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Periodic Review Report
April 24, 2021 – October 25, 2022
Concourse Village West
Apartments – South

Borough of The Bronx
Bronx County, New York
BCP Site No. C203092

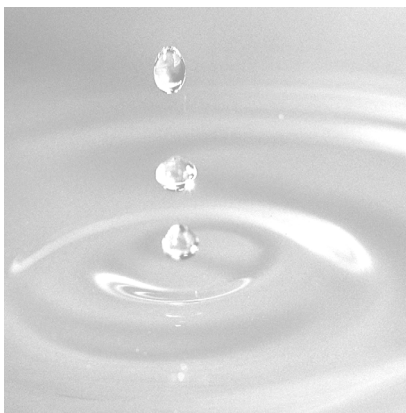
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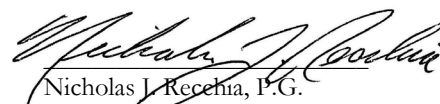
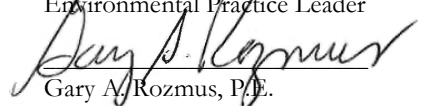

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Abbreviations, Acronyms, and Measurements

Acronym	Definition
µg/L	Micrograms per Liter
AWQS	Ambient Water Quality Standards and Guidance Values for GA groundwater
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
COC	Certificate of Completion
DER-10	Technical Guidance for Site Investigation and Remediation
EWP	Excavation Work Plan
Ft. Ggs	Feet Below Ground Surface
GEI	GEI Consultants, Inc., P.C.
ICs	Institutional Controls
Mg/Kg	Milligram per Kilogram
MGP	Manufactured Gas Plant
NYCHPD	New York City Housing Preservation and Development
NYCSCA	New York City School Construction Authority
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PFOA	Per-fluorooctanoic Acid
PFOS	Per-fluorooctanesulfonic Acid
PID	Photoionization Detector
PRR	Periodic Review Report
RA	Remedial Action
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RRSCOs	Restricted Residential Soil Cleanup Objectives
SCGs	Standards, Criteria and Guidance
SF	Square Foot
Shaw	Shaw Environmental
SIWP	Supplemental Investigation Work Plan
SMP	Site Management Plan
SRI	Supplemental Remedial Investigation
SVI	Soil Vapor Intrusion
SVOC	Semi-volatile Organic Compound
URS	URS Corporation
USTs	Underground Storage Tanks
UUSCOs	Unrestricted Use Site Cleanup Objectives
VOC	Volatile Organic Compound

Periodic Review Report Certification Statement

I, Gary A. Rozmus, certify that I am currently a NYS registered professional engineer and that this Periodic Review Report and all attachments were prepared under my direction. 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 that the information presented is accurate and complete.

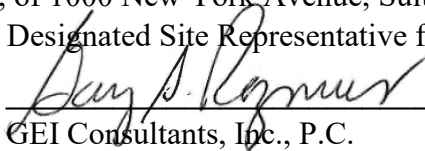
For each institutional or engineering control identified for the Site, I certify that all the following statements are true:

- The institutional control employed at this site is unchanged from the date the control was put in place, or last approved by the Department
- Nothing has occurred that would impair the ability of the control to protect the public health and environment
- Nothing has occurred that would constitute a violation or failure to comply with any SMP for this control
- 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
- Use of the site is compliant with the environmental easement.
- The information presented in this report is accurate and complete
- No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Gary A. Rozmus, of 1000 New York Avenue, Suite B, Huntington Station, New York, am certifying as Owner’s Designated Site Representative for the site.

January 16, 2023

Date



GEI Consultants, Inc., P.C.
New York State Professional Engineer
License Number 056744

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

1. Introduction

This Periodic Review Report (PRR) was prepared by GEI Consultants, Inc., P.C. (GEI), on behalf of Concourse Village West Owner LLC (Owner), to present the scope and results of the post-remediation monitoring activities and inspections conducted between April 24, 2021, and October 25, 2022, at the Concourse Village West Apartments – South Site (the Site) located in The Bronx, New York.

This PRR covers a reporting period longer than 12 months because an extension was granted by New York State Department of Environmental Conservation (NYSDEC), in an email dated June 1, 2022, due to COVID-19 related financial hardship on the part of the Owner.

This PRR is a revision of the previously submitted version dated September 2022. This revision is updated to include results of the annual groundwater monitoring event conducted on October 25, 2022.

The 2020-2021 monitoring activities and inspections were conducted to evaluate the on-going performance and effectiveness of the institutional controls (ICs) at the Site and consisted of the following:

- Soil vapor intrusion (SVI) evaluation in January 2022
- Annual Site-wide inspection in August 2022
- Annual groundwater monitoring in October 2022.

The monitoring activities and periodic inspection for this reporting period were performed in accordance with the SMP, which was approved by the NYSDEC on December 23, 2019.

1.1 Background

A portion of the Site was historically used as an auto repair facility. Historic fill was present in the upper 15 ft. below ground surface (bgs) Site-wide. Historic fill was excavated and disposed off-Site in accordance with the NYSDEC-approved January 2019 Remedial Action Work Plan. Abandoned underground storage tanks (USTs) were encountered and removed during remedial excavation of the auto repair facility location.

1.2 Site Location and Description

The Site is located in the Bronx, Bronx County, New York, and is identified as Block 2458, Lots 13 and 49 on the New York City Tax Map (see Figure 1). The Site is situated on two distinct Tax Lots with a combined footprint of approximately 20,586.98 square feet (sf). The

Site is bounded by apartment buildings and Grand Concourse to the west, beyond which is Franz Sigel Park, East 156th Street to the north, beyond which lies an indoor parking garage and residential buildings, Concourse Village West to the east, beyond which lies KIPP Academy Elementary School, and a furniture warehouse and live poultry facility to the south. The remainder of the block is developed with residential buildings and a church (see Figure 2).

Lot 13 consists of a 14-story residential building with a cellar, which includes utility and mechanical rooms. The ground floor contains indoor and outdoor recreational space, with approximately 1,110-sf of paved, open space located on the east side of the building. There is no commercial usage planned for this building. The building contains 57 residential units.

Lot 49 consists of an 11-story mixed-use residential and commercial building. This building has below grade parking, a first-floor community center (6,440.27 sf) with a recreation room (1,615.86 sf) and the remaining floors used for apartments. The cellar contains 8,848 sf of parking and bicycle storage, 1,620 sf of area dedicated to the mechanical rooms, and 485 sf of dedicated area to general storage. The building contains 94 residential units.

1.3 Site Geology

The subsurface conditions consist of fill soils, glacial outwash sand deposits, varved glacial lake deposits consisting predominately of silt and low plasticity clay, and bedrock. The fill typically consists of sand with varying amounts of ash, cinders, brick, glass, and other debris and was observed up to 20 ft. below the surface of the elevated parking structure on the western portion of the Site (Lot 13) and up to 12 ft. bgs on the eastern portion of the Site (Lot 49) prior to remedial action. Silts, clays, and underlying clays consisted of predominantly fine grained varved glacial lake deposits below the surface fill soil layer. Based upon regional topographic and geologic maps, bedrock is estimated to be approximately 50 ft. bgs. Weathered bedrock was encountered on the western portion of the Site (Lot 13) at depths varying from approximately 42 to 57 ft. bgs and from approximately 42 to 60 ft. bgs on the eastern portion of the Site (Lot 49).

1.4 Remaining Contamination

The remedial action addressed historic fill material and impacted soils within the Site boundary through excavation to a minimum depth of 15 ft. bgs. No soil contamination at concentrations above Restricted Residential Soil Cleanup Objectives (RRSCOs) remains on the Site at elevations shallower than 15 ft. bgs. RRSCOs exceedances are located only within Lot 13 below the foundation elements and at a depth greater than 15 ft. bgs. The RRSCO exceedances are limited to the following semi-volatile organic compounds (SVOCs): benzo(a)anthracene (1.5 milligrams per kilogram [mg/kg]); benzo(a)pyrene (2 mg/kg); benzo(b)fluoranthene (2.1 mg/kg); dibenz(a,h)anthracene (0.46 mg/kg); and

indeno(1,2,3-cd)pyrene (1.3 mg/kg). No endpoint samples from Lot 49 exceeded Unrestricted Use Site Cleanup Objectives (UUSCO).

1.5 Remedial Action Objectives

The Remedial Action Objectives (RAOs) for the Site as listed in the Decision Document dated October 2018 are as follows.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, SVI into buildings at a site.

2. Institutional Control (IC) Plan Compliance

2.1 Institutional Controls

Since remaining contamination is present at the Site, ICs are required to protect human health and the environment. Section 3 of the SMP contains the Institutional Control Plan for the Site. Adherence to the ICs on the Site is required by the Environmental Easement issued by NYSDEC on September 23, 2019, and recorded in the Office of the City Register of the City of New York on October 22, 2019.

The ICs required at the Site include:

- The property may be used for restricted residential use as described in 6 NYCRR Part 375-1.8(g), although land is subject to local zoning laws
- The remedial party or Site owner are required to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3)
- Restrict the use of groundwater underlying the property as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH) or the New York City Department of Health (NYCDOH)
- Compliance with the Department approved SMP.

2.2 Engineering Controls

Engineering Controls are not required or in use at the Site. The results of the SVI evaluation in January 2022 determined that soil vapor mitigation is not warranted.

2.3 IC Certification

The ICs were certified as part of the annual Site-wide Inspection required by Section 4.2 of the SMP. The inspection is described in Section 3.1 of this PRR.

3. Monitoring and Sampling Plan Compliance

3.1 Site-wide Inspection

A Site-wide Inspection was performed on August 19, 2022, in accordance with Section 4.2 of the SMP. The purpose of the inspection is to determine and document the following:

- Compliance with all ICs, including Site usage
- General site conditions at the time of the inspection
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection
- If these controls continue to be protective of human health and the environment
- Compliance with requirements of this SMP and the Environmental Easement
- If Site records are complete and up to date.

No deficiencies or instances of noncompliance were noted. No intrusive construction activity which included soil disturbance was completed. As this is the first periodic review following issuance of the certificate of completion, there were, as of the date of the inspection, no previous Site records to review. A copy of the Site Inspection Form completed during the inspection for this reporting period is included in Appendix A.

3.2 Soil Vapor Intrusion Evaluation

The SVI Evaluation was performed at the Site on January 11, 2022, and included the collection and laboratory analysis of two indoor air samples and one ambient outdoor air sample, and the completion of the NYSDEC Structure Sampling Questionnaire and Building Inventory forms, included in Appendix B. The purpose of the SVI Evaluation was to determine if volatile organic compounds (VOCs) identified prior to remediation at the Site are present in indoor air in the basement and first floor of the two buildings.

Results were submitted to NYSDEC in a letter report dated February 18, 2022. The report was reviewed and approved by NYSDEC in a letter dated March 10, 2022.

The analytical results of the SVI Evaluation are presented in Table 1. Sample locations and VOC detections are shown in Figures 3 through 6. Concentrations of VOCs in indoor air samples collected in the basement and first floor of each building and in the ambient outdoor air sample were below the range of published background concentrations and NYSDOH Air Guideline Values (AGVs), with the exception of methyl methacrylate, found in both

buildings at concentrations slightly above the published background upper fence value. The laboratory data packages are included in Appendix C.

NYSDOH Matrix A compounds cis-1,2-dichloroethene (c12-DCE) and 1,1-dichloroethene (11-DCE), and trichloroethylene (TCE) were not detected in any of the samples. Carbon tetrachloride was detected at similar concentrations in all the samples, including indoor and outdoor air (maximum concentration of 0.510 $\mu\text{g}/\text{m}^3$ in OA-1).

NYSDOH Matrix B compounds tetrachloroethene (PCE) and methylene chloride were detected below the respective NYSDOH AGVs. 1,1,1-Trichloroethane (111-TCA) was not detected in any of the samples.

Vinyl chloride, the NYSDOH Matrix C compound, was not detected in any of the samples.

One compound, methyl methacrylate, was detected slightly above the NYSDOH upper fence background concentration of 0.4 $\mu\text{g}/\text{m}^3$ in both buildings (maximum indoor concentration of 0.620 $\mu\text{g}/\text{m}^3$). The ambient outdoor concentration was 0.330 $\mu\text{g}/\text{m}^3$.

Based on the results of the SVI Evaluation conducted at 702 Grand Concourse and 707 Concourse Village West, GEI concludes the following:

- The concentrations of VOCs detected in indoor and ambient outdoor air samples collected as part of this SVI Evaluation are attributable to ambient conditions at the site and operation of a commercial parking garage in the cellar of 707 Concourse Village West.
- The VOCs detected in soil vapor and groundwater during the Remedial Investigation conducted in 2017 were either not detected or detected below the NYSDOH AGVs and published background concentrations in the indoor and ambient air samples, with the exception of methyl methacrylate, which was detected slightly above the published background upper fence concentration in both buildings.
- No further sampling is required, and the Site building is currently suitable for commercial and residential use.

3.3 Groundwater Monitoring

Groundwater monitoring was not performed during the 12-month reporting period beginning on April 24, 2021, due to COVID-19 related financial hardship on the part of the Owner. This was communicated to NYSDEC in a request for deadline extension for this PRR, which was granted by NYSDEC via email on June 1, 2022. Groundwater monitoring was conducted on October 25, 2022, and this PRR has been revised to include the results.

Groundwater samples were collected from two monitoring wells (SIS-MW-1 and SIS-MW-2) in accordance with Section 4.3.1 of the SMP. All wells were purged using low flow methodology with field screening of water quality parameters. Groundwater sampling logs are included in Appendix D.

Samples were submitted to Eurofins TestAmerica, Edison, a New York State Environmental Laboratory Approval Program certified laboratory, for Target Compound List VOCs by USEPA Method 8260D.

Laboratory data reports are included in Appendix E. Data Usability Summary Reports are included in Appendix F.

Petroleum-related VOC concentrations were not detected at levels exceeding 6NYCRR Part 703.5 Ambient Water Quality Standards (AWQS) in either of the two wells sampled. Compounds that exceeded AWQS in the 2021 sampling event, which included ethylbenzene, isopropylbenzene, o-Xylene, and toluene, were either below detection limit or detected at levels below the respective AWQS.

Table 2 presents the analytical results of the October 2022 groundwater monitoring event. Figure 7 shows a box map of previous AWQS exceedances and corresponding current concentrations.

4. Conclusions

Based on the results of the monitoring and inspection reported herein, the Site is in compliance with the ICs, which remain effective in protecting human health and the environment. The Site continues to be used in a manner consistent with the Environmental Easement and in conformance with the requirements of the SMP.

In accordance with the SMP, the monitoring and inspections for the next reporting period (August 20, 2022, to August 19, 2023) will consist of the following:

- Annual groundwater monitoring
- Annual Site-wide inspection.

Additional Site-wide inspections will be performed within 5 days after any severe weather conditions.

The need for Engineering Controls at the Site was evaluated based on the results of the SVI evaluation performed in January 2022. Results indicated that no soil vapor mitigation measures are warranted. Therefore, no ECs are required or in use at the Site.

For all future groundwater monitoring events, per Section 4.3 of the SMP, groundwater samples will be analyzed for VOCs only, unless additional analyses are requested by NYSDEC.

References

6NYCRR Part 375, Environmental Remediation Programs. December 14, 2006.

Environmental Project Data Statements Company, Phase I Environmental Site Assessment Report. April 2013.

EnviroTrac Ltd., Subsurface Investigation Report. 2006.

GEI Consultants, Inc., P.C., Remedial Investigation Work Plan and Supplemental Remedial Investigation Work Plan. February 2017.

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GTA Engineering Services of New York, P.C., Geotechnical Exploration Report. February 2017.

NYSDEC DER-10 – “Technical Guidance for Site Investigation and Remediation”.

NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).

NYSDEC, 2021. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs. January 2021.

URS Corporation, Phase I Environmental Site Assessment. 2001.

URS Corporation, Phase II Environmental Site Assessment. 2001.

Shaw Environmental, Phase II Investigation. 2005.

Tables

Sample ID		NYSDOH Background Standards - Indoor Air - Upper Fence	NYSDOH Air Guideline Value	OA-1 22A0584-05 1/11/2022 8:42:00 AM		IA-1 22A0584-01 1/11/2022 8:20:00 AM		IA-2 22A0584-02 1/11/2022 8:25:00 AM		IA-3 22A0584-03 1/11/2022 8:36:00 AM		IA-4 22A0584-04 1/11/2022 8:38:00 AM	
York ID				Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air	
Sampling Date													
Client Matrix													
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor				0.81		0.852		0.792		0.796		1.1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.560	U	0.580	U	0.540	U	0.550	U	0.760	U
1,1,1-Trichloroethane	71-55-6	2.5	~	0.440	U	0.460	U	0.430	U	0.430	U	0.600	U
1,1,2,2-Tetrachloroethane	79-34-5	0.4	~	0.560	U	0.580	U	0.540	U	0.550	U	0.760	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11)	76-13-1	2.5	~	0.680	D	0.650	D	0.610	D	0.670	D	0.840	U
1,1,2-Trichloroethane	79-00-5	0.4	~	0.440	U	0.460	U	0.430	U	0.430	U	0.600	U
1,1-Dichloroethane	75-34-3	0.4	~	0.330	U	0.340	U	0.320	U	0.320	U	0.450	U
1,1-Dichloroethylene	75-35-4	0.4	~	0.0800	U	0.0840	U	0.0790	U	0.0790	U	0.110	U
1,2,4-Trichlorobenzene	120-82-1	0.5	~	0.600	U	0.630	U	0.590	U	0.590	U	0.820	U
1,2,4-Trimethylbenzene	95-63-6	9.8	~	0.400	U	0.960	D	0.390	J	0.670	D	0.650	D
1,2-Dibromoethane	106-93-4	0.4	~	0.620	U	0.650	U	0.610	U	0.610	U	0.850	U
1,2-Dichlorobenzene	95-50-1	0.5	~	0.490	U	0.510	U	0.480	U	0.480	U	0.660	U
1,2-Dichloroethane	107-06-2	0.4	~	0.330	U	0.340	U	0.320	U	0.320	U	0.450	U
1,2-Dichloropropane	78-87-5	0.4	~	0.370	U	0.390	U	0.370	U	0.370	U	0.510	U
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	~	0.570	U	0.600	U	0.550	U	0.560	U	0.770	U
1,3,5-Trimethylbenzene	108-67-8	3.9	~	0.400	U	0.420	J	0.390	U	0.390	J	0.540	J
1,3-Butadiene	106-99-0	~	~	0.540	U	0.570	J	0.530	J	0.530	U	0.730	U
1,3-Dichlorobenzene	541-73-1	0.5	~	0.490	U	0.510	U	0.480	U	0.480	U	0.660	U
1,3-Dichloropropane	142-28-9	~	~	0.370	U	0.390	U	0.370	U	0.370	U	0.510	U
1,4-Dichlorobenzene	106-46-7	1.2	~	0.490	U	0.510	U	0.480	U	0.480	U	0.660	U
1,4-Dioxane	123-91-1	~	~	0.580	U	0.610	U	0.570	U	0.570	U	0.790	U
2-Butanone	78-93-3	16	~	0.310	D	0.450	D	0.700	D	0.490	D	1.100	D
2-Hexanone	591-78-6	~	~	0.660	U	0.700	U	0.650	U	0.650	U	0.900	U
3-Chloropropene	107-05-1	~	~	1.300	U	1.300	U	1.200	U	1.200	U	1.700	U
4-Methyl-2-pentanone	108-10-1	1.9	~	0.330	U	0.350	U	0.320	U	0.330	U	0.450	U
Acetone	67-64-1	115	~	2.900	D	13	D	8.100	D	4.900	D	9	D
Acrylonitrile	107-13-1	~	~	0.180	U	0.180	U	0.170	U	0.170	U	0.240	U
Benzene	71-43-2	13	~	1.200	D	5.800	D	1.400	D	1.200	D	1.400	D
Benzyl chloride	100-44-7	~	~	0.420	U	0.440	U	0.410	U	0.410	U	0.570	U
Bromodichloromethane	75-27-4	~	~	0.540	U	0.570	U	0.530	U	0.530	U	0.740	U
Bromoform	75-25-2	~	~	0.840	U	0.880	U	0.820	U	0.820	U	1.100	U
Bromomethane	74-83-9	0.5	~	0.310	U	0.330	U	0.310	U	0.310	U	0.430	U
Carbon disulfide	75-15-0	~	~	0.250	U	0.270	U	0.250	U	0.250	U	0.340	U
Carbon tetrachloride	56-23-5	1.3	~	0.510	D	0.380	D	0.450	D	0.500	D	0.480	D
Chlorobenzene	108-90-7	0.4	~	0.370	U	0.390	U	0.360	U	0.370	U	0.510	U
Chloroethane	75-00-3	0.4	~	0.210	U	0.220	U	0.210	U	0.210	U	0.290	U
Chloroform	67-66-3	1.2	~	0.400	U	0.420	U	0.390	U	0.390	U	0.640	D
Chloromethane	74-87-3	4.2	~	1.600	D	1.300	D	1.300	D	1.400	D	1.600	D
cis-1,2-Dichloroethylene	156-59-2	0.4	~	0.0800	U	0.0840	U	0.0790	U	0.0790	U	0.110	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	~	0.370	U	0.390	U	0.360	U	0.360	U	0.500	U
Cyclohexane	110-82-7	6.3	~	0.280	U	0.670	D	0.270	J	0.270	U	0.380	U
Dibromochloromethane	124-48-1	~	~	0.690	U	0.730	U	0.670	U	0.680	U	0.940	U
Dichlorodifluoromethane	75-71-8	10	~	2.600	D	2.300	D	2.500	D	2.400	D	2.600	D
Ethyl acetate	141-78-6	~	~	0.580	U	0.610	J	0.630	D	0.570	D	5.300	D
Ethyl Benzene	100-41-4	6.4	~	0.350	U	1	D	0.340	J	0.350	U	0.480	U
Hexachlorobutadiene	87-68-3	0.5	~	0.860	U	0.910	U	0.840	U	0.850	U	1.200	U
Isopropanol	67-63-0	~	~	1.800	BD	13	BD	11	BD	1.900	BD	24	BD
Methyl Methacrylate	80-62-6	0.4	~	0.330	U	0.490	D	0.620	D	0.330	J	0.450	D
Methyl tert-butyl ether (MTBE)	1634-04-4	14	~	0.290	U	0.310	U	0.290	U	0.290	U	0.400	U
Methylene chloride	75-09-2	16	60	0.980	D	1.500	D	8.800	D	2.700	D	2.800	D
n-Heptane	142-82-5	18	~	0.330	J	1.400	D	1.600	D	0.330	D	0.450	J
n-Hexane	110-54-3	14	~	0.310	D	2	D	0.750	D	0.310	D	0.470	D
o-Xylene	95-47-6	7.1	~	0.350	J	1.100	D	0.340	D	0.350	J	0.480	J
p- & m- Xylenes	179601-23-1	11	~	0.700	U	3.100	D	0.930	D	0.690	J	1.100	D
p-Ethyltoluene	622-96-8	~	~	0.400	U	0.920	D	0.390	U	0.510	D	0.590	D
Propylene	115-07-1	~	~	0.140	U	4.800	D	0.140	U	0.140	U	0.190	U
Styrene	100-42-5	1.4	~	0.350	U	0.360	J	0.340	U	0.340	U	0.470	U
Tetrachloroethylene	127-18-4	2.5	30	0.550	U	0.580	U	0.540	J	0.540	U	0.750	J
Tetrahydrofuran	109-99-9	0.8	~	0.480	U	0.500	U	0.470	U	0.470	U	0.650	U
Toluene	108-88-3	57	~	0.700	D	6	D	2.100	D	0.690	D	1.100	D
trans-1,2-Dichloroethylene	156-60-5	~	~	0.320	U	0.840	D	2.600	D	0.320	U	0.440	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.370	U	0.390	U	0.360	U	0.360	U	0.500	U
Trichloroethylene	79-01-6	0.5	2	0.110	U	0.110	U	0.110	U	0.110	U	0.150	U
Trichlorofluoromethane (Freon 11)	75-69-4	12	~	1.400	D	1.200	D	1.400	D	1.400	D	1.500	D
Vinyl acetate	108-05-4	~	~	0.290	U	0.300	U	0.280	U	0.280	U	0.390	U
Vinyl bromide	593-60-2	~	~	0.350	U	0.370	U	0.350	U	0.350	U	0.480	U
Vinyl Chloride	75-01-4	0.4	~	0.100	U	0.110	U	0.100	U	0.100	U	0.140	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

Table 2. Annual Groundwater Monitoring Results
Periodic Review Report
Concourse Village West Apartments - South
NYSDEC BCP Site No. C203092

Sample Name Sample Date Parent Sample				SIS-MW-1 4/16/2021		DUP-02 4/16/2021 SIS-MW-1		SIS-MW-1 10/25/2022		SIS-MW-2 4/16/2021		SIS-MW-2 10/25/2022	
Analyte	Units	CAS No.	NYS AWQS										
Volatile Organic Compounds	ug/L												
1,1,1,2-Tetrachloroethane		630-20-6	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,1-Trichloroethane		71-55-6	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane		79-34-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1,2-Trichloroethane		79-00-5	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethane		75-34-3	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene		75-35-4	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene		87-61-6	5	1.0	U	1.0	U	1.0	U *	1.0	U	1.0	U *
1,2,4-Trichlorobenzene		120-82-1	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane		96-12-8	0.04	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichlorobenzene		95-50-1	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloroethane		107-06-2	0.6	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,2-Dichloropropane		78-87-5	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3-Dichlorobenzene		541-73-1	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dichlorobenzene		106-46-7	3	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,4-Dioxane		123-91-1	NE	50	U	50	U	50	U	50	U	50	U
2-Butanone (MEK)		78-93-3	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone		591-78-6	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Methyl-2-propanol		75-65-0	NE	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone		67-64-1	50	5.0	U	5.0	U	14		5.0	U	5.0	U
Benzene		71-43-2	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromoform		75-25-2	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Bromomethane		74-83-9	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon disulfide		75-15-0	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Carbon tetrachloride		56-23-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobenzene		108-90-7	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorobromomethane		74-97-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chlorodibromomethane		124-48-1	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroethane		75-00-3	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloroform		67-66-3	7	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Chloromethane		74-87-3	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
cis-1,2-Dichloroethene		156-59-2	5	0.30	J	0.34	J	0.26	J	0.66	J	1.0	U
cis-1,3-Dichloropropene		10061-01-5	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Cyclohexane		110-82-7	NE	1.8		1.9		1.0	U	1.2		1.0	U
Dichlorobromomethane		75-27-4	50	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Dichlorodifluoromethane		75-71-8	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Ethylbenzene		100-41-4	5	21		23		1.0	U	4.0		1.0	U
Ethylene Dibromide		106-93-4	0.0006	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Isopropylbenzene		98-82-8	5	3.4		3.1		1.0	U	37		1.6	
Methyl acetate		79-20-9	NE	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether		1634-04-4	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Methylcyclohexane		108-87-2	NE	2.7		2.7		2.8		2.3		1.0	U
Methylene Chloride		75-09-2	5	1.0	U	0.40	J	1.0	U	0.47	J	0.63	J
m-Xylene & p-Xylene		179601-23-1	NE	95		100		0.40	J	11		1.0	U
o-Xylene		95-47-6	5	30		33		1.0	U	3.4		1.0	U
Styrene		100-42-5	5	0.65	J	0.68	J	1.0	U	1.0	U	1.0	U
Tetrachloroethene		127-18-4	5	1.3		1.4		2.2		1.0	U	1.0	U
Toluene		108-88-3	5	12		12		1.0	U	1.6		1.0	U
trans-1,2-Dichloroethene		156-60-5	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
trans-1,3-Dichloropropene		10061-02-6	NE	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Trichloroethene		79-01-6	5	0.40	J	0.44	J	0.86	J	0.93	J	1.0	U
Trichlorofluoromethane		75-69-4	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Vinyl chloride		75-01-4	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylenes, Total		NA	NE	130		140		2.0	U	15		2.0	U
Total VOCs		NA	NE	298.55		318.96		20.52		77.56		2.23	
Total Estimated TICs		NA	NE	184.9		147.5		37.5		439.0		955.0	
SW 8270 SIM	ug/L												
1,4-Dioxane			NE	0.20	U	0.093	J	NA		0.20	U	NA	
Perfluoroundecanoic Acids EPA 537	ng/L												
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)			NE	4.07	U	4.16	U	NA		4.29	U	NA	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			NE	4.07	U	4.16	U	NA		4.29	U	NA	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			NE	4.07	U	4.16	U	NA		4.29	U	NA	
Perfluorobutanesulfonic acid (PFBS)			NE	6.90		6.25		NA		5.71		NA	
Perfluorobutanoic acid (PFBA)			NE	26.3		23.5		NA		10.5		NA	
Perfluorodecanesulfonic acid (PFDS)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Perfluorodecanoic acid (PFDA)			NE	3.66		3.45		NA		0.48	J	NA	
Perfluorododecanoic acid (PFDoA)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Perfluoroheptanesulfonic Acid (PFHpS)			NE	0.44	J	0.31	J	NA		0.97	J	NA	
Perfluoroheptanoic acid (PFHpA)			NE	9.52		8.70		NA		7.12		NA	
Perfluorohexanesulfonic acid (PFHxS)			NE	5.14		5.05		NA		25.5		NA	
Perfluorohexanoic acid (PFHxA)			NE	17.2		16.6		NA		13.0		NA	
Perfluorononanoic acid (PFNA)			NE	1.91		1.71		NA		1.90		NA	
Perfluorooctanesulfonamide (PFOSA)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Perfluorooctanesulfonic acid (PFOS)			NE	14.8		13.6		NA		26.0		NA	
Perfluorooctanoic acid (PFOA)			NE	22.8		22.1		NA		35.5		NA	
Perfluoropentanoic acid (PFPeA)			NE	23.9		21.4		NA		12.8		NA	
Perfluorotetradecanoic acid (PFTeA)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Perfluorotridecanoic acid (PFTriA)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Perfluoroundecanoic acid (PFUnA)			NE	1.63	U	1.66	U	NA		1.71	U	NA	
Total PFOS + PFOA			NE	37.6		35.7		NA		61.5		NA	

Notes:
ng/L = nanogram per liter
µg/L = micrograms per liter or parts per billion (ppb)

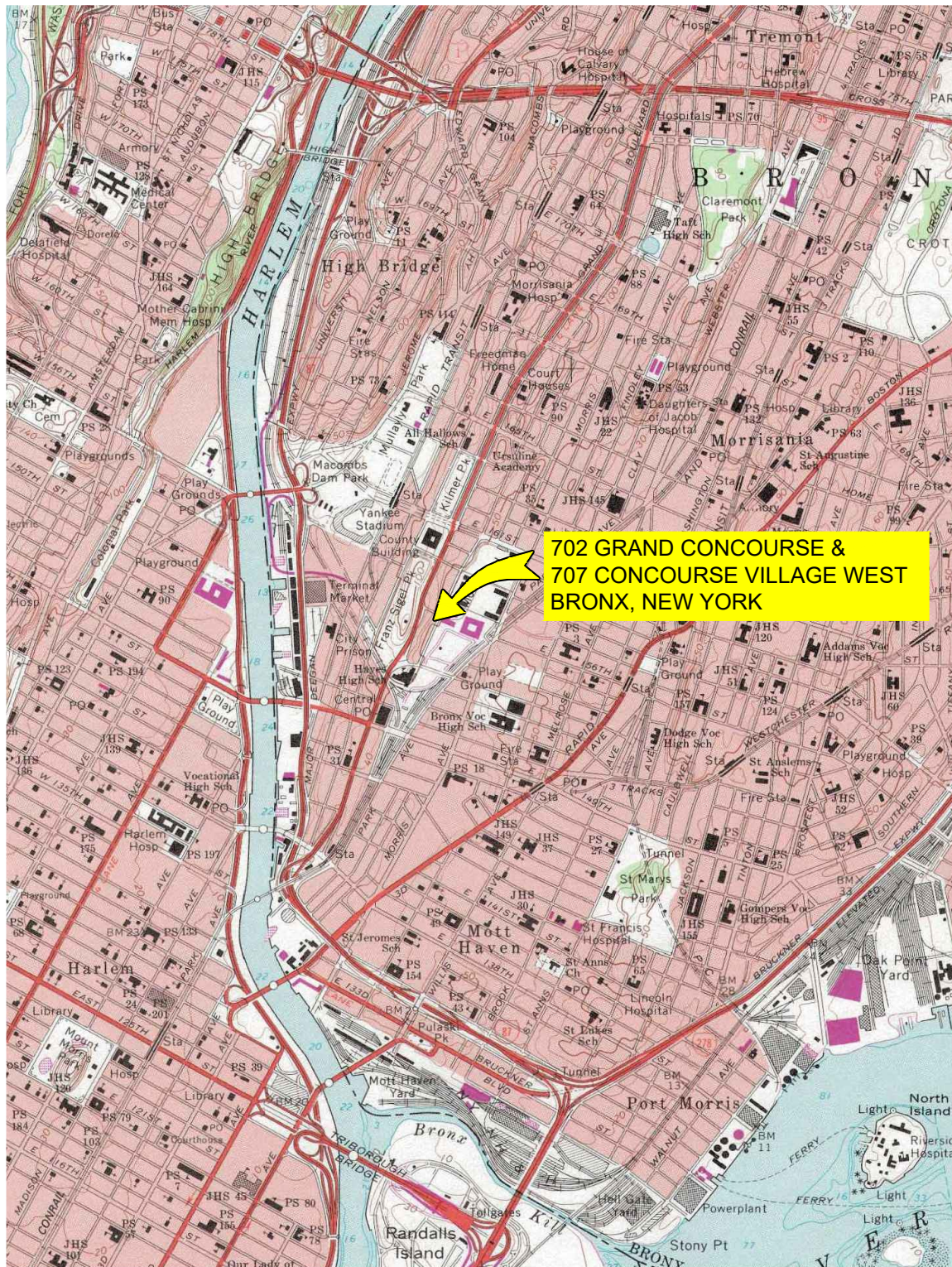
NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
* indicates the value is a guidance value and not a standard

NA = Not Analyzed
NE = Not Established
NYSDEC = New York State Department of Environmental Conservation

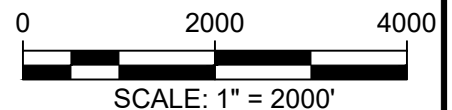
Bolding indicates a detected result concentration
Shading and bolding indicates that the detected concentration is above the NYS AWQS it was compared to

Qualifiers:
J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is

Figures



**702 GRAND CONCOURSE &
707 CONCOURSE VILLAGE WEST
BRONX, NEW YORK**



SOURCE:

USGS CENTRAL PARK QUADRANGLE MAP

PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - SOUTH
702 GRAND CONCOURSE & 707 CONCOURSE VILLAGE WEST
BRONX, NEW YORK

CONCOURSE VILLAGE WEST OWNER LLC
40 FULTON STREET, 12TH FLOOR
NEW YORK, NEW YORK



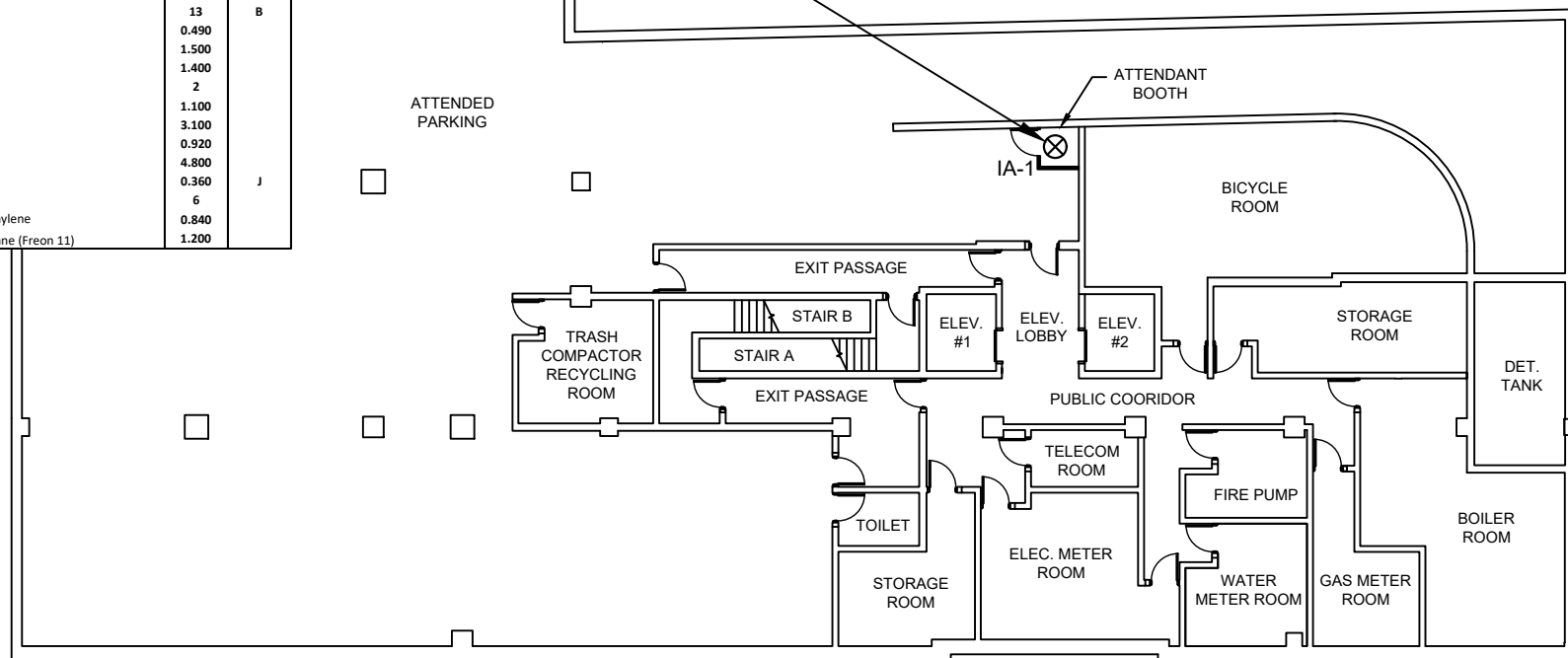
Project 1704733

SITE LOCATION MAP

August 2022

Fig. 1

Sample ID	IA-1	
Sampling Date	1/11/2022	
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.852	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.650	
1,2,4-Trimethylbenzene	0.960	
1,3,5-Trimethylbenzene	0.420	J
1,3-Butadiene	0.570	J
2-Butanone	0.450	
Acetone	13	
Benzene	5.800	
Carbon tetrachloride	0.380	
Chloromethane	1.300	
Cyclohexane	0.670	
Dichlorodifluoromethane	2.300	
Ethyl acetate	0.610	J
Ethyl Benzene	1	
Isopropanol	13	B
Methyl Methacrylate	0.490	
Methylene chloride	1.500	
n-Heptane	1.400	
n-Hexane	2	
o-Xylene	1.100	
p- & m- Xylenes	3.100	
p-Ethyltoluene	0.920	
Propylene	4.800	
Styrene	0.360	J
Toluene	6	
trans-1,2-Dichloroethylene	0.840	
Trichlorofluoromethane (Freon 11)	1.200	



NOTES:

ug/m3 = micrograms per cubic meter

Q = Qualifier Column

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

J = The value is estimated.

U = Analyte was not detected.

LEGEND:

⊗ INDOOR AIR SAMPLE LOCATION



NOT TO SCALE

PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - SOUTH
707 CONCOURSE VILLAGE WEST,
BRONX, NEW YORK
BCP SITE #C203092
CONCOURSE VILLAGE WEST - SOUTH
BRONX, NEW YORK



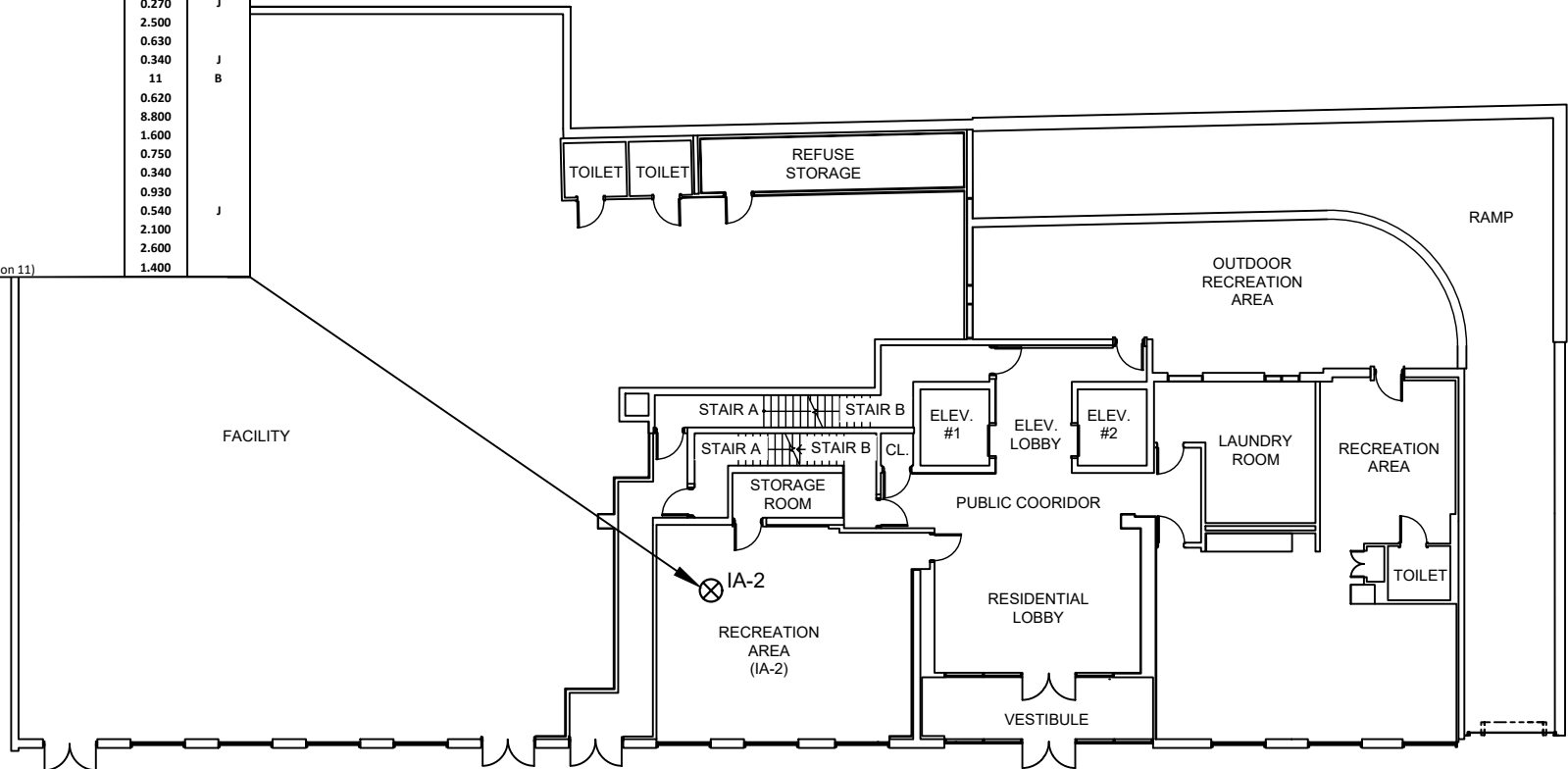
Project 1704733

SOIL VAPOR INTRUSION EVALUATION
RESULTS - 707 CONCOURSE
VILLAGE WEST (LOT 49)
CELLAR

August 2022

Fig. 3

Sample ID	IA-2	
Sampling Date	1/11/2022	
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.792	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.610	
1,2,4-Trimethylbenzene	0.390	J
1,3-Butadiene	0.530	J
2-Butanone	0.700	
Acetone	8.100	
Benzene	1.400	
Carbon tetrachloride	0.450	
Chloromethane	1.300	
Cyclohexane	0.270	J
Dichlorodifluoromethane	2.500	
Ethyl acetate	0.630	
Ethyl Benzene	0.340	J
Isopropanol	11	B
Methyl Methacrylate	0.620	
Methylene chloride	8.800	
n-Heptane	1.600	
n-Hexane	0.750	
o-Xylene	0.340	
p- & m- Xylenes	0.930	
Tetrachloroethylene	0.540	J
Toluene	2.100	
trans-1,2-Dichloroethylene	2.600	
Trichlorofluoromethane (Freon 11)	1.400	



NOTES:

ug/m3 = micrograms per cubic meter

Q = Qualifier Column

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

J = The value is estimated.

U = Analyte was not detected.

LEGEND:

⊗ INDOOR AIR SAMPLE LOCATION



NOT TO SCALE

PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - SOUTH
707 CONCOURSE VILLAGE WEST,
BRONX, NEW YORK
BCP SITE #C203092
CONCOURSE VILLAGE WEST - SOUTH
BRONX, NEW YORK



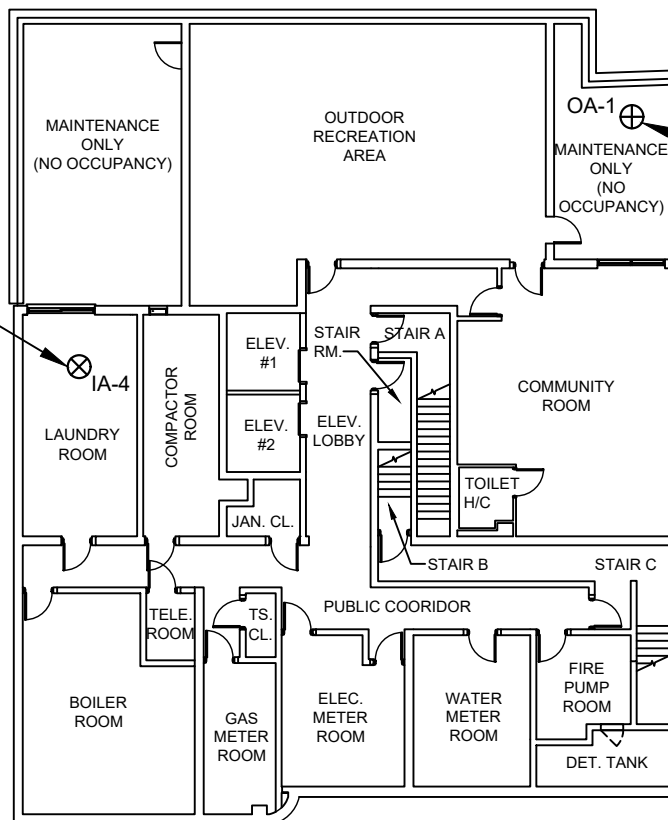
Project 1704733

SOIL VAPOR INTRUSION EVALUATION
RESULTS - 707 CONCOURSE
VILLAGE WEST (LOT 49)
FIRST FLOOR

August 2022

Fig. 4

Sample ID	IA-4	
Sampling Date	1/11/2022	
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	1.1	
1,2,4-Trimethylbenzene	0.650	J
1,3,5-Trimethylbenzene	0.540	
2-Butanone	1.100	
Acetone	9	
Benzene	1.400	
Carbon tetrachloride	0.480	
Chloroform	0.640	
Chloromethane	1.600	
Dichlorodifluoromethane	2.600	
Ethyl acetate	5.300	
Isopropanol	24	B
Methyl Methacrylate	0.450	
Methylene chloride	2.800	
n-Heptane	0.450	J
n-Hexane	0.470	
o-Xylene	0.480	J
p- & m- Xylenes	1.100	
p-Ethyltoluene	0.590	
Tetrachloroethylene	0.750	J
Toluene	1.100	
Trichlorofluoromethane (Freon 11)	1.500	



Sample ID	OA-1	
Sampling Date	1/11/2022	
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.81	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.680	
2-Butanone	0.310	
Acetone	2.900	
Benzene	1.200	
Carbon tetrachloride	0.510	
Chloromethane	1.600	
Dichlorodifluoromethane	2.600	
Isopropanol	1.800	B
Methylene chloride	0.980	
n-Heptane	0.330	J
n-Hexane	0.310	
o-Xylene	0.350	J
Toluene	0.700	
Trichlorofluoromethane (Freon 11)	1.400	

NOTES:

ug/m3 = micrograms per cubic meter

Q = Qualifier Column

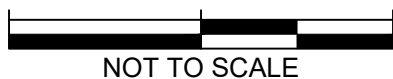
B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

J = The value is estimated.

U = Analyte was not detected.

LEGEND:

- ⊗ INDOOR AIR SAMPLE LOCATION
- ⊕ OUTDOOR AIR SAMPLE LOCATION



PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - SOUTH
702 GRAND CONCOURSE & 707 CONCOURSE VILLAGE
WEST, BRONX, NEW YORK
BCP SITE #C203092
CONCOURSE VILLAGE WEST - SOUTH
BRONX, NEW YORK

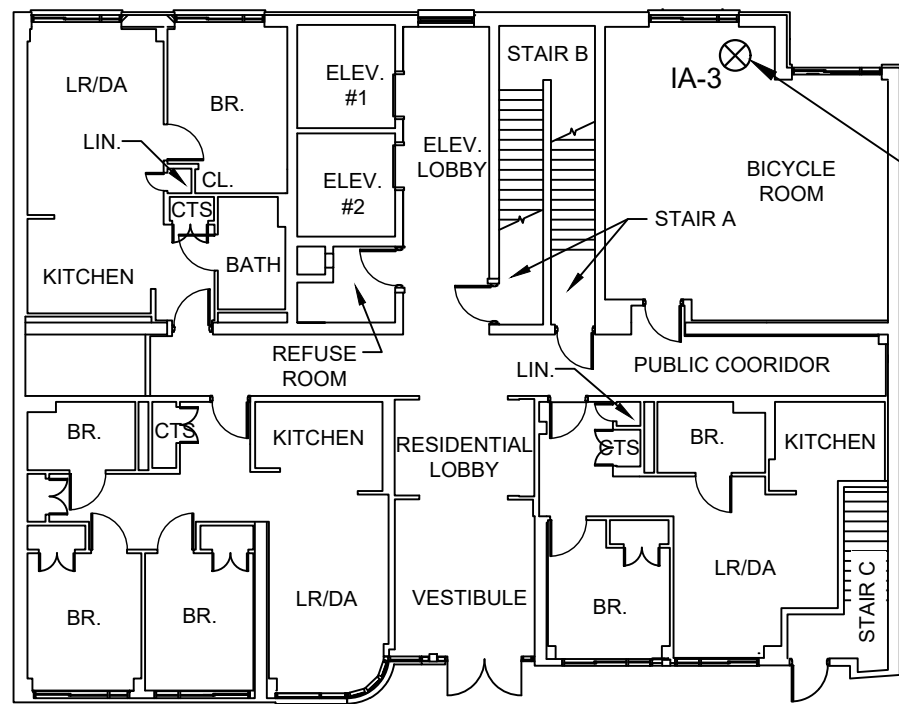


Project 1704733

SOIL VAPOR INTRUSION
EVALUATION RESULTS
702 GRAND CONCOURSE (LOT 13)
CELLAR

August 2022

Fig. 5



Sample ID	IA-3	
Sampling Date	1/11/2022	
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	0.796	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.670	
1,2,4-Trimethylbenzene	0.670	
1,3,5-Trimethylbenzene	0.390	J
2-Butanone	0.490	
Acetone	4.900	
Benzene	1.200	
Carbon tetrachloride	0.500	
Chloromethane	1.400	
Dichlorodifluoromethane	2.400	
Ethyl acetate	0.570	
Isopropanol	1.900	B
Methyl Methacrylate	0.330	J
Methylene chloride	2.700	
n-Heptane	0.330	
n-Hexane	0.310	
o-Xylene	0.350	J
p- & m- Xylenes	0.690	J
p-Ethyltoluene	0.510	
Toluene	0.690	
Trichlorofluoromethane (Freon 11)	1.400	

NOTES:

ug/m3 = micrograms per cubic meter

Q = Qualifier Column

B = Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

J = The value is estimated.

U = Analyte was not detected.

LEGEND:

⊗ INDOOR AIR SAMPLE LOCATION



NOT TO SCALE

PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - SOUTH
702 GRAND CONCOURSE & 707 CONCOURSE VILLAGE
WEST, BRONX, NEW YORK
BCP SITE #C203092
CONCOURSE VILLAGE WEST - SOUTH
BRONX, NEW YORK



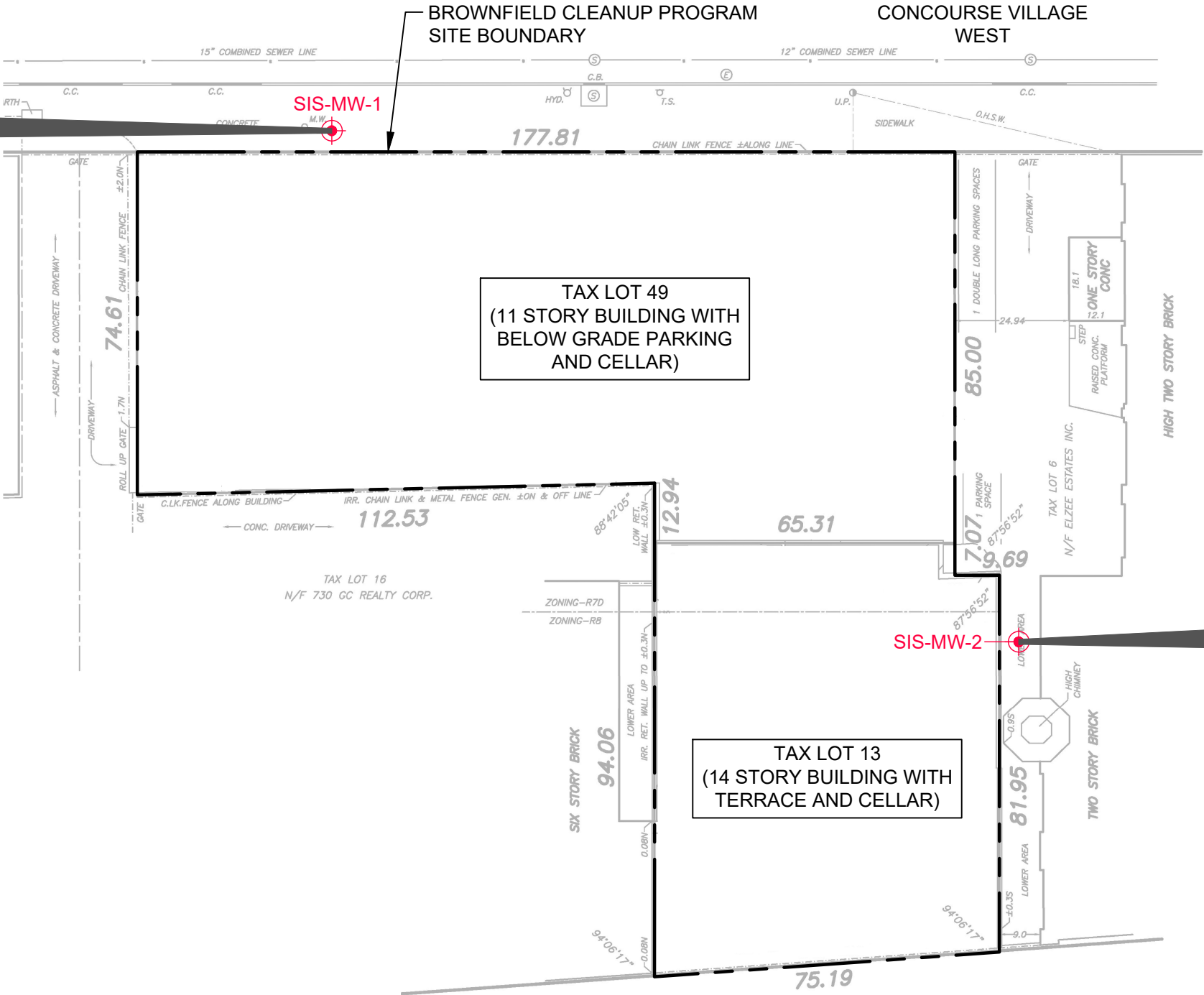
Project 1704733

SOIL VAPOR INTRUSION
EVALUATION RESULTS
702 GRAND CONCOURSE (LOT 13)
FIRST FLOOR

August 2022

Fig. 6

Location:	SIS-MW-1	DUP-02	SIS-MW-1
Sample Date:	4/16/2021	4/16/2021	10/25/2022
VOCs (ug/L)			
Ethylbenzene	21	23	1.0 U
o-Xylene	30	33	1.0 U
Toluene	12	12	1.0 U



Location:	SIS-MW-2	SIS-MW-2
Sample Date:	4/16/2021	10/25/2022
VOCs (ug/L)		
Isopropylbenzene	37	1.6

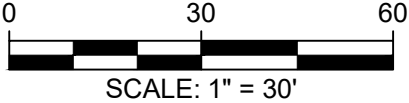
LEGEND:

 GROUNDWATER MONITORING WELL
(INSTALLED POST-REMEDATION)

Analyte	NYS AWQS
VOCs (ug/l)	
Ethylbenzene	5
Isopropylbenzene	5
o-Xylene	5
Toluene	5

NOTES:
ug/L = micrograms per liter or parts per billion (ppb)
VOC = Volatile Organic Compound
NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater
BOLD Indicates a detected result concentration
BOLD Indicates that the detected concentration is above the NYS AWQS it was compared to

NA = Not Analyzed
J = The result is an estimated value.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.
* = Laboratory Control Sample or LCS Duplicate is outside acceptance limits
B = Compound was found in the blank and sample.



Periodic Review Report
Concourse Village West Apartments - South
747 Concourse Village West, Bronx, New York

Concourse Village West Owner LLC
New York, New York



GROUNDWATER
EXCEEDANCES

Project 1704733

January 2023

Fig. 7

Appendix A

Site Inspection Form

Site Inspection Form

CONCOURSE VILLAGE WEST APARTMENTS – SOUTH

NYSDEC BCP Site Number: C203092

General Information			
Project Name	Concourse Village West Apartments - South		
Site No.	C203092	Location	702 Grand Concourse & 707 Concourse Village West Bronx, New York
Date of Inspection	8/19/22	Start/End Time	9:35 - 10:00
Inspector's Name(s)	Michael Bohuski		
Inspector's Title(s)	Project Professional		
Inspector's Contact Information	(516) 946-0008, mbohuski@geiconsultants.com		
Inspector's Qualifications	QEP		
Describe present state of site	New buildings.		
Type of Inspection: ☒ Regular ☐ Other			
Weather Information			
Weather at time of this inspection? ☒ Clear ☐ Cloudy ☐ Rain ☐ Sleet ☐ Fog ☐ Snowing ☐ High Winds ☐ Other: Temperature: 80° F			

Overall Site Issues

	Activity	Corrective Action Needed and Notes
1	Is the site cover system consisting of the building foundation elements intact; is there any presence of cracks and leaks?	Intact - no cracks
2	Are the monitoring wells and surrounding sidewalk un-tampered with/in good condition?	Yes
3	Inspect site records and confirm that they are up to date as necessary (e.g., Site Inspection Checklists, sampling logs, etc.)	Up to date
4	Is the site usage in compliance with the institutional controls?	Yes - residential/commercial
5	Is there evidence of past invasive construction or excavation activity on site?	No

Non-Compliance

Describe any incidents of non-compliance not described above:

None

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: Michael Bohuski, Project Professional

Signature: Michael Bohuski Date: 8/19/22

Appendix B

Structure Sampling Questionnaire and Building Inventory



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Concourse Village West - SOUTH Site Code: C203092 Operable Unit: _____
Building Code: _____ Building Name: _____
Address: 702 Grand Concourse Apt/Suite No: _____
City: Bronx State: NY Zip: 10451 County: Bronx

Contact Information

Preparer's Name: Michael Bohuski Phone No: (516) 946-0008
Preparer's Affiliation: GEI Consultants, Inc., P.C. Company Code: _____
Purpose of Investigation: Compliance with BCP SVI Work Plan Date of Inspection: Jan 11, 2022
Contact Name: Elysa Goldman Affiliation: OWNER
Phone No: (212) 365-5855 Alt. Phone No: 917-848-8315 Email: Egoldman@azimuthdgc.com
Number of Occupants (total): 45 Number of Children: 17
☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?
Owner Name (if different): _____ Owner Phone: _____
Owner Mailing Address: _____

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED Bldg Size (S/M/L): LARGE
If Commercial or Industrial Facility, Select Operations: VACANT If Residential Select Structure Type: _____
Number of Floors: 13 Approx. Year Construction: 2020 ☒ Building Insulated? ☐ Attached Garage?
Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Foundation Description

Foundation Type: BASEMENT Foundation Depth (bgs): 15 Unit: FEET
Foundation Floor Material: POURED CONCRETE Foundation Floor Thickness: _____ Unit: INCHES
Foundation Wall Material: POURED CONCRETE Foundation Wall Thickness: _____
☐ Floor penetrations? Describe Floor Penetrations: _____
☐ Wall penetrations? Describe Wall Penetrations: _____
Basement is: PARTIALLY FINISHED Basement is: DRY ☐ Sumps/Drains? Water In Sump?: N/A
Describe Foundation Condition (cracks, seepage, etc.): New building; no cracks, no seepage.
☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: OTHER Heat Fuel Type: GAS ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS Clothes Dryer Fuel Type: GAS
Water Htr Vent Location: OUTSIDE Dryer Vent Location: OUTSIDE



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: _____ Bldg Code: _____ Date: Jan 11, 2022

Bldg Address: 702 Grand Concourse Apt/Suite No: _____

Bldg City/State/Zip: Bronx NY, 10451

Make and Model of PID: Honeywell MiniRAE 3000 Date of Calibration: Jan 11, 2022

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? ☐ Yes Were there any elevated PID readings taken on site? ☐ No ☐ Products with COC?



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Concourse Village West - SOUTH Site Code: C203092 Operable Unit: _____

Building Code: _____ Building Name: _____

Address: 702 Grand Concourse Apt/Suite No: _____

City: Bronx State: NY Zip: 10451 County: Bronx

Factors Affecting Indoor Air Quality

Frequency Basement/Lowest Level is Occupied?: OCCASIONALLY Floor Material: CEMENT

☐ Inhabited? ☒ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener: _____

☐ Cleaning Products Used Recently?: Description of Cleaning Products: _____

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: _____

☐ New Carpet or Furniture? Location of New Carpet/Furniture: _____

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: _____

☐ Recent Painting/Staining? Location of New Painting: _____

☐ Solvent or Chemical Odors? Describe Odors (if any): _____

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: _____

☐ Recent Pesticide/Rodenticide? Description of Last Use: _____

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

☐ Any Prior Testing For Radon? If So, When?: _____

☐ Any Prior Testing For VOCs? If So, When?: _____

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 27 °F

Current Building Use: VACANT Barometric Pressure: 30.46 in(hg)

Product Inventory Complete? ☐ Yes ☒ Building Questionnaire Completed?



Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

Building Code: _____ Address: 707 Concourse Village West Bronx, NY 10451

Sampling Information

Sampler Name(s): Michael Bohuski Sampler Company Code: _____
Sample Collection Date: Jan 11, 2022 Date Samples Sent To Lab: Jan 14, 2022
Sample Chain of Custody Number: _____ Outdoor Air Sample Location ID: OA-1

SUMMA Canister Information

Sample ID:	IA-3	IA-4	OA-1		
Location Code:	IA-3	IA-4	OA-1		
Location Type:	BASEMENT	FIRST FLOOR	OUTDOOR		
Canister ID:	41842	36963	37013		
Regulator ID:	7416	Y-25	Y-19		
Matrix:	Indoor Air	Indoor Air	Ambient Outd		
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA		

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	01/11/2022 8:36	01/11/2022	01/11/2022		
Vacuum Gauge Start:	-30	-28	-30		
Sample End Date/Time:	01/11/2022 16:	01/11/2022	01/11/2022		
Vacuum Gauge End:	-7	-11	-6		
Sample Duration (hrs):	8	8	8		
Vacuum Gauge Unit:	in (hg)	in (hg)	in (hg)		

Sample QA/QC Readings

Vapor Port Purge:	☐	☐	☐	☐	☐
Purge PID Reading:					
Purge PID Unit:					
Tracer Test Pass:	☐	☐	☐	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM



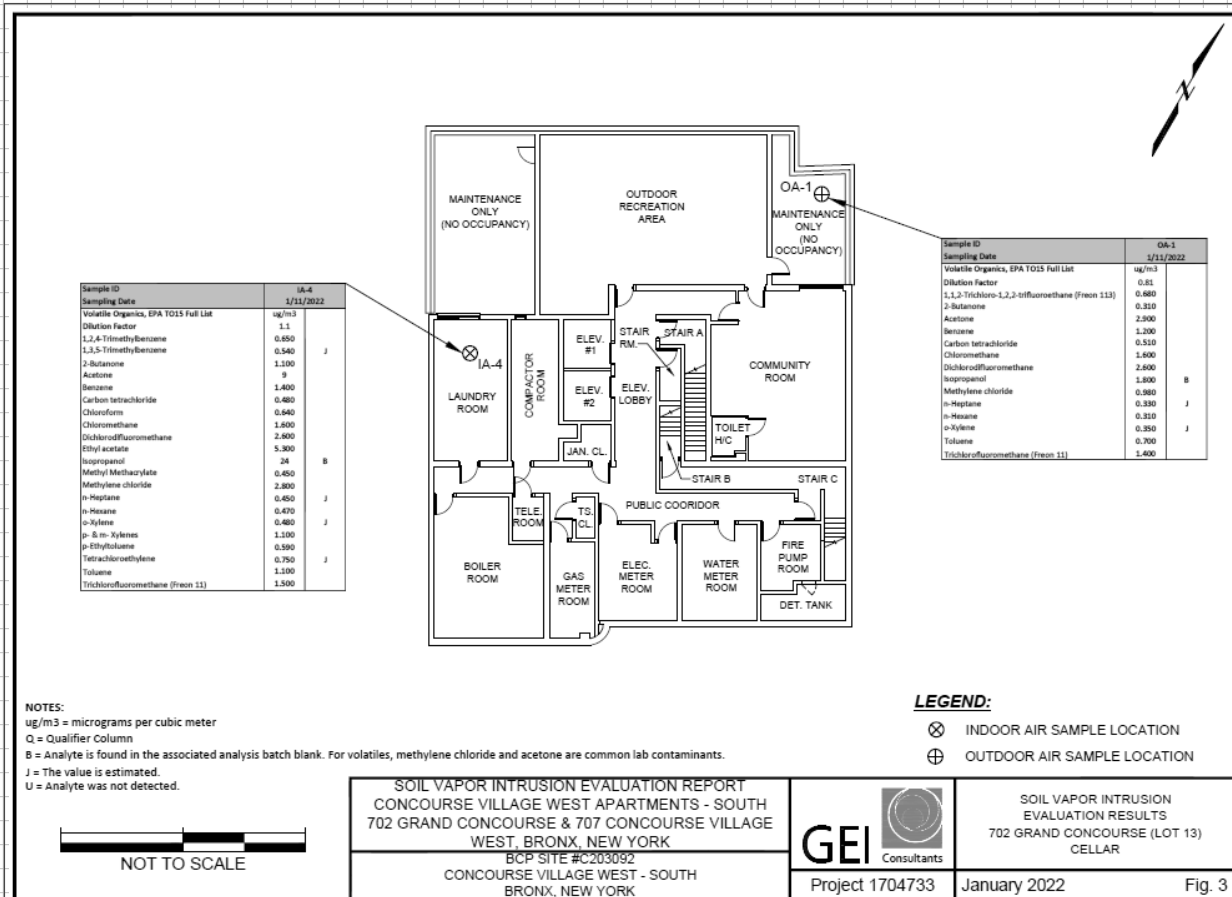
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:
 - B or F** Boiler or Furnace
 - HW** Hot Water Heater
 - FP** Fireplaces
 - WS** Wood Stoves
 - W/D** Washer / Dryer
 - S** Sumps
 - @** Floor Drains
 - o** Other floor or wall penetrations (label appropriately)
 - xxxxxxx** Perimeter Drains (draw inside or outside outer walls as appropriate)
 - #####** Areas of broken-up concrete
 - SS-1** Location & label of sub-slab samples
 - IA-1** Location & label of indoor air samples
 - OA-1** Location & label of outdoor air samples
 - PFET-1** Location and label of any pressure field test holes.



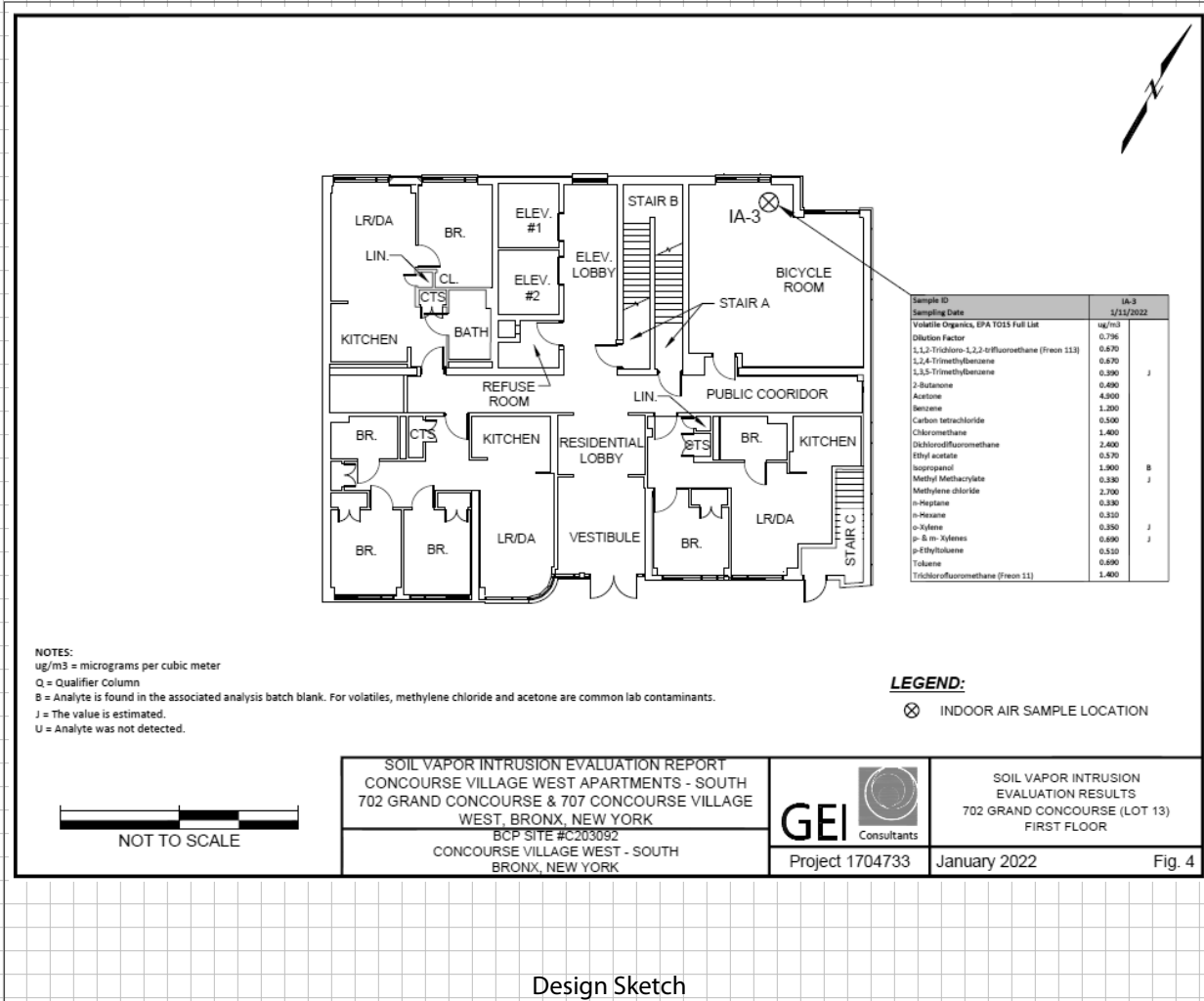
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:
 - B or F** Boiler or Furnace
 - HW** Hot Water Heater
 - FP** Fireplaces
 - WS** Wood Stoves
 - W/D** Washer / Dryer
 - S** Sumps
 - @** Floor Drains
 - o** Other floor or wall penetrations (label appropriately)
 - xxxxxxx** Perimeter Drains (draw inside or outside outer walls as appropriate)
 - #####** Areas of broken-up concrete
 - SS-1** Location & label of sub-slab samples
 - IA-1** Location & label of indoor air samples
 - OA-1** Location & label of outdoor air samples
 - PFET-1** Location and label of any pressure field test holes.



