788	20.0	21.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.032	-0.012	99	734684	100.0	129.0	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	795514	50.0	48.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.192	6.192	0.000	92	609800	20.0	21.0	
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	96	209726	20.0	20.3	
86 Ethyl methacrylate	69	6.626	6.626	0.000	94	170017	20.0	22.2	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	92	102634	20.0	22.2	
88 Tetrachloroethene	166	6.866	6.866	0.000	96	130842	20.0	21.5	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	215734	20.0	21.9	
91 2-Hexanone	43	7.129	7.129	0.000	99	455487	100.0	129.8	
92 n-Butyl acetate	43	7.277	7.277	0.000	97	251081	20.0	24.6	
90 Chlorodibromomethane	129	7.312	7.312	0.000	95	112702	20.0	18.7	
93 Ethylene Dibromide	107	7.472	7.472	0.000	97	112741	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	89	490115	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	91	347851	20.0	20.9	
97 Ethylbenzene	106	8.180	8.180	0.000	99	188606	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	90	118978	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.318	8.318	0.000	99	229641	20.0	19.4	
100 o-Xylene	106	8.763	8.763	0.000	92	226799	20.0	20.2	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	87837	20.0	17.4	
101 Styrene	104	8.798	8.798	0.000	92	361664	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	87	261177	20.0	23.9	
103 Bromoform	173	9.015	9.015	0.000	54	66840	20.0	17.2	
104 Isopropylbenzene	105	9.140	9.141	0.000	97	602177	20.0	21.6	
$ 105 4-Bromofluorobenzene	174	9.335	9.346	-0.011	0	224084	50.0	52.8	
107 Bromobenzene	156	9.461	9.461	0.000	95	138382	20.0	21.5	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	140377	20.0	18.6	
109 N-Propylbenzene	91	9.541	9.541	0.000	99	721516	20.0	21.7	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	96	40879	20.0	18.8	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	85	33789	20.0	17.0	
114 2-Chlorotoluene	91	9.643	9.643	0.000	97	480337	20.0	21.3	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	573353	20.0	21.3	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	474356	20.0	20.6	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	445809	20.0	20.4	
117 Butyl Methacrylate	87	9.826	9.826	0.000	98	144210	20.0	18.5	
118 tert-Butylbenzene	119	9.986	9.986	0.000	92	402758	20.0	21.0	
119 1,2,4-Trimethylbenzene	105	10.043	10.043	0.000	99	460581	20.0	19.8	
120 sec-Butylbenzene	105	10.181	10.181	0.000	98	576634	20.0	21.4	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	72	250662	20.0	20.2	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	467629	20.0	20.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	232930	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	92	254814	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	483521	20.0	20.6	
125 Benzyl chloride	91	10.512	10.512	0.000	97	256606	20.0	18.7	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	94	474804	20.0	20.8	
126 p-Diethylbenzene	119	10.626	10.626	0.000	93	265154	20.0	19.1	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	224232	20.0	20.3	
128 1,2-Dichlorobenzene	146	10.695	10.695	0.000	93	238809	20.0	20.6	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	97	410824	20.0	20.5	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	92	24079	20.0	15.3	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	160841	20.0	21.0	
131 1,2,4-Trichlorobenzene	180	11.906	11.907	0.000	93	139208	20.0	20.2	
133 Hexachlorobutadiene	225	11.986	11.987	0.000	94	62982	20.0	23.5	
134 Naphthalene	128	12.089	12.089	0.000	99	349293	20.0	19.0	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	94	128512	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.3	
S 137 Xylenes, Total	100				0		40.0	39.6	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.7	
S 139 Total BTEX	1				0		100.0	103.1	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 07-Feb-2024 14:30:17 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50213.D

Injection Date: 07-Feb-2024 11:01:30 Instrument ID: CVOAMS7

Lims ID: LCS

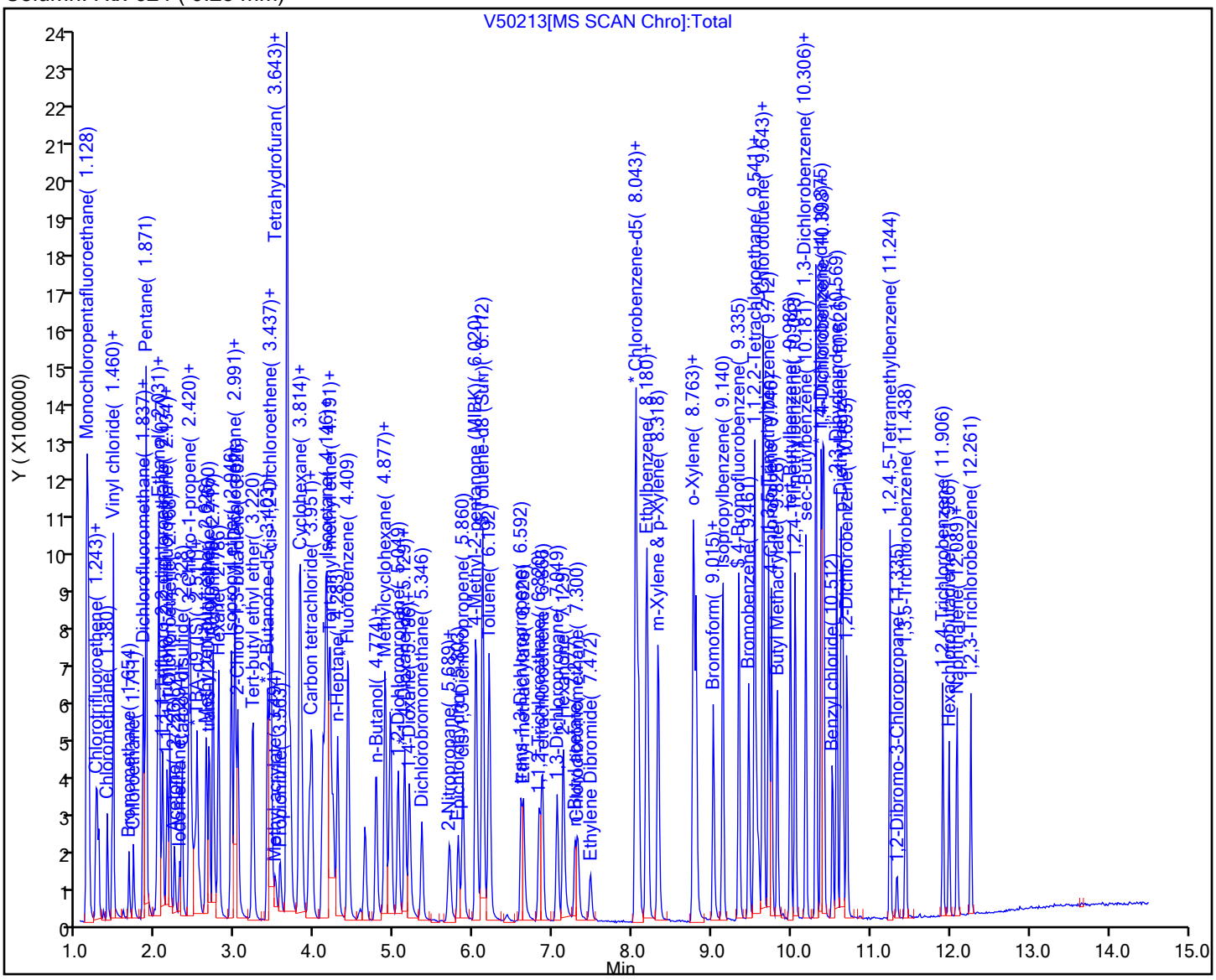
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50213.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2024 11:01:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0172054-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:30:16 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:30:16

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	48.6	97.30
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.5	98.98
$ 82 Toluene-d8 (Surr)	50.0	48.3	96.54
$ 105 4-Bromofluorobenzene	50.0	52.8	105.57

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-958087/5

Matrix: Water | Lab File ID: V50150.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 08:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	21.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	22.0		1.0	0.20
75-34-3	1,1-Dichloroethane	23.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.6		1.0	0.26
107-06-2	1,2-Dichloroethane	21.4		1.0	0.43
78-87-5	1,2-Dichloropropane	22.0		1.0	0.35
591-78-6	2-Hexanone	119		5.0	1.1
67-64-1	Acetone	109		5.0	4.4
71-43-2	Benzene	21.3		1.0	0.20
75-27-4	Bromodichloromethane	19.9		1.0	0.34
75-25-2	Bromoform	16.8		1.0	0.54
74-83-9	Bromomethane	19.3		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.7		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	23.9		1.0	0.32
67-66-3	Chloroform	20.8		1.0	0.33
74-87-3	Chloromethane	25.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.2		1.0	0.22
124-48-1	Dibromochloromethane	17.9		1.0	0.28
100-41-4	Ethylbenzene	19.2		1.0	0.30
78-93-3	Methyl Ethyl Ketone	84.0		5.0	1.9
108-10-1	methyl isobutyl ketone	112		5.0	1.3
75-09-2	Methylene Chloride	19.9		1.0	0.32
100-42-5	Styrene	18.9		1.0	0.42
127-18-4	Tetrachloroethene	17.9		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.22
79-01-6	Trichloroethene	21.2		1.0	0.31
75-01-4	Vinyl chloride	23.1		1.0	0.17
1330-20-7	Xylenes, Total	37.6		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-958087/5

Matrix: Water Lab File ID: V50150.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 08:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	91		77-132
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50150.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 06-Feb-2024 08:51:30 ALS Bottle#: 55 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172003-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:09:37 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 06-Feb-2024 09:43:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.128	1.128	0.000	83	9410	20.0	44.8	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	85	25142	20.0	17.9	
4 1,1-Difluoroethane	65	1.243	1.242	0.001	93	67917	20.0	21.6	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	99	166837	20.0	20.6	
2 Chlorodifluoromethane	67	1.266	1.277	-0.011	99	27979	20.0	20.9	
6 Chloromethane	50	1.380	1.380	0.000	100	239614	20.0	25.4	
7 Vinyl chloride	62	1.437	1.437	0.000	99	226789	20.0	23.1	
8 Butadiene	54	1.460	1.460	0.000	96	233951	20.0	25.4	
9 Bromomethane	94	1.654	1.654	0.000	97	87981	20.0	19.3	
10 Chloroethane	64	1.711	1.711	0.000	100	144125	20.0	23.9	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	98	322168	20.0	21.5	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	96	204171	20.0	21.0	
13 Pentane	72	1.871	1.871	0.000	97	45414	40.0	38.6	
17 Ethanol	46	1.974	1.974	0.000	96	26087	800.0	1112.0	
14 Ethyl ether	74	2.008	2.008	0.000	95	82824	20.0	20.0	
15 2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	97	159444	20.0	22.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.043	-0.012	92	95940	20.0	17.1	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	204559	20.0	22.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	93	124847	20.0	20.7	
52 Acrolein	56	2.146	2.145	0.001	98	28557	40.0	48.8	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	92	111328	20.0	18.6	
23 Acetone	43	2.226	2.225	0.001	84	254772	100.0	109.1	
21 Iodomethane	142	2.294	2.294	0.000	100	93196	20.0	14.1	
24 Isopropyl alcohol	45	2.294	2.294	0.000	75	68002	200.0	220.7	
22 Carbon disulfide	76	2.317	2.328	-0.011	100	405765	20.0	17.4	
30 Methyl acetate	43	2.408	2.408	0.000	97	267320	40.0	54.6	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	95	96693	20.0	20.8	
25 Cyclopentene	67	2.431	2.431	0.000	93	331366	20.0	22.2	
27 Acetonitrile	41	2.454	2.454	0.000	96	171468	200.0	187.2	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	98	39657	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	96	141102	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.545	0.001	97	102492	200.0	166.1	
32 Methyl tert-butyl ether	73	2.626	2.625	0.001	97	431572	20.0	21.4	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	98	133064	20.0	20.1	
35 Acrylonitrile	53	2.706	2.717	-0.011	93	635129	200.0	254.2	
36 Hexane	57	2.786	2.785	0.001	94	238533	20.0	26.2	
37 Isopropyl ether	45	2.946	2.945	0.001	96	641477	20.0	25.7	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	99	316716	20.0	23.1	
40 Vinyl acetate	43	2.991	2.991	0.000	100	840412	40.0	45.5	
39 2-Chloro-1,3-butadiene	88	3.026	3.025	0.001	95	132523	20.0	21.2	
41 Tert-butyl ethyl ether	59	3.209	3.220	-0.011	87	526277	20.0	23.0	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	95	456360	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.414	0.000	96	51165	20.0	21.2	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	81154	100.0	84.0	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	87	148932	20.0	19.9	
47 Ethyl acetate	70	3.437	3.437	0.000	93	29133	40.0	33.6	
46 Methyl acrylate	55	3.494	3.494	0.000	98	135259	20.0	27.0	
48 Propionitrile	54	3.551	3.563	-0.012	98	219409	200.0	257.6	
50 Tetrahydrofuran	72	3.643	3.643	0.000	54	38046	40.0	42.4	
54 Methacrylonitrile	67	3.643	3.643	0.000	97	686973	200.0	244.9	
49 Chlorobromomethane	128	3.643	3.643	0.000	92	61012	20.0	17.6	
51 Chloroform	83	3.689	3.688	0.001	96	261445	20.0	20.8	
53 Cyclohexane	84	3.803	3.803	0.000	98	220235	20.0	22.2	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	95	213448	20.0	19.5	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	94	181040	50.0	45.3	
57 Carbon tetrachloride	117	3.929	3.928	0.001	94	172762	20.0	18.7	
58 1,1-Dichloropropene	75	3.951	3.963	-0.012	91	221233	20.0	22.0	
61 Isobutyl alcohol	43	4.089	4.088	0.001	61	244555	500.0	619.9	
64 Isooctane	57	4.100	4.100	0.000	97	473912	20.0	25.0	
59 Benzene	78	4.134	4.134	0.000	99	619763	20.0	21.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	246836	50.0	49.6	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	92	468304	20.0	21.4	
66 Isopropyl acetate	87	4.192	4.191	0.001	97	125904	20.0	20.0	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	217923	20.0	21.4	
65 n-Heptane	57	4.283	4.283	0.000	99	103357	20.0	26.9	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	746748	50.0	50.0	
70 n-Butanol	56	4.774	4.763	0.011	34	32022	500.0	298.5	
69 Trichloroethene	95	4.763	4.763	0.000	90	147819	20.0	21.2	
72 Methylcyclohexane	83	4.877	4.877	0.000	87	235067	20.0	22.4	
71 Ethyl acrylate	99	4.889	4.889	0.000	94	18482	20.0	18.5	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	166559	20.0	22.0	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	43	19499	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	66795	40.0	39.0	
78 1,4-Dioxane	88	5.174	5.174	0.000	37	21343	400.0	448.5	
75 Dibromomethane	93	5.186	5.186	0.000	89	84260	20.0	19.1	
77 n-Propyl acetate	43	5.186	5.186	0.000	99	257279	20.0	28.1	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	188938	20.0	19.9	
34 2-Nitropropane	41	5.677	5.677	0.000	98	90917	40.0	37.7	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	97	101399	20.0	27.4	
80 Epichlorohydrin	57	5.803	5.803	0.000	99	298590	400.0	381.1	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	97	258294	20.0	21.2	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.020	0.000	99	930818	100.0	112.1	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	869062	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.192	6.192	0.000	92	620870	20.0	19.8	
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	95	229905	20.0	20.7	
86 Ethyl methacrylate	69	6.626	6.626	0.000	96	183678	20.0	22.3	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	93	109585	20.0	22.0	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	116921	20.0	17.9	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	239720	20.0	22.6	
91 2-Hexanone	43	7.129	7.129	0.000	98	609142	100.0	119.1	
92 n-Butyl acetate	43	7.278	7.277	0.001	98	283078	20.0	25.7	
90 Chlorodibromomethane	129	7.312	7.312	0.000	96	116321	20.0	17.9	
93 Ethylene Dibromide	107	7.472	7.472	0.000	97	115771	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	527961	50.0	50.0	
95 Chlorobenzene	112	8.078	8.077	0.001	89	347412	20.0	19.4	
97 Ethylbenzene	106	8.180	8.180	0.000	99	192984	20.0	19.2	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	93	111720	20.0	17.7	
98 m-Xylene & p-Xylene	106	8.329	8.317	0.012	99	239921	20.0	18.8	
100 o-Xylene	106	8.763	8.763	0.000	92	227320	20.0	18.8	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	110175	20.0	20.3	
101 Styrene	104	8.798	8.798	0.000	91	366563	20.0	18.9	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	87	322660	20.0	28.7	
103 Bromoform	173	9.015	9.015	0.000	51	70208	20.0	16.8	
104 Isopropylbenzene	105	9.141	9.140	0.001	97	602356	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.346	9.346	0.000	0	225684	50.0	49.3	
107 Bromobenzene	156	9.461	9.460	0.001	92	133747	20.0	20.2	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	167005	20.0	21.5	
109 N-Propylbenzene	91	9.541	9.540	0.001	98	755543	20.0	22.1	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	95	43343	20.0	19.4	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	86	47276	20.0	23.1	
114 2-Chlorotoluene	91	9.643	9.643	0.000	96	506903	20.0	21.9	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	579949	20.0	20.9	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	458983	20.0	19.4	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	502831	20.0	22.4	
117 Butyl Methacrylate	87	9.826	9.826	0.000	97	151523	20.0	18.9	
118 tert-Butylbenzene	119	9.986	9.986	0.000	91	388174	20.0	19.7	
119 1,2,4-Trimethylbenzene	105	10.044	10.043	0.001	99	470021	20.0	19.7	
120 sec-Butylbenzene	105	10.181	10.180	0.001	98	598943	20.0	21.7	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	77	241476	20.0	19.0	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	96	471016	20.0	20.0	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	239588	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	90	239737	20.0	18.7	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	484576	20.0	20.1	
125 Benzyl chloride	91	10.524	10.523	0.001	97	295773	20.0	20.9	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	93	465360	20.0	19.8	
126 p-Diethylbenzene	119	10.626	10.626	0.000	91	265822	20.0	18.6	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	238097	20.0	21.0	
128 1,2-Dichlorobenzene	146	10.706	10.706	0.000	93	224261	20.0	18.8	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.243	0.001	96	406256	20.0	19.7	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	86	25648	20.0	15.9	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	95	149113	20.0	18.9	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.001	92	133208	20.0	18.8	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	90	51193	20.0	18.6	
134 Naphthalene	128	12.089	12.089	0.000	98	371275	20.0	19.6	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	93	118597	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 137 Xylenes, Total	100				0		40.0	37.6	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.9	
S 139 Total BTEX	1				0		100.0	97.9	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 06-Feb-2024 21:10:29 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50150.D