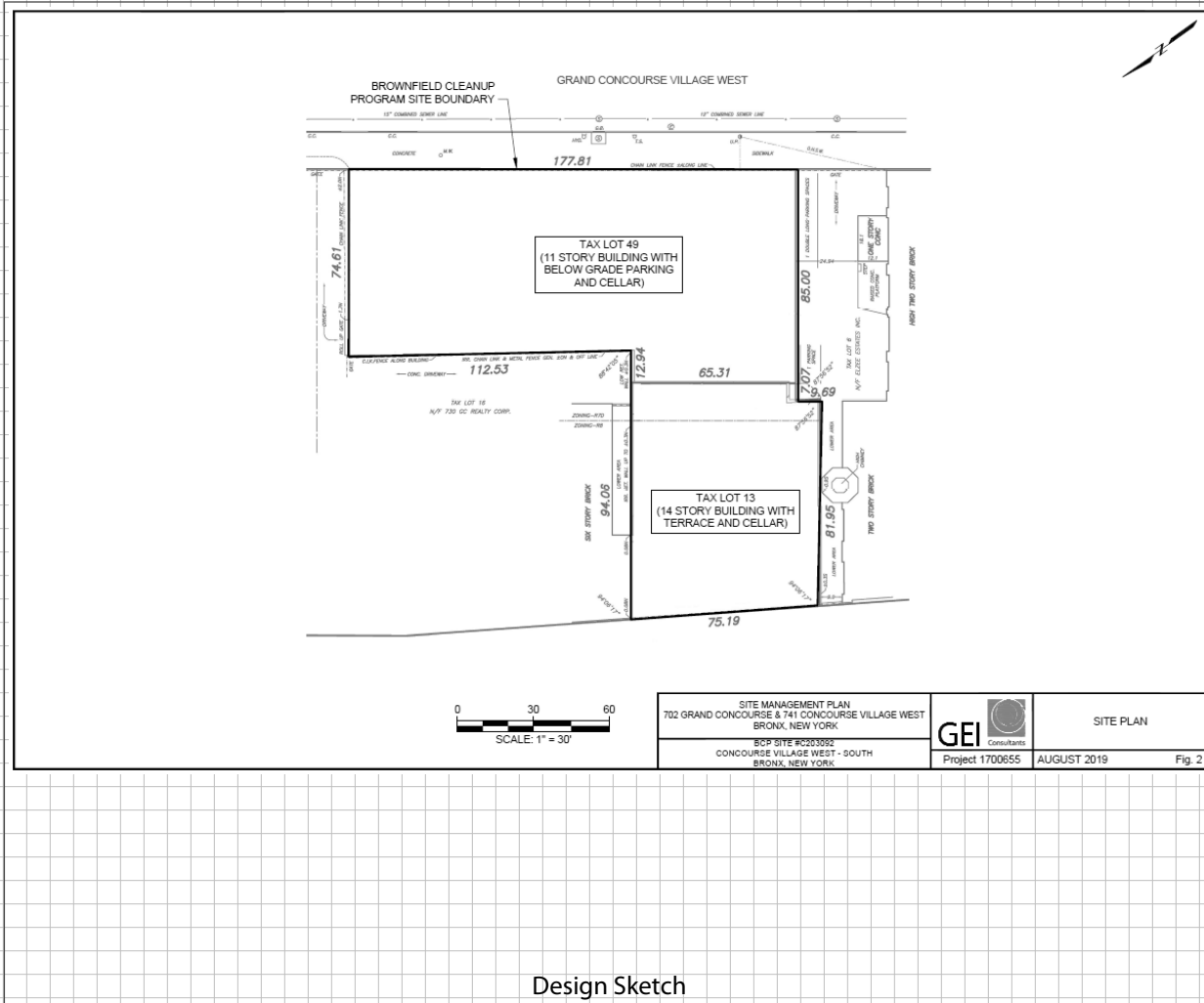
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
 - Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
 - Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
 - Identify the locations of the following features on the layout sketch, using the appropriate symbols:
- | | | | |
|---------------|-------------------|----------|--|
| B or F | Boiler or Furnace | o | Other floor or wall penetrations (label appropriately) |
| HW | Hot Water Heater | xxxxxxx | Perimeter Drains (draw inside or outside outer walls as appropriate) |
| FP | Fireplaces | ##### | Areas of broken-up concrete |
| WS | Wood Stoves | ● SS-1 | Location & label of sub-slab samples |
| W/D | Washer / Dryer | ● IA-1 | Location & label of indoor air samples |
| S | Sumps | ● OA-1 | Location & label of outdoor air samples |
| @ | Floor Drains | ● PFET-1 | Location and label of any pressure field test holes. |



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Concourse Village West - SOUTH Site Code: C203092 Operable Unit: _____
Building Code: _____ Building Name: _____
Address: 707 Concourse Village West Apt/Suite No: _____
City: Bronx State: NY Zip: 10451 County: Bronx

Contact Information

Preparer's Name: Michael Bohuski Phone No: (516) 946-0008
Preparer's Affiliation: GEI Consultants, Inc., P.C. Company Code: _____
Purpose of Investigation: Compliance with BCP SVI Work Plan Date of Inspection: Jan 11, 2022
Contact Name: Elysa Goldman Affiliation: OWNER
Phone No: (212) 365-5855 Alt. Phone No: 917-848-8315 Email: Egoldman@azimuthdgc.com
Number of Occupants (total): 80 Number of Children: 40
☐ Occupant Interviewed? ☐ Owner Occupied? ☐ Owner Interviewed?
Owner Name (if different): _____ Owner Phone: _____
Owner Mailing Address: _____

Building Details

Bldg Type (Res/Com/Ind/Mixed): COMMERCIAL/MIXED Bldg Size (S/M/L): LARGE
If Commercial or Industrial Facility, Select Operations: VACANT If Residential Select Structure Type: _____
Number of Floors: 11 Approx. Year Construction: 2020 ☒ Building Insulated? ☐ Attached Garage?
Describe Overall Building 'Tightness' and Airflows(e.g., results of smoke tests):

Foundation Description

Foundation Type: BASEMENT Foundation Depth (bgs): 19 Unit: FEET
Foundation Floor Material: POURED CONCRETE Foundation Floor Thickness: _____ Unit: INCHES
Foundation Wall Material: POURED CONCRETE Foundation Wall Thickness: _____
☐ Floor penetrations? Describe Floor Penetrations: _____
☐ Wall penetrations? Describe Wall Penetrations: _____
Basement is: PARTIALLY FINISHED Basement is: DRY ☐ Sumps/Drains? Water In Sump?: N/A
Describe Foundation Condition (cracks, seepage, etc.) : New building; no cracks, no seepage.
☐ Radon Mitigation System Installed? ☐ VOC Mitigation System Installed? ☐ Mitigation System On?

Heating/Cooling/Ventilation Systems

Heating System: OTHER Heat Fuel Type: GAS ☐ Central A/C Present?

Vented Appliances

Water Heater Fuel Type: GAS Clothes Dryer Fuel Type: GAS
Water Htr Vent Location: OUTSIDE Dryer Vent Location: OUTSIDE



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

PRODUCT INVENTORY

Building Name: _____ Bldg Code: _____ Date: Jan 11, 2022

Bldg Address: 707 Concourse Village West Apt/Suite No: _____

Bldg City/State/Zip: Bronx NY, 10451

Make and Model of PID: Honeywell MiniRAE 3000 Date of Calibration: Jan 11, 2022

Location	Product Name/Description	Size (oz)	Condition *	Chemical Ingredients	PID Reading	COC Y/N?
Guard Booth	Purell Advanced Hand Sanitize 	8	U	Ethyl alcohol (70%), Isopropyl Alcohol, Caprylyl Glycol, Glycerin, Isopropyl Myristate, Tocopheryl Acetate, Acrylates/C10-30 Alkyl Acrylate 	0.0	☐
Guard Booth	Wish Advanced Hand Sanitizer	8	U	Ethyl alcohol (70%)	0.0	☐
Guard Booth	Hot Shot Flying Insect Killer	15	U	Isobutane, distillates (petroleum) hydrotreated light, propane, solvent naptha (petroleum) light aromatic, permethrin, tetramethrin 	0.0	☐
N Recreation	Wish Ultra Sanitizing Spray	15	U	Ethyl Alcohol (75%), Ethanol, Butane, Propane, Isobutane, Perfume	0.0	☐
N Recreation	Zep Freshen Disinfectant Spray 	15.5	U	Ethanol, 1,1-difluoroethane, butane, propane, biphenyl-2-ol	0.0	☐
N Recreation	Wish Hand Sanitizer	33.8	U	Ethyl alcohol (70%)	0.0	☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐
						☐

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

Product Inventory Complete? ☐ Yes ☐ No Were there any elevated PID readings taken on site? ☐ No ☐ Yes ☐ Products with COC?



Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

Site Name: Concourse Village West - SOUTH Site Code: C203092 Operable Unit: _____

Building Code: _____ Building Name: _____

Address: 707 Concourse Village West Apt/Suite No: _____

City: Bronx State: NY Zip: 10451 County: Bronx

Factors Affecting Indoor Air Quality

Frequency Basement/Lowest Level is Occupied?: FULL TIME Floor Material: CEMENT

☐ Inhabited? ☒ HVAC System On? ☐ Bathroom Exhaust Fan? ☐ Kitchen Exhaust Fan?

Alternate Heat Source: NONE ☐ Is there smoking in the building?

☐ Air Fresheners? Description/Location of Air Freshener: _____

☒ Cleaning Products Used Recently?: Description of Cleaning Products: Sanitizing sprays

☐ Cosmetic Products Used Recently?: Description of Cosmetic Products: _____

☐ New Carpet or Furniture? Location of New Carpet/Furniture: _____

☐ Recent Dry Cleaning? Location of Recently Dry Cleaned Fabrics: _____

☐ Recent Painting/Staining? Location of New Painting: _____

☐ Solvent or Chemical Odors? Describe Odors (if any): _____

☐ Do Any Occupants Use Solvents At Work? If So, List Solvents Used: _____

☐ Recent Pesticide/Rodenticide? Description of Last Use: _____

Describe Any Household Activities (chemical use,/storage, unvented appliances, hobbies, etc.) That May Affect Indoor Air Quality:

Part of cellar is used as commercial parking lot.

☐ Any Prior Testing For Radon? If So, When?: _____

☐ Any Prior Testing For VOCs? If So, When?: _____

Sampling Conditions

Weather Conditions: SUNNY Outdoor Temperature: 27 °F

Current Building Use: VACANT Barometric Pressure: 30.46 in(hg)

Product Inventory Complete? ☐ Yes ☒ Building Questionnaire Completed?



Structure Sampling Questionnaire and Building Inventory
New York State Department of Environmental Conservation

Building Code: _____ Address: 707 Concourse Village West Bronx, NY 10451

Sampling Information

Sampler Name(s): Michael Bohuski Sampler Company Code: _____
Sample Collection Date: Jan 11, 2022 Date Samples Sent To Lab: Jan 14, 2022
Sample Chain of Custody Number: _____ Outdoor Air Sample Location ID: OA-1

SUMMA Canister Information

Sample ID:	IA-1	IA-2	OA-1		
Location Code:	IA-1	IA-2	OA-1		
Location Type:	BASEMENT	FIRST FLOOR	OUTDOOR		
Canister ID:	36413	20947	37013		
Regulator ID:	7084	7080	Y-19		
Matrix:	Indoor Air	Indoor Air	Ambient Outd		
Sampling Method:	SUMMA AIR SAMPLI	SUMMA AIR SA	SUMMA AIR SA		

Sampling Area Info

Slab Thickness (inches):					
Sub-Slab Material:					
Sub-Slab Moisture:					
Seal Type:					
Seal Adequate?:	☐	☐	☐	☐	☐

Sample Times and Vacuum Readings

Sample Start Date/Time:	01/11/2022 8:20	01/11/2022	01/11/2022		
Vacuum Gauge Start:	-30	-28	-30		
Sample End Date/Time:	01/11/2022 16:	01/11/2022	01/11/2022		
Vacuum Gauge End:	-8	-5	-6		
Sample Duration (hrs):	8	8	8		
Vacuum Gauge Unit:	in (hg)	in (hg)	in (hg)		

Sample QA/QC Readings

Vapor Port Purge:	☐	☐	☐	☐	☐
Purge PID Reading:					
Purge PID Unit:					
Tracer Test Pass:	☐	☐	☐	☐	☐

Sample start and end times should be entered using the following format: MM/DD/YYYY HH:MM



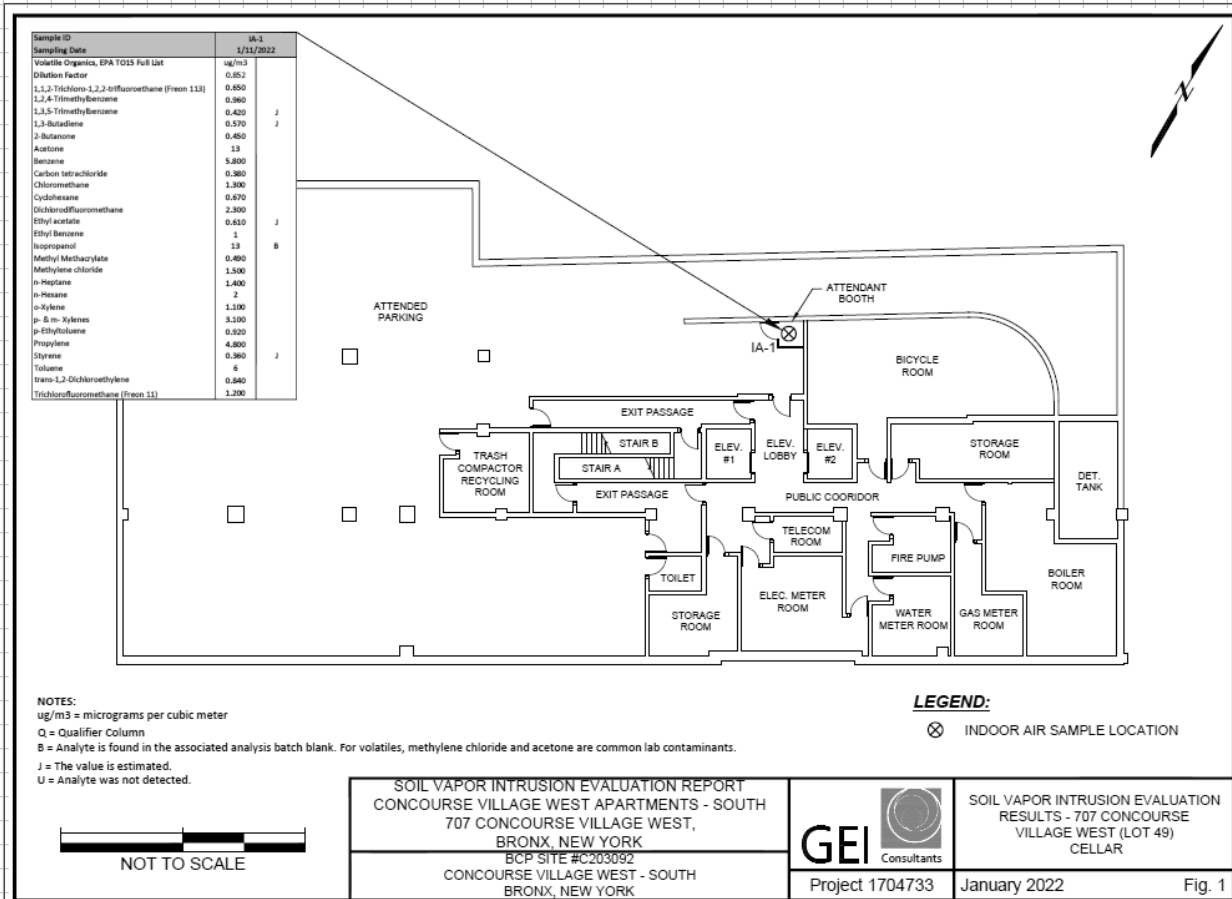
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

LOWEST BUILDING LEVEL LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the lowest building level .
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
 - Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
 - Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
 - Identify the locations of the following features on the layout sketch, using the appropriate symbols:
- | | | | |
|---------------|-------------------|----------|--|
| B or F | Boiler or Furnace | ○ | Other floor or wall penetrations (label appropriately) |
| HW | Hot Water Heater | xxxxxxx | Perimeter Drains (draw inside or outside outer walls as appropriate) |
| FP | Fireplaces | ##### | Areas of broken-up concrete |
| WS | Wood Stoves | ● SS-1 | Location & label of sub-slab samples |
| W/D | Washer / Dryer | ● IA-1 | Location & label of indoor air samples |
| S | Sumps | ● OA-1 | Location & label of outdoor air samples |
| @ | Floor Drains | ● PFET-1 | Location and label of any pressure field test holes. |



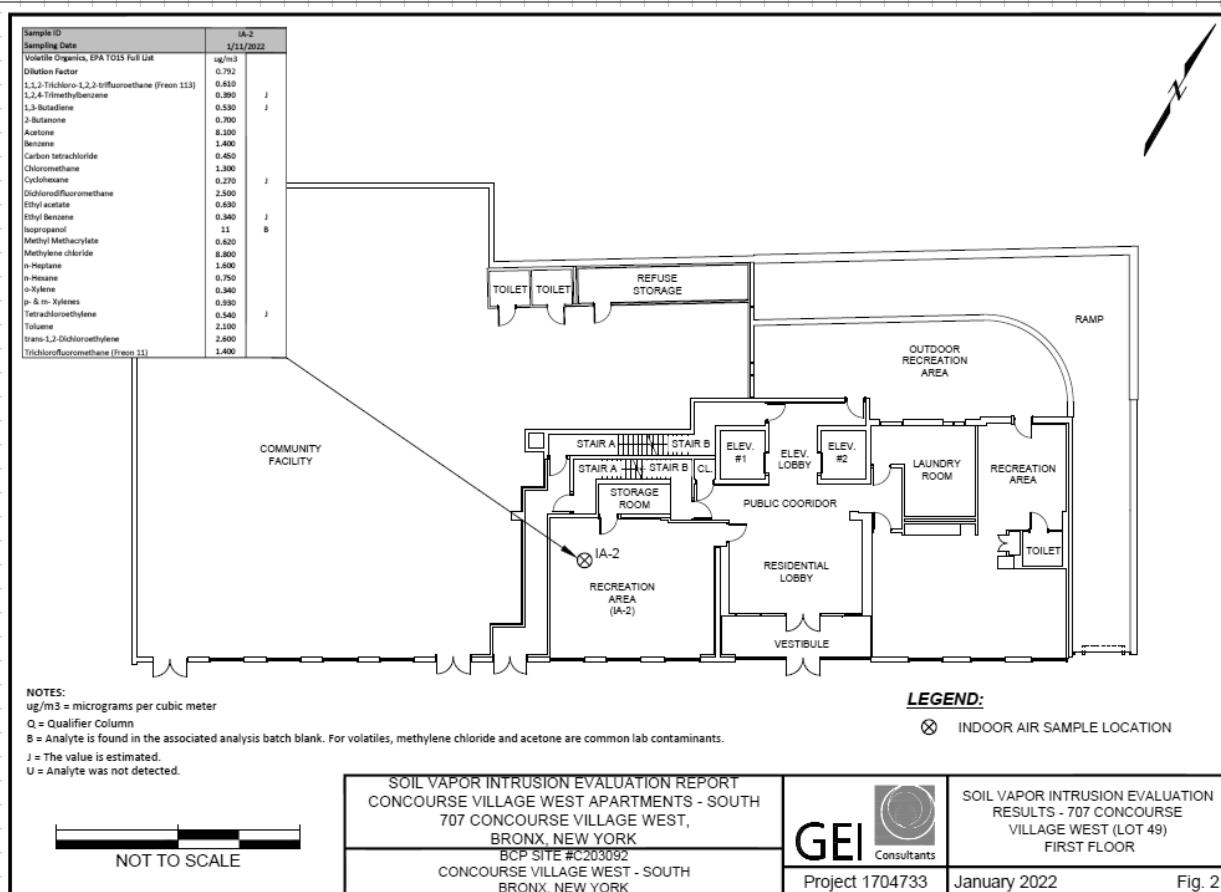
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

FIRST FLOOR BUILDING LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the first floor of the building.
The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



Design Sketch

Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:
 - B or F** Boiler or Furnace
 - HW** Hot Water Heater
 - FP** Fireplaces
 - WS** Wood Stoves
 - W/D** Washer / Dryer
 - S** Sumps
 - @** Floor Drains
 - o** Other floor or wall penetrations (label appropriately)
 - xxxxxxx** Perimeter Drains (draw inside or outside outer walls as appropriate)
 - #####** Areas of broken-up concrete
 - SS-1** Location & label of sub-slab samples
 - IA-1** Location & label of indoor air samples
 - OA-1** Location & label of outdoor air samples
 - PFET-1** Location and label of any pressure field test holes.



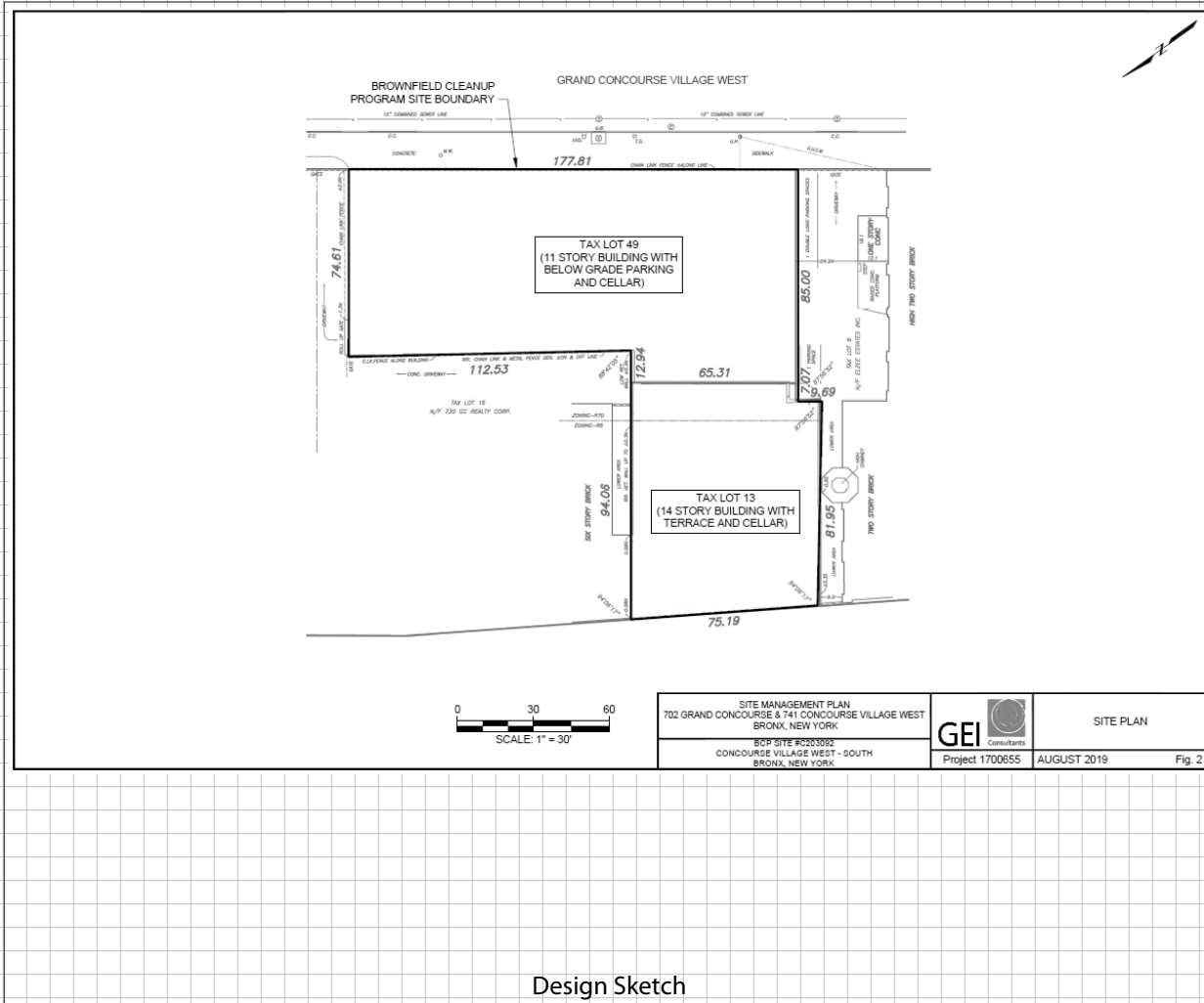
Structure Sampling Questionnaire and Building Inventory

New York State Department of Environmental Conservation

OUTDOOR PLOT LAYOUT SKETCH

Please click the box with the blue border below to upload a sketch of the outdoor plot of the building as well as the surrounding area. The sketch should be in a standard image format (.jpg, .png, .tiff)

Clear Image



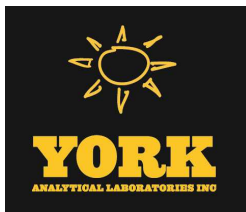
Design Sketch Guidelines and Recommended Symbolology

- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or F	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	#####	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Appendix C

Laboratory Data Reports



Technical Report

prepared for:

GEI Consultants, Inc
1000 New York Avenue
Huntington Station NY, 11746
Attention: Michael Bohuski

Report Date: 01/21/2022

Client Project ID: 1704733-8.3 Concourse Village West-SOUTH SITE

York Project (SDG) No.: 22A0584

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/21/2022
Client Project ID: 1704733-8.3 Concourse Village West-SOUTH SITE
York Project (SDG) No.: 22A0584

GEI Consultants, Inc
1000 New York Avenue
Huntington Station NY, 11746
Attention: Michael Bohuski

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 14, 2022 and listed below. The project was identified as your project: **1704733-8.3 Concourse Village West-SOUTH SITE**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22A0584-01	IA-1	Indoor Ambient Air	01/11/2022	01/14/2022
22A0584-02	IA-2	Indoor Ambient Air	01/11/2022	01/14/2022
22A0584-03	IA-3	Indoor Ambient Air	01/11/2022	01/14/2022
22A0584-04	IA-4	Indoor Ambient Air	01/11/2022	01/14/2022
22A0584-05	OA-1	Outdoor Ambient Ai	01/11/2022	01/14/2022

General Notes for York Project (SDG) No.: 22A0584

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 01/21/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: IA-1

York Sample ID: 22A0584-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:20 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.58	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.46	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.58	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.65		ug/m ³	0.65	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.46	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.34	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.084	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.63	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.96		ug/m ³	0.42	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.65	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.51	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.34	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.39	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.60	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.42	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.57	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.51	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.39	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.51	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.61	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
78-93-3	2-Butanone	0.45		ug/m ³	0.25	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.70	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 22A0584-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:20 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.35	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
67-64-1	Acetone	13		ug/m ³	0.40	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
71-43-2	Benzene	5.8		ug/m ³	0.27	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.44	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.57	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.88	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.33	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.27	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
56-23-5	Carbon tetrachloride	0.38		ug/m ³	0.13	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.39	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.42	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
74-87-3	Chloromethane	1.3		ug/m ³	0.18	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.084	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.39	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
110-82-7	Cyclohexane	0.67		ug/m ³	0.29	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.73	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-71-8	Dichlorodifluoromethane	2.3		ug/m ³	0.42	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	0.61	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
100-41-4	Ethyl Benzene	1.0		ug/m ³	0.37	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.91	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 22A0584-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:20 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	13	B	ug/m ³	0.52	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
80-62-6	Methyl Methacrylate	0.49		ug/m ³	0.35	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.31	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-09-2	Methylene chloride	1.5		ug/m ³	0.59	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
142-82-5	n-Heptane	1.4		ug/m ³	0.35	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
110-54-3	n-Hexane	2.0		ug/m ³	0.30	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
95-47-6	o-Xylene	1.1		ug/m ³	0.37	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
179601-23-1	p- & m- Xylenes	3.1		ug/m ³	0.74	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
622-96-8	* p-Ethyltoluene	0.92		ug/m ³	0.42	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ
115-07-1	* Propylene	4.8		ug/m ³	0.15	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ
100-42-5	Styrene	ND		ug/m ³	0.36	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.58	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.50	0.852	EPA TO-15 Certifications:	01/18/2022 01:00	01/19/2022 02:00	LLJ
108-88-3	Toluene	6.0		ug/m ³	0.32	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
156-60-5	trans-1,2-Dichloroethylene	0.84		ug/m ³	0.34	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.39	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.48	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.30	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.37	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.852	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/18/2022 01:00	01/19/2022 02:00	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0584-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:25 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.54	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.43	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.54	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.61		ug/m ³	0.61	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.43	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.32	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.079	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.59	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.39	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.61	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.48	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.32	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.37	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.55	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.39	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.53	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.48	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.37	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.48	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.57	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
78-93-3	2-Butanone	0.70		ug/m ³	0.23	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.65	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0584-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:25 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.32	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
67-64-1	Acetone	8.1		ug/m ³	0.38	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.17	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
71-43-2	Benzene	1.4		ug/m ³	0.25	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.41	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.53	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.82	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
56-23-5	Carbon tetrachloride	0.45		ug/m ³	0.12	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.36	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.39	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
74-87-3	Chloromethane	1.3		ug/m ³	0.16	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.079	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	0.27	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.67	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.39	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
141-78-6	* Ethyl acetate	0.63		ug/m ³	0.57	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	0.34	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.84	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
67-63-0	Isopropanol	11	B	ug/m ³	0.49	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0584-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:25 am

01/14/2022

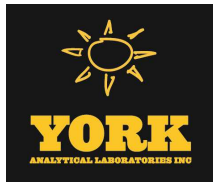
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	0.62		ug/m ³	0.32	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-09-2	Methylene chloride	8.8		ug/m ³	0.55	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
142-82-5	n-Heptane	1.6		ug/m ³	0.32	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
110-54-3	n-Hexane	0.75		ug/m ³	0.28	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
95-47-6	o-Xylene	0.34		ug/m ³	0.34	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
179601-23-1	p- & m- Xylenes	0.93		ug/m ³	0.69	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.39	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.14	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
100-42-5	Styrene	ND		ug/m ³	0.34	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.54	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.47	0.792	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 12:49	LLJ
108-88-3	Toluene	2.1		ug/m ³	0.30	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	2.6		ug/m ³	0.31	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.45	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.28	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.35	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.792	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 12:49	LLJ



Sample Information

Client Sample ID: IA-3

York Sample ID: 22A0584-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:36 am

01/14/2022

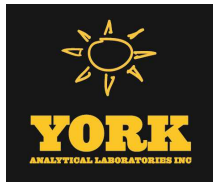
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.55	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.43	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.55	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.67		ug/m ³	0.61	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.43	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.32	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.079	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.59	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.67		ug/m ³	0.39	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.61	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.48	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.32	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.37	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.56	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.39	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.53	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.48	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.37	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.48	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.57	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
78-93-3	2-Butanone	0.49		ug/m ³	0.23	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.65	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.2	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ



Sample Information

Client Sample ID: IA-3

York Sample ID: 22A0584-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:36 am

01/14/2022

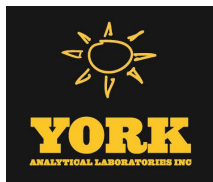
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.33	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
67-64-1	Acetone	4.9		ug/m ³	0.38	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.17	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
71-43-2	Benzene	1.2		ug/m ³	0.25	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.41	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.53	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.82	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
56-23-5	Carbon tetrachloride	0.50		ug/m ³	0.13	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.37	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.39	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
74-87-3	Chloromethane	1.4		ug/m ³	0.16	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.079	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	0.27	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.68	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-71-8	Dichlorodifluoromethane	2.4		ug/m ³	0.39	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
141-78-6	* Ethyl acetate	0.57		ug/m ³	0.57	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	0.35	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.85	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
67-63-0	Isopropanol	1.9	B	ug/m ³	0.49	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ



Sample Information

Client Sample ID: IA-3

York Sample ID: 22A0584-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:36 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.33	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-09-2	Methylene chloride	2.7		ug/m ³	0.55	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
142-82-5	n-Heptane	0.33		ug/m ³	0.33	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
110-54-3	n-Hexane	0.31		ug/m ³	0.28	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
95-47-6	o-Xylene	ND		ug/m ³	0.35	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.69	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
622-96-8	* p-Ethyltoluene	0.51		ug/m ³	0.39	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.14	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
100-42-5	Styrene	ND		ug/m ³	0.34	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.54	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.47	0.796	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 13:59	LLJ
108-88-3	Toluene	0.69		ug/m ³	0.30	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.32	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.36	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.45	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.28	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.35	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.796	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 13:59	LLJ



Sample Information

Client Sample ID: IA-4

York Sample ID: 22A0584-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:38 am

01/14/2022

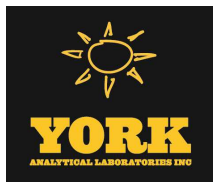
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.76	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.60	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.76	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	0.84	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.60	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.45	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.11	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.82	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
95-63-6	1,2,4-Trimethylbenzene	0.65		ug/m ³	0.54	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.85	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.66	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.45	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.51	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.77	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.54	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.73	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.66	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.51	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.66	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.79	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
78-93-3	2-Butanone	1.1		ug/m ³	0.32	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.90	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.7	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ



Sample Information

Client Sample ID: IA-4

York Sample ID: 22A0584-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:38 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.45	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
67-64-1	Acetone	9.0		ug/m ³	0.52	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.24	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
71-43-2	Benzene	1.4		ug/m ³	0.35	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.57	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.74	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.1	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.43	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.34	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
56-23-5	Carbon tetrachloride	0.48		ug/m ³	0.17	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.51	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.29	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
67-66-3	Chloroform	0.64		ug/m ³	0.54	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
74-87-3	Chloromethane	1.6		ug/m ³	0.23	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.11	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.50	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	0.38	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.94	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.54	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
141-78-6	* Ethyl acetate	5.3		ug/m ³	0.79	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	0.48	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.2	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
67-63-0	Isopropanol	24	B	ug/m ³	0.68	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ



Sample Information

Client Sample ID: IA-4

York Sample ID: 22A0584-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Indoor Ambient Air

January 11, 2022 8:38 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	0.45		ug/m ³	0.45	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.40	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-09-2	Methylene chloride	2.8		ug/m ³	0.76	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
142-82-5	n-Heptane	ND		ug/m ³	0.45	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
110-54-3	n-Hexane	0.47		ug/m ³	0.39	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
95-47-6	o-Xylene	ND		ug/m ³	0.48	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
179601-23-1	p- & m- Xylenes	1.1		ug/m ³	0.96	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
622-96-8	* p-Ethyltoluene	0.59		ug/m ³	0.54	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.19	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
100-42-5	Styrene	ND		ug/m ³	0.47	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.75	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.65	1.1	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 15:09	LLJ
108-88-3	Toluene	1.1		ug/m ³	0.41	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.44	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.50	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.15	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.62	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.39	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.48	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.14	1.1	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 15:09	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0584-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Outdoor Ambient Air

January 11, 2022 8:42 am

01/14/2022

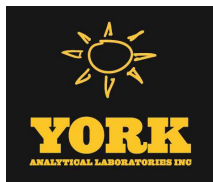
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	0.56	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.44	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.56	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.68		ug/m ³	0.62	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.44	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.33	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.080	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.60	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.40	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.62	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.49	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.33	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.37	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.57	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.40	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.54	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.49	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.37	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.49	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.58	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
78-93-3	2-Butanone	0.31		ug/m ³	0.24	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.66	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0584-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Outdoor Ambient Air

January 11, 2022 8:42 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.33	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
67-64-1	Acetone	2.9		ug/m ³	0.38	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
71-43-2	Benzene	1.2		ug/m ³	0.26	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.42	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.54	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.84	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.31	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.25	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
56-23-5	Carbon tetrachloride	0.51		ug/m ³	0.13	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.37	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.21	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.40	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
74-87-3	Chloromethane	1.6		ug/m ³	0.17	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.080	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
110-82-7	Cyclohexane	ND		ug/m ³	0.28	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.69	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.40	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	0.58	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
100-41-4	Ethyl Benzene	ND		ug/m ³	0.35	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.86	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
67-63-0	Isopropanol	1.8	B	ug/m ³	0.50	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0584-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0584

1704733-8.3 Concourse Village West-SOUTH SITE

Outdoor Ambient Air

January 11, 2022 8:42 am

01/14/2022

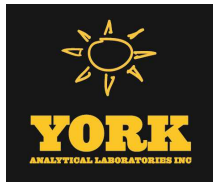
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.33	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.29	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-09-2	Methylene chloride	0.98		ug/m ³	0.56	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
142-82-5	n-Heptane	ND		ug/m ³	0.33	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
110-54-3	n-Hexane	0.31		ug/m ³	0.29	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
95-47-6	o-Xylene	ND		ug/m ³	0.35	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/m ³	0.70	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.40	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.14	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
100-42-5	Styrene	ND		ug/m ³	0.35	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.55	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.48	0.81	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 16:19	LLJ
108-88-3	Toluene	0.70		ug/m ³	0.31	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.32	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.37	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.11	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.46	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.29	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.35	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.10	0.81	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 16:19	LLJ



Analytical Batch Summary

Batch ID: BA22007 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
22A0584-01	IA-1	01/18/22
BA22007-BLK1	Blank	01/18/22
BA22007-BS1	LCS	01/18/22
BA22007-DUP1	Duplicate	01/18/22

Batch ID: BA22080 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
22A0584-02	IA-2	01/19/22
22A0584-03	IA-3	01/19/22
22A0584-04	IA-4	01/19/22
22A0584-05	OA-1	01/19/22
BA22080-BLK1	Blank	01/19/22
BA22080-BS1	LCS	01/19/22



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22007 - EPA TO15 PREP

Blank (BA22007-BLK1)

Prepared & Analyzed: 01/18/2022

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³
1,1,1-Trichloroethane	ND	0.55	"
1,1,2,2-Tetrachloroethane	ND	0.69	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"
1,1,2-Trichloroethane	ND	0.55	"
1,1-Dichloroethane	ND	0.40	"
1,1-Dichloroethylene	ND	0.099	"
1,2,4-Trichlorobenzene	ND	0.74	"
1,2,4-Trimethylbenzene	ND	0.49	"
1,2-Dibromoethane	ND	0.77	"
1,2-Dichlorobenzene	ND	0.60	"
1,2-Dichloroethane	ND	0.40	"
1,2-Dichloropropane	ND	0.46	"
1,2-Dichlorotetrafluoroethane	ND	0.70	"
1,3,5-Trimethylbenzene	ND	0.49	"
1,3-Butadiene	ND	0.66	"
1,3-Dichlorobenzene	ND	0.60	"
1,3-Dichloropropane	ND	0.46	"
1,4-Dichlorobenzene	ND	0.60	"
1,4-Dioxane	ND	0.72	"
2-Butanone	ND	0.29	"
2-Hexanone	ND	0.82	"
3-Chloropropene	ND	1.6	"
4-Methyl-2-pentanone	ND	0.41	"
Acetone	ND	0.48	"
Acrylonitrile	ND	0.22	"
Benzene	ND	0.32	"
Benzyl chloride	ND	0.52	"
Bromodichloromethane	ND	0.67	"
Bromoform	ND	1.0	"
Bromomethane	ND	0.39	"
Carbon disulfide	ND	0.31	"
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	0.57	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22007 - EPA TO15 PREP

Blank (BA22007-BLK1)

Prepared & Analyzed: 01/18/2022

n-Heptane	ND	0.41	ug/m ³
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"

LCS (BA22007-BS1)

Prepared & Analyzed: 01/18/2022

1,1,1,2-Tetrachloroethane	10.3		ppbv	10.0	103	70-130
1,1,1-Trichloroethane	10.6		"	10.0	106	70-130
1,1,2,2-Tetrachloroethane	9.85		"	10.0	98.5	70-130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0	105	70-130
1,1,2-Trichloroethane	10.2		"	10.0	102	70-130
1,1-Dichloroethane	9.98		"	10.0	99.8	70-130
1,1-Dichloroethylene	9.72		"	10.0	97.2	70-130
1,2,4-Trichlorobenzene	9.89		"	10.0	98.9	70-130
1,2,4-Trimethylbenzene	9.23		"	10.0	92.3	70-130
1,2-Dibromoethane	10.4		"	10.0	104	70-130
1,2-Dichlorobenzene	8.66		"	10.0	86.6	70-130
1,2-Dichloroethane	9.63		"	10.0	96.3	70-130
1,2-Dichloropropane	9.70		"	10.0	97.0	70-130
1,2-Dichlorotetrafluoroethane	11.0		"	10.0	110	70-130
1,3,5-Trimethylbenzene	9.11		"	10.0	91.1	70-130
1,3-Butadiene	10.4		"	10.0	104	70-130
1,3-Dichlorobenzene	9.04		"	10.0	90.4	70-130
1,3-Dichloropropane	10.2		"	10.0	102	70-130
1,4-Dichlorobenzene	9.10		"	10.0	91.0	70-130
1,4-Dioxane	10.0		"	10.0	100	70-130
2-Butanone	10.3		"	10.0	103	70-130
2-Hexanone	8.55		"	10.0	85.5	70-130
3-Chloropropene	10.8		"	10.0	108	70-130
4-Methyl-2-pentanone	8.99		"	10.0	89.9	70-130
Acetone	10.7		"	10.0	107	70-130
Acrylonitrile	8.41		"	10.0	84.1	70-130
Benzene	9.71		"	10.0	97.1	70-130
Benzyl chloride	11.0		"	10.0	110	70-130
Bromodichloromethane	10.7		"	10.0	107	70-130
Bromoform	10.6		"	10.0	106	70-130
Bromomethane	10.3		"	10.0	103	70-130
Carbon disulfide	10.1		"	10.0	101	70-130



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22007 - EPA TO15 PREP

LCS (BA22007-BS1)

Prepared & Analyzed: 01/18/2022

Carbon tetrachloride	10.8		ppbv	10.0		108	70-130				
Chlorobenzene	8.55		"	10.0		85.5	70-130				
Chloroethane	10.7		"	10.0		107	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	11.4		"	10.0		114	70-130				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	10.7		"	10.0		107	70-130				
Dibromochloromethane	10.1		"	10.0		101	70-130				
Dichlorodifluoromethane	10.6		"	10.0		106	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	8.94		"	10.0		89.4	70-130				
Hexachlorobutadiene	10.6		"	10.0		106	70-130				
Isopropanol	10.5		"	10.0		105	70-130				
Methyl Methacrylate	10.6		"	10.0		106	70-130				
Methyl tert-butyl ether (MTBE)	9.07		"	10.0		90.7	70-130				
Methylene chloride	9.65		"	10.0		96.5	70-130				
n-Heptane	10.6		"	10.0		106	70-130				
n-Hexane	10.8		"	10.0		108	70-130				
o-Xylene	8.87		"	10.0		88.7	70-130				
p- & m- Xylenes	17.8		"	20.0		89.0	70-130				
p-Ethyltoluene	9.76		"	10.0		97.6	70-130				
Propylene	10.5		"	10.0		105	70-130				
Styrene	9.02		"	10.0		90.2	70-130				
Tetrachloroethylene	9.96		"	10.0		99.6	70-130				
Tetrahydrofuran	10.3		"	10.0		103	70-130				
Toluene	8.98		"	10.0		89.8	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	11.0		"	10.0		110	70-130				
Trichloroethylene	9.04		"	10.0		90.4	70-130				
Trichlorofluoromethane (Freon 11)	10.6		"	10.0		106	70-130				
Vinyl acetate	9.98		"	10.0		99.8	70-130				
Vinyl bromide	10.7		"	10.0		107	70-130				
Vinyl Chloride	11.2		"	10.0		112	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA22007 - EPA TO15 PREP											
Duplicate (BA22007-DUP1)	*Source sample: 22A0573-04 (Duplicate)						Prepared: 01/18/2022 Analyzed: 01/19/2022				
1,1,1,2-Tetrachloroethane	ND	0.59	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.47	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.59	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.66	0.66	"		ND					25	
1,1,2-Trichloroethane	ND	0.47	"		ND					25	
1,1-Dichloroethane	ND	0.35	"		ND					25	
1,1-Dichloroethylene	ND	0.085	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.64	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.42	"		ND					25	
1,2-Dibromoethane	ND	0.66	"		ND					25	
1,2-Dichlorobenzene	ND	0.52	"		ND					25	
1,2-Dichloroethane	ND	0.35	"		ND					25	
1,2-Dichloropropane	ND	0.40	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.60	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.42	"		ND					25	
1,3-Butadiene	ND	0.57	"		0.13					25	
1,3-Dichlorobenzene	ND	0.52	"		ND					25	
1,3-Dichloropropane	ND	0.40	"		ND					25	
1,4-Dichlorobenzene	ND	0.52	"		ND					25	
1,4-Dioxane	ND	0.62	"		ND					25	
2-Butanone	4.4	0.25	"		4.4				0.00	25	
2-Hexanone	0.28	0.70	"		ND					25	
3-Chloropropene	ND	1.3	"		ND					25	
4-Methyl-2-pentanone	3.7	0.35	"		3.6				3.85	25	
Acetone	15	0.41	"		16				7.34	25	
Acrylonitrile	ND	0.19	"		ND					25	
Benzene	1.2	0.27	"		1.2				2.35	25	
Benzyl chloride	ND	0.44	"		ND					25	
Bromodichloromethane	ND	0.58	"		ND					25	
Bromoform	ND	0.89	"		ND					25	
Bromomethane	ND	0.33	"		ND					25	
Carbon disulfide	0.48	0.27	"		0.43				11.8	25	
Carbon tetrachloride	0.43	0.14	"		0.43				0.00	25	
Chlorobenzene	ND	0.40	"		ND					25	
Chloroethane	ND	0.23	"		ND					25	
Chloroform	ND	0.42	"		ND					25	
Chloromethane	1.4	0.18	"		1.4				2.50	25	
cis-1,2-Dichloroethylene	ND	0.085	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Cyclohexane	0.30	0.30	"		0.33				9.52	25	
Dibromochloromethane	ND	0.73	"		ND					25	
Dichlorodifluoromethane	2.3	0.42	"		2.5				7.02	25	
Ethyl acetate	0.80	0.62	"		0.84				3.77	25	
Ethyl Benzene	0.45	0.37	"		0.48				8.00	25	
Hexachlorobutadiene	ND	0.92	"		ND					25	
Isopropanol	4.4	0.42	"		4.4				0.480	25	
Methyl Methacrylate	0.98	0.35	"		1.0				3.51	25	
Methyl tert-butyl ether (MTBE)	ND	0.31	"		ND					25	
Methylene chloride	3.2	0.60	"		3.3				1.83	25	
n-Heptane	4.7	0.35	"		4.5				3.80	25	



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22007 - EPA TO15 PREP

Duplicate (BA22007-DUP1)		*Source sample: 22A0573-04 (Duplicate)				Prepared: 01/18/2022 Analyzed: 01/19/2022					
n-Hexane	2.6	0.30	ug/m ³		2.8				6.67	25	
o-Xylene	0.60	0.37	"		0.60				0.00	25	
p- & m- Xylenes	1.6	0.75	"		1.6				0.00	25	
p-Ethyltoluene	ND	0.42	"		ND					25	
Propylene	ND	0.15	"		ND					25	
Styrene	0.99	0.37	"		0.99				0.00	25	
Tetrachloroethylene	0.29	0.58	"		0.35				18.2	25	
Tetrahydrofuran	1.2	0.51	"		1.1				2.20	25	
Toluene	3.0	0.32	"		3.1				2.13	25	
trans-1,2-Dichloroethylene	0.48	0.34	"		0.72				40.0	25	Non-dir.
trans-1,3-Dichloropropylene	ND	0.39	"		ND					25	
Trichloroethylene	0.55	0.12	"		0.51				8.70	25	
Trichlorofluoromethane (Freon 11)	1.4	0.48	"		1.4				3.51	25	
Vinyl acetate	ND	0.30	"		ND					25	
Vinyl bromide	ND	0.38	"		ND					25	
Vinyl Chloride	ND	0.11	"		ND					25	

Batch BA22080 - EPA TO15 PREP

Blank (BA22080-BLK1)		Prepared & Analyzed: 01/19/2022									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22080 - EPA TO15 PREP

Blank (BA22080-BLK1)

Prepared & Analyzed: 01/19/2022

Carbon disulfide	ND	0.31	ug/m ³
Carbon tetrachloride	ND	0.16	"
Chlorobenzene	ND	0.46	"
Chloroethane	ND	0.26	"
Chloroform	ND	0.49	"
Chloromethane	ND	0.21	"
cis-1,2-Dichloroethylene	ND	0.099	"
cis-1,3-Dichloropropylene	ND	0.45	"
Cyclohexane	ND	0.34	"
Dibromochloromethane	ND	0.85	"
Dichlorodifluoromethane	ND	0.49	"
Ethyl acetate	ND	0.72	"
Ethyl Benzene	ND	0.43	"
Hexachlorobutadiene	ND	1.1	"
Isopropanol	0.54	0.49	"
Methyl Methacrylate	ND	0.41	"
Methyl tert-butyl ether (MTBE)	ND	0.36	"
Methylene chloride	ND	0.69	"
n-Heptane	ND	0.41	"
n-Hexane	ND	0.35	"
o-Xylene	ND	0.43	"
p- & m- Xylenes	ND	0.87	"
p-Ethyltoluene	ND	0.49	"
Propylene	ND	0.17	"
Styrene	ND	0.43	"
Tetrachloroethylene	ND	0.68	"
Tetrahydrofuran	ND	0.59	"
Toluene	ND	0.38	"
trans-1,2-Dichloroethylene	ND	0.40	"
trans-1,3-Dichloropropylene	ND	0.45	"
Trichloroethylene	ND	0.13	"
Trichlorofluoromethane (Freon 11)	ND	0.56	"
Vinyl acetate	ND	0.35	"
Vinyl bromide	ND	0.44	"
Vinyl Chloride	ND	0.13	"



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA22080 - EPA TO15 PREP											
LCS (BA22080-BS1)						Prepared & Analyzed: 01/19/2022					
1,1,1,2-Tetrachloroethane	10.4		ppbv	10.0		104	70-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	9.98		"	10.0		99.8	70-130				
1,1-Dichloroethylene	9.61		"	10.0		96.1	70-130				
1,2,4-Trichlorobenzene	9.48		"	10.0		94.8	70-130				
1,2,4-Trimethylbenzene	9.19		"	10.0		91.9	70-130				
1,2-Dibromoethane	10.5		"	10.0		105	70-130				
1,2-Dichlorobenzene	8.64		"	10.0		86.4	70-130				
1,2-Dichloroethane	9.35		"	10.0		93.5	70-130				
1,2-Dichloropropane	9.98		"	10.0		99.8	70-130				
1,2-Dichlorotetrafluoroethane	10.5		"	10.0		105	70-130				
1,3,5-Trimethylbenzene	9.25		"	10.0		92.5	70-130				
1,3-Butadiene	10.3		"	10.0		103	70-130				
1,3-Dichlorobenzene	9.05		"	10.0		90.5	70-130				
1,3-Dichloropropane	10.4		"	10.0		104	70-130				
1,4-Dichlorobenzene	9.16		"	10.0		91.6	70-130				
1,4-Dioxane	10.3		"	10.0		103	70-130				
2-Butanone	10.3		"	10.0		103	70-130				
2-Hexanone	8.52		"	10.0		85.2	70-130				
3-Chloropropene	10.8		"	10.0		108	70-130				
4-Methyl-2-pentanone	9.06		"	10.0		90.6	70-130				
Acetone	10.3		"	10.0		103	70-130				
Acrylonitrile	8.63		"	10.0		86.3	70-130				
Benzene	10.0		"	10.0		100	70-130				
Benzyl chloride	10.9		"	10.0		109	70-130				
Bromodichloromethane	10.4		"	10.0		104	70-130				
Bromoform	10.7		"	10.0		107	70-130				
Bromomethane	10.4		"	10.0		104	70-130				
Carbon disulfide	10.3		"	10.0		103	70-130				
Carbon tetrachloride	10.4		"	10.0		104	70-130				
Chlorobenzene	8.83		"	10.0		88.3	70-130				
Chloroethane	10.9		"	10.0		109	70-130				
Chloroform	10.1		"	10.0		101	70-130				
Chloromethane	11.7		"	10.0		117	70-130				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	70-130				
cis-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Cyclohexane	11.0		"	10.0		110	70-130				
Dibromochloromethane	10.0		"	10.0		100	70-130				
Dichlorodifluoromethane	10.1		"	10.0		101	70-130				
Ethyl acetate	10.1		"	10.0		101	70-130				
Ethyl Benzene	9.14		"	10.0		91.4	70-130				
Hexachlorobutadiene	10.0		"	10.0		100	70-130				
Isopropanol	10.4		"	10.0		104	70-130				
Methyl Methacrylate	10.8		"	10.0		108	70-130				
Methyl tert-butyl ether (MTBE)	9.25		"	10.0		92.5	70-130				
Methylene chloride	9.58		"	10.0		95.8	70-130				
n-Heptane	10.7		"	10.0		107	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BA22080 - EPA TO15 PREP

LCS (BA22080-BS1)

Prepared & Analyzed: 01/19/2022

n-Hexane	11.1		ppbv	10.0		111	70-130				
o-Xylene	8.95		"	10.0		89.5	70-130				
p- & m- Xylenes	18.0		"	20.0		90.2	70-130				
p-Ethyltoluene	9.64		"	10.0		96.4	70-130				
Propylene	10.3		"	10.0		103	70-130				
Styrene	9.29		"	10.0		92.9	70-130				
Tetrachloroethylene	10.1		"	10.0		101	70-130				
Tetrahydrofuran	10.6		"	10.0		106	70-130				
Toluene	9.18		"	10.0		91.8	70-130				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	70-130				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Trichloroethylene	9.23		"	10.0		92.3	70-130				
Trichlorofluoromethane (Freon 11)	10.2		"	10.0		102	70-130				
Vinyl acetate	9.80		"	10.0		98.0	70-130				
Vinyl bromide	10.8		"	10.0		108	70-130				
Vinyl Chloride	10.7		"	10.0		107	70-130				





Sample and Data Qualifiers Relating to This Work Order

QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

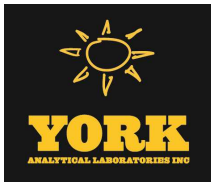
If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.



For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Appendix D

Groundwater Sampling Logs

Appendix E

Groundwater Laboratory Data Reports



ANALYTICAL REPORT

PREPARED FOR

Attn: Michael Bohuski
GEI Consultants, Inc.
1000 New York Avenue
Huntington Station NY 11746

Generated 11/21/2022 9:50 AM Revision 1

JOB DESCRIPTION

CVW - (Concourse Village West) - South

JOB NUMBER

460-268432-1

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CASE NARRATIVE

Client: GEI Consultants, Inc.

Project: CVW - (Concourse Village West) - South

Report Number: 460-268432-1
Revision #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.

REVISION #1

The following report required a revision: 460-268432. Details are as follows: The ICV for instrument CVOAMS11, analyzed 10/25/2022 15:58, was missing.

RECEIPT

The samples were received on 10/26/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.0 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 TB-102522 (460-268432-1), SIS-MW-1 (460-268432-2), SIS-MW-2 (460-268432-3) and FB-102522 (460-268432-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/30/2022 and 10/31/2022.

The continuing calibration verification (CCV) analyzed in batch 460-875099 was outside the method criteria for the following analyte: Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-875099 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SIS-MW-2 (460-268432-3). These results have been reported and qualified.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-268432-1	TB-102522	Water	10/25/22 00:00	10/26/22 19:00
460-268432-2	SIS-MW-1	Water	10/25/22 11:30	10/26/22 19:00
460-268432-3	SIS-MW-2	Water	10/25/22 14:10	10/26/22 19:00
460-268432-4	FB-102522	Water	10/25/22 13:45	10/26/22 19:00

Detection Summary

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

Client Sample ID: TB-102522

Lab Sample ID: 460-268432-1

No Detections.

Client Sample ID: SIS-MW-1

Lab Sample ID: 460-268432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14		5.0	4.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.26	J	1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	2.8		1.0	0.71	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.40	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.2		1.0	0.25	ug/L	1		8260D	Total/NA
Trichloroethene	0.86	J	1.0	0.31	ug/L	1		8260D	Total/NA

Client Sample ID: SIS-MW-2

Lab Sample ID: 460-268432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	1.6		1.0	0.34	ug/L	1		8260D	Total/NA
Methylene Chloride	0.63	J	1.0	0.32	ug/L	1		8260D	Total/NA

Client Sample ID: FB-102522

Lab Sample ID: 460-268432-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Method Summary

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

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 Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268432-1

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			10/30/22 23:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/30/22 23:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/30/22 23:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/30/22 23:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/30/22 23:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/30/22 23:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/30/22 23:06	1
1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36	ug/L			10/30/22 23:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/30/22 23:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/30/22 23:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/30/22 23:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/30/22 23:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/30/22 23:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/30/22 23:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/30/22 23:06	1
1,4-Dioxane	50	U	50	28	ug/L			10/30/22 23:06	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/30/22 23:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/30/22 23:06	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/30/22 23:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/30/22 23:06	1
Acetone	5.0	U	5.0	4.4	ug/L			10/30/22 23:06	1
Benzene	1.0	U	1.0	0.20	ug/L			10/30/22 23:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/30/22 23:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/30/22 23:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/30/22 23:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/30/22 23:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/30/22 23:06	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/30/22 23:06	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/30/22 23:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/30/22 23:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/30/22 23:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/30/22 23:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/30/22 23:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 23:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/30/22 23:06	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/30/22 23:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/30/22 23:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/30/22 23:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/30/22 23:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/30/22 23:06	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/30/22 23:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/30/22 23:06	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/30/22 23:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/30/22 23:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/30/22 23:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/30/22 23:06	1
Styrene	1.0	U	1.0	0.42	ug/L			10/30/22 23:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/30/22 23:06	1
Toluene	1.0	U	1.0	0.38	ug/L			10/30/22 23:06	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268432-1

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/30/22 23:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 23:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/30/22 23:06	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/30/22 23:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/30/22 23:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/30/22 23:06	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/30/22 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 128		10/30/22 23:06	1
4-Bromofluorobenzene	102		76 - 120		10/30/22 23:06	1
Dibromofluoromethane (Surr)	98		77 - 124		10/30/22 23:06	1
Toluene-d8 (Surr)	92		80 - 120		10/30/22 23:06	1

Client Sample ID: SIS-MW-1

Lab Sample ID: 460-268432-2

Date Collected: 10/25/22 11:30

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			10/31/22 04:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/31/22 04:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/31/22 04:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/31/22 04:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/31/22 04:26	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/31/22 04:26	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/31/22 04:26	1
1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36	ug/L			10/31/22 04:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/31/22 04:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/31/22 04:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/31/22 04:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/31/22 04:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/31/22 04:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/31/22 04:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/31/22 04:26	1
1,4-Dioxane	50	U	50	28	ug/L			10/31/22 04:26	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/31/22 04:26	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/31/22 04:26	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/31/22 04:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/31/22 04:26	1
Acetone	14		5.0	4.4	ug/L			10/31/22 04:26	1
Benzene	1.0	U	1.0	0.20	ug/L			10/31/22 04:26	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/31/22 04:26	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/31/22 04:26	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/31/22 04:26	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/31/22 04:26	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/31/22 04:26	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/31/22 04:26	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: SIS-MW-1

Lab Sample ID: 460-268432-2

Date Collected: 10/25/22 11:30

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/31/22 04:26	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/31/22 04:26	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/31/22 04:26	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/31/22 04:26	1
cis-1,2-Dichloroethene	0.26	J	1.0	0.22	ug/L			10/31/22 04:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 04:26	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/31/22 04:26	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/31/22 04:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/31/22 04:26	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/31/22 04:26	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/31/22 04:26	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/31/22 04:26	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/31/22 04:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/31/22 04:26	1
Methylcyclohexane	2.8		1.0	0.71	ug/L			10/31/22 04:26	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/31/22 04:26	1
m-Xylene & p-Xylene	0.40	J	1.0	0.30	ug/L			10/31/22 04:26	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/31/22 04:26	1
Styrene	1.0	U	1.0	0.42	ug/L			10/31/22 04:26	1
Tetrachloroethene	2.2		1.0	0.25	ug/L			10/31/22 04:26	1
Toluene	1.0	U	1.0	0.38	ug/L			10/31/22 04:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/31/22 04:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 04:26	1
Trichloroethene	0.86	J	1.0	0.31	ug/L			10/31/22 04:26	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/31/22 04:26	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/31/22 04:26	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/31/22 04:26	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.6	J	ug/L		2.07			10/31/22 04:26	1
Pentane, 2,3-dimethyl-	5.3	J N	ug/L		3.18	565-59-3		10/31/22 04:26	1
Unknown	12	J	ug/L		3.46			10/31/22 04:26	1
Pentane, 2,3,4-trimethyl-	6.1	J N	ug/L		4.51	565-75-3		10/31/22 04:26	1
Pentane, 2,3,3-trimethyl-	8.5	J N	ug/L		4.62	560-21-4		10/31/22 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		70 - 128		10/31/22 04:26	1
4-Bromofluorobenzene	98		76 - 120		10/31/22 04:26	1
Dibromofluoromethane (Surr)	88		77 - 124		10/31/22 04:26	1
Toluene-d8 (Surr)	88		80 - 120		10/31/22 04:26	1

Client Sample ID: SIS-MW-2

Lab Sample ID: 460-268432-3

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			10/31/22 04:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/31/22 04:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/31/22 04:49	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: SIS-MW-2

Lab Sample ID: 460-268432-3

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/31/22 04:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/31/22 04:49	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/31/22 04:49	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/31/22 04:49	1
1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36	ug/L			10/31/22 04:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/31/22 04:49	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/31/22 04:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/31/22 04:49	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/31/22 04:49	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/31/22 04:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/31/22 04:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/31/22 04:49	1
1,4-Dioxane	50	U	50	28	ug/L			10/31/22 04:49	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/31/22 04:49	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/31/22 04:49	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/31/22 04:49	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/31/22 04:49	1
Acetone	5.0	U	5.0	4.4	ug/L			10/31/22 04:49	1
Benzene	1.0	U	1.0	0.20	ug/L			10/31/22 04:49	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/31/22 04:49	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/31/22 04:49	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/31/22 04:49	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/31/22 04:49	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/31/22 04:49	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/31/22 04:49	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/31/22 04:49	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/31/22 04:49	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/31/22 04:49	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/31/22 04:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/31/22 04:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 04:49	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/31/22 04:49	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/31/22 04:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/31/22 04:49	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/31/22 04:49	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/31/22 04:49	1
Isopropylbenzene	1.6		1.0	0.34	ug/L			10/31/22 04:49	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/31/22 04:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/31/22 04:49	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/31/22 04:49	1
Methylene Chloride	0.63	J	1.0	0.32	ug/L			10/31/22 04:49	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/31/22 04:49	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/31/22 04:49	1
Styrene	1.0	U	1.0	0.42	ug/L			10/31/22 04:49	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/31/22 04:49	1
Toluene	1.0	U	1.0	0.38	ug/L			10/31/22 04:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/31/22 04:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 04:49	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/31/22 04:49	1

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Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: SIS-MW-2

Lab Sample ID: 460-268432-3

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/31/22 04:49	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/31/22 04:49	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/31/22 04:49	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentane, 2,3-dimethyl-	40	J N	ug/L		3.19	565-59-3		10/31/22 04:49	1
Hexane, 2,2-dimethyl-	300	J N	ug/L		3.47	590-73-8		10/31/22 04:49	1
Pentane, 2,3,4-trimethyl-	210	J N	ug/L		4.51	565-75-3		10/31/22 04:49	1
Pentane, 2,3,3-trimethyl-	190	J N	ug/L		4.62	560-21-4		10/31/22 04:49	1
Hexane, 2,2,4-trimethyl-	29	J N	ug/L		5.05	16747-26-5		10/31/22 04:49	1
Benzene, (2-methylpropyl)-	32	J N	ug/L		9.46	538-93-2		10/31/22 04:49	1
Benzene, 1-methyl-4-propyl-	47	J N	ug/L		9.50	1074-55-1		10/31/22 04:49	1
Benzene, 1,4-diethyl-	19	J N	ug/L		10.01	105-05-5		10/31/22 04:49	1
Benzene, 1,2-diethyl-	15	J N	ug/L		10.09	135-01-3		10/31/22 04:49	1
Benzene, 1,2,4,5-tetramethyl-	73	J N	ug/L		10.82	95-93-2		10/31/22 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		70 - 128		10/31/22 04:49	1
4-Bromofluorobenzene	85		76 - 120		10/31/22 04:49	1
Dibromofluoromethane (Surr)	79		77 - 124		10/31/22 04:49	1
Toluene-d8 (Surr)	79	*	80 - 120		10/31/22 04:49	1

Client Sample ID: FB-102522

Lab Sample ID: 460-268432-4

Date Collected: 10/25/22 13:45

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			10/30/22 23:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/30/22 23:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/30/22 23:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/30/22 23:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/30/22 23:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/30/22 23:29	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/30/22 23:29	1
1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36	ug/L			10/30/22 23:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/30/22 23:29	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/30/22 23:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/30/22 23:29	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/30/22 23:29	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/30/22 23:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/30/22 23:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/30/22 23:29	1
1,4-Dioxane	50	U	50	28	ug/L			10/30/22 23:29	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/30/22 23:29	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/30/22 23:29	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/30/22 23:29	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/30/22 23:29	1
Acetone	5.0	U	5.0	4.4	ug/L			10/30/22 23:29	1
Benzene	1.0	U	1.0	0.20	ug/L			10/30/22 23:29	1

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Client Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: FB-102522

Lab Sample ID: 460-268432-4

Date Collected: 10/25/22 13:45

Matrix: Water

Date Received: 10/26/22 19:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.0	U	1.0	0.54	ug/L			10/30/22 23:29	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/30/22 23:29	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/30/22 23:29	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/30/22 23:29	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/30/22 23:29	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/30/22 23:29	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/30/22 23:29	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/30/22 23:29	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/30/22 23:29	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/30/22 23:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/30/22 23:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 23:29	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/30/22 23:29	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/30/22 23:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/30/22 23:29	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/30/22 23:29	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/30/22 23:29	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/30/22 23:29	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/30/22 23:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/30/22 23:29	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/30/22 23:29	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/30/22 23:29	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/30/22 23:29	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/30/22 23:29	1
Styrene	1.0	U	1.0	0.42	ug/L			10/30/22 23:29	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/30/22 23:29	1
Toluene	1.0	U	1.0	0.38	ug/L			10/30/22 23:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/30/22 23:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 23:29	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/30/22 23:29	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/30/22 23:29	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/30/22 23:29	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/30/22 23:29	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/30/22 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 128		10/30/22 23:29	1
4-Bromofluorobenzene	104		76 - 120		10/30/22 23:29	1
Dibromofluoromethane (Surr)	102		77 - 124		10/30/22 23:29	1
Toluene-d8 (Surr)	96		80 - 120		10/30/22 23:29	1

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Surrogate Summary

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (70-128)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-268432-1	TB-102522	98	102	98	92
460-268432-2	SIS-MW-1	87	98	88	88
460-268432-3	SIS-MW-2	77	85	79	79 *
460-268432-4	FB-102522	101	104	102	96
LCS 460-875099/4	Lab Control Sample	95	106	95	93
LCSD 460-875099/5	Lab Control Sample Dup	92	105	95	92
MB 460-875099/9	Method Blank	105	114	107	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

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

Lab Sample ID: MB 460-875099/9

Matrix: Water

Analysis Batch: 875099

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			10/30/22 21:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/30/22 21:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/30/22 21:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/30/22 21:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/30/22 21:11	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/30/22 21:11	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/30/22 21:11	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/30/22 21:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/30/22 21:11	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/30/22 21:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/30/22 21:11	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/30/22 21:11	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/30/22 21:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/30/22 21:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/30/22 21:11	1
1,4-Dioxane	50	U	50	28	ug/L			10/30/22 21:11	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/30/22 21:11	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/30/22 21:11	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/30/22 21:11	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/30/22 21:11	1
Acetone	5.0	U	5.0	4.4	ug/L			10/30/22 21:11	1
Benzene	1.0	U	1.0	0.20	ug/L			10/30/22 21:11	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/30/22 21:11	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/30/22 21:11	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/30/22 21:11	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/30/22 21:11	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/30/22 21:11	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/30/22 21:11	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/30/22 21:11	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/30/22 21:11	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/30/22 21:11	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/30/22 21:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/30/22 21:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 21:11	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/30/22 21:11	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/30/22 21:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/30/22 21:11	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/30/22 21:11	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/30/22 21:11	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/30/22 21:11	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/30/22 21:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/30/22 21:11	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/30/22 21:11	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/30/22 21:11	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/30/22 21:11	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/30/22 21:11	1
Styrene	1.0	U	1.0	0.42	ug/L			10/30/22 21:11	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/30/22 21:11	1

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QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

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

Lab Sample ID: MB 460-875099/9

Matrix: Water

Analysis Batch: 875099

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.38	ug/L			10/30/22 21:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/30/22 21:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/30/22 21:11	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/30/22 21:11	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/30/22 21:11	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/30/22 21:11	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/30/22 21:11	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/30/22 21:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		70 - 128		10/30/22 21:11	1
4-Bromofluorobenzene	114		76 - 120		10/30/22 21:11	1
Dibromofluoromethane (Surr)	107		77 - 124		10/30/22 21:11	1
Toluene-d8 (Surr)	104		80 - 120		10/30/22 21:11	1

Lab Sample ID: LCS 460-875099/4

Matrix: Water

Analysis Batch: 875099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.3		ug/L		101	67 - 129
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		94	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.7		ug/L		94	51 - 142
1,1,2-Trichloroethane	20.0	19.1		ug/L		96	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		99	73 - 130
1,1-Dichloroethene	20.0	20.6		ug/L		103	68 - 133
1,2,3-Trichlorobenzene	20.0	30.7	*	ug/L		153	56 - 144
1,2,4-Trichlorobenzene	20.0	23.5		ug/L		117	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.3		ug/L		106	58 - 132
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
1,2-Dichloroethane	20.0	19.4		ug/L		97	66 - 129
1,2-Dichloropropane	20.0	19.3		ug/L		96	68 - 128
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
1,4-Dioxane	400	455		ug/L		114	62 - 142
2-Butanone (MEK)	100	101		ug/L		101	61 - 128
2-Hexanone	100	109		ug/L		109	61 - 134
2-Methyl-2-propanol	200	210		ug/L		105	67 - 126
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	69 - 128
Acetone	100	96.7		ug/L		97	61 - 134
Benzene	20.0	19.2		ug/L		96	71 - 126
Bromoform	20.0	17.8		ug/L		89	48 - 144
Bromomethane	20.0	17.4		ug/L		87	32 - 150
Carbon disulfide	20.0	20.8		ug/L		104	64 - 138

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

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

Lab Sample ID: LCS 460-875099/4

Matrix: Water

Analysis Batch: 875099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	20.0	20.7		ug/L		103	61 - 131
Chlorobenzene	20.0	19.9		ug/L		99	80 - 120
Chlorobromomethane	20.0	21.1		ug/L		106	67 - 126
Chlorodibromomethane	20.0	19.1		ug/L		96	62 - 130
Chloroethane	20.0	18.0		ug/L		90	42 - 150
Chloroform	20.0	20.6		ug/L		103	78 - 125
Chloromethane	20.0	17.0		ug/L		85	43 - 150
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	78 - 121
cis-1,3-Dichloropropene	20.0	18.5		ug/L		93	74 - 125
Cyclohexane	20.0	19.7		ug/L		99	60 - 133
Dichlorobromomethane	20.0	20.4		ug/L		102	76 - 121
Dichlorodifluoromethane	20.0	17.5		ug/L		87	33 - 150
Ethylbenzene	20.0	21.2		ug/L		106	78 - 120
Ethylene Dibromide	20.0	19.7		ug/L		98	79 - 126
Isopropylbenzene	20.0	21.5		ug/L		107	79 - 125
Methyl acetate	40.0	36.3		ug/L		91	55 - 146
Methyl tert-butyl ether	20.0	20.5		ug/L		102	72 - 131
Methylcyclohexane	20.0	21.2		ug/L		106	54 - 139
Methylene Chloride	20.0	20.3		ug/L		102	74 - 127
m-Xylene & p-Xylene	20.0	20.5		ug/L		102	78 - 120
o-Xylene	20.0	21.7		ug/L		109	78 - 120
Styrene	20.0	21.2		ug/L		106	75 - 127
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 127
Toluene	20.0	19.9		ug/L		99	78 - 120
trans-1,2-Dichloroethene	20.0	21.7		ug/L		108	74 - 126
trans-1,3-Dichloropropene	20.0	17.4		ug/L		87	66 - 127
Trichloroethene	20.0	20.3		ug/L		101	71 - 121
Trichlorofluoromethane	20.0	16.6		ug/L		83	50 - 150
Vinyl chloride	20.0	15.5		ug/L		78	55 - 144
Xylenes, Total	40.0	42.2		ug/L		105	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 128
4-Bromofluorobenzene	106		76 - 120
Dibromofluoromethane (Surr)	95		77 - 124
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: LCSD 460-875099/5

Matrix: Water

Analysis Batch: 875099

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
1,1,1,2-Tetrachloroethane	20.0	20.7		ug/L		103	67 - 129	2	30
1,1,1-Trichloroethane	20.0	21.7		ug/L		109	68 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	18.8		ug/L		94	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		96	51 - 142	3	30
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	74 - 125	1	30
1,1-Dichloroethane	20.0	20.2		ug/L		101	73 - 130	2	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

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

Lab Sample ID: LCSD 460-875099/5

Matrix: Water

Analysis Batch: 875099

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	21.3		ug/L		106	68 - 133	3	30
1,2,3-Trichlorobenzene	20.0	30.5	*	ug/L		152	56 - 144	1	30
1,2,4-Trichlorobenzene	20.0	24.4		ug/L		122	67 - 132	4	30
1,2-Dibromo-3-Chloropropane	20.0	20.8		ug/L		104	58 - 132	2	30
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120	3	30
1,2-Dichloroethane	20.0	19.5		ug/L		98	66 - 129	1	30
1,2-Dichloropropane	20.0	19.8		ug/L		99	68 - 128	3	30
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120	2	30
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120	3	30
1,4-Dioxane	400	440		ug/L		110	62 - 142	4	30
2-Butanone (MEK)	100	105		ug/L		105	61 - 128	4	30
2-Hexanone	100	109		ug/L		109	61 - 134	0	30
2-Methyl-2-propanol	200	209		ug/L		104	67 - 126	1	30
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	69 - 128	2	30
Acetone	100	109		ug/L		109	61 - 134	12	30
Benzene	20.0	19.4		ug/L		97	71 - 126	1	30
Bromoform	20.0	18.3		ug/L		92	48 - 144	3	30
Bromomethane	20.0	17.6		ug/L		88	32 - 150	1	30
Carbon disulfide	20.0	21.4		ug/L		107	64 - 138	3	30
Carbon tetrachloride	20.0	21.2		ug/L		106	61 - 131	3	30
Chlorobenzene	20.0	20.4		ug/L		102	80 - 120	3	30
Chlorobromomethane	20.0	20.4		ug/L		102	67 - 126	3	30
Chlorodibromomethane	20.0	20.1		ug/L		101	62 - 130	5	30
Chloroethane	20.0	17.8		ug/L		89	42 - 150	1	30
Chloroform	20.0	20.4		ug/L		102	78 - 125	1	30
Chloromethane	20.0	16.8		ug/L		84	43 - 150	1	30
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	78 - 121	0	30
cis-1,3-Dichloropropene	20.0	18.5		ug/L		93	74 - 125	0	30
Cyclohexane	20.0	19.6		ug/L		98	60 - 133	1	30
Dichlorobromomethane	20.0	20.5		ug/L		102	76 - 121	1	30
Dichlorodifluoromethane	20.0	17.0		ug/L		85	33 - 150	3	30
Ethylbenzene	20.0	20.9		ug/L		105	78 - 120	1	30
Ethylene Dibromide	20.0	19.7		ug/L		98	79 - 126	0	30
Isopropylbenzene	20.0	22.2		ug/L		111	79 - 125	3	30
Methyl acetate	40.0	37.3		ug/L		93	55 - 146	3	30
Methyl tert-butyl ether	20.0	20.5		ug/L		102	72 - 131	0	30
Methylcyclohexane	20.0	20.2		ug/L		101	54 - 139	4	30
Methylene Chloride	20.0	20.8		ug/L		104	74 - 127	2	30
m-Xylene & p-Xylene	20.0	21.1		ug/L		105	78 - 120	3	30
o-Xylene	20.0	21.2		ug/L		106	78 - 120	2	30
Styrene	20.0	21.4		ug/L		107	75 - 127	1	30
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 127	2	30
Toluene	20.0	19.8		ug/L		99	78 - 120	0	30
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	74 - 126	4	30
trans-1,3-Dichloropropene	20.0	18.1		ug/L		90	66 - 127	4	30
Trichloroethene	20.0	20.6		ug/L		103	71 - 121	1	30
Trichlorofluoromethane	20.0	17.0		ug/L		85	50 - 150	3	30
Vinyl chloride	20.0	16.2		ug/L		81	55 - 144	4	30
Xylenes, Total	40.0	42.3		ug/L		106	78 - 120	0	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

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

<i>Surrogate</i>	<i>LCSD</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		70 - 128
<i>4-Bromofluorobenzene</i>	105		76 - 120
<i>Dibromofluoromethane (Surr)</i>	95		77 - 124
<i>Toluene-d8 (Surr)</i>	92		80 - 120

Definitions/Glossary

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

Glossary

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

QC Association Summary

Client: GEI Consultants, Inc.

Job ID: 460-268432-1

Project/Site: CVW - (Concourse Village West) - South

GC/MS VOA

Analysis Batch: 875099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-268432-1	TB-102522	Total/NA	Water	8260D	
460-268432-2	SIS-MW-1	Total/NA	Water	8260D	
460-268432-3	SIS-MW-2	Total/NA	Water	8260D	
460-268432-4	FB-102522	Total/NA	Water	8260D	
MB 460-875099/9	Method Blank	Total/NA	Water	8260D	
LCS 460-875099/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-875099/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268432-1

Date Collected: 10/25/22 00:00

Matrix: Water

Date Received: 10/26/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	875099	VBP	EET EDI	10/30/22 23:06

Client Sample ID: SIS-MW-1

Lab Sample ID: 460-268432-2

Date Collected: 10/25/22 11:30

Matrix: Water

Date Received: 10/26/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	875099	VBP	EET EDI	10/31/22 04:26

Client Sample ID: SIS-MW-2

Lab Sample ID: 460-268432-3

Date Collected: 10/25/22 14:10

Matrix: Water

Date Received: 10/26/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	875099	VBP	EET EDI	10/31/22 04:49

Client Sample ID: FB-102522

Lab Sample ID: 460-268432-4

Date Collected: 10/25/22 13:45

Matrix: Water

Date Received: 10/26/22 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	875099	VBP	EET EDI	10/30/22 23:29

Laboratory References:

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

Accreditation/Certification Summary

Client: GEI Consultants, Inc.
Project/Site: CVW - (Concourse Village West) - South

Job ID: 460-268432-1

Laboratory: Eurofins Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268432-1
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 #
TB-102522	460-268432-1	98	98	92	102
SIS-MW-1	460-268432-2	88	87	88	98
SIS-MW-2	460-268432-3	79	77	79 *	85
FB-102522	460-268432-4	102	101	96	104
	MB 460-875099/9	107	105	104	114
	LCS 460-875099/4	95	95	93	106
	LCSD 460-875099/5	95	92	92	105

	<u>QC LIMITS</u>
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 III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N57356.D
 Lab ID: LCS 460-875099/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.3	101	67-129	
1,1,1-Trichloroethane	20.0	20.8	104	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	18.7	94	51-142	
1,1,2-Trichloroethane	20.0	19.1	96	74-125	
1,1-Dichloroethane	20.0	19.7	99	73-130	
1,1-Dichloroethene	20.0	20.6	103	68-133	
1,2,3-Trichlorobenzene	20.0	30.7	153	56-144	*
1,2,4-Trichlorobenzene	20.0	23.5	117	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.3	106	58-132	
1,2-Dichlorobenzene	20.0	20.4	102	80-120	
1,2-Dichloroethane	20.0	19.4	97	66-129	
1,2-Dichloropropane	20.0	19.3	96	68-128	
1,3-Dichlorobenzene	20.0	20.4	102	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dioxane	400	455	114	62-142	
2-Butanone (MEK)	100	101	101	61-128	
2-Hexanone	100	109	109	61-134	
2-Methyl-2-propanol	200	210	105	67-126	
4-Methyl-2-pentanone (MIBK)	100	102	102	69-128	
Acetone	100	96.7	97	61-134	
Benzene	20.0	19.2	96	71-126	
Bromoform	20.0	17.8	89	48-144	
Bromomethane	20.0	17.4	87	32-150	
Carbon disulfide	20.0	20.8	104	64-138	
Carbon tetrachloride	20.0	20.7	103	61-131	
Chlorobenzene	20.0	19.9	99	80-120	
Chlorobromomethane	20.0	21.1	106	67-126	
Chlorodibromomethane	20.0	19.1	96	62-130	
Chloroethane	20.0	18.0	90	42-150	
Chloroform	20.0	20.6	103	78-125	
Chloromethane	20.0	17.0	85	43-150	
cis-1,2-Dichloroethene	20.0	20.7	103	78-121	
cis-1,3-Dichloropropene	20.0	18.5	93	74-125	
Cyclohexane	20.0	19.7	99	60-133	
Dichlorobromomethane	20.0	20.4	102	76-121	
Dichlorodifluoromethane	20.0	17.5	87	33-150	
Ethylbenzene	20.0	21.2	106	78-120	
Ethylene Dibromide	20.0	19.7	98	79-126	
Isopropylbenzene	20.0	21.5	107	79-125	
Methyl acetate	40.0	36.3	91	55-146	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N57356.D
 Lab ID: LCS 460-875099/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	20.5	102	72-131	
Methylcyclohexane	20.0	21.2	106	54-139	
Methylene Chloride	20.0	20.3	102	74-127	
m-Xylene & p-Xylene	20.0	20.5	102	78-120	
o-Xylene	20.0	21.7	109	78-120	
Styrene	20.0	21.2	106	75-127	
Tetrachloroethene	20.0	21.3	107	70-127	
Toluene	20.0	19.9	99	78-120	
trans-1,2-Dichloroethene	20.0	21.7	108	74-126	
trans-1,3-Dichloropropene	20.0	17.4	87	66-127	
Trichloroethene	20.0	20.3	101	71-121	
Trichlorofluoromethane	20.0	16.6	83	50-150	
Vinyl chloride	20.0	15.5	78	55-144	
Xylenes, Total	40.0	42.2	105	78-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N57357.D
 Lab ID: LCSD 460-875099/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	20.7	103	2	30	67-129	
1,1,1-Trichloroethane	20.0	21.7	109	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	0	30	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	19.3	96	3	30	51-142	
1,1,2-Trichloroethane	20.0	19.3	96	1	30	74-125	
1,1-Dichloroethane	20.0	20.2	101	2	30	73-130	
1,1-Dichloroethene	20.0	21.3	106	3	30	68-133	
1,2,3-Trichlorobenzene	20.0	30.5	152	1	30	56-144	*
1,2,4-Trichlorobenzene	20.0	24.4	122	4	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	20.8	104	2	30	58-132	
1,2-Dichlorobenzene	20.0	21.0	105	3	30	80-120	
1,2-Dichloroethane	20.0	19.5	98	1	30	66-129	
1,2-Dichloropropane	20.0	19.8	99	3	30	68-128	
1,3-Dichlorobenzene	20.0	20.8	104	2	30	80-120	
1,4-Dichlorobenzene	20.0	20.2	101	3	30	80-120	
1,4-Dioxane	400	440	110	4	30	62-142	
2-Butanone (MEK)	100	105	105	4	30	61-128	
2-Hexanone	100	109	109	0	30	61-134	
2-Methyl-2-propanol	200	209	104	1	30	67-126	
4-Methyl-2-pentanone (MIBK)	100	104	104	2	30	69-128	
Acetone	100	109	109	12	30	61-134	
Benzene	20.0	19.4	97	1	30	71-126	
Bromoform	20.0	18.3	92	3	30	48-144	
Bromomethane	20.0	17.6	88	1	30	32-150	
Carbon disulfide	20.0	21.4	107	3	30	64-138	
Carbon tetrachloride	20.0	21.2	106	3	30	61-131	
Chlorobenzene	20.0	20.4	102	3	30	80-120	
Chlorobromomethane	20.0	20.4	102	3	30	67-126	
Chlorodibromomethane	20.0	20.1	101	5	30	62-130	
Chloroethane	20.0	17.8	89	1	30	42-150	
Chloroform	20.0	20.4	102	1	30	78-125	
Chloromethane	20.0	16.8	84	1	30	43-150	
cis-1,2-Dichloroethene	20.0	20.6	103	0	30	78-121	
cis-1,3-Dichloropropene	20.0	18.5	93	0	30	74-125	
Cyclohexane	20.0	19.6	98	1	30	60-133	
Dichlorobromomethane	20.0	20.5	102	1	30	76-121	
Dichlorodifluoromethane	20.0	17.0	85	3	30	33-150	
Ethylbenzene	20.0	20.9	105	1	30	78-120	
Ethylene Dibromide	20.0	19.7	98	0	30	79-126	
Isopropylbenzene	20.0	22.2	111	3	30	79-125	
Methyl acetate	40.0	37.3	93	3	30	55-146	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: N57357.D
 Lab ID: LCSD 460-875099/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methyl tert-butyl ether	20.0	20.5	102	0	30	72-131	
Methylcyclohexane	20.0	20.2	101	4	30	54-139	
Methylene Chloride	20.0	20.8	104	2	30	74-127	
m-Xylene & p-Xylene	20.0	21.1	105	3	30	78-120	
o-Xylene	20.0	21.2	106	2	30	78-120	
Styrene	20.0	21.4	107	1	30	75-127	
Tetrachloroethene	20.0	20.9	104	2	30	70-127	
Toluene	20.0	19.8	99	0	30	78-120	
trans-1,2-Dichloroethene	20.0	20.8	104	4	30	74-126	
trans-1,3-Dichloropropene	20.0	18.1	90	4	30	66-127	
Trichloroethene	20.0	20.6	103	1	30	71-121	
Trichlorofluoromethane	20.0	17.0	85	3	30	50-150	
Vinyl chloride	20.0	16.2	81	4	30	55-144	
Xylenes, Total	40.0	42.3	106	0	30	78-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268432-1
SDG No.: _____
Lab File ID: N57361.D Lab Sample ID: MB 460-875099/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS11 Date Analyzed: 10/30/2022 21:11
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 460-875099/4	N57356.D	10/30/2022 19:16
	LCSD 460-875099/5	N57357.D	10/30/2022 19:39
TB-102522	460-268432-1	N57366.D	10/30/2022 23:06
FB-102522	460-268432-4	N57367.D	10/30/2022 23:29
SIS-MW-1	460-268432-2	N57380.D	10/31/2022 04:26
SIS-MW-2	460-268432-3	N57381.D	10/31/2022 04:49

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

Lab Name: Eurofins Edison Job No.: 460-268432-1
SDG No.: _____
Lab File ID: N57141.D BFB Injection Date: 10/25/2022
Instrument ID: CVOAMS11 BFB Injection Time: 06:01
Analysis Batch No.: 873907

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	127.7
96	5 - 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.3
174	50 - 200% of m/z 95	78.3
175	5 - 9% of m/z 174	8.0
176	95 -105% of m/z 174	99.5
177	5 - 10% of m/z 176	6.0

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-873907/3	N57143.D	10/25/2022	7:02
	STD5 460-873907/5	N57145.D	10/25/2022	7:49
	STD20 460-873907/6	N57146.D	10/25/2022	8:12
	STD50 460-873907/7	N57147.D	10/25/2022	8:35
	STD200 460-873907/8	N57148.D	10/25/2022	8:58
	STD500 460-873907/9	N57149.D	10/25/2022	9:21
	STD1 460-873907/21	N57163.D	10/25/2022	15:20
	ICV 460-873907/22	N57164.D	10/25/2022	15:58

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

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Sample No.: STD20 460-873907/6 Date Analyzed: 10/25/2022 08:12
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N57146.D Heated Purge: (Y/N) N
 Calibration ID: 91552

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	56186	1.93	225878	2.70	467070	3.61	
UPPER LIMIT	112372	2.43	451756	3.20	934140	4.11	
LOWER LIMIT	28093	1.43	112939	2.20	233535	3.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-873907/22		48028	1.94	208068	2.70	460461	3.61

TBA_d9 = 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.: 460-268432-1
 SDG No.: _____
 Sample No.: STD20 460-873907/6 Date Analyzed: 10/25/2022 08:12
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N57146.D Heated Purge: (Y/N) N
 Calibration ID: 91552

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	21646	4.22	348330	6.70	205962	9.65
UPPER LIMIT	43292	4.72	696660	7.20	411924	10.15
LOWER LIMIT	10823	3.72	174165	6.20	102981	9.15
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-873907/22		19102	4.22	334799	6.70	196560 9.65

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 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.: 460-268432-1
 SDG No.: _____
 Sample No.: CCVIS 460-875099/2 Date Analyzed: 10/30/2022 18:30
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N57354.D Heated Purge: (Y/N) N
 Calibration ID: 91552

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39459	1.93	169354	2.70	397241	3.61
UPPER LIMIT		78918	2.43	338708	3.20	794482	4.11
LOWER LIMIT		19730	1.43	84677	2.20	198621	3.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-875099/4		47401	1.95	177206	2.69	372833	3.61
LCSD 460-875099/5		47864	1.95	184323	2.70	390542	3.61
MB 460-875099/9		42719	1.95	161750	2.70	335226	3.61
460-268432-1	TB-102522	46860	1.93	167922	2.69	360561	3.61
460-268432-4	FB-102522	47196	1.94	171209	2.70	349099	3.61
460-268432-2	SIS-MW-1	49322	1.95	193847	2.70	398296	3.61
460-268432-3	SIS-MW-2	52241	1.94	192723	2.70	389988	3.61

TBA_d9 = 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.: 460-268432-1
 SDG No.: _____
 Sample No.: CCVIS 460-875099/2 Date Analyzed: 10/30/2022 18:30
 Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): N57354.D Heated Purge: (Y/N) N
 Calibration ID: 91552

		DXE		CBNZd5		DCBd4		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		16246	4.22	319956	6.70	185252	9.65	
UPPER LIMIT		32492	4.72	639912	7.20	370504	10.15	
LOWER LIMIT		8123	3.72	159978	6.20	92626	9.15	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-875099/4		18444	4.22	293897	6.70	179408	9.65	
LCSD 460-875099/5		19668	4.22	305588	6.70	183015	9.65	
MB 460-875099/9		15637	4.22	256253	6.70	147665	9.65	
460-268432-1		TB-102522	15844	4.23	280240	6.70	161142	9.65
460-268432-4		FB-102522	15882	4.22	271058	6.70	151529	9.65
460-268432-2		SIS-MW-1	18813	4.22	309035	6.70	181347	9.65
460-268432-3		SIS-MW-2	19309	4.22	300682	6.70	178559	9.65

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 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: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268432-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57366.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 00:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>10/30/2022 23:06</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
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
87-61-6	1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
75-65-0	2-Methyl-2-propanol	10	U	10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
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
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268432-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57366.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 23:06</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
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
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268432-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57366.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 23:06</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57366.D
 Lims ID: 460-268432-A-1
 Client ID: TB-102522
 Sample Type: Client
 Inject. Date: 30-Oct-2022 23:06:30 ALS Bottle#: 30 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-A-1
 Misc. Info.: 460-0152503-014
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 07:44:36 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1: Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1610

First Level Reviewer: C1JX

Date: 30-Oct-2022 23:25:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.934	1.953	-0.019	69	46860	1000.0	
* 43 2-Butanone-d5	46	2.689	2.689	0.000	97	167922	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	82757	49.0	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.328	0.006	81	88672	48.8	
* 67 Fluorobenzene	96	3.607	3.607	0.000	99	360561	50.0	
* 73 1,4-Dioxane-d8	96	4.228	4.222	0.006	76	15844	1000.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	308495	46.2	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	280240	50.0	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	92	108448	51.0	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	161142	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57366.D

Injection Date: 30-Oct-2022 23:06:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-268432-A-1

Lab Sample ID: 460-268432-1

Worklist Smp#: 14

Client ID: TB-102522

Purge Vol: 5.000 mL

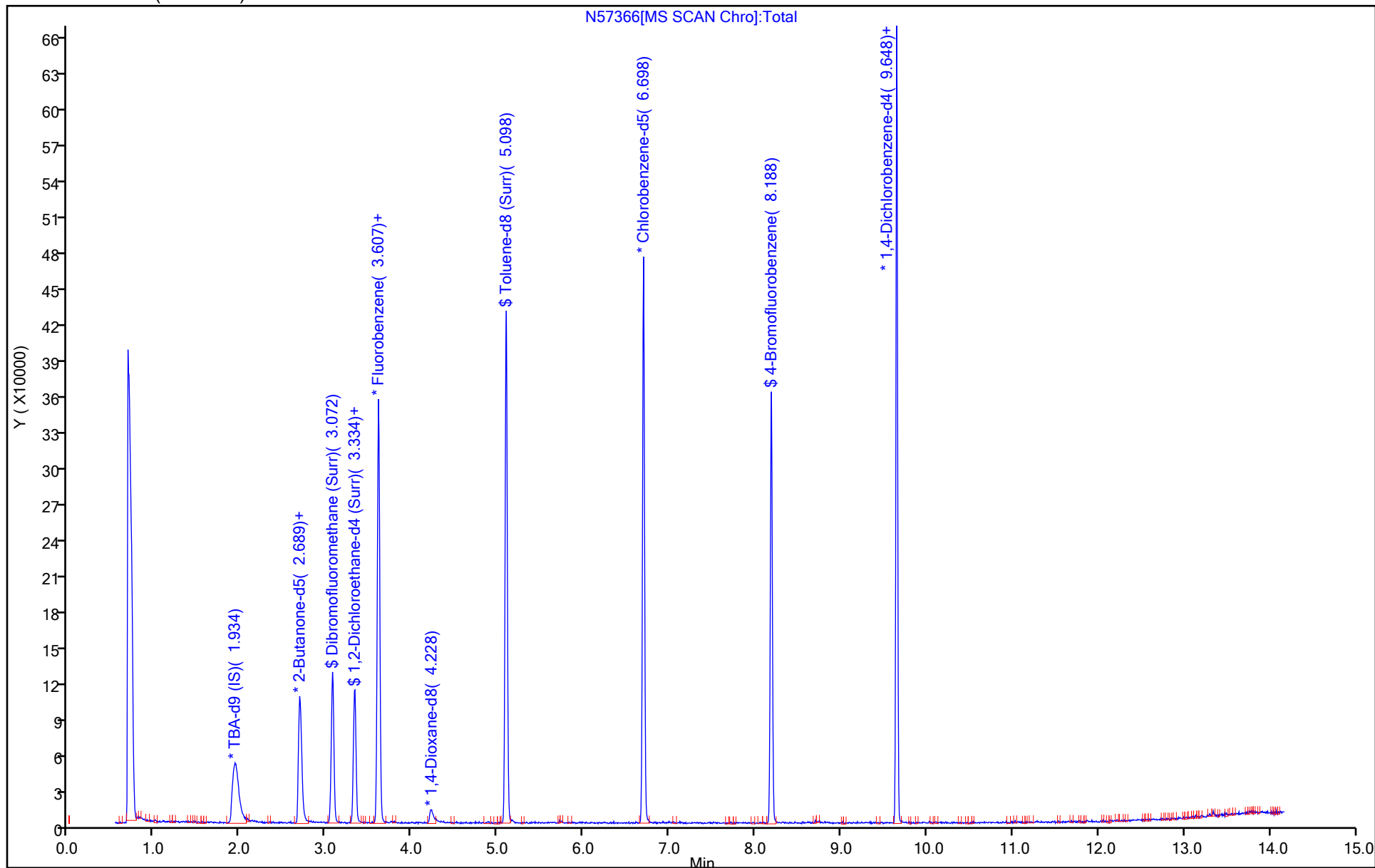
Dil. Factor: 1.0000

ALS Bottle#: 30

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\20221030-152503.b\N57366.D
Lims ID: 460-268432-A-1
Client ID: TB-102522
Sample Type: Client
Inject. Date: 30-Oct-2022 23:06:30 ALS Bottle#: 30 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268432-A-1
Misc. Info.: 460-0152503-014
Operator ID: Instrument ID: CVOAMS11
Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2022 07:44:36 Calib Date: 25-Oct-2022 15:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: C1JX

Date: 30-Oct-2022 23:25:57

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	49.0	97.96
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	48.8	97.66
\$ 84 Toluene-d8 (Surr)	50.0	46.2	92.41
\$ 106 4-Bromofluorobenzene	50.0	51.0	102.03

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>SIS-MW-1</u>	Lab Sample ID: <u>460-268432-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57380.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 11:30</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>10/31/2022 04:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
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
87-61-6	1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
75-65-0	2-Methyl-2-propanol	10	U	10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	14		5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
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
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
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	0.26	J	1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>SIS-MW-1</u>	Lab Sample ID: <u>460-268432-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57380.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 11:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 04:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	2.8		1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.40	J	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.42
127-18-4	Tetrachloroethene	2.2		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	0.86	J	1.0	0.31
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	88		77-124
2037-26-5	Toluene-d8 (Surr)	88		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Edison Job No.: 460-268432-1
SDG No.: _____
Client Sample ID: SIS-MW-1 Lab Sample ID: 460-268432-2
Matrix: Water Lab File ID: N57380.D
Analysis Method: 8260D Date Collected: 10/25/2022 11:30
Sample wt/vol: 5 (mL) Date Analyzed: 10/31/2022 04:26
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.: 875099 Units: ug/L
Number TICs Found: 5 TIC Result Total: 37.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	2.07	5.6	J	
565-59-3	Pentane, 2,3-dimethyl-	3.18	5.3	J N	90%
	Unknown	3.46	12	J	
565-75-3	Pentane, 2,3,4-trimethyl-	4.51	6.1	J N	83%
560-21-4	Pentane, 2,3,3-trimethyl-	4.62	8.5	J N	72%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D
 Lims ID: 460-268432-B-2
 Client ID: SIS-MW-1
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:26:30 ALS Bottle#: 44 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-2
 Misc. Info.: 460-0152503-028
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:25:08 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1: Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:44:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
23 Acetone	58	1.655	1.642	0.013	82	2730	14.1	M
* 31 TBA-d9 (IS)	46	1.947	1.928	0.019	69	49322	1000.0	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	97	193847	250.0	
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	27	698	0.2597	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	82381	44.1	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.334	0.000	82	87679	43.7	
* 67 Fluorobenzene	96	3.607	3.607	0.000	99	398296	50.0	
69 Trichloroethene	95	3.930	3.924	0.006	90	1991	0.8566	
71 Methylcyclohexane	83	4.094	4.100	-0.006	88	8460	2.81	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	77	18813	1000.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	325149	44.2	
89 Tetrachloroethene	166	5.749	5.743	0.006	96	4802	2.21	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	309035	50.0	
99 m-Xylene & p-Xylene	106	7.045	7.045	0.000	94	1651	0.4016	
105 Isopropylbenzene	105	8.018	8.018	0.000	90	1806	0.1900	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	91	114620	48.9	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	181347	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D
 Lims ID: 460-268432-B-2
 Client ID: SIS-MW-1
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:26:30 ALS Bottle#: 44 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-2
 Misc. Info.: 460-0152503-028
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:25:08 Calib Date: 25-Oct-2022 15:20:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 70
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666
 First Level Reviewer: KG2Q Date: 31-Oct-2022 07:44:00

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
2.068	89565	5.59	67					
565-59-3	Pentane, 2,3-dimethyl-							
3.182	84591	5.28	67	90	3907	C7H16	100	
Unknown								
3.455	197733	12.3	67					
565-75-3	Pentane, 2,3,4-trimethyl-							
4.508	98392	6.14	67	83	7464	C8H18	114	
560-21-4	Pentane, 2,3,3-trimethyl-							
4.617	136262	8.50	67	72	7458	C8H18	114	

Quantitation Compounds

Compound	RT	Area	Amount ug/l

* 67 Fluorobenzene 3.607 801625 50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Worklist Smp#: 28

Client ID: SIS-MW-1

Purge Vol: 5.000 mL

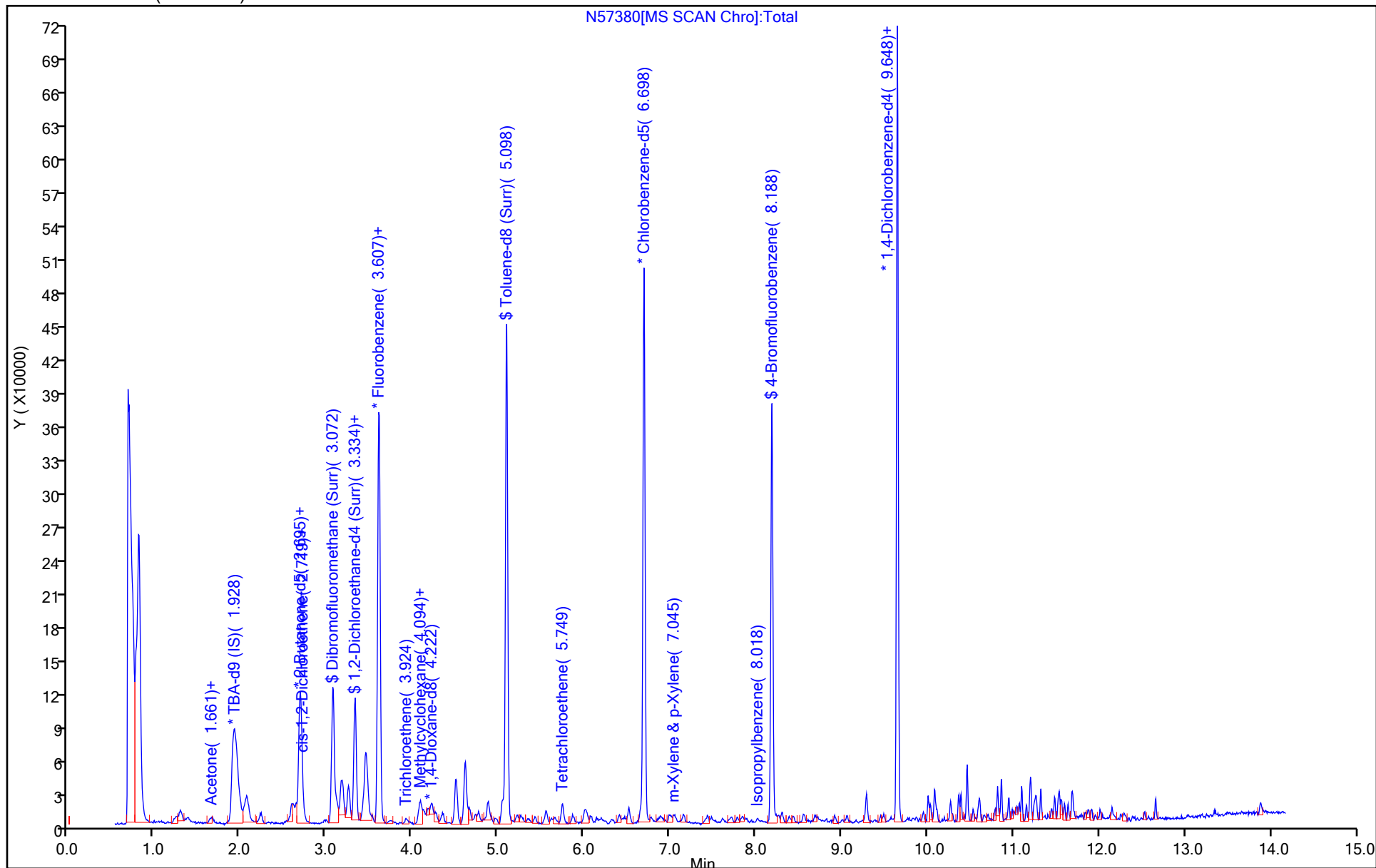
Dil. Factor: 1.0000

ALS Bottle#: 44

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\20221030-152503.b\N57380.D
 Lims ID: 460-268432-B-2
 Client ID: SIS-MW-1
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:26:30 ALS Bottle#: 44 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-2
 Misc. Info.: 460-0152503-028
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:25:08 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:44:00

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	44.1	88.28
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	43.7	87.41
\$ 84 Toluene-d8 (Surr)	50.0	44.2	88.33
\$ 106 4-Bromofluorobenzene	50.0	48.9	97.79

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

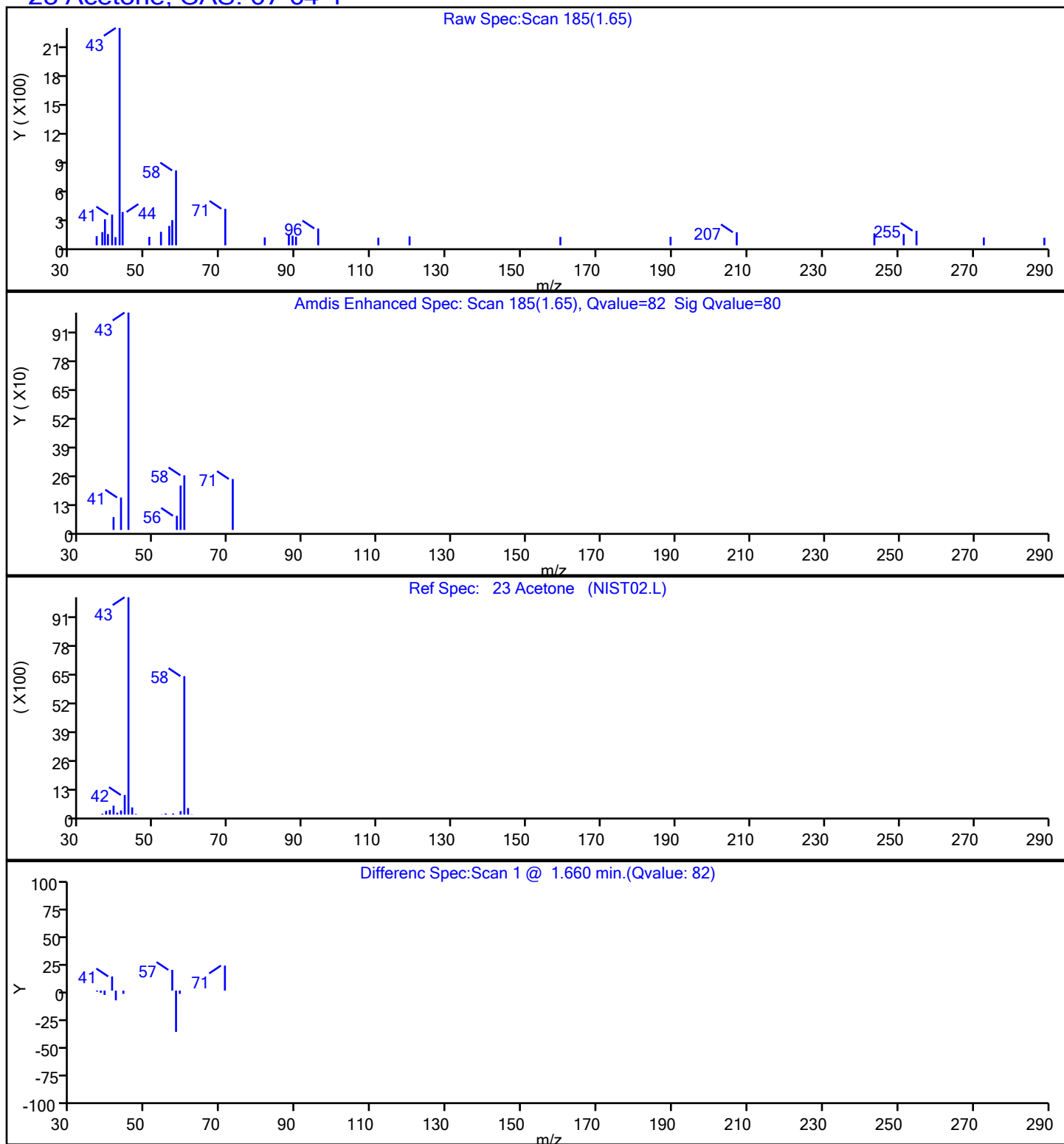
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Acetone, CAS: 67-64-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#:

44

Worklist Smp#:

28

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

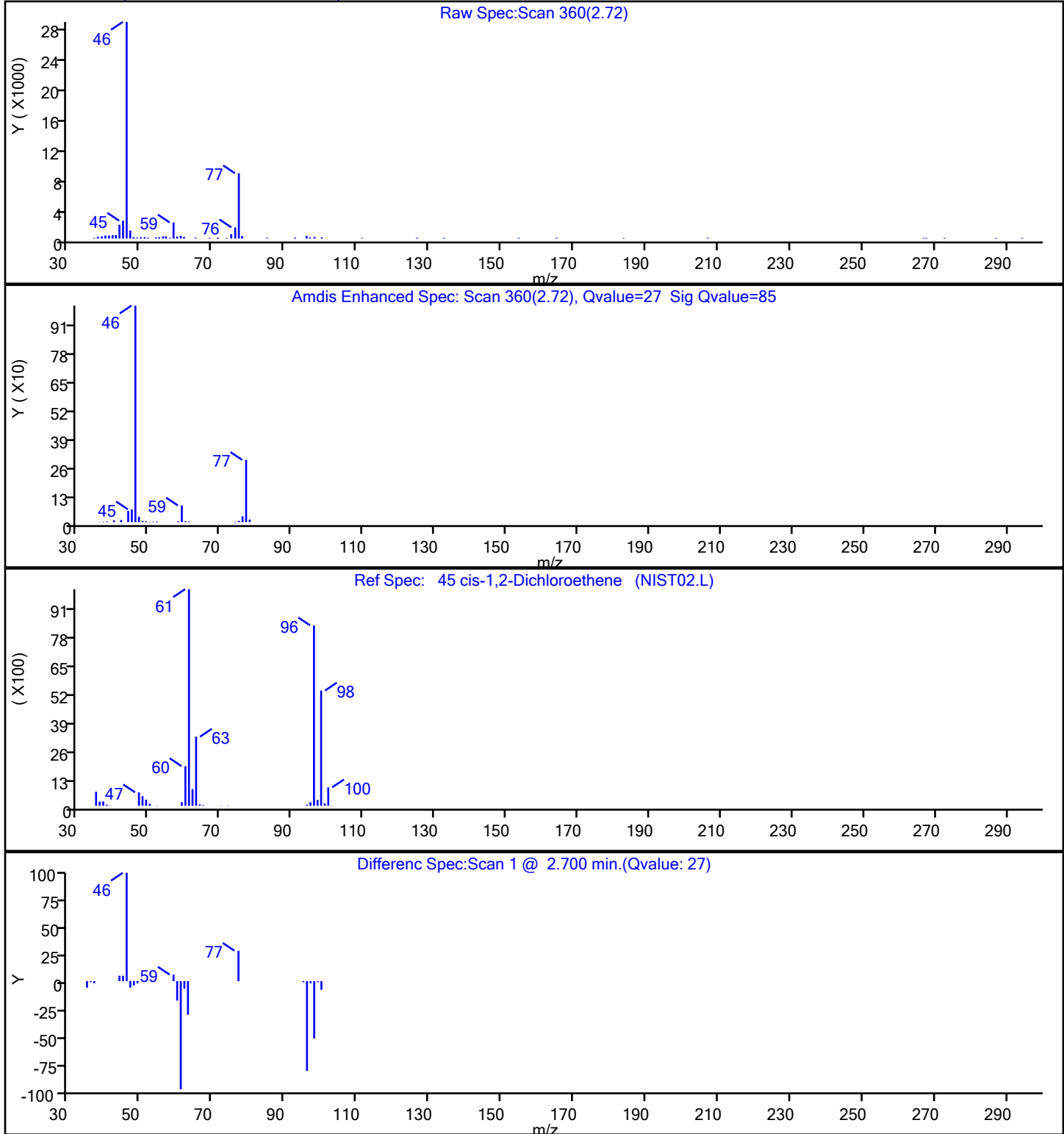
Limit Group:

VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

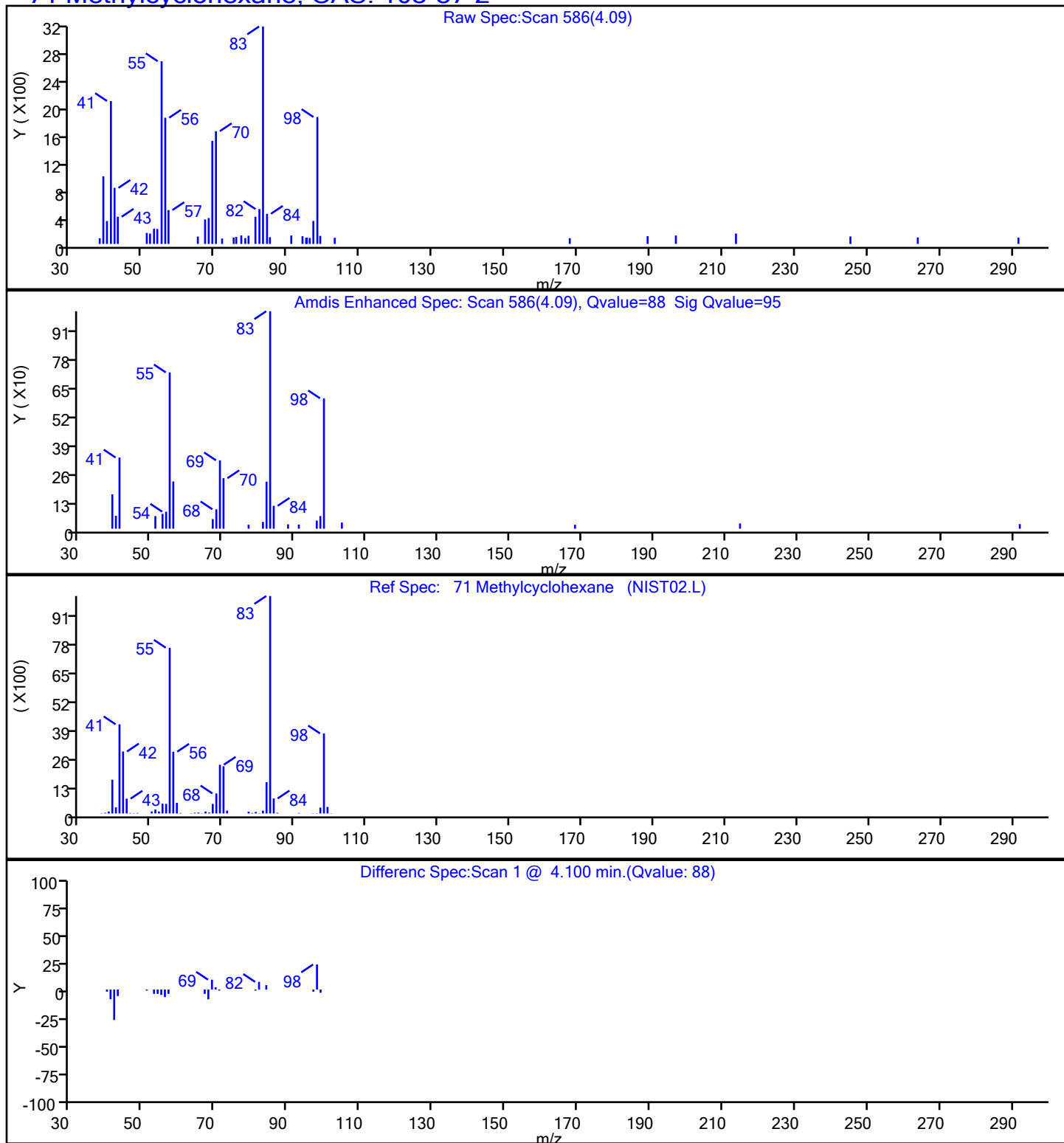
Dil. Factor: 1.0000

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

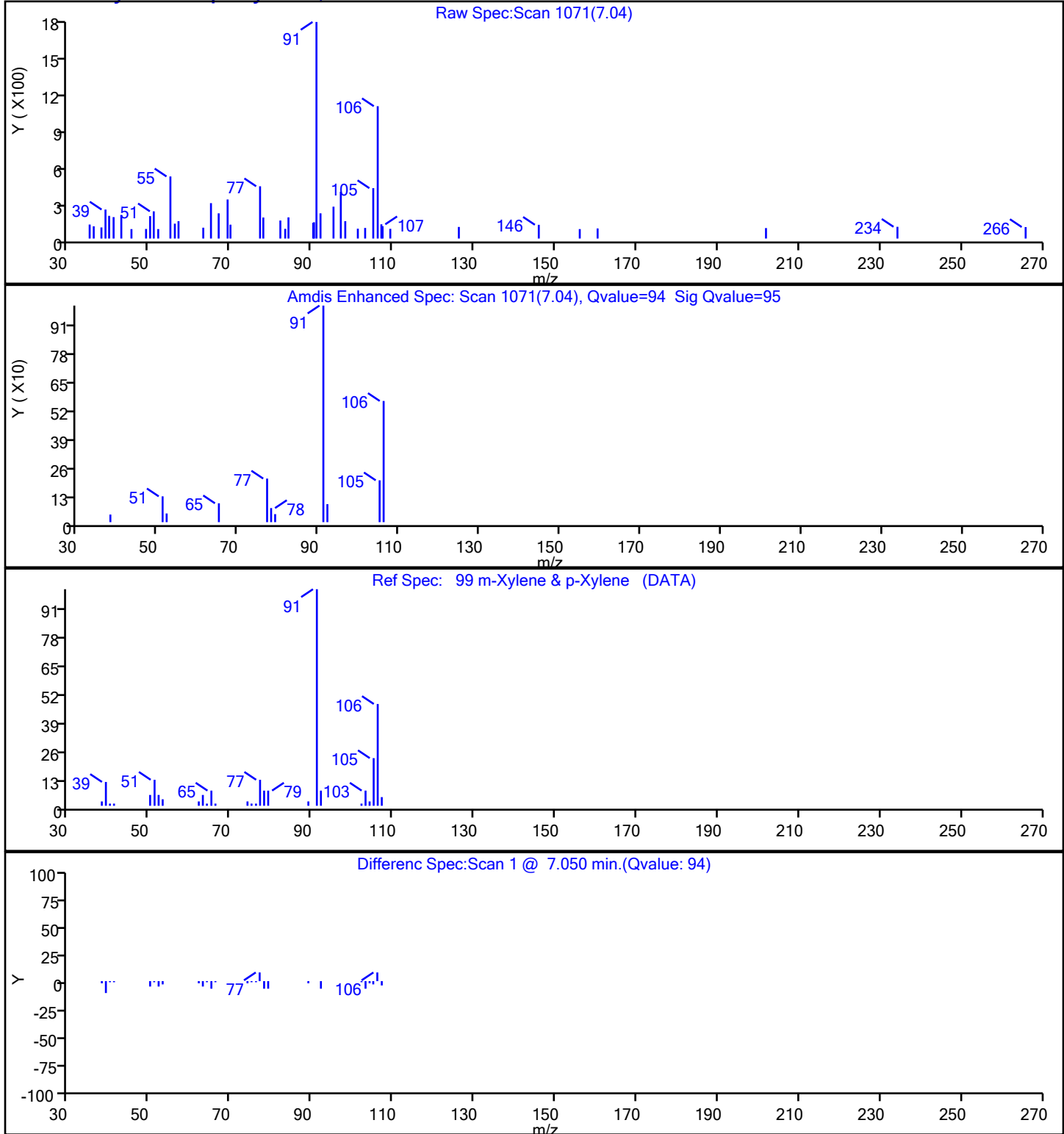
Dil. Factor: 1.0000

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

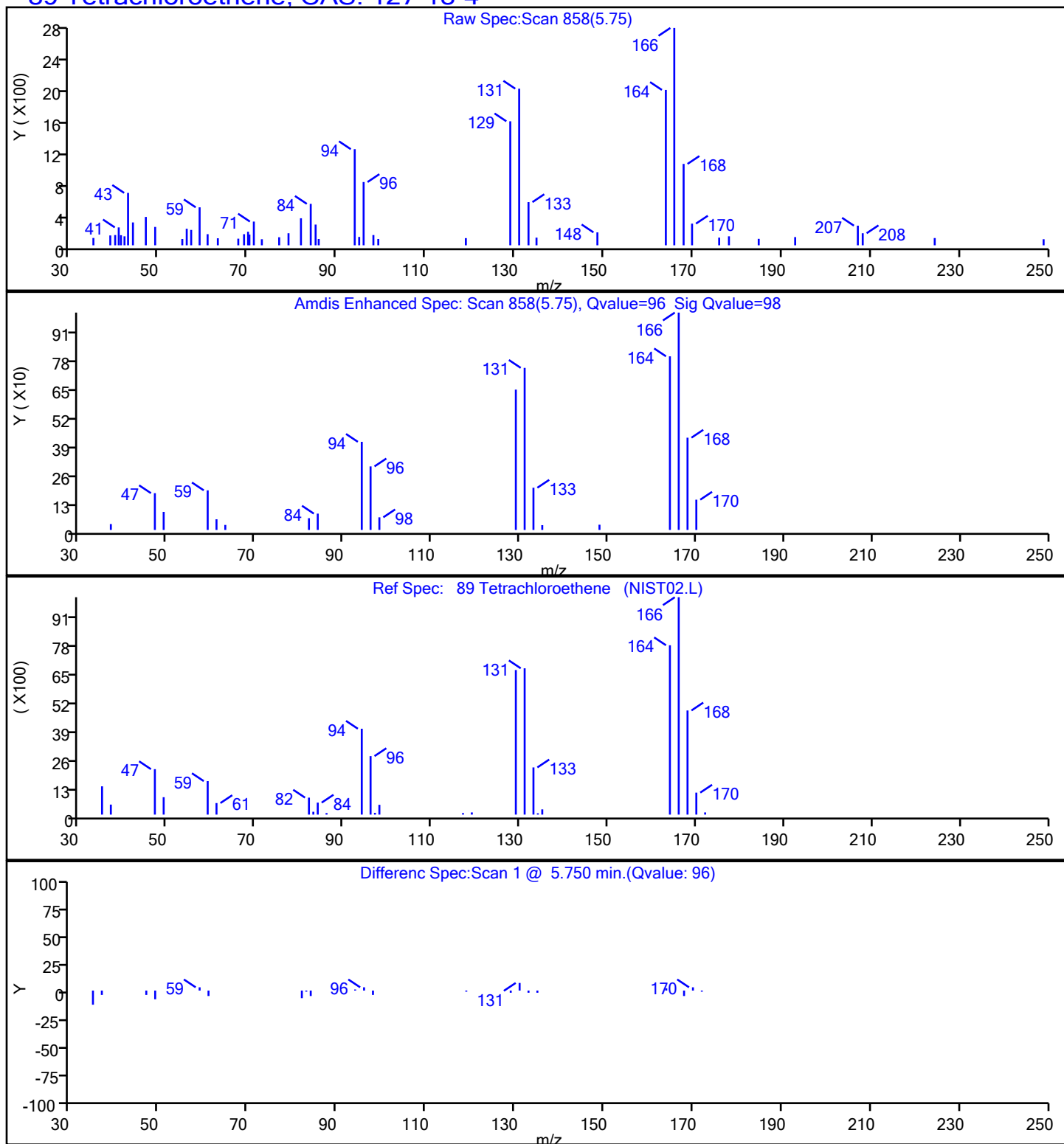
Dil. Factor: 1.0000

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\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

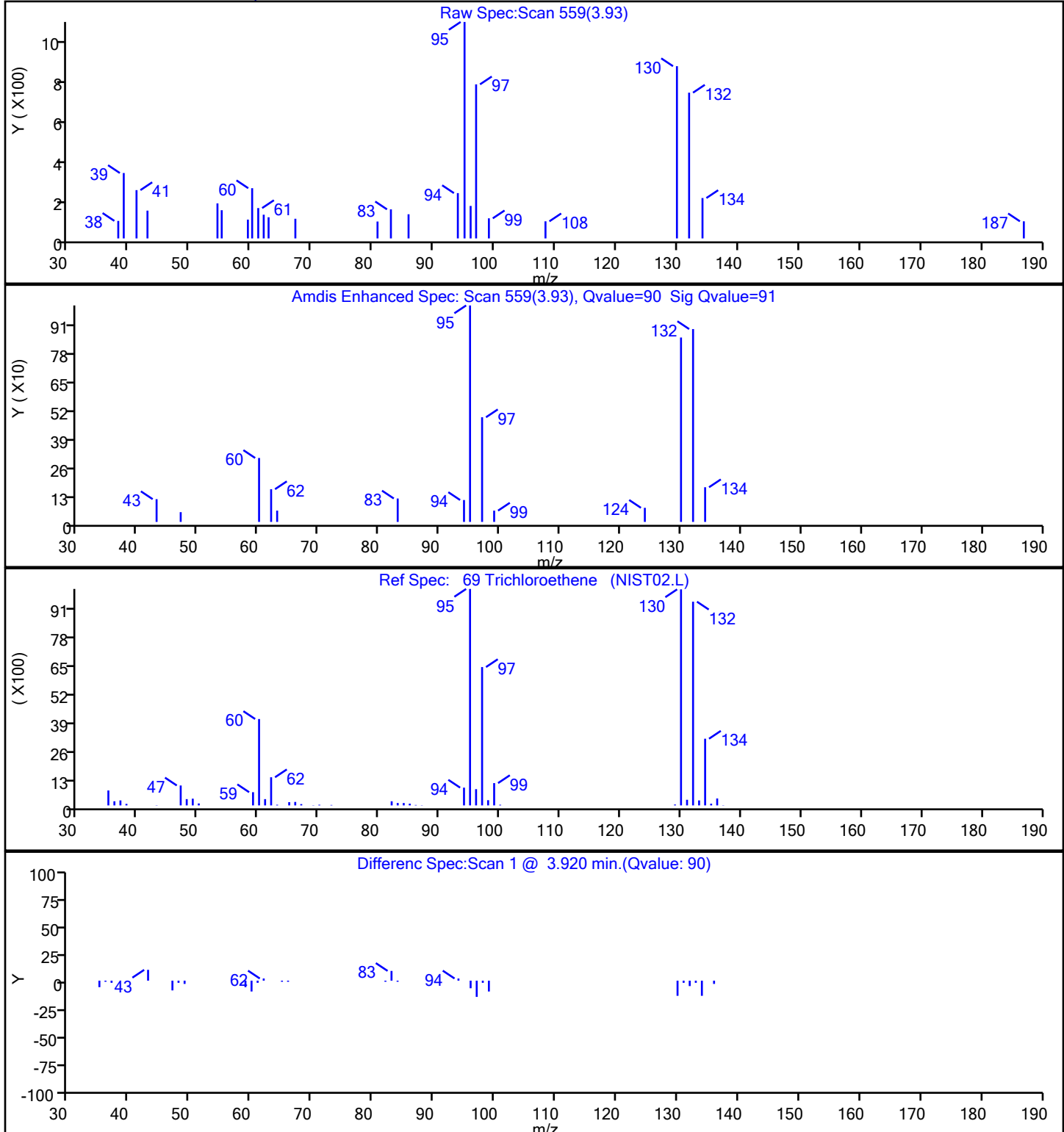
Dil. Factor: 1.0000

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#:

44

Worklist Smp#: 28

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)

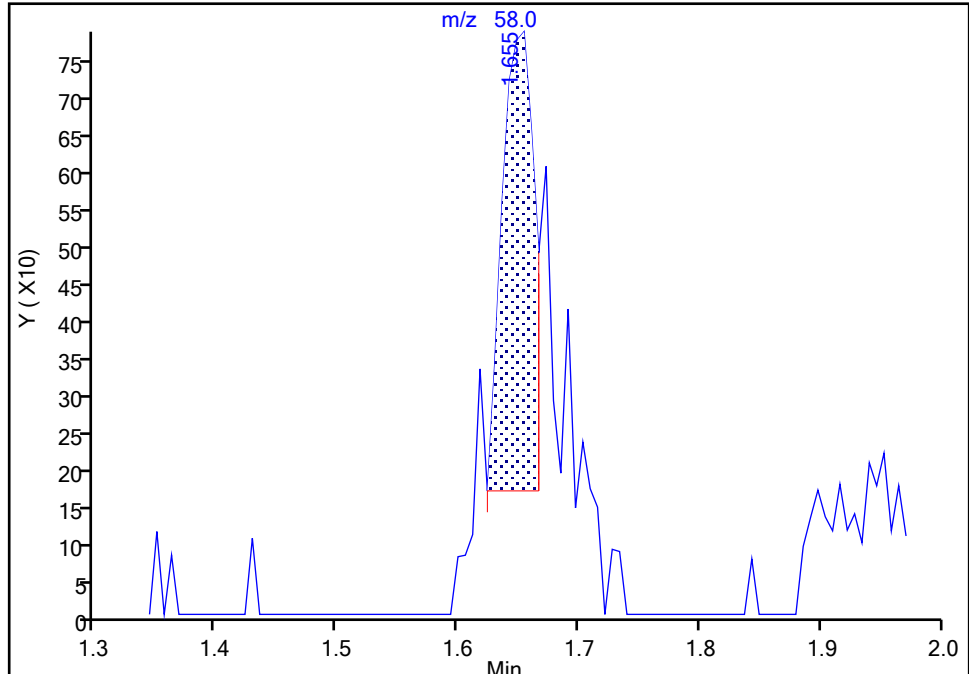
Detector: MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

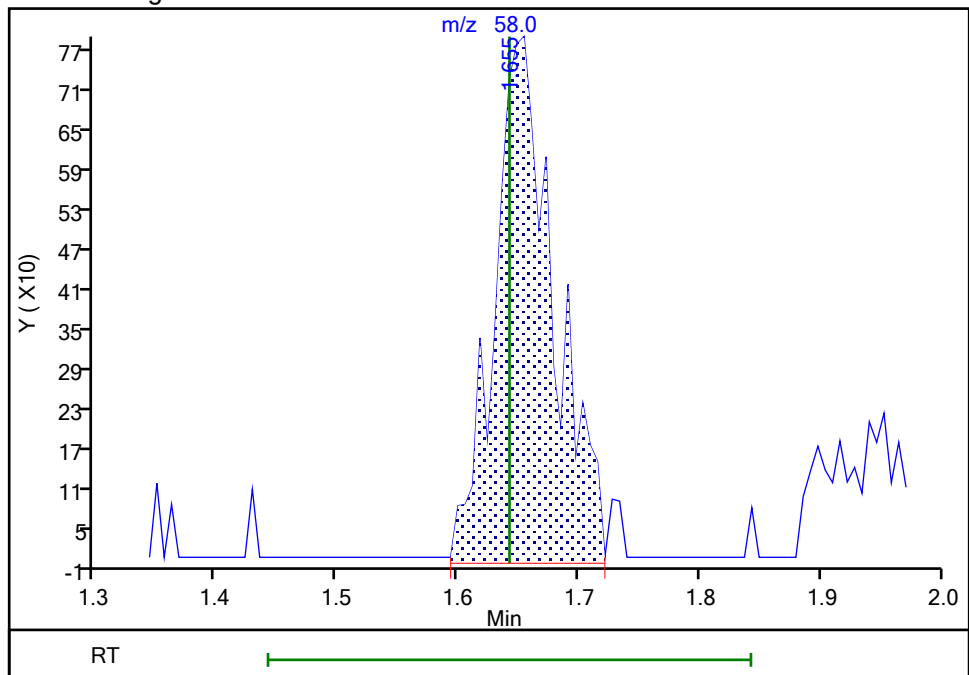
RT: 1.65
Area: 1152
Amount: 5.966302
Amount Units: ug/l

Processing Integration Results



RT: 1.65
Area: 2730
Amount: 14.138893
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:24:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

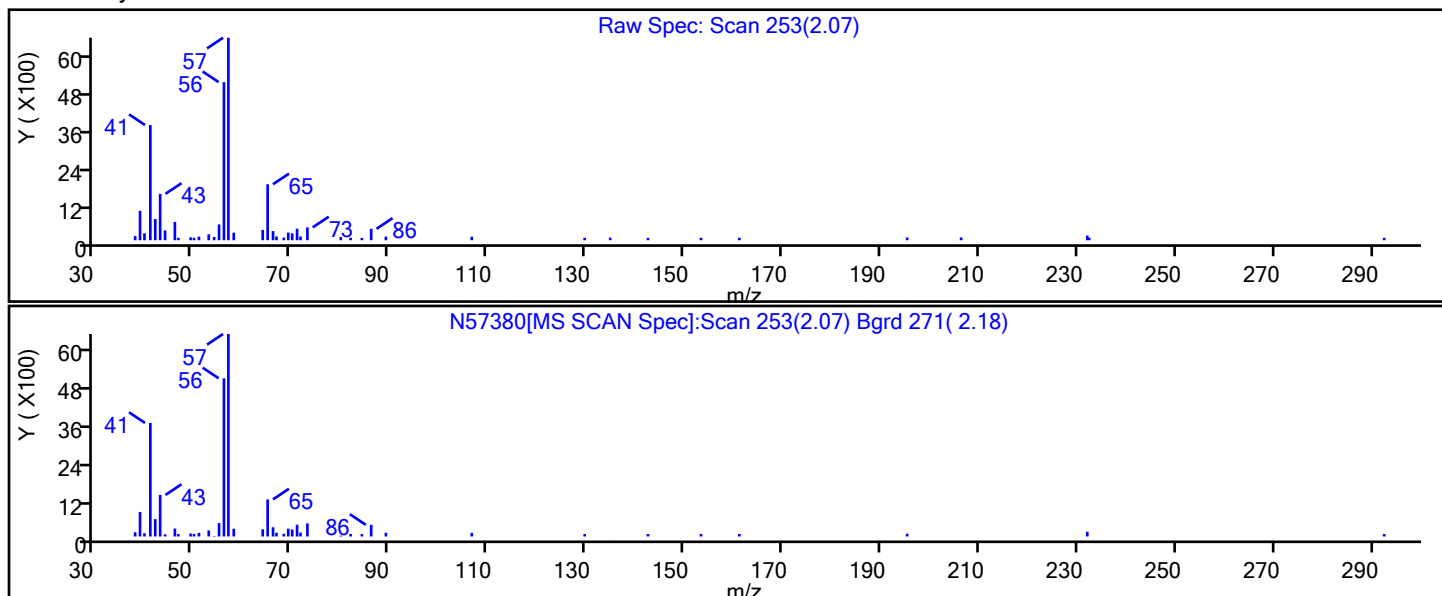
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

No Library Matches Found above the Threshold: 70



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

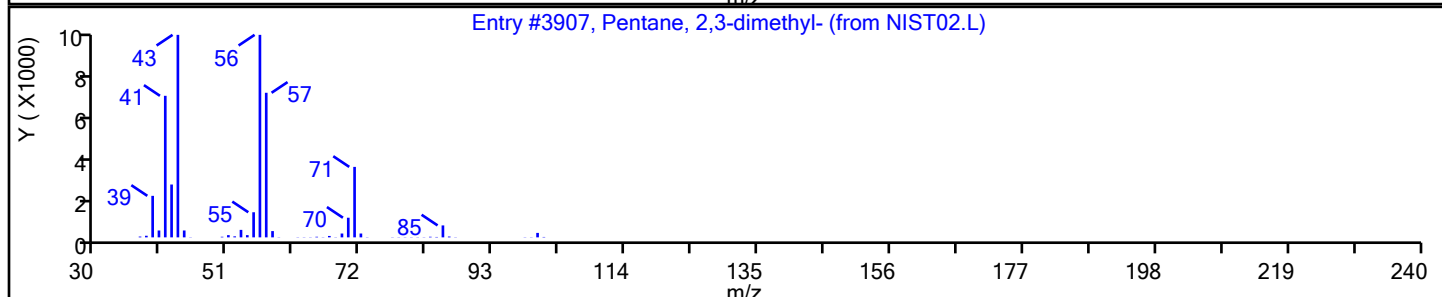
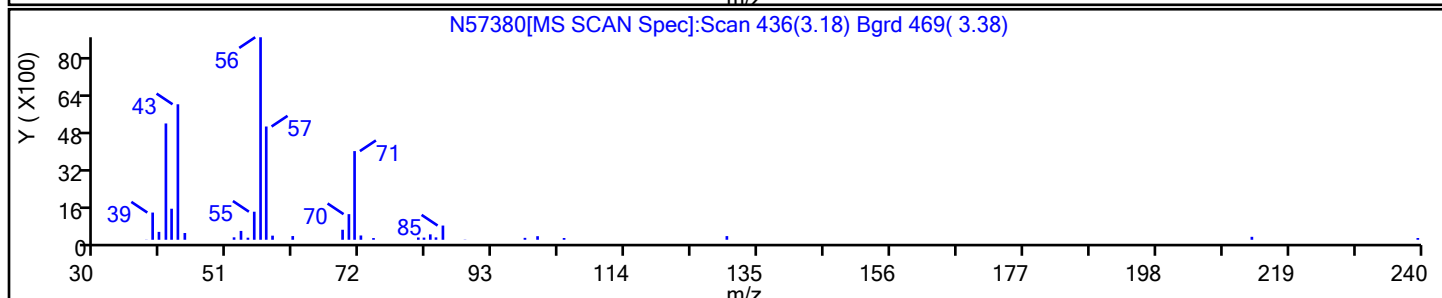
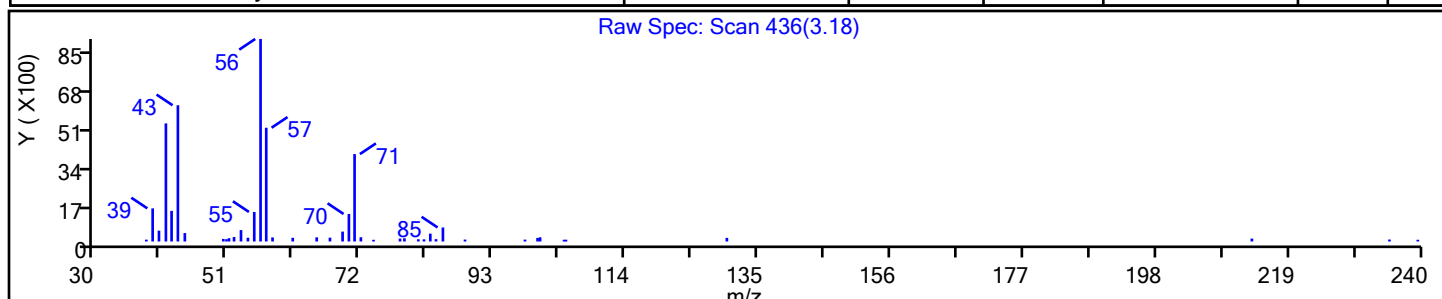
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3-dimethyl-	565-59-3	NIST02.L	3907	C7H16	100	90



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

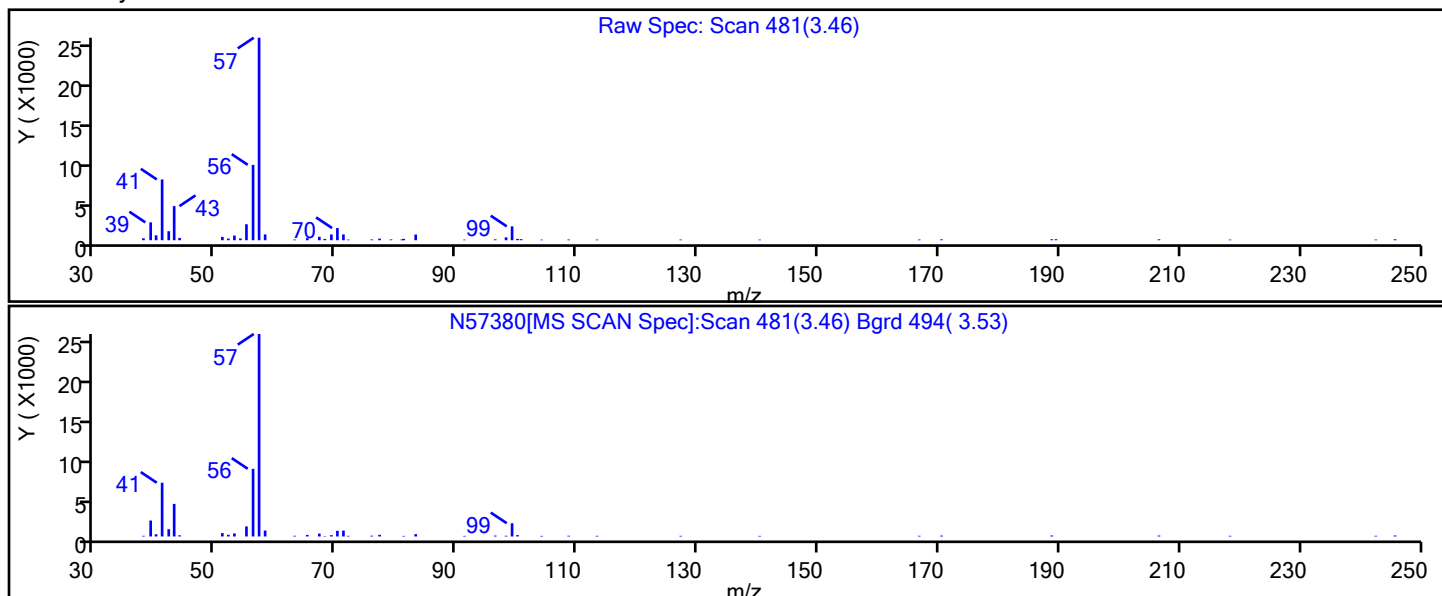
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

No Library Matches Found above the Threshold: 70



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

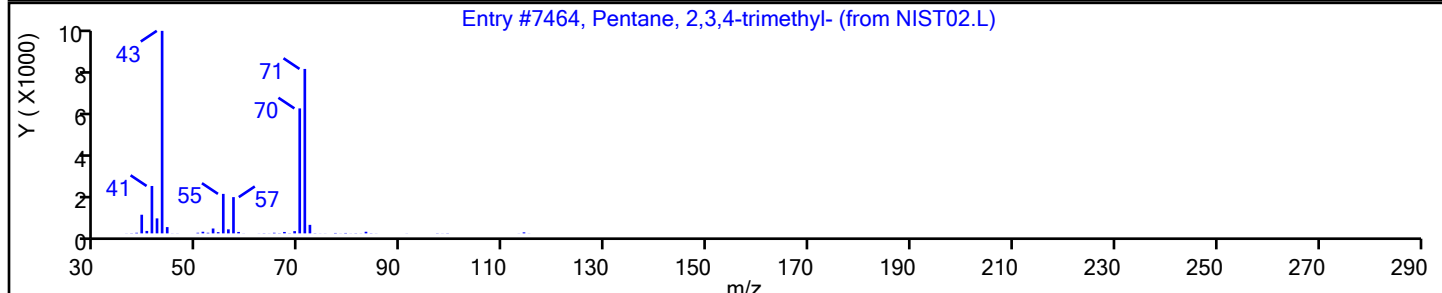
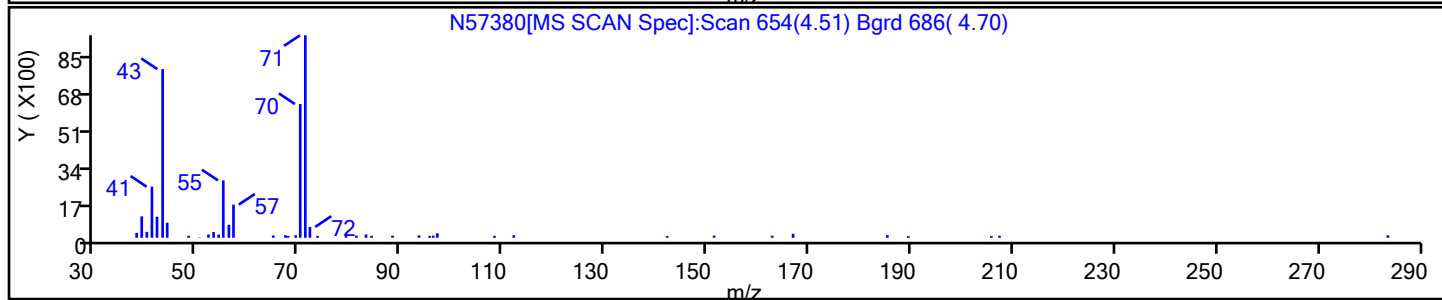
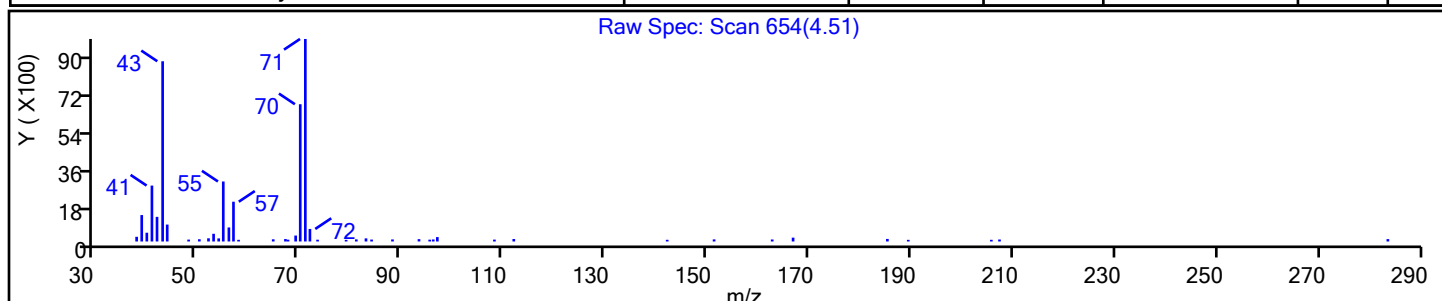
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7464	C8H18	114	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57380.D