Injection Date: 06-Feb-2024 08:51:30 Instrument ID: CVOAMS7

Lims ID: LCSD

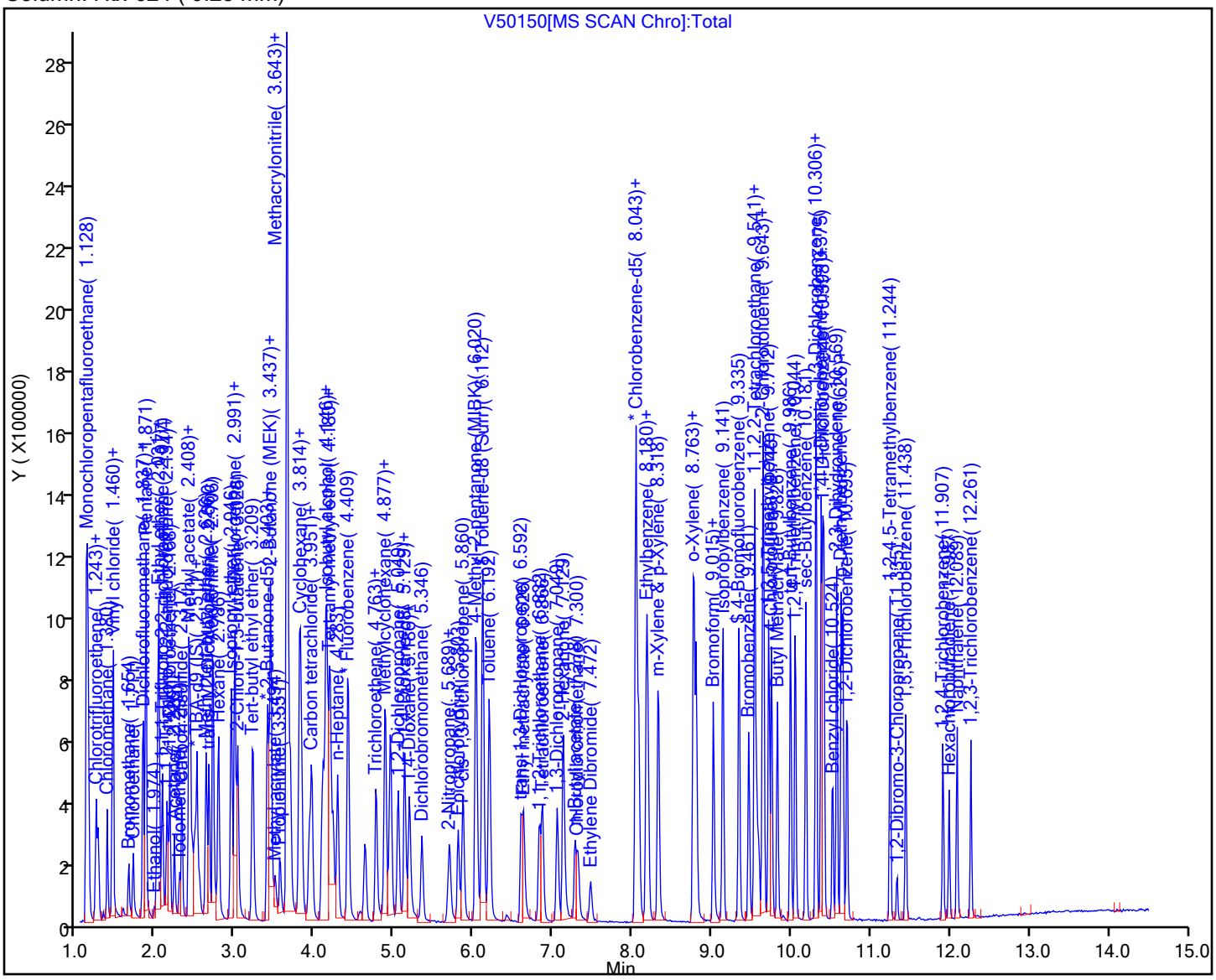
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50150.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 06-Feb-2024 08:51:30 ALS Bottle#: 55 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172003-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:09:37 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: K0HS Date: 06-Feb-2024 09:43:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	45.3	90.69
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.14
$ 82 Toluene-d8 (Surr)	50.0	49.0	97.91
$ 105 4-Bromofluorobenzene	50.0	49.3	98.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-958316/5

Matrix: Water | Lab File ID: V50214.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/07/2024 11:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958316 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.9		1.0	0.20
75-34-3	1,1-Dichloroethane	24.0		1.0	0.26
75-35-4	1,1-Dichloroethene	22.4		1.0	0.26
107-06-2	1,2-Dichloroethane	22.5		1.0	0.43
78-87-5	1,2-Dichloropropane	22.6		1.0	0.35
591-78-6	2-Hexanone	118		5.0	1.1
67-64-1	Acetone	111		5.0	4.4
71-43-2	Benzene	21.9		1.0	0.20
75-27-4	Bromodichloromethane	21.4		1.0	0.34
75-25-2	Bromoform	16.7		1.0	0.54
74-83-9	Bromomethane	18.1		1.0	0.55
75-15-0	Carbon disulfide	20.9		1.0	0.82
56-23-5	Carbon tetrachloride	22.1		1.0	0.21
108-90-7	Chlorobenzene	20.7		1.0	0.38
75-00-3	Chloroethane	20.7		1.0	0.32
67-66-3	Chloroform	22.0		1.0	0.33
74-87-3	Chloromethane	23.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.0		1.0	0.22
124-48-1	Dibromochloromethane	18.6		1.0	0.28
100-41-4	Ethylbenzene	20.6		1.0	0.30
78-93-3	Methyl Ethyl Ketone	88.1		5.0	1.9
108-10-1	methyl isobutyl ketone	113		5.0	1.3
75-09-2	Methylene Chloride	21.3		1.0	0.32
100-42-5	Styrene	19.7		1.0	0.42
127-18-4	Tetrachloroethene	21.4		1.0	0.25
108-88-3	Toluene	20.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	23.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.9		1.0	0.22
79-01-6	Trichloroethene	22.8		1.0	0.31
75-01-4	Vinyl chloride	21.6		1.0	0.17
1330-20-7	Xylenes, Total	40.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-958316/5

Matrix: Water Lab File ID: V50214.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 02/07/2024 11:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958316 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-132
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50214.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2024 11:23:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172054-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:35:31 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:35:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.151	1.117	0.034	69	4291	20.0	21.6	
3 Chlorotrifluoroethene	116	1.220	1.231	-0.011	93	31893	20.0	23.9	
4 1,1-Difluoroethane	65	1.243	1.243	0.000	91	69666	20.0	23.4	
5 Dichlorodifluoromethane	85	1.243	1.254	-0.011	100	157954	20.0	20.6	
2 Chlorodifluoromethane	67	1.266	1.277	-0.011	99	28750	20.0	22.7	
6 Chloromethane	50	1.380	1.380	0.000	100	207627	20.0	23.2	
7 Vinyl chloride	62	1.437	1.437	0.000	99	200507	20.0	21.6	
8 Butadiene	54	1.448	1.460	-0.012	94	210750	20.0	24.1	
9 Bromomethane	94	1.654	1.654	0.000	98	78137	20.0	18.1	
10 Chloroethane	64	1.711	1.711	0.000	99	118172	20.0	20.7	
11 Dichlorofluoromethane	67	1.826	1.837	-0.011	99	306210	20.0	21.6	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	97	215770	20.0	23.4	
13 Pentane	72	1.871	1.871	0.000	96	54860	40.0	49.2	
17 Ethanol	46	1.974	1.986	-0.012	97	20143	800.0	1151.4	
14 Ethyl ether	74	2.008	2.008	0.000	93	85527	20.0	21.8	
15 2-Methyl-1,3-butadiene	53	2.020	2.031	-0.011	95	166849	20.0	24.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.043	-0.012	96	110531	20.0	20.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	203924	20.0	23.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	96	139140	20.0	24.4	
52 Acrolein	56	2.146	2.146	0.000	48	21123	40.0	38.4	
20 1,1-Dichloroethene	96	2.169	2.168	0.000	94	127015	20.0	22.4	
23 Acetone	43	2.226	2.226	0.000	84	202192	100.0	110.7	
21 Iodomethane	142	2.283	2.294	-0.011	100	117716	20.0	18.9	
24 Isopropyl alcohol	45	2.294	2.294	0.000	39	54775	200.0	238.4	a
22 Carbon disulfide	76	2.317	2.328	-0.011	100	461486	20.0	20.9	
26 3-Chloro-1-propene	76	2.409	2.408	0.001	96	99736	20.0	22.6	
30 Methyl acetate	43	2.409	2.408	0.001	97	224375	40.0	48.4	
25 Cyclopentene	67	2.431	2.431	0.000	94	355216	20.0	25.1	
27 Acetonitrile	41	2.454	2.466	-0.012	97	131501	200.0	183.6	a
* 28 TBA-d9 (IS)	66	2.489	2.488	0.001	98	29572	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	97	143206	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.546	0.000	97	75630	200.0	164.4	
32 Methyl tert-butyl ether	73	2.626	2.626	0.000	97	403236	20.0	21.1	
33 trans-1,2-Dichloroethene	96	2.660	2.671	-0.011	99	146592	20.0	23.4	
35 Acrylonitrile	53	2.706	2.717	-0.011	93	516613	200.0	218.4	
36 Hexane	57	2.786	2.786	0.000	94	252843	20.0	29.3	
37 Isopropyl ether	45	2.946	2.946	0.000	96	607857	20.0	25.7	
38 1,1-Dichloroethane	63	2.980	2.991	-0.011	100	312002	20.0	24.0	
40 Vinyl acetate	43	2.991	2.991	0.000	100	761086	40.0	52.7	
39 2-Chloro-1,3-butadiene	88	3.026	3.026	0.000	95	136813	20.0	23.1	
41 Tert-butyl ethyl ether	59	3.209	3.220	-0.011	89	486168	20.0	22.4	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	97	356953	250.0	250.0	
43 2,2-Dichloropropane	97	3.403	3.414	-0.011	95	53458	20.0	23.4	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	93	154439	20.0	21.8	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	66551	100.0	88.1	
47 Ethyl acetate	70	3.437	3.437	0.000	94	25929	40.0	38.1	
46 Methyl acrylate	55	3.494	3.494	0.000	99	110518	20.0	23.3	
48 Propionitrile	54	3.551	3.563	-0.012	97	164774	200.0	204.3	
50 Tetrahydrofuran	72	3.643	3.643	0.000	49	29993	40.0	35.3	
54 Methacrylonitrile	67	3.643	3.643	0.000	97	582994	200.0	219.4	
49 Chlorobromomethane	128	3.643	3.643	0.000	94	67142	20.0	20.5	
51 Chloroform	83	3.689	3.689	0.000	97	262108	20.0	22.0	
53 Cyclohexane	84	3.803	3.803	0.000	97	239270	20.0	25.4	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	98	233474	20.0	22.5	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	96	192522	50.0	50.9	
57 Carbon tetrachloride	117	3.929	3.929	0.000	97	194027	20.0	22.1	
58 1,1-Dichloropropene	75	3.952	3.963	-0.011	93	230023	20.0	24.2	
61 Isobutyl alcohol	43	4.100	4.100	0.000	38	207847	500.0	707.2	a
64 Isooctane	57	4.100	4.100	0.000	97	478875	20.0	26.7	
59 Benzene	78	4.134	4.134	0.000	98	629217	20.0	21.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	98	236434	50.0	50.1	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	91	428983	20.0	20.7	
66 Isopropyl acetate	87	4.192	4.191	0.001	95	120397	20.0	20.2	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	98	216589	20.0	22.5	
65 n-Heptane	57	4.283	4.283	0.000	98	105012	20.0	28.9	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	707159	50.0	50.0	
70 n-Butanol	56	4.774	4.763	0.011	31	25372	500.0	317.2	
69 Trichloroethene	95	4.763	4.774	-0.011	96	150804	20.0	22.8	
72 Methylcyclohexane	83	4.877	4.877	0.000	85	246509	20.0	24.8	a
71 Ethyl acrylate	99	4.877	4.889	-0.012	93	19744	20.0	20.9	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	87	161759	20.0	22.6	
* 68 1,4-Dioxane-d8	96	5.129	5.117	0.012	44	23021	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	62178	40.0	38.3	
78 1,4-Dioxane	88	5.175	5.174	0.000	37	19730	400.0	353.4	
75 Dibromomethane	93	5.186	5.186	0.000	95	84974	20.0	20.3	
77 n-Propyl acetate	43	5.186	5.186	0.000	98	199782	20.0	23.0	
76 Dichlorobromomethane	83	5.346	5.346	0.000	98	192288	20.0	21.4	
34 2-Nitropropane	41	5.677	5.677	0.000	99	71746	40.0	31.4	
79 2-Chloroethyl vinyl ether	63	5.700	5.700	0.000	96	84598	20.0	24.1	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	232920	400.0	380.1	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	252108	20.0	21.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.032	-0.012	99	735441	100.0	113.2	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	854250	50.0	48.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.192	6.192	0.000	93	627897	20.0	20.3	
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	96	218012	20.0	19.9	
86 Ethyl methacrylate	69	6.626	6.626	0.000	95	164887	20.0	20.3	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	93	102632	20.0	20.9	
88 Tetrachloroethene	166	6.866	6.866	0.000	94	138392	20.0	21.4	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	98	224041	20.0	21.4	
91 2-Hexanone	43	7.129	7.129	0.000	98	470072	100.0	117.5	
92 n-Butyl acetate	43	7.278	7.277	0.001	97	240644	20.0	22.1	
90 Chlorodibromomethane	129	7.312	7.312	0.000	97	119194	20.0	18.6	
93 Ethylene Dibromide	107	7.472	7.472	0.000	97	116116	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	89	521957	50.0	50.0	
95 Chlorobenzene	112	8.078	8.078	0.000	92	367681	20.0	20.7	
97 Ethylbenzene	106	8.169	8.180	-0.011	99	204303	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	94	123638	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.318	8.318	0.000	99	248685	20.0	19.7	
100 o-Xylene	106	8.763	8.763	0.000	92	243177	20.0	20.3	
99 n-Butyl acrylate	73	8.775	8.775	0.000	96	93781	20.0	17.5	
101 Styrene	104	8.798	8.798	0.000	93	378127	20.0	19.7	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	88	274890	20.0	22.7	
103 Bromoform	173	9.015	9.015	0.000	54	69011	20.0	16.7	
104 Isopropylbenzene	105	9.141	9.141	0.001	97	630824	20.0	21.2	
$ 105 4-Bromofluorobenzene	174	9.335	9.346	-0.011	0	248533	50.0	55.0	
107 Bromobenzene	156	9.461	9.461	0.000	94	141644	20.0	19.8	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	148286	20.0	17.7	
109 N-Propylbenzene	91	9.541	9.541	0.000	98	757677	20.0	20.5	
115 1,2,3-Trichloropropane	110	9.564	9.563	0.001	96	39367	20.0	16.4	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	87	36264	20.0	16.5	
114 2-Chlorotoluene	91	9.644	9.643	0.001	97	500853	20.0	20.1	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	599767	20.0	20.1	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	490249	20.0	19.2	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	465336	20.0	19.2	
117 Butyl Methacrylate	87	9.826	9.826	0.000	98	145493	20.0	16.8	
118 tert-Butylbenzene	119	9.986	9.986	0.000	94	425268	20.0	20.0	
119 1,2,4-Trimethylbenzene	105	10.044	10.043	0.001	99	489242	20.0	19.0	
120 sec-Butylbenzene	105	10.181	10.181	0.000	98	610862	20.0	20.5	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	72	271746	20.0	19.8	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	495773	20.0	19.5	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	258361	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	92	263108	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	497323	20.0	19.1	
125 Benzyl chloride	91	10.512	10.512	0.000	98	265087	20.0	17.4	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	94	479917	20.0	19.0	
126 p-Diethylbenzene	119	10.626	10.626	0.000	94	284121	20.0	18.4	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	229811	20.0	18.8	
128 1,2-Dichlorobenzene	146	10.695	10.695	0.000	94	246037	20.0	19.1	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.244	0.000	98	418607	20.0	18.8	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	89	24438	20.0	14.0	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	96	169082	20.0	19.9	
131 1,2,4-Trichlorobenzene	180	11.907	11.907	0.001	93	146736	20.0	19.2	
133 Hexachlorobutadiene	225	11.987	11.987	0.001	93	68188	20.0	23.0	
134 Naphthalene	128	12.089	12.089	0.000	99	359940	20.0	17.6	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	96	138402	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.2	
S 137 Xylenes, Total	100				0		40.0	40.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.8	
S 139 Total BTEX	1				0		100.0	102.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 07-Feb-2024 14:35:32 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50214.D

Injection Date: 07-Feb-2024 11:23:30 Instrument ID: CVOAMS7

Lims ID: LCSD

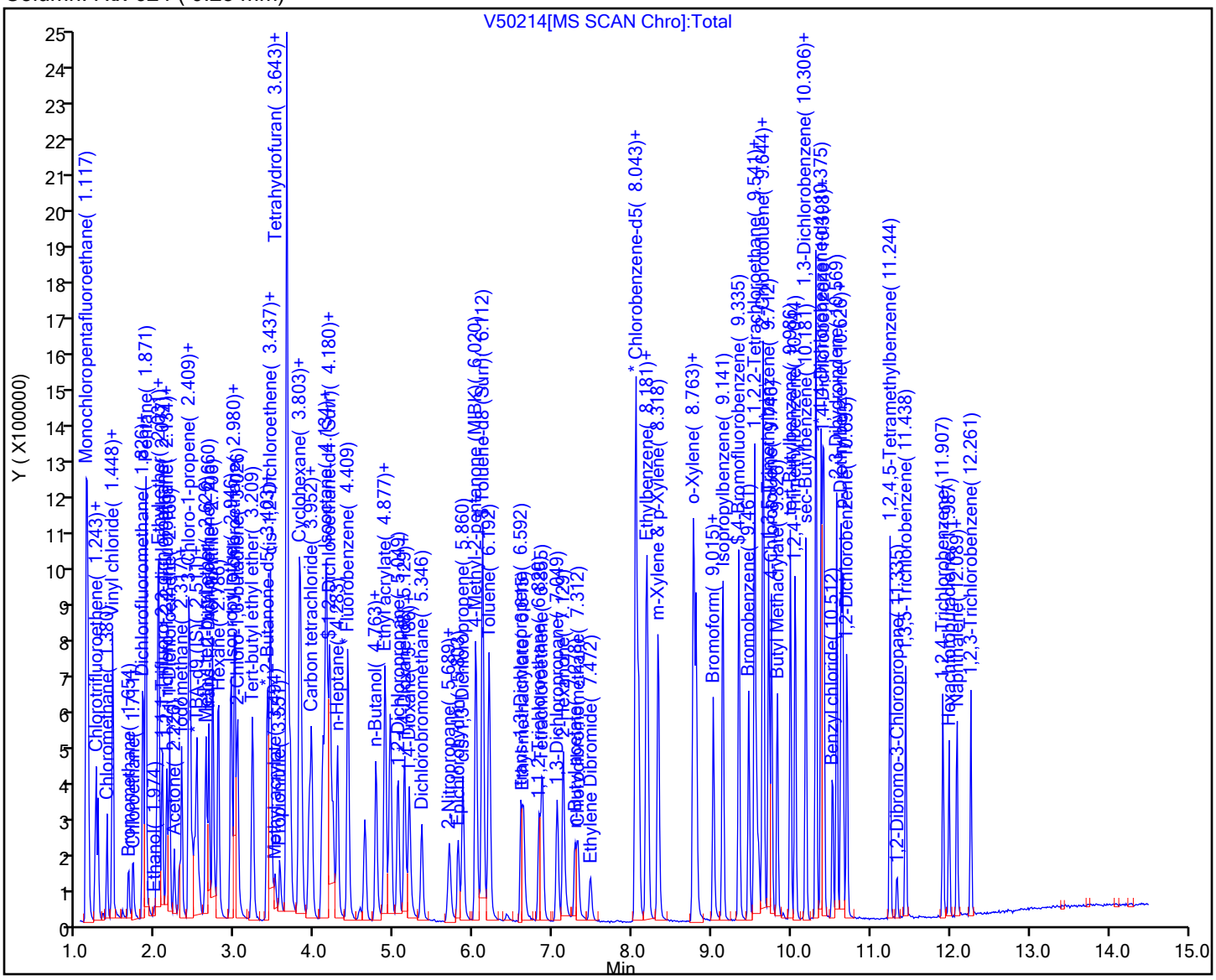
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\V50214.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2024 11:23:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0172054-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240207-172054.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-Feb-2024 14:35:31 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1636