Injection Date: 31-Oct-2022 04:26:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-2

Lab Sample ID: 460-268432-2

Client ID: SIS-MW-1

Operator ID:

ALS Bottle#: 44 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

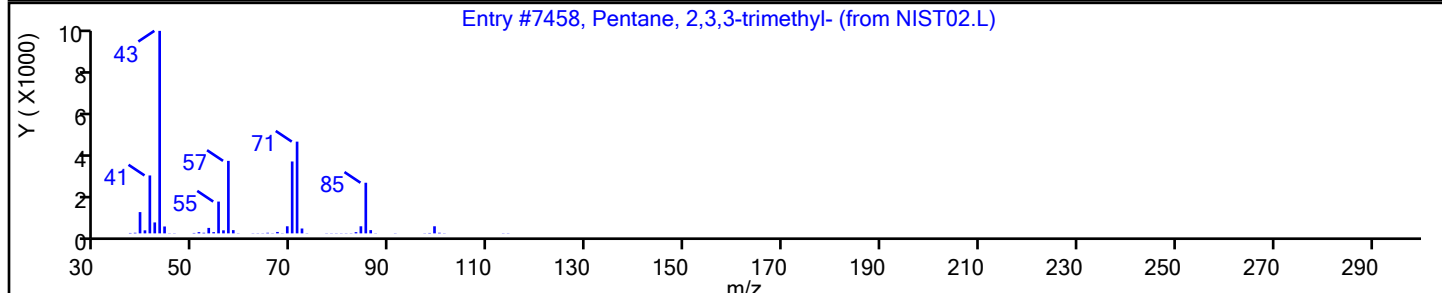
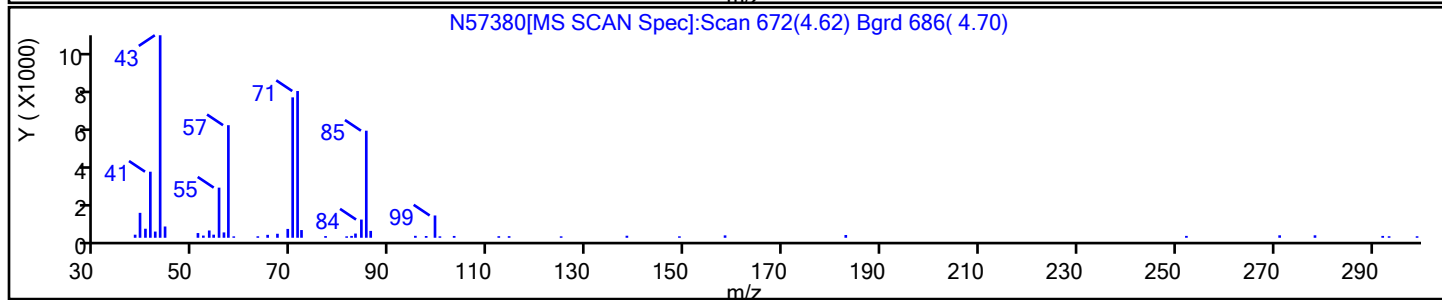
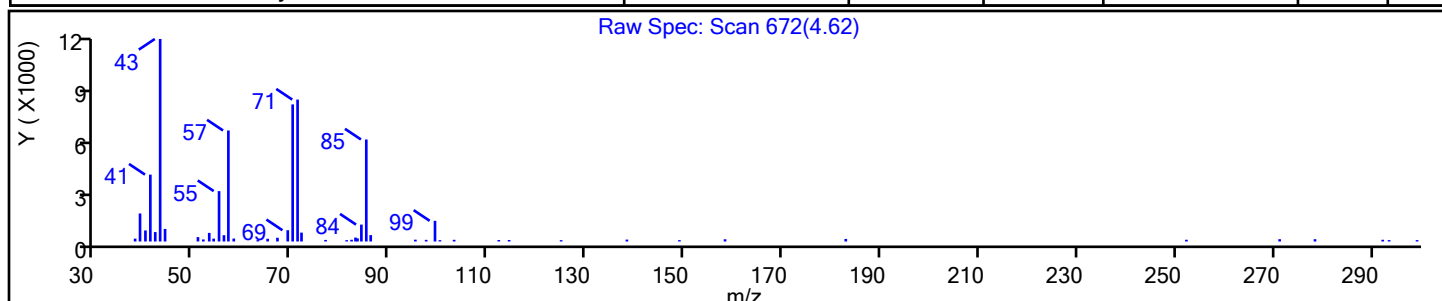
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	C8H18	114	72



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>SIS-MW-2</u>	Lab Sample ID: <u>460-268432-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57381.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 14:10</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>10/31/2022 04:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
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
87-61-6	1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
75-65-0	2-Methyl-2-propanol	10	U	10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
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
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>SIS-MW-2</u>	Lab Sample ID: <u>460-268432-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57381.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 14:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 04:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.6		1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	0.63	J	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
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
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		70-128
460-00-4	4-Bromofluorobenzene	85		76-120
1868-53-7	Dibromofluoromethane (Surr)	79		77-124
2037-26-5	Toluene-d8 (Surr)	79	*	80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>SIS-MW-2</u>	Lab Sample ID: <u>460-268432-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57381.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 14:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 04:49</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>955</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
565-59-3	Pentane, 2,3-dimethyl-	3.19	40	J N	93%
590-73-8	Hexane, 2,2-dimethyl-	3.47	300	J N	83%
565-75-3	Pentane, 2,3,4-trimethyl-	4.51	210	J N	91%
560-21-4	Pentane, 2,3,3-trimethyl-	4.62	190	J N	90%
16747-26-5	Hexane, 2,2,4-trimethyl-	5.05	29	J N	83%
538-93-2	Benzene, (2-methylpropyl)-	9.46	32	J N	91%
1074-55-1	Benzene, 1-methyl-4-propyl-	9.50	47	J N	90%
105-05-5	Benzene, 1,4-diethyl-	10.01	19	J N	97%
135-01-3	Benzene, 1,2-diethyl-	10.09	15	J N	96%
95-93-2	Benzene, 1,2,4,5-tetramethyl-	10.82	73	J N	97%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D
 Lims ID: 460-268432-B-3
 Client ID: SIS-MW-2
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:49:30 ALS Bottle#: 45 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-3
 Misc. Info.: 460-0152503-029
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:26:35 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1: Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:44:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
32 Methylene Chloride	84	1.892	1.898	-0.006	31	1646	0.6343	M
* 31 TBA-d9 (IS)	46	1.940	1.928	0.012	69	52241	1000.0	
* 43 2-Butanone-d5	46	2.701	2.695	0.006	97	192723	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	71815	39.3	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.339	3.334	0.005	82	75428	38.4	
* 67 Fluorobenzene	96	3.613	3.607	0.006	99	389988	50.0	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	46	19309	1000.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	282185	39.4	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	300682	50.0	
105 Isopropylbenzene	105	8.024	8.018	0.006	94	14827	1.60	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	90	97425	42.7	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	178559	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D
 Lims ID: 460-268432-B-3
 Client ID: SIS-MW-2
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:49:30 ALS Bottle#: 45 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-3
 Misc. Info.: 460-0152503-029
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:26:35 Calib Date: 25-Oct-2022 15:20:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 70
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666
 First Level Reviewer: KG2Q Date: 31-Oct-2022 07:44:36

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
565-59-3	Pentane, 2,3-dimethyl-							
3.187	646077	39.7	67	93	3912	C7H16	100	
590-73-8	Hexane, 2,2-dimethyl-							
3.473	4847282	297.6	67	83	7454	C8H18	114	
565-75-3	Pentane, 2,3,4-trimethyl-							
4.514	3352514	205.8	67	91	7464	C8H18	114	
560-21-4	Pentane, 2,3,3-trimethyl-							
4.623	3119505	191.5	67	90	7458	C8H18	114	
16747-26-5	Hexane, 2,2,4-trimethyl-							
5.049	468651	28.8	67	83	12310	C9H20	128	
538-93-2	Benzene, (2-methylpropyl)-							
9.460	655422	32.2	122	91	14336	C10H14	134	
1074-55-1	Benzene, 1-methyl-4-propyl-							
9.496	958828	47.1	122	90	14347	C10H14	134	
105-05-5	Benzene, 1,4-diethyl-							
10.007	396664	19.5	122	97	14328	C10H14	134	
135-01-3	Benzene, 1,2-diethyl-							
10.092	314186	15.4	122	96	14329	C10H14	134	
95-93-2	Benzene, 1,2,4,5-tetramethyl-							
10.816	1485121	72.9	122	97	14355	C10H14	134	

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 67 Fluorobenzene	3.613	814396	50.0
* 122 1,4-Dichlorobenzene-d4	9.648	1018370	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Worklist Smp#: 29

Client ID: SIS-MW-2

Purge Vol: 5.000 mL

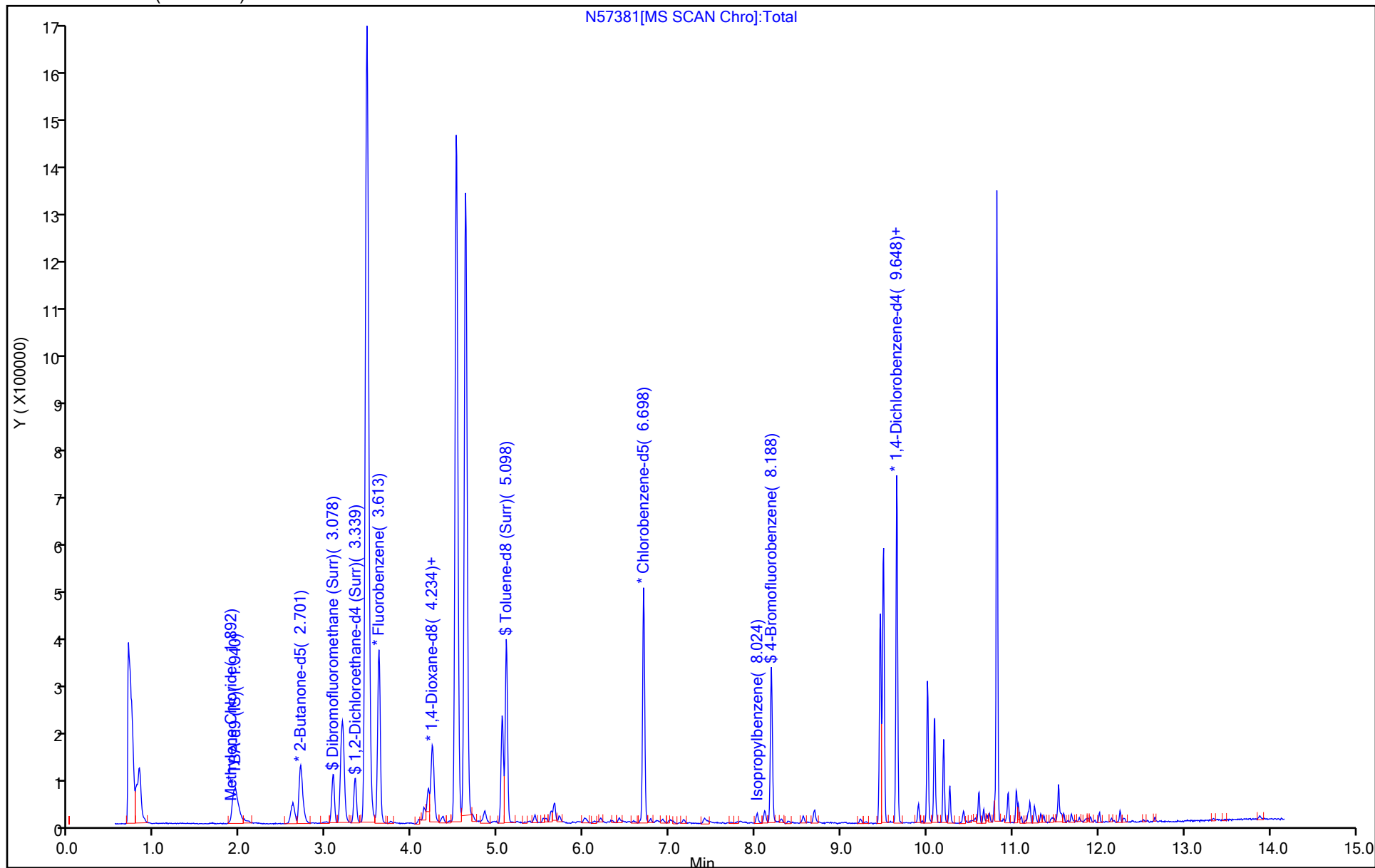
Dil. Factor: 1.0000

ALS Bottle#: 45

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D
 Lims ID: 460-268432-B-3
 Client ID: SIS-MW-2
 Sample Type: Client
 Inject. Date: 31-Oct-2022 04:49:30 ALS Bottle#: 45 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-3
 Misc. Info.: 460-0152503-029
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:26:35 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:44:36

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	39.3	78.59
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	38.4	76.80
\$ 84 Toluene-d8 (Surr)	50.0	39.4	78.79
\$ 106 4-Bromofluorobenzene	50.0	42.7	85.43

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#: 45 Worklist Smp#: 29

Purge Vol: 5.000 mL

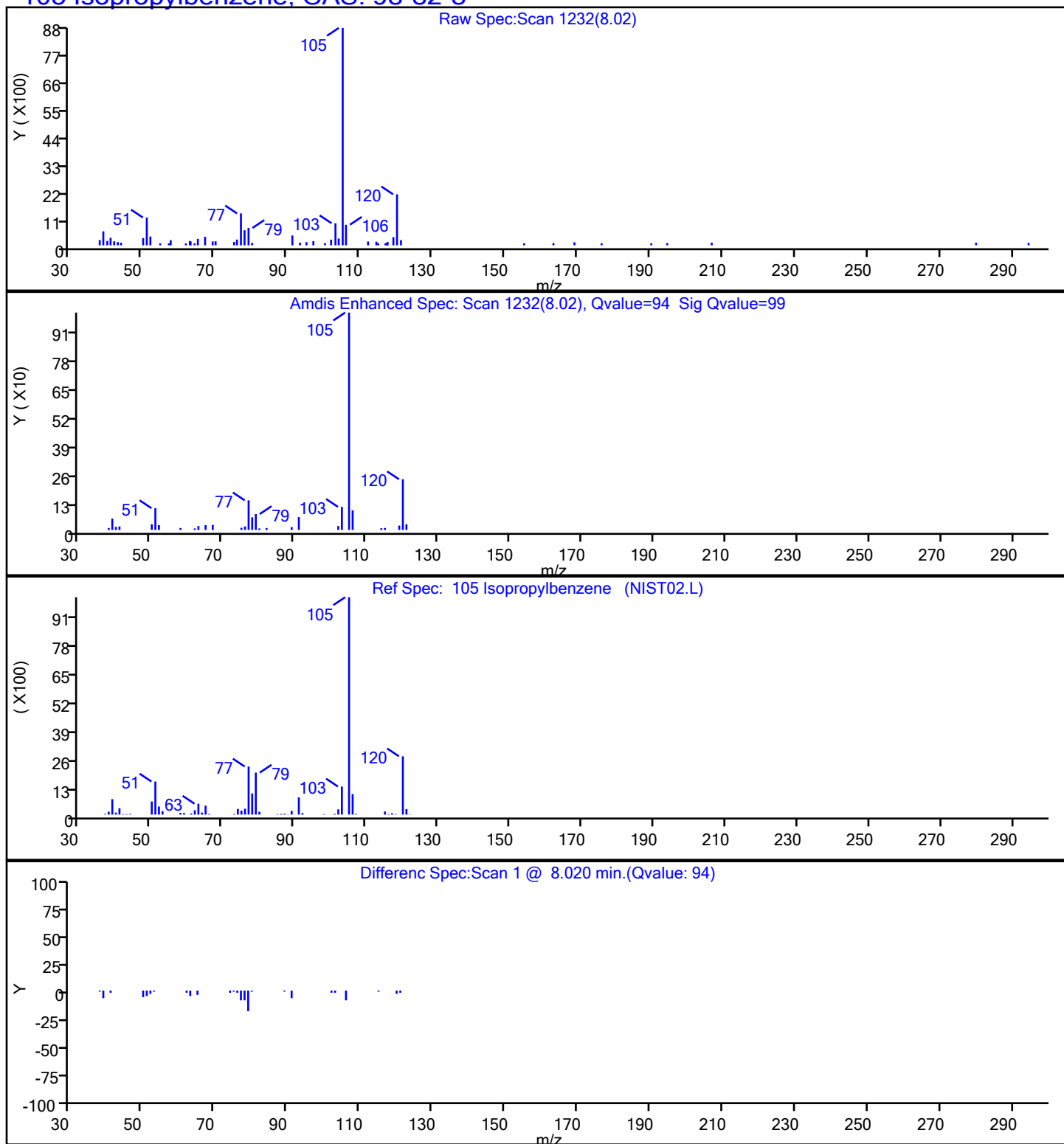
Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

105 Isopropylbenzene, CAS: 98-82-8

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#: 45 Worklist Smp#: 29

Purge Vol: 5.000 mL

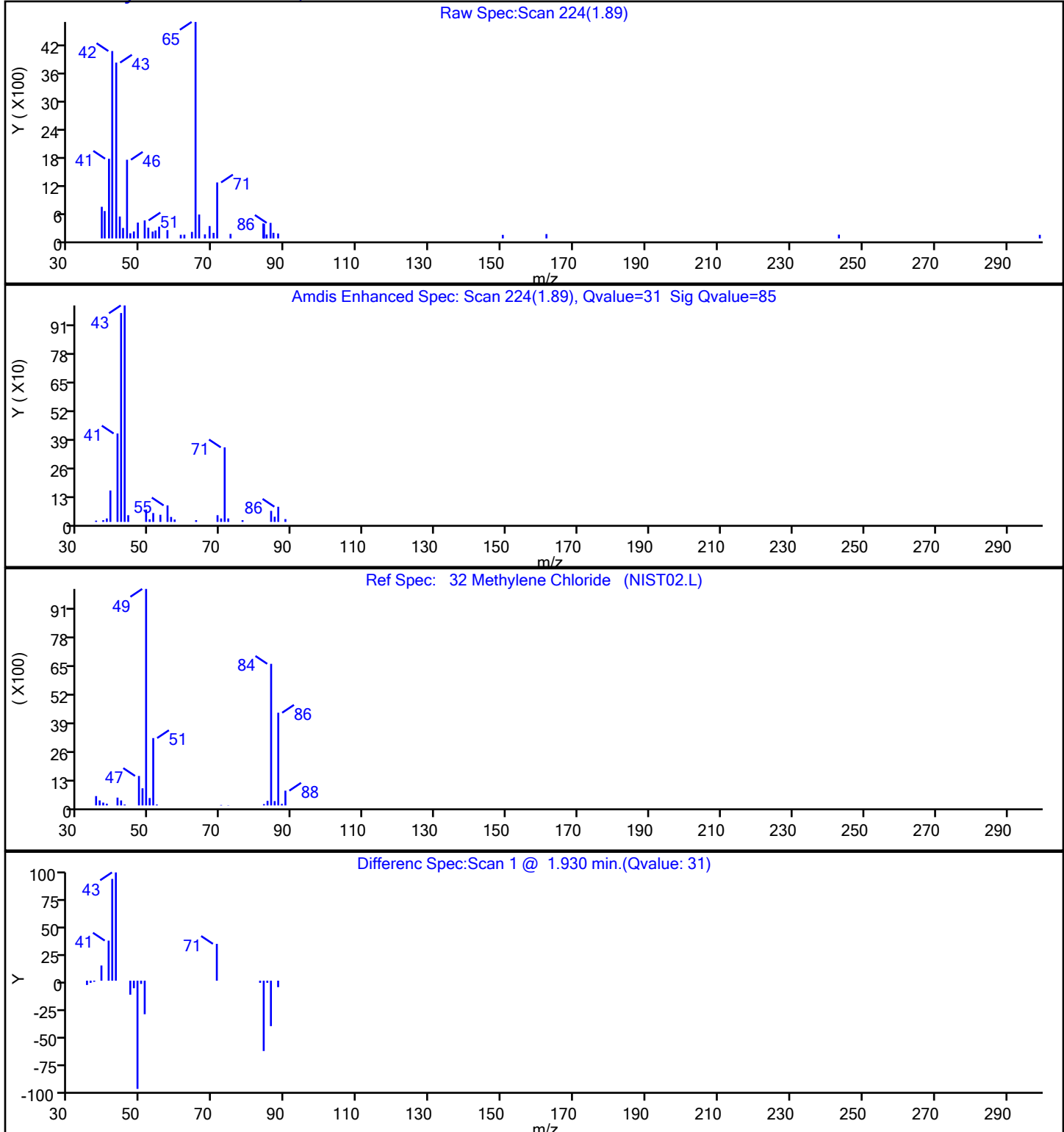
Dil. Factor: 1.0000

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

32 Methylene Chloride, CAS: 75-09-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

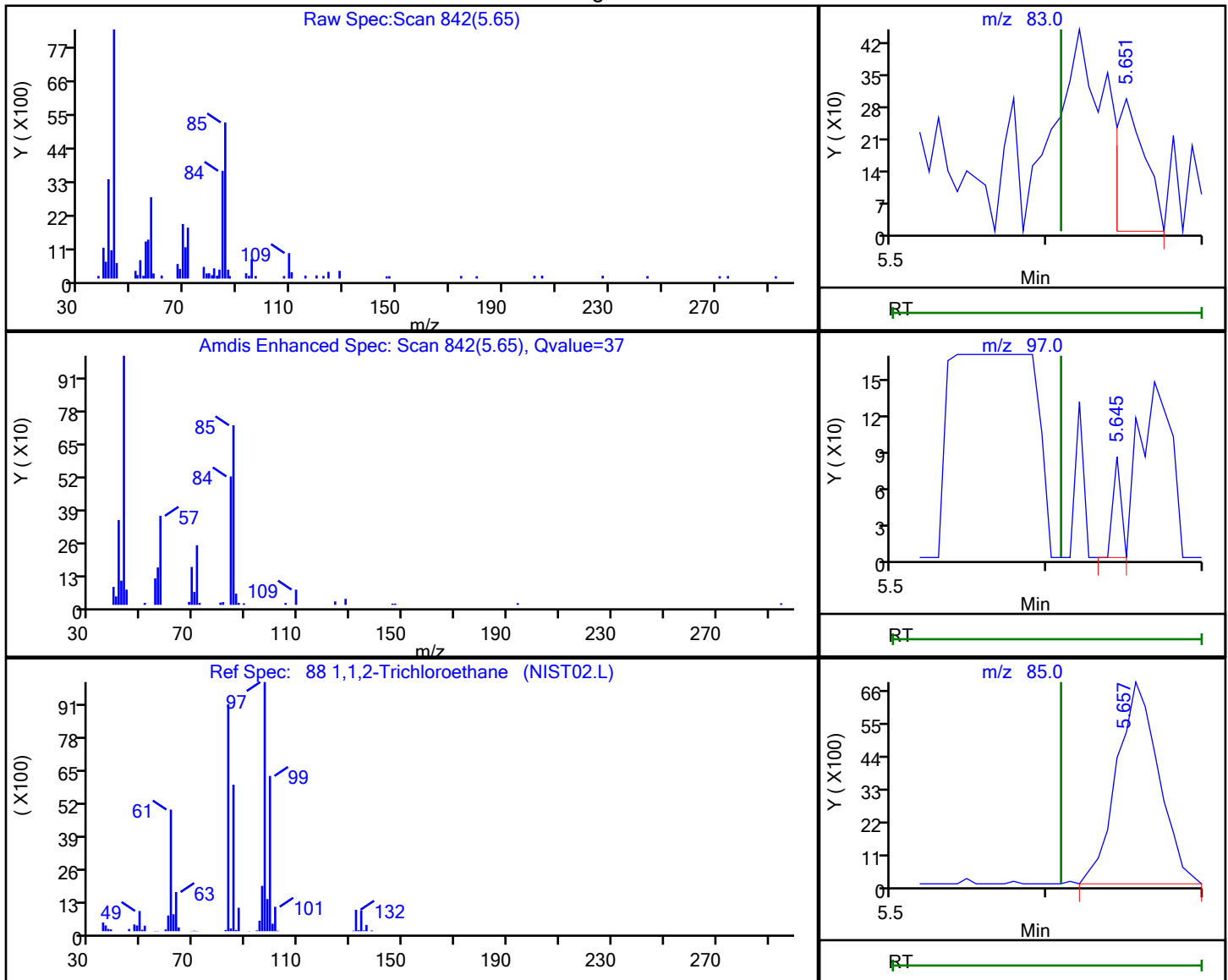
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

88 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
5.65	83.00	376	0.215511
5.65	97.00	30	
5.66	85.00	12926	

Reviewer: KG2Q, 31-Oct-2022 07:44:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

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

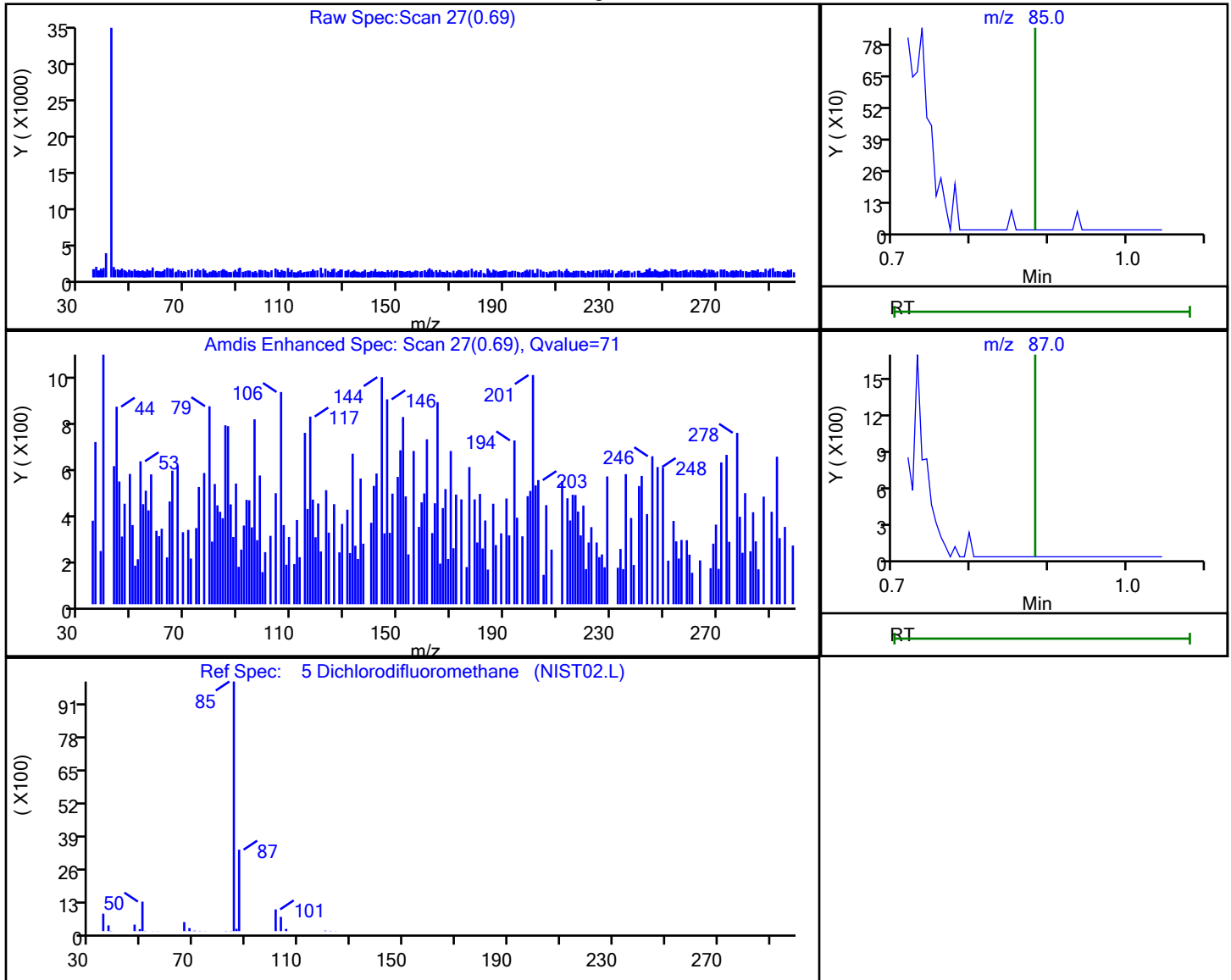
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.69	85.00	2902	0.857839
0.70	87.00	1272	

Reviewer: KG2Q, 31-Oct-2022 07:44:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_11

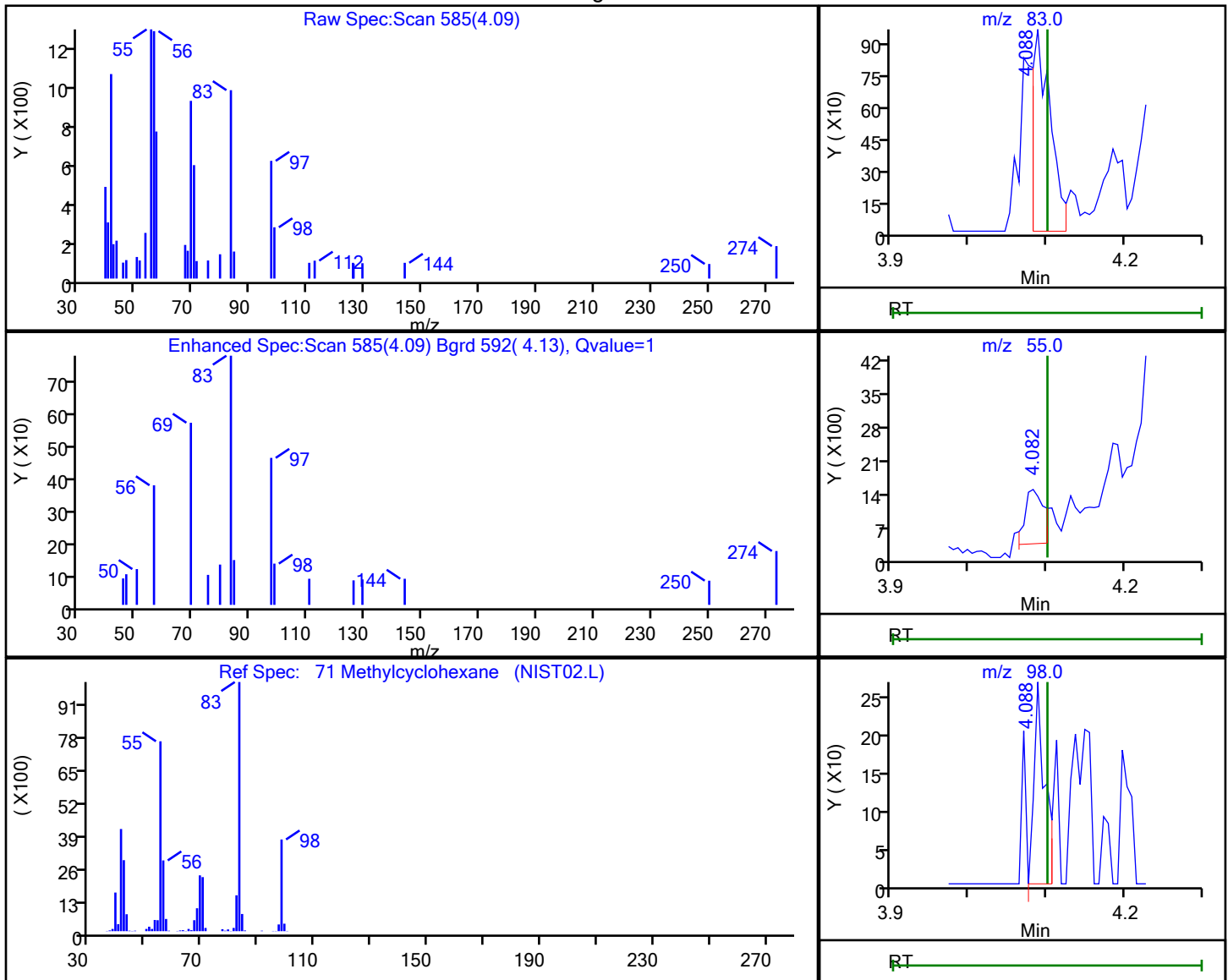
Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

71 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.09	83.00	1568	0.531340
4.08	55.00	1972	
4.09	98.00	260	

Reviewer: W9CM, 01-Nov-2022 23:26:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

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)

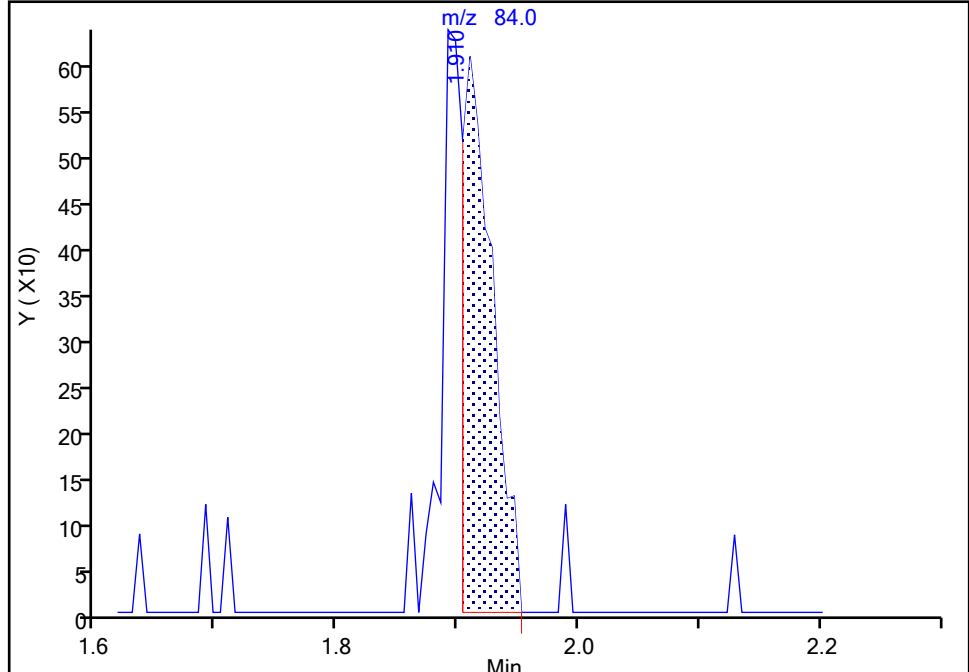
Detector: MS SCAN

32 Methylene Chloride, CAS: 75-09-2

Signal: 1

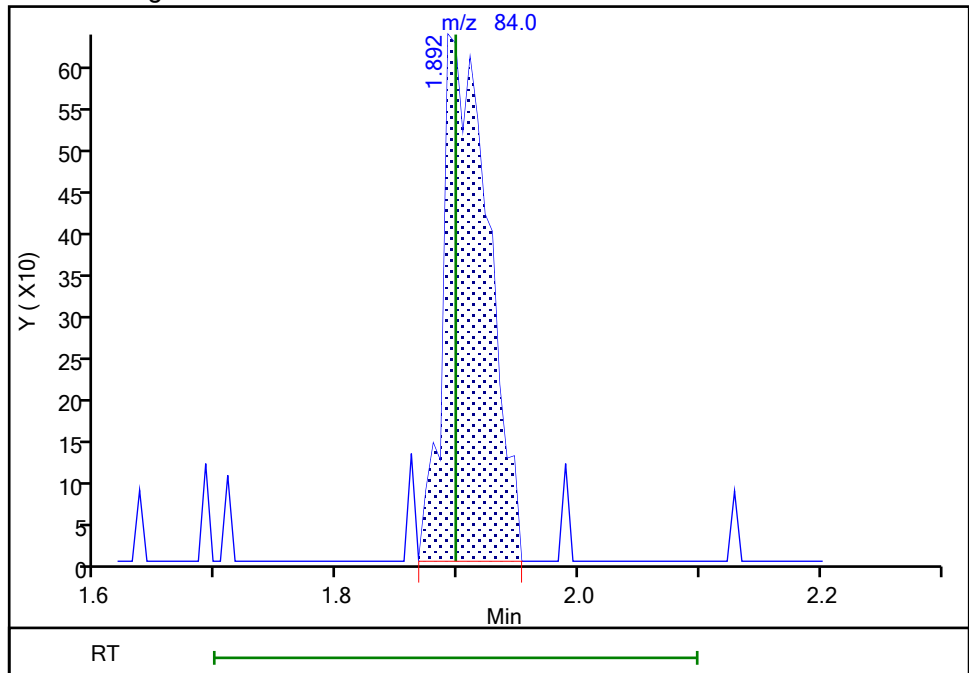
RT: 1.91
Area: 1063
Amount: 0.409604
Amount Units: ug/l

Processing Integration Results



RT: 1.89
Area: 1646
Amount: 0.634251
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:25:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#: 45 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

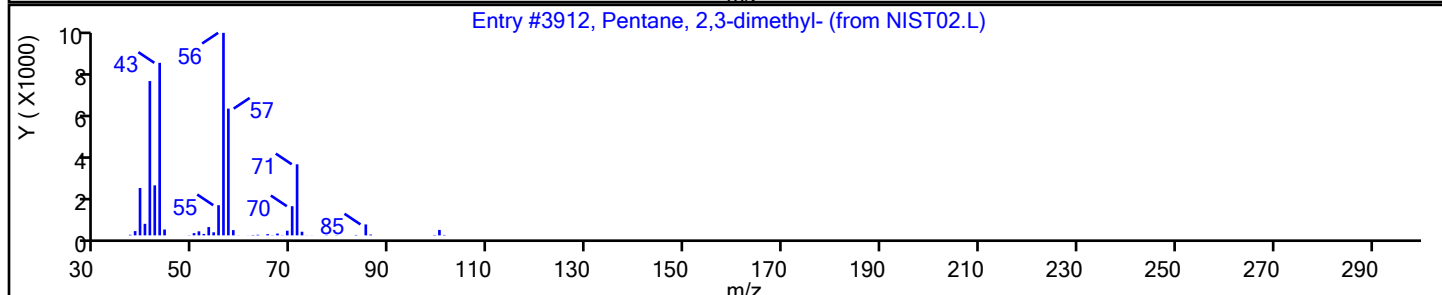
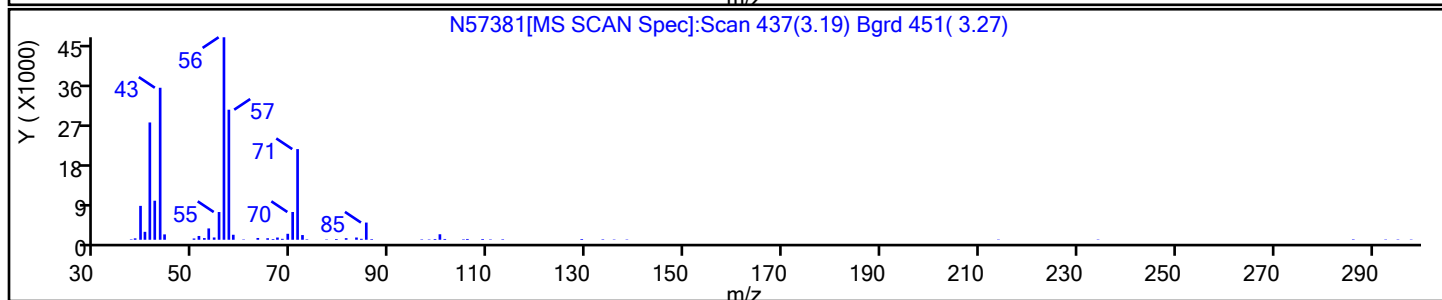
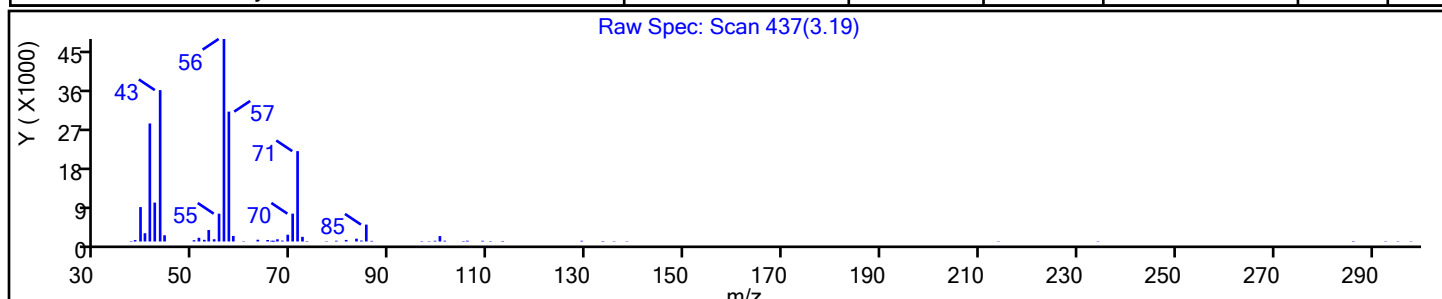
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3-dimethyl-	565-59-3	NIST02.L	3912	C7H16	100	93



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

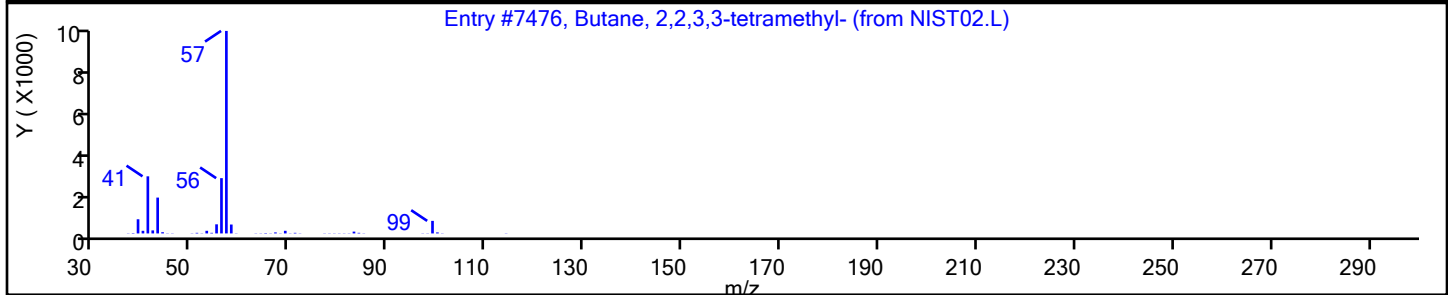
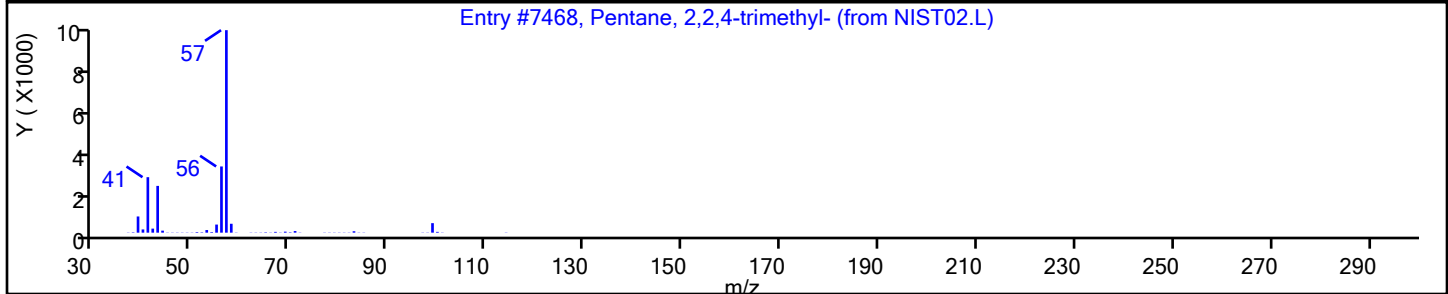
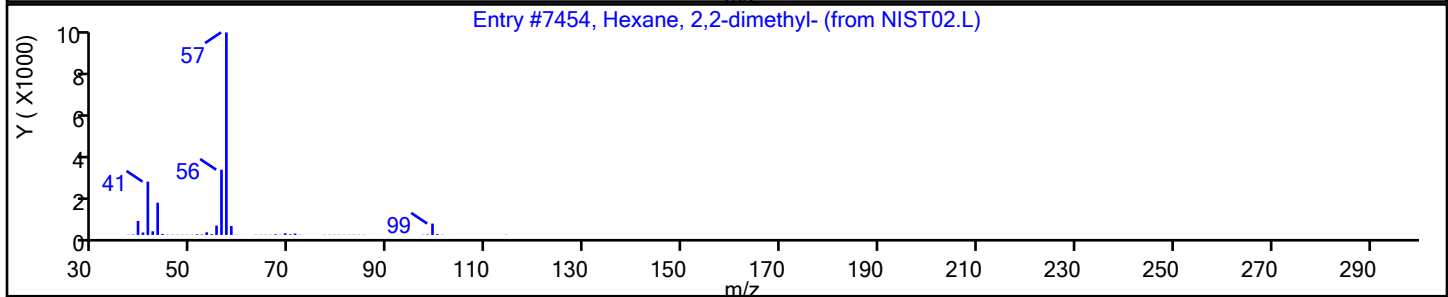
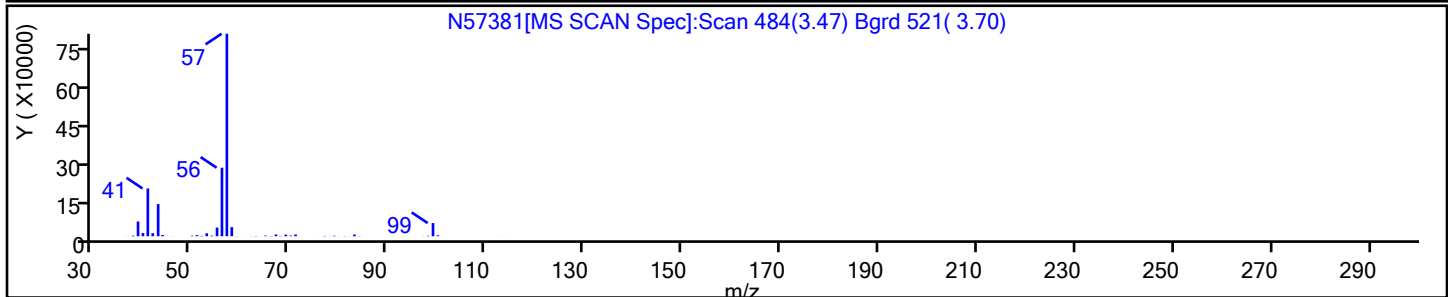
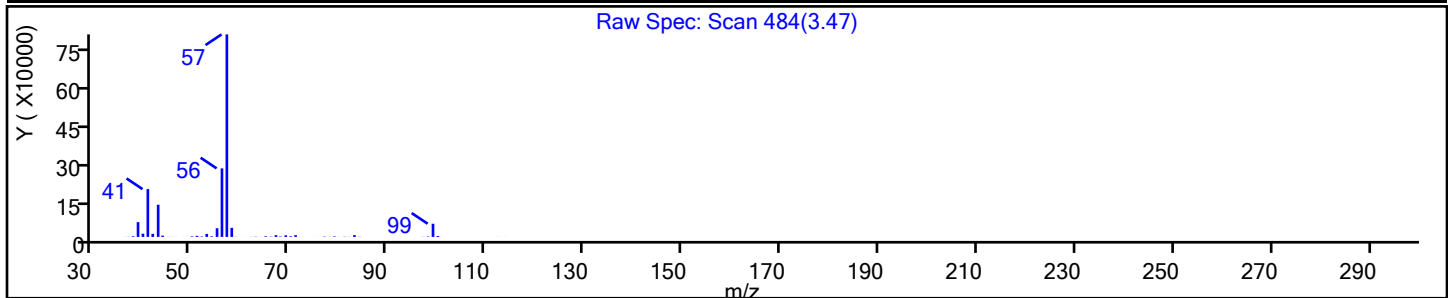
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2,2-dimethyl-	590-73-8	NIST02.L	7454	C8H18	114	83
Pentane, 2,2,4-trimethyl-	540-84-1	NIST02.L	7468	C8H18	114	83
Butane, 2,2,3,3-tetramethyl-	594-82-1	NIST02.L	7476	C8H18	114	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

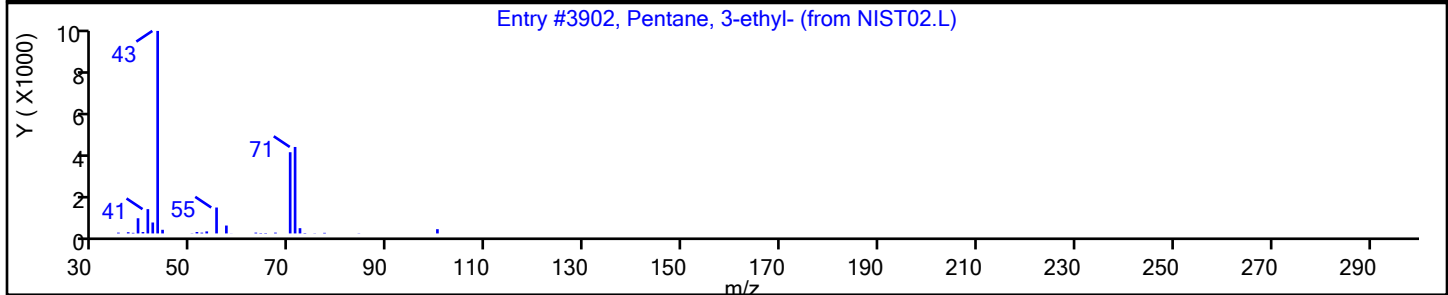
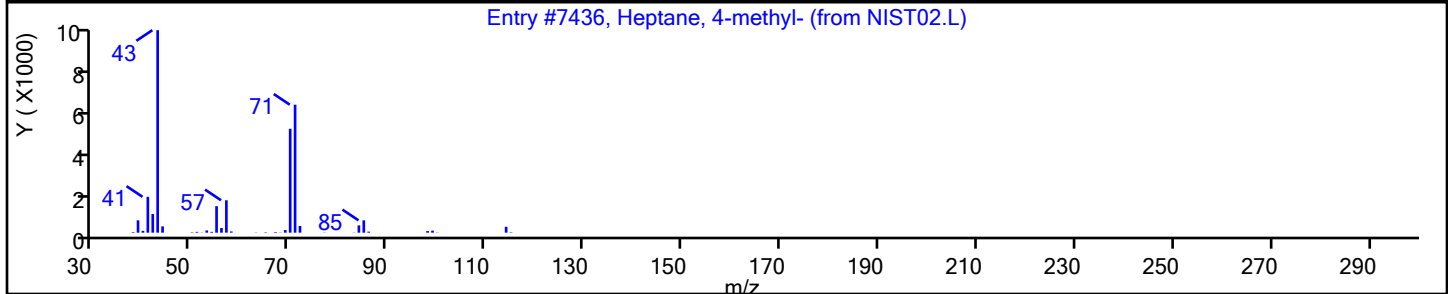
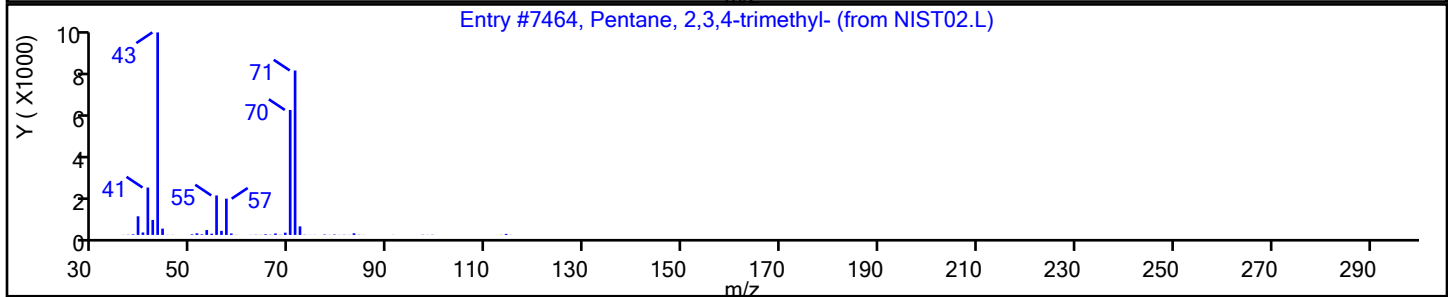
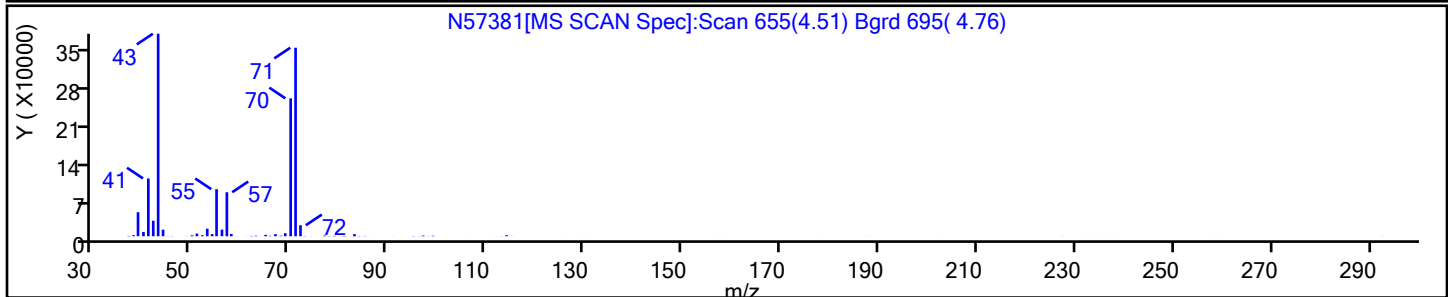
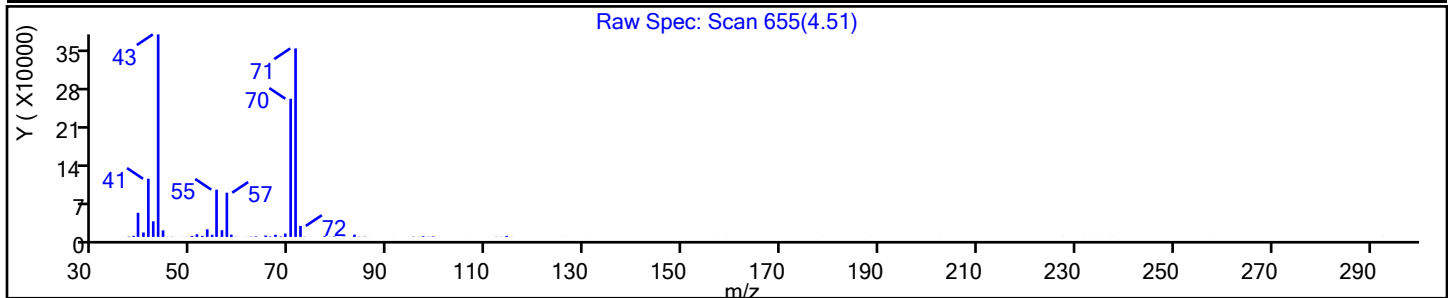
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7464	C8H18	114	91
Heptane, 4-methyl-	589-53-7	NIST02.L	7436	C8H18	114	83
Pentane, 3-ethyl-	617-78-7	NIST02.L	3902	C7H16	100	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

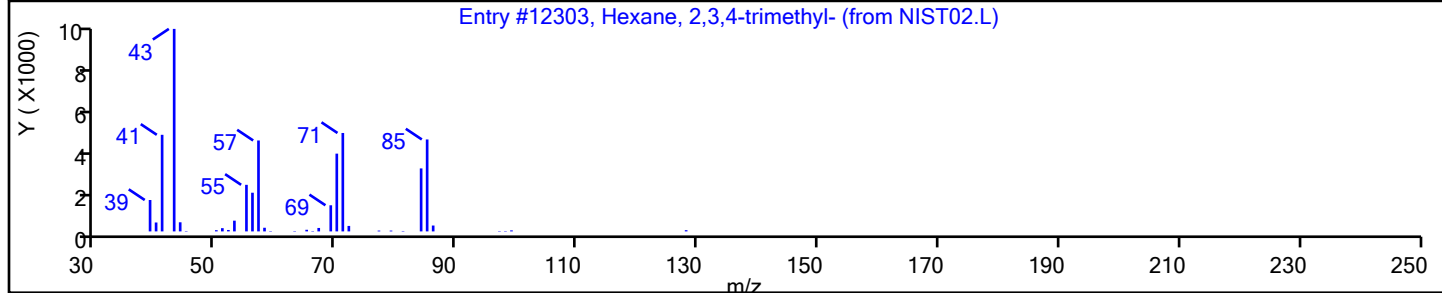
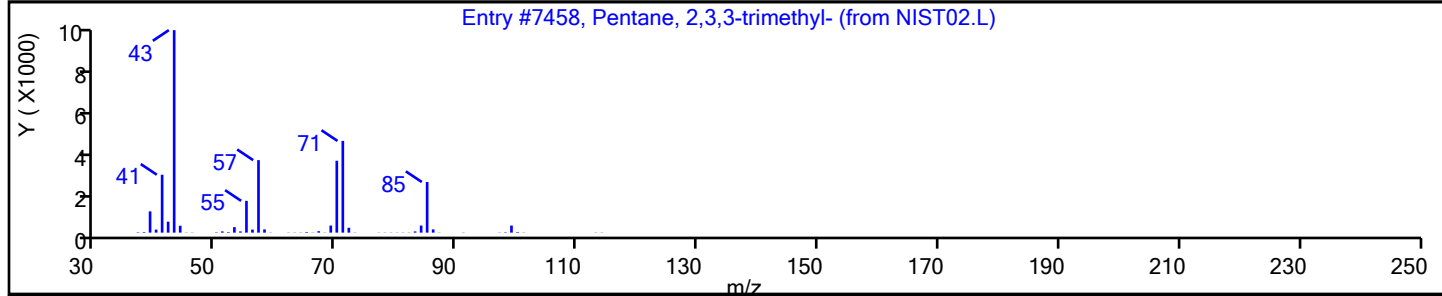
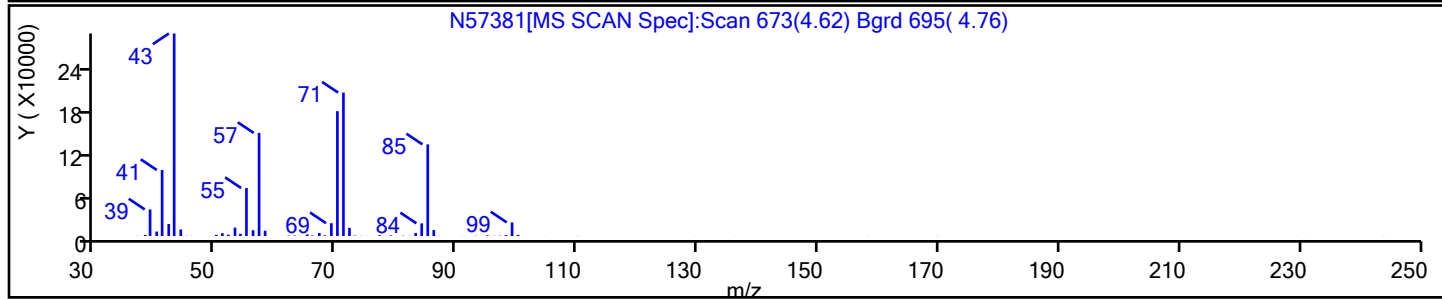
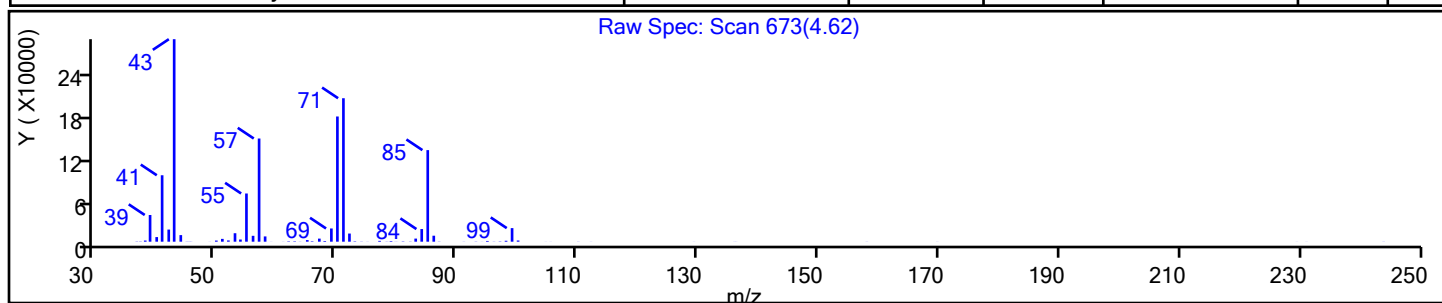
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,3-trimethyl-	560-21-4	NIST02.L	7458	C8H18	114	90
Hexane, 2,3,4-trimethyl-	921-47-1	NIST02.L	12303	C9H20	128	78



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#: 45 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

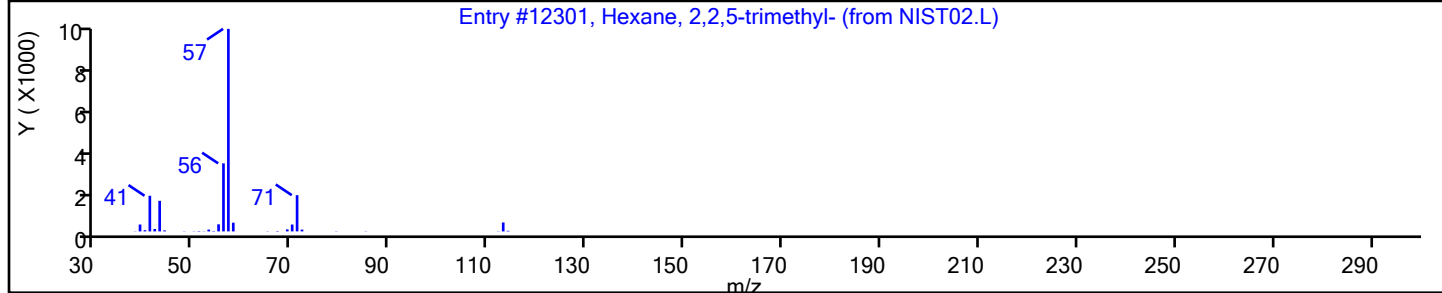
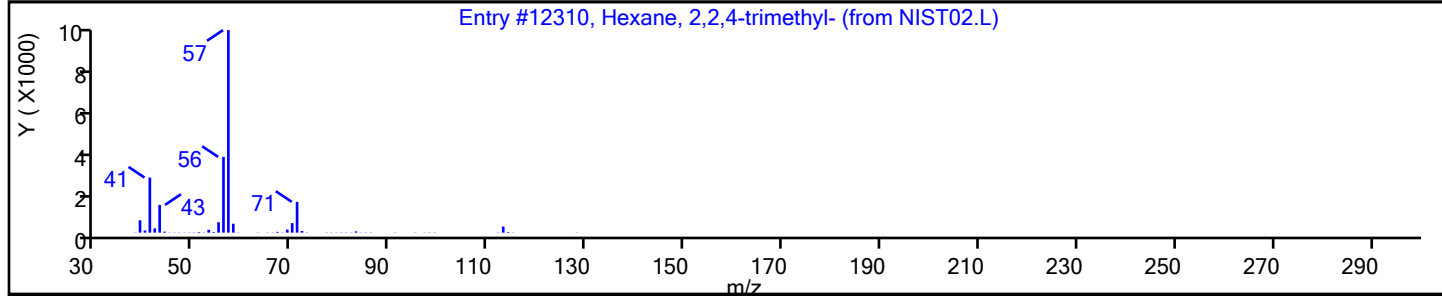
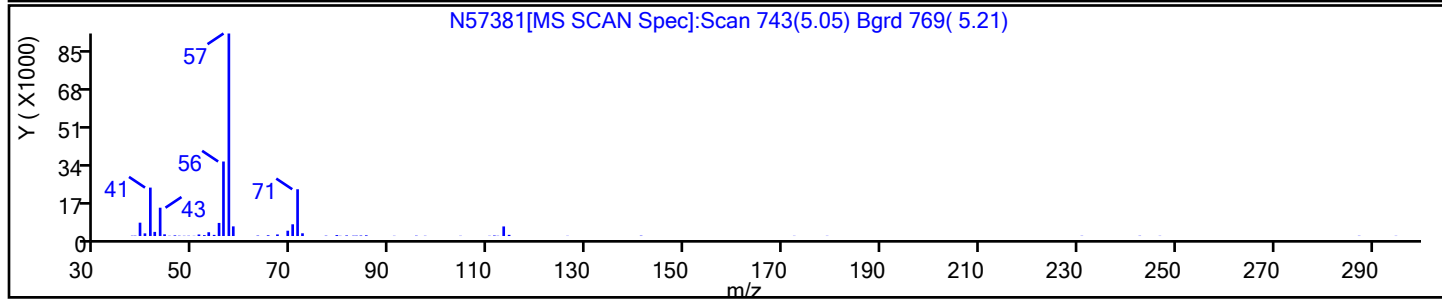
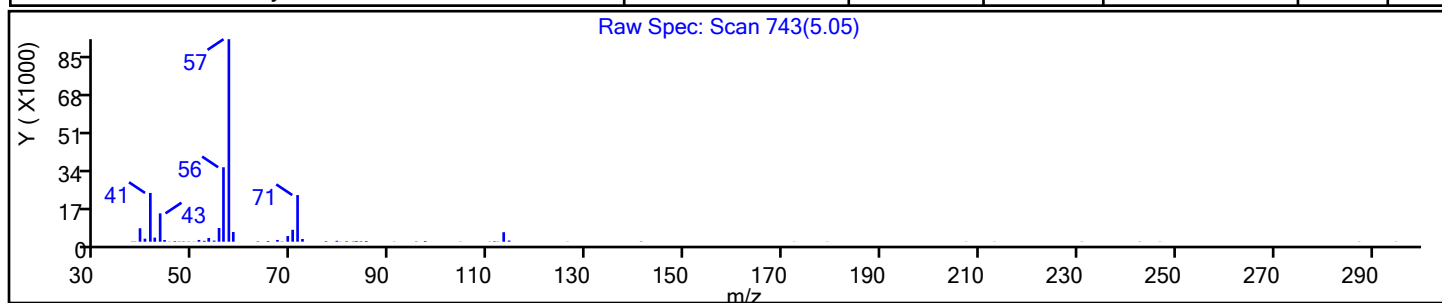
Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 2,2,4-trimethyl-	16747-26-5	NIST02.L	12310	C9H20	128	83
Hexane, 2,2,5-trimethyl-	3522-94-9	NIST02.L	12301	C9H20	128	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

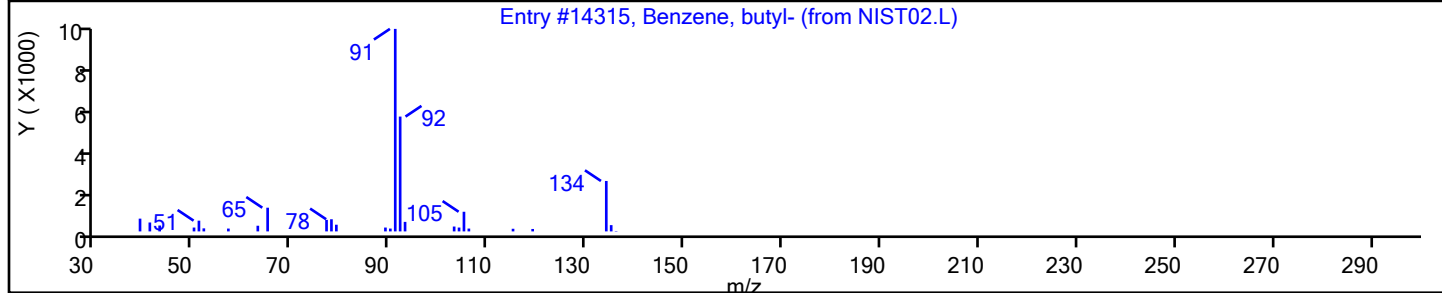
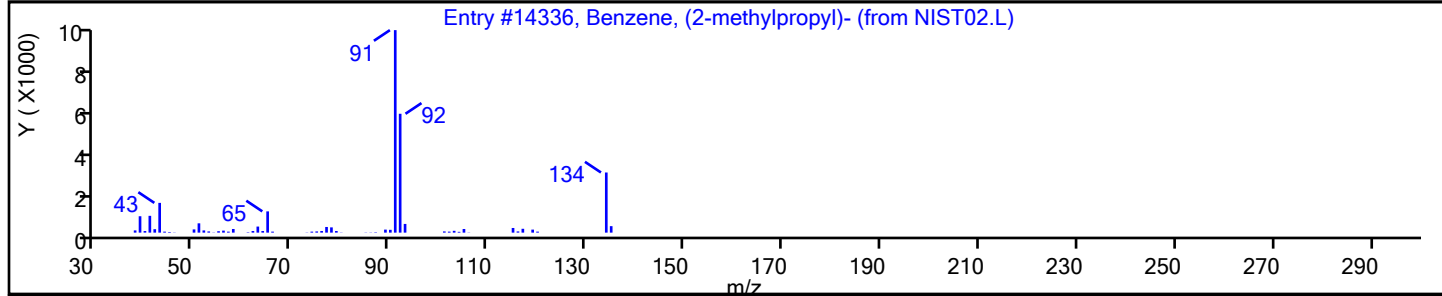
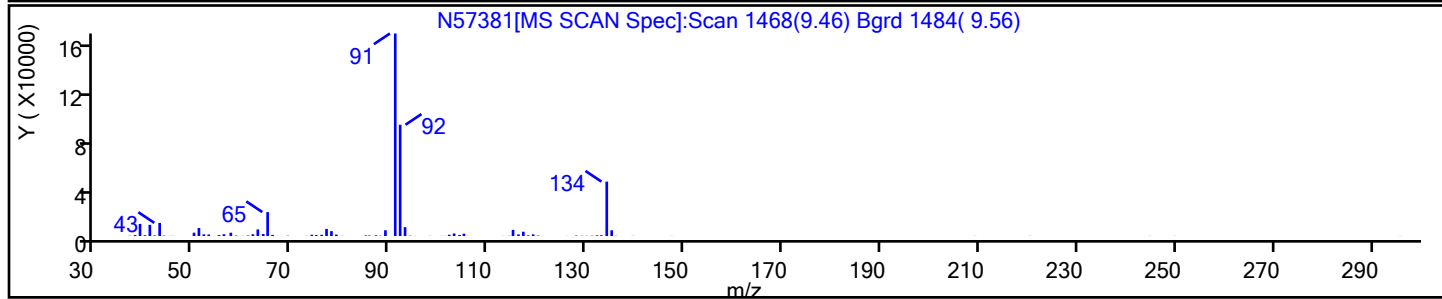
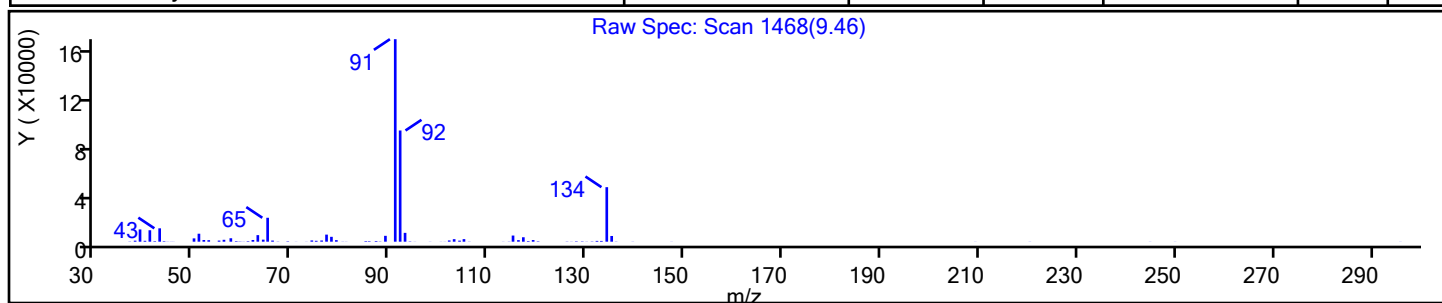
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (2-methylpropyl)-	538-93-2	NIST02.L	14336	C10H14	134	91
Benzene, butyl-	104-51-8	NIST02.L	14315	C10H14	134	78



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

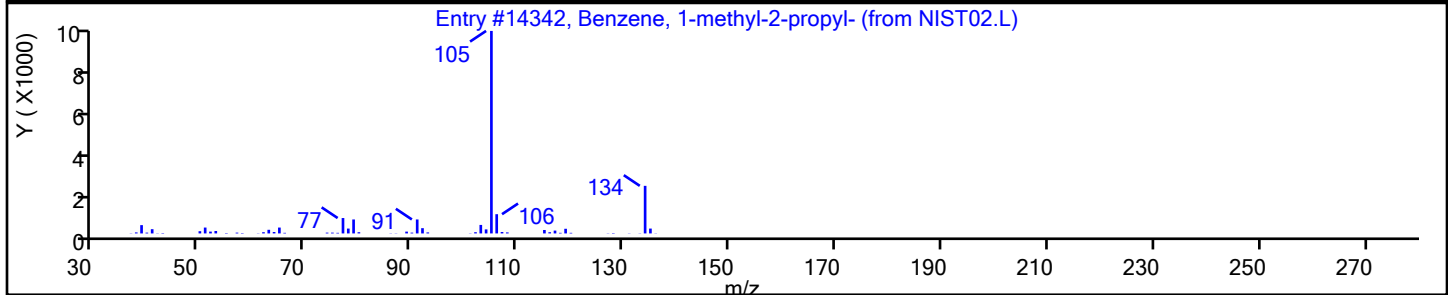
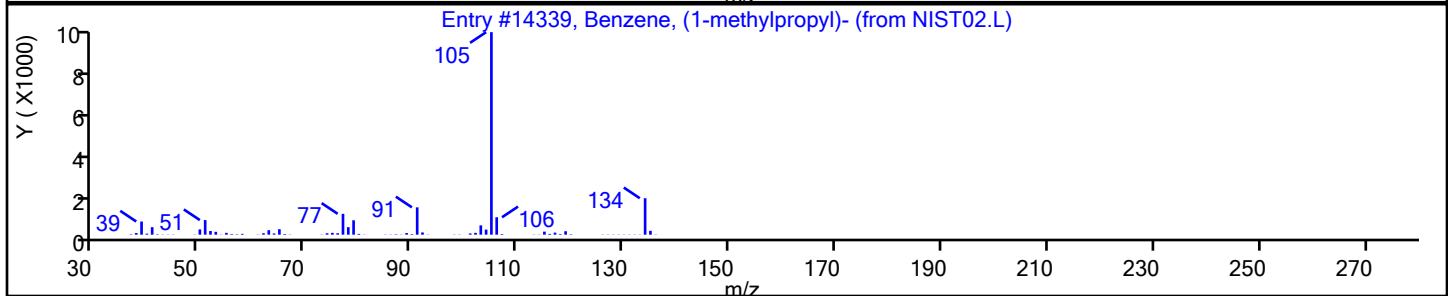
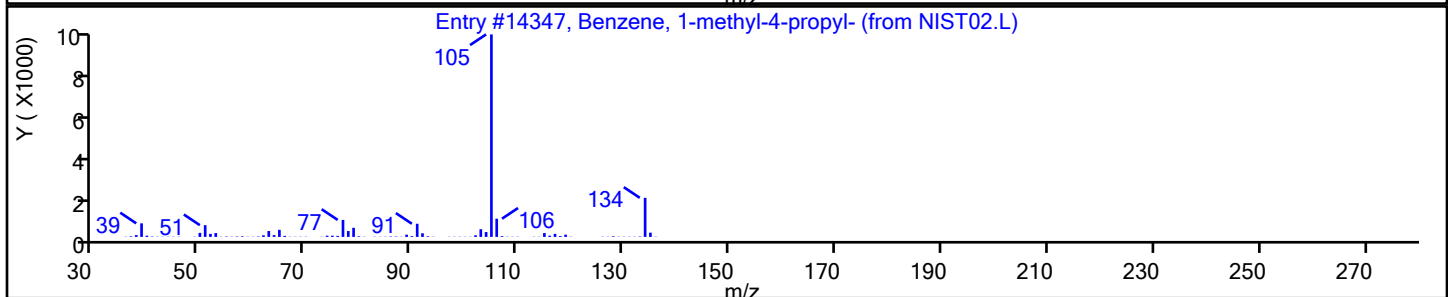
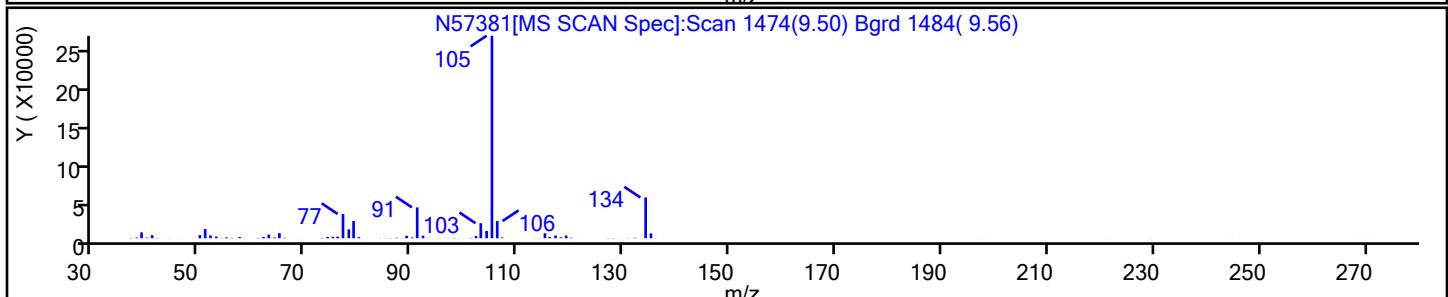
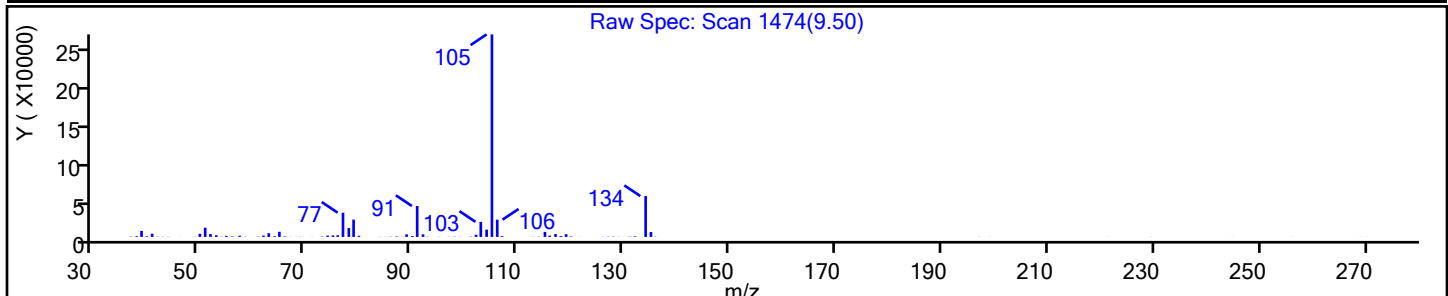
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-propyl-	1074-55-1	NIST02.L	14347	C10H14	134	90
Benzene, (1-methylpropyl)-	135-98-8	NIST02.L	14339	C10H14	134	90
Benzene, 1-methyl-2-propyl-	1074-17-5	NIST02.L	14342	C10H14	134	90



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

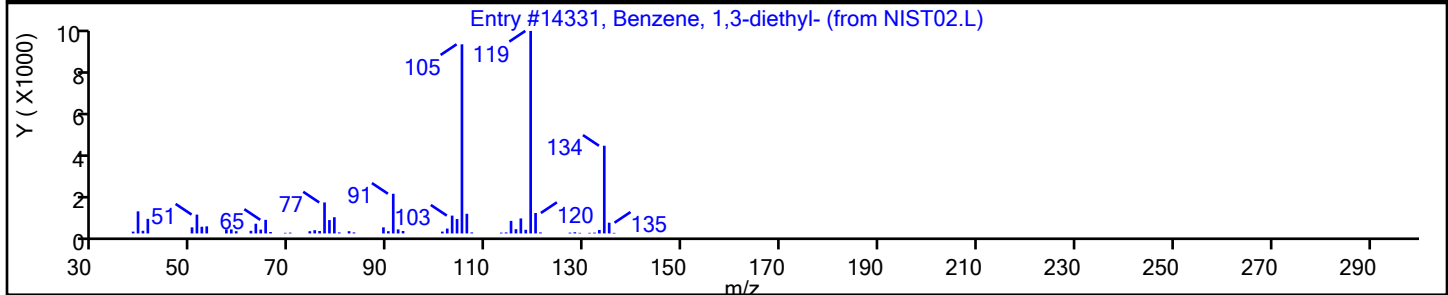
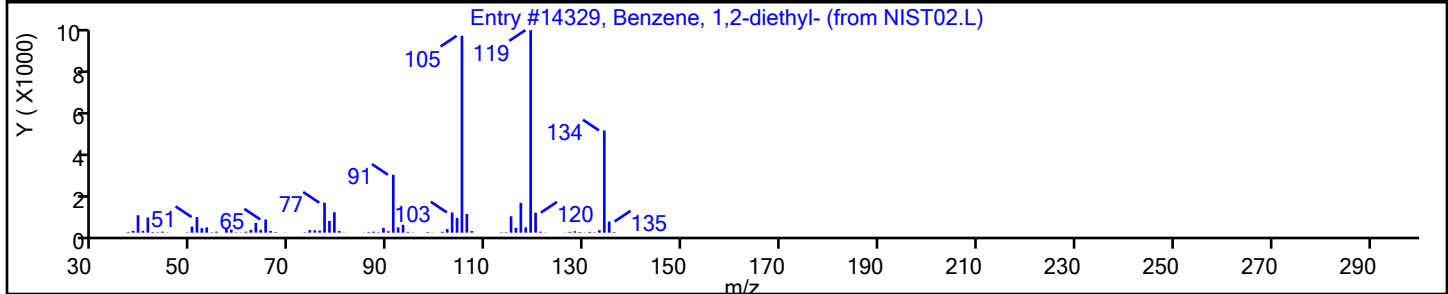
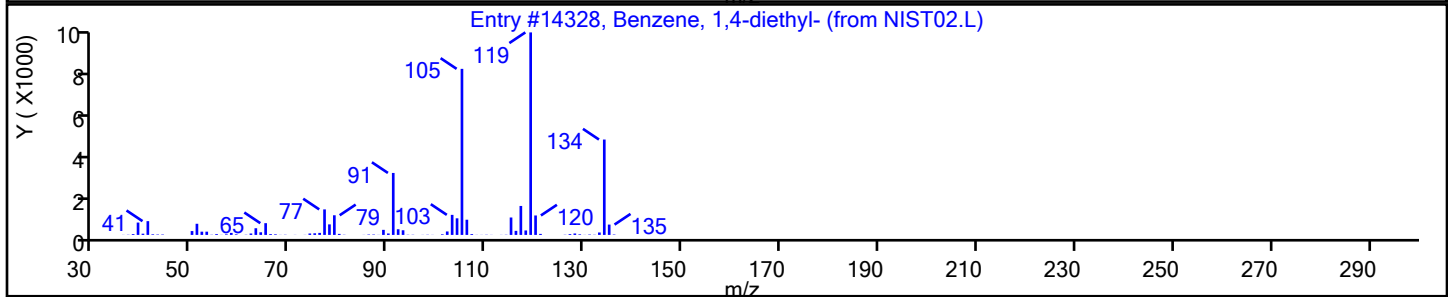
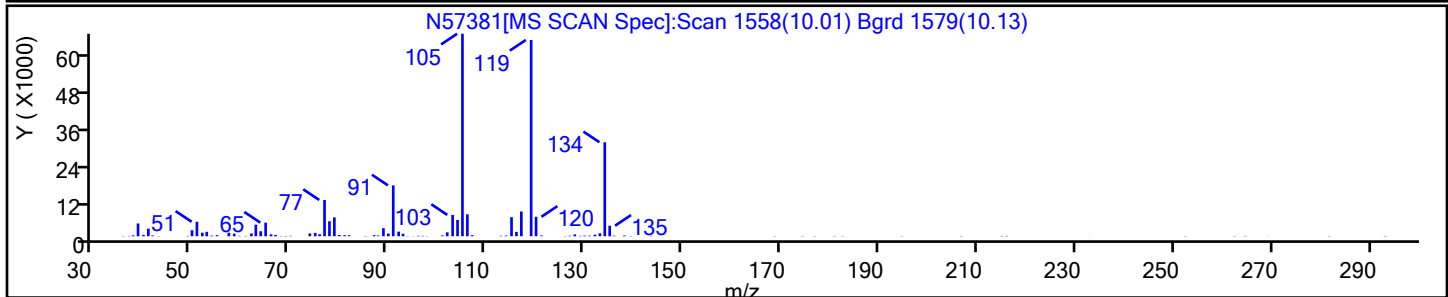
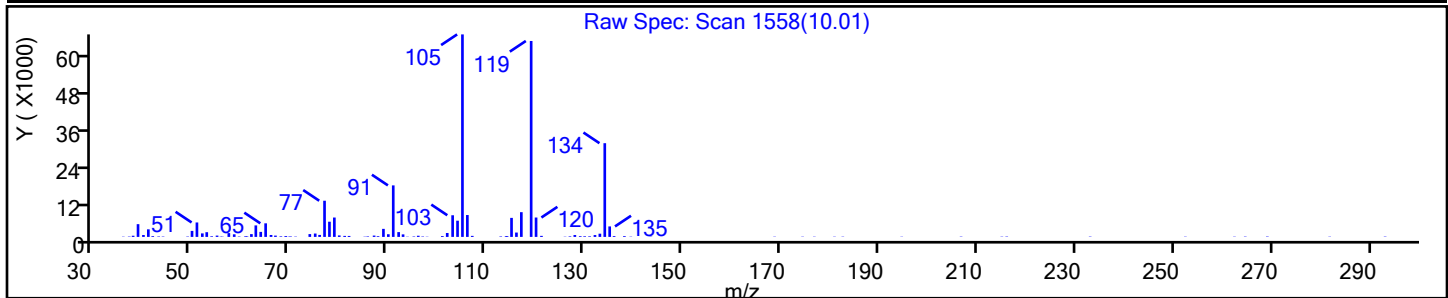
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,4-diethyl-	105-05-5	NIST02.L	14328	C10H14	134	97
Benzene, 1,2-diethyl-	135-01-3	NIST02.L	14329	C10H14	134	96
Benzene, 1,3-diethyl-	141-93-5	NIST02.L	14331	C10H14	134	95



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

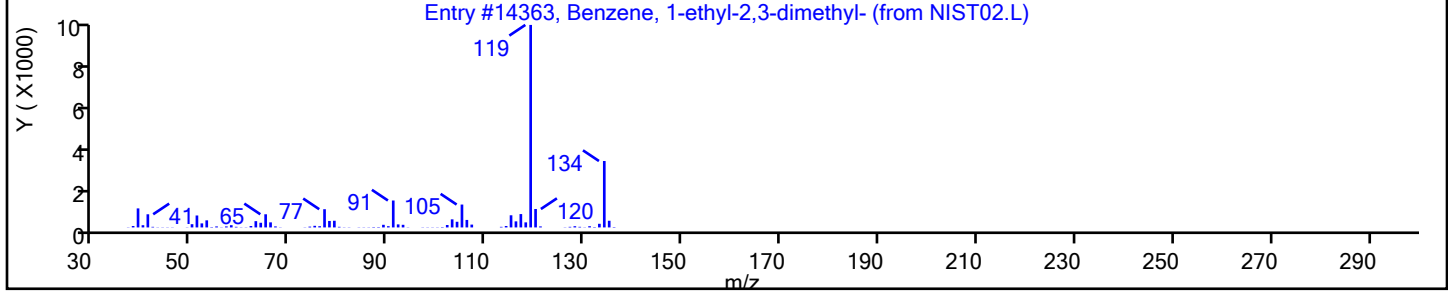
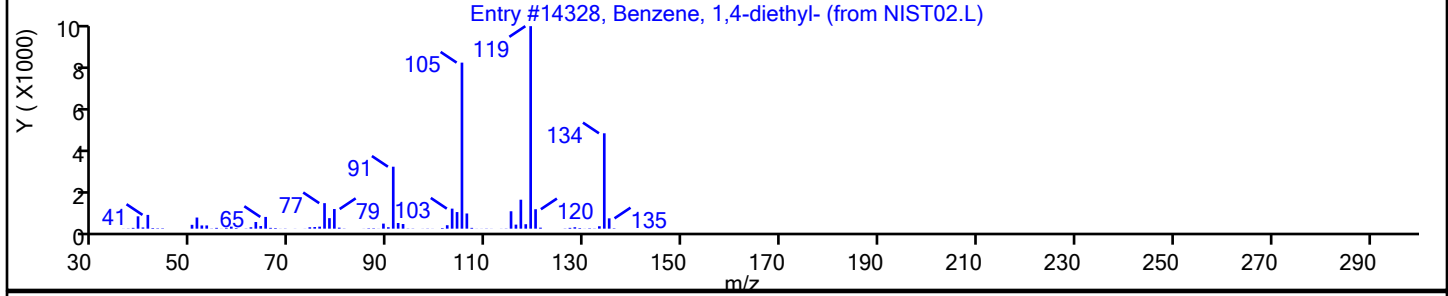
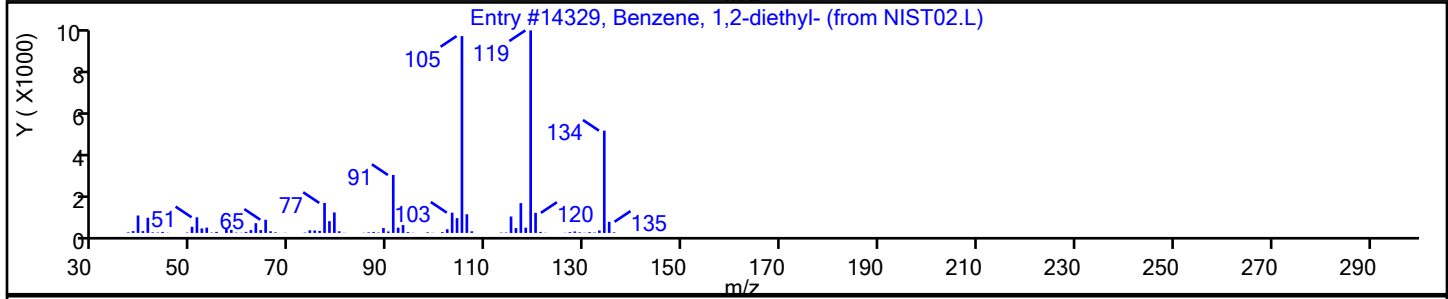
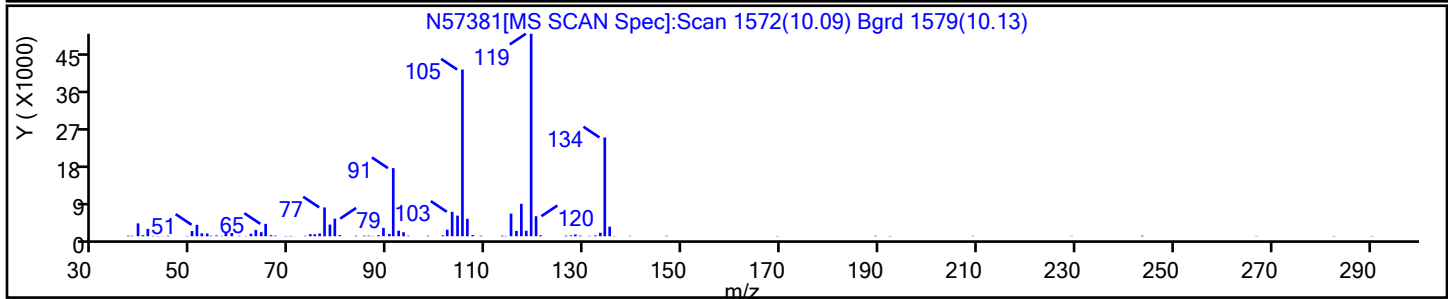
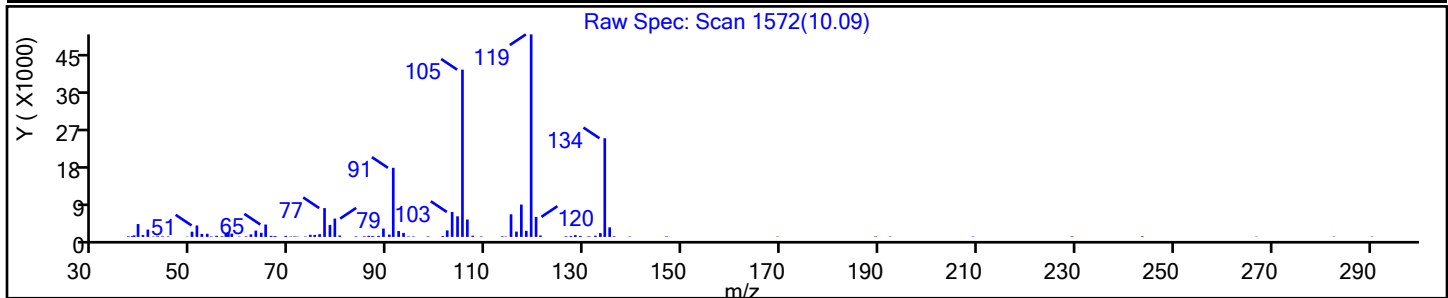
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2-diethyl-	135-01-3	NIST02.L	14329	C10H14	134	96
Benzene, 1,4-diethyl-	105-05-5	NIST02.L	14328	C10H14	134	96
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.L	14363	C10H14	134	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57381.D

Injection Date: 31-Oct-2022 04:49:30

Instrument ID: CVOAMS11

Lims ID: 460-268432-B-3

Lab Sample ID: 460-268432-3

Client ID: SIS-MW-2

Operator ID:

ALS Bottle#:

45

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

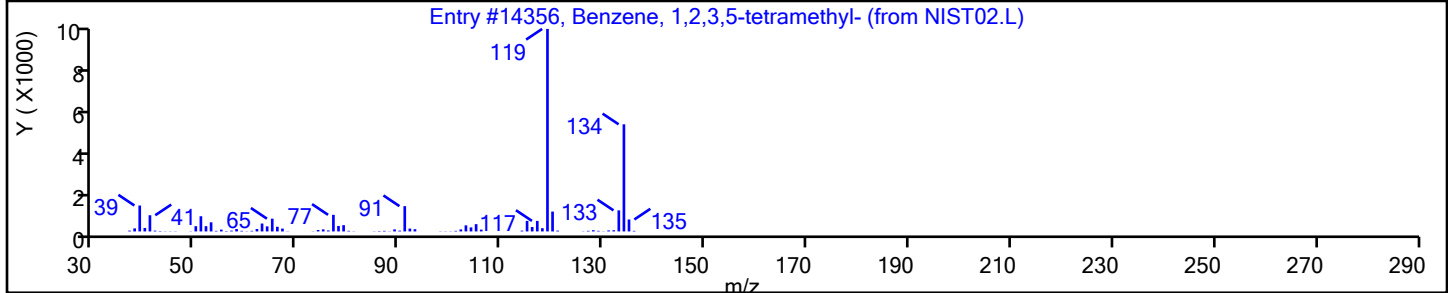
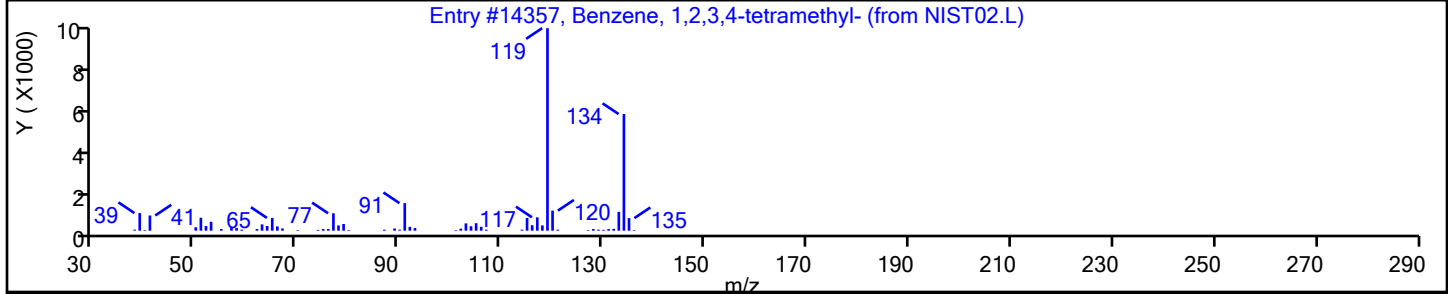
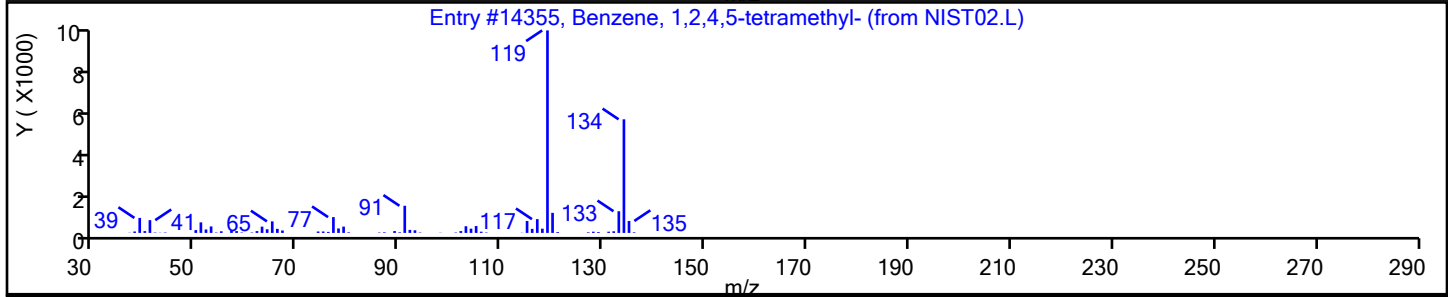
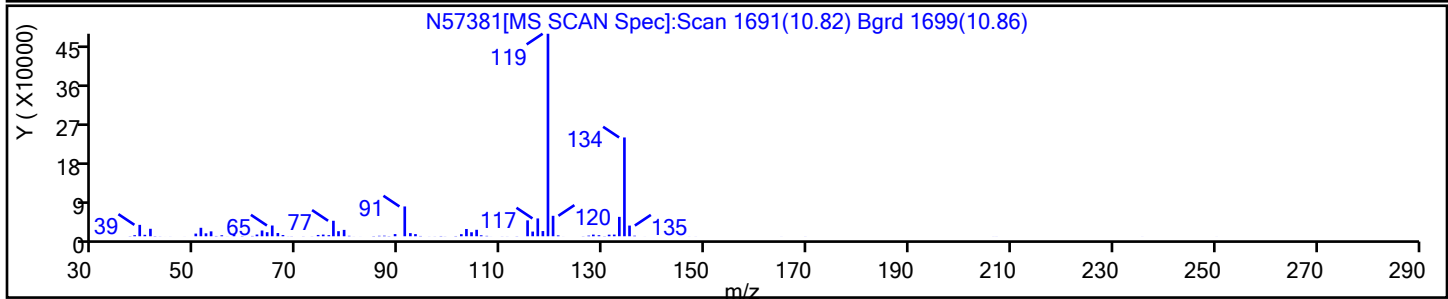
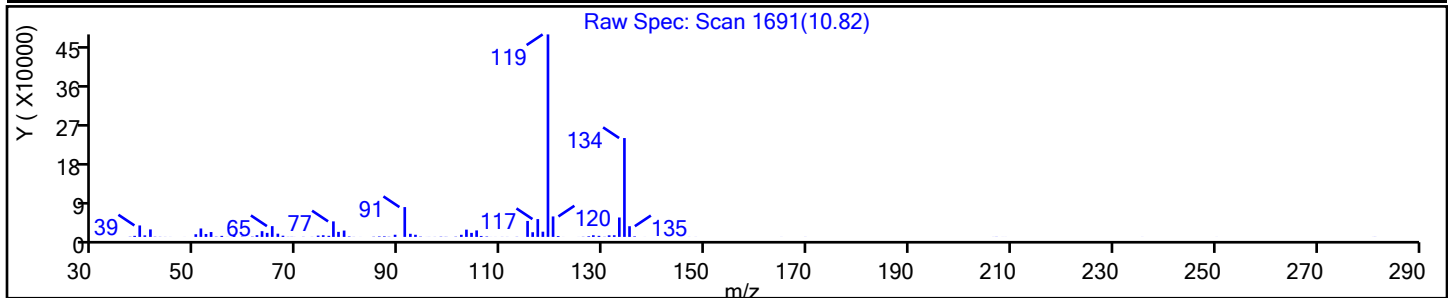
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	97
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14357	C10H14	134	97
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14356	C10H14	134	96



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522</u>	Lab Sample ID: <u>460-268432-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57367.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>10/30/2022 23:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
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
87-61-6	1,2,3-Trichlorobenzene	1.0	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
75-65-0	2-Methyl-2-propanol	10	U	10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
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
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522</u>	Lab Sample ID: <u>460-268432-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57367.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 23:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
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
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522</u>	Lab Sample ID: <u>460-268432-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57367.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 23:29</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57367.D
 Lims ID: 460-268432-B-4
 Client ID: FB-102522
 Sample Type: Client
 Inject. Date: 30-Oct-2022 23:29:30 ALS Bottle#: 31 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-4
 Misc. Info.: 460-0152503-015
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 07:44:36 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1: Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1610

First Level Reviewer: C1JX

Date: 31-Oct-2022 00:08:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	1.940	1.953	-0.013	69	47196	1000.0	
* 43 2-Butanone-d5	46	2.701	2.689	0.012	97	171209	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	83822	51.2	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.328	0.005	82	89002	50.6	
* 67 Fluorobenzene	96	3.613	3.607	0.006	99	349099	50.0	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	76	15882	1000.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	310317	48.1	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	271058	50.0	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	91	106754	51.9	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	94	151529	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57367.D

Injection Date: 30-Oct-2022 23:29:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: 460-268432-B-4

Lab Sample ID: 460-268432-4

Worklist Smp#: 15

Client ID: FB-102522

Purge Vol: 5.000 mL

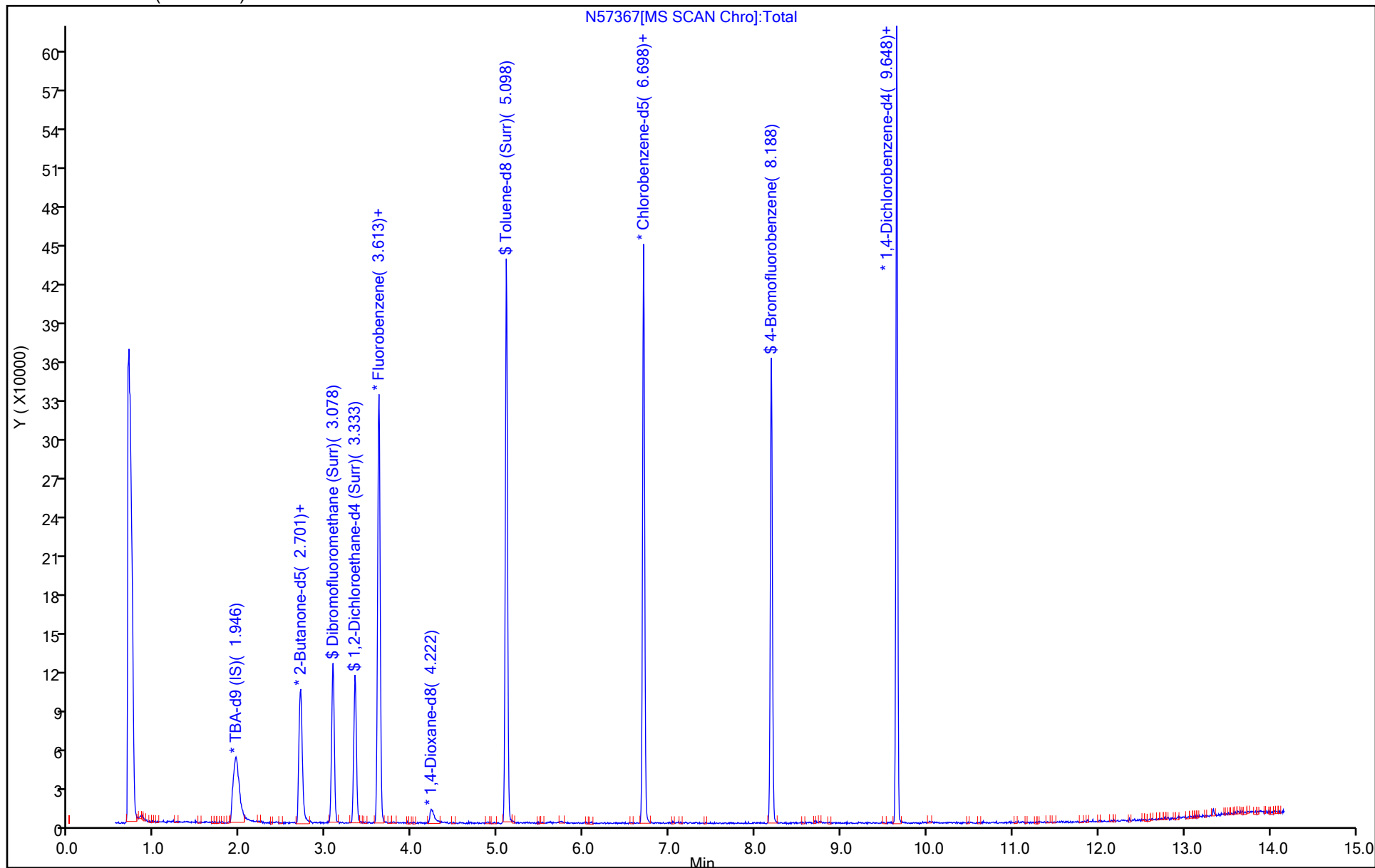
Dil. Factor: 1.0000

ALS Bottle#: 31

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57367.D
 Lims ID: 460-268432-B-4
 Client ID: FB-102522
 Sample Type: Client
 Inject. Date: 30-Oct-2022 23:29:30 ALS Bottle#: 31 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268432-B-4
 Misc. Info.: 460-0152503-015
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 07:44:36 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1610

First Level Reviewer: C1JX

Date: 31-Oct-2022 00:08:12

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	51.2	102.48
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	50.6	101.24
\$ 84 Toluene-d8 (Surr)	50.0	48.1	96.11
\$ 106 4-Bromofluorobenzene	50.0	51.9	103.84

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-873907/3	N57143.D
Level 2	STD1 460-873907/21	N57163.D
Level 3	STD5 460-873907/5	N57145.D
Level 4	STD20 460-873907/6	N57146.D
Level 5	STD50 460-873907/7	N57147.D
Level 6	STD200 460-873907/8	N57148.D
Level 7	STD500 460-873907/9	N57149.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.1449	0.1671 0.1274	0.1770	0.1544	0.1616	Ave		0.155 4				11.3		20.0			
Chlorodifluoromethane	++++ 0.6210	0.7059 0.5524	0.6805	0.6666	0.6687	Ave		0.649 2				8.4		20.0			
Dichlorodifluoromethane	++++ 0.4922	0.3987 0.4726	0.4225	0.3955	0.4208	Ave		0.433 7			0.1000	9.2		20.0			
Chloromethane	++++ 1.7091	2.4440 1.5918	1.4528	1.7130	1.6617	Ave		1.762 1			0.1000	19.7		20.0			
Butadiene	0.2803 0.3388	0.2910 0.3154	0.3238	0.3047	0.3354	Ave		0.312 8				7.0		20.0			
Vinyl chloride	++++ 0.3524	0.3584 0.3220	0.3386	0.3296	0.3390	Ave		0.340 0			0.1000	4.0		20.0			
Bromomethane	++++ 0.2557	0.3160 0.2201	0.2811	0.2627	0.2692	Ave		0.267 5			0.1000	11.8		20.0			
Chloroethane	++++ 0.1891	0.2191 0.1632	0.2242	0.1987	0.2013	Ave		0.199 3			0.1000	11.0		20.0			
Dichlorofluoromethane	++++ 0.5203	0.6377 0.4692	0.5662	0.5483	0.5677	Ave		0.551 6				10.1		20.0			
Pentane	++++ 6.5543	7.6744 5.7003	9.1495	8.3290	8.2709	Ave		7.613 1				16.7		20.0			
Trichlorofluoromethane	++++ 0.4398	0.4270 0.4000	0.4603	0.4380	0.4791	Ave		0.440 7			0.1000	6.2		20.0			
Ethanol	++++ 0.1508	++++ 0.1306	0.0985	0.1748	0.1792	Ave		0.146 8				22.7	*	20.0			
Ethyl ether	++++ 0.1408	0.1368 0.1279	0.1893	0.1544	0.1614	Ave		0.151 8				14.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	++++ 0.2225	0.2889 0.2081	0.2976	0.2549	0.2629	Ave		0.255 8				13.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2646	0.2887 0.2243	0.3011	0.2774	0.2648	Ave		0.270 1				9.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4145	0.5125 0.3807	0.5020	0.4521	0.4478	Ave		0.451 6				11.1		20.0			
Acrolein	++++ 7.0805	8.4034 6.2325	9.7023	7.5504	6.6566	Ave		7.604 3				16.7		20.0			
1,1-Dichloroethene	++++ 0.2515	0.2783 0.2345	0.3176	0.2835	0.2813	Ave		0.274 5			0.1000	10.5		20.0			
Acetone	++++ 0.2216	0.3223 0.2021	0.2581	0.2434	0.2467	Ave		0.249 0			0.0500	16.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2859	0.3187 0.2633	0.3725	0.3297	0.3297	Ave		0.316 6			0.1000	12.0		20.0			
Iodomethane	++++ 0.4814	0.5688 0.4493	0.6131	0.5495	0.5424	Ave		0.534 1				11.1		20.0			
Isopropyl alcohol	++++ 2.0112	1.9900 2.0255	1.5696	1.9853	1.9404	Ave		1.920 3				9.1		20.0			
Carbon disulfide	++++ 0.9225	1.1035 0.8591	1.1853	1.0835	1.0439	Ave		1.033 0			0.1000	11.7		20.0			
3-Chloro-1-propene	++++ 0.2091	0.2680 0.2043	0.2115	0.1816	0.2391	Ave		0.218 9				13.8		20.0			
Methyl acetate	++++ 7.0644	8.1670 6.4957	9.8084	7.8436	7.7418	Ave		7.853 5			0.1000	14.4		20.0			
Acetonitrile	++++ 2.4500	2.2777 2.6109	1.7058	2.4621	2.4683	Ave		2.329 1				13.9		20.0			
Cyclopentene	++++ 0.6568	0.6425 0.6209	0.7213	0.6511	0.6507	Ave		0.657 2				5.1		20.0			
Methylene Chloride	++++ 0.2995	0.3664 0.2770	0.3814	0.3336	0.3384	Ave		0.332 7			0.1000	11.8		20.0			
2-Methyl-2-propanol	++++ 3.9015	4.8647 3.5980	3.8009	3.6831	4.0652	Ave		3.985 6				11.6		20.0			
Acrylonitrile	19.493 16.053	20.466 14.491	19.764	17.745	17.618	Ave		17.94 7				12.0		20.0			
trans-1,2-Dichloroethene	++++ 0.2758	0.3296 0.2545	0.3523	0.3114	0.3104	Ave		0.305 7			0.1000	11.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methyl tert-butyl ether	++++ 0.7815	0.8636 0.7190	0.9112	0.8370	0.8500	Ave		0.827 1			0.1000	8.2		20.0			
Hexane	++++ 0.1207	0.1726 0.1127	0.1755	0.1403	0.1404	Ave		0.143 7				18.0		20.0			
1,1-Dichloroethane	++++ 0.4836	0.5709 0.4556	0.6044	0.5350	0.5343	Ave		0.530 6			0.2000	10.3		20.0			
Vinyl acetate	++++ 0.5803	0.6874 0.5460	0.5803	0.5627	0.5702	Ave		0.587 8				8.6		20.0			
Isopropyl ether	++++ 0.8212	0.9117 0.7605	0.9585	0.8525	0.8842	Ave		0.864 8				8.1		20.0			
2-Chloro-1,3-butadiene	++++ 0.2621	0.2836 0.2439	0.3087	0.2768	0.2780	Ave		0.275 5				7.9		20.0			
Tert-butyl ethyl ether	++++ 0.8251	0.7319 0.7682	0.8814	0.9192	0.8975	Ave		0.837 2				9.0		20.0			
cis-1,2-Dichloroethene	++++ 0.3045	0.3812 0.2835	0.3869	0.3312	0.3372	Ave		0.337 4			0.1000	12.1		20.0			
2,2-Dichloropropane	++++ 0.1313	0.1987 0.1214	0.1584	0.1407	0.1457	Ave		0.149 4				18.3		20.0			
2-Butanone (MEK)	++++ 0.2963	0.3682 0.2825	0.3838	0.3232	0.3266	Ave		0.330 1			0.0500	12.0		20.0			
Ethyl acetate	++++ 0.2664	0.4091 0.2591	0.3533	0.3058	0.2877	Ave		0.313 6				18.4		20.0			
Propionitrile	++++ 6.1015	6.6715 5.5081	7.3710	6.4528	6.5619	Ave		6.444 5				9.6		20.0			
Methyl acrylate	++++ 0.2999	0.3380 0.2834	0.3230	0.3125	0.3160	Ave		0.312 1				6.0		20.0			
Methacrylonitrile	++++ 0.1147	0.1158 0.1066	0.1343	0.1183	0.1212	Ave		0.118 5				7.7		20.0			
Chlorobromomethane	++++ 0.1507	0.1743 0.1407	0.1843	0.1681	0.1673	Ave		0.164 2				9.7		20.0			
Tetrahydrofuran	++++ 0.3505	0.4864 0.3234	0.4814	0.3993	0.3751	Ave		0.402 7				16.8		20.0			
Chloroform	++++ 0.4722	0.5665 0.4434	0.5705	0.5212	0.5118	Ave		0.514 3			0.2000	9.8		20.0			
1,1,1-Trichloroethane	++++ 0.4068	0.4401 0.3755	0.4675	0.4389	0.4380	Ave		0.427 8			0.1000	7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	++++ 0.3800	0.4062 0.3510	0.4833	0.4294	0.4273	Ave		0.412 9			0.1000	11.0		20.0			
1,1-Dichloropropene	++++ 0.3629	0.3999 0.3419	0.4401	0.4003	0.3996	Ave		0.390 8				8.8		20.0			
Carbon tetrachloride	++++ 0.3372	0.3755 0.3179	0.3980	0.3533	0.3603	Ave		0.357 0			0.1000	7.9		20.0			
Isobutyl alcohol	++++ 1.4167	1.6874 1.3704	1.8880	1.2711	1.4101	Ave		1.507 3				15.4		20.0			
Benzene	++++ 1.3759	1.7929 1.3328	1.8219	1.5781	1.5771	Ave		1.579 8			0.5000	12.9		20.0			
1,2-Dichloroethane	++++ 0.3480	0.4656 0.3266	0.4292	0.3661	0.3755	Ave		0.385 2			0.1000	13.6		20.0			
Isooctane	++++ 0.5286	0.5783 0.4961	0.5835	0.5301	0.5581	Ave		0.545 8				6.2		20.0			
Isopropyl acetate	++++ 0.1013	0.0795 0.0963	0.1137	0.0999	0.0983	Ave		0.098 2				11.2		20.0			
Tert-amyl methyl ether	++++ 0.8045	0.8050 0.7664	0.9106	0.8258	0.8490	Ave		0.826 9				6.0		20.0			
n-Heptane	++++ 0.1122	0.6238 0.1049	0.2379	0.1479	0.1363	QuaF		0.120 8	-0.000032						0.9990		0.9900
n-Butanol	++++ 0.8823	0.6754 0.8734	0.9494	0.7892	0.8238	Ave		0.832 3				11.3		20.0			
Trichloroethene	++++ 0.2706	0.3043 0.2539	0.3271	0.2989	0.2959	Ave		0.291 8			0.2000	8.9		20.0			
Ethyl acrylate	++++ 0.0266	0.0155 0.0271	0.0173	0.0270	0.0298	QuaF		0.026 8	0.0000007						1.0000		0.9900
Methylcyclohexane	++++ 0.3518	0.3822 0.3180	0.4409	0.3855	0.3917	Ave		0.378 3			0.1000	10.9		20.0			
1,2-Dichloropropane	++++ 0.2792	0.3083 0.2647	0.3340	0.2920	0.2958	Ave		0.295 7			0.1000	8.1		20.0			
Dibromomethane	++++ 0.1762	0.2147 0.1666	0.2036	0.1885	0.1895	Ave		0.189 9				9.2		20.0			
Methyl methacrylate	++++ 0.0722	0.0531 0.0702	0.0742	0.0672	0.0745	Ave		0.068 6				11.8		20.0			
1,4-Dioxane	++++ 0.9929	1.4066 0.8427	1.4252	1.1441	1.2179	Ave		1.171 6				19.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	++++ 0.3429	0.3617 0.3324	0.3578	0.3213	0.3503	Ave		0.344 4				4.5		20.0			
Dichlorobromomethane	++++ 0.3555	0.3415 0.3453	0.3763	0.3573	0.3664	Ave		0.357 1			0.2000	3.6		20.0			
2-Nitropropane	++++ 7.9034	9.2999 7.8925	7.8884	6.5381	6.8607	Ave		7.730 5				12.6		20.0			
2-Chloroethyl vinyl ether	++++ 0.2003	0.1843 0.1942	0.1962	0.1843	0.2049	Ave		0.194 0				4.3		20.0			
Epichlorohydrin	0.2866 0.2732	0.2374 0.2701	0.2889	0.2736	0.2828	Ave		0.273 2				6.3		20.0			
cis-1,3-Dichloropropene	++++ 0.5882	0.5690 0.5818	0.6678	0.6113	0.6339	Ave		0.608 7			0.2000	6.1		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.5055	2.2164 2.2969	2.5456	2.5268	2.5843	Ave		2.445 9			0.0500	6.2		20.0			
Toluene	++++ 1.4310	1.7059 1.3880	1.8325	1.5884	1.6096	Ave		1.592 6			0.4000	10.5		20.0			
trans-1,3-Dichloropropene	++++ 0.5285	0.4766 0.5258	0.5600	0.5196	0.5488	Ave		0.526 5			0.1000	5.5		20.0			
Ethyl methacrylate	++++ 0.3519	0.2845 0.3410	0.3230	0.3159	0.3497	Ave		0.327 7				7.8		20.0			
1,1,2-Trichloroethane	++++ 0.2666	0.3059 0.2595	0.3318	0.2861	0.2907	Ave		0.290 1			0.1000	9.1		20.0			
Tetrachloroethene	++++ 0.3219	0.3626 0.3100	0.3985	0.3476	0.3658	Ave		0.351 0			0.2000	9.1		20.0			
1,3-Dichloropropane	++++ 0.5332	0.5788 0.5228	0.6611	0.5612	0.5907	Ave		0.574 6				8.6		20.0			
2-Hexanone	++++ 0.9938	0.7711 0.9377	0.9791	0.9949	1.0154	Ave		0.948 7			0.0500	9.6		20.0			
Chlorodibromomethane	++++ 0.3480	0.3578 0.3485	0.3520	0.3363	0.3570	Ave		0.349 9			0.1000	2.2		20.0			
n-Butyl acetate	++++ 0.4993	0.4113 0.4870	0.5223	0.4764	0.5150	Ave		0.485 2				8.2		20.0			
Ethylene Dibromide	++++ 0.3365	0.3689 0.3251	0.3997	0.3599	0.3706	Ave		0.360 1			0.1000	7.4		20.0			
Chlorobenzene	++++ 0.9670	1.1209 0.9347	1.2071	1.0326	1.0619	Ave		1.054 0			0.5000	9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	++++ 0.3465	0.3750 0.3375	0.3703	0.3654	0.3670	Ave		0.360 3				4.1		20.0			
Ethylbenzene	++++ 0.4953	0.5515 0.4812	0.5858	0.5387	0.5504	Ave		0.533 8			0.1000	7.3		20.0			
m-Xylene & p-Xylene	++++ 0.6181	0.6701 0.5982	0.7359	0.6811	0.6871	Ave		0.665 1			0.1000	7.5		20.0			
o-Xylene	++++ 0.6527	0.5780 0.6234	0.7097	0.6717	0.7092	Ave		0.657 5			0.3000	7.8		20.0			
Styrene	++++ 1.0654	0.8708 1.0453	1.0743	1.1004	1.1498	Ave		1.051 0			0.3000	9.1		20.0			
n-Butyl acrylate	++++ 0.3003	0.2102 0.2951	0.2651	0.2783	0.3069	Ave		0.276 0				12.9		20.0			
Bromoform	++++ 0.3999	0.3630 0.4302	0.3972	0.3474	0.3854	Ave		0.387 2			0.1000	7.6		20.0			
Amyl acetate (mixed isomers)	++++ 1.0779	0.7921 1.0779	0.9771	0.9679	1.0482	Ave		0.990 2				10.9		20.0			
Isopropylbenzene	++++ 1.5072	1.3867 1.4379	1.6354	1.5962	1.6642	Ave		1.537 9			0.1000	7.3		20.0			
Bromobenzene	++++ 0.7232	0.8069 0.7272	0.8690	0.7753	0.7640	Ave		0.777 6				7.0		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7989	0.8815 0.7887	0.9060	0.8062	0.8503	Ave		0.838 6			0.3000	5.8		20.0			
1,2,3-Trichloropropane	++++ 0.2164	0.2810 0.2114	0.2726	0.2179	0.2227	Ave		0.237 0				13.1		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2138	0.1720 0.2120	0.2255	0.2037	0.2117	Ave		0.206 5				8.9		20.0			
N-Propylbenzene	++++ 2.9961	2.8547 3.0121	3.2581	3.1260	3.2590	Ave		3.084 3				5.2		20.0			
2-Chlorotoluene	++++ 1.9261	2.0390 1.8969	2.3028	2.0183	2.0663	Ave		2.041 6				7.1		20.0			
4-Ethyltoluene	++++ 2.5681	2.3504 2.5742	2.7749	2.6557	2.7406	Ave		2.610 6				5.9		20.0			
4-Chlorotoluene	++++ 2.2427	2.2509 2.2330	2.5243	2.3604	2.4213	Ave		2.338 8				5.1		20.0			
1,3,5-Trimethylbenzene	++++ 2.2009	2.1274 2.1563	2.3499	2.2624	2.3551	Ave		2.242 0				4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	++++ 0.9121	0.6003 0.9179	0.6981	0.7714	0.8834	Ave		0.797 2				16.3		20.0			
tert-Butylbenzene	++++ 1.6975	1.4726 1.6750	1.8474	1.7266	1.8344	Ave		1.708 9				8.0		20.0			
1,2,4-Trimethylbenzene	++++ 2.3300	2.1115 2.2959	2.4858	2.4300	2.5216	Ave		2.362 4				6.4		20.0			
sec-Butylbenzene	++++ 2.3930	2.1155 2.3080	2.5837	2.4016	2.5745	Ave		2.396 1				7.3		20.0			
1,3-Dichlorobenzene	++++ 1.3081	1.4914 1.2911	1.5090	1.3726	1.4197	Ave		1.398 7			0.6000	6.5		20.0			
1,4-Dichlorobenzene	++++ 1.3666	1.6845 1.3410	1.7029	1.4378	1.4661	Ave		1.499 8			0.5000	10.5		20.0			
4-Isopropyltoluene	++++ 2.0780	1.9660 2.0130	2.3336	2.1840	2.2410	Ave		2.135 9				6.6		20.0			
1,2,3-Trimethylbenzene	++++ 2.5152	2.4499 2.4390	2.7313	2.5976	2.6559	Ave		2.564 8				4.6		20.0			
Benzyl chloride	++++ 0.3063	0.2172 0.3051	0.2541	0.2589	0.2803	Ave		0.270 3				12.6		20.0			
Indan	++++ 2.5074	2.3872 2.4175	2.7083	2.5814	2.6568	Ave		2.543 1				5.1		20.0			
1,2-Dichlorobenzene	++++ 1.2628	1.3959 1.2223	1.5181	1.3305	1.3737	Ave		1.350 5			0.4000	7.8		20.0			
p-Diethylbenzene	++++ 1.0696	1.0448 1.0213	1.3680	1.2668	1.3403	Ave		1.185 1				13.3		20.0			
n-Butylbenzene	++++ 0.9827	0.9352 0.9316	1.1215	1.0623	1.0806	Ave		1.019 0				7.9		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1287	0.1323 0.1212	0.1168	0.1145	0.1272	Ave		0.123 5			0.0500	5.7		20.0			
1,2,4,5-Tetramethylbenzene	++++ 1.9947	1.6342 1.8307	1.8183	1.9237	2.0790	Ave		1.880 1				8.3		20.0			
1,3,5-Trichlorobenzene	++++ 0.7004	0.9882 0.6423	0.8501	0.7464	0.7741	Ave		0.783 6				15.6		20.0			
1,2,4-Trichlorobenzene	++++ 0.5273	0.7590 0.4734	0.5927	0.5481	0.5899	Ave		0.581 8			0.2000	16.7		20.0			
Hexachlorobutadiene	++++ 0.1979	0.3233 0.1832	0.2796	0.2210	0.2262	Qua2	0.096 0	0.232 3	-0.000110						0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	++++ 1.2098	1.4506 1.0585	1.1175	1.2008	1.3427	Ave		1.230 0				11.8		20.0			
1,2,3-Trichlorobenzene	++++ 0.3077	0.7212 0.2677	0.3402	0.3270	0.3530	QuaF		0.337 7	-0.000140						1.0000		0.9900
Dibromofluoromethane (Surr)	0.2261 0.2213	0.2251 0.2202	0.2738	0.2341	0.2395	Ave		0.234 3				8.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2461 0.2405	0.2352 0.2408	0.3000	0.2525	0.2477	Ave		0.251 8				8.7		20.0			
Toluene-d8 (Surr)	1.1629 1.1147	1.1116 1.1310	1.4059	1.1973	1.2150	Ave		1.191 2				8.6		20.0			
4-Bromofluorobenzene	0.3566 0.3647	0.3457 0.3730	0.4421	0.3870	0.3858	Ave		0.379 3				8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-873907/3	N57143.D
Level 2	STD1 460-873907/21	N57163.D
Level 3	STD5 460-873907/5	N57145.D
Level 4	STD20 460-873907/6	N57146.D
Level 5	STD50 460-873907/7	N57147.D
Level 6	STD200 460-873907/8	N57148.D
Level 7	STD500 460-873907/9	N57149.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	++++ 294737	1516 740966	7218	28842	75156	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 1263276	6404 3212081	27754	124532	311068	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1001292	3617 2747843	17233	73891	195749	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	BUT	Ave	++++ 355476	2055 949856	5938	30954	78880	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	693 689228	2640 1834014	13207	56932	156039	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 716765	3251 1872356	13810	61578	157723	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 520144	2867 1280044	11463	49071	125246	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 384670	1988 949157	9144	37123	93625	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1058429	5785 2728046	23092	102429	264105	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 165786	779 424883	4527	18719	48016	++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	++++ 894595	3874 2325836	18772	81839	222896	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	++++ 76281	++++ 194649	975	7859	20807	++++ 8000	++++ 20000	200	800	2000
Ethyl ether	FB	Ave	++++	1241	7721	28854	75106	++++	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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
			286486	743529				200	500			
2-Methyl-1,3-butadiene	FB	Ave	++++ 452531	2621 1210127	12136	47615	122293	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 538279	2619 1304165	12280	51831	123176	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 843226	4649 2213440	20474	84462	208318	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 89549	1706 185822	9601	16969	38644	++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	++++ 511696	2525 1363326	12952	52961	130872	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 230446	1355 602879	5275	21988	58546	++++ 1000	5.00 2500	25.0	100	250
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 581527	2891 1531003	15190	61596	153360	++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	++++ 979189	5160 2612321	25004	102653	252346	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 254361	1010 754868	3883	22309	56324	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 1876503	10011 4995102	48340	202430	485639	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 425278	2431 1187766	8624	33923	111242	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd 9	Ave	++++ 178689	829 484172	4853	17628	44944	++++ 400	2.00 1000	10.0	40.0	100
Acetonitrile	TBAd 9	Ave	++++ 309851	1156 973047	4220	27667	71646	++++ 2000	10.0 5000	50.0	200	500
Cyclopentene	FB	Ave	++++ 1335996	5829 3610077	29418	121637	302727	++++ 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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
Methylene Chloride	FB	Ave	++++ 609340	3324 1610740	15556	62324	157418	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 493435	2469 1340935	9403	41388	118002	++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	TBAd 9	Ave	2135 2030245	10387 5400736	48895	199402	511406	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	++++ 561066	2990 1479895	14369	58169	144402	++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	++++ 1589713	7835 4180766	37164	156375	395416	++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	++++ 245628	1566 655028	7156	26215	65334	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 983769	5179 2649321	24651	99962	248540	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 241418	1156 651556	4744	20337	54135	++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	++++ 1670483	8271 4422088	39091	159272	411357	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 533160	2573 1418402	12588	51723	129306	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1678331	6640 4466565	35948	171738	417510	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 619362	3458 1648574	15778	61884	156882	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 266990	1803 705758	6460	26285	67764	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 308149	1548 842972	7844	29202	77509	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 110839	688 309269	2888	11050	27316	++++ 400	2.00 1000	10.0	40.0	100
Propionitrile	TBAd 9	Ave	++++ 771667	3386 2052797	18235	72511	190473	++++ 2000	10.0 5000	50.0	200	500
Methyl acrylate	FB	Ave	++++	3066	13174	58386	146994	++++	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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
			610066	1648120				200	500			
Methacrylonitrile	FB	Ave	++++ 2333069	10508 6198375	54781	220967	563748	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 306605	1581 818393	7515	31409	77850	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 145799	818 386011	3935	14431	35611	++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	++++ 960454	5139 2578131	23268	97384	238112	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 827464	3993 2183438	19066	82002	203751	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 773030	3685 2040734	19709	80223	198797	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 738236	3628 1988235	17951	74789	185907	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 685904	3407 1848367	16234	66007	167617	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA d9	Ave	++++ 447943	2141 1276821	11677	35709	102329	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2201280	11892 5931524	54554	219881	552848	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 707865	4224 1899019	17506	68395	174699	++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	++++ 1075358	5246 2884565	23798	99046	259646	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 205977	721 560032	4638	18662	45744	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1636532	7303 4456355	37138	154276	394983	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	++++ 228207	5659 610059	9702	27640	63390	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA d9	Ave	++++ 278965	857 813713	5872	22172	59784	++++ 5000	25.0 12500	125	500	1250

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
Trichloroethene	FB	Ave	++++ 550515	2761 1476243	13339	55842	137673	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	QuaF	++++ 54141	141 157674	706	5042	13875	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 715591	3467 1849080	17982	72028	182224	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 567928	2797 1539075	13623	54552	137599	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 358330	1948 968561	8303	35224	88172	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 293701	963 816297	6055	25097	69359	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 102903	1305 281888	2690	9906	26335	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	++++ 697478	3281 1933035	14594	60032	162985	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 723219	3098 2008001	15346	66757	170447	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd 9	Ave	++++ 199913	944 588284	3903	14694	39829	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 408488	1676 1131866	8019	34509	95559	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1308 1136688	3993 3223055	23617	98878	268479	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 941044	3774 2589379	19997	85173	222213	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2605701	9318 6852942	52023	228303	613367	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2289467	11315 6176844	54869	221317	564214	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 845482	3161 2339810	16768	72394	192387	++++ 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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
Ethyl methacrylate	FB	Ave	++++ 715827	2581 1982555	13175	59016	162679	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 426567	2029 1155037	9936	39862	101918	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 514968	2405 1379565	11931	48429	128216	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 853032	3839 2326437	19794	78190	207069	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1033544	3242 2797536	20009	89891	241008	++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBNZ d5	Ave	++++ 556692	2373 1550807	10540	46855	125150	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	++++ 798802	2728 2167133	15639	66374	180520	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 538422	2447 1446893	11969	50148	129905	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1547121	7435 4159684	36145	143875	372218	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 554423	2487 1501807	11087	50915	128632	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 792482	3658 2141606	17542	75061	192953	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 988935	4445 2662350	22034	94899	240842	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++	3834	21250	93593	248595	++++	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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
			1044233	2774269				200	500			
Styrene	CBNZ d5	Ave	+++++	5776	32168	153317	403051	+++++	1.00	5.00	20.0	50.0
			1704590	4651823				200	500			
n-Butyl acrylate	CBNZ d5	Ave	+++++	1394	7938	38772	107593	+++++	1.00	5.00	20.0	50.0
			480409	1313175				200	500			
Bromoform	DCBd 4	Ave	+++++	1372	6941	28620	79362	+++++	1.00	5.00	20.0	50.0
			366901	1050932				200	500			
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	2994	17075	79738	215823	+++++	1.00	5.00	20.0	50.0
			988851	2633053				200	500			
Isopropylbenzene	CBNZ d5	Ave	+++++	9198	48969	222404	583365	+++++	1.00	5.00	20.0	50.0
			2411300	6398926				200	500			
Bromobenzene	DCBd 4	Ave	+++++	3050	15186	63871	157317	+++++	1.00	5.00	20.0	50.0
			663468	1776515				200	500			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	3332	15833	66418	175088	+++++	1.00	5.00	20.0	50.0
			732971	1926749				200	500			
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	1062	4763	17949	45845	+++++	1.00	5.00	20.0	50.0
			198494	516425				200	500			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	650	3941	16785	43591	+++++	1.00	5.00	20.0	50.0
			196158	517769				200	500			
N-Propylbenzene	DCBd 4	Ave	+++++	10790	56935	257531	671057	+++++	1.00	5.00	20.0	50.0
			2748703	7357842				200	500			
2-Chlorotoluene	DCBd 4	Ave	+++++	7707	40242	166274	425456	+++++	1.00	5.00	20.0	50.0
			1767092	4633784				200	500			
4-Ethyltoluene	DCBd 4	Ave	+++++	8884	48491	218789	564310	+++++	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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
			2356061	6288150				200	500			
4-Chlorotoluene	DCBd 4	Ave	+++++	8508	44113	194459	498566	+++++	1.00	5.00	20.0	50.0
			2057508	5454767				200	500			
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++	8041	41065	186386	484922	+++++	1.00	5.00	20.0	50.0
			2019205	5267398				200	500			
Butyl Methacrylate	DCBd 4	Ave	+++++	2269	12200	63555	181900	+++++	1.00	5.00	20.0	50.0
			836782	2242206				200	500			
tert-Butylbenzene	DCBd 4	Ave	+++++	5566	32283	142246	377706	+++++	1.00	5.00	20.0	50.0
			1557346	4091589				200	500			
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++	7981	43440	200192	519205	+++++	1.00	5.00	20.0	50.0
			2137572	5608333				200	500			
sec-Butylbenzene	DCBd 4	Ave	+++++	7996	45151	197858	530095	+++++	1.00	5.00	20.0	50.0
			2195418	5638062				200	500			
1,3-Dichlorobenzene	DCBd 4	Ave	+++++	5637	26370	113080	292334	+++++	1.00	5.00	20.0	50.0
			1200132	3153912				200	500			
1,4-Dichlorobenzene	DCBd 4	Ave	+++++	6367	29758	118455	301885	+++++	1.00	5.00	20.0	50.0
			1253732	3275847				200	500			
4-Isopropyltoluene	DCBd 4	Ave	+++++	7431	40780	179929	461430	+++++	1.00	5.00	20.0	50.0
			1906437	4917437				200	500			
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++	9260	47730	214006	546870	+++++	1.00	5.00	20.0	50.0
			2307495	5958078				200	500			
Benzyl chloride	DCBd 4	Ave	+++++	821	4441	21332	57708	+++++	1.00	5.00	20.0	50.0
			281003	745266				200	500			
Indan	DCBd 4	Ave	+++++	9023	47328	212671	547053	+++++	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.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
			2300357	5905393				200	500			
1,2-Dichlorobenzene	DCBd 4	Ave	+++++	5276	26529	109611	282852	+++++	1.00	5.00	20.0	50.0
			1158492	2985719				200	500			
p-Diethylbenzene	DCBd 4	Ave	+++++	3949	23906	104367	275967	+++++	1.00	5.00	20.0	50.0
			981317	2494928				200	500			
n-Butylbenzene	DCBd 4	Ave	+++++	3535	19598	87515	222492	+++++	1.00	5.00	20.0	50.0
			901540	2275785				200	500			
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	500	2041	9437	26188	+++++	1.00	5.00	20.0	50.0
			118103	296085				200	500			
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++	6177	31775	158485	428075	+++++	1.00	5.00	20.0	50.0
			1830027	4472155				200	500			
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++	3735	14856	61488	159400	+++++	1.00	5.00	20.0	50.0
			642540	1569127				200	500			
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++	2869	10358	45159	121459	+++++	1.00	5.00	20.0	50.0
			483775	1156394				200	500			
Hexachlorobutadiene	DCBd 4	Qua2	+++++	1222	4886	18207	46567	+++++	1.00	5.00	20.0	50.0
			181542	447485				200	500			
Naphthalene	DCBd 4	Ave	+++++	5483	19528	98931	276474	+++++	1.00	5.00	20.0	50.0
			1109948	2585636				200	500			
1,2,3-Trichlorobenzene	DCBd 4	QuaF	+++++	2726	5945	26941	72694	+++++	1.00	5.00	20.0	50.0
			282250	653893				200	500			
Dibromofluoromethane (Surr)	FB	Ave	111797	102108	111668	109329	111422	50.0	50.0	50.0	50.0	50.0
			112548	128062				50.0	50.0			
1,2-Dichloroethane-d4 (Surr)	FB	Ave	121715	106679	122363	117939	115229	50.0	50.0	50.0	50.0	50.0
			122310	140003				50.0	50.0			

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

Lab Name: Eurofins Edison Job No.: 460-268432-1 Analy Batch No.: 873907

SDG No.: _____

Instrument ID: CVOAMS11 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/25/2022 07:02 Calibration End Date: 10/25/2022 15:20 Calibration ID: 91552

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
Toluene-d8 (Surr)	CBNZ d5	Ave	417831	368668	420980	417060	425889	50.0	50.0	50.0	50.0	50.0
			445842	503316				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	128124	114663	132389	134809	135226	50.0	50.0	50.0	50.0	50.0
			145880	166016				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\CVOAMS11\20221025-152213.b\N57143.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Oct-2022 07:02:30 ALS Bottle#: 19 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0152213-003
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:36:43 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 08:38:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
9 Butadiene	54	1.046	1.040	0.006	55	693	0.2500	0.2240	a
* 31 TBA-d9 (IS)	46	1.946	1.934	0.012	69	54763	1000.0	1000.0	
36 Acrylonitrile	53	2.044	2.044	0.000	25	2135	2.00	2.17	
* 43 2-Butanone-d5	46	2.701	2.695	0.006	96	228214	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	95	111797	50.0	48.2	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.333	0.000	82	121715	50.0	48.9	
* 67 Fluorobenzene	96	3.613	3.613	0.000	99	494508	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.228	4.222	0.006	76	20634	1000.0	1000.0	
81 Epichlorohydrin	57	4.751	4.751	0.000	35	1308	5.00	5.24	M
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	417831	50.0	48.8	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	359313	50.0	50.0	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	88	128124	50.0	47.0	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	196556	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACRY/EPIH MIX_00105	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 0.00	Units: uL	
524freon_00058	Amount Added: 0.00	Units: uL	
ACROLEIN W_00145	Amount Added: 0.00	Units: uL	
14DIOXINTER_00146	Amount Added: 0.00	Units: uL	
Ethanol mix_00069	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00128	Amount Added: 0.00	Units: uL	
MIX I Hi_00155	Amount Added: 0.00	Units: uL	
GASES Li_00499	Amount Added: 2.50	Units: uL	
GAS Hi_00427	Amount Added: 0.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

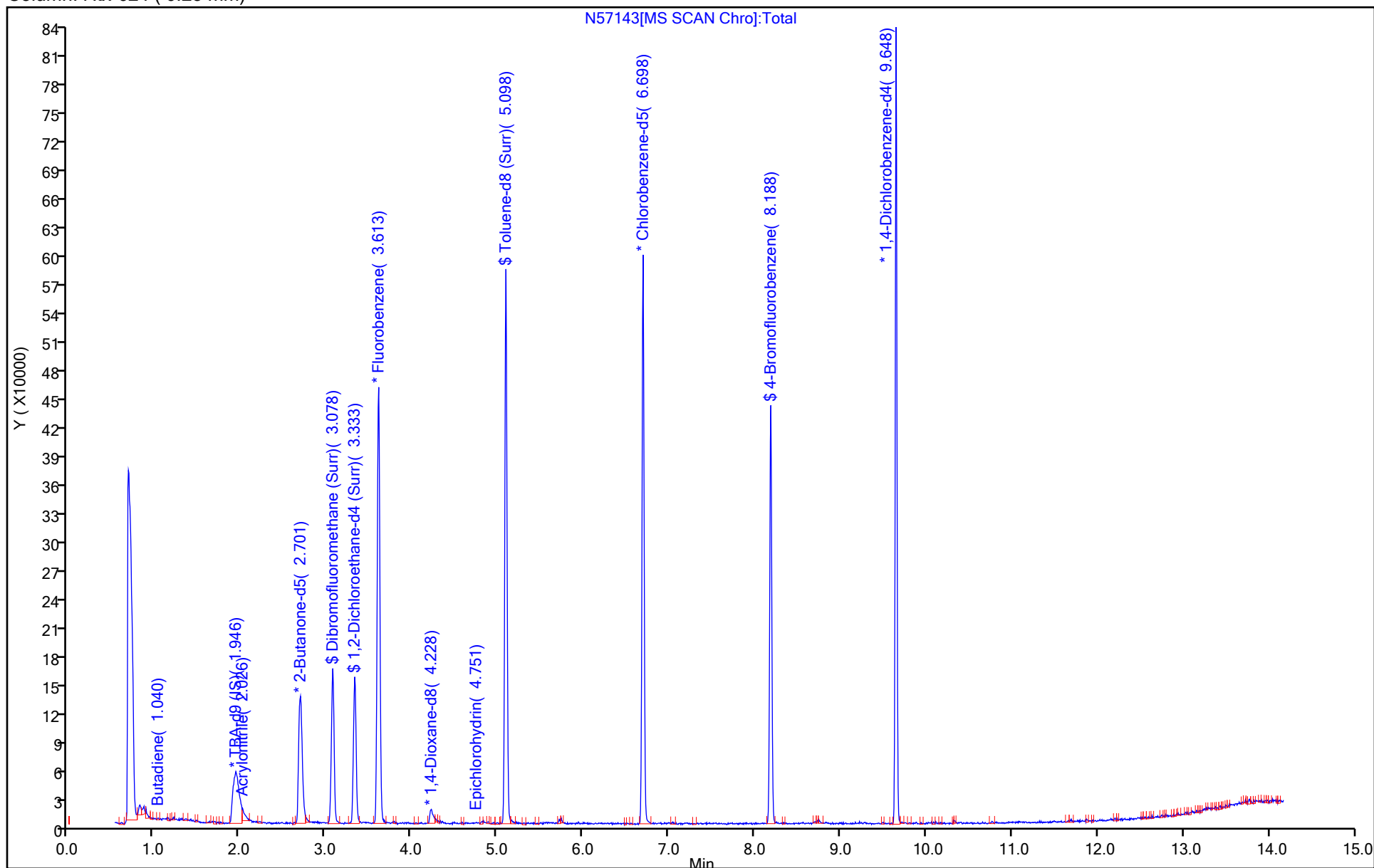
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