First Level Reviewer: XE5L Date: 07-Feb-2024 14:35:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	50.9	101.84
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.1	100.27
$ 82 Toluene-d8 (Surr)	50.0	48.7	97.35
$ 105 4-Bromofluorobenzene	50.0	55.0	109.94

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-297374-5 MS

Matrix: Water | Lab File ID: V50158.D

Analysis Method: 8260D | Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 11:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.20
75-34-3	1,1-Dichloroethane	23.2		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.26
107-06-2	1,2-Dichloroethane	20.0		1.0	0.43
78-87-5	1,2-Dichloropropane	22.6		1.0	0.35
591-78-6	2-Hexanone	106		5.0	1.1
67-64-1	Acetone	88.9		5.0	4.4
71-43-2	Benzene	21.8		1.0	0.20
75-27-4	Bromodichloromethane	20.0		1.0	0.34
75-25-2	Bromoform	13.9		1.0	0.54
74-83-9	Bromomethane	18.3		1.0	0.55
75-15-0	Carbon disulfide	17.4		1.0	0.82
56-23-5	Carbon tetrachloride	18.5		1.0	0.21
108-90-7	Chlorobenzene	19.4		1.0	0.38
75-00-3	Chloroethane	23.3		1.0	0.32
67-66-3	Chloroform	21.0		1.0	0.33
74-87-3	Chloromethane	26.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.8		1.0	0.22
124-48-1	Dibromochloromethane	16.4		1.0	0.28
100-41-4	Ethylbenzene	19.5		1.0	0.30
78-93-3	Methyl Ethyl Ketone	76.6		5.0	1.9
108-10-1	methyl isobutyl ketone	109		5.0	1.3
75-09-2	Methylene Chloride	20.0		1.0	0.32
100-42-5	Styrene	19.1		1.0	0.42
127-18-4	Tetrachloroethene	30.4		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.2		1.0	0.22
79-01-6	Trichloroethene	20.5		1.0	0.31
75-01-4	Vinyl chloride	24.2		1.0	0.17
1330-20-7	Xylenes, Total	38.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 MS | Lab Sample ID: 460-297374-5 MS

Matrix: Water | Lab File ID: V50158.D

Analysis Method: 8260D | Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 11:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50158.D
Lims ID: 460-297374-B-5 MS
Client ID: A-02
Sample Type: MS
Inject. Date: 06-Feb-2024 11:41:30 ALS Bottle#: 63 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-B-5 MS
Misc. Info.: 460-0172003-013
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:13:43 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: W9CM Date: 06-Feb-2024 21:13:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.105	1.128	-0.023	35	5849	20.0	26.0	
3 Chlorotrifluoroethene	116	1.220	1.231	-0.011	93	34459	20.0	22.9	
4 1,1-Difluoroethane	65	1.231	1.242	-0.011	93	78030	20.0	23.2	
5 Dichlorodifluoromethane	85	1.243	1.254	-0.011	100	194531	20.0	22.5	
2 Chlorodifluoromethane	67	1.266	1.277	-0.011	99	32067	20.0	22.4	
6 Chloromethane	50	1.380	1.380	0.000	100	263013	20.0	26.1	
7 Vinyl chloride	62	1.437	1.437	0.000	99	254073	20.0	24.2	
8 Butadiene	54	1.448	1.460	-0.012	93	263903	20.0	26.8	
9 Bromomethane	94	1.643	1.654	-0.011	98	88924	20.0	18.3	
10 Chloroethane	64	1.711	1.711	0.000	99	150089	20.0	23.3	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	99	354174	20.0	22.1	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	96	233948	20.0	22.5	
13 Pentane	72	1.871	1.871	0.000	97	51278	40.0	40.7	
17 Ethanol	46	1.974	1.974	0.000	74	12095	800.0	711.6	M
14 Ethyl ether	74	2.008	2.008	0.000	94	91382	20.0	20.6	
15 2-Methyl-1,3-butadiene	53	2.020	2.031	-0.011	95	162390	20.0	21.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.031	2.043	-0.012	94	112098	20.0	18.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	216018	20.0	22.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	92	130579	20.0	20.2	
52 Acrolein	56	2.146	2.145	0.001	96	23747	40.0	38.2	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	93	123230	20.0	19.3	
23 Acetone	43	2.226	2.225	0.001	84	171018	100.0	88.9	
21 Iodomethane	142	2.283	2.294	-0.011	98	105655	20.0	15.0	
24 Isopropyl alcohol	45	2.294	2.294	0.000	50	34390	200.0	154.0	
22 Carbon disulfide	76	2.317	2.328	-0.011	100	432437	20.0	17.4	
30 Methyl acetate	43	2.408	2.408	0.000	97	222426	40.0	42.5	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	95	103847	20.0	20.8	
25 Cyclopentene	67	2.431	2.431	0.000	95	349916	20.0	21.9	
27 Acetonitrile	41	2.454	2.454	0.000	94	152803	200.0	203.2	a
* 28 TBA-d9 (IS)	66	2.477	2.488	-0.011	98	28732	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	96	152109	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.545	0.001	98	63495	200.0	142.1	
32 Methyl tert-butyl ether	73	2.626	2.625	0.001	96	405695	20.0	18.8	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	98	146066	20.0	20.6	
35 Acrylonitrile	53	2.706	2.717	-0.011	94	528720	200.0	198.1	
36 Hexane	57	2.786	2.785	0.001	94	239950	20.0	24.7	
37 Isopropyl ether	45	2.946	2.945	0.001	96	656630	20.0	24.6	
38 1,1-Dichloroethane	63	2.980	2.991	-0.011	100	340582	20.0	23.2	
40 Vinyl acetate	43	2.991	2.991	0.000	100	738316	40.0	48.7	
39 2-Chloro-1,3-butadiene	88	3.026	3.025	0.001	95	138725	20.0	20.7	
41 Tert-butyl ethyl ether	59	3.209	3.220	-0.011	88	519103	20.0	21.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	99	374655	250.0	250.0	
43 2,2-Dichloropropane	97	3.403	3.414	-0.011	94	54890	20.0	21.3	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	60784	100.0	76.6	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	89	158674	20.0	19.9	
47 Ethyl acetate	70	3.437	3.437	0.000	94	24140	40.0	33.9	
46 Methyl acrylate	55	3.494	3.494	0.000	99	107210	20.0	20.1	
48 Propionitrile	54	3.551	3.563	-0.012	97	180829	200.0	198.6	
49 Chlorobromomethane	128	3.631	3.643	-0.012	93	62655	20.0	16.9	
50 Tetrahydrofuran	72	3.643	3.643	0.000	49	28322	40.0	29.6	
54 Methacrylonitrile	67	3.643	3.643	0.000	97	577608	200.0	192.6	
51 Chloroform	83	3.689	3.688	0.001	96	282442	20.0	21.0	
53 Cyclohexane	84	3.803	3.803	0.000	97	241981	20.0	22.8	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	94	230320	20.0	19.7	
$ 56 Dibromofluoromethane (Surr)	113	3.826	3.837	-0.011	95	202946	50.0	47.6	
57 Carbon tetrachloride	117	3.929	3.928	0.001	95	182921	20.0	18.5	
58 1,1-Dichloropropene	75	3.951	3.963	-0.012	91	239469	20.0	22.3	
61 Isobutyl alcohol	43	4.100	4.088	0.012	47	195013	500.0	682.7	a
64 Isooctane	57	4.100	4.100	0.000	98	499700	20.0	24.7	
59 Benzene	78	4.134	4.134	0.000	98	665861	20.0	21.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	261152	50.0	49.1	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	91	463188	20.0	19.8	
66 Isopropyl acetate	87	4.192	4.191	0.001	95	123509	20.0	18.4	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	217953	20.0	20.0	
65 n-Heptane	57	4.283	4.283	0.000	97	106395	20.0	25.9	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	798237	50.0	50.0	
70 n-Butanol	56	4.809	4.763	0.046	95	12115	500.0	155.9	
69 Trichloroethene	95	4.763	4.763	0.000	94	152943	20.0	20.5	
72 Methylcyclohexane	83	4.877	4.877	0.000	85	248809	20.0	22.2	
71 Ethyl acrylate	99	4.889	4.889	0.000	94	19571	20.0	18.4	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	88	182931	20.0	22.6	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	86	18435	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	94	56693	40.0	30.9	
78 1,4-Dioxane	88	5.174	5.174	0.000	85	11073	400.0	249.4	
75 Dibromomethane	93	5.186	5.186	0.000	95	84671	20.0	17.9	
77 n-Propyl acetate	43	5.186	5.186	0.000	98	203329	20.0	20.7	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	202950	20.0	20.0	
34 2-Nitropropane	41	5.677	5.677	0.000	98	66548	40.0	25.8	
80 Epichlorohydrin	57	5.803	5.803	0.000	99	210678	400.0	327.5	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	266629	20.0	20.8	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.020	0.000	99	741620	100.0	108.8	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	98	929038	50.0	49.8	
83 Toluene	91	6.192	6.192	0.000	92	655918	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	96	235305	20.0	20.2	
86 Ethyl methacrylate	69	6.626	6.626	0.000	93	168399	20.0	19.5	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	92	109887	20.0	21.0	
88 Tetrachloroethene	166	6.866	6.866	0.000	93	208977	20.0	30.4	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	97	237082	20.0	21.3	
91 2-Hexanone	43	7.129	7.129	0.000	99	444534	100.0	105.9	
92 n-Butyl acetate	43	7.278	7.277	0.001	97	214232	20.0	18.5	
90 Chlorodibromomethane	129	7.312	7.312	0.000	97	111982	20.0	16.4	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	112631	20.0	18.2	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	555014	50.0	50.0	
95 Chlorobenzene	112	8.078	8.077	0.001	89	365310	20.0	19.4	
97 Ethylbenzene	106	8.180	8.180	0.000	99	205554	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	92	115080	20.0	17.3	
98 m-Xylene & p-Xylene	106	8.318	8.317	0.001	99	249955	20.0	18.6	
100 o-Xylene	106	8.763	8.763	0.000	92	246782	20.0	19.4	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	96213	20.0	16.9	
101 Styrene	104	8.798	8.798	0.000	93	390187	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	88	272695	20.0	22.8	
103 Bromoform	173	9.015	9.015	0.000	93	61270	20.0	13.9	
104 Isopropylbenzene	105	9.141	9.140	0.001	97	634303	20.0	20.1	
$ 105 4-Bromofluorobenzene	174	9.335	9.346	-0.011	0	230361	50.0	47.9	
107 Bromobenzene	156	9.461	9.460	0.001	91	135225	20.0	19.2	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	97	153618	20.0	18.6	
109 N-Propylbenzene	91	9.541	9.540	0.001	98	811034	20.0	22.3	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	95	38024	20.0	16.0	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	88	38628	20.0	17.8	
114 2-Chlorotoluene	91	9.643	9.643	0.000	96	526528	20.0	21.4	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	629858	20.0	21.4	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	486945	20.0	19.3	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	505816	20.0	21.1	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	151916	20.0	17.8	
118 tert-Butylbenzene	119	9.986	9.986	0.000	90	419299	20.0	20.0	
119 1,2,4-Trimethylbenzene	105	10.044	10.043	0.001	99	508521	20.0	20.0	
120 sec-Butylbenzene	105	10.181	10.180	0.001	98	642976	20.0	21.8	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	70	261112	20.0	19.3	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	96	498568	20.0	19.9	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	98	255093	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	90	253932	20.0	18.6	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	512376	20.0	20.0	
125 Benzyl chloride	91	10.512	10.523	-0.011	97	245807	20.0	16.3	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	94	487012	20.0	19.5	
126 p-Diethylbenzene	119	10.626	10.626	0.000	94	291391	20.0	19.1	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	244228	20.0	20.2	
128 1,2-Dichlorobenzene	146	10.695	10.706	-0.011	93	239415	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.243	0.001	96	419035	20.0	19.1	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	87	22021	20.0	12.8	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	94	156924	20.0	18.7	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.001	92	136548	20.0	18.1	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	90	55998	20.0	19.1	
134 Naphthalene	128	12.089	12.089	0.000	98	322033	20.0	16.0	
168 2-Ethylhexyl acrylate	55	12.078	12.089	-0.011	44	720		NC	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	94	118119	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 137 Xylenes, Total	100				0		40.0	38.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	41.0	
S 139 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 06-Feb-2024 21:13:43 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50158.D

Injection Date: 06-Feb-2024 11:41:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-B-5 MS

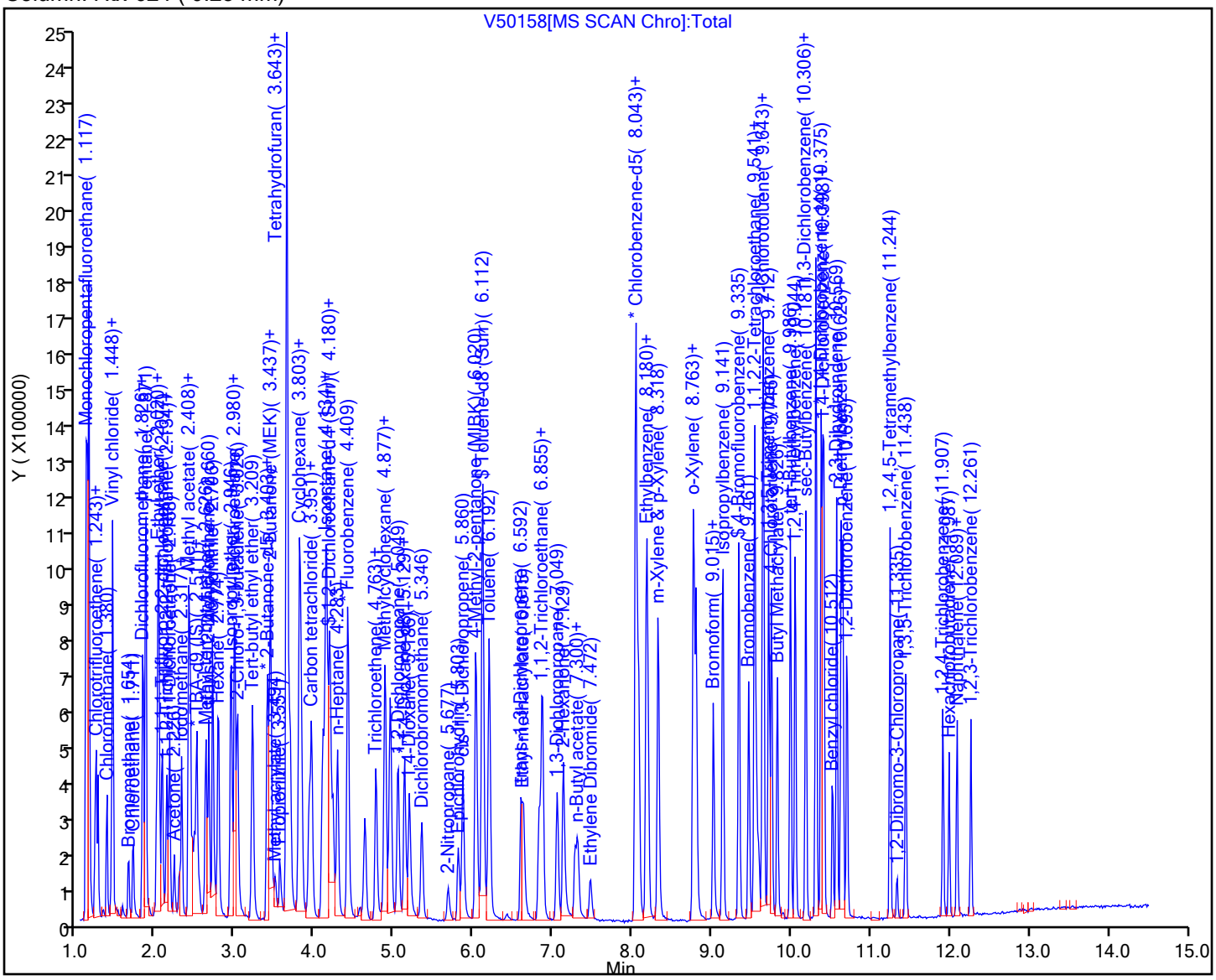
Client ID: A-02

Operator ID: ALS Bottle#: 63 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50158.D				
Lims ID:	460-297374-B-5 MS				
Client ID:	A-02				
Sample Type:	MS				
Inject. Date:	06-Feb-2024 11:41:30	ALS Bottle#:	63	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-B-5 MS				
Misc. Info.:	460-0172003-013				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 21:13:43	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

First Level Reviewer: W9CM Date: 06-Feb-2024 21:13:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.6	95.10
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.12
$ 82 Toluene-d8 (Surr)	50.0	49.8	99.56
$ 105 4-Bromofluorobenzene	50.0	47.9	95.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 MSD | Lab Sample ID: 460-297374-5 MSD

Matrix: Water | Lab File ID: V50159.D

Analysis Method: 8260D | Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/06/2024 12:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 958087 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.8		1.0	0.20
75-34-3	1,1-Dichloroethane	23.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.26
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
591-78-6	2-Hexanone	112		5.0	1.1
67-64-1	Acetone	93.7		5.0	4.4
71-43-2	Benzene	21.9		1.0	0.20
75-27-4	Bromodichloromethane	19.8		1.0	0.34
75-25-2	Bromoform	14.6		1.0	0.54
74-83-9	Bromomethane	18.6		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	17.8		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	24.4		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	26.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
124-48-1	Dibromochloromethane	17.4		1.0	0.28
100-41-4	Ethylbenzene	19.9		1.0	0.30
78-93-3	Methyl Ethyl Ketone	81.3		5.0	1.9
108-10-1	methyl isobutyl ketone	112		5.0	1.3
75-09-2	Methylene Chloride	18.9		1.0	0.32
100-42-5	Styrene	19.1		1.0	0.42
127-18-4	Tetrachloroethene	30.7		1.0	0.25
108-88-3	Toluene	20.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.22
79-01-6	Trichloroethene	20.5		1.0	0.31
75-01-4	Vinyl chloride	22.7		1.0	0.17
1330-20-7	Xylenes, Total	38.7		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Client Sample ID: A-02 MSD Lab Sample ID: 460-297374-5 MSD

Matrix: Water Lab File ID: V50159.D

Analysis Method: 8260D Date Collected: 01/31/2024 10:55

Sample wt/vol: 5(mL) Date Analyzed: 02/06/2024 12:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) Heated Purge: (Y/N) N pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 958087 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-132
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50159.D
Lims ID: 460-297374-A-5 MSD
Client ID: A-02
Sample Type: MSD
Inject. Date: 06-Feb-2024 12:03:30 ALS Bottle#: 64 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-297374-A-5 MSD
Misc. Info.: 460-0172003-014
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 06-Feb-2024 21:14:29 Calib Date: 05-Jan-2024 09:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1632