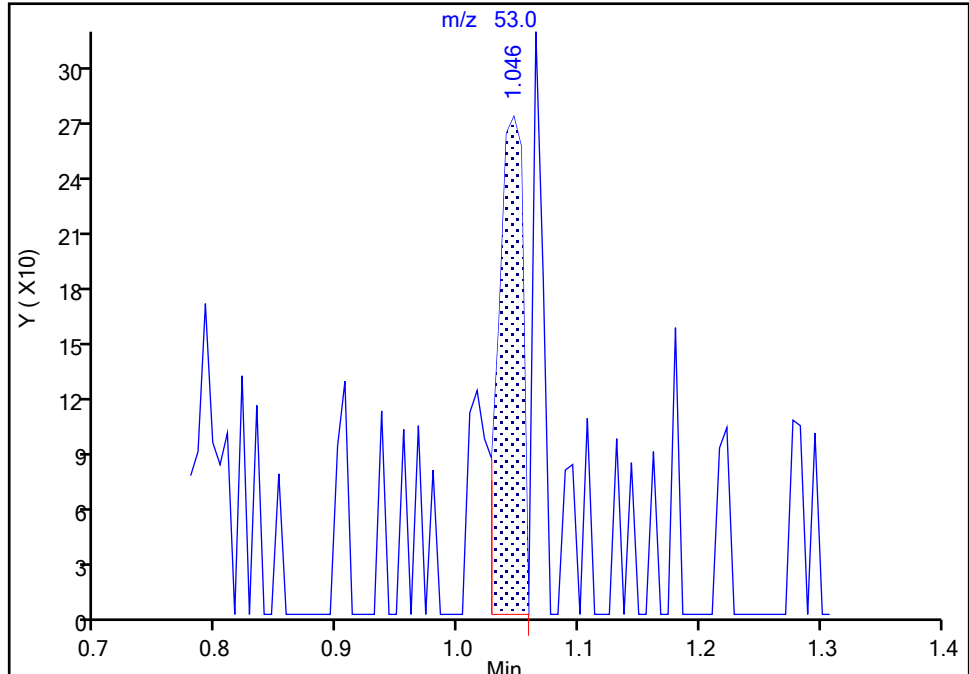
MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 2

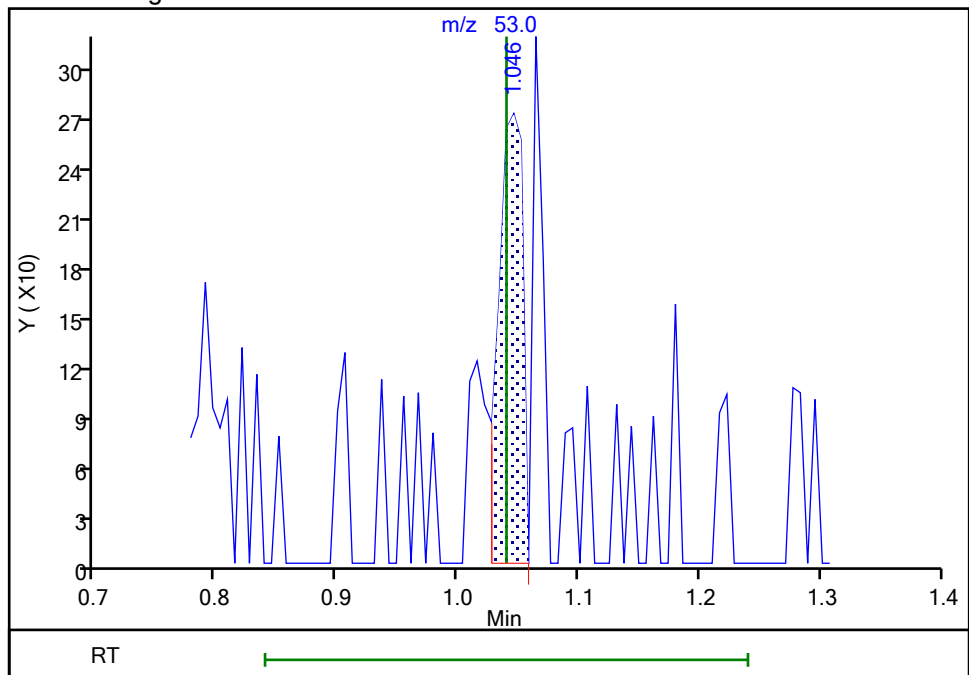
RT: 1.05
Area: 374
Amount: 0.205378
Amount Units: ug/l

Processing Integration Results



RT: 1.05
Area: 374
Amount: 0.224019
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

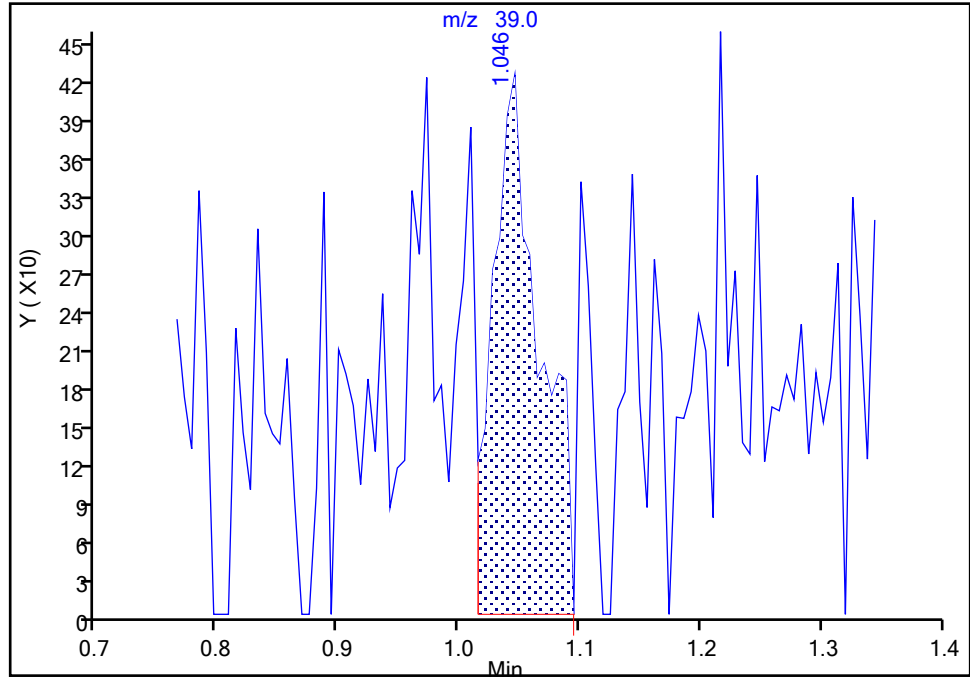
MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 3

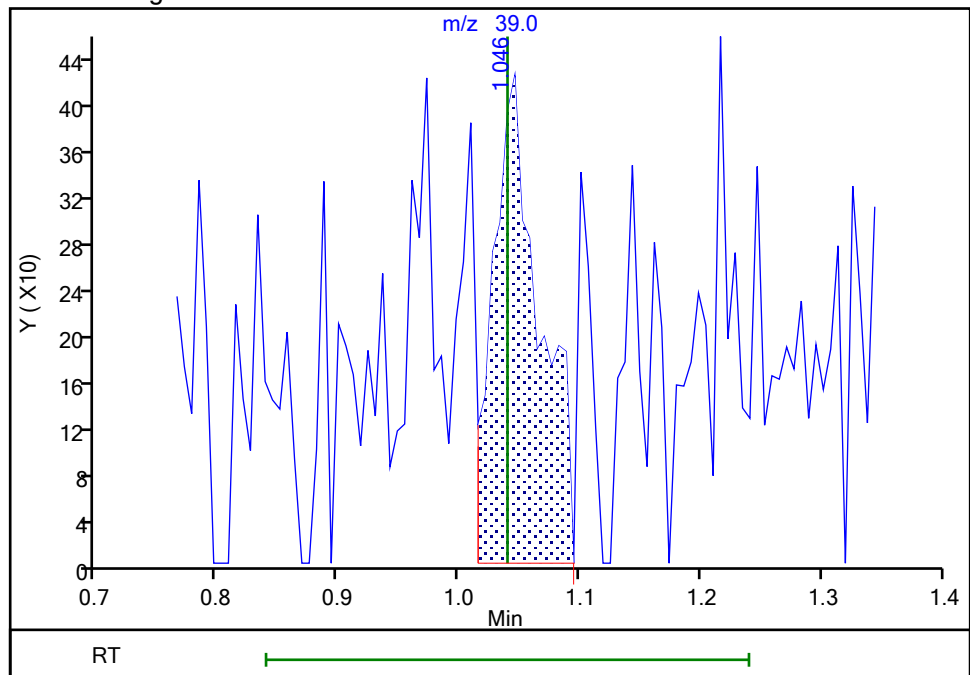
RT: 1.05
Area: 1152
Amount: 0.205378
Amount Units: ug/l

Processing Integration Results



RT: 1.05
Area: 1152
Amount: 0.224019
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

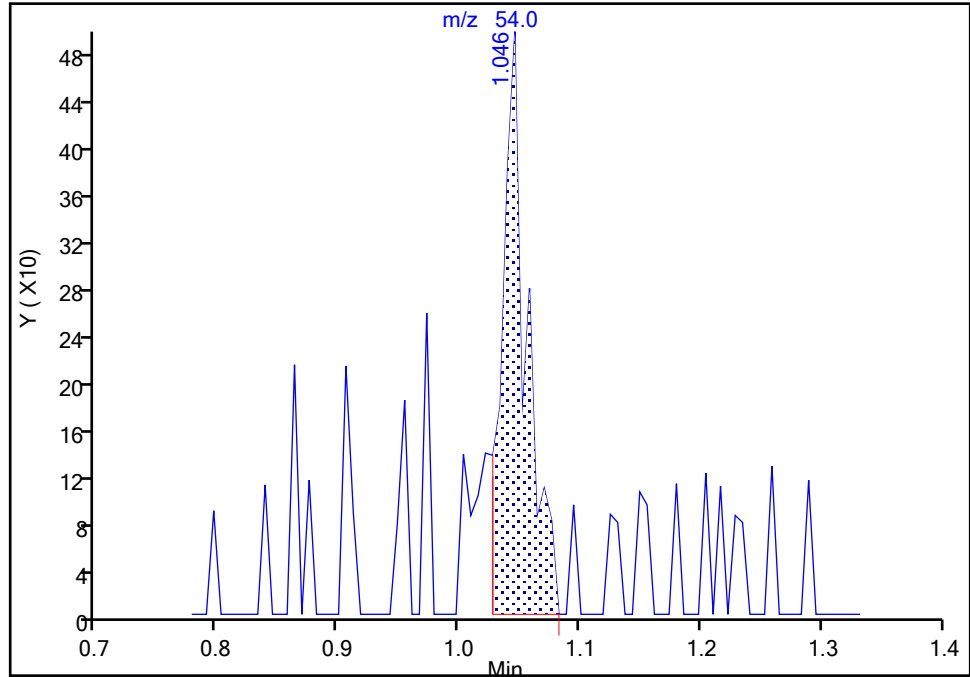
MS SCAN

9 Butadiene, CAS: 106-99-0

Signal: 1

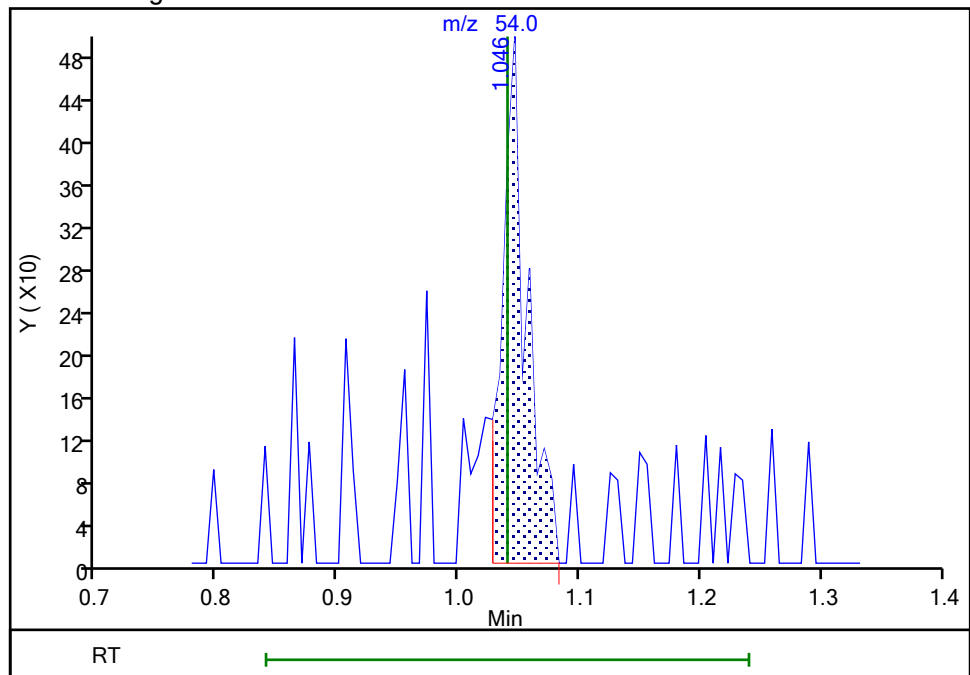
RT: 1.05
Area: 693
Amount: 0.205378
Amount Units: ug/l

Processing Integration Results



RT: 1.05
Area: 693
Amount: 0.224019
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:54:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

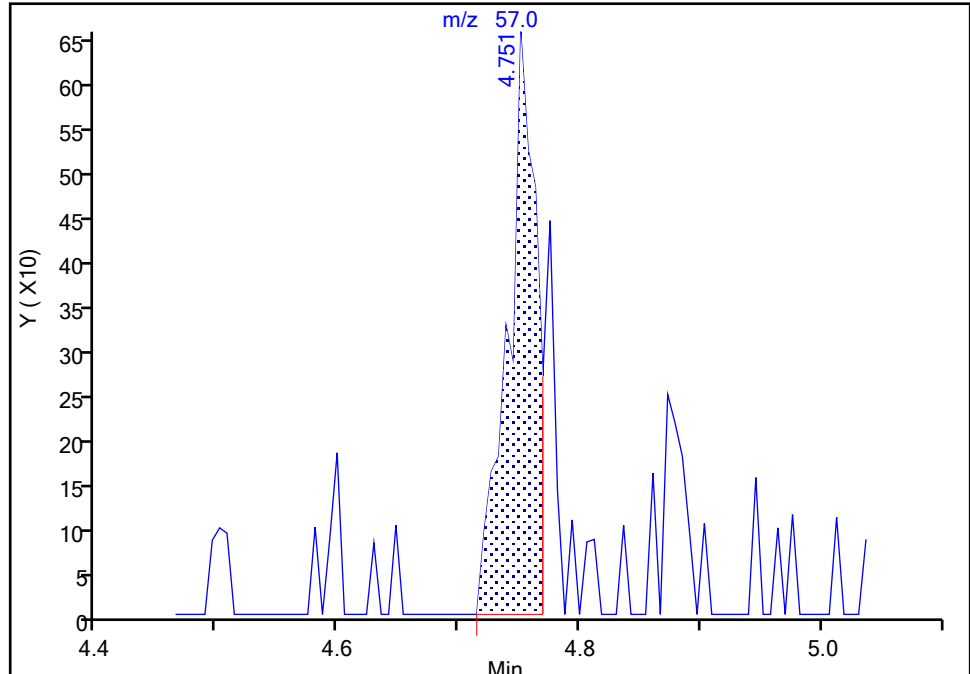
MS SCAN

81 Epichlorohydrin, CAS: 106-89-8

Signal: 1

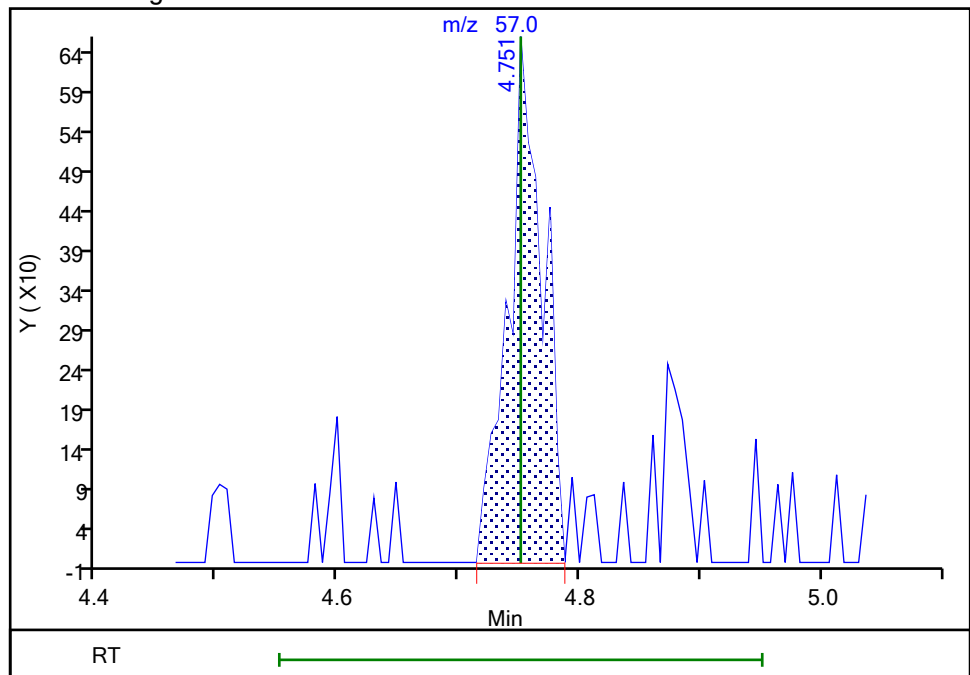
RT: 4.75
Area: 1090
Amount: 4.482047
Amount Units: ug/l

Processing Integration Results



RT: 4.75
Area: 1308
Amount: 5.244145
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:54:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

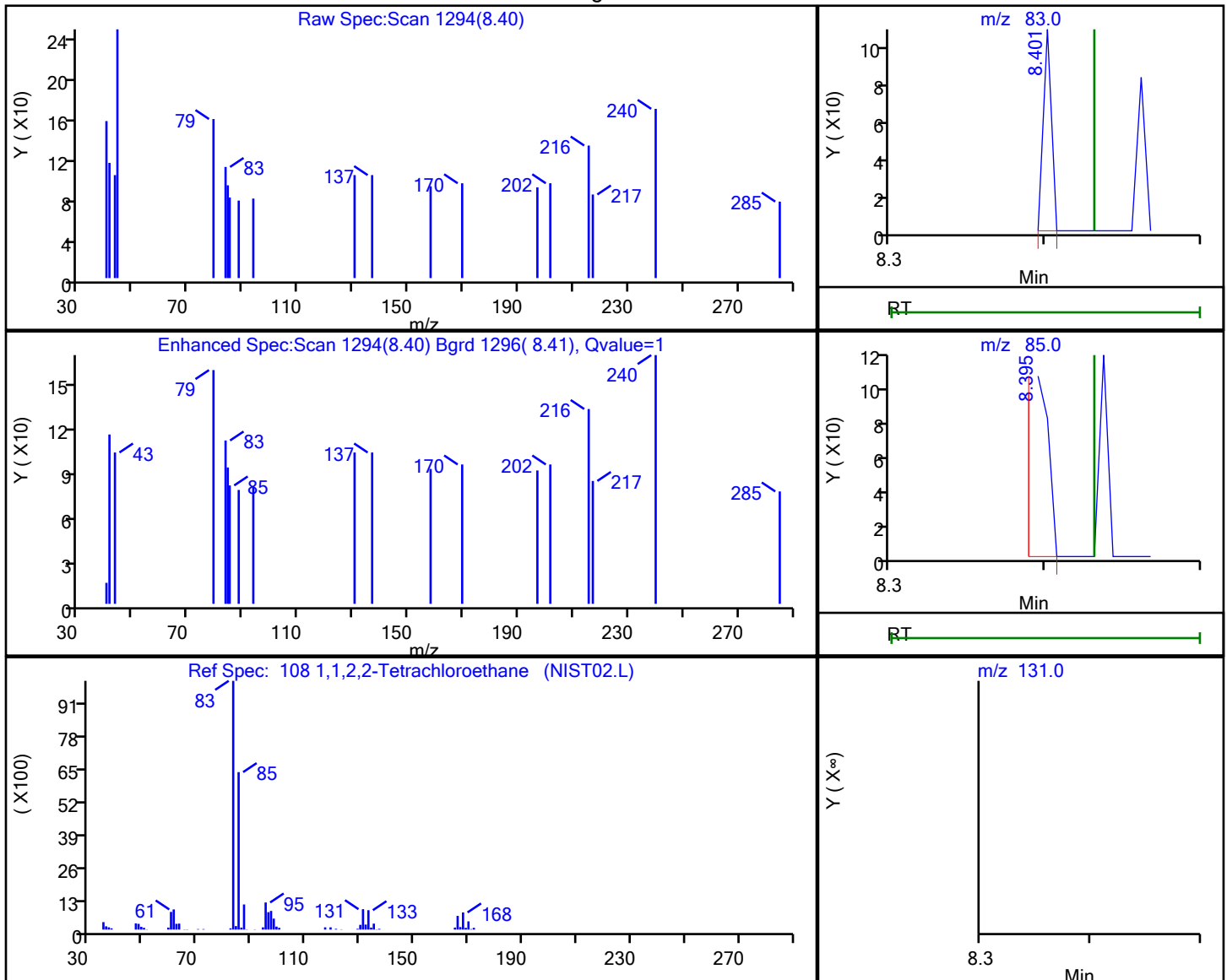
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
8.40	83.00	40	0.011700
8.40	85.00	66	
8.43	131.00	0	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

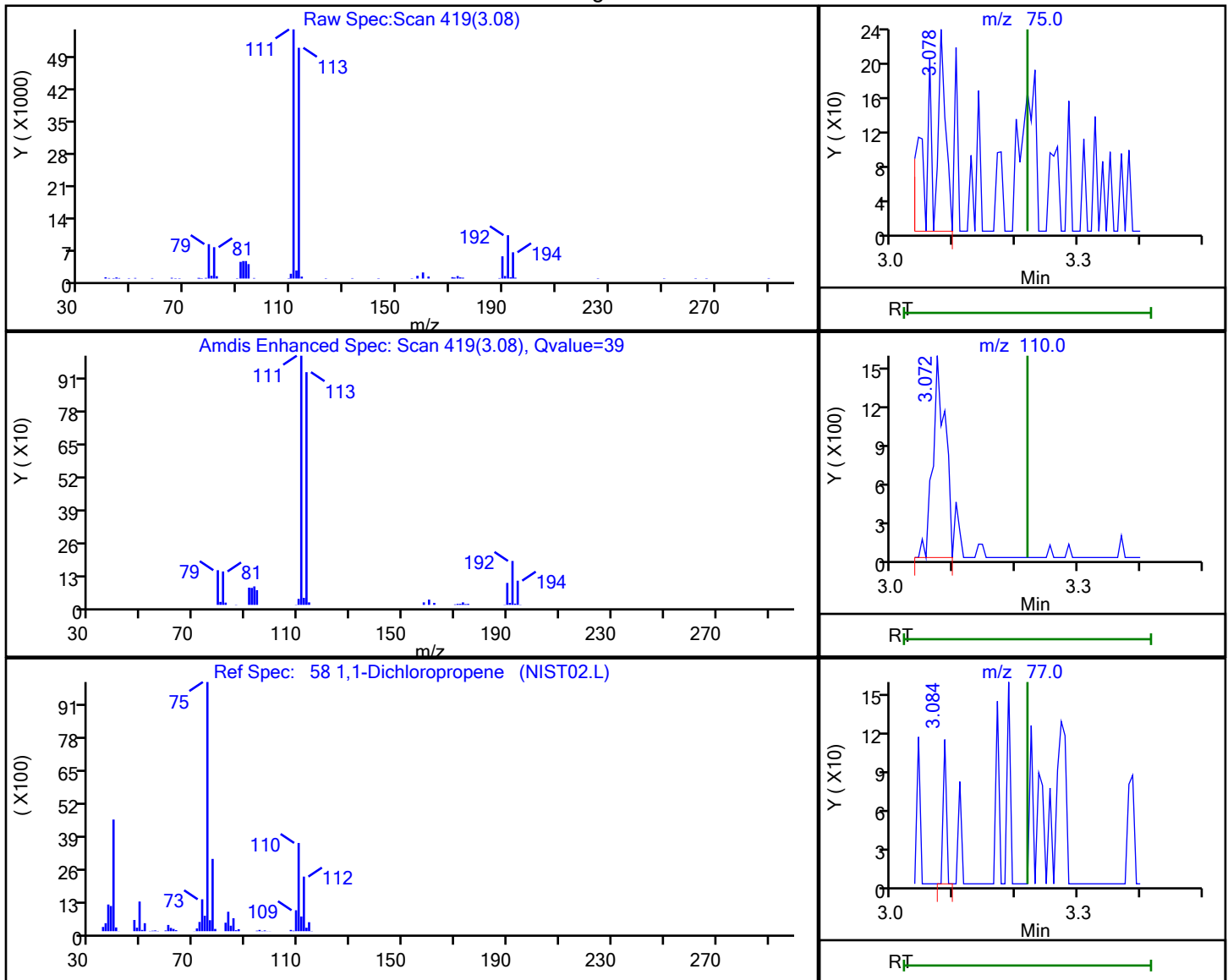
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.08	75.00	372	0.083529
3.07	110.00	2223	
3.08	77.00	41	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

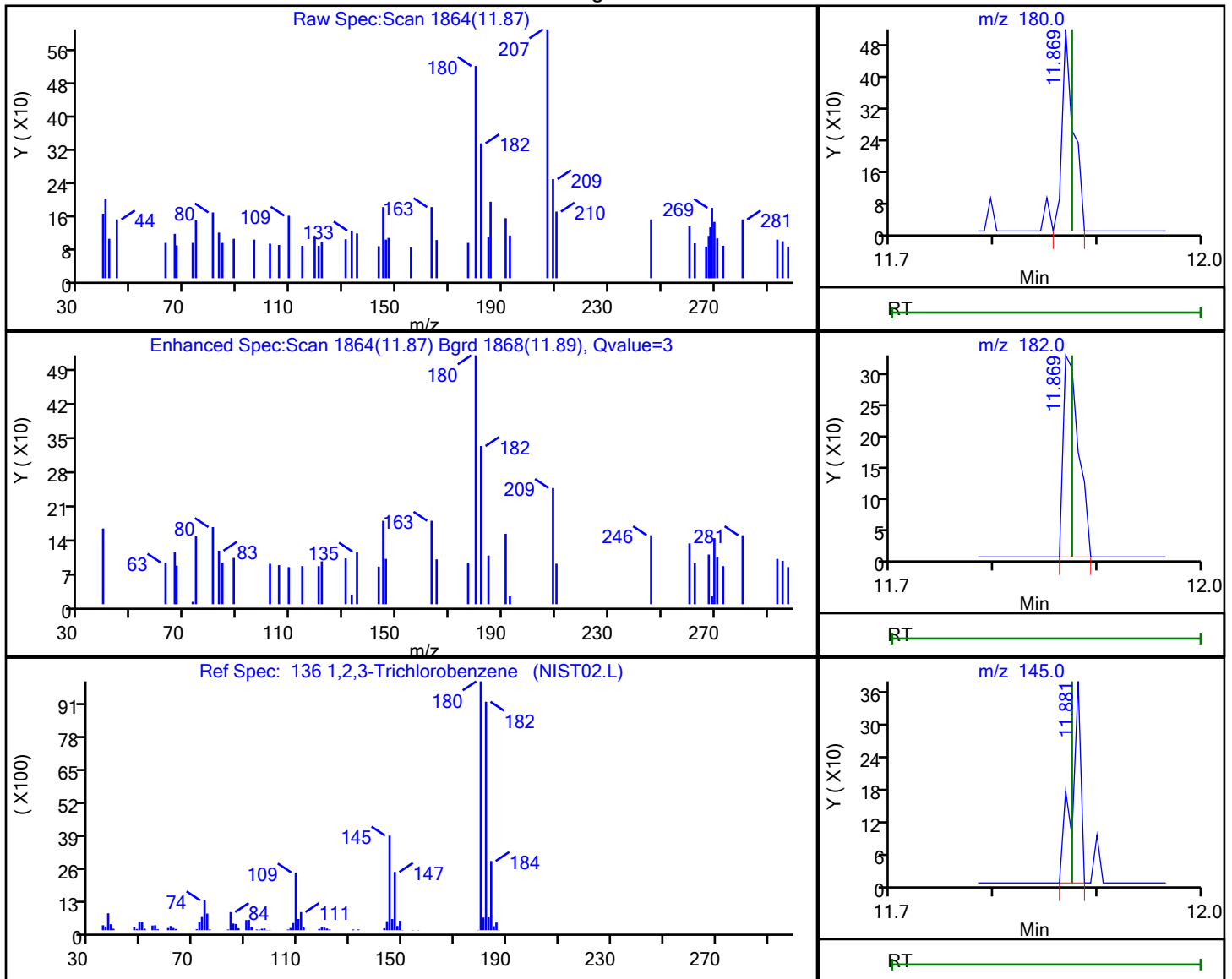
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

136 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
11.87	180.00	394	0.280290
11.87	182.00	339	
11.88	145.00	234	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

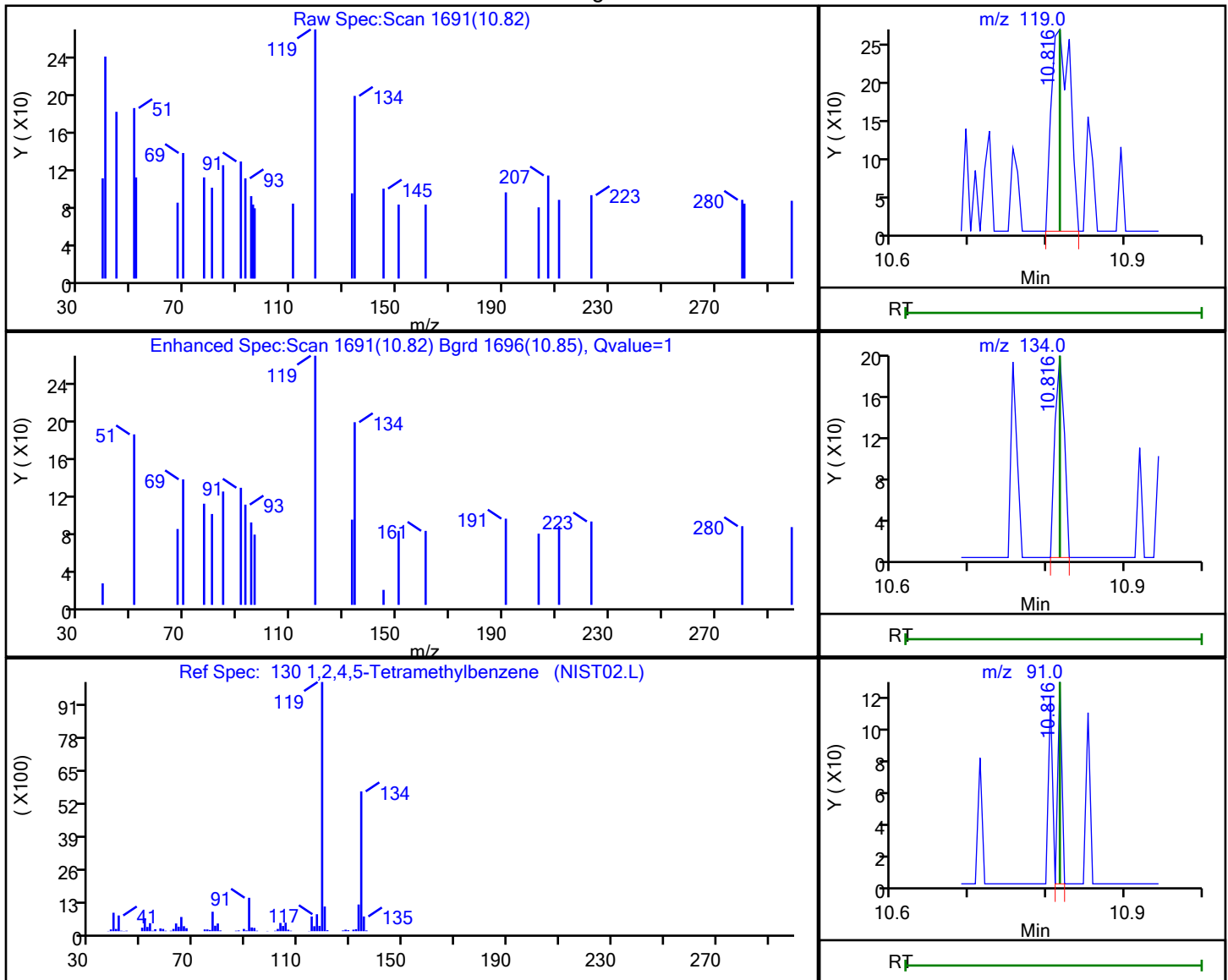
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.82	119.00	442	0.060449
10.82	134.00	163	
10.82	91.00	46	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

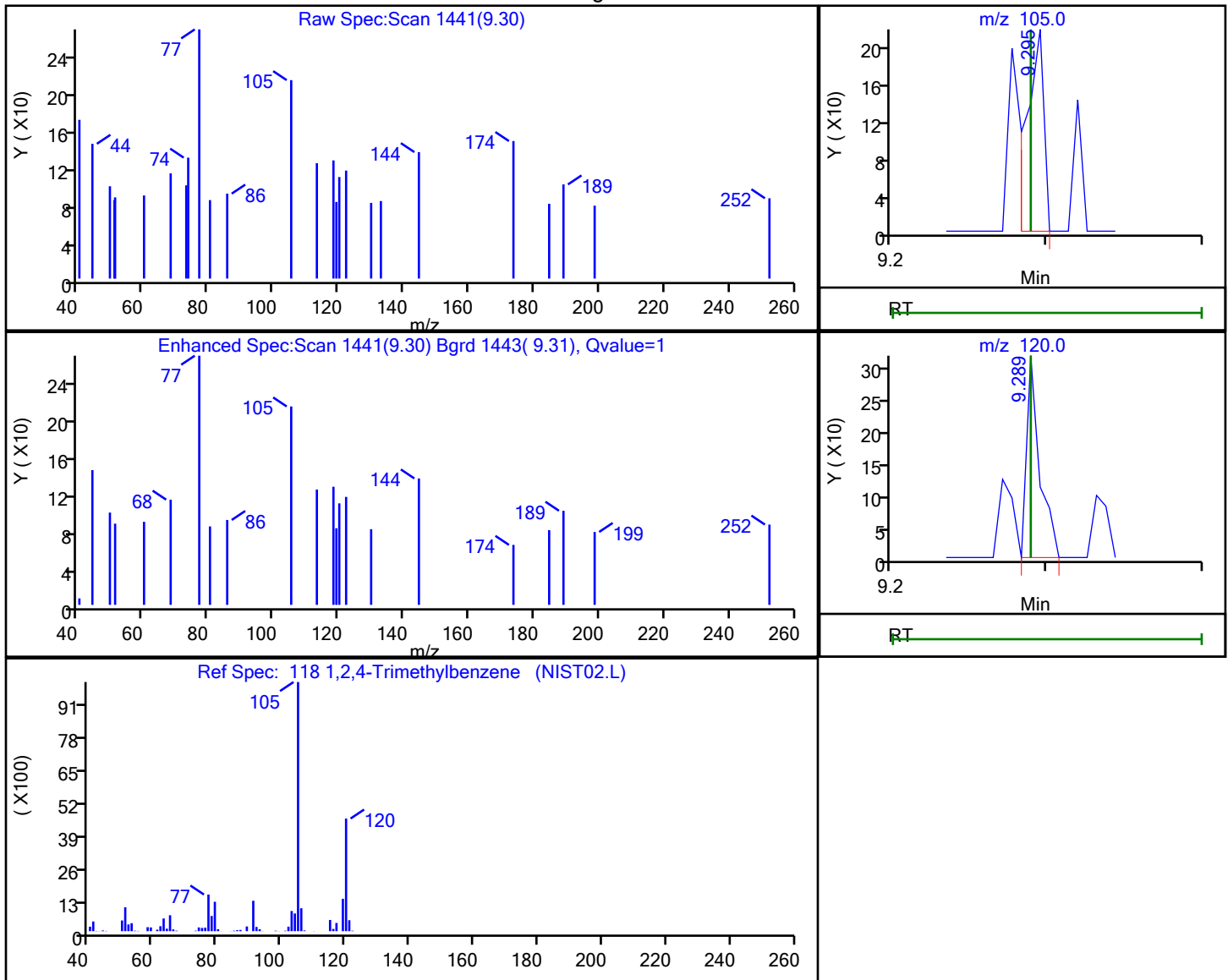
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.30	105.00	167	0.017426
9.29	120.00	183	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

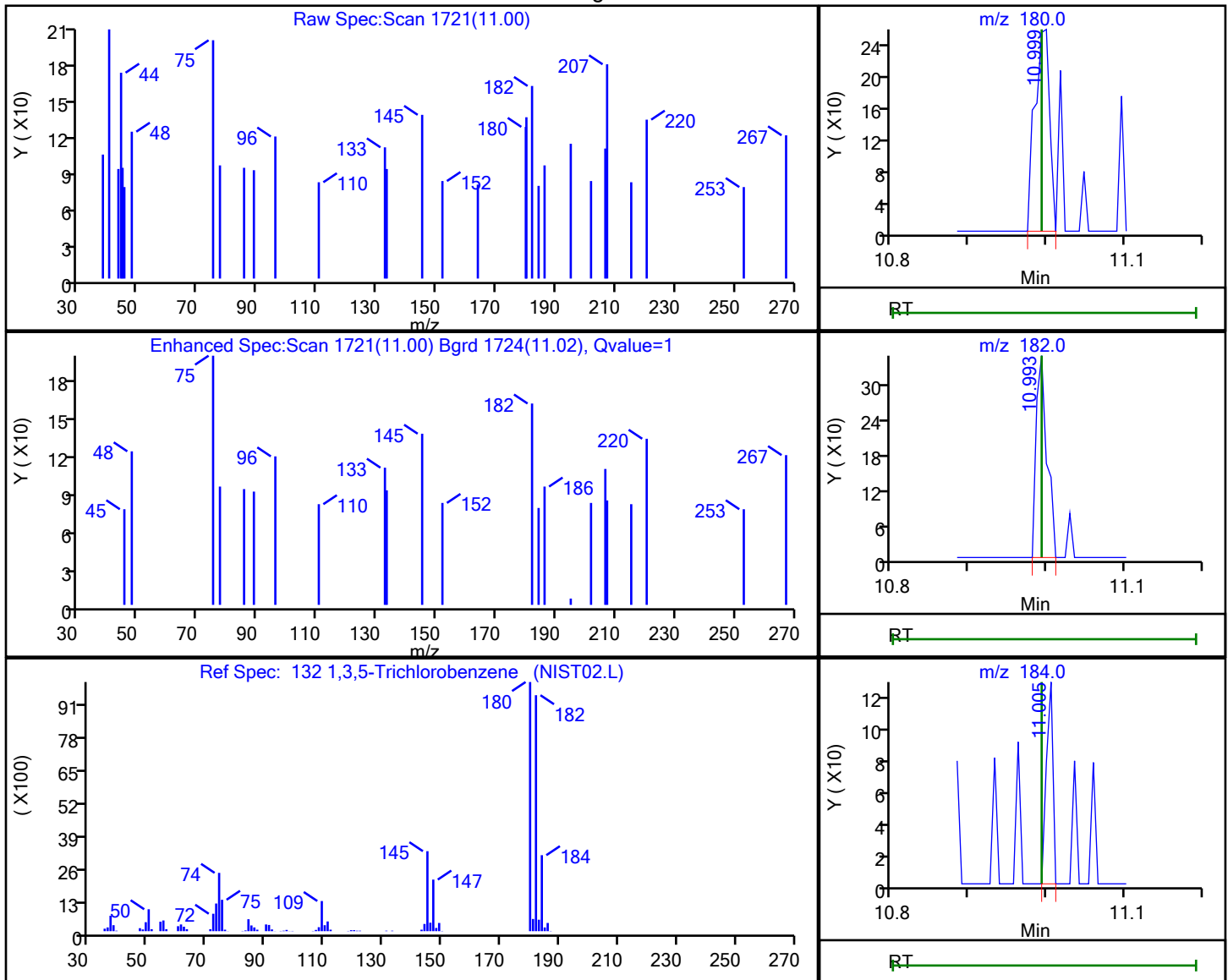
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

132 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.00	180.00	346	0.106112
10.99	182.00	333	
11.00	184.00	75	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

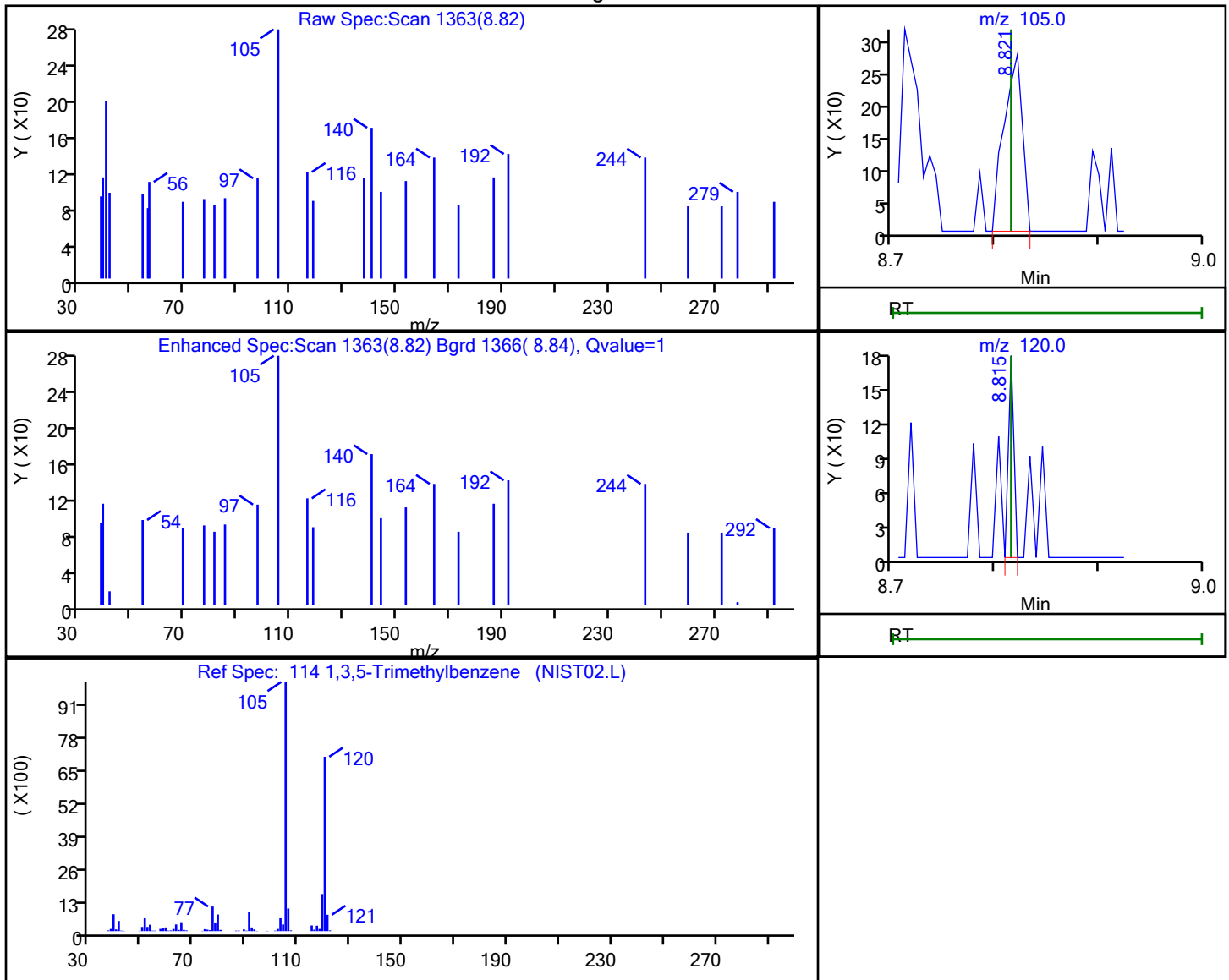
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.82	105.00	343	0.037690
8.81	120.00	64	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

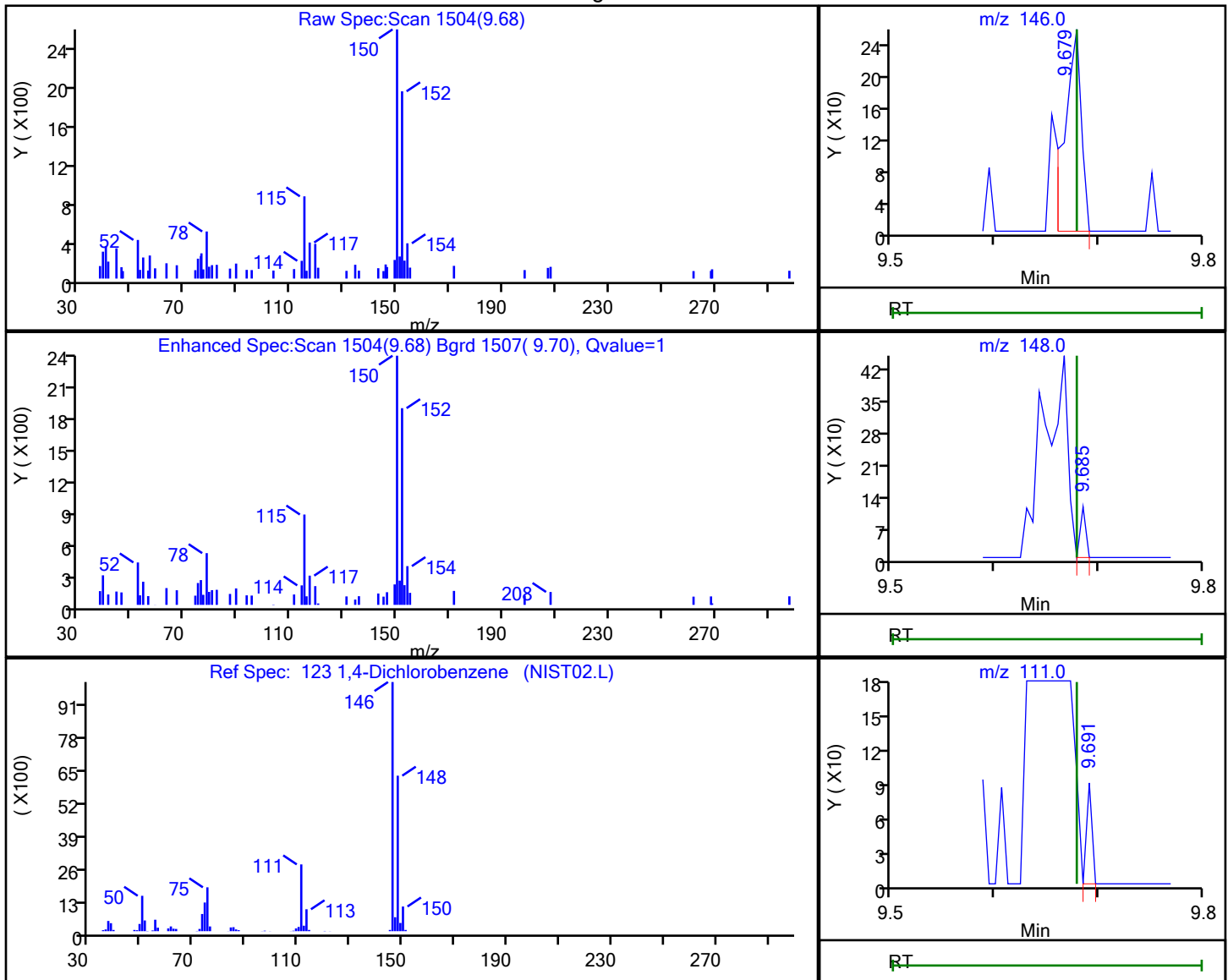
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
9.68	146.00	285	0.043865
9.68	148.00	41	
9.69	111.00	32	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

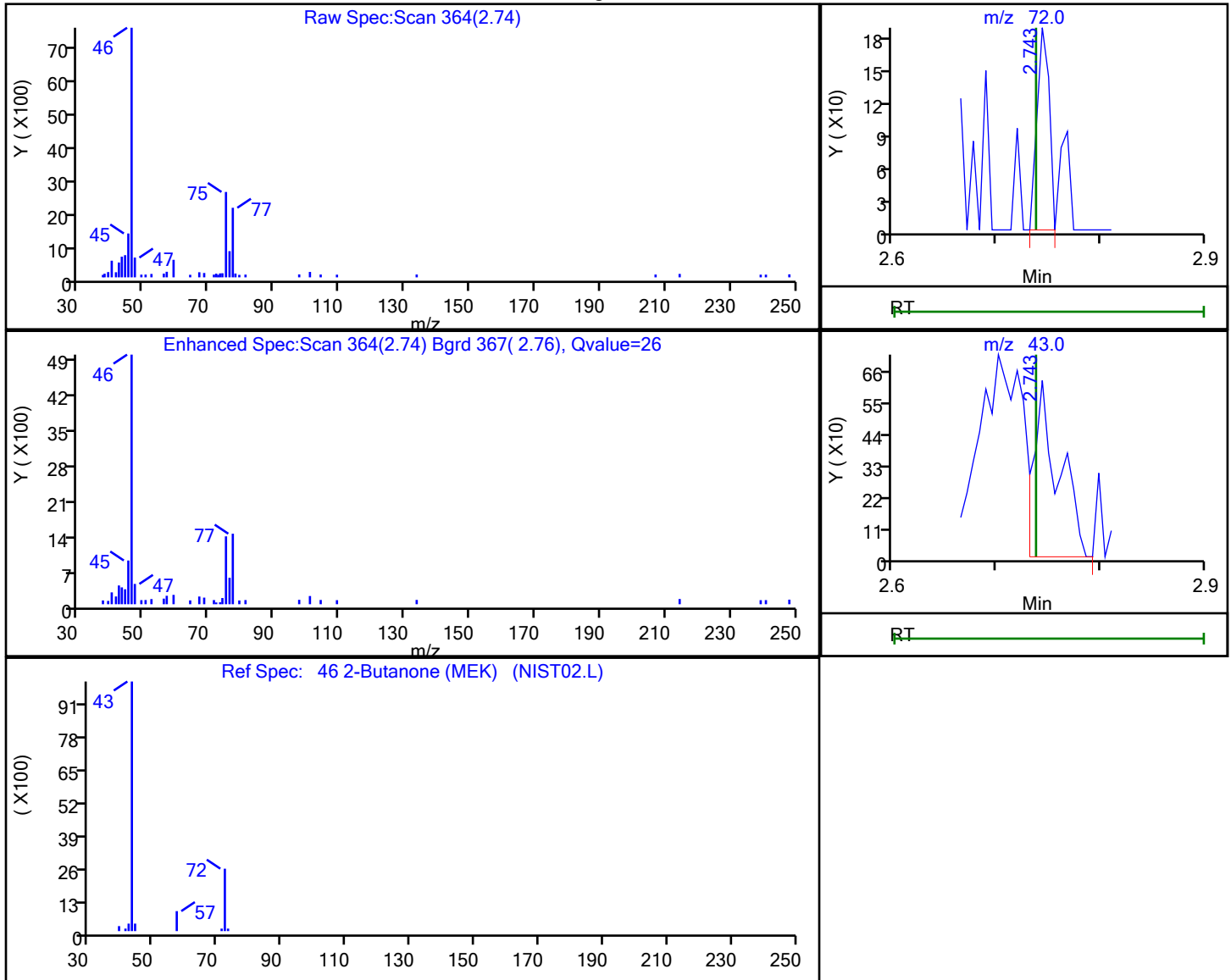
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.74	72.00	155	0.412459
2.74	43.00	1050	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

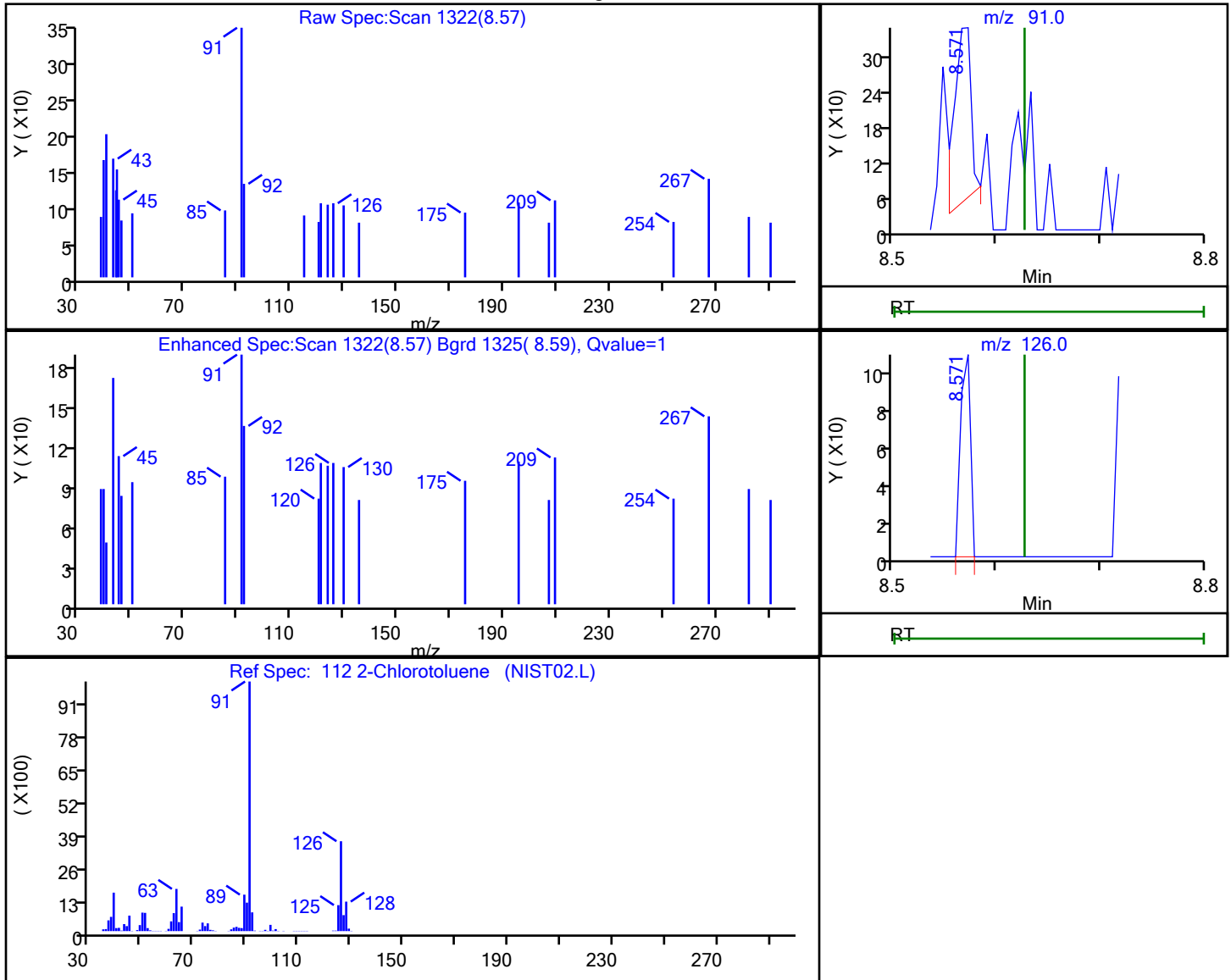
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
8.57	91.00	338	0.039211
8.57	126.00	68	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

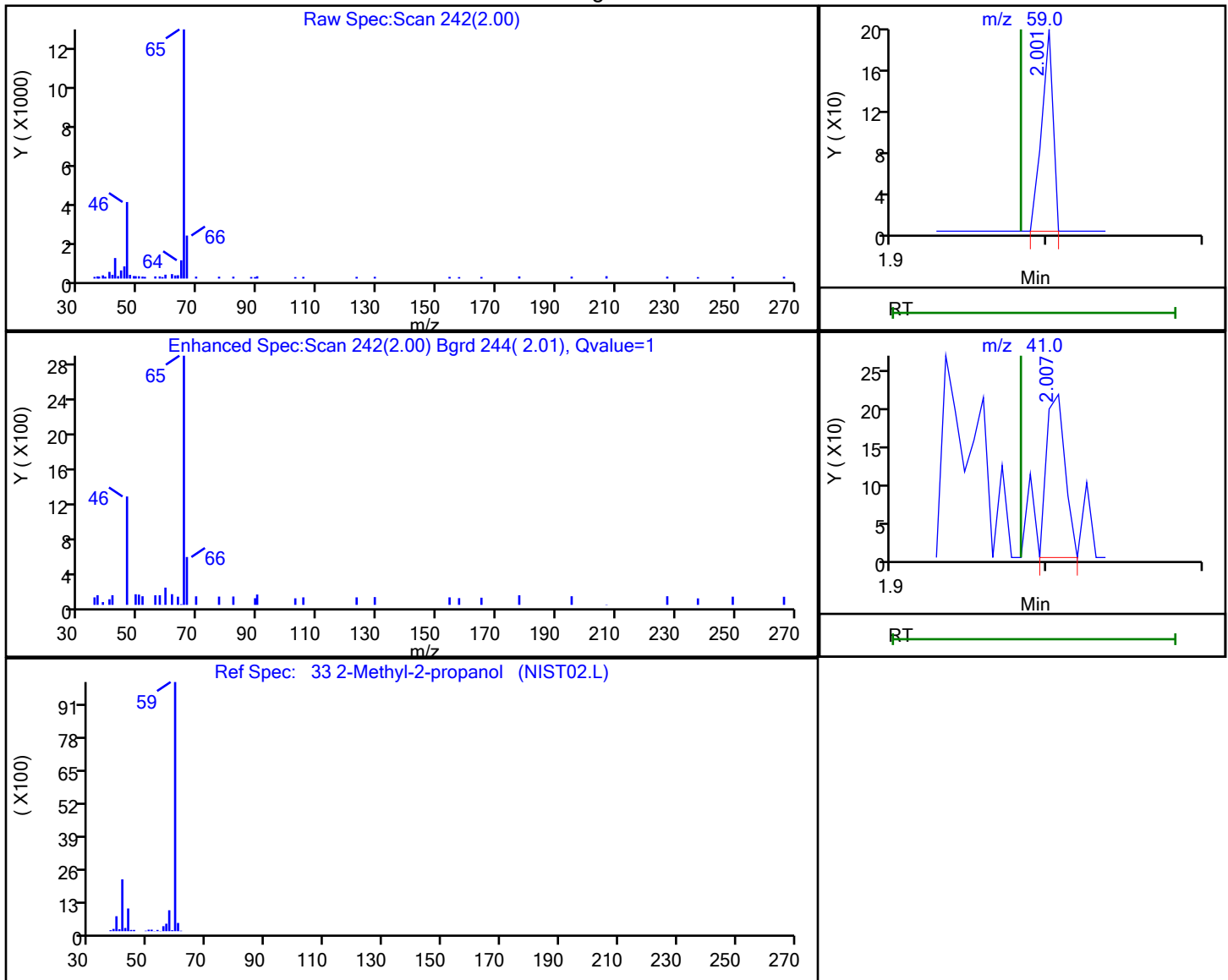
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
2.00	59.00	102	0.434504
2.01	41.00	176	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

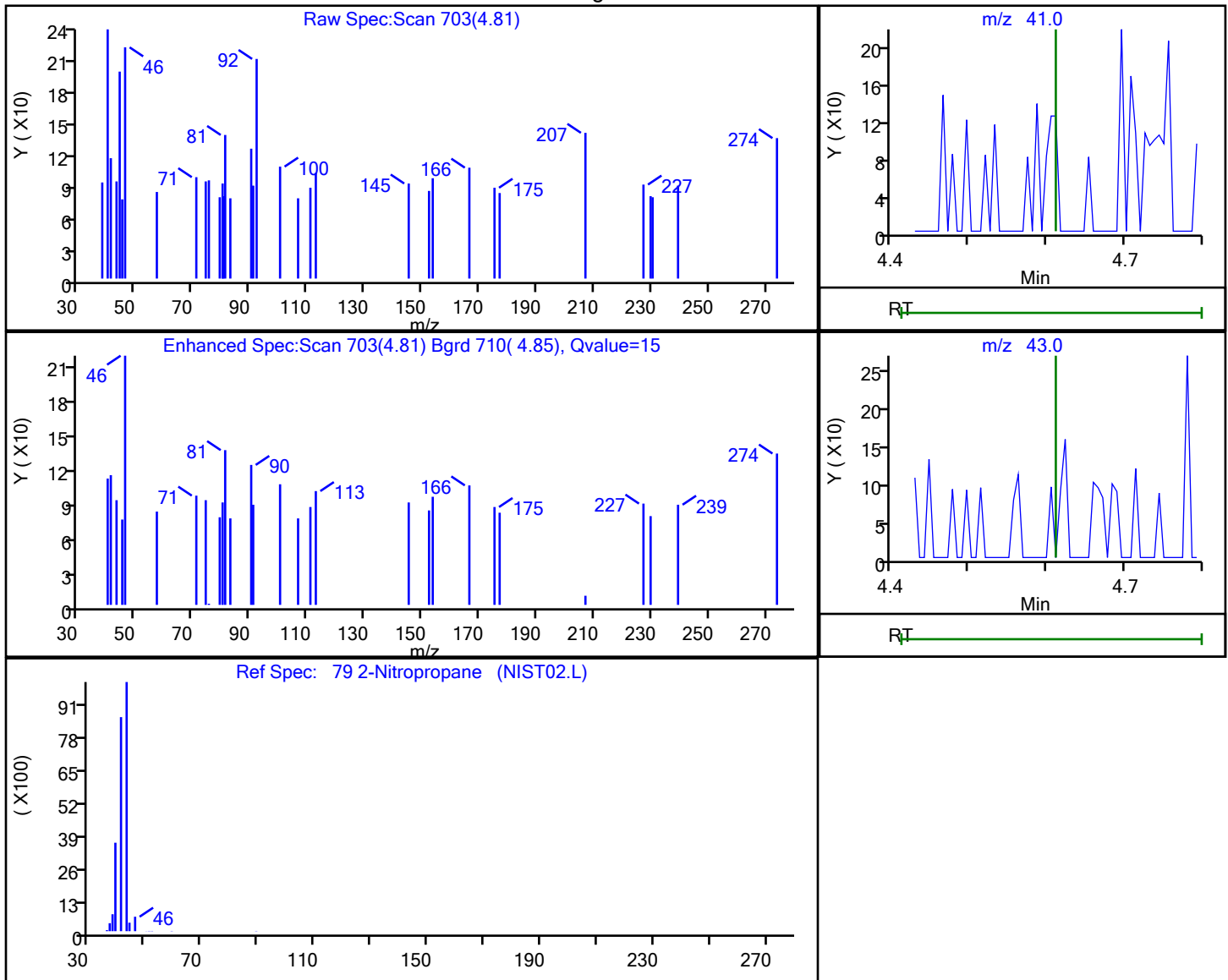
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.81	41.00	176	0.412853
4.82	43.00	198	

Reviewer: KG2Q, 25-Oct-2022 08:38:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

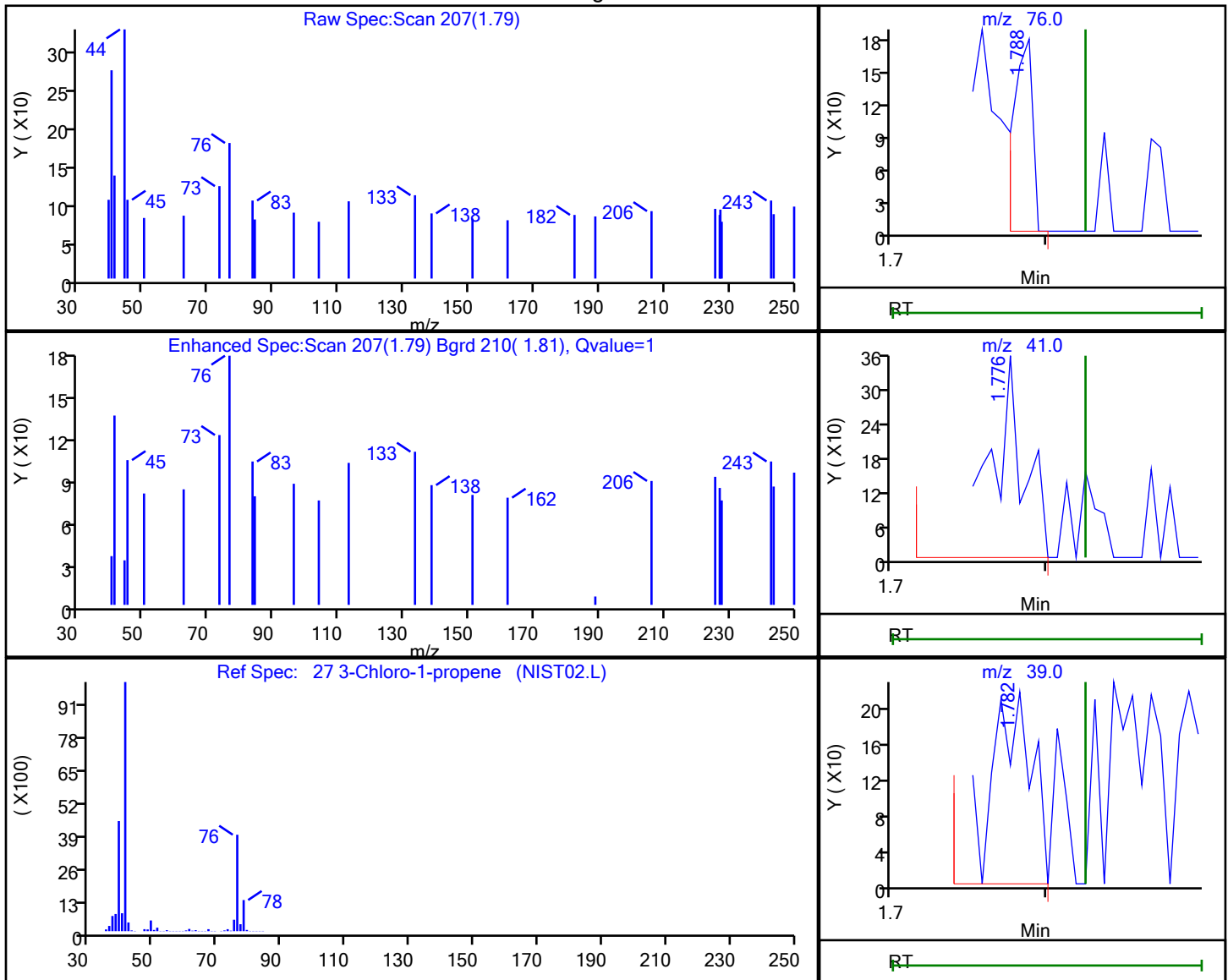
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.79	76.00	155	0.067782
1.78	41.00	581	
1.78	39.00	441	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

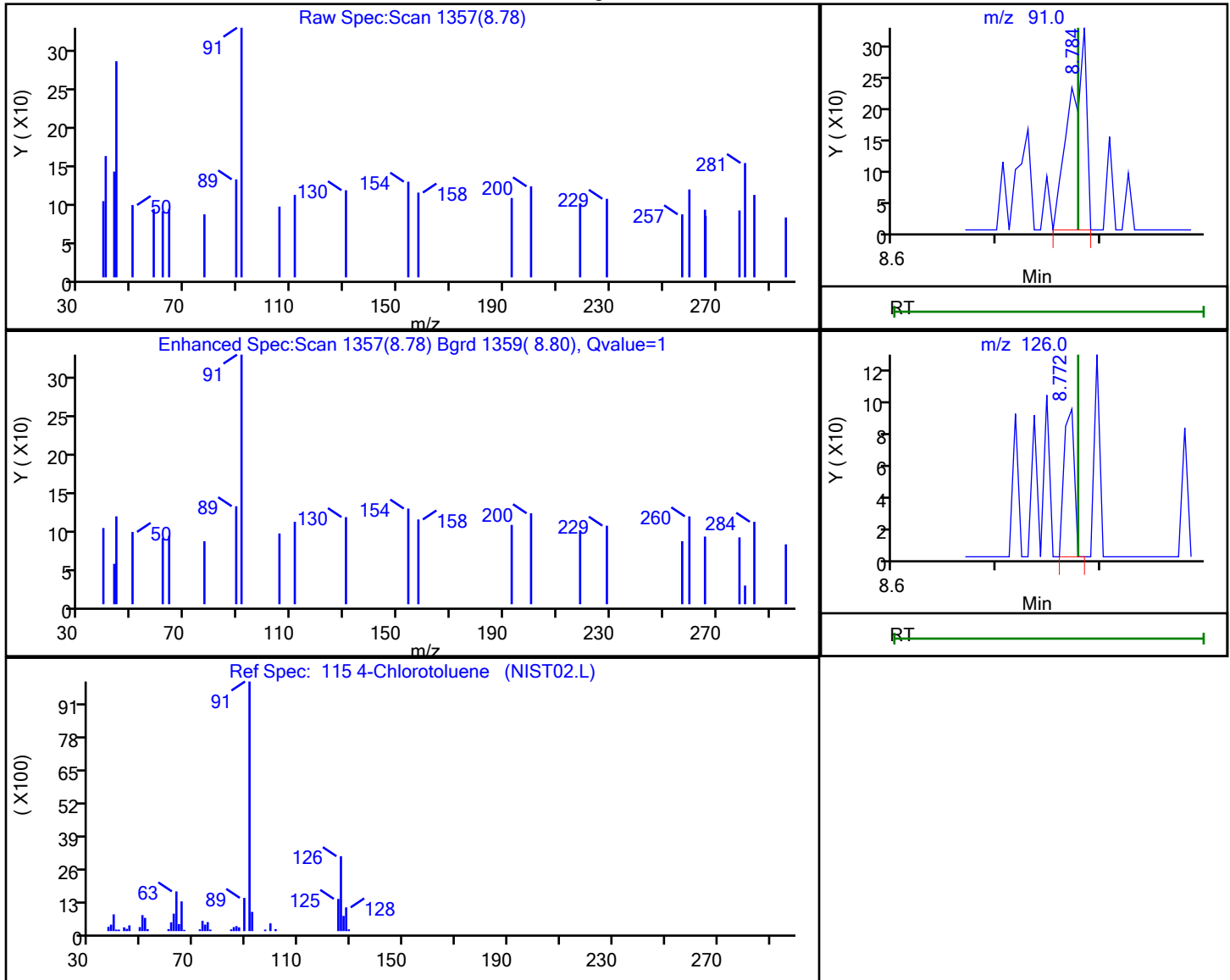
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
8.78	91.00	349	0.035752
8.77	126.00	65	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

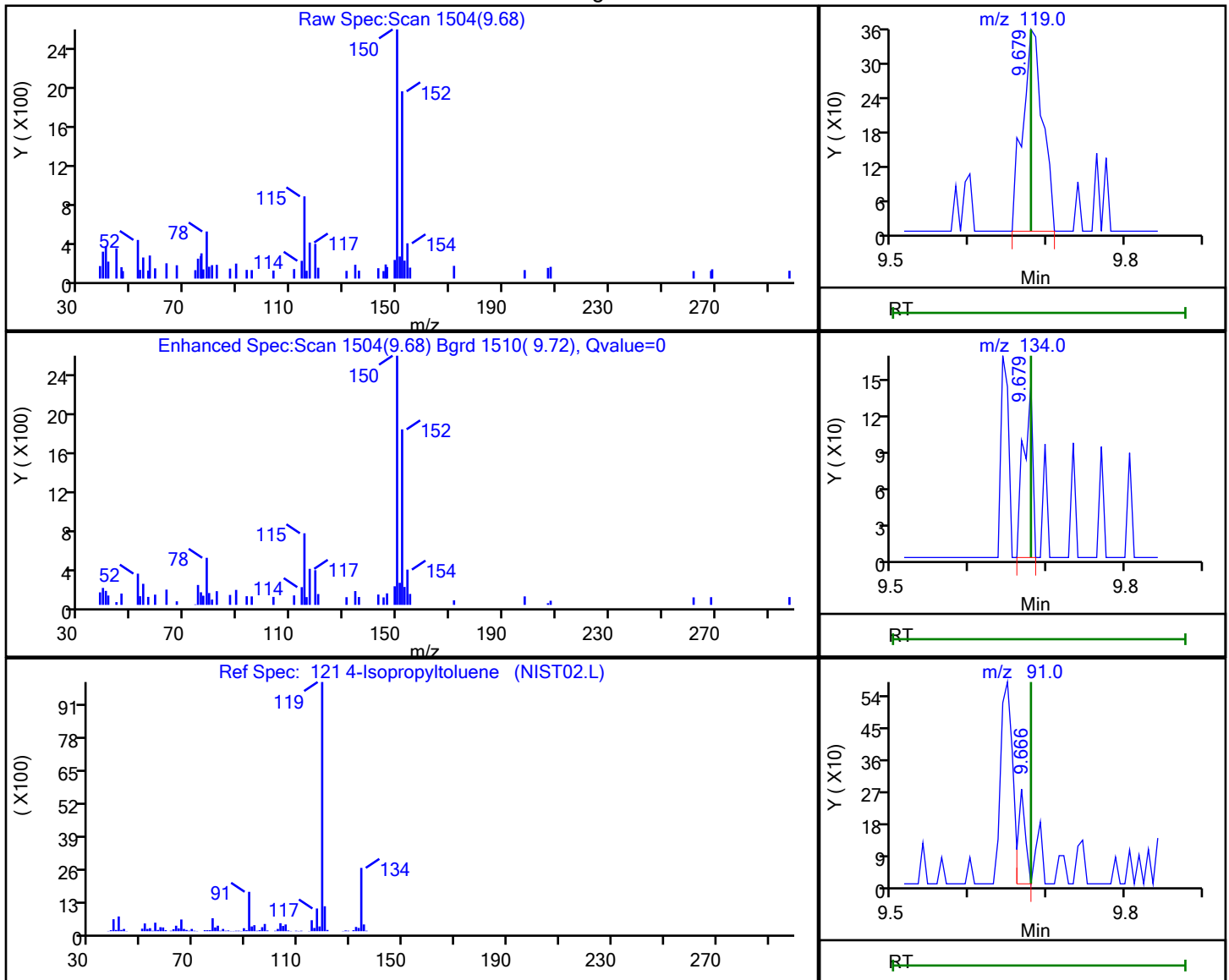
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.68	119.00	634	0.069854
9.68	134.00	114	
9.67	91.00	176	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