First Level Reviewer: W9CM Date: 06-Feb-2024 21:14:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.140	1.128	0.012	65	9746	20.0	42.0	
3 Chlorotrifluoroethene	116	1.231	1.231	0.000	91	35410	20.0	22.8	
4 1,1-Difluoroethane	65	1.243	1.242	0.001	90	79695	20.0	22.9	
5 Dichlorodifluoromethane	85	1.254	1.254	0.000	99	188928	20.0	21.2	
2 Chlorodifluoromethane	67	1.266	1.277	-0.011	99	32237	20.0	21.8	
6 Chloromethane	50	1.380	1.380	0.000	100	272832	20.0	26.2	
7 Vinyl chloride	62	1.437	1.437	0.000	99	245615	20.0	22.7	
8 Butadiene	54	1.460	1.460	0.000	97	266203	20.0	26.2	
9 Bromomethane	94	1.654	1.654	0.000	98	93424	20.0	18.6	
10 Chloroethane	64	1.711	1.711	0.000	99	162927	20.0	24.4	
11 Dichlorofluoromethane	67	1.826	1.825	0.001	98	363982	20.0	22.0	
12 Trichlorofluoromethane	101	1.837	1.837	0.000	95	227581	20.0	21.2	
13 Pentane	72	1.871	1.871	0.000	97	49847	40.0	38.3	
17 Ethanol	46	1.974	1.974	0.000	96	18949	800.0	923.0	
14 Ethyl ether	74	2.008	2.008	0.000	94	85935	20.0	18.8	
15 2-Methyl-1,3-butadiene	53	2.031	2.031	0.000	98	172710	20.0	21.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.043	2.043	0.000	93	105934	20.0	17.1	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.077	2.077	0.000	97	217895	20.0	21.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.134	2.134	0.000	91	127801	20.0	19.2	
52 Acrolein	56	2.146	2.145	0.001	97	23259	40.0	36.3	
20 1,1-Dichloroethene	96	2.168	2.168	0.000	92	124274	20.0	18.8	
23 Acetone	43	2.226	2.225	0.001	85	191164	100.0	93.7	
21 Iodomethane	142	2.294	2.294	0.000	99	107650	20.0	14.8	
24 Isopropyl alcohol	45	2.294	2.294	0.000	62	59077	200.0	219.1	
22 Carbon disulfide	76	2.317	2.328	-0.011	100	435416	20.0	17.0	
30 Methyl acetate	43	2.408	2.408	0.000	76	237153	40.0	43.9	
26 3-Chloro-1-propene	76	2.408	2.408	0.000	88	105567	20.0	20.5	
25 Cyclopentene	67	2.431	2.431	0.000	94	337125	20.0	20.5	
27 Acetonitrile	41	2.454	2.454	0.000	94	171571	200.0	215.0	a
* 28 TBA-d9 (IS)	66	2.488	2.488	0.000	97	34704	1000.0	1000.0	
29 Methylene Chloride	84	2.511	2.511	0.000	96	147908	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.546	2.545	0.001	98	91952	200.0	170.3	
32 Methyl tert-butyl ether	73	2.626	2.625	0.001	97	422955	20.0	19.0	
33 trans-1,2-Dichloroethene	96	2.660	2.660	0.000	97	145270	20.0	19.9	
35 Acrylonitrile	53	2.717	2.717	0.000	93	583661	200.0	211.8	
36 Hexane	57	2.786	2.785	0.001	95	237331	20.0	23.6	
37 Isopropyl ether	45	2.946	2.945	0.001	96	684214	20.0	24.8	
38 1,1-Dichloroethane	63	2.991	2.991	0.000	98	349720	20.0	23.1	
40 Vinyl acetate	43	2.991	2.991	0.000	100	799931	40.0	49.7	
39 2-Chloro-1,3-butadiene	88	3.026	3.025	0.001	95	138603	20.0	20.0	
41 Tert-butyl ethyl ether	59	3.209	3.220	-0.011	88	536989	20.0	21.2	
* 42 2-Butanone-d5	46	3.391	3.391	0.000	96	397701	250.0	250.0	
43 2,2-Dichloropropane	97	3.414	3.414	0.000	93	56184	20.0	21.1	
44 2-Butanone (MEK)	72	3.437	3.437	0.000	95	68461	100.0	81.3	
45 cis-1,2-Dichloroethene	96	3.437	3.437	0.000	89	157594	20.0	19.1	
47 Ethyl acetate	70	3.449	3.437	0.012	93	28523	40.0	37.6	
46 Methyl acrylate	55	3.494	3.494	0.000	98	118425	20.0	21.5	
48 Propionitrile	54	3.563	3.563	0.000	98	194577	200.0	207.0	
50 Tetrahydrofuran	72	3.643	3.643	0.000	48	36455	40.0	36.9	
54 Methacrylonitrile	67	3.643	3.643	0.000	97	638929	200.0	206.3	
49 Chlorobromomethane	128	3.643	3.643	0.000	91	68569	20.0	17.9	
51 Chloroform	83	3.689	3.688	0.001	96	280017	20.0	20.2	
53 Cyclohexane	84	3.803	3.803	0.000	98	242983	20.0	22.2	
55 1,1,1-Trichloroethane	97	3.814	3.814	0.000	97	233649	20.0	19.3	
$ 56 Dibromofluoromethane (Surr)	113	3.837	3.837	0.000	96	208238	50.0	47.3	
57 Carbon tetrachloride	117	3.929	3.928	0.001	96	182175	20.0	17.8	
58 1,1-Dichloropropene	75	3.951	3.963	-0.012	91	238156	20.0	21.5	
61 Isobutyl alcohol	43	4.089	4.088	0.001	60	221264	500.0	641.0	
64 Isooctane	57	4.100	4.100	0.000	97	498376	20.0	23.8	
59 Benzene	78	4.134	4.134	0.000	98	665289	20.0	21.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.157	4.157	0.000	97	261719	50.0	47.6	
62 Tert-amyl methyl ether	73	4.192	4.191	0.001	91	465140	20.0	19.3	
66 Isopropyl acetate	87	4.192	4.191	0.001	94	123608	20.0	17.8	
63 1,2-Dichloroethane	62	4.226	4.226	0.000	96	228490	20.0	20.3	
65 n-Heptane	57	4.283	4.283	0.000	98	105358	20.0	24.9	
* 67 Fluorobenzene	96	4.409	4.420	-0.011	97	824119	50.0	50.0	
70 n-Butanol	56	4.706	4.763	-0.057	60	688	500.0	7.33	
69 Trichloroethene	95	4.763	4.763	0.000	92	158132	20.0	20.5	
72 Methylcyclohexane	83	4.877	4.877	0.000	85	253132	20.0	21.8	
71 Ethyl acrylate	99	4.877	4.889	-0.012	95	17984	20.0	16.3	
73 1,2-Dichloropropane	63	5.049	5.049	0.000	86	179918	20.0	21.5	
* 68 1,4-Dioxane-d8	96	5.117	5.117	0.000	44	19937	1000.0	1000.0	
74 Methyl methacrylate	100	5.129	5.129	0.000	95	62798	40.0	33.2	
78 1,4-Dioxane	88	5.174	5.174	0.000	39	19717	400.0	406.3	
75 Dibromomethane	93	5.186	5.186	0.000	94	83435	20.0	17.1	
77 n-Propyl acetate	43	5.186	5.186	0.000	98	234893	20.0	23.2	
76 Dichlorobromomethane	83	5.346	5.346	0.000	97	207064	20.0	19.8	
34 2-Nitropropane	41	5.677	5.677	0.000	98	70474	40.0	26.4	
80 Epichlorohydrin	57	5.803	5.803	0.000	100	233325	400.0	341.7	
81 cis-1,3-Dichloropropene	75	5.860	5.860	0.000	98	272324	20.0	21.4	
84 4-Methyl-2-pentanone (MIBK)	43	6.020	6.020	0.000	99	810168	100.0	111.9	
$ 82 Toluene-d8 (Surr)	98	6.112	6.112	0.000	97	959571	50.0	51.7	
83 Toluene	91	6.192	6.192	0.000	92	668855	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.592	6.592	0.000	95	239268	20.0	20.6	
86 Ethyl methacrylate	69	6.626	6.626	0.000	93	187501	20.0	21.8	
87 1,1,2-Trichloroethane	83	6.820	6.820	0.000	92	112929	20.0	21.8	
88 Tetrachloroethene	166	6.866	6.866	0.000	92	209939	20.0	30.7	
89 1,3-Dichloropropane	76	7.049	7.049	0.000	96	241914	20.0	21.8	
91 2-Hexanone	43	7.129	7.129	0.000	98	498948	100.0	111.9	
92 n-Butyl acetate	43	7.278	7.277	0.001	97	253657	20.0	22.1	
90 Chlorodibromomethane	129	7.312	7.312	0.000	96	118112	20.0	17.4	
93 Ethylene Dibromide	107	7.472	7.472	0.000	98	111829	20.0	18.2	
* 94 Chlorobenzene-d5	117	8.043	8.043	0.000	91	551489	50.0	50.0	
95 Chlorobenzene	112	8.078	8.077	0.001	90	372686	20.0	19.9	
97 Ethylbenzene	106	8.180	8.180	0.000	99	208711	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	8.192	8.192	0.000	92	118663	20.0	18.0	
98 m-Xylene & p-Xylene	106	8.318	8.317	0.001	99	254615	20.0	19.1	
100 o-Xylene	106	8.763	8.763	0.000	92	247531	20.0	19.6	
99 n-Butyl acrylate	73	8.775	8.775	0.000	95	103790	20.0	18.3	
101 Styrene	104	8.798	8.798	0.000	90	386746	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.015	9.015	0.000	87	301662	20.0	25.2	
103 Bromoform	173	9.015	9.015	0.000	51	63955	20.0	14.6	
104 Isopropylbenzene	105	9.141	9.140	0.001	97	651032	20.0	20.7	
$ 105 4-Bromofluorobenzene	174	9.335	9.346	-0.011	0	238906	50.0	50.0	
107 Bromobenzene	156	9.461	9.460	0.001	91	134820	20.0	19.1	
108 1,1,2,2-Tetrachloroethane	83	9.529	9.529	0.000	98	157747	20.0	19.1	
109 N-Propylbenzene	91	9.541	9.540	0.001	98	819199	20.0	22.5	
115 1,2,3-Trichloropropane	110	9.563	9.563	0.000	95	39543	20.0	16.7	
112 trans-1,4-Dichloro-2-butene	53	9.586	9.586	0.000	86	41341	20.0	19.0	
114 2-Chlorotoluene	91	9.643	9.643	0.000	96	534127	20.0	21.7	
113 4-Ethyltoluene	105	9.655	9.655	0.000	97	613912	20.0	20.9	
116 1,3,5-Trimethylbenzene	105	9.712	9.712	0.000	92	492613	20.0	19.6	
110 4-Chlorotoluene	91	9.746	9.746	0.000	99	546108	20.0	22.9	
117 Butyl Methacrylate	87	9.826	9.826	0.000	96	155108	20.0	18.2	
118 tert-Butylbenzene	119	9.986	9.986	0.000	91	423049	20.0	20.2	
119 1,2,4-Trimethylbenzene	105	10.044	10.043	0.001	99	494063	20.0	19.4	
120 sec-Butylbenzene	105	10.181	10.180	0.001	98	641684	20.0	21.8	
122 1,3-Dichlorobenzene	146	10.306	10.306	0.000	72	258855	20.0	19.1	
121 4-Isopropyltoluene	119	10.306	10.306	0.000	97	486904	20.0	19.4	
* 106 1,4-Dichlorobenzene-d4	152	10.375	10.375	0.000	97	254617	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.398	10.398	0.000	90	252646	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	10.409	10.409	0.000	99	506958	20.0	19.8	
125 Benzyl chloride	91	10.512	10.523	-0.011	97	268517	20.0	17.9	
111 2,3-Dihydroindene	117	10.569	10.569	0.000	93	489279	20.0	19.6	
126 p-Diethylbenzene	119	10.626	10.626	0.000	91	281170	20.0	18.5	
127 n-Butylbenzene	92	10.649	10.649	0.000	98	237258	20.0	19.7	
128 1,2-Dichlorobenzene	146	10.695	10.706	-0.011	92	239309	20.0	18.9	
130 1,2,4,5-Tetramethylbenzene	119	11.244	11.243	0.001	97	427240	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	11.335	11.335	0.000	89	23618	20.0	13.7	
132 1,3,5-Trichlorobenzene	180	11.438	11.438	0.000	94	156964	20.0	18.7	
131 1,2,4-Trichlorobenzene	180	11.907	11.906	0.001	92	136758	20.0	18.2	
133 Hexachlorobutadiene	225	11.987	11.986	0.001	91	57065	20.0	19.5	
134 Naphthalene	128	12.089	12.089	0.000	98	350208	20.0	17.4	
168 2-Ethylhexyl acrylate	55	12.021	12.089	-0.068	1	182		NC	
135 1,2,3-Trichlorobenzene	180	12.261	12.261	0.000	94	121928	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 137 Xylenes, Total	100				0		40.0	38.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	42.1	
S 139 Total BTEX	1				0		100.0	100.9	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00182	Amount Added: 20.00	Units: uL		
ACROLEIN W_00165	Amount Added: 4.00	Units: uL		
524FREONS_00014	Amount Added: 20.00	Units: uL		
GASES Li_00570	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00243	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 06-Feb-2024 21:14:30 Chrom Revision: 2.3 02-Feb-2024 10:24:08

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50159.D

Injection Date: 06-Feb-2024 12:03:30 Instrument ID: CVOAMS7

Lims ID: 460-297374-A-5 MSD

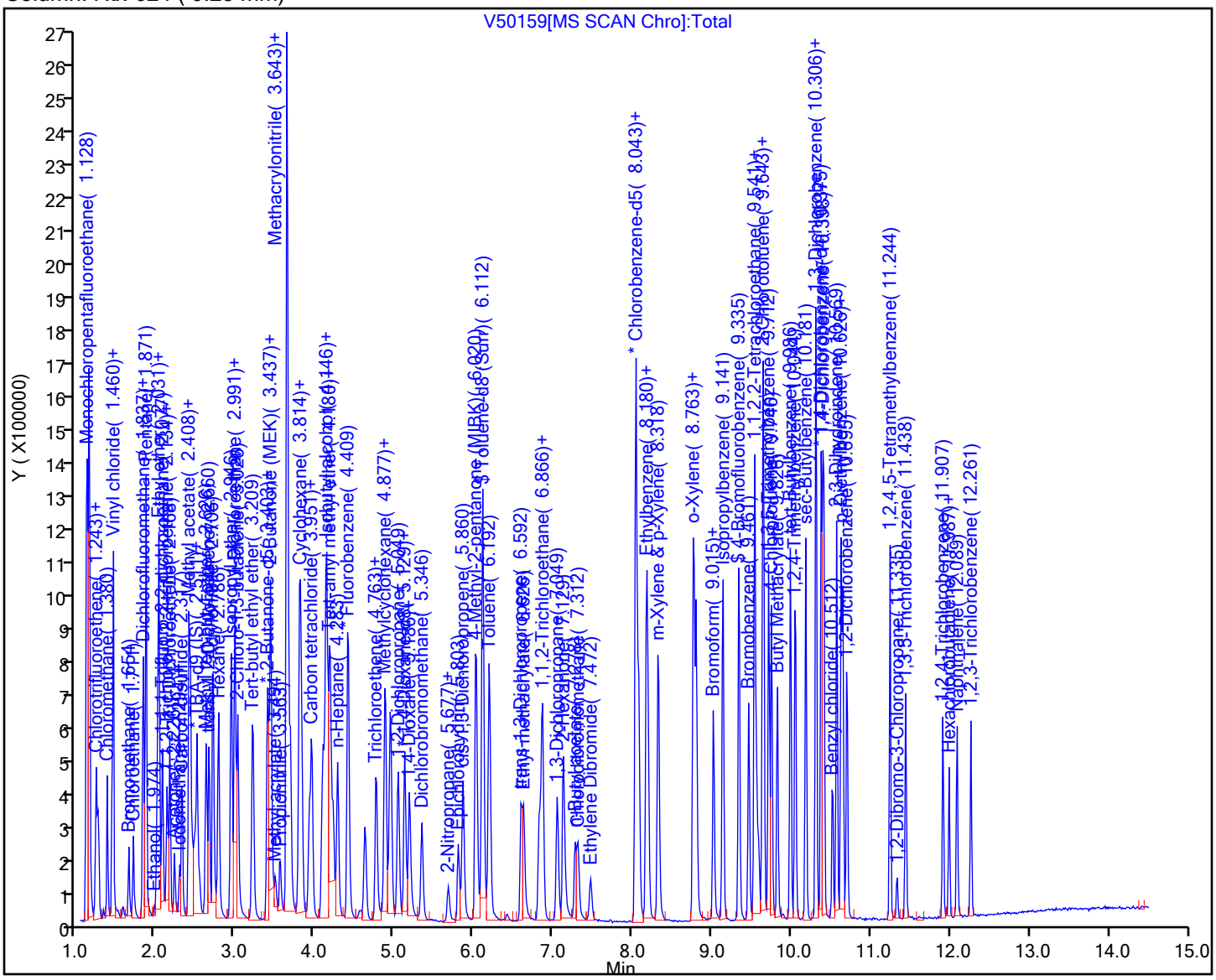
Client ID: A-02

Operator ID: ALS Bottle#: 64 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\V50159.D				
Lims ID:	460-297374-A-5 MSD				
Client ID:	A-02				
Sample Type:	MSD				
Inject. Date:	06-Feb-2024 12:03:30	ALS Bottle#:	64	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-297374-A-5 MSD				
Misc. Info.:	460-0172003-014				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20240206-172003.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	06-Feb-2024 21:14:29	Calib Date:	05-Jan-2024 09:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20240104-170980.b\V49196.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1632				

First Level Reviewer: W9CM Date: 06-Feb-2024 21:14:29

Compound	Amount Added	Amount Recovered	% Rec.
$ 56 Dibromofluoromethane (Surr)	50.0	47.3	94.52
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.24
$ 82 Toluene-d8 (Surr)	50.0	51.7	103.49
$ 105 4-Bromofluorobenzene	50.0	50.0	100.02

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 01/04/2024 23:02

Analysis Batch Number: 953474 End Date: 01/05/2024 09:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-953474/1		01/04/2024 23:02	1	V49181.D	Rtx-624 0.25(mm)
STD8 460-953474/3 IC		01/04/2024 23:54	1	V49183.D	Rtx-624 0.25(mm)
STD05 460-953474/4 IC		01/05/2024 00:15	1	V49184.D	Rtx-624 0.25(mm)
STD5 460-953474/6 IC		01/05/2024 00:58	1	V49186.D	Rtx-624 0.25(mm)
STD20 460-953474/7 ICIS		01/05/2024 01:19	1	V49187.D	Rtx-624 0.25(mm)
STD50 460-953474/8 IC		01/05/2024 01:41	1	V49188.D	Rtx-624 0.25(mm)
STD200 460-953474/9 IC		01/05/2024 02:02	1	V49189.D	Rtx-624 0.25(mm)
STD500 460-953474/10 IC		01/05/2024 02:23	1	V49190.D	Rtx-624 0.25(mm)
STD1 460-953474/16 IC		01/05/2024 09:04	1	V49196.D	Rtx-624 0.25(mm)
ICV 460-953474/18		01/05/2024 09:46	1	V49198.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 02/06/2024 07:46

Analysis Batch Number: 958087 End Date: 02/06/2024 17:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-958087/2		02/06/2024 07:46	1	V50147.D	Rtx-624 0.25(mm)
LCS 460-958087/4		02/06/2024 08:29	1	V50149.D	Rtx-624 0.25(mm)
LCSD 460-958087/5		02/06/2024 08:51	1	V50150.D	Rtx-624 0.25(mm)
MB 460-958087/9		02/06/2024 10:17	1	V50154.D	Rtx-624 0.25(mm)
ZZZZZ		02/06/2024 10:38	1		Rtx-624 0.25(mm)
ZZZZZ		02/06/2024 10:59	2		Rtx-624 0.25(mm)
ZZZZZ		02/06/2024 11:20	1		Rtx-624 0.25(mm)
460-297374-5 MS	A-02 MS	02/06/2024 11:41	1	V50158.D	Rtx-624 0.25(mm)
460-297374-5 MSD	A-02 MSD	02/06/2024 12:03	1	V50159.D	Rtx-624 0.25(mm)
460-297374-13	FB0131	02/06/2024 13:06	1	V50162.D	Rtx-624 0.25(mm)
460-297374-14	Trip Blank	02/06/2024 13:28	1	V50163.D	Rtx-624 0.25(mm)
460-297374-5	A-02	02/06/2024 13:49	1	V50164.D	Rtx-624 0.25(mm)
460-297374-1	A-15	02/06/2024 14:10	1	V50165.D	Rtx-624 0.25(mm)
460-297374-2	ME-8	02/06/2024 14:32	1	V50166.D	Rtx-624 0.25(mm)
460-297374-3	ME-13	02/06/2024 14:53	1	V50167.D	Rtx-624 0.25(mm)
460-297374-8	A-07	02/06/2024 16:18	1	V50171.D	Rtx-624 0.25(mm)
460-297374-10	A-05	02/06/2024 16:39	1	V50172.D	Rtx-624 0.25(mm)
460-297374-11	A-09	02/06/2024 17:00	1	V50173.D	Rtx-624 0.25(mm)
460-297374-12	A-10	02/06/2024 17:21	1	V50174.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 02/07/2024 08:10

Analysis Batch Number: 958316 End Date: 02/07/2024 18:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-958316/3		02/07/2024 08:10	1	V50212.D	Rtx-624 0.25(mm)
LCS 460-958316/4		02/07/2024 11:01	1	V50213.D	Rtx-624 0.25(mm)
LCSD 460-958316/5		02/07/2024 11:23	1	V50214.D	Rtx-624 0.25(mm)
MB 460-958316/9		02/07/2024 12:47	1	V50218.D	Rtx-624 0.25(mm)
460-297374-4	MW-113	02/07/2024 13:30	1	V50220.D	Rtx-624 0.25(mm)
460-297374-6	A-06	02/07/2024 13:51	1	V50221.D	Rtx-624 0.25(mm)
460-297374-7	A-066	02/07/2024 14:12	1	V50222.D	Rtx-624 0.25(mm)
460-297374-9	A-08	02/07/2024 14:33	2	V50223.D	Rtx-624 0.25(mm)
ZZZZZ		02/07/2024 17:23	1		Rtx-624 0.25(mm)
ZZZZZ		02/07/2024 17:44	10		Rtx-624 0.25(mm)
ZZZZZ		02/07/2024 18:05	5		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 953474 Batch Start Date: 01/04/24 23:02 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00164	524FREONS 00012	7 Freons Hi 00009	7 Freons SS 00009
BFB 460-953474/1		8260D		5 mL	5 mL				
STD8 460-953474/3 IC		8260D		5 mL	5 mL				
STD05 460-953474/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		
STD5 460-953474/6 IC		8260D		5 mL	5 mL		10 uL		
STD20 460-953474/7 ICIS		8260D		5 mL	5 mL		20 uL		
STD50 460-953474/8 IC		8260D		5 mL	5 mL		50 uL		
STD200 460-953474/9 IC		8260D		5 mL	5 mL			20 uL	
STD500 460-953474/10 IC		8260D		5 mL	5 mL			50 uL	
STD1 460-953474/16 IC		8260D		5 mL	5 mL	30 uL	10 uL		
ICV 460-953474/18		8260D		5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00175	8260ISNEW 00171	8260MIX1COMB 00181	8260SURR250 00243	ACROLEIN SP 00160	ACROLEIN W 00164
BFB 460-953474/1		8260D							
STD8 460-953474/3 IC		8260D			1 uL		1 uL		
STD05 460-953474/4 IC		8260D			1 uL	5 uL	1 uL		2 uL
STD5 460-953474/6 IC		8260D			1 uL	10 uL	1 uL		4 uL
STD20 460-953474/7 ICIS		8260D			1 uL	20 uL	1 uL		4 uL
STD50 460-953474/8 IC		8260D			1 uL	50 uL	1 uL		10 uL
STD200 460-953474/9 IC		8260D			1 uL		1 uL		20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 953474 Batch Start Date: 01/04/24 23:02 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260 SP 00175	8260ISNEW 00171	8260MIX1COMB 00181	8260SURR250 00243	ACROLEIN SP 00160	ACROLEIN W 00164
STD500 460-953474/10 IC		8260D			1 uL		1 uL		40 uL
STD1 460-953474/16 IC		8260D			1 uL	10 uL	1 uL		4 uL
ICV 460-953474/18		8260D		20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00120	BFB 00035	Ethanol mix 00084	GAS C SP 00548	GAS Hi 00459	GASES Li 00565
BFB 460-953474/1		8260D			1 uL				
STD8 460-953474/3 IC		8260D		20 uL					2.5 uL
STD05 460-953474/4 IC		8260D							5 uL
STD5 460-953474/6 IC		8260D							10 uL
STD20 460-953474/7 ICIS		8260D							20 uL
STD50 460-953474/8 IC		8260D							50 uL
STD200 460-953474/9 IC		8260D				20 uL		20 uL	
STD500 460-953474/10 IC		8260D				50 uL		50 uL	
STD1 460-953474/16 IC		8260D							10 uL
ICV 460-953474/18		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00143	MIX I Hi 00171	VMTBA500 00044			
BFB 460-953474/1		8260D							
STD8 460-953474/3 IC		8260D				2 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 953474 Batch Start Date: 01/04/24 23:02 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00143	MIX I Hi 00171	VMTBA500 00044			
STD05 460-953474/4 IC		8260D							
STD5 460-953474/6 IC		8260D							
STD20 460-953474/7 ICIS		8260D							
STD50 460-953474/8 IC		8260D							
STD200 460-953474/9 IC		8260D		20 uL	20 uL				
STD500 460-953474/10 IC		8260D		50 uL	50 uL				
STD1 460-953474/16 IC		8260D							
ICV 460-953474/18		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 958087 Batch Start Date: 02/06/24 07:46 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00014	8260ISNEW 00171	8260MIX1COMB 00182
CCVIS 460-958087/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-958087/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-958087/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-958087/9		8260D		5 mL	5 mL			1 uL	
460-297374-B-5 MS	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-297374-A-5 MSD	A-02	8260D	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-297374-A-13	FB0131	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-14	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-5	A-02	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-1	A-15	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-2	ME-8	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-3	ME-13	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-8	A-07	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-10	A-05	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-11	A-09	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-A-12	A-10	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00243	ACROLEIN W 00165	GASES Li 00570			
CCVIS 460-958087/2		8260D		1 uL	4 uL	20 uL			
LCS 460-958087/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-958087/5		8260D		1 uL	4 uL	20 uL			
MB 460-958087/9		8260D		1 uL					
460-297374-B-5 MS	A-02	8260D	T	1 uL	4 uL	20 uL			
460-297374-A-5 MSD	A-02	8260D	T	1 uL	4 uL	20 uL			
460-297374-A-13	FB0131	8260D	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 958087 Batch Start Date: 02/06/24 07:46 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00243	ACROLEIN W 00165	GASES Li 00570			
460-297374-A-14	Trip Blank	8260D	T	1 uL					
460-297374-A-5	A-02	8260D	T	1 uL					
460-297374-A-1	A-15	8260D	T	1 uL					
460-297374-A-2	ME-8	8260D	T	1 uL					
460-297374-A-3	ME-13	8260D	T	1 uL					
460-297374-A-8	A-07	8260D	T	1 uL					
460-297374-A-10	A-05	8260D	T	1 uL					
460-297374-A-11	A-09	8260D	T	1 uL					
460-297374-A-12	A-10	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Batch Number: 958316 Batch Start Date: 02/07/24 08:10 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00014	8260ISNEW 00171	8260MIX1COMB 00182
CCVIS 460-958316/3		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-958316/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-958316/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-958316/9		8260D		5 mL	5 mL			1 uL	
460-297374-B-4	MW-113	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-B-6	A-06	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-B-7	A-066	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-297374-B-9	A-08	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00243	ACROLEIN W 00165	GASES Li 00570			
CCVIS 460-958316/3		8260D		1 uL	4 uL	20 uL			
LCS 460-958316/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-958316/5		8260D		1 uL	4 uL	20 uL			
MB 460-958316/9		8260D		1 uL					
460-297374-B-4	MW-113	8260D	T	1 uL					
460-297374-B-6	A-06	8260D	T	1 uL					
460-297374-B-7	A-066	8260D	T	1 uL					
460-297374-B-9	A-08	8260D	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record

673426 eurofins | Environment Testing America

297314

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Ben Canciemi	Site Contact: Jake Stumm	Date:	COC No:
Company Name: FPM Group	Tel/Email: b canciemi@fpmgroup.com	Lab Contact: Carrie Ferris	Carrier:	1 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 631-737-6200	TAT if different from Below: STD			460-297374 Chain of Custody
Fax:	☐ 2 weeks			
Project Name: 90-30 Metro Regency Center	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs		Sample Specific Notes:
A-15	1/31/24	08 10	G	GW	3	N	N	X	1	
ME-8		09 15							2	
ME-13		09 40							3	
MW-113		10 20							4	
A-02		10'55			9	Y			5	* MS/MSD *
A-06		11 30			3	N			6	
A-066		11 33							7	
A-07		12 15							8	
A-08		12 30							9	
A-05		12 50							10	
A-09		13 15							11	
A-10		13 30							12	

NYC 22

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.
* MS/MSD on A-02 * CAT B Package

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd.	Corr'd.	Therm ID No.

Relinquished by:	Company: FPM Group	Date/Time:	Received by:	Company:	Date/Time: 2/1/24	10
Relinquished by:	Company:	Date/Time: 2/1/24	Received by:	Company:	Date/Time: 2/1/24	1000
Relinquished by:	Company:	Date/Time: 2/1/24 1800	Received in Laboratory by:	Company: ETEL	Date/Time: 2/1/24	1800

Z1 223R9

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2/8/2024 1:36:58 PM

Chain of Custody Record

673425

eurofins | Environment Testing America

291374

TAL-8210

Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Ben Canevari	Site Contact: Jake Stymus	Date:	COC No:
Company Name: FPM Group	Tel/Email. b.canevari@fpm-group.com	Lab Contact: Carrie Ferro	Carrier:	2 of 2 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone. 631-737-6200	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling
Project Name: 90-30 Metro Regency Centers	☐ 1 week			
Site: 90-30 Metropolitan Ave, Queens NY	☐ 2 days			Job / SDG No.
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOCs	Sample Specific Notes:
FB0131	1/31/24	14 00	G	AQ	2	N	M	X	B
Trip Blank	"	14:30	"	"	"	"	"	"	4

NYC 222

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by	Company	Date/Time:	Received by	Company	Date/Time:
	FPM Group				2/1/24 1040
Relinquished by	Company	Date/Time:	Received by	Company	Date/Time:
					2/1/24 1700
Relinquished by	Company	Date/Time:	Received in Laboratory by	Company	Date/Time:
		2/2/24 1800			2/1/24 1800

2/2 Rec

2/28/2024 1:36:58 PM

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 291394

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	21 °C	22 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ *Volume of Preservative used (ml):* _____

Lot # of Preservative(s)* _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials Leonard Date* 2/12/24

EDS-WI-038 Rev 4.1
10/22/2019

2/8/2024
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Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-297374-1

Login Number: 297374
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX G

DATA USABILITY SUMMARY REPORTS

DATA USABILITY SUMMARY REPORT
FOR APRIL 2023 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-279242-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005).

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

Samples ME-13 (460-279242-3), A-06 (460-279242-6), A-066 (460-279242-7) and A-08 (460-279242-8) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

1,1-Dichloroethane failed the recovery criteria high for LCS 460-906605/4.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to

sample preparation and analysis. The MS/MSD results did were noted outside their respective acceptance criteria and/or RPD Limit. Therefore, matrix effects do not appear to have significantly affect the sample data.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits with the exception of one of the LCS samples which was just above recovery limits. Based upon a review of the current and historical monitoring data the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – 1,1– dichloroethene was outside its %Recovery limits in the LCS sample. A review of the primary sample data and historical observations of prior analysis does not suggest a significant concern with these QC issues

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, results analyzed for but not detected have been U-qualified and * qualified is outside LCS/LCSD acceptance limits. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes –One compound was outside its specific criteria in the LCS sample, the corresponding summary sheets are attached.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 5/5/2023 9:57 AM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-279242-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-279242-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/28/2023 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples A-15 (460-279242-1), ME-8 (460-279242-2), ME-13 (460-279242-3), MW-113 (460-279242-4), A-02 (460-279242-5), A-06 (460-279242-6), A-066 (460-279242-7), A-08 (460-279242-8), A-07 (460-279242-9), A-05 (460-279242-10), A-09 (460-279242-11), A-10 (460-279242-12), FB0427 (460-279242-13) and Trip Blank (460-279242-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 05/02/2023 and 05/03/2023.

1,1-Dichloroethane failed the recovery criteria high for LCS 460-906605/4. Refer to the QC report for details.

Samples ME-13 (460-279242-3)[2X], A-06 (460-279242-6)[2X], A-066 (460-279242-7)[2X] and A-08 (460-279242-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-279242-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-279242-1
Date Collected: 04/27/23 08:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:03

Client Sample ID: ME-8
Lab Sample ID: 460-279242-2
Date Collected: 04/27/23 08:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906691	CJM	EET EDI	05/03/23 16:54

Client Sample ID: ME-13
Lab Sample ID: 460-279242-3
Date Collected: 04/27/23 08:50
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906691	CJM	EET EDI	05/03/23 17:44

Client Sample ID: MW-113
Lab Sample ID: 460-279242-4
Date Collected: 04/27/23 09:15
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:28

Client Sample ID: A-02
Lab Sample ID: 460-279242-5
Date Collected: 04/27/23 09:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 00:53

Client Sample ID: A-06
Lab Sample ID: 460-279242-6
Date Collected: 04/27/23 10:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906605	KLB	EET EDI	05/03/23 05:29

Client Sample ID: A-066
Lab Sample ID: 460-279242-7
Date Collected: 04/27/23 10:01
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906605	KLB	EET EDI	05/03/23 05:54

Client Sample ID: A-08
Lab Sample ID: 460-279242-8
Date Collected: 04/27/23 10:25
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	906691	CJM	EET EDI	05/03/23 17:19

Client Sample ID: A-07
Lab Sample ID: 460-279242-9
Date Collected: 04/27/23 10:55
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 01:18

Client Sample ID: A-05
Lab Sample ID: 460-279242-10
Date Collected: 04/27/23 11:05
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 01:43

Client Sample ID: A-09
Lab Sample ID: 460-279242-11
Date Collected: 04/27/23 11:20
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 02:08

Client Sample ID: A-10
Lab Sample ID: 460-279242-12
Date Collected: 04/27/23 11:40
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/03/23 02:33

Client Sample ID: FB0427
Lab Sample ID: 460-279242-13
Date Collected: 04/27/23 14:00
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/02/23 23:12

Client Sample ID: Trip Blank
Lab Sample ID: 460-279242-14
Date Collected: 04/27/23 14:30
Matrix: Water
Date Received: 04/28/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	906605	KLB	EET EDI	05/02/23 22:47

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-906605/4
Matrix: Water
Analysis Batch: 906605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	21.9		ug/L		109	74 - 125
1,1-Dichloroethane	20.0	26.2	*	ug/L		131	73 - 130
1,1-Dichloroethene	20.0	23.8		ug/L		119	68 - 133
1,2-Dichloroethane	20.0	23.7		ug/L		118	66 - 129
1,2-Dichloropropane	20.0	22.3		ug/L		111	68 - 128
2-Hexanone	100	88.4		ug/L		88	61 - 134
Acetone	100	93.5		ug/L		93	61 - 134
Benzene	20.0	20.9		ug/L		105	71 - 126
Bromodichloromethane	20.0	22.2		ug/L		111	76 - 121
Bromoform	20.0	20.7		ug/L		104	48 - 144
Bromomethane	20.0	26.3		ug/L		131	32 - 150
Carbon disulfide	20.0	25.6		ug/L		128	64 - 138
Carbon tetrachloride	20.0	21.8		ug/L		109	61 - 131
Chlorobenzene	20.0	21.5		ug/L		107	80 - 120
Chloroethane	20.0	26.0		ug/L		130	42 - 150
Chloroform	20.0	24.6		ug/L		123	78 - 125
Chloromethane	20.0	23.7		ug/L		118	43 - 150
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	78 - 121
cis-1,3-Dichloropropene	20.0	21.1		ug/L		106	74 - 125
Dibromochloromethane	20.0	21.1		ug/L		105	62 - 130
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120
Methyl Ethyl Ketone	100	102		ug/L		102	61 - 128
methyl isobutyl ketone	100	95.3		ug/L		95	69 - 128
Methylene Chloride	20.0	23.8		ug/L		119	74 - 127
Styrene	20.0	20.5		ug/L		103	75 - 127
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 127
Toluene	20.0	20.7		ug/L		103	78 - 120
trans-1,2-Dichloroethene	20.0	23.0		ug/L		115	74 - 126
trans-1,3-Dichloropropene	20.0	21.0		ug/L		105	66 - 127
Trichloroethene	20.0	20.6		ug/L		103	71 - 121
Vinyl chloride	20.0	24.7		ug/L		123	55 - 144
Xylenes, Total	40.0	40.5		ug/L		101	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 128*
4-Bromofluorobenzene	*98*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*77 - 124*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 460-279242-5 MS
Matrix: Water
Analysis Batch: 906605

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.4		ug/L		102	68 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	21.1		ug/L		105	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	20.1		ug/L		101	74 - 125
1,1-Dichloroethane	1.0	U *	20.0	23.0		ug/L		115	73 - 130

DATA USABILITY SUMMARY REPORT
FOR AUGUST 2023 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-285954-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005).

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

Samples A-08 (460-285954-7) and MW-13 (460-285954-14) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-926520 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-926363 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Bromoform, Chloroethane, Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-926363 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-926740 was outside the method criteria for the following analytes: trans-1,2-Dichloroethene and Trichloroethene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples

and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD results did were within their respective acceptance criteria and/or RPD Limit. Therefore, matrix effects do not appear to have affected the sample data.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits with the exception of bromomethane in one of the LCS samples which was above recovery limits. Based upon a review of the current and historical monitoring data, and the absence of this compound in the primary samples the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Bromomethane was outside its %Recovery limits in the LCS sample.

   In addition, the CCV in several batches were noted to be outside their respective control limits for several compounds including potential breakdown products (trichloroethylene, vinyl chloride and trans 1,2-dichloroethene) of site contaminant of concern.

   A review of the primary sample data and historical observations of prior analysis does not suggest a significant concern with these QC issues.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, results analyzed for but not detected have been U-qualified and * qualified is outside LCS/LCSD acceptance limits. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes –One compound was outside its specific criteria in the LCS sample and several CCV compounds were noted outside their respective control limits the corresponding summary sheets are attached.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 8/17/2023 3:03 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-285954-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-285954-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 8/10/2023 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6º C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): MW-13 (460-285954-14)

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-285954-1), ME-8 (460-285954-2), ME-113 (460-285954-3), A-02 (460-285954-4), A-06 (460-285954-5), A-066 (460-285954-6), A-08 (460-285954-7), A-07 (460-285954-8), A-05 (460-285954-9), A-09 (460-285954-10), A-10 (460-285954-11), FB0809 (460-285954-12), Trip Blank (460-285954-13) and MW-13 (460-285954-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 08/14/2023, 08/15/2023 and 08/16/2023.