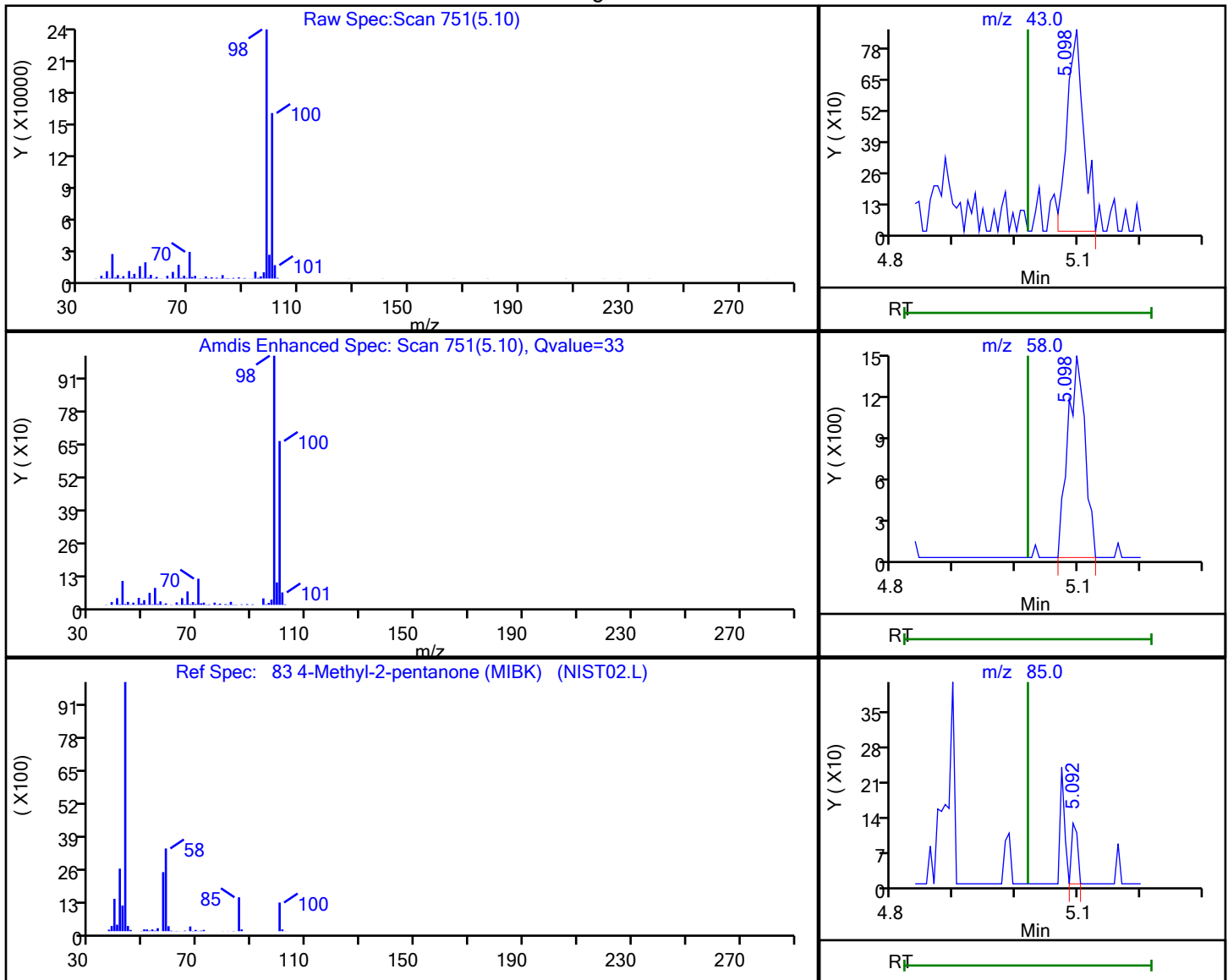
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.10	43.00	1568	0.669894
5.10	58.00	2861	
5.09	85.00	82	
5.10	100.00	274745	

Reviewer: KG2Q, 25-Oct-2022 08:38:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

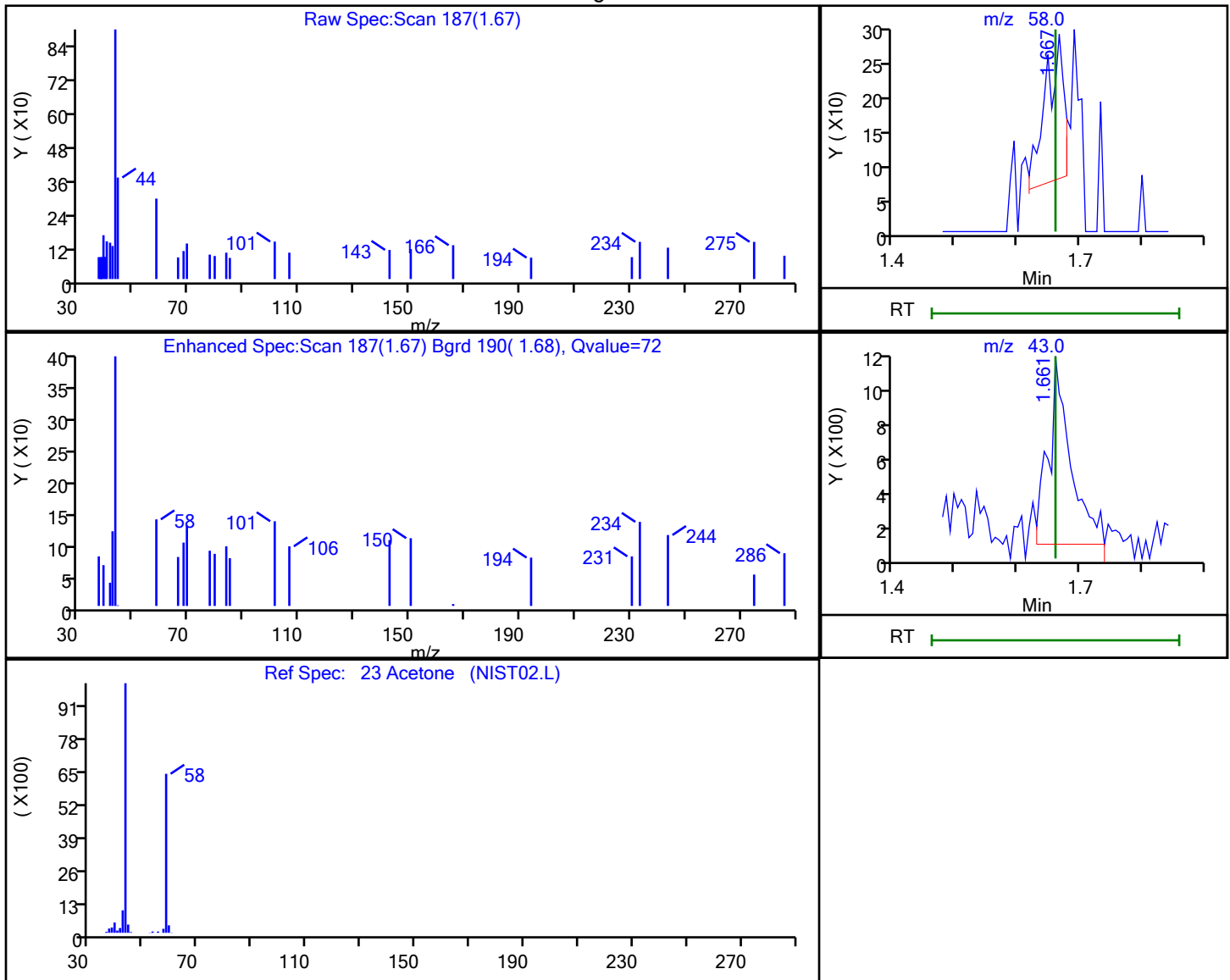
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.67	58.00	439	-13.468383
1.66	43.00	2556	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

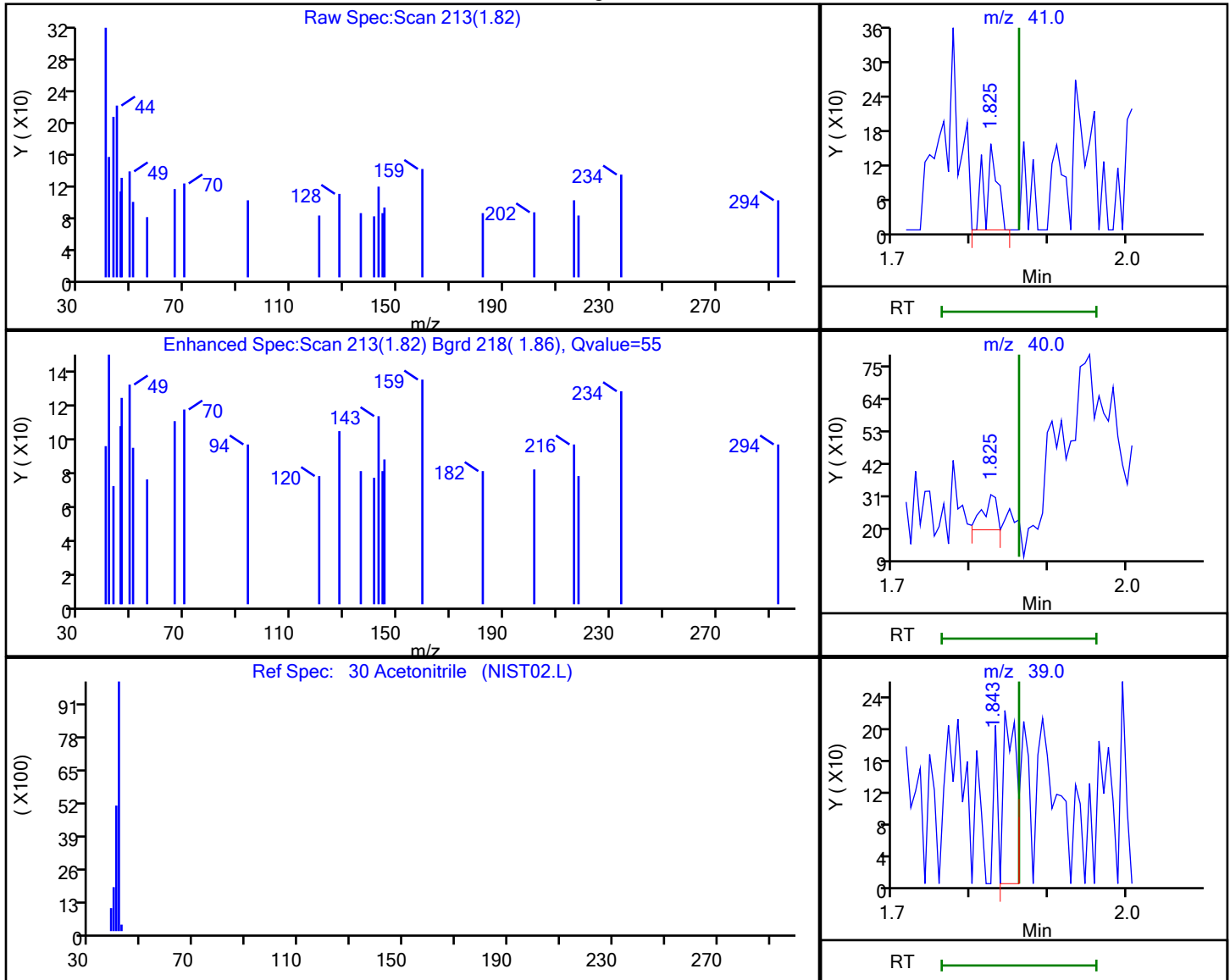
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

30 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.82	41.00	162	0.841031
1.82	40.00	149	
1.84	39.00	257	
1.81	38.00	29	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

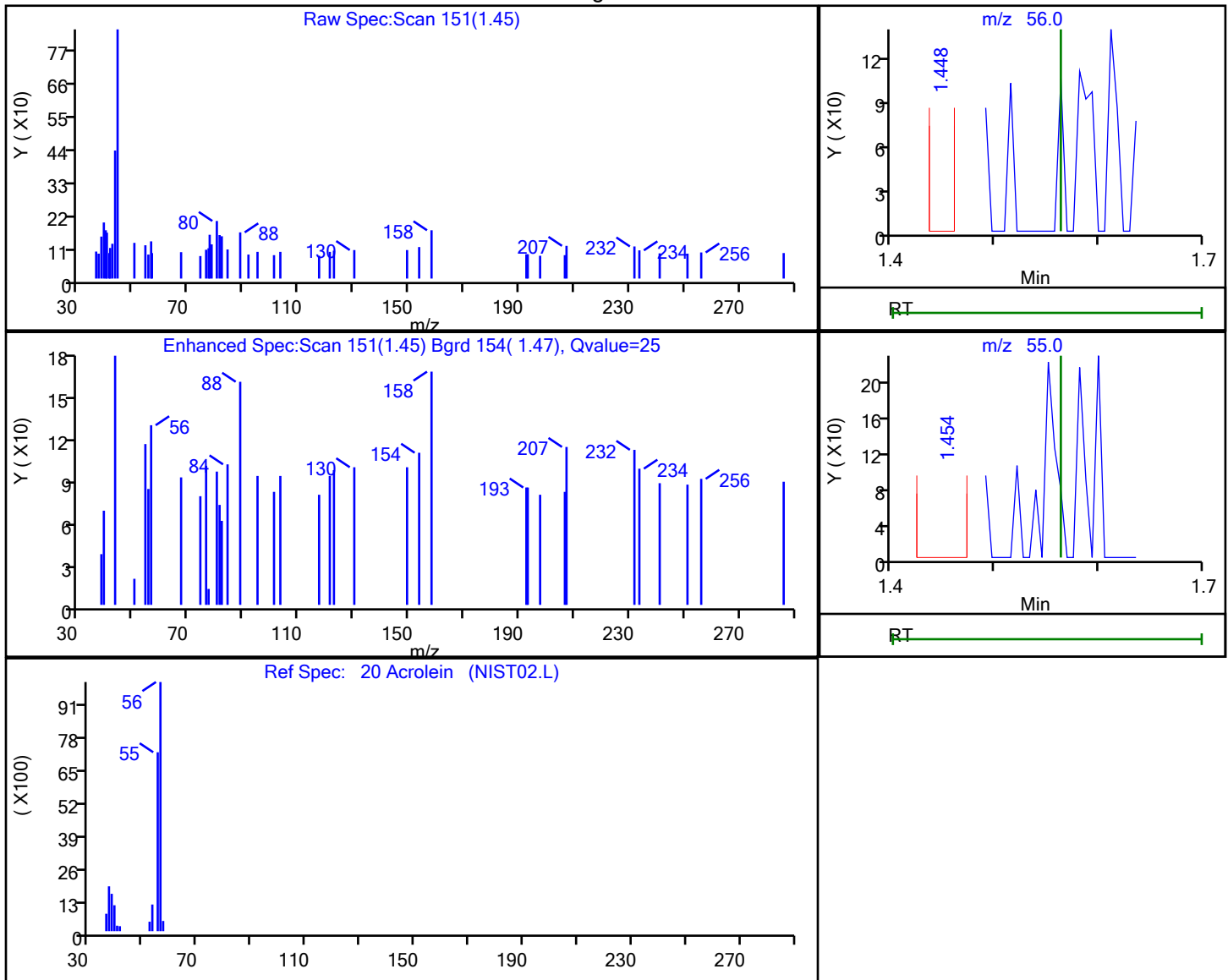
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

20 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.45	56.00	76	2.597711
1.45	55.00	208	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

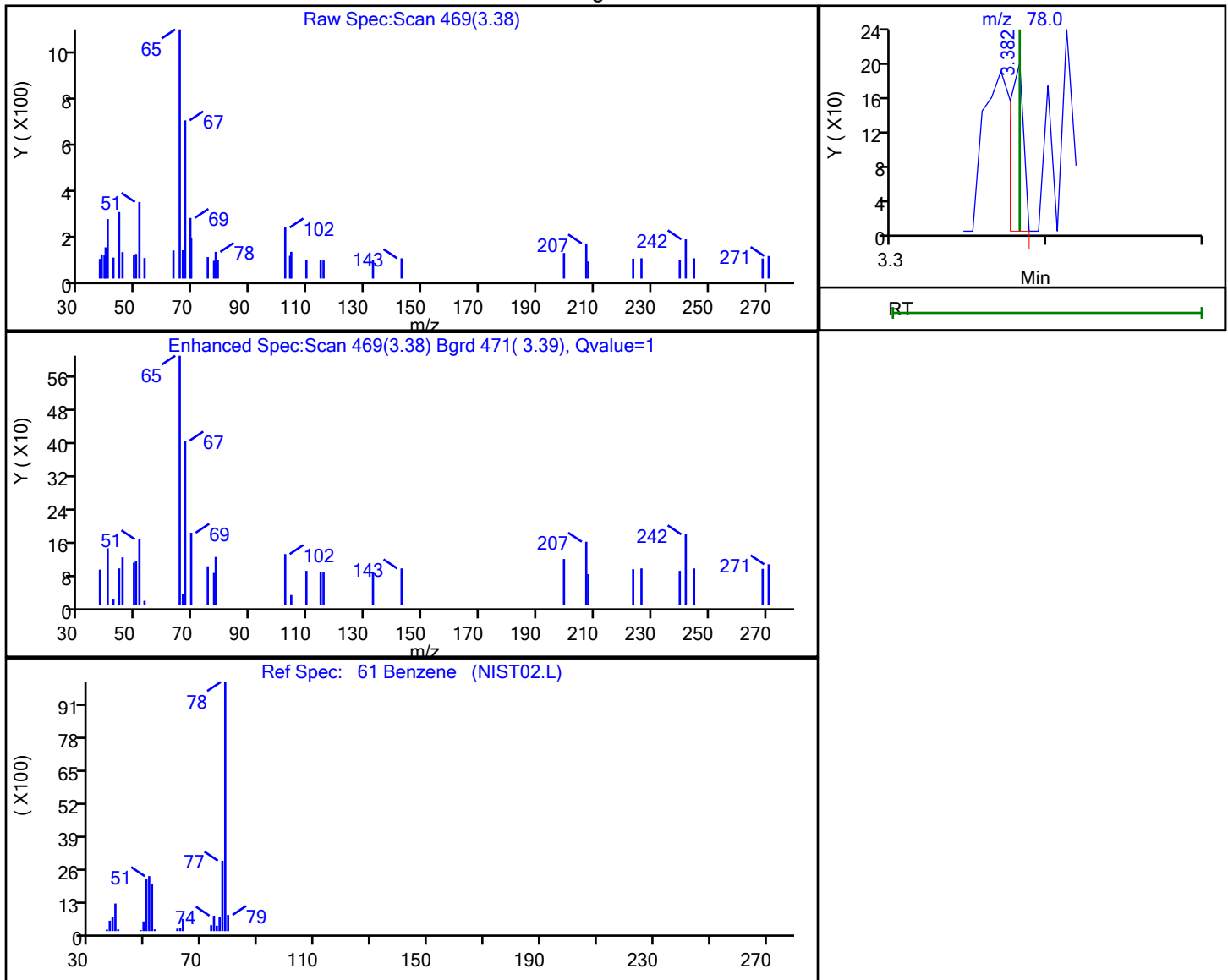
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

61 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.38	78.00	130	0.009905

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

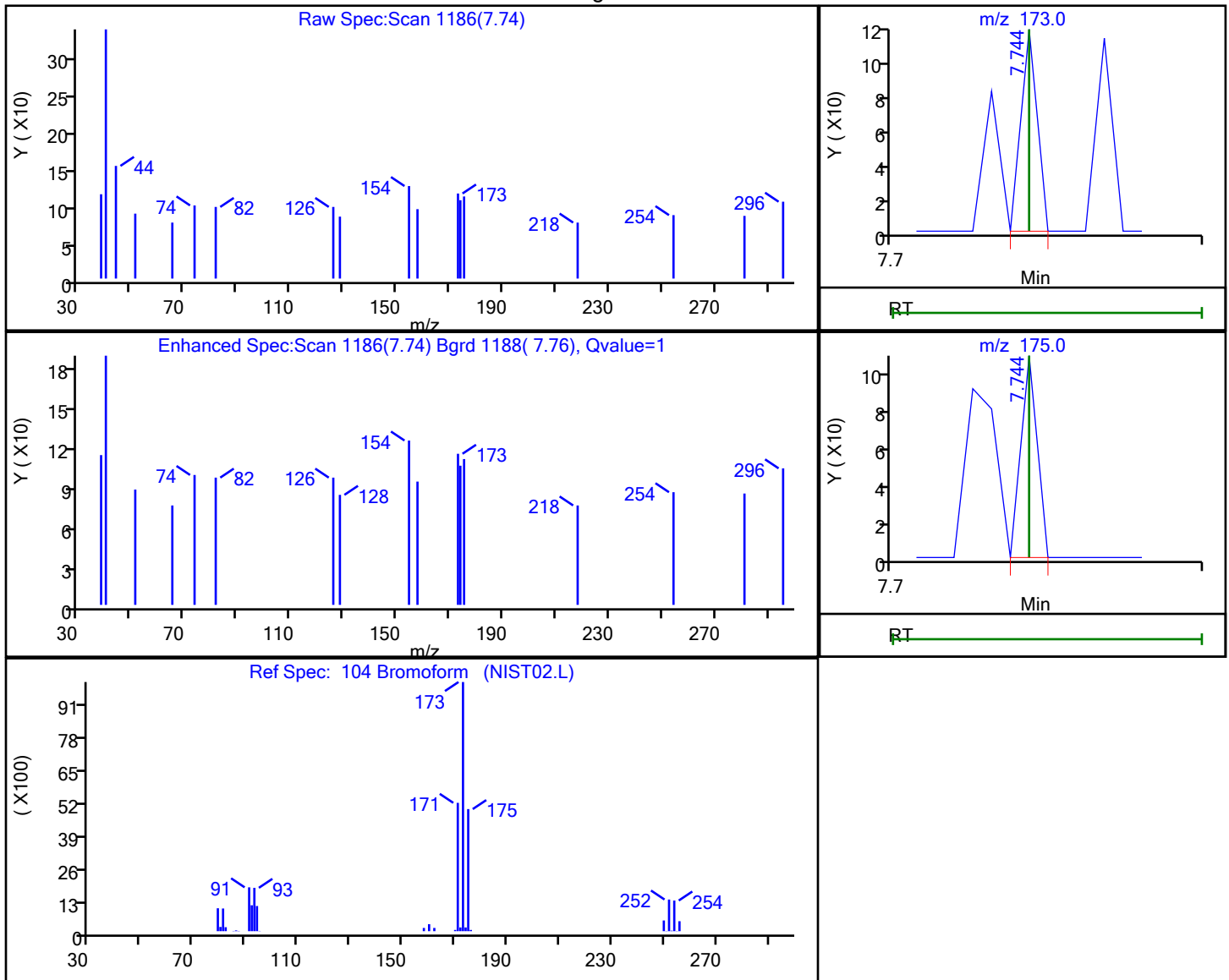
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
7.74	173.00	42	0.028057
7.74	175.00	40	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

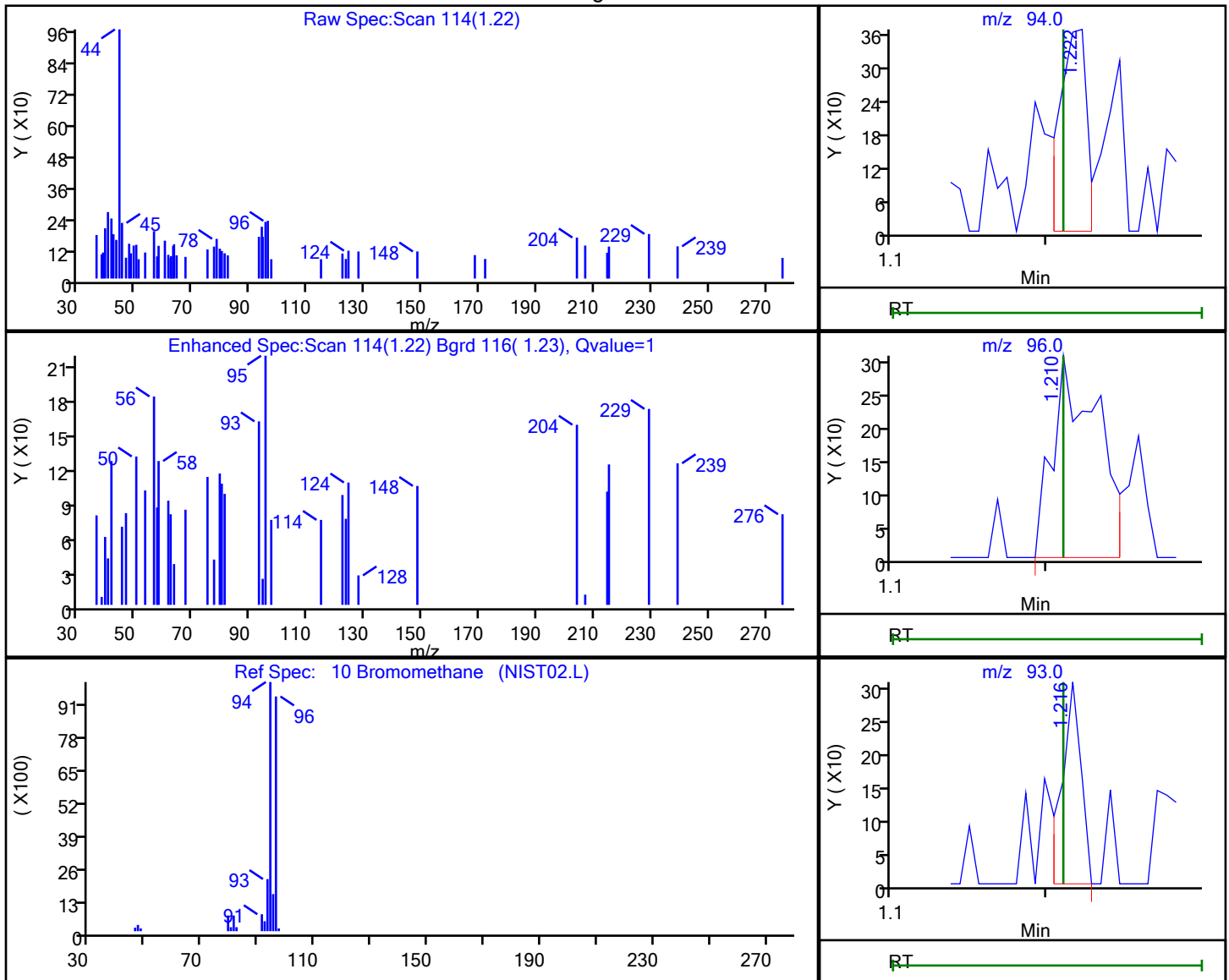
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.22	94.00	453	0.156370
1.21	96.00	629	
1.22	93.00	266	

Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

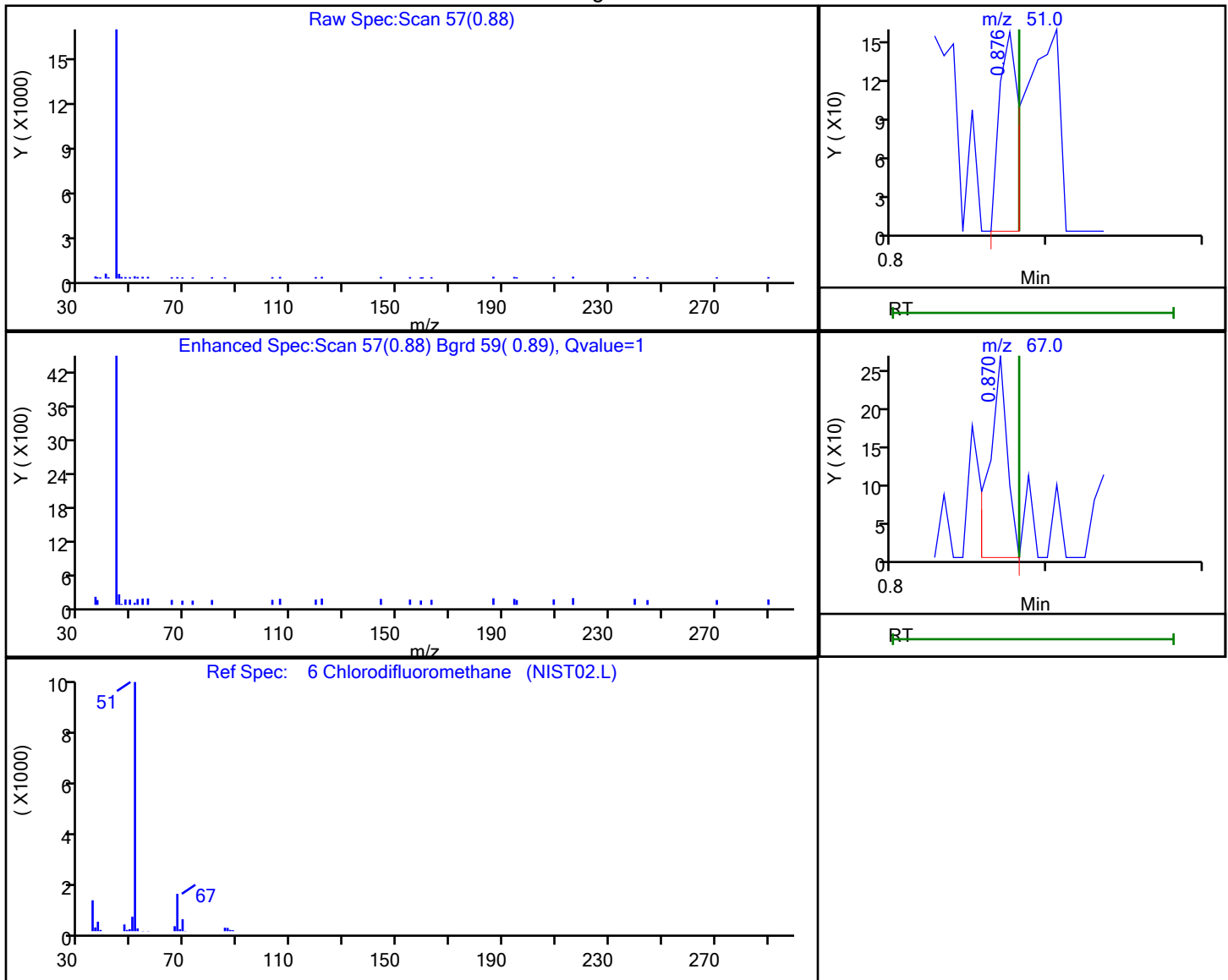
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

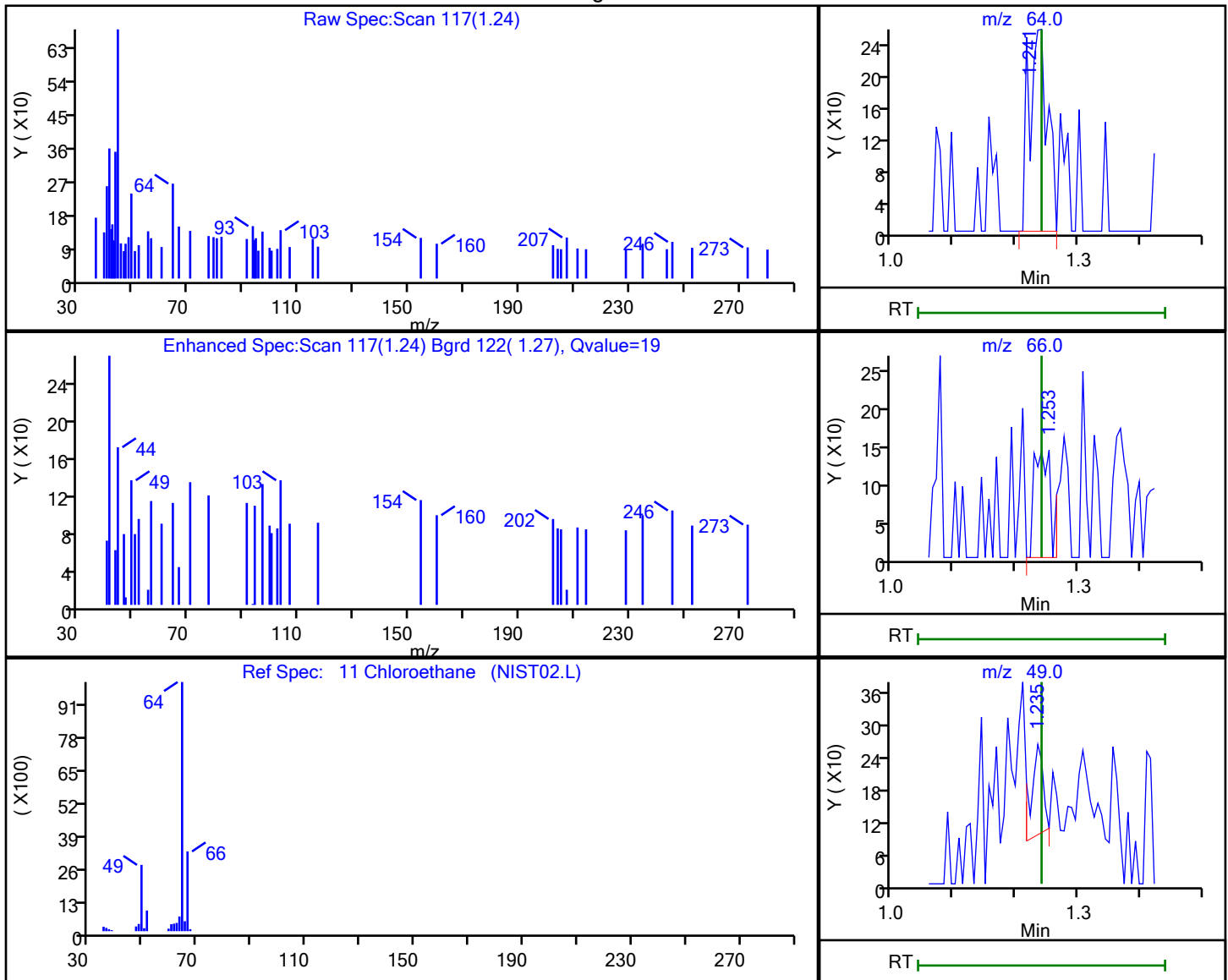
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.24	64.00	537	0.228293
1.25	66.00	270	
1.23	49.00	225	

Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

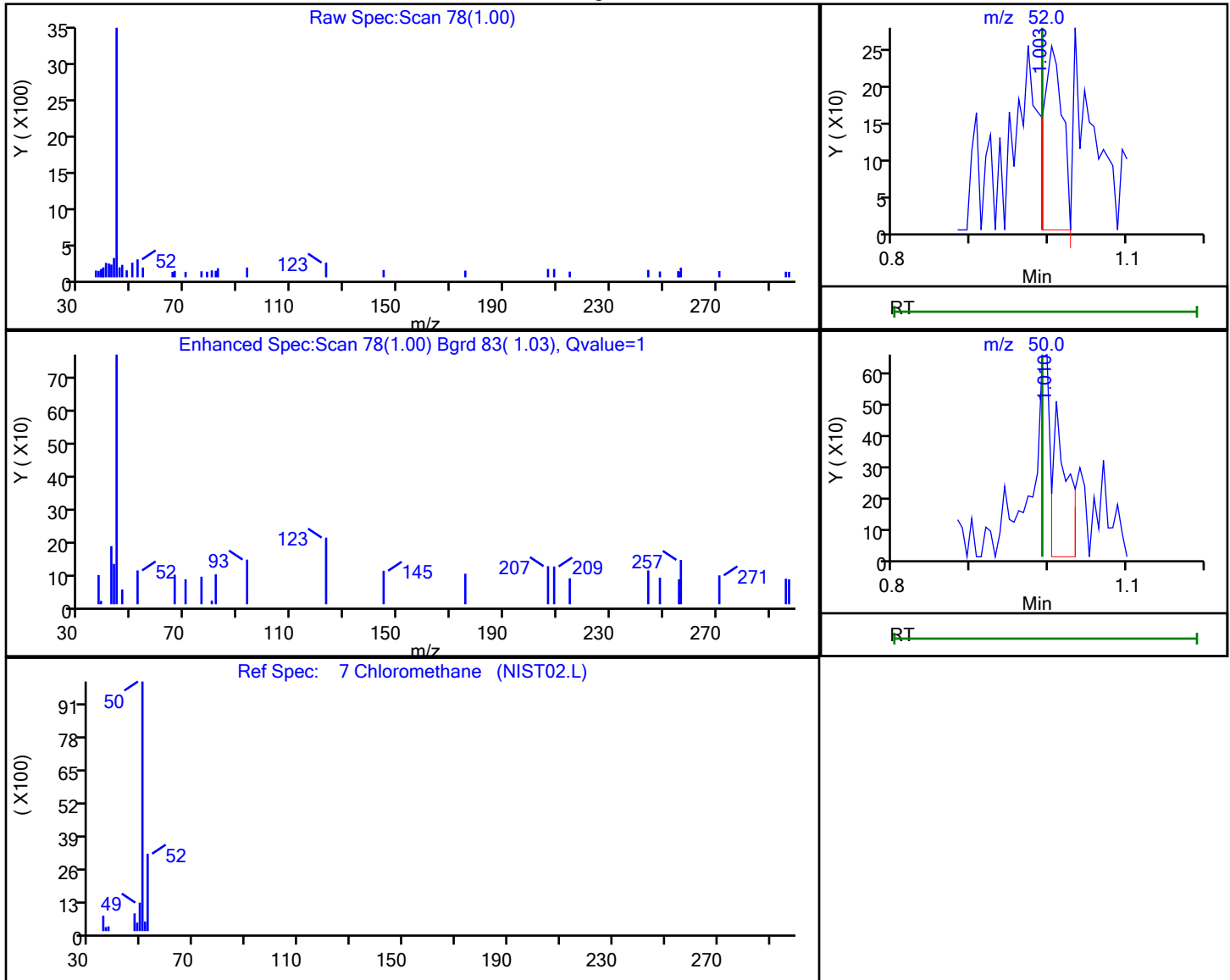
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.00	52.00	411	0.256942
1.01	50.00	637	

Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

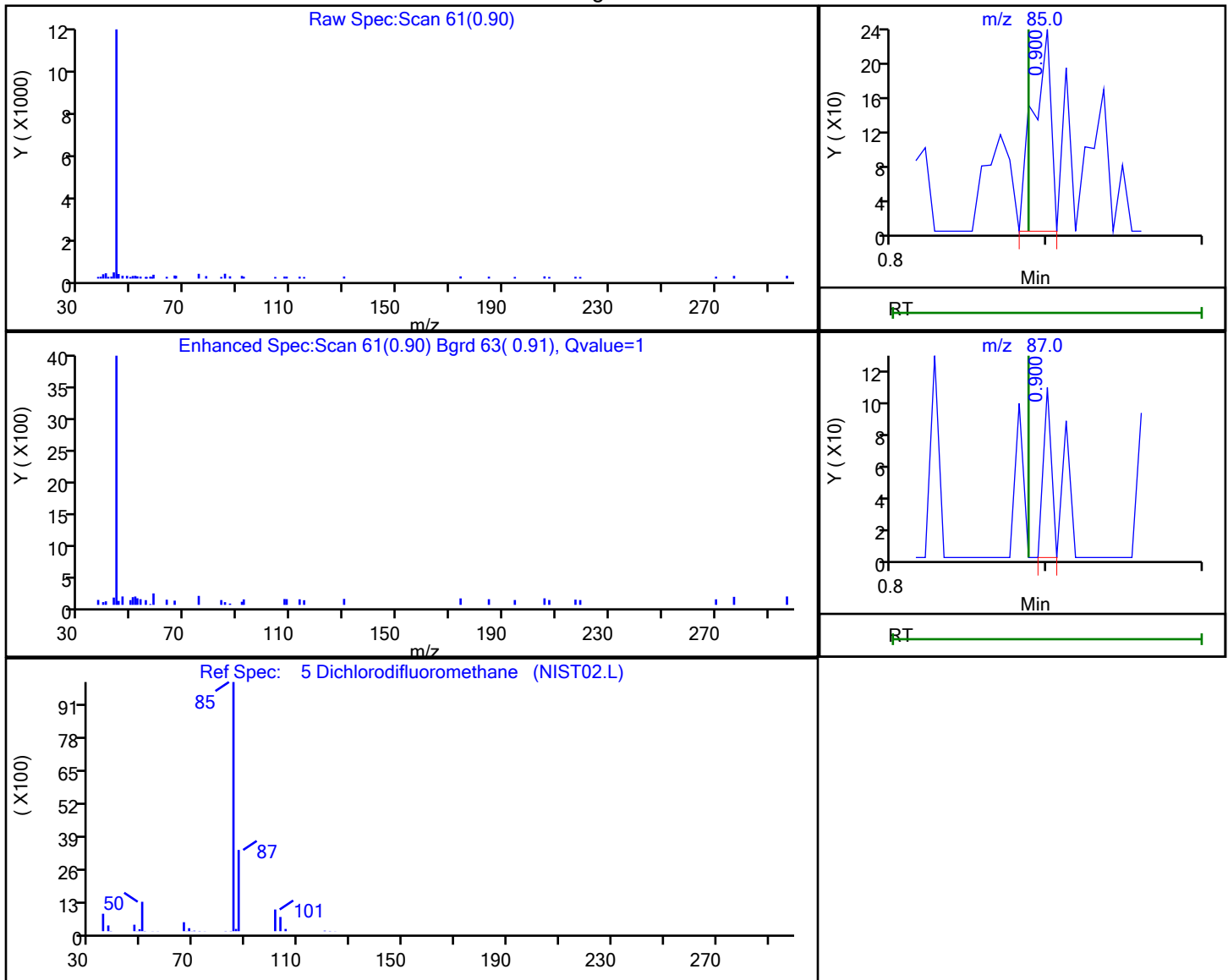
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.90	85.00	184	0.042567
0.90	87.00	39	

Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

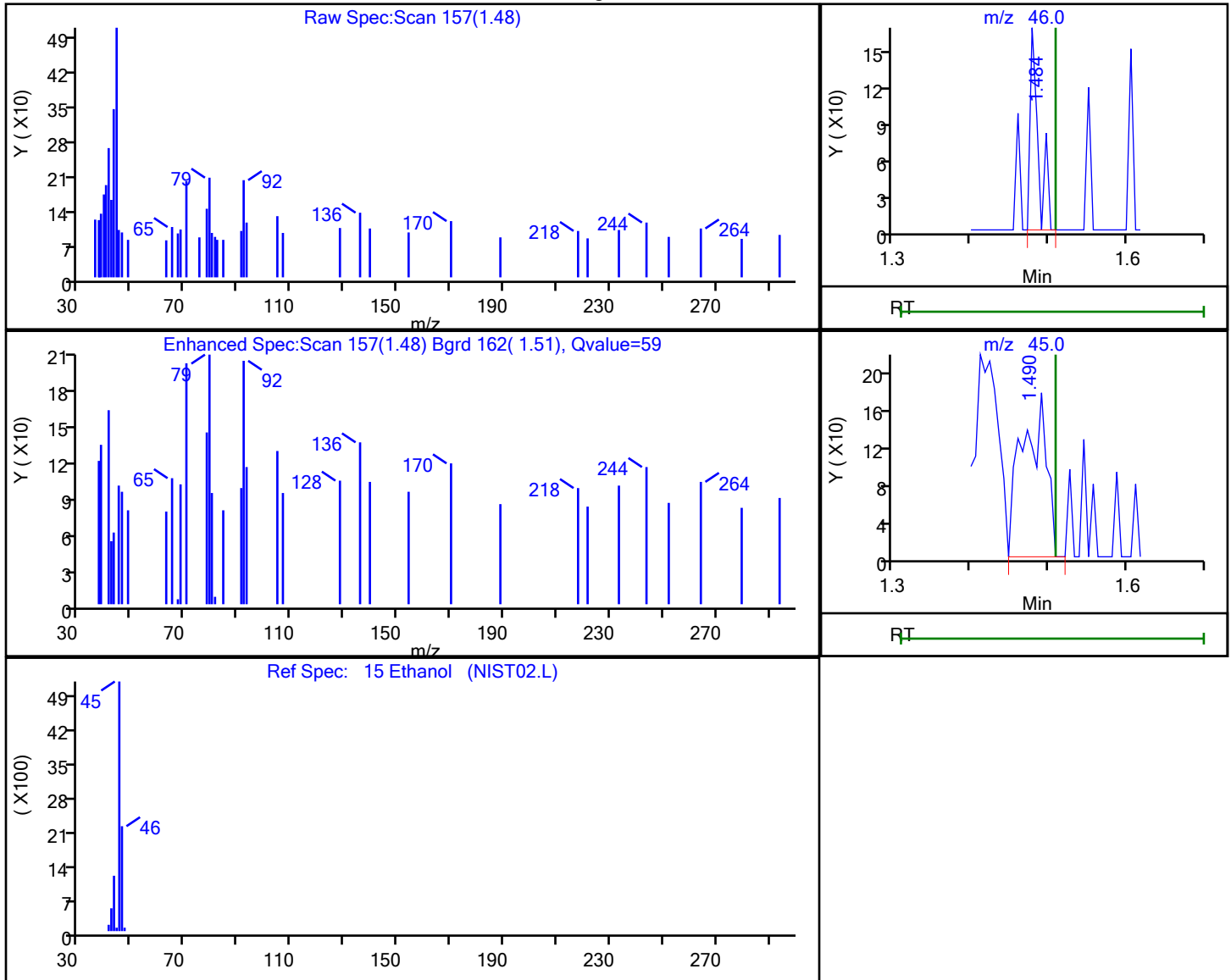
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.48	46.00	121	25.120109
1.49	45.00	381	

Reviewer: KG2Q, 25-Oct-2022 08:37:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

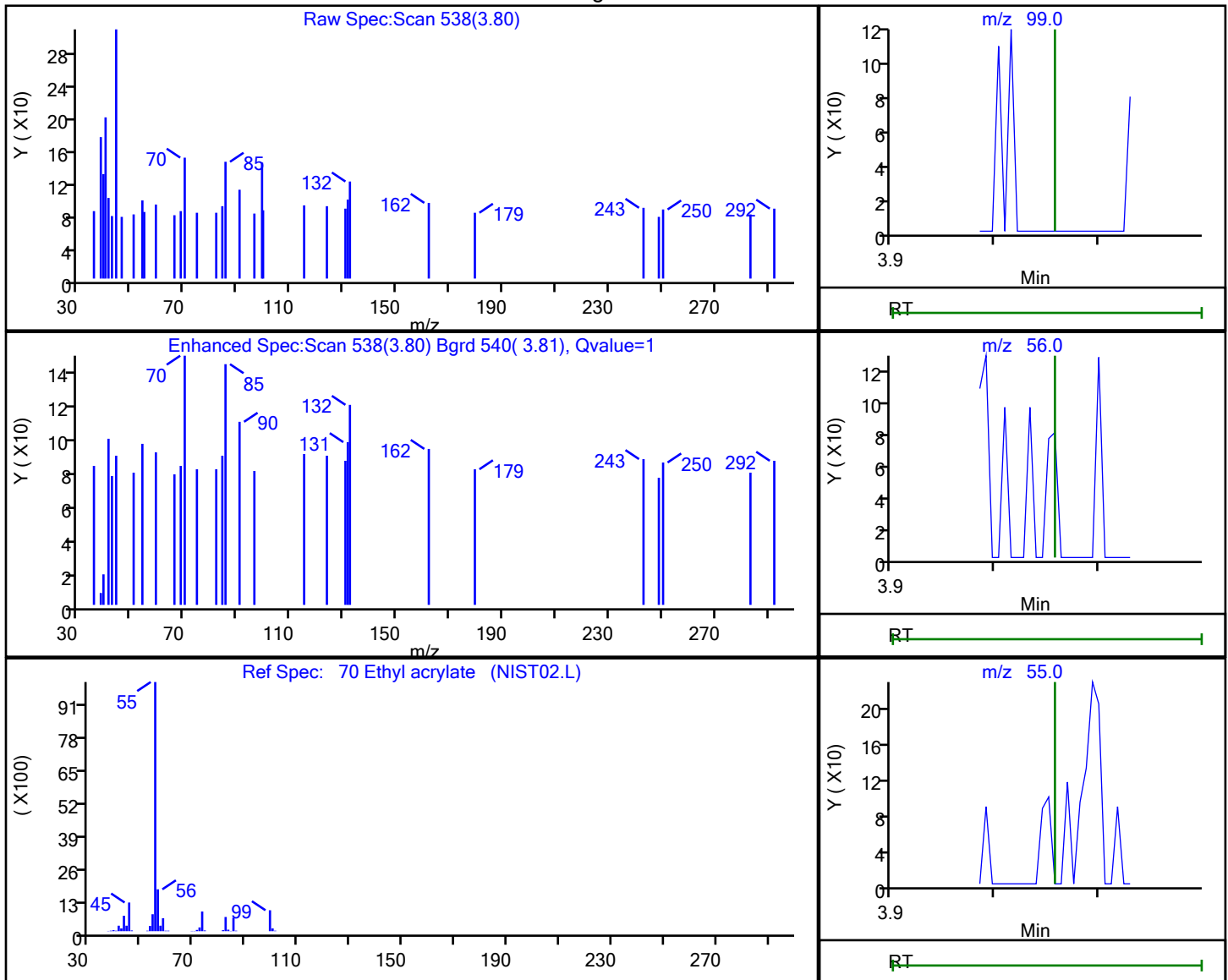
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
3.80	99.00	177	0.559117
3.80	56.00	59	
3.80	55.00	181	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

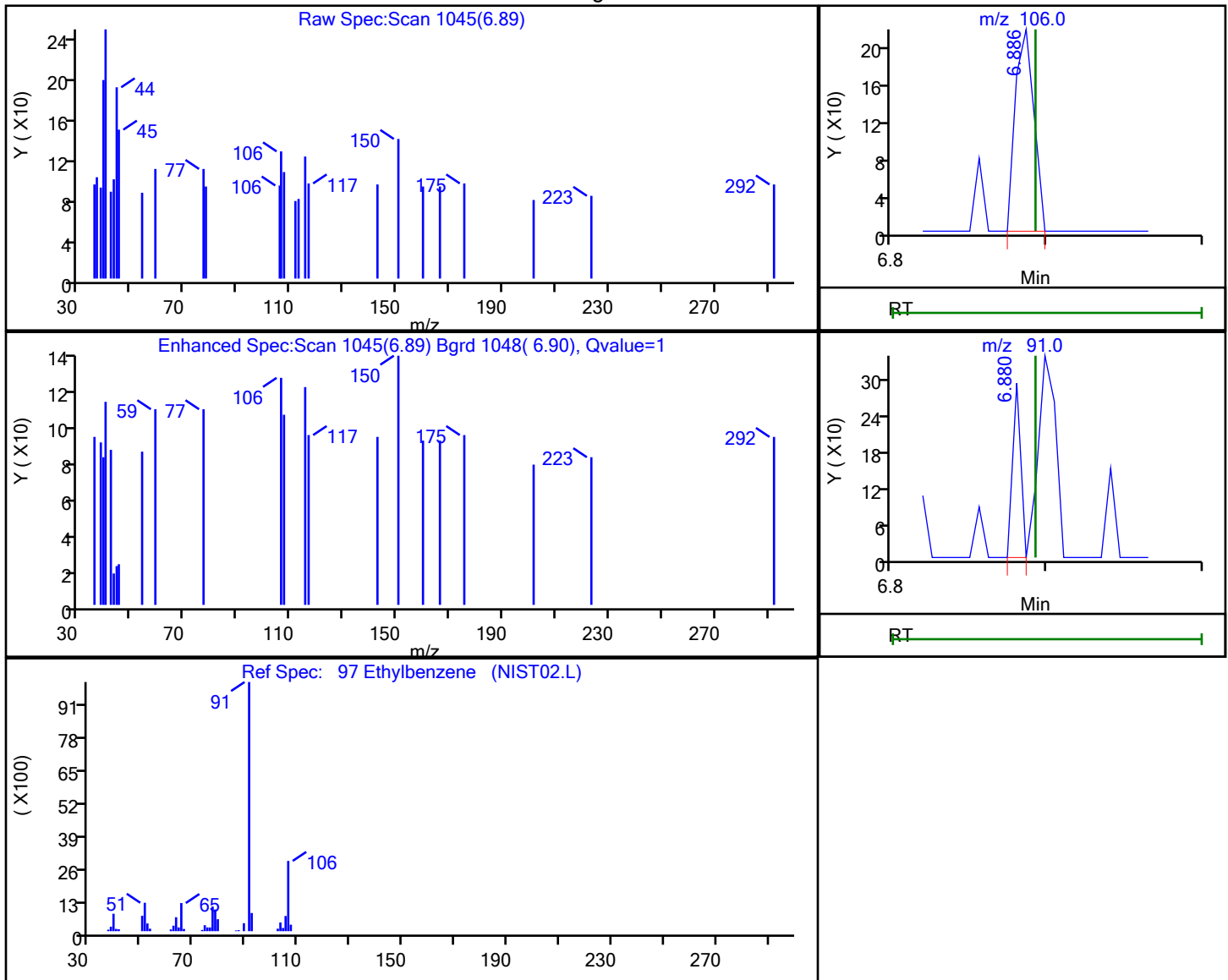
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

97 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
6.89	106.00	178	0.041544
6.88	91.00	107	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

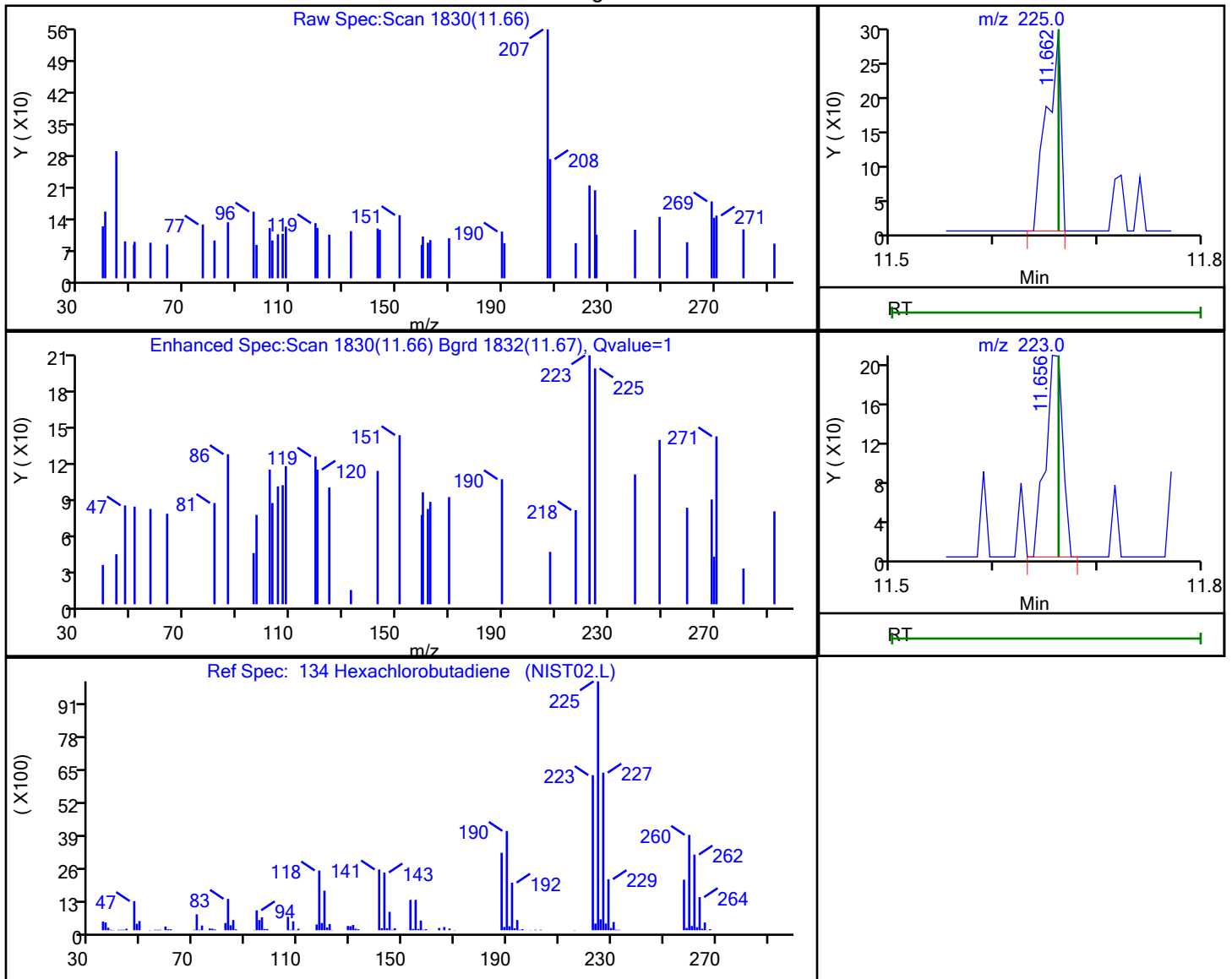
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
11.66	225.00	281	0.263107
11.66	223.00	243	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

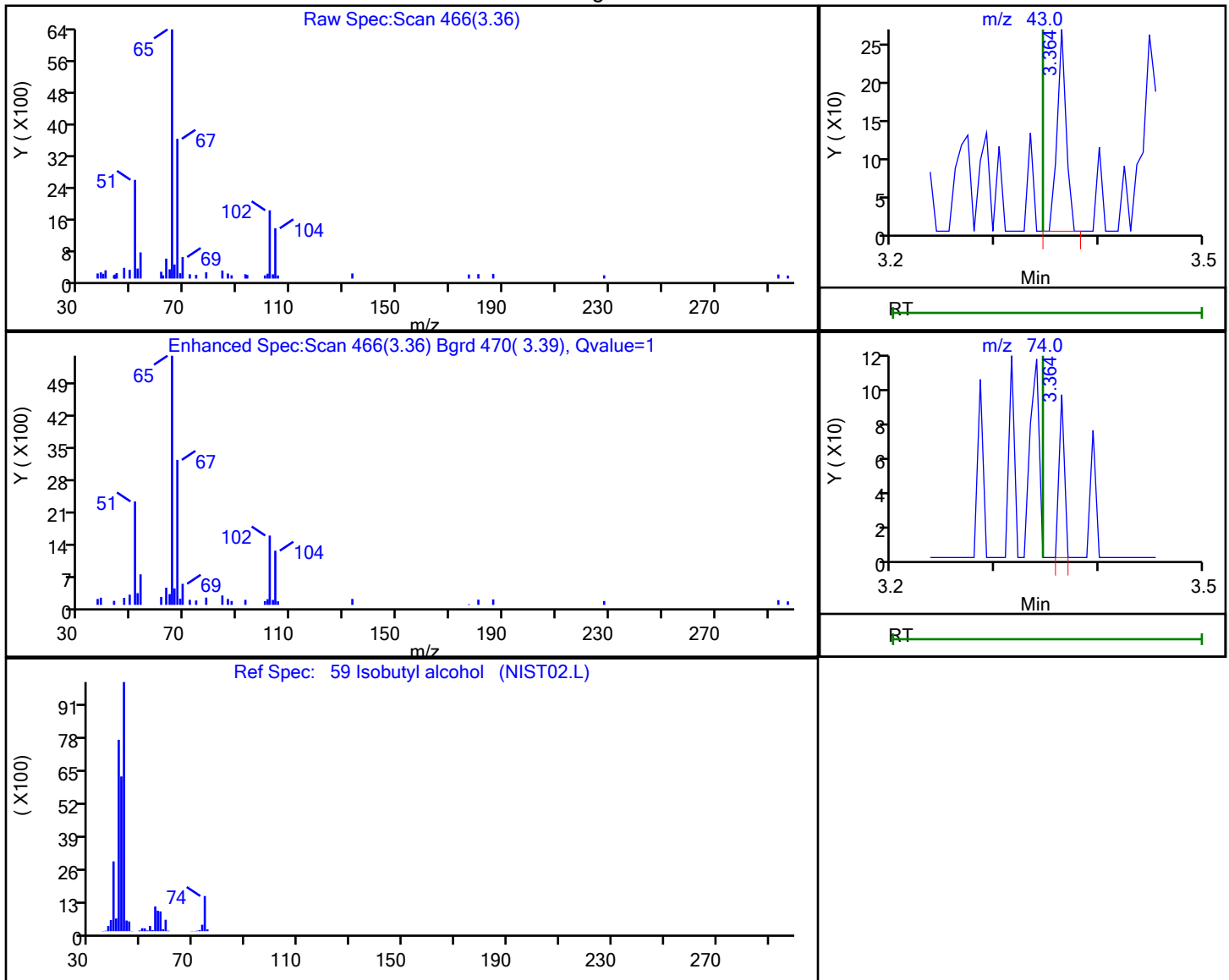
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.36	43.00	162	0.514570
3.36	74.00	35	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

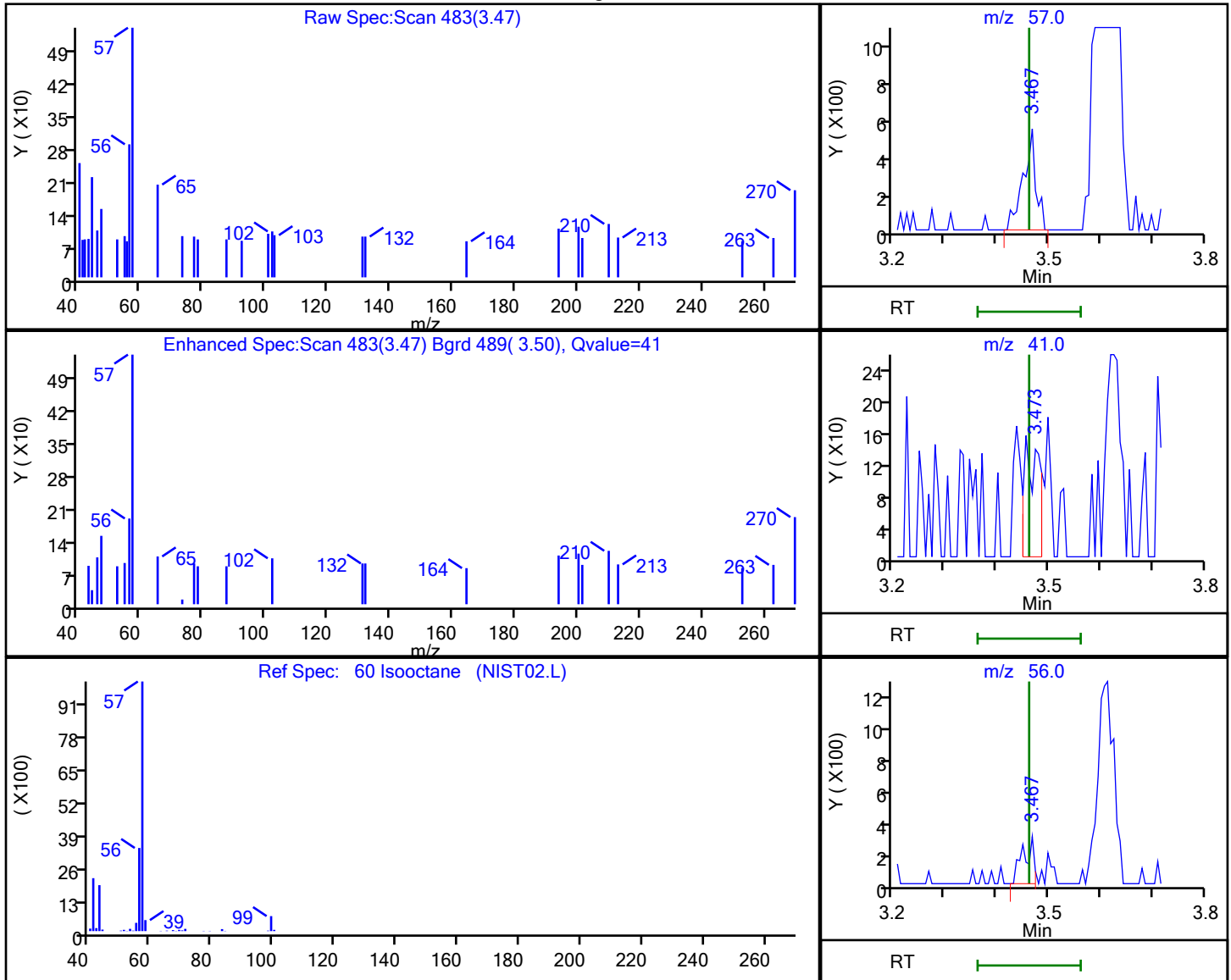
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

60 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.47	57.00	907	0.158042
3.47	41.00	284	
3.47	56.00	411	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

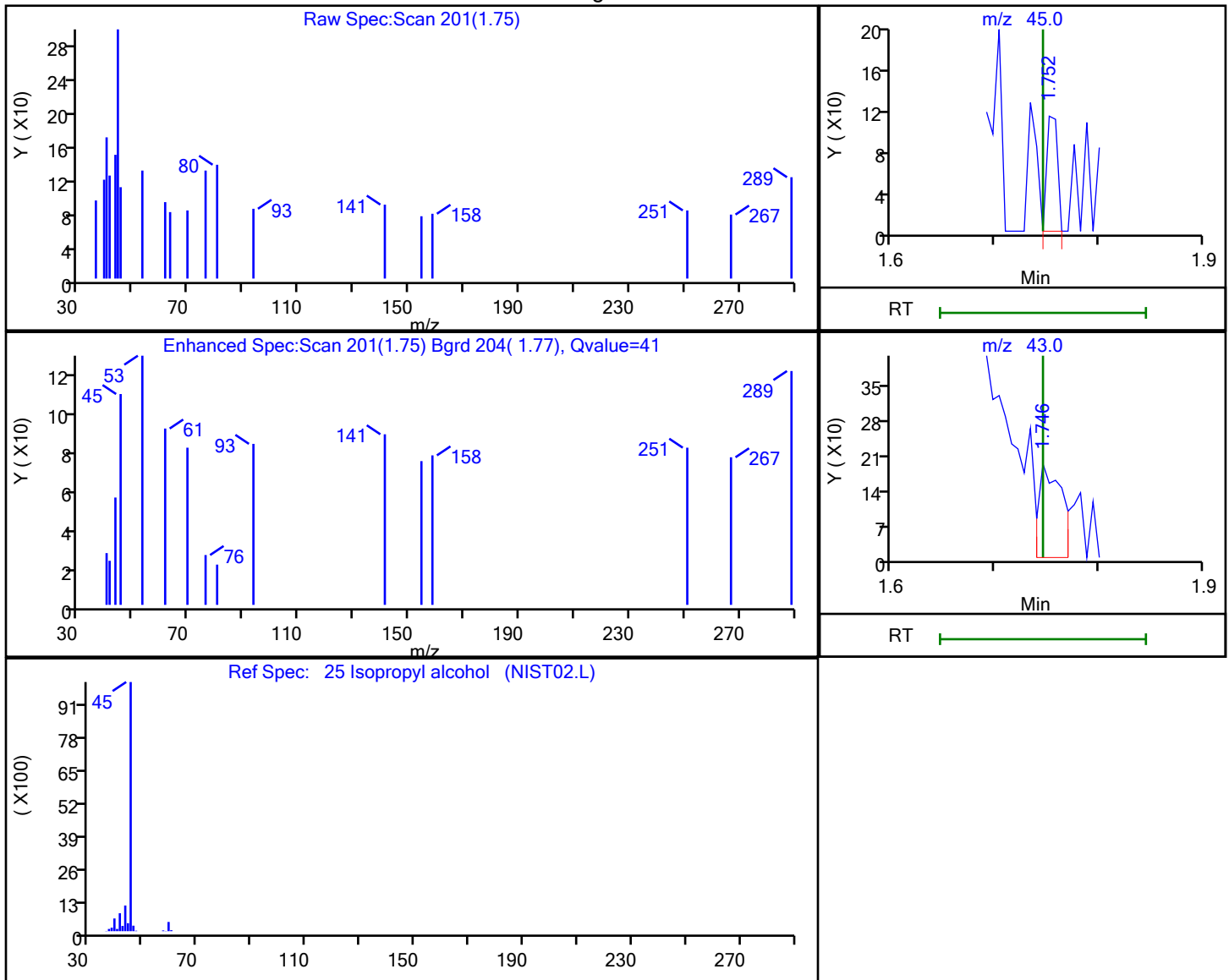
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.75	45.00	79	1.521047
1.75	43.00	293	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

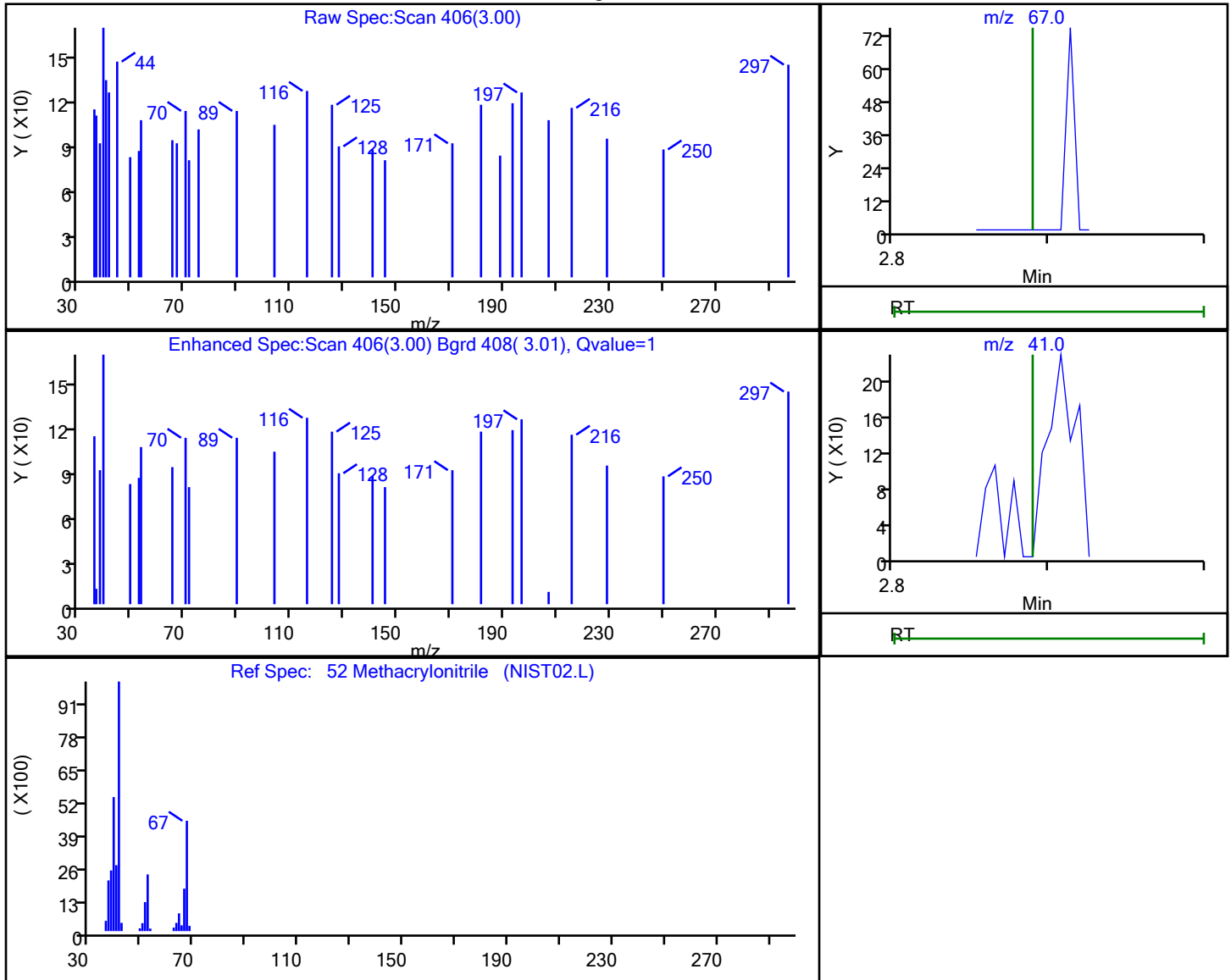
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