Samples A-08 (460-285954-7)[2X] and MW-13 (460-285954-14)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-926520 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-926363 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Bromoform, Chloroethane, Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for analytical batch 460-926363 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: A-08 (460-285954-7) and MW-13 (460-285954-14). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-926740 was outside the method criteria for the following analytes: trans-1,2-Dichloroethene and Trichloroethene (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-926363/6
Matrix: Water
Analysis Batch: 926363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	20.0	23.7		ug/L		118	74 - 125
1,1-Dichloroethane	20.0	22.4		ug/L		112	73 - 130
1,1-Dichloroethene	20.0	18.8		ug/L		94	68 - 133
1,2-Dichloroethane	20.0	22.2		ug/L		111	66 - 129
1,2-Dichloropropane	20.0	23.5		ug/L		118	68 - 128
2-Hexanone	100	94.1		ug/L		94	61 - 134
Acetone	100	87.0		ug/L		87	49 - 149
Benzene	20.0	22.2		ug/L		111	71 - 126
Bromodichloromethane	20.0	21.1		ug/L		106	76 - 121
Bromoform	20.0	25.6		ug/L		128	58 - 136
Bromomethane	20.0	26.1	*	ug/L		131	10 - 120
Carbon disulfide	20.0	19.6		ug/L		98	68 - 138
Carbon tetrachloride	20.0	20.7		ug/L		104	65 - 142
Chlorobenzene	20.0	21.7		ug/L		109	80 - 120
Chloroethane	20.0	28.7		ug/L		144	48 - 150
Chloroform	20.0	20.7		ug/L		104	78 - 125
Chloromethane	20.0	27.0		ug/L		135	43 - 140
cis-1,2-Dichloroethene	20.0	19.7		ug/L		98	78 - 121
cis-1,3-Dichloropropene	20.0	23.2		ug/L		116	74 - 125
Dibromochloromethane	20.0	23.0		ug/L		115	69 - 130
Ethylbenzene	20.0	20.9		ug/L		104	78 - 120
Methyl Ethyl Ketone	100	72.5		ug/L		72	61 - 142
methyl isobutyl ketone	100	96.0		ug/L		96	69 - 139
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127
Styrene	20.0	21.9		ug/L		110	82 - 127
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 127
Toluene	20.0	21.3		ug/L		107	78 - 120
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	74 - 126
trans-1,3-Dichloropropene	20.0	24.0		ug/L		120	66 - 127
Trichloroethene	20.0	18.9		ug/L		95	51 - 121
Vinyl chloride	20.0	24.1		ug/L		121	55 - 144
Xylenes, Total	40.0	41.9		ug/L		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 128*
4-Bromofluorobenzene	*116*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*109*		*80 - 120*

Lab Sample ID: 460-285954-4 MS
Matrix: Water
Analysis Batch: 926363

Client Sample ID: A-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	19.1		ug/L		96	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	22.1		ug/L		110	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	22.1		ug/L		111	74 - 125
1,1-Dichloroethane	1.0	U	20.0	20.3		ug/L		101	73 - 130

Lab Chronicle

Client: FPM Group Limited
Job ID: 460-285954-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-15
Lab Sample ID: 460-285954-1
Date Collected: 08/09/23 07:40
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:13

Client Sample ID: ME-8
Lab Sample ID: 460-285954-2
Date Collected: 08/09/23 08:20
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:35

Client Sample ID: ME-113
Lab Sample ID: 460-285954-3
Date Collected: 08/09/23 09:25
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 14:56

Client Sample ID: A-02
Lab Sample ID: 460-285954-4
Date Collected: 08/09/23 10:10
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926363	SZD	EET EDI	08/14/23 13:52

Client Sample ID: A-06
Lab Sample ID: 460-285954-5
Date Collected: 08/09/23 10:45
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926740	MZS	EET EDI	08/16/23 05:50

Client Sample ID: A-066
Lab Sample ID: 460-285954-6
Date Collected: 08/09/23 10:47
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	926520	EMM	EET EDI	08/15/23 03:09

Client Sample ID: A-08
Lab Sample ID: 460-285954-7
Date Collected: 08/09/23 11:10
Matrix: Water
Date Received: 08/10/23 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	926363	SZD	EET EDI	08/14/23 17:26

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0230		19.9	20.0	-0.6	20.0
Chlorotrifluoroethene	QuaF		0.1354		18.7	20.0	-6.5	20.0
1,1-Difluoroethane	Ave	0.2580	0.2825		21.9	20.0	9.5	20.0
Dichlorodifluoromethane	Ave	0.5642	0.6272	0.1000	22.2	20.0	11.2	20.0
Chlorodifluoromethane	QuaF		0.0705		19.6	20.0	-1.8	20.0
Chloromethane	Ave	0.6178	0.9494	0.1000	30.7	20.0	53.7*	20.0
Vinyl chloride	Ave	0.6875	0.9265	0.1000	27.0	20.0	34.8*	20.0
Butadiene	Ave	0.6591	0.9537		28.9	20.0	44.7*	20.0
Bromomethane	Ave	0.2327	0.3478	0.1000	29.9	20.0	49.5	50.0
Chloroethane	Ave	0.3755	0.6120	0.1000	32.6	20.0	63.0*	50.0
Dichlorofluoromethane	Ave	0.7826	1.127		28.8	20.0	44.0*	20.0
Trichlorofluoromethane	Ave	0.6087	0.7020	0.1000	23.1	20.0	15.3	20.0
Pentane	Ave	0.0911	0.0989		43.4	40.0	8.6	20.0
Ethanol	Ave	0.7794	1.089		1120	800	39.8	50.0
Ethyl ether	Ave	0.3329	0.3541		21.3	20.0	6.4	20.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.4634		21.0	20.0	5.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3592		18.4	20.0	-8.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.7381		19.4	20.0	-2.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.3841	0.1000	16.9	20.0	-15.6	20.0
Acrolein	Ave	0.0958	0.0994		41.5	40.0	3.8	50.0
1,1-Dichloroethene	Ave	0.4748	0.4311	0.1000	18.2	20.0	-9.2	20.0
Acetone	Ave	1.529	1.488	0.0500	97.3	100	-2.7	50.0
Iodomethane	QuaF		0.2298		12.3	20.0	-38.6*	20.0
Isopropyl alcohol	Ave	8.111	11.90		294	200	46.8	50.0
Carbon disulfide	Ave	1.671	1.477	0.1000	17.7	20.0	-11.6	50.0
3-Chloro-1-propene	Ave	0.3775	0.3407		18.1	20.0	-9.7	20.0
Methyl acetate	Ave	0.3923	0.4957	0.1000	50.5	40.0	26.4*	20.0
Cyclopentene	Ave	1.185	1.175		19.8	20.0	-0.8	20.0
Acetonitrile	Ave	0.5952	0.7222		243	200	21.3*	20.0
Methylene Chloride	Ave	0.5484	0.5511	0.1000	20.1	20.0	0.5	20.0
2-Methyl-2-propanol	QuaF		17.30		272	200	36.2	50.0
Methyl tert-butyl ether	Ave	1.482	1.574	0.1000	21.2	20.0	6.2	20.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4863	0.1000	17.9	20.0	-10.7	20.0
Acrylonitrile	Ave	0.2209	0.2781		252	200	25.9*	20.0
Hexane	Ave	0.6891	0.6708		19.5	20.0	-2.7	20.0
Isopropyl ether	Ave	1.486	1.973		26.6	20.0	32.8*	20.0
1,1-Dichloroethane	Ave	0.9240	1.015	0.2000	22.0	20.0	9.9	20.0
Vinyl acetate	Ave	1.096	0.9347		34.1	40.0	-14.7	20.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4613		18.0	20.0	-9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926363/5 Calibration Date: 08/14/2023 08:21

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42032.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.5829	0.2000	20.3	20.0	1.6	20.0
1,3-Dichloropropane	Ave	1.130	1.317		23.3	20.0	16.5	20.0
2-Hexanone	Ave	3.245	3.395	0.0500	105	100	4.6	50.0
n-Butyl acetate	Ave	0.9451	1.382		29.2	20.0	46.2*	20.0
Dibromochloromethane	Ave	0.5009	0.5986	0.1000	23.9	20.0	19.5	50.0
Ethylene Dibromide	Ave	0.6138	0.6690	0.1000	21.8	20.0	9.0	20.0
Chlorobenzene	Ave	1.863	1.876	0.5000	20.1	20.0	0.7	20.0
Ethylbenzene	Ave	1.046	1.048	0.1000	20.0	20.0	0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.5603		22.6	20.0	12.9	20.0
m-Xylene & p-Xylene	Ave	1.293	1.276	0.1000	19.7	20.0	-1.3	20.0
o-Xylene	Ave	1.254	1.298	0.3000	20.7	20.0	3.5	20.0
n-Butyl acrylate	Ave	0.4953	0.5912		23.9	20.0	19.4	20.0
Styrene	Ave	1.977	2.112	0.3000	21.4	20.0	6.8	20.0
Amyl acetate (mixed isomers)	Ave	2.377	3.912		32.9	20.0	64.6*	20.0
Bromoform	Ave	0.2578	0.3516	0.1000	27.3	20.0	36.4*	20.0
Isopropylbenzene	Ave	3.034	3.066	0.1000	20.2	20.0	1.0	20.0
Bromobenzene	Ave	1.418	1.602		22.6	20.0	13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	2.047	2.479	0.3000	24.2	20.0	21.1*	20.0
N-Propylbenzene	Ave	8.568	9.647		22.5	20.0	12.6	20.0
1,2,3-Trichloropropane	Ave	0.5228	0.6213		23.8	20.0	18.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.6360		26.7	20.0	33.5*	20.0
2-Chlorotoluene	Ave	5.560	6.207		22.3	20.0	11.6	20.0
4-Ethyltoluene	Ave	6.834	7.468		21.9	20.0	9.3	20.0
1,3,5-Trimethylbenzene	Ave	5.575	6.025		21.6	20.0	8.1	20.0
4-Chlorotoluene	Ave	5.326	5.987		22.5	20.0	12.4	20.0
Butyl Methacrylate	Ave	1.871	2.167		23.2	20.0	15.8	20.0
tert-Butylbenzene	Ave	4.553	4.801		21.1	20.0	5.4	20.0
1,2,4-Trimethylbenzene	Ave	5.541	6.090		22.0	20.0	9.9	20.0
sec-Butylbenzene	Ave	6.869	7.350		21.4	20.0	7.0	20.0
1,3-Dichlorobenzene	Ave	2.710	3.002	0.6000	22.2	20.0	10.8	20.0
4-Isopropyltoluene	Ave	5.265	5.791		22.0	20.0	10.0	20.0
1,4-Dichlorobenzene	Ave	2.792	3.079	0.5000	22.1	20.0	10.3	20.0
1,2,3-Trimethylbenzene	Ave	5.496	6.155		22.4	20.0	12.0	20.0
Benzyl chloride	Ave	3.289	4.222		25.7	20.0	28.4	50.0
Indan	Ave	5.680	6.180		21.8	20.0	8.8	20.0
p-Diethylbenzene	Ave	3.111	3.390		21.8	20.0	9.0	20.0
n-Butylbenzene	Ave	2.609	3.116		23.9	20.0	19.5	20.0
1,2-Dichlorobenzene	Ave	2.559	2.827	0.4000	22.1	20.0	10.5	20.0
1,2,4,5-Tetramethylbenzene	Qua2		3.582		21.6	20.0	7.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.3374	0.0500	21.1	20.0	5.6	50.0
1,3,5-Trichlorobenzene	Ave	1.358	1.620		23.9	20.0	19.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926520/2 Calibration Date: 08/14/2023 20:03

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42063.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5738	0.5780	0.2000	20.1	20.0	0.7	20.0
1,3-Dichloropropane	Ave	1.130	1.216		21.5	20.0	7.6	20.0
2-Hexanone	Ave	3.245	3.137	0.0500	96.7	100	-3.3	50.0
n-Butyl acetate	Ave	0.9451	1.270		26.9	20.0	34.4*	20.0
Dibromochloromethane	Ave	0.5009	0.5340	0.1000	21.3	20.0	6.6	50.0
Ethylene Dibromide	Ave	0.6138	0.6028	0.1000	19.6	20.0	-1.8	20.0
Chlorobenzene	Ave	1.863	1.801	0.5000	19.3	20.0	-3.3	20.0
Ethylbenzene	Ave	1.046	1.044	0.1000	20.0	20.0	-0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4961	0.5381		21.7	20.0	8.5	20.0
m-Xylene & p-Xylene	Ave	1.293	1.245	0.1000	19.3	20.0	-3.7	20.0
o-Xylene	Ave	1.254	1.213	0.3000	19.3	20.0	-3.3	20.0
n-Butyl acrylate	Ave	0.4953	0.5465		22.1	20.0	10.3	20.0
Styrene	Ave	1.977	2.022	0.3000	20.5	20.0	2.3	20.0
Amyl acetate (mixed isomers)	Ave	2.377	3.474		29.2	20.0	46.2*	20.0
Bromoform	Ave	0.2578	0.3337	0.1000	25.9	20.0	29.4*	20.0
Isopropylbenzene	Ave	3.034	2.995	0.1000	19.7	20.0	-1.3	20.0
Bromobenzene	Ave	1.418	1.514		21.4	20.0	6.8	20.0
1,1,2,2-Tetrachloroethane	Ave	2.047	2.272	0.3000	22.2	20.0	11.0	20.0
N-Propylbenzene	Ave	8.568	8.812		20.6	20.0	2.9	20.0
1,2,3-Trichloropropane	Ave	0.5228	0.5441		20.8	20.0	4.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4763	0.5497		23.1	20.0	15.4	20.0
2-Chlorotoluene	Ave	5.560	5.787		20.8	20.0	4.1	20.0
4-Ethyltoluene	Ave	6.834	6.941		20.3	20.0	1.6	20.0
1,3,5-Trimethylbenzene	Ave	5.575	5.467		19.6	20.0	-1.9	20.0
4-Chlorotoluene	Ave	5.326	5.413		20.3	20.0	1.6	20.0
Butyl Methacrylate	Ave	1.871	1.883		20.1	20.0	0.6	20.0
tert-Butylbenzene	Ave	4.553	4.481		19.7	20.0	-1.6	20.0
1,2,4-Trimethylbenzene	Ave	5.541	5.623		20.3	20.0	1.5	20.0
sec-Butylbenzene	Ave	6.869	6.968		20.3	20.0	1.4	20.0
1,3-Dichlorobenzene	Ave	2.710	2.863	0.6000	21.1	20.0	5.7	20.0
4-Isopropyltoluene	Ave	5.265	5.437		20.7	20.0	3.3	20.0
1,4-Dichlorobenzene	Ave	2.792	2.918	0.5000	20.9	20.0	4.5	20.0
1,2,3-Trimethylbenzene	Ave	5.496	5.838		21.2	20.0	6.2	20.0
Benzyl chloride	Ave	3.289	3.955		24.1	20.0	20.3	50.0
Indan	Ave	5.680	5.612		19.8	20.0	-1.2	20.0
p-Diethylbenzene	Ave	3.111	3.196		20.5	20.0	2.7	20.0
n-Butylbenzene	Ave	2.609	2.892		22.2	20.0	10.9	20.0
1,2-Dichlorobenzene	Ave	2.559	2.653	0.4000	20.7	20.0	3.7	20.0
1,2,4,5-Tetramethylbenzene	Qua2		3.460		20.8	20.0	4.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3197	0.3334	0.0500	20.9	20.0	4.3	50.0
1,3,5-Trichlorobenzene	Ave	1.358	1.515		22.3	20.0	11.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0231	0.0132		11.4	20.0	-42.9*	20.0
Chlorotrifluoroethene	QuaF		0.0567		7.85	20.0	-60.7*	20.0
1,1-Difluoroethane	Ave	0.2580	0.2012		15.6	20.0	-22.0*	20.0
Dichlorodifluoromethane	Ave	0.5642	0.4448	0.1000	15.8	20.0	-21.2*	20.0
Chlorodifluoromethane	QuaF		0.0616		17.1	20.0	-14.3	20.0
Chloromethane	Ave	0.6178	0.6278	0.1000	20.3	20.0	1.6	20.0
Vinyl chloride	Ave	0.6875	0.6216	0.1000	18.1	20.0	-9.6	20.0
Butadiene	Ave	0.6591	0.6710		20.4	20.0	1.8	20.0
Bromomethane	Ave	0.2327	0.2107	0.1000	18.1	20.0	-9.5	50.0
Chloroethane	Ave	0.3755	0.4513	0.1000	24.0	20.0	20.2	50.0
Dichlorofluoromethane	Ave	0.7826	0.8155		20.8	20.0	4.2	20.0
Trichlorofluoromethane	Ave	0.6087	0.5229	0.1000	17.2	20.0	-14.1	20.0
Pentane	Ave	0.0911	0.0816		35.8	40.0	-10.4	20.0
Ethanol	Ave	0.7794	0.8896		913	800	14.1	50.0
Ethyl ether	Ave	0.3329	0.3002		18.0	20.0	-9.8	20.0
2-Methyl-1,3-butadiene	Ave	0.4406	0.4347		19.7	20.0	-1.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3911	0.3187		16.3	20.0	-18.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.7590	0.6469		17.0	20.0	-14.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4550	0.3919	0.1000	17.2	20.0	-13.9	20.0
Acrolein	Ave	0.0958	0.0797		33.3	40.0	-16.8	50.0
1,1-Dichloroethene	Ave	0.4748	0.3834	0.1000	16.1	20.0	-19.3	20.0
Acetone	Ave	1.529	1.133	0.0500	74.1	100	-25.9	50.0
Iodomethane	QuaF		0.2000		10.7	20.0	-46.6*	20.0
Isopropyl alcohol	Ave	8.111	9.573		236	200	18.0	50.0
Carbon disulfide	Ave	1.671	1.193	0.1000	14.3	20.0	-28.6	50.0
3-Chloro-1-propene	Ave	0.3775	0.2929		15.5	20.0	-22.4*	20.0
Methyl acetate	Ave	0.3923	0.4281	0.1000	43.6	40.0	9.1	20.0
Cyclopentene	Ave	1.185	1.034		17.5	20.0	-12.7	20.0
Acetonitrile	Ave	0.5952	0.5438		183	200	-8.6	20.0
Methylene Chloride	Ave	0.5484	0.4514	0.1000	16.5	20.0	-17.7	20.0
2-Methyl-2-propanol	QuaF		13.38		210	200	5.1	50.0
Methyl tert-butyl ether	Ave	1.482	1.363	0.1000	18.4	20.0	-8.1	20.0
trans-1,2-Dichloroethene	Ave	0.5447	0.4324	0.1000	15.9	20.0	-20.6*	20.0
Acrylonitrile	Ave	0.2209	0.2356		213	200	6.7	20.0
Hexane	Ave	0.6891	0.6328		18.4	20.0	-8.2	20.0
Isopropyl ether	Ave	1.486	1.717		23.1	20.0	15.5	20.0
1,1-Dichloroethane	Ave	0.9240	0.8884	0.2000	19.2	20.0	-3.9	20.0
Vinyl acetate	Ave	1.096	0.7104		25.9	40.0	-35.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.5112	0.4094		16.0	20.0	-19.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-285954-1

SDG No.:

Lab Sample ID: CCVIS 460-926740/3 Calibration Date: 08/15/2023 20:39

Instrument ID: CVOAMS7 Calib Start Date: 07/23/2023 15:58

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/23/2023 18:27

Lab File ID: V42132.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.481	1.462		19.7	20.0	-1.3	20.0
2,2-Dichloropropane	Ave	0.1774	0.1567		17.7	20.0	-11.7	20.0
cis-1,2-Dichloroethene	Ave	0.5919	0.4896	0.1000	16.5	20.0	-17.3	20.0
Ethyl acetate	Ave	0.6691	0.4333		25.9	40.0	-35.2*	20.0
Methyl Ethyl Ketone	Ave	0.7747	0.4861	0.0500	62.8	100	-37.2	50.0
Methyl acrylate	Ave	0.4508	0.4714		20.9	20.0	4.6	20.0
Propionitrile	Ave	0.0828	0.0896		217	200	8.3	20.0
Chlorobromomethane	Ave	0.2352	0.1889		16.1	20.0	-19.7	20.0
Methacrylonitrile	Ave	0.2588	0.2477		191	200	-4.3	20.0
Tetrahydrofuran	Ave	0.0798	0.0738		37.0	40.0	-7.5	20.0
Chloroform	Ave	0.8092	0.7133	0.2000	17.6	20.0	-11.9	20.0
Cyclohexane	Ave	0.8499	0.6899	0.1000	16.2	20.0	-18.8	50.0
1,1,1-Trichloroethane	Ave	0.6226	0.5643	0.1000	18.1	20.0	-9.4	20.0
Carbon tetrachloride	Ave	0.4605	0.4045	0.1000	17.6	20.0	-12.2	20.0
1,1-Dichloropropene	Ave	0.7149	0.6217		17.4	20.0	-13.0	20.0
Isobutyl alcohol	Ave	8.075	10.19		631	500	26.2	50.0
Isooctane	Ave	1.300	1.356		20.9	20.0	4.3	20.0
Benzene	Ave	3.218	2.931	0.5000	18.2	20.0	-8.9	20.0
Isopropyl acetate	Ave	0.4690	0.3912		16.7	20.0	-16.6	20.0
Tert-amyl methyl ether	Ave	1.566	1.416		18.1	20.0	-9.6	20.0
1,2-Dichloroethane	Ave	0.5325	0.5100	0.1000	19.2	20.0	-4.2	20.0
n-Heptane	Ave	0.2999	0.2629		17.5	20.0	-12.3	20.0
n-Butanol	Ave	2.766	2.923		528	500	5.7	50.0
Trichloroethene	Ave	0.5422	0.4249	0.2000	15.7	20.0	-21.6*	20.0
Ethyl acrylate	Ave	0.0805	0.0697		17.3	20.0	-13.4	20.0
Methylcyclohexane	Ave	0.8719	0.7292	0.1000	16.7	20.0	-16.4	50.0
1,2-Dichloropropane	Ave	0.5374	0.5386	0.1000	20.0	20.0	0.2	20.0
Methyl methacrylate	Ave	0.1593	0.1241		31.2	40.0	-22.1*	20.0
1,4-Dioxane	Ave	2.251	2.119		377	400	-5.9	50.0
Dibromomethane	Ave	0.3017	0.2459		16.3	20.0	-18.5	20.0
n-Propyl acetate	Ave	0.7093	0.7937		22.4	20.0	11.9	20.0
Bromodichloromethane	Ave	0.5828	0.5329	0.2000	18.3	20.0	-8.6	20.0
2-Nitropropane	Ave	0.0811	0.1200		59.2	40.0	48.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.3504	0.3121		17.9	20.0	-10.9	20.0
Epichlorohydrin	Ave	0.6519	0.4715		289	400	-27.7*	20.0
cis-1,3-Dichloropropene	Ave	1.163	1.155	0.2000	19.9	20.0	-0.7	50.0
methyl isobutyl ketone	Ave	4.909	4.183	0.0500	85.2	100	-14.8	50.0
Toluene	Ave	3.321	2.942	0.4000	17.7	20.0	-11.4	20.0
trans-1,3-Dichloropropene	Ave	0.9651	0.9570	0.1000	19.8	20.0	-0.8	50.0
Ethyl methacrylate	Ave	0.8620	0.8816		20.5	20.0	2.3	20.0
1,1,2-Trichloroethane	Ave	0.5559	0.5383	0.1000	19.4	20.0	-3.2	20.0

DATA USABILITY SUMMARY REPORT
FOR NOVEMBER 2023 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-292871-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005).

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

Sample A-08 (460-292871-8) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-946046 recovered above the upper control limit for 1,2-Dichloroethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-945897 was outside the method criteria for Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-946160 recovered above the upper control limits for Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.
The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-946160 recovered outside control limits for Chloromethane. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Trichloroethene failed the recovery criteria low for the MS and MSD of sample 460-292722-12 in batch 460-945897.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are similar and, therefore, the laboratory results are likely to be precise.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD results were noted to be outside their respective acceptance criteria (biased low) for trichloroethene. Based upon a review of the current and historical sampling results with the spiking information, matrix effects do not appear to have significantly affected the sample data.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits with the exception of chloromethane in the LCS and LCSD sample for batch 460-946160 which was above recovery limits. Based upon a review of the current and historical monitoring data, and the absence of this compound in the primary samples the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of

samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Several compounds were outside the acceptance criteria in the MS/MSD and LCS LCSD samples.

   In addition, the CCV in several batches were noted to be outside their respective control limits for several compounds including potential breakdown products (vinyl chloride and 1,2-dichloroethane) of the site contaminant of concern.

   A review of the primary sample data and historical observations of prior analysis does not suggest a significant concern with these QC issues.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, results analyzed for but not detected have been U-qualified and * qualified is outside LCS/LCSD and MS/MSD acceptance limits. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes –One compound was outside its specific criteria in the LCS/LCSD and MS/MSD samples and several CCV compounds were noted outside their respective control limits the corresponding summary sheets are attached.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 11/28/2023 7:43 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-292871-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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Lab Chronicle

Client: FPM Group Limited
Job ID: 460-292871-1
Project/Site: (Metro) 90-30 Metropolitan Ave

Client Sample ID: A-08
Lab Sample ID: 460-292871-8
Date Collected: 11/08/23 11:30
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	946046	VBP	EET EDI	11/22/23 00:18

Client Sample ID: A-07
Lab Sample ID: 460-292871-9
Date Collected: 11/08/23 12:15
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 17:40

Client Sample ID: A-05
Lab Sample ID: 460-292871-10
Date Collected: 11/08/23 12:30
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 18:04

Client Sample ID: A-09
Lab Sample ID: 460-292871-11
Date Collected: 11/08/23 12:55
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945897	CJM	EET EDI	11/21/23 18:28

Client Sample ID: A-10
Lab Sample ID: 460-292871-12
Date Collected: 11/08/23 13:20
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	946046	VBP	EET EDI	11/21/23 22:33

Client Sample ID: FB1108
Lab Sample ID: 460-292871-13
Date Collected: 11/08/23 13:45
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/20/23 22:52

Client Sample ID: Trip Blank
Lab Sample ID: 460-292871-14
Date Collected: 11/08/23 13:50
Matrix: Water
Date Received: 11/13/23 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	945808	VBP	EET EDI	11/20/23 23:15

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-292871-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 11/13/2023 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.9º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-292871-1), ME-8 (460-292871-2), ME-13 (460-292871-3), MW-113 (460-292871-4), A-02 (460-292871-5), A-06 (460-292871-6), A-066 (460-292871-7), A-08 (460-292871-8), A-07 (460-292871-9), A-05 (460-292871-10), A-09 (460-292871-11), A-10 (460-292871-12), FB1108 (460-292871-13) and Trip Blank (460-292871-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 11/20/2023, 11/21/2023 and 11/22/2023.

Sample A-08 (460-292871-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-946046 recovered above the upper control limit for 1,2-Dichloroethane. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target analytes within the calibration range: A-08 (460-292871-8). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-945897 was outside the method criteria for Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-946160 recovered above the upper control limits for Chloromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-946160 recovered outside control limits for Chloromethane. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Trichloroethene failed the recovery criteria low for the MSD of sample 460-292722-12 in batch 460-945897.

Trichloroethene failed the recovery criteria low for the MS of sample 460-292722-12 in batch 460-945897.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292722-A-12 MSD
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	1.0	U	20.0	18.7		ug/L		94	65 - 142	3	30
Chlorobenzene	1.0	U	20.0	19.7		ug/L		98	80 - 120	3	30
Chloroethane	1.0	U	20.0	15.5		ug/L		78	48 - 150	2	30
Chloroform	1.0	U	20.0	20.2		ug/L		101	78 - 125	10	30
Chloromethane	1.0	U	20.0	14.9		ug/L		74	43 - 140	4	30
cis-1,2-Dichloroethene	3.2		20.0	21.2		ug/L		90	78 - 121	11	30
cis-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	74 - 125	0	30
Dibromochloromethane	1.0	U	20.0	19.1		ug/L		96	69 - 130	11	30
Ethylbenzene	1.0	U	20.0	19.6		ug/L		98	78 - 120	2	30
Methyl Ethyl Ketone	5.0	U	100	94.7		ug/L		95	61 - 142	9	30
methyl isobutyl ketone	5.0	U	100	94.4		ug/L		94	69 - 139	5	30
Methylene Chloride	1.0	U	20.0	20.2		ug/L		101	74 - 127	4	30
Styrene	1.0	U	20.0	18.8		ug/L		94	82 - 127	5	30
Tetrachloroethene	1.0	U	20.0	19.2		ug/L		96	70 - 127	8	30
Toluene	1.0	U	20.0	19.9		ug/L		100	78 - 120	6	30
trans-1,2-Dichloroethene	1.0	U	20.0	19.9		ug/L		99	74 - 126	4	30
trans-1,3-Dichloropropene	1.0	U	20.0	20.0		ug/L		100	66 - 127	4	30
Trichloroethene	44		20.0	49.9	*	ug/L		31	51 - 121	2	30
Vinyl chloride	0.30	J	20.0	15.6		ug/L		76	55 - 144	0	30
Xylenes, Total	2.0	U	40.0	35.6		ug/L		89	80 - 120	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 128*
4-Bromofluorobenzene	*110*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 460-292722-D-12 MS
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	1.0	U	20.0	20.3		ug/L		101	72 - 128
1,1,2,2-Tetrachloroethane	1.0	U	20.0	23.6		ug/L		118	63 - 139
1,1,2-Trichloroethane	1.0	U	20.0	23.4		ug/L		117	74 - 125
1,1-Dichloroethane	1.0	U	20.0	22.6		ug/L		113	73 - 130
1,1-Dichloroethene	1.0	U	20.0	19.5		ug/L		97	68 - 133
1,2-Dichloroethane	1.0	U	20.0	19.5		ug/L		98	66 - 129
1,2-Dichloropropane	1.0	U	20.0	20.5		ug/L		103	68 - 128
2-Hexanone	5.0	U	100	83.8		ug/L		84	61 - 134
Acetone	5.0	U	100	95.4		ug/L		95	49 - 149
Benzene	1.0	U	20.0	23.4		ug/L		117	71 - 126
Bromodichloromethane	1.0	U	20.0	19.7		ug/L		98	76 - 121
Bromoform	1.0	U	20.0	19.5		ug/L		97	58 - 136
Bromomethane	1.0	U	20.0	13.3		ug/L		66	10 - 120
Carbon disulfide	1.0	U	20.0	20.0		ug/L		100	68 - 138
Carbon tetrachloride	1.0	U	20.0	19.2		ug/L		96	65 - 142
Chlorobenzene	1.0	U	20.0	20.3		ug/L		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-292722-D-12 MS
Matrix: Water
Analysis Batch: 945897

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	1.0	U	20.0	15.8		ug/L		79	48 - 150
Chloroform	1.0	U	20.0	22.3		ug/L		112	78 - 125
Chloromethane	1.0	U	20.0	14.3		ug/L		71	43 - 140
cis-1,2-Dichloroethene	3.2		20.0	23.7		ug/L		102	78 - 121
cis-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	74 - 125
Dibromochloromethane	1.0	U	20.0	21.4		ug/L		107	69 - 130
Ethylbenzene	1.0	U	20.0	19.9		ug/L		99	78 - 120
Methyl Ethyl Ketone	5.0	U	100	86.3		ug/L		86	61 - 142
methyl isobutyl ketone	5.0	U	100	89.9		ug/L		90	69 - 139
Methylene Chloride	1.0	U	20.0	21.0		ug/L		105	74 - 127
Styrene	1.0	U	20.0	19.9		ug/L		99	82 - 127
Tetrachloroethene	1.0	U	20.0	20.7		ug/L		104	70 - 127
Toluene	1.0	U	20.0	21.2		ug/L		106	78 - 120
trans-1,2-Dichloroethene	1.0	U	20.0	20.6		ug/L		103	74 - 126
trans-1,3-Dichloropropene	1.0	U	20.0	19.2		ug/L		96	66 - 127
Trichloroethene	44		20.0	51.0	*	ug/L		37	51 - 121
Vinyl chloride	0.30	J	20.0	15.6		ug/L		77	55 - 144
Xylenes, Total	2.0	U	40.0	39.4		ug/L		98	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*
4-Bromofluorobenzene	*118*		*76 - 120*
Dibromofluoromethane (Surr)	*97*		*77 - 132*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: MB 460-946046/9
Matrix: Water
Analysis Batch: 946046

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/21/23 22:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/21/23 22:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/21/23 22:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/21/23 22:07	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/21/23 22:07	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/21/23 22:07	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/21/23 22:07	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/21/23 22:07	1
Acetone	5.0	U	5.0	4.4	ug/L			11/21/23 22:07	1
Benzene	1.0	U	1.0	0.20	ug/L			11/21/23 22:07	1
Bromodichloromethane	1.0	U	1.0	0.34	ug/L			11/21/23 22:07	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/21/23 22:07	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/21/23 22:07	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/21/23 22:07	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/21/23 22:07	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/21/23 22:07	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/21/23 22:07	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/21/23 22:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-946160/9
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	5.0	U	5.0	1.3	ug/L			11/22/23 09:39	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/22/23 09:39	1
Styrene	1.0	U	1.0	0.42	ug/L			11/22/23 09:39	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/22/23 09:39	1
Toluene	1.0	U	1.0	0.38	ug/L			11/22/23 09:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/22/23 09:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/22/23 09:39	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/22/23 09:39	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/22/23 09:39	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/22/23 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 128*		*11/22/23 09:39*	*1*
4-Bromofluorobenzene	*91*		*76 - 120*		*11/22/23 09:39*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 132*		*11/22/23 09:39*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/22/23 09:39*	*1*

Lab Sample ID: LCS 460-946160/5
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.5		ug/L		88	72 - 128
1,1,2,2-Tetrachloroethane	20.0	21.7		ug/L		108	63 - 139
1,1,2-Trichloroethane	20.0	21.1		ug/L		105	74 - 125
1,1-Dichloroethane	20.0	18.5		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	16.8		ug/L		84	68 - 133
1,2-Dichloroethane	20.0	16.5		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	17.9		ug/L		90	68 - 128
2-Hexanone	100	96.9		ug/L		97	61 - 134
Acetone	100	108		ug/L		108	49 - 149
Benzene	20.0	20.2		ug/L		101	71 - 126
Bromodichloromethane	20.0	17.6		ug/L		88	76 - 121
Bromoform	20.0	20.1		ug/L		101	58 - 136
Bromomethane	20.0	20.9		ug/L		105	10 - 120
Carbon disulfide	20.0	15.7		ug/L		79	68 - 138
Carbon tetrachloride	20.0	17.0		ug/L		85	65 - 142
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120
Chloroethane	20.0	20.7		ug/L		103	48 - 150
Chloroform	20.0	19.0		ug/L		95	78 - 125
Chloromethane	20.0	32.8	*	ug/L		164	43 - 140
cis-1,2-Dichloroethene	20.0	17.9		ug/L		90	78 - 121
cis-1,3-Dichloropropene	20.0	20.1		ug/L		101	74 - 125
Dibromochloromethane	20.0	19.1		ug/L		96	69 - 130
Ethylbenzene	20.0	20.0		ug/L		100	78 - 120
Methyl Ethyl Ketone	100	97.2		ug/L		97	61 - 142
methyl isobutyl ketone	100	98.8		ug/L		99	69 - 139
Methylene Chloride	20.0	18.6		ug/L		93	74 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-946160/5
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			20.0	19.4		ug/L		97	82 - 127		
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 127		
Toluene			20.0	19.8		ug/L		99	78 - 120		
trans-1,2-Dichloroethene			20.0	18.3		ug/L		91	74 - 126		
trans-1,3-Dichloropropene			20.0	19.5		ug/L		97	66 - 127		
Trichloroethene			20.0	16.6		ug/L		83	51 - 121		
Vinyl chloride			20.0	25.8		ug/L		129	55 - 144		
Xylenes, Total			40.0	36.8		ug/L		92	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*
4-Bromofluorobenzene	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*94*		*77 - 132*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: LCSD 460-946160/6
Matrix: Water
Analysis Batch: 946160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.8		ug/L		94	72 - 128	7	30
1,1,2,2-Tetrachloroethane			20.0	23.1		ug/L		116	63 - 139	6	30
1,1,2-Trichloroethane			20.0	22.5		ug/L		113	74 - 125	7	30
1,1-Dichloroethane			20.0	19.3		ug/L		96	73 - 130	4	30
1,1-Dichloroethene			20.0	18.5		ug/L		93	68 - 133	10	30
1,2-Dichloroethane			20.0	17.9		ug/L		90	66 - 129	8	30
1,2-Dichloropropane			20.0	18.7		ug/L		94	68 - 128	4	30
2-Hexanone			100	101		ug/L		101	61 - 134	4	30
Acetone			100	116		ug/L		116	49 - 149	7	30
Benzene			20.0	22.0		ug/L		110	71 - 126	9	30
Bromodichloromethane			20.0	18.5		ug/L		92	76 - 121	5	30
Bromoform			20.0	20.9		ug/L		104	58 - 136	4	30
Bromomethane			20.0	22.1		ug/L		110	10 - 120	5	30
Carbon disulfide			20.0	16.4		ug/L		82	68 - 138	4	30
Carbon tetrachloride			20.0	18.1		ug/L		91	65 - 142	7	30
Chlorobenzene			20.0	20.9		ug/L		104	80 - 120	6	30
Chloroethane			20.0	22.1		ug/L		110	48 - 150	7	30
Chloroform			20.0	19.9		ug/L		99	78 - 125	4	30
Chloromethane			20.0	28.5	*	ug/L		143	43 - 140	14	30
cis-1,2-Dichloroethene			20.0	20.0		ug/L		100	78 - 121	11	30
cis-1,3-Dichloropropene			20.0	21.1		ug/L		105	74 - 125	5	30
Dibromochloromethane			20.0	20.9		ug/L		105	69 - 130	9	30
Ethylbenzene			20.0	20.8		ug/L		104	78 - 120	4	30
Methyl Ethyl Ketone			100	97.2		ug/L		97	61 - 142	0	30
methyl isobutyl ketone			100	102		ug/L		102	69 - 139	3	30
Methylene Chloride			20.0	19.7		ug/L		98	74 - 127	5	30
Styrene			20.0	20.7		ug/L		104	82 - 127	6	30
Tetrachloroethene			20.0	19.9		ug/L		99	70 - 127	6	30

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-945897/5 Calibration Date: 11/21/2023 07:30

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73664.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1610		33.5	20.0	67.6*	20.0
Chlorodifluoromethane	Ave	0.7111	0.9112		25.6	20.0	28.1*	20.0
Dichlorodifluoromethane	Ave	0.4974	0.4284	0.1000	17.2	20.0	-13.9	20.0
Chloromethane	QuaF		0.9395	0.1000	14.4	20.0	-27.9*	20.0
Vinyl chloride	Ave	0.4510	0.3651	0.1000	16.2	20.0	-19.0	20.0
Butadiene	Ave	0.3946	0.2976		15.1	20.0	-24.6*	20.0
Bromomethane	Ave	0.4038	0.2888	0.1000	14.3	20.0	-28.5	50.0
Chloroethane	Ave	0.2741	0.2259	0.1000	16.5	20.0	-17.6	50.0
Dichlorofluoromethane	Ave	0.8003	0.8129		20.3	20.0	1.6	20.0
Pentane	Ave	5.531	6.146		44.4	40.0	11.1	20.0
Trichlorofluoromethane	Ave	0.5839	0.4731	0.1000	16.2	20.0	-19.0	20.0
Ethanol	Ave	0.1196	0.1374		919	800	14.9	50.0
Ethyl ether	Lin2		0.2034		22.1	20.0	10.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2929		22.9	20.0	14.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3528		20.7	20.0	3.5	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.5971		22.4	20.0	12.0	20.0
Acrolein	Ave	5.285	6.002		45.4	40.0	13.6	50.0
1,1-Dichloroethene	Ave	0.3431	0.3515	0.1000	20.5	20.0	2.4	20.0
Acetone	Ave	0.3101	0.3175	0.0500	102	100	2.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.4192	0.1000	22.3	20.0	11.5	20.0
Iodomethane	Ave	0.6864	0.6808		19.8	20.0	-0.8	20.0
Isopropyl alcohol	Ave	1.649	1.714		208	200	3.9	50.0
Carbon disulfide	Ave	1.306	1.310	0.1000	20.1	20.0	0.3	50.0
3-Chloro-1-propene	Ave	0.2731	0.3252		23.8	20.0	19.1	20.0
Acetonitrile	Ave	3.489	3.281		188	200	-5.9	20.0
Methyl acetate	Ave	6.664	6.900	0.1000	41.4	40.0	3.5	20.0
Cyclopentene	Ave	0.6476	0.7019		21.7	20.0	8.4	20.0
Methylene Chloride	Ave	0.3955	0.4229	0.1000	21.4	20.0	6.9	20.0
2-Methyl-2-propanol	Ave	3.991	4.040		202	200	1.2	50.0
Acrylonitrile	Ave	0.1195	0.1429		239	200	19.6	20.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3587	0.1000	21.1	20.0	5.5	20.0
Methyl tert-butyl ether	Ave	0.9559	1.017	0.1000	21.3	20.0	6.3	20.0
Hexane	Ave	0.1601	0.1854		23.2	20.0	15.8	20.0
1,1-Dichloroethane	Ave	0.5742	0.6198	0.2000	21.6	20.0	7.9	20.0
Vinyl acetate	Ave	0.5005	0.4116		32.9	40.0	-17.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.2991		21.0	20.0	5.0	20.0
Isopropyl ether	Ave	0.8715	0.9694		22.2	20.0	11.2	20.0
Tert-butyl ethyl ether	Ave	0.8676	1.031		23.8	20.0	18.8	20.0
cis-1,2-Dichloroethene	Ave	0.3746	0.3822	0.1000	20.4	20.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946160/4 Calibration Date: 11/22/2023 07:40

Instrument ID: CVOAMS11 Calib Start Date: 10/31/2023 03:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2023 13:49

Lab File ID: N73716.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1393		29.0	20.0	44.9*	20.0
Chlorodifluoromethane	Ave	0.7111	0.8141		22.9	20.0	14.5	20.0
Dichlorodifluoromethane	Ave	0.4974	0.6975	0.1000	28.0	20.0	40.2*	20.0
Chloromethane	QuaF		2.330	0.1000	36.0	20.0	80.1*	20.0
Vinyl chloride	Ave	0.4510	0.6442	0.1000	28.6	20.0	42.8*	20.0
Butadiene	Ave	0.3946	0.5595		28.4	20.0	41.8*	20.0
Bromomethane	Ave	0.4038	0.4720	0.1000	23.4	20.0	16.9	50.0
Chloroethane	Ave	0.2741	0.3247	0.1000	23.7	20.0	18.5	50.0
Dichlorofluoromethane	Ave	0.8003	0.9160		22.9	20.0	14.5	20.0
Pentane	Ave	5.531	6.550		47.4	40.0	18.4	20.0
Trichlorofluoromethane	Ave	0.5839	0.6618	0.1000	22.7	20.0	13.3	20.0
Ethanol	Ave	0.1196	0.1891		1260	800	58.1*	50.0
Ethyl ether	Lin2		0.1718		18.5	20.0	-7.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2563	0.2667		20.8	20.0	4.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3407	0.3337		19.6	20.0	-2.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5331	0.5657		21.2	20.0	6.1	20.0
Acrolein	Ave	5.285	5.331		40.4	40.0	0.9	50.0
1,1-Dichloroethene	Ave	0.3431	0.3166	0.1000	18.5	20.0	-7.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3760	0.4220	0.1000	22.4	20.0	12.2	20.0
Acetone	Ave	0.3101	0.3506	0.0500	113	100	13.1	50.0
Iodomethane	Ave	0.6864	0.6163		18.0	20.0	-10.2	20.0
Isopropyl alcohol	Ave	1.649	2.058		250	200	24.8	50.0
Carbon disulfide	Ave	1.306	1.088	0.1000	16.7	20.0	-16.7	50.0
3-Chloro-1-propene	Ave	0.2731	0.2617		19.2	20.0	-4.2	20.0
Acetonitrile	Ave	3.489	3.871		222	200	10.9	20.0
Methyl acetate	Ave	6.664	6.392	0.1000	38.4	40.0	-4.1	20.0
Cyclopentene	Ave	0.6476	0.5851		18.1	20.0	-9.6	20.0
Methylene Chloride	Ave	0.3955	0.3821	0.1000	19.3	20.0	-3.4	20.0
2-Methyl-2-propanol	Ave	3.991	3.929		197	200	-1.6	50.0
Acrylonitrile	Ave	0.1195	0.1138		191	200	-4.7	20.0
trans-1,2-Dichloroethene	Ave	0.3399	0.3136	0.1000	18.5	20.0	-7.7	20.0
Methyl tert-butyl ether	Ave	0.9559	0.8795	0.1000	18.4	20.0	-8.0	20.0
Hexane	Ave	0.1601	0.1437		17.9	20.0	-10.3	20.0
1,1-Dichloroethane	Ave	0.5742	0.5272	0.2000	18.4	20.0	-8.2	20.0
Vinyl acetate	Ave	0.5005	0.5094		40.7	40.0	1.8	20.0
Isopropyl ether	Ave	0.8715	0.8713		20.0	20.0	-0.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2849	0.2560		18.0	20.0	-10.1	20.0
Tert-butyl ethyl ether	Ave	0.8676	0.8925		20.6	20.0	2.9	20.0
cis-1,2-Dichloroethene	Ave	0.3746	0.3469	0.1000	18.5	20.0	-7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-292871-1

SDG No.:

Lab Sample ID: CCVIS 460-946046/2 Calibration Date: 11/21/2023 19:04

Instrument ID: CVOAMS13 Calib Start Date: 09/23/2023 03:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/23/2023 13:58

Lab File ID: P22077.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0686	0.0771		22.5	20.0	12.4	20.0
Chlorobromomethane	Ave	0.0990	0.1141		23.1	20.0	15.3	20.0
Cyclohexane	Ave	0.4159	0.4940	0.1000	23.8	20.0	18.8	50.0
Chloroform	Ave	0.4172	0.4798	0.2000	23.0	20.0	15.0	20.0
Ethyl acetate	Lin2		0.2169		35.8	40.0	-10.4	20.0
Methyl acrylate	Ave	0.1358	0.1449		21.3	20.0	6.7	20.0
Carbon tetrachloride	Ave	0.3026	0.3484	0.1000	23.0	20.0	15.1	20.0
Tetrahydrofuran	Ave	0.9948	0.9684		38.9	40.0	-2.7	20.0
1,1,1-Trichloroethane	Ave	0.3685	0.4049	0.1000	22.0	20.0	9.9	20.0
Methyl Ethyl Ketone	Ave	0.2832	0.2451	0.0500	86.5	100	-13.5	50.0
1,1-Dichloropropene	Ave	0.1118	0.1301		23.3	20.0	16.4	20.0
Isooctane	Ave	0.5231	0.5497		21.0	20.0	5.1	20.0
n-Heptane	Ave	0.1219	0.1320		21.7	20.0	8.3	20.0
Benzene	Ave	1.340	1.432	0.5000	21.4	20.0	6.8	20.0
Propionitrile	Ave	1.947	2.076		213	200	6.6	20.0
Methacrylonitrile	Ave	0.0598	0.0635		212	200	6.1	20.0
Tert-amyl methyl ether	Ave	0.5641	0.5724		20.3	20.0	1.5	20.0
1,2-Dichloroethane	Ave	0.3032	0.3660	0.1000	24.1	20.0	20.7*	20.0
Isobutyl alcohol	Ave	0.5531	0.4987		451	500	-9.8	50.0
Isopropyl acetate	Ave	0.3082	0.3153		20.5	20.0	2.3	20.0
Methylcyclohexane	Ave	0.3375	0.3840	0.1000	22.8	20.0	13.8	50.0
Trichloroethene	Ave	0.2498	0.2771	0.2000	22.2	20.0	10.9	20.0
n-Butanol	Ave	0.2932	0.2446		417	500	-16.6	50.0
Dibromomethane	Ave	0.1133	0.1279		22.6	20.0	12.8	20.0
1,2-Dichloropropane	Ave	0.2653	0.2939	0.1000	22.2	20.0	10.8	20.0
Ethyl acrylate	Ave	0.1982	0.1762		17.8	20.0	-11.1	20.0
Bromodichloromethane	Ave	0.3096	0.3416	0.2000	22.1	20.0	10.3	20.0
Methyl methacrylate	Ave	0.0373	0.0345		37.1	40.0	-7.3	20.0
1,4-Dioxane	Ave	0.9830	1.043		424	400	6.1	50.0
n-Propyl acetate	Ave	0.2074	0.2111		20.4	20.0	1.8	20.0
2-Chloroethyl vinyl ether	Ave	0.0709	0.0627		17.7	20.0	-11.6	20.0
cis-1,3-Dichloropropene	Ave	0.5366	0.5368	0.2000	20.0	20.0	0.0	50.0
Toluene	Ave	1.416	1.373	0.4000	19.4	20.0	-3.1	20.0
Epichlorohydrin	QuaF		0.1254		405	400	1.2	20.0
2-Nitropropane	Lin2		0.0425		40.5	40.0	1.2	20.0
Tetrachloroethene	Ave	0.3022	0.3215	0.2000	21.3	20.0	6.4	20.0
methyl isobutyl ketone	Ave	2.282	1.962	0.0500	86.0	100	-14.0	50.0
trans-1,3-Dichloropropene	Ave	0.4479	0.4621	0.1000	20.6	20.0	3.1	50.0
1,1,2-Trichloroethane	Ave	0.1858	0.1896	0.1000	20.4	20.0	2.1	20.0
Ethyl methacrylate	Ave	0.2057	0.1811		17.6	20.0	-12.0	20.0
Dibromochloromethane	Ave	0.2478	0.2690	0.1000	21.7	20.0	8.5	50.0

DATA USABILITY SUMMARY REPORT
FOR JANUARY 2024 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS
LAB REPORT #460-297374-1
90-30 METROPOLITAN AVENUE SITE
REGO PARK, QUEENS, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included 11 groundwater samples collected from the existing groundwater monitoring well network. This sampling event reflects the NYSDEC approved reduction in sampling as recommended in the 2022-2023 Period Review Report.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or disposable sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Remedial Action Work Plan (November 2005).

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins at their Edison, New Jersey facility, which is a New York State Department of Health-certified for the analyses performed. The samples were prepared and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C/8260D. The analytical methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no problems with sample receipt or handling were reported by the laboratory.

Sample A-08 (460-297374-9) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-958087 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: A-09 (460-297374-11), A-10 (460-297374-12) and (CCVIS 460-958087/2).

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No analytes were detected in the field blank sample. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for the VOCs of interest at this site.

A trip blank sample was used to verify that cross-contamination of samples did not occur in the field or laboratory. No analytes were detected in the trip blank sample, except for methylene chloride, which is a common laboratory artifact. Based on this information cross-contamination from field sampling procedures does not appear to present a significant concern for this site.

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (A-066) and the associated parent sample (A-06) are

similar and, therefore, the laboratory results are likely to be precise.

Matrix spike/matrix spike duplicate (MS/MSD) samples were prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. The MS/MSD results were noted to be outside their respective acceptance criteria (biased low) for trichloroethene. Based upon a review of the current and historical sampling results with the spiking information, matrix effects do not appear to have significantly affected the sample data.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of VOCs above their method detection limits. Therefore, potential laboratory contamination does appear to present a concern for the constituents of concern at this site.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries and relative percent differences were all within established limits. Therefore, the laboratory results are likely to be accurate and precise.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

   Data completeness for the field program was also verified. The numbers and types of samples collected are in agreement with the reduction in sampling as requested 2022 - 2023 Period Review Report which was approved by the NYSDEC.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – The CCV in one was noted to be outside it's respective control limits for chloromethane. Chloromethane is not a site contaminant of concern.

   A review of the primary sample data and historical observations of prior analysis does not suggest a significant concern with these QC issues.

4. Have all of the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D (VOCs).

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. No other qualifiers were indicated or applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   No QC exceedances were noted except as discussed above.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance and the approved plans. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ben Cancemi
FPM Group Limited
640 Johnson Avenue
Suite 101
Bohemia NY 11716

Generated 2/8/2024 1:36 PM

JOB DESCRIPTION

(Metro) 90-30 Metropolitan Ave

JOB NUMBER

460-297374-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

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CASE NARRATIVE

Client: FPM Group Limited

Project: (Metro) 90-30 Metropolitan Ave

Report Number: 460-297374-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/1/2024 6:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples A-15 (460-297374-1), ME-8 (460-297374-2), ME-13 (460-297374-3), MW-113 (460-297374-4), A-02 (460-297374-5), A-06 (460-297374-6), A-066 (460-297374-7), A-07 (460-297374-8), A-08 (460-297374-9), A-05 (460-297374-10), A-09 (460-297374-11), A-10 (460-297374-12), FB0131 (460-297374-13) and Trip Blank (460-297374-14) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/06/2024 and 02/07/2024.

Sample A-08 (460-297374-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) associated with batch 460-958087 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: A-09 (460-297374-11), A-10 (460-297374-12) and (CCVIS 460-958087/2).

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

Client Sample ID: A-07
Date Collected: 01/31/24 12:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 16:18

Client Sample ID: A-08
Date Collected: 01/31/24 12:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	958316	EMM	EET EDI	02/07/24 14:33

Client Sample ID: A-05
Date Collected: 01/31/24 12:50
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 16:39

Client Sample ID: A-09
Date Collected: 01/31/24 13:15
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 17:00

Client Sample ID: A-10
Date Collected: 01/31/24 13:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 17:21

Client Sample ID: FB0131
Date Collected: 01/31/24 14:00
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 13:06

Client Sample ID: Trip Blank
Date Collected: 01/31/24 14:30
Date Received: 02/01/24 18:00

Lab Sample ID: 460-297374-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	958087	EMM	EET EDI	02/06/24 13:28

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-297374-1

SDG No.:

Lab Sample ID: CCVIS 460-958087/2 Calibration Date: 02/06/2024 07:46

Instrument ID: CVOAMS7 Calib Start Date: 01/04/2024 23:54

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 01/05/2024 09:04

Lab File ID: V50147.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0141	0.0271		38.5	20.0	92.5*	20.0
Chlorotrifluoroethene	Ave	0.0942	0.1005		21.3	20.0	6.7	20.0
1,1-Difluoroethane	Ave	0.2109	0.2400		22.8	20.0	13.8	20.0
Dichlorodifluoromethane	Ave	0.5419	0.5821	0.1000	21.5	20.0	7.4	20.0
Chlorodifluoromethane	Ave	0.0897	0.0975		21.7	20.0	8.6	20.0
Chloromethane	Ave	0.6324	0.8413	0.1000	26.6	20.0	33.0*	20.0
Vinyl chloride	Ave	0.6565	0.7827	0.1000	23.8	20.0	19.2	20.0
Butadiene	Ave	0.6174	0.8010		25.9	20.0	29.7*	20.0
Bromomethane	Ave	0.3050	0.2632	0.1000	17.3	20.0	-13.7	50.0
Chloroethane	Ave	0.4043	0.4744	0.1000	23.5	20.0	17.3	50.0
Dichlorofluoromethane	Ave	1.005	1.077		21.4	20.0	7.2	20.0
Trichlorofluoromethane	Ave	0.6518	0.6884	0.1000	21.1	20.0	5.6	20.0
Pentane	Ave	0.0789	0.0760		38.6	40.0	-3.6	20.0
Ethanol	Ave	0.5916	0.7299		987	800	23.4	50.0
Ethyl ether	Lin2		0.2811		20.3	20.0	1.4	20.0
2-Methyl-1,3-butadiene	Ave	0.4799	0.5011		20.9	20.0	4.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3764	0.3183		16.9	20.0	-15.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6090	0.6592		21.7	20.0	8.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4040	0.4044	0.1000	20.0	20.0	0.1	20.0
Acrolein	QuaF		0.0443		45.4	40.0	13.4	50.0
1,1-Dichloroethene	Ave	0.4003	0.3783	0.1000	18.9	20.0	-5.5	20.0
Acetone	QuaF		1.358	0.0500	106	100	6.1	50.0
Iodomethane	QuaF		0.2938		13.3	20.0	-33.6*	20.0
Isopropyl alcohol	Ave	7.770	8.006		206	200	3.0	50.0
Carbon disulfide	Ave	1.558	1.301	0.1000	16.7	20.0	-16.5	50.0
3-Chloro-1-propene	Ave	0.3120	0.3250		20.8	20.0	4.2	20.0
Methyl acetate	Ave	0.3275	0.4565	0.1000	55.8	40.0	39.4*	20.0
Cyclopentene	Ave	1.000	1.077		21.5	20.0	7.7	20.0
Acetonitrile	Ave	0.5017	0.5070		202	200	1.1	20.0
Methylene Chloride	Ave	0.4754	0.4682	0.1000	19.7	20.0	-1.5	20.0
2-Methyl-2-propanol	Ave	15.56	13.04		168	200	-16.1	50.0
Methyl tert-butyl ether	Ave	1.353	1.445	0.1000	21.4	20.0	6.8	20.0
trans-1,2-Dichloroethene	Ave	0.4435	0.4281	0.1000	19.3	20.0	-3.5	20.0
Acrylonitrile	QuaF		0.2171		260	200	29.8*	20.0
Hexane	Ave	0.6092	0.7742		25.4	20.0	27.1*	20.0
Isopropyl ether	Ave	1.671	2.125		25.4	20.0	27.2*	20.0
1,1-Dichloroethane	Ave	0.9188	1.046	0.2000	22.8	20.0	13.9	20.0
Vinyl acetate	Ave	10.12	10.95		43.3	40.0	8.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4195	0.4209		20.1	20.0	0.3	20.0