52 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.00	67.00	32	0.025468
2.99	41.00	177	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

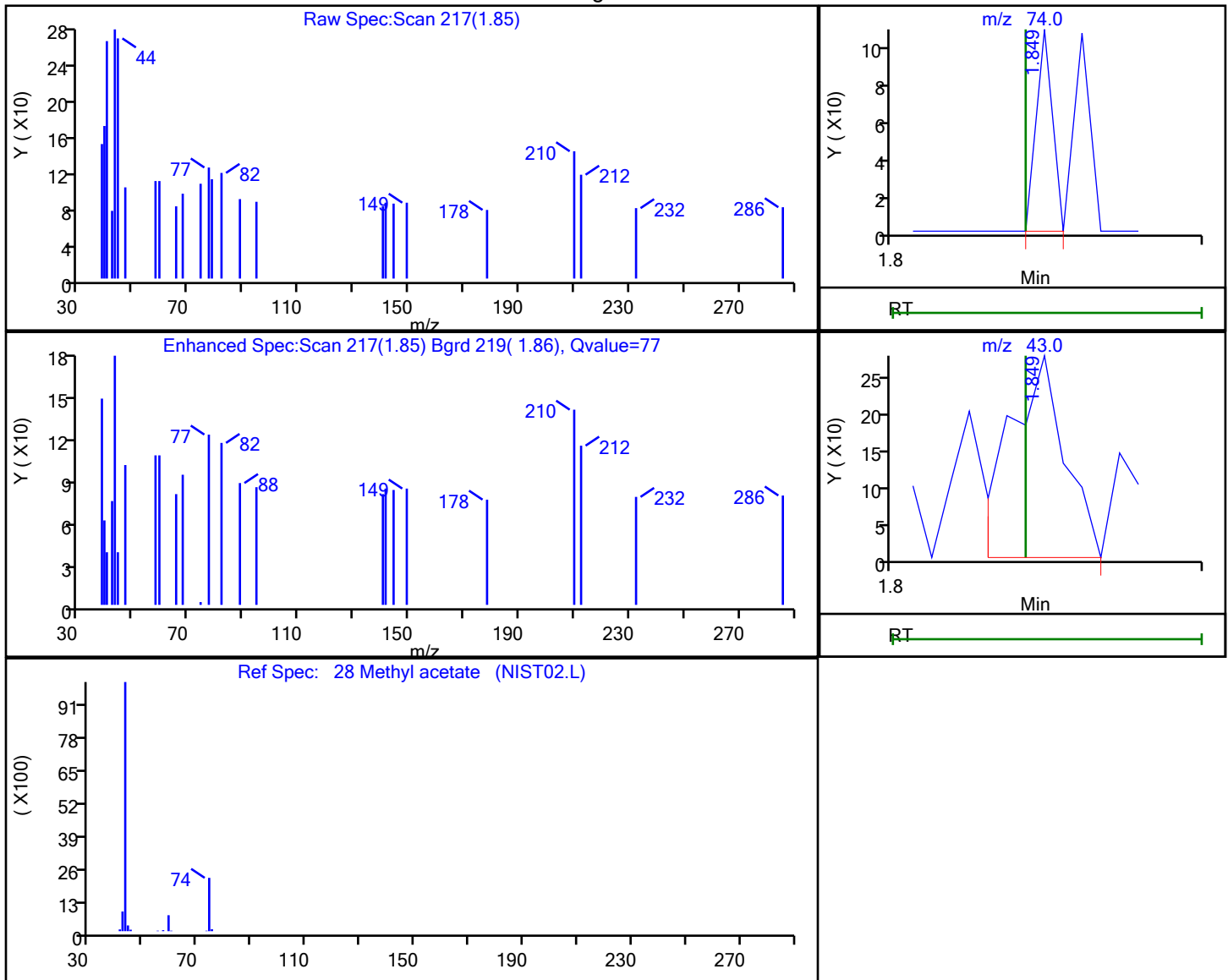
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
1.85	74.00	38	0.063488
1.85	43.00	349	

Reviewer: KG2Q, 25-Oct-2022 08:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

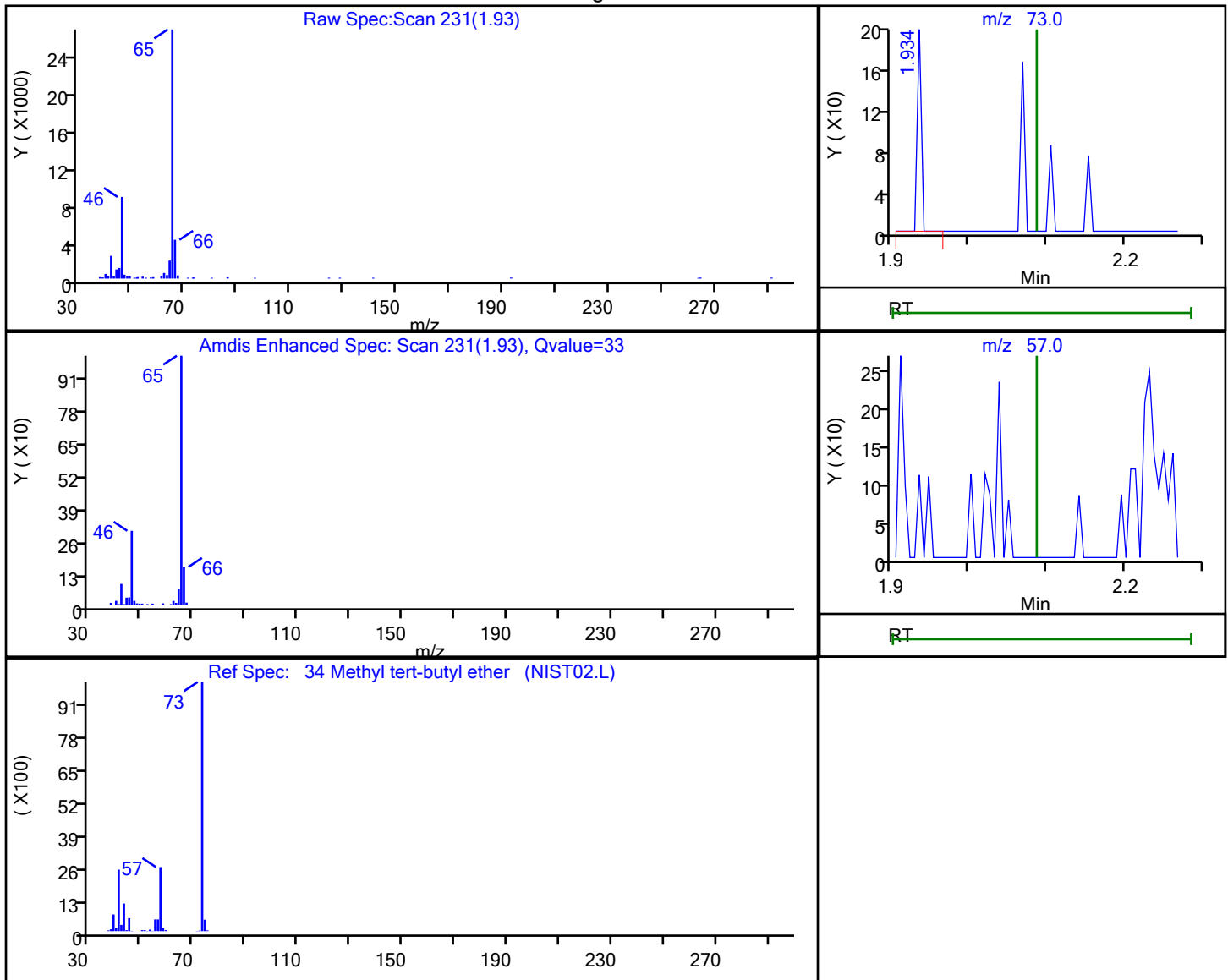
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.93	73.00	73	0.008101
2.07	57.00	0	

Reviewer: KG2Q, 25-Oct-2022 08:37:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

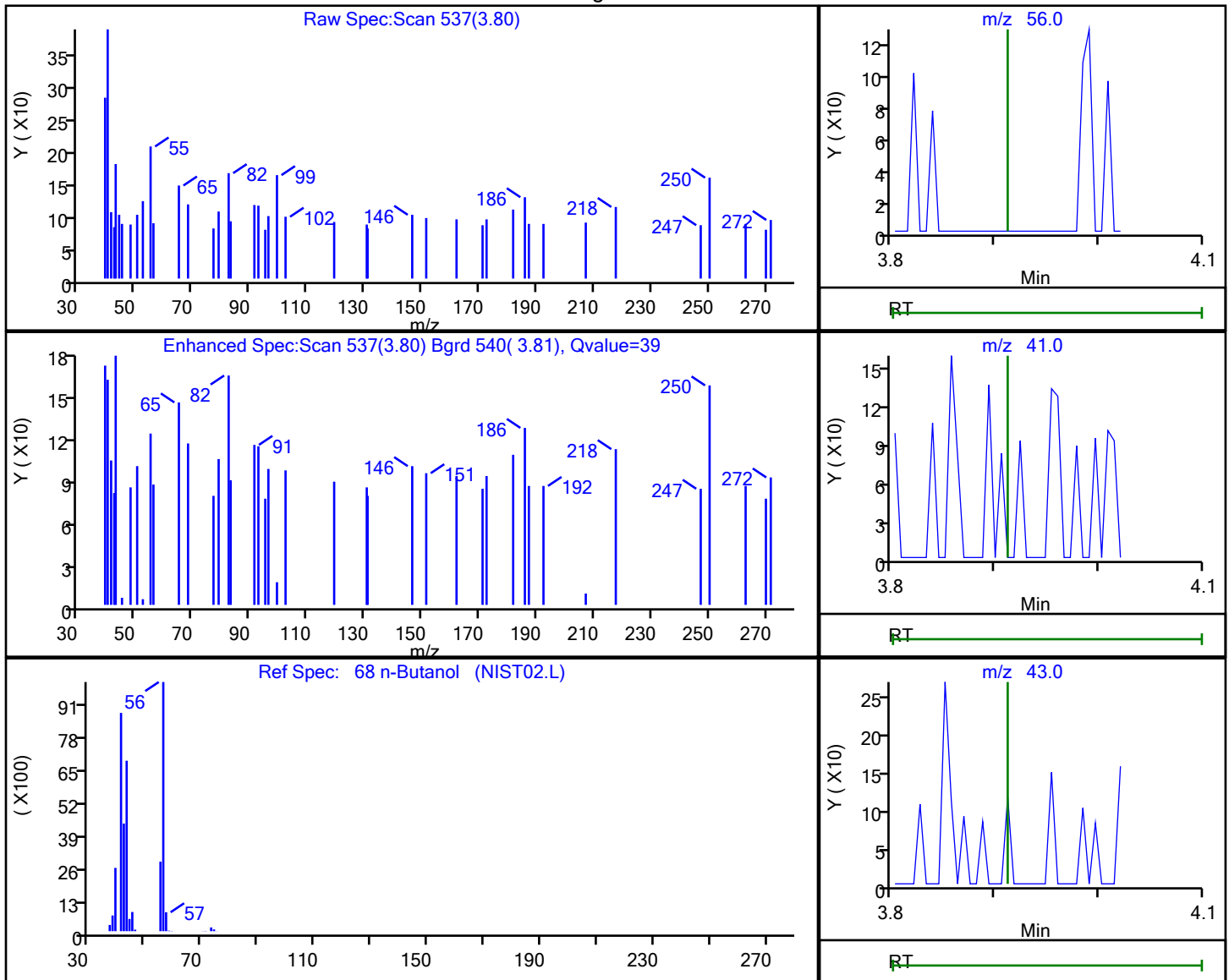
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.80	56.00	59	1.284742
3.79	41.00	247	
3.80	43.00	142	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

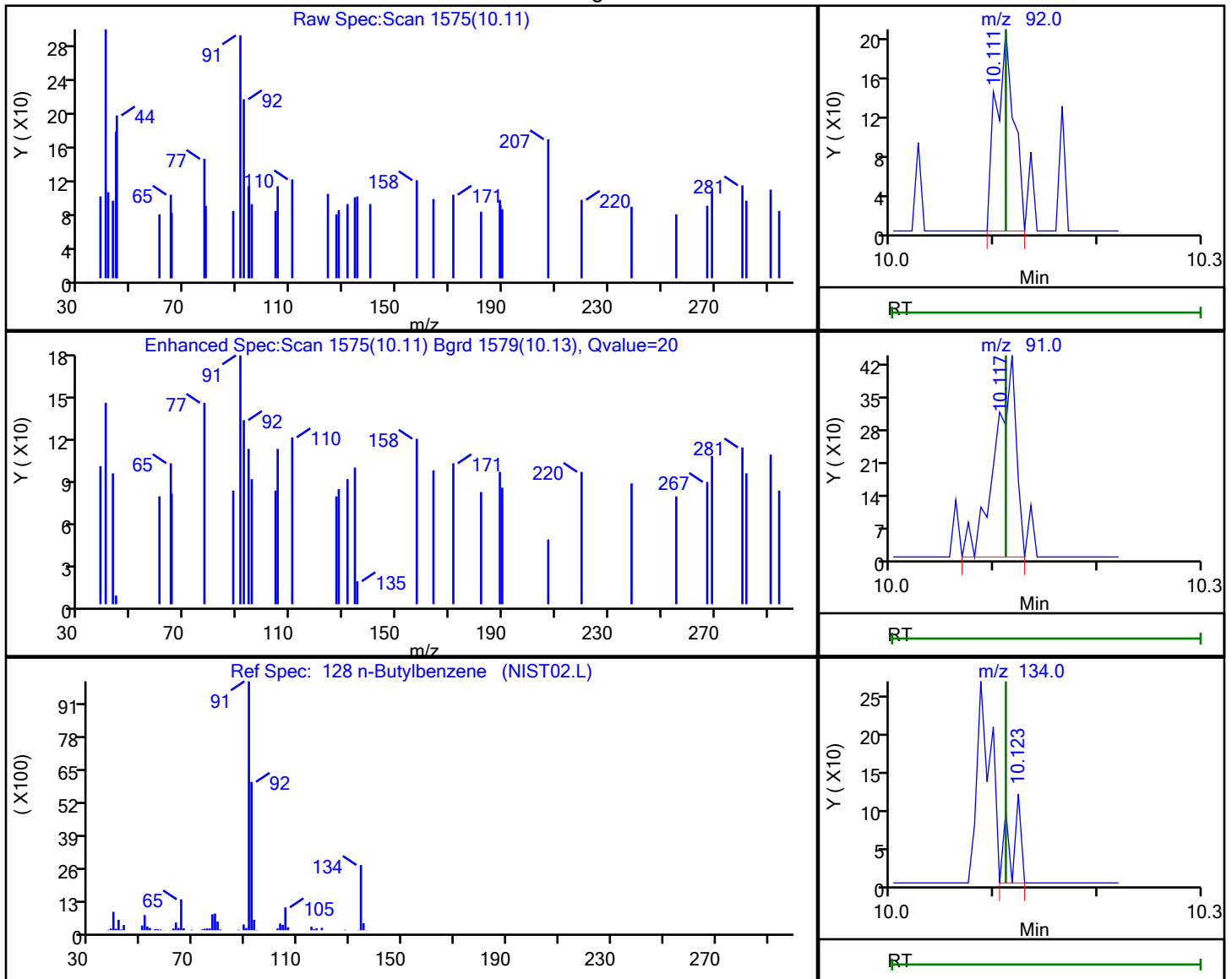
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.11	92.00	252	0.058924
10.12	91.00	608	
10.12	134.00	77	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

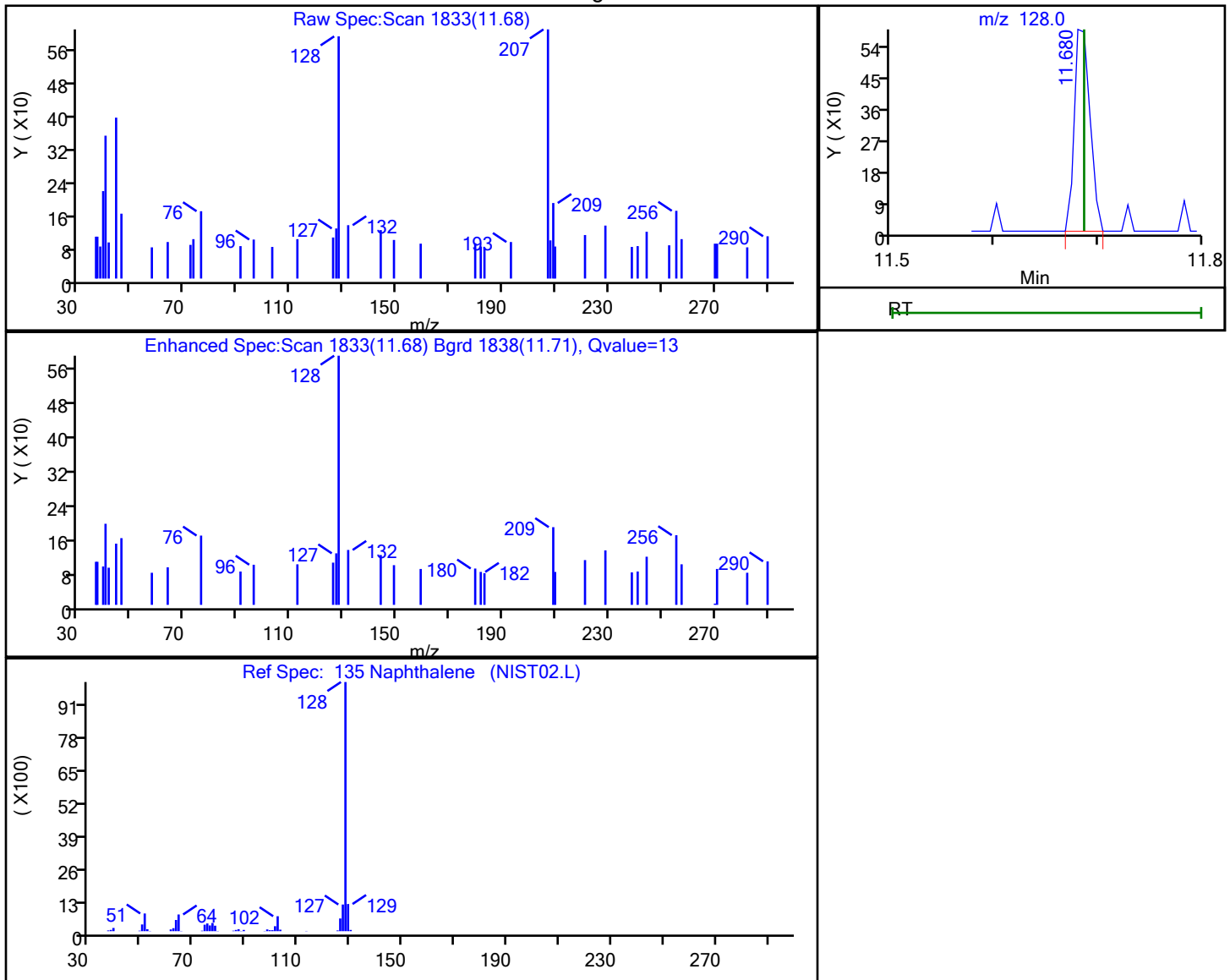
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

135 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.68	128.00	628	0.134857

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

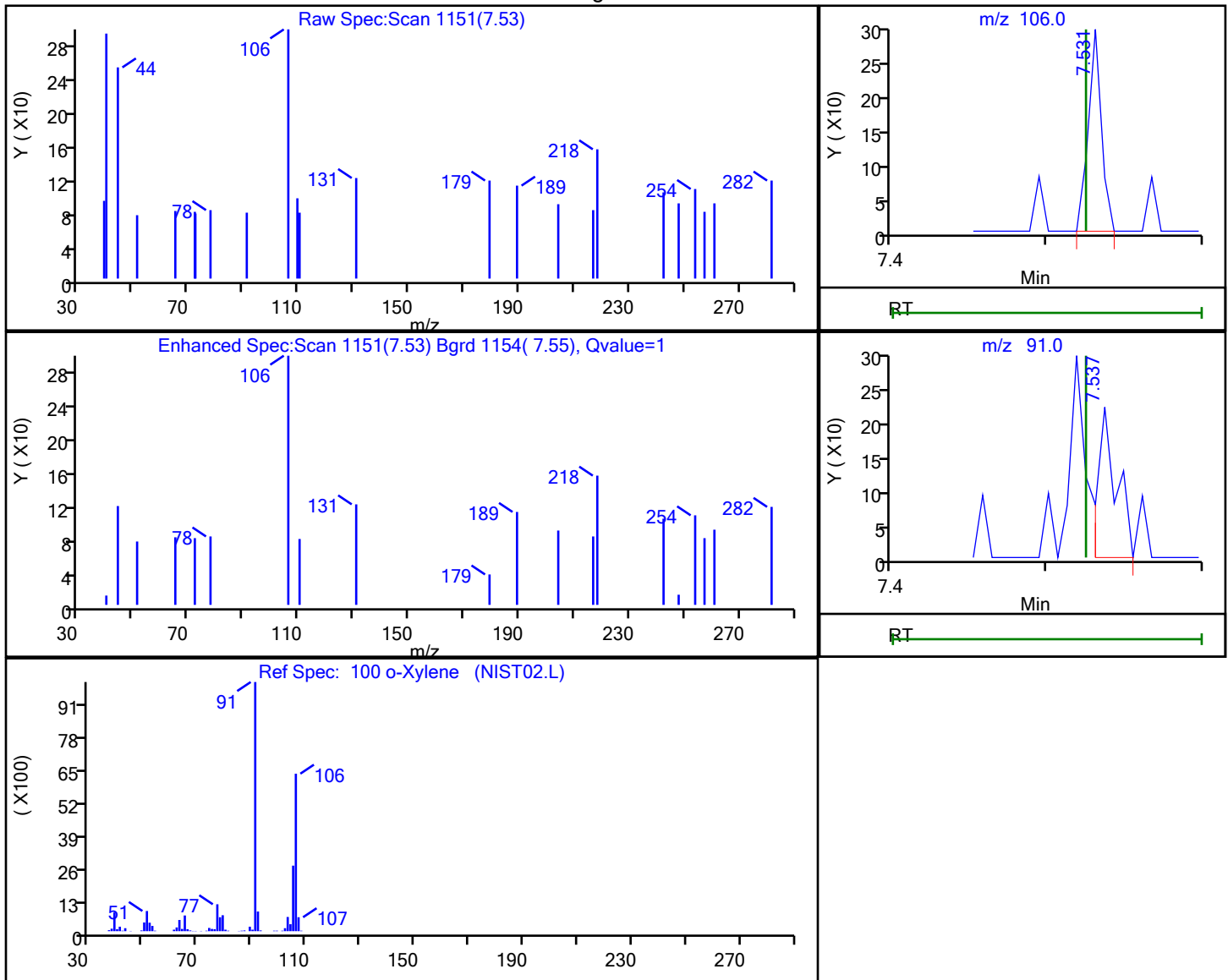
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.53	106.00	175	0.034904
7.54	91.00	185	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

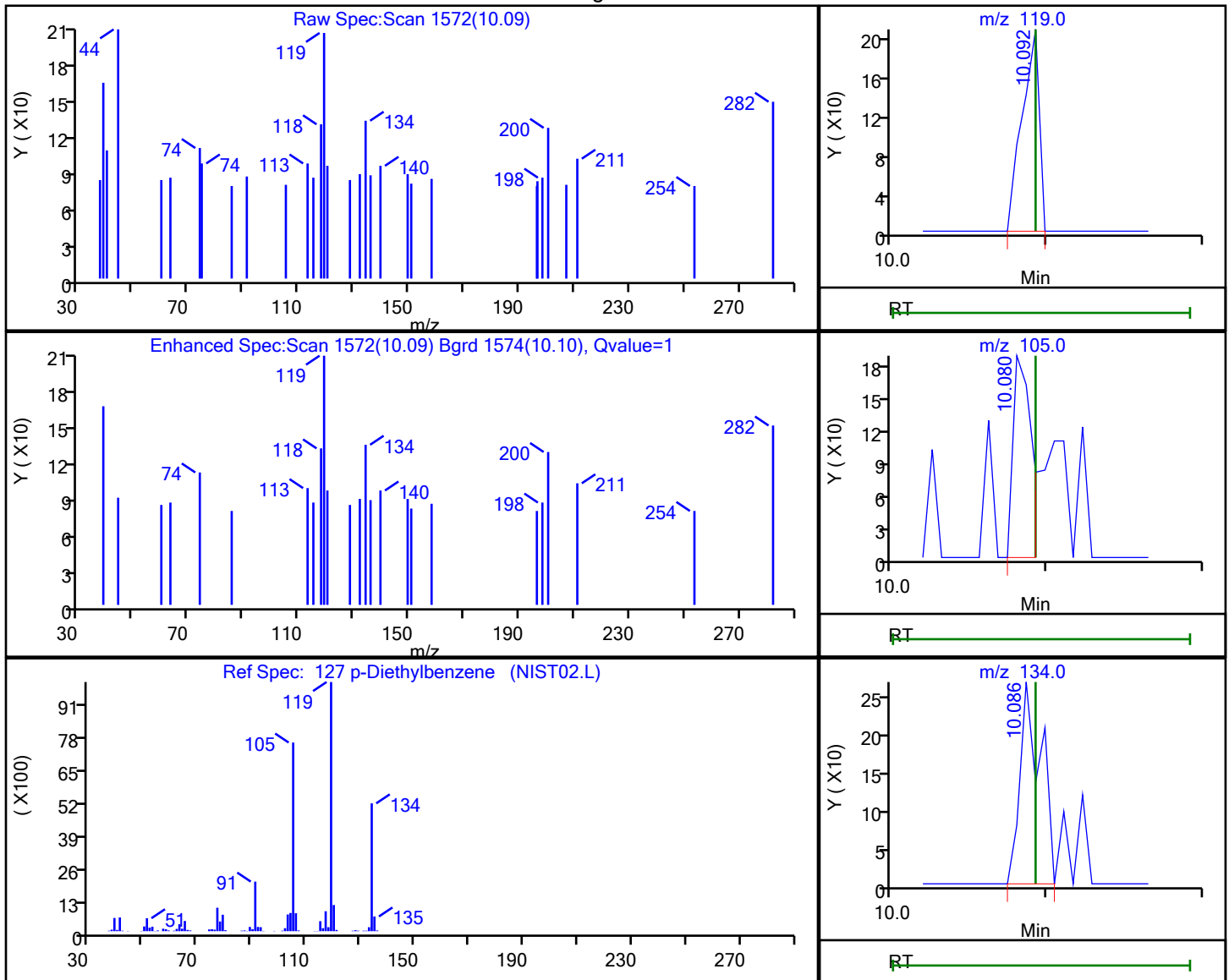
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.09	119.00	159	0.032199
10.08	105.00	155	
10.09	134.00	248	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

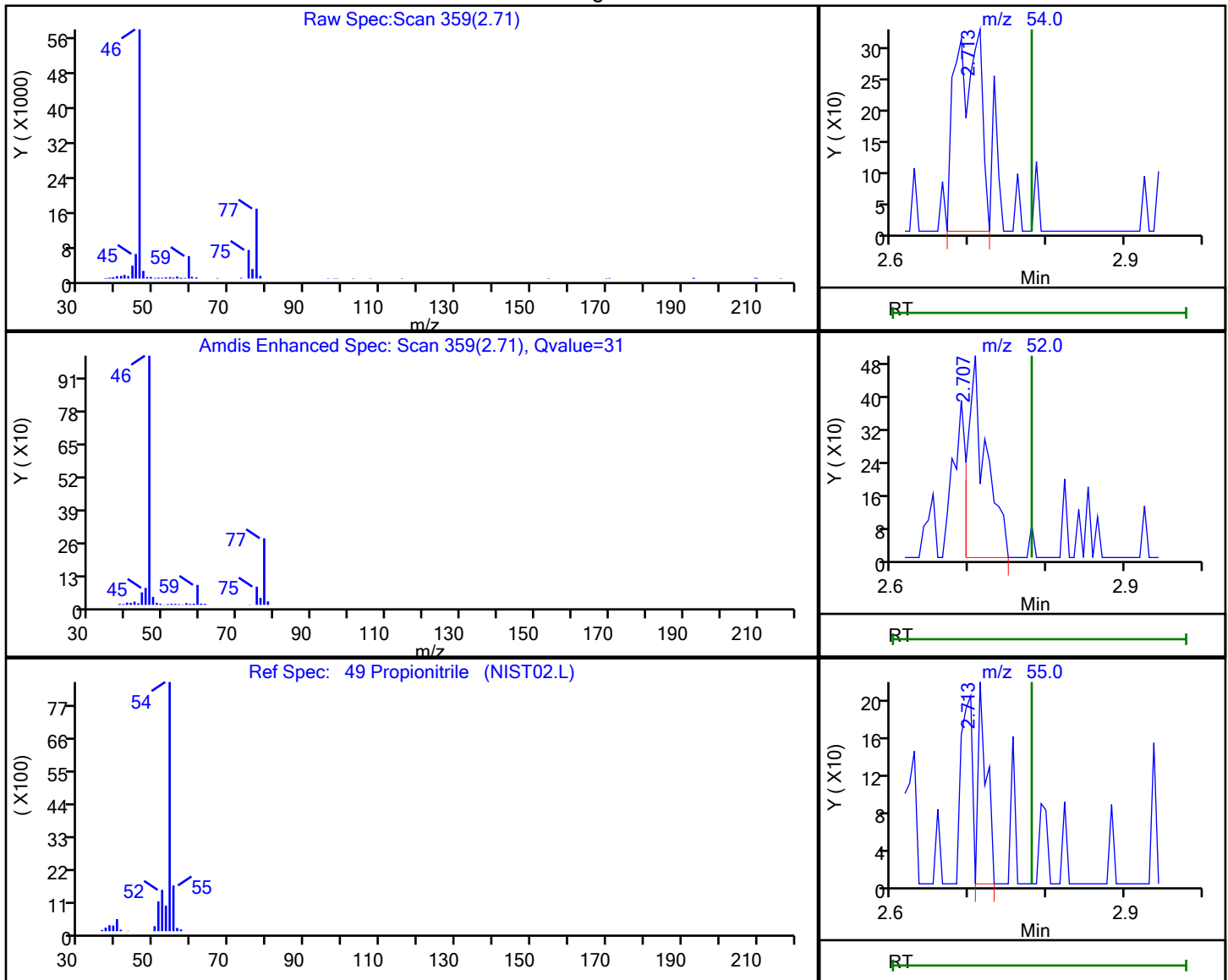
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

49 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.71	54.00	739	2.038386
2.71	52.00	782	
2.71	55.00	165	

Reviewer: KG2Q, 25-Oct-2022 08:38:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

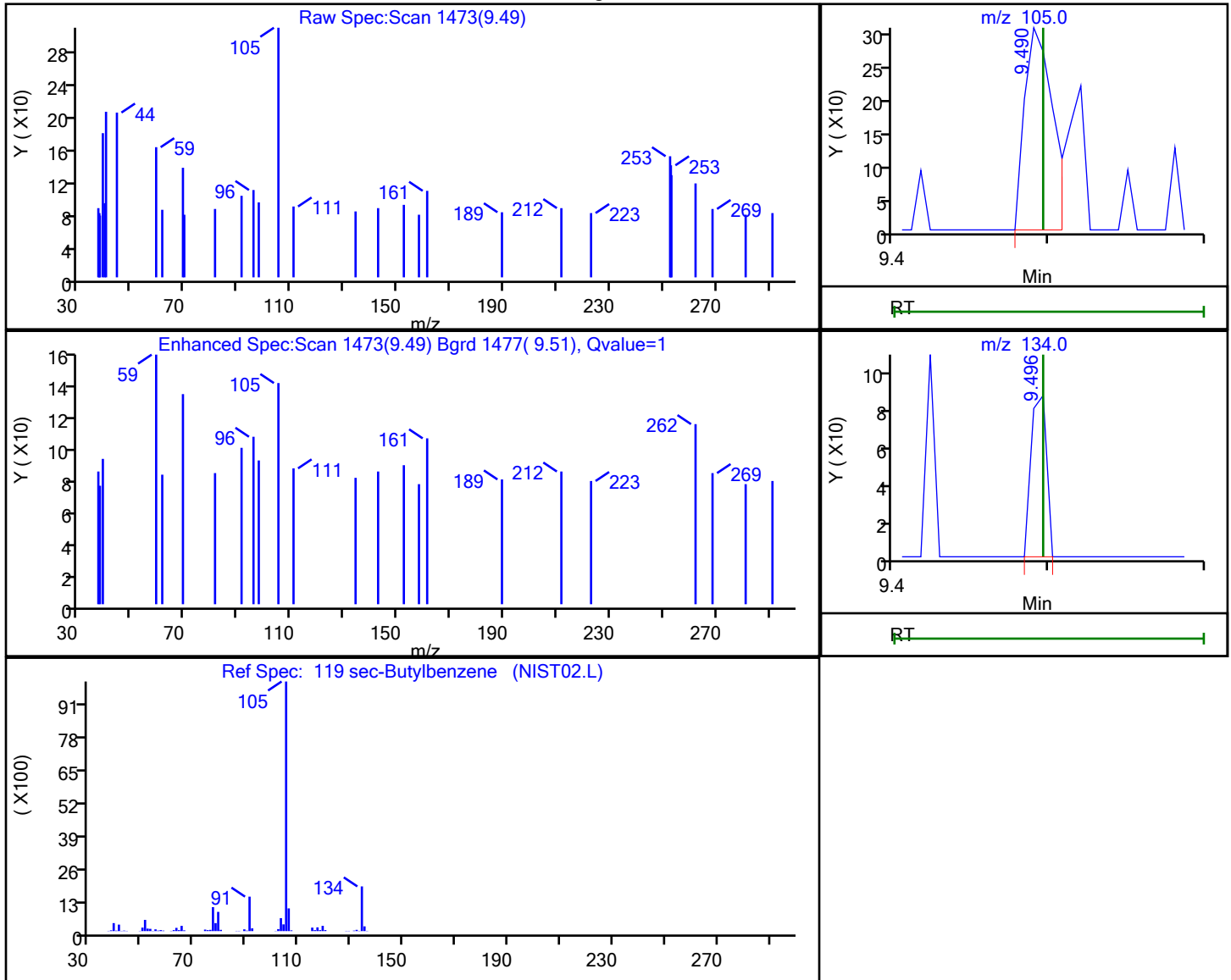
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
9.49	105.00	385	0.039336
9.50	134.00	61	

Reviewer: KG2Q, 25-Oct-2022 08:38:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

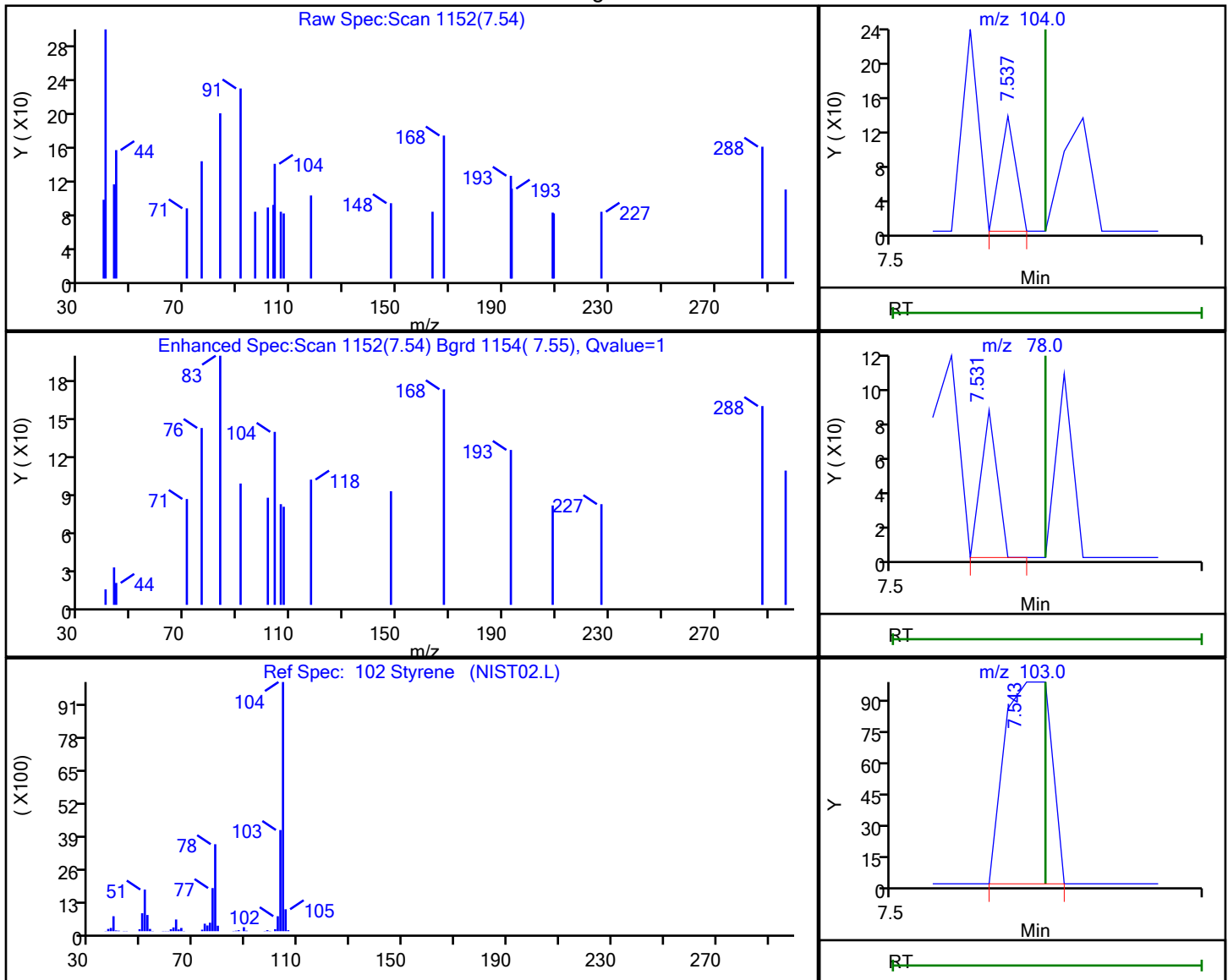
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

102 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
7.54	104.00	49	0.006332
7.53	78.00	30	
7.54	103.00	104	

Reviewer: KG2Q, 25-Oct-2022 08:38:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

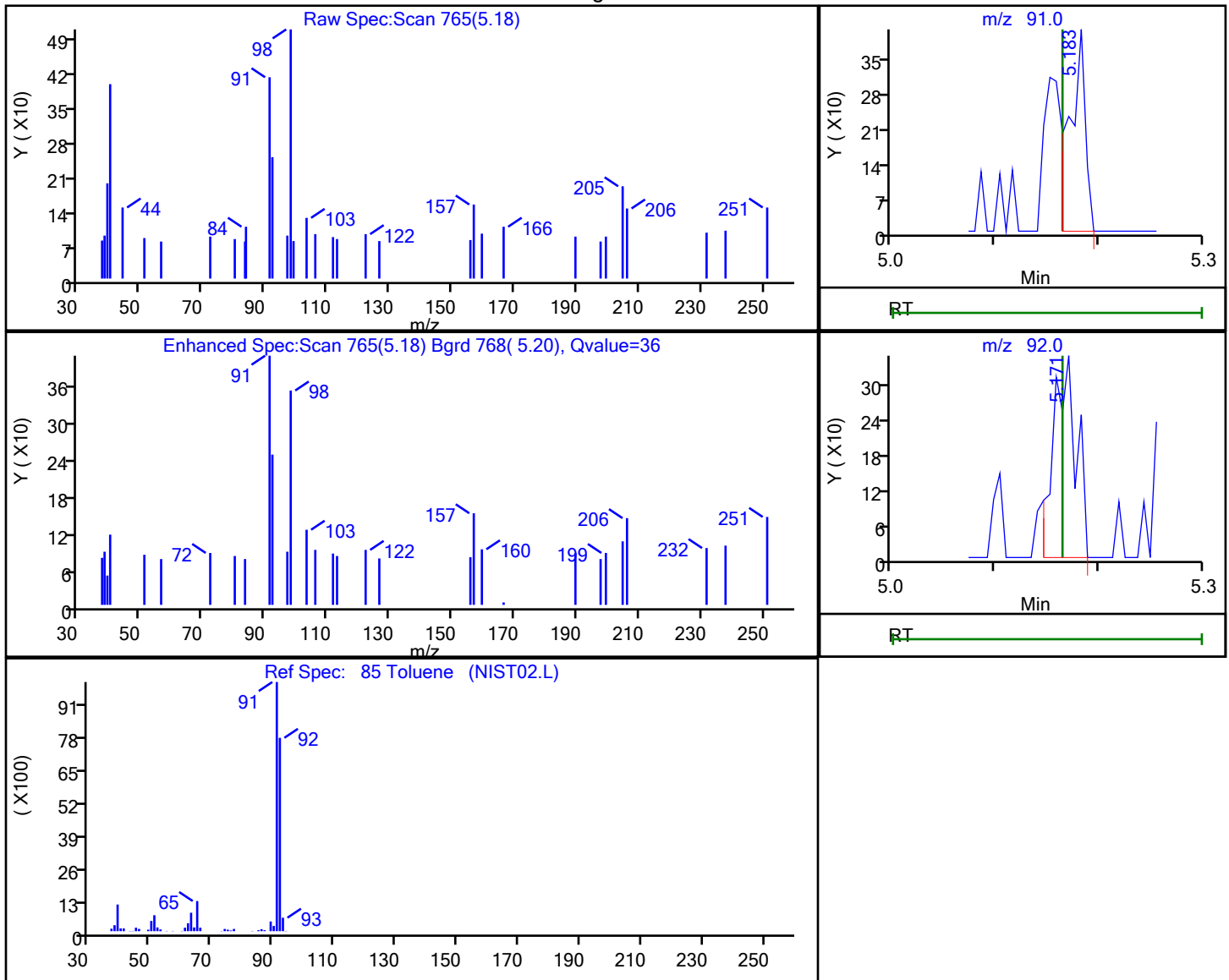
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

85 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
5.18	91.00	431	0.033669
5.17	92.00	541	

Reviewer: KG2Q, 25-Oct-2022 08:38:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

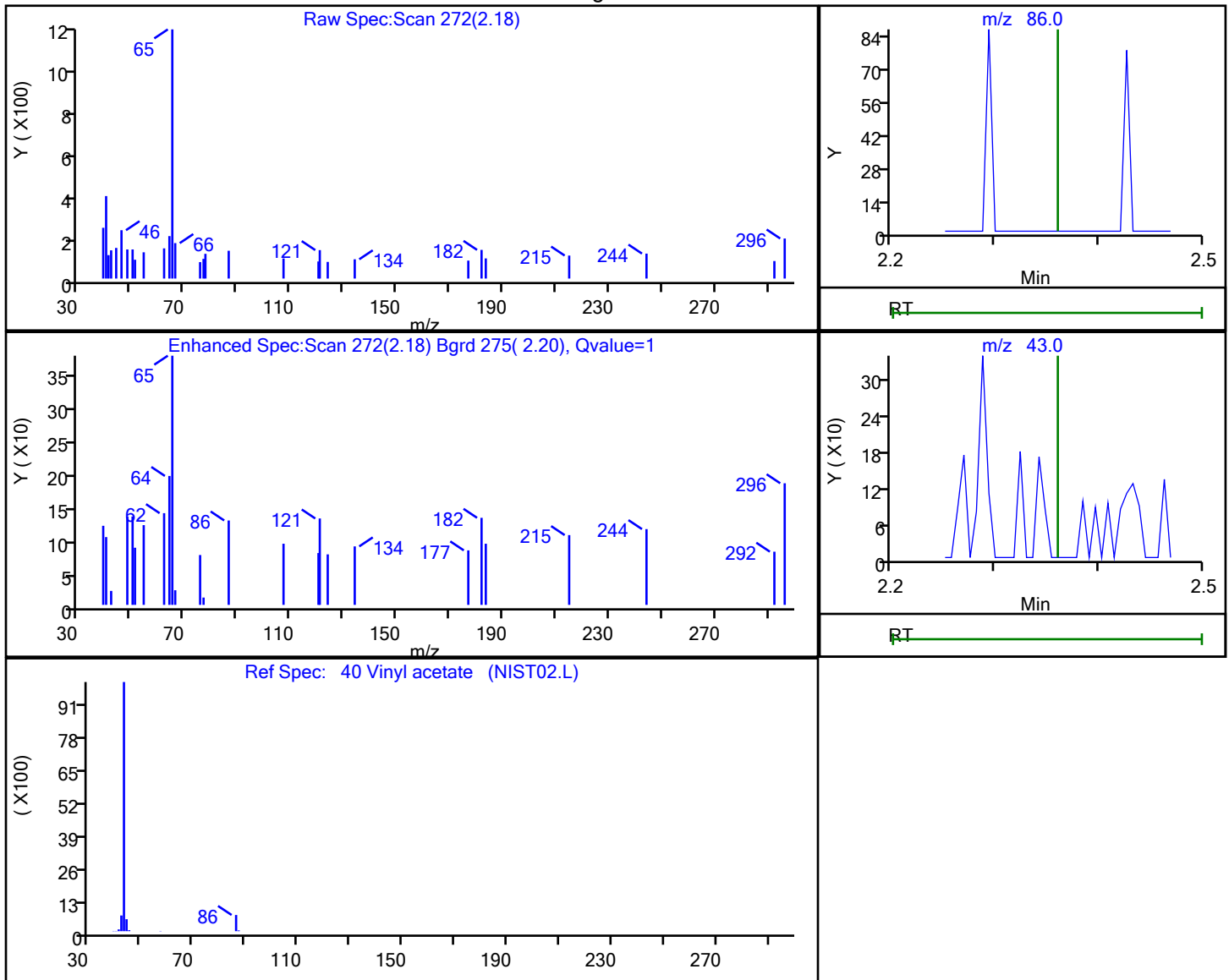
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
2.18	86.00	86	0.165425
2.20	43.00	124	

Reviewer: KG2Q, 25-Oct-2022 08:37:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57143.D

Injection Date: 25-Oct-2022 07:02:30

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

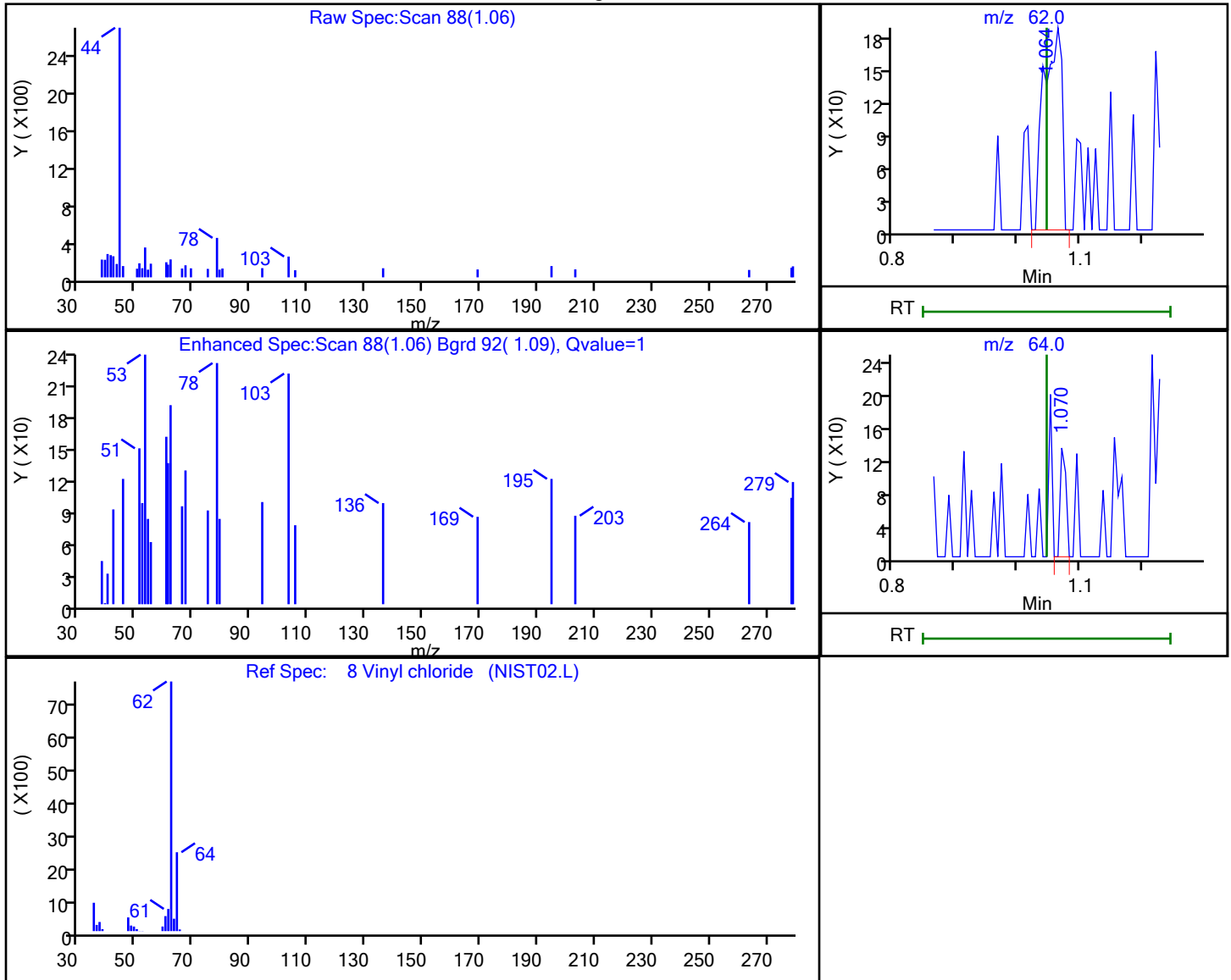
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.06	62.00	381	0.110814
1.07	64.00	87	

Reviewer: KG2Q, 25-Oct-2022 08:37:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Oct-2022 07:49:30 ALS Bottle#: 21 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0152213-005
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:36:48 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 08:33:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.864	0.006	82	7218	5.00	5.69	
6 Chlorodifluoromethane	51	0.888	0.882	0.006	96	27754	5.00	5.24	M
5 Dichlorodifluoromethane	85	0.888	0.888	0.000	53	17233	5.00	4.87	M
7 Chloromethane	52	0.997	0.991	0.006	98	5938	5.00	4.12	
9 Butadiene	54	1.046	1.040	0.006	93	13207	5.00	5.18	
8 Vinyl chloride	62	1.046	1.046	0.000	83	13810	5.00	4.98	
10 Bromomethane	94	1.216	1.210	0.006	97	11463	5.00	5.25	
11 Chloroethane	64	1.241	1.241	0.000	91	9144	5.00	5.63	
12 Dichlorofluoromethane	67	1.362	1.350	0.012	98	23092	5.00	5.13	M
14 Pentane	72	1.381	1.381	0.000	99	4527	10.0	12.0	Ma
13 Trichlorofluoromethane	101	1.393	1.393	0.000	42	18772	5.00	5.22	M
16 Ethyl ether	74	1.496	1.490	0.006	90	7721	5.00	6.24	
15 Ethanol	46	1.454	1.508	-0.054	69	975	200.0	134.2	a
17 2-Methyl-1,3-butadiene	53	1.515	1.508	0.007	87	12136	5.00	5.82	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.539	1.527	0.012	81	12280	5.00	5.57	a
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.563	1.563	0.000	74	20474	5.00	5.56	a
20 Acrolein	56	1.569	1.563	0.006	89	9601	20.0	25.5	
22 1,1-Dichloroethene	96	1.630	1.630	0.000	97	12952	5.00	5.79	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.661	1.660	0.001	88	15190	5.00	5.88	
23 Acetone	58	1.661	1.660	0.001	87	5275	25.0	25.9	M
24 Iodomethane	142	1.721	1.715	0.006	98	25004	5.00	5.74	
25 Isopropyl alcohol	45	1.758	1.746	0.012	27	3883	50.0	40.9	M
26 Carbon disulfide	76	1.758	1.752	0.006	99	48340	5.00	5.74	
27 3-Chloro-1-propene	76	1.831	1.825	0.006	92	8624	5.00	4.83	
28 Methyl acetate	74	1.849	1.843	0.006	99	4853	10.0	12.5	
30 Acetonitrile	41	1.880	1.861	0.019	19	4220	50.0	36.6	M
29 Cyclopentene	67	1.880	1.873	0.007	89	29418	5.00	5.49	
32 Methylene Chloride	84	1.904	1.898	0.006	87	15556	5.00	5.73	
* 31 TBA-d9 (IS)	46	1.953	1.934	0.019	91	49478	1000.0	1000.0	M
33 2-Methyl-2-propanol	59	2.007	1.983	0.024	91	9403	50.0	47.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	2.050	2.044	0.006	94	48895	50.0	55.1	
35 trans-1,2-Dichloroethene	96	2.074	2.062	0.012	95	14369	5.00	5.76	
34 Methyl tert-butyl ether	73	2.092	2.086	0.006	98	37164	5.00	5.51	
37 Hexane	56	2.238	2.232	0.006	93	7156	5.00	6.10	
39 1,1-Dichloroethane	63	2.336	2.330	0.006	98	24651	5.00	5.70	
40 Vinyl acetate	86	2.366	2.360	0.006	100	4744	10.0	9.87	
38 Isopropyl ether	45	2.391	2.391	0.000	84	39091	5.00	5.54	
41 2-Chloro-1,3-butadiene	88	2.391	2.391	0.000	77	12588	5.00	5.60	
42 Tert-butyl ethyl ether	59	2.640	2.640	0.000	92	35948	5.00	5.26	
* 43 2-Butanone-d5	46	2.701	2.695	0.006	97	204366	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	96	15778	5.00	5.73	
44 2,2-Dichloropropane	79	2.731	2.725	0.006	52	6460	5.00	5.30	a
46 2-Butanone (MEK)	72	2.743	2.737	0.006	94	7844	25.0	29.1	
47 Ethyl acetate	70	2.786	2.780	0.006	98	2888	10.0	11.3	
49 Propionitrile	54	2.786	2.780	0.006	96	18235	50.0	57.2	
48 Methyl acrylate	55	2.810	2.810	0.000	99	13174	5.00	5.17	
52 Methacrylonitrile	67	2.889	2.889	0.000	88	54781	50.0	56.7	
51 Chlorobromomethane	128	2.896	2.889	0.007	51	7515	5.00	5.61	
50 Tetrahydrofuran	72	2.956	2.938	0.018	46	3935	10.0	12.0	
53 Chloroform	83	2.962	2.956	0.006	98	23268	5.00	5.55	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	96	111668	50.0	58.4	
55 1,1,1-Trichloroethane	97	3.096	3.102	-0.006	95	19066	5.00	5.46	
54 Cyclohexane	84	3.145	3.151	-0.006	89	19709	5.00	5.85	
58 1,1-Dichloropropene	75	3.218	3.218	0.000	95	17951	5.00	5.63	
57 Carbon tetrachloride	117	3.230	3.218	0.012	84	16234	5.00	5.57	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.340	3.333	0.007	81	122363	50.0	59.6	
59 Isobutyl alcohol	43	3.352	3.346	0.006	30	11677	125.0	156.6	a
61 Benzene	78	3.382	3.382	0.000	94	54554	5.00	5.77	
65 1,2-Dichloroethane	62	3.400	3.394	0.006	97	17506	5.00	5.57	
60 Isooctane	57	3.455	3.461	-0.006	95	23798	5.00	5.35	
64 Isopropyl acetate	61	3.473	3.473	0.000	97	4638	5.00	5.79	a
63 Tert-amyl methyl ether	73	3.492	3.498	-0.006	96	37138	5.00	5.51	
* 67 Fluorobenzene	96	3.613	3.613	0.000	99	407839	50.0	50.0	
66 n-Heptane	71	3.619	3.619	0.000	55	9702	5.00	9.88	
68 n-Butanol	56	3.918	3.911	0.007	38	5872	125.0	142.6	
69 Trichloroethene	95	3.930	3.924	0.006	98	13339	5.00	5.60	a
70 Ethyl acrylate	99	4.057	4.057	0.000	97	706	5.00	3.23	a
71 Methylcyclohexane	83	4.100	4.100	0.000	88	17982	5.00	5.83	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	94	13623	5.00	5.65	
* 73 1,4-Dioxane-d8	96	4.234	4.222	0.012	71	18874	1000.0	1000.0	
76 Dibromomethane	93	4.228	4.228	0.000	97	8303	5.00	5.36	
74 Methyl methacrylate	100	4.270	4.264	0.006	86	6055	10.0	10.8	
75 1,4-Dioxane	88	4.270	4.283	-0.013	31	2690	100.0	121.7	a
77 n-Propyl acetate	43	4.337	4.337	0.000	98	14594	5.00	5.19	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	15346	5.00	5.27	
79 2-Nitropropane	41	4.617	4.611	0.006	92	3903	10.0	10.2	
80 2-Chloroethyl vinyl ether	63	4.708	4.708	0.000	93	8019	5.01	5.07	
81 Epichlorohydrin	57	4.751	4.751	0.000	99	23617	100.0	105.7	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	90	19997	5.00	5.49	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.019	0.000	96	52023	25.0	26.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	420980	50.0	59.0	
85 Toluene	91	5.165	5.165	0.000	94	54869	5.00	5.75	

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	5.420	5.420	0.000	96	16768	5.00	5.32	
87 Ethyl methacrylate	69	5.566	5.566	0.000	88	13175	5.00	4.93	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	97	9936	5.00	5.72	
89 Tetrachloroethene	166	5.749	5.749	0.000	94	11931	5.00	5.68	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	93	19794	5.00	5.75	
91 2-Hexanone	58	5.937	5.931	0.006	95	20009	25.0	25.8	
93 Chlorodibromomethane	129	6.035	6.035	0.000	97	10540	5.00	5.03	
92 n-Butyl acetate	43	6.114	6.114	0.000	96	15639	5.00	5.38	
94 Ethylene Dibromide	107	6.144	6.138	0.006	99	11969	5.00	5.55	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	299429	50.0	50.0	
96 Chlorobenzene	112	6.728	6.734	-0.006	97	36145	5.00	5.73	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	96	11087	5.00	5.14	
97 Ethylbenzene	106	6.892	6.892	0.000	98	17542	5.00	5.49	
99 m-Xylene & p-Xylene	106	7.045	7.044	0.001	98	22034	5.00	5.53	
100 o-Xylene	106	7.525	7.525	0.000	93	21250	5.00	5.40	
102 Styrene	104	7.549	7.549	0.000	95	32168	5.00	5.11	
101 n-Butyl acrylate	73	7.592	7.586	0.006	97	7938	5.00	4.80	
104 Bromoform	173	7.744	7.744	0.000	96	6941	5.00	5.13	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	93	17075	5.00	4.93	
105 Isopropylbenzene	105	8.018	8.024	-0.006	96	48969	5.00	5.32	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	88	132389	50.0	58.3	
107 Bromobenzene	156	8.346	8.346	0.000	98	15186	5.00	5.59	
108 1,1,2,2-Tetrachloroethane	83	8.438	8.432	0.006	96	15833	5.00	5.40	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	97	4763	5.00	5.75	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.517	-0.006	86	3941	5.00	5.46	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	56935	5.00	5.28	
112 2-Chlorotoluene	91	8.626	8.626	0.000	96	40242	5.00	5.64	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	48491	5.00	5.31	
115 4-Chlorotoluene	91	8.778	8.778	0.000	97	44113	5.00	5.40	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	93	41065	5.00	5.24	
116 Butyl Methacrylate	87	9.040	9.034	0.006	90	12200	5.00	4.38	
117 tert-Butylbenzene	119	9.229	9.228	0.001	95	32283	5.00	5.41	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	43440	5.00	5.26	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	45151	5.00	5.39	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	94	26370	5.00	5.39	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	96	174751	50.0	50.0	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	40780	5.00	5.46	
123 1,4-Dichlorobenzene	146	9.679	9.679	0.000	94	29758	5.00	5.68	
124 1,2,3-Trimethylbenzene	105	9.758	9.758	0.000	98	47730	5.00	5.32	
125 Benzyl chloride	126	9.843	9.849	-0.006	98	4441	5.00	4.70	
126 2,3-Dihydroindene	117	9.952	9.946	0.006	94	47328	5.00	5.32	
129 1,2-Dichlorobenzene	146	10.062	10.056	0.006	95	26529	5.00	5.62	
127 p-Diethylbenzene	119	10.092	10.092	0.000	91	23906	5.00	5.77	
128 n-Butylbenzene	92	10.111	10.111	0.000	97	19598	5.00	5.50	
131 1,2-Dibromo-3-Chloropropane	157	10.804	10.810	-0.006	45	2041	5.00	4.73	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	98	31775	5.00	4.84	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	14856	5.00	5.42	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	10358	5.00	5.09	
134 Hexachlorobutadiene	225	11.662	11.662	0.000	94	4886	5.00	5.62	
135 Naphthalene	128	11.680	11.686	-0.006	99	19528	5.00	4.54	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	94	5945	5.00	5.05	
S 137 1,2-Dichloroethene, Total	100				0		10.0	11.5	

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		10.0	10.9	
S 139 Total BTEX	1				0		25.0	27.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 10.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
GASES Li_00499	Amount Added: 10.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

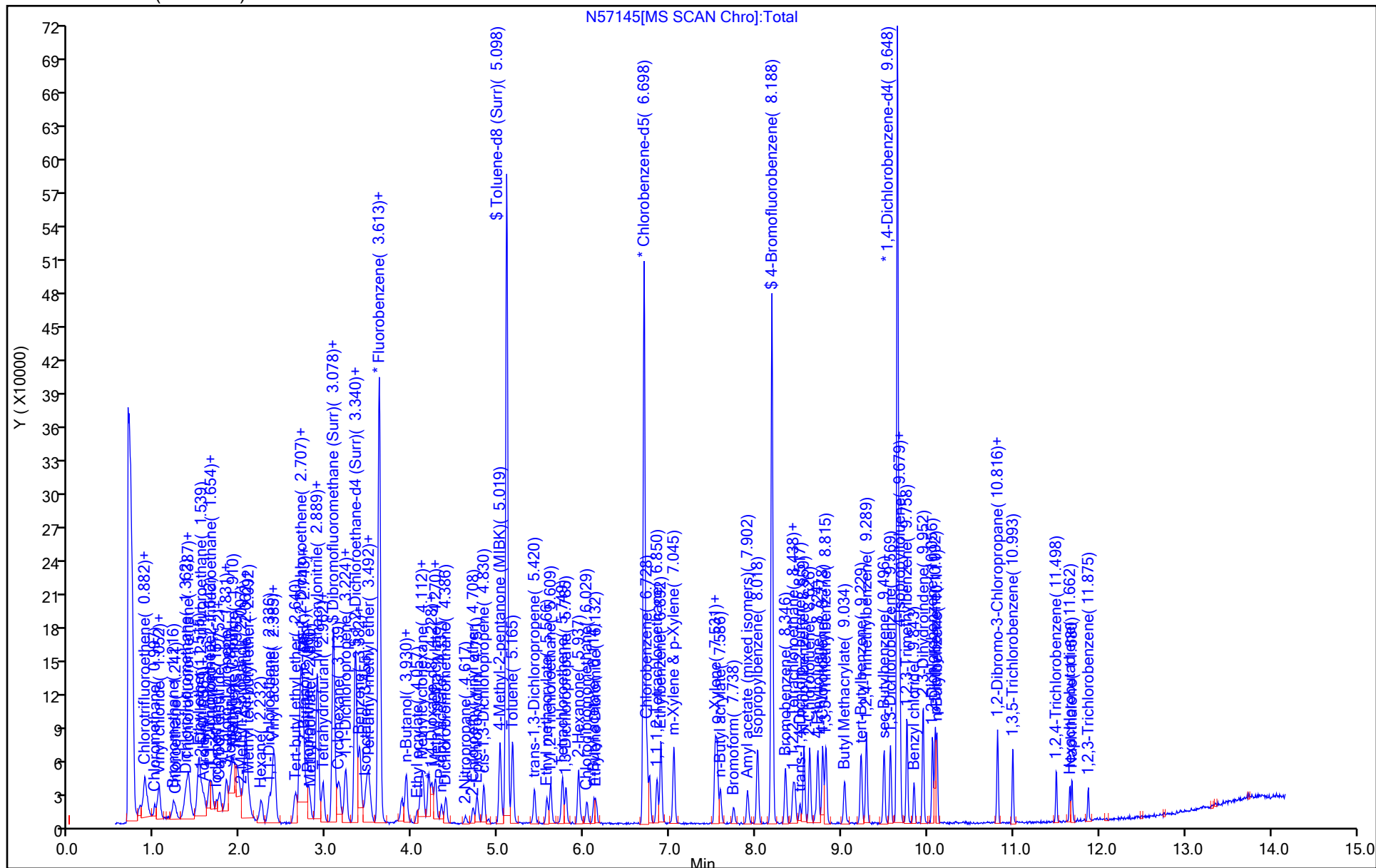
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260W 11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

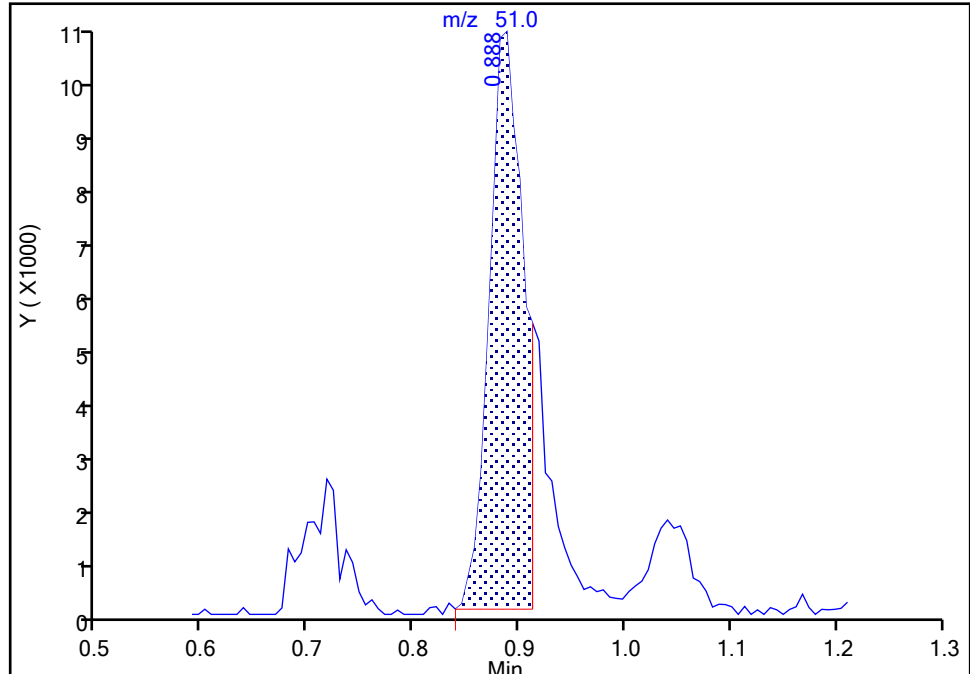
MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

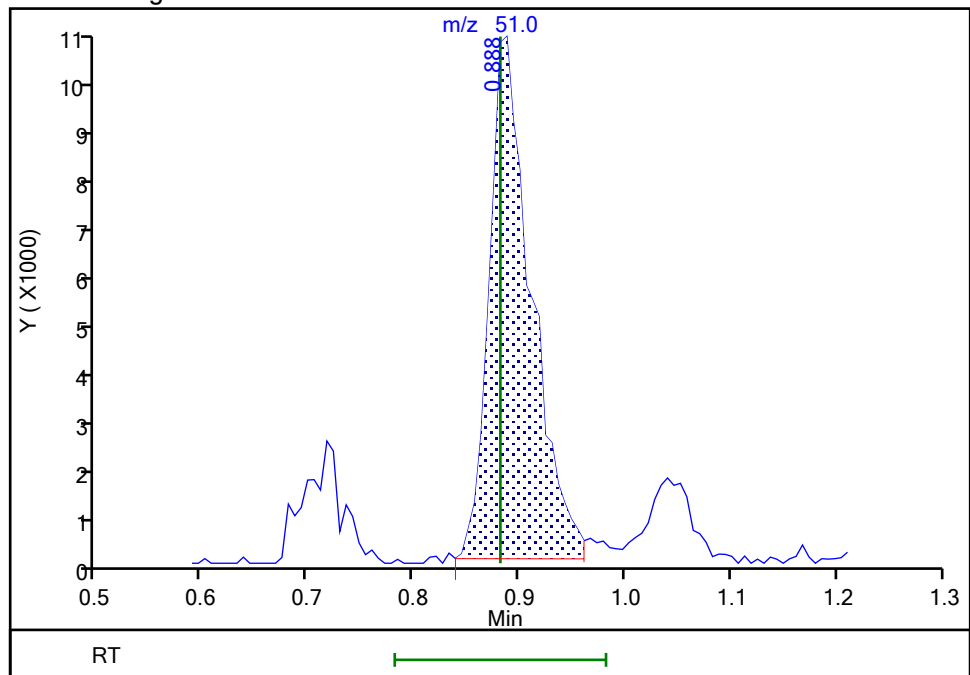
RT: 0.89
Area: 22791
Amount: 4.460866
Amount Units: ug/l

Processing Integration Results



RT: 0.89
Area: 27754
Amount: 5.241340
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:55:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

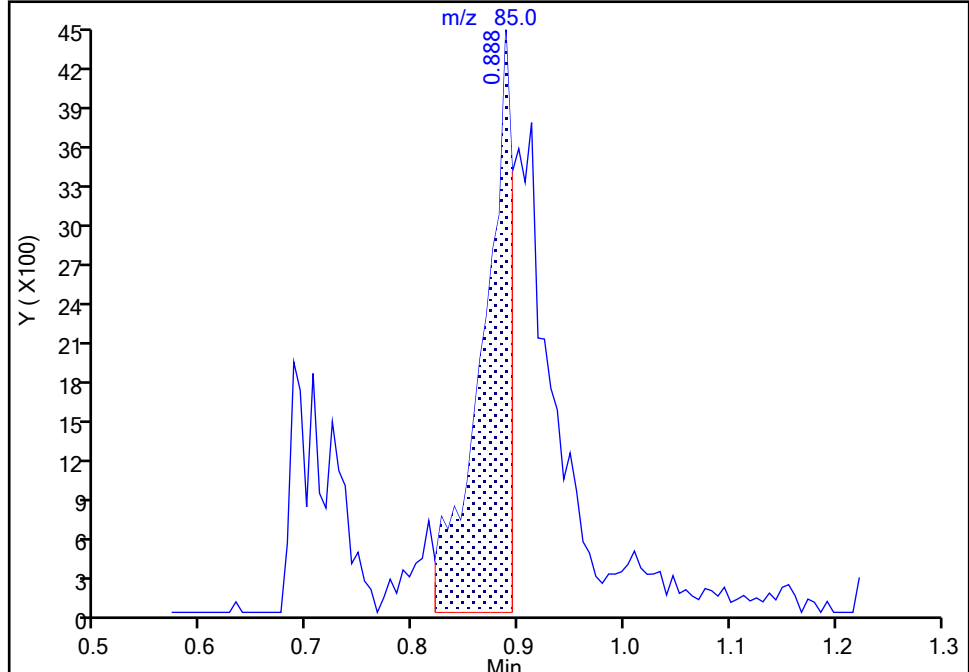
MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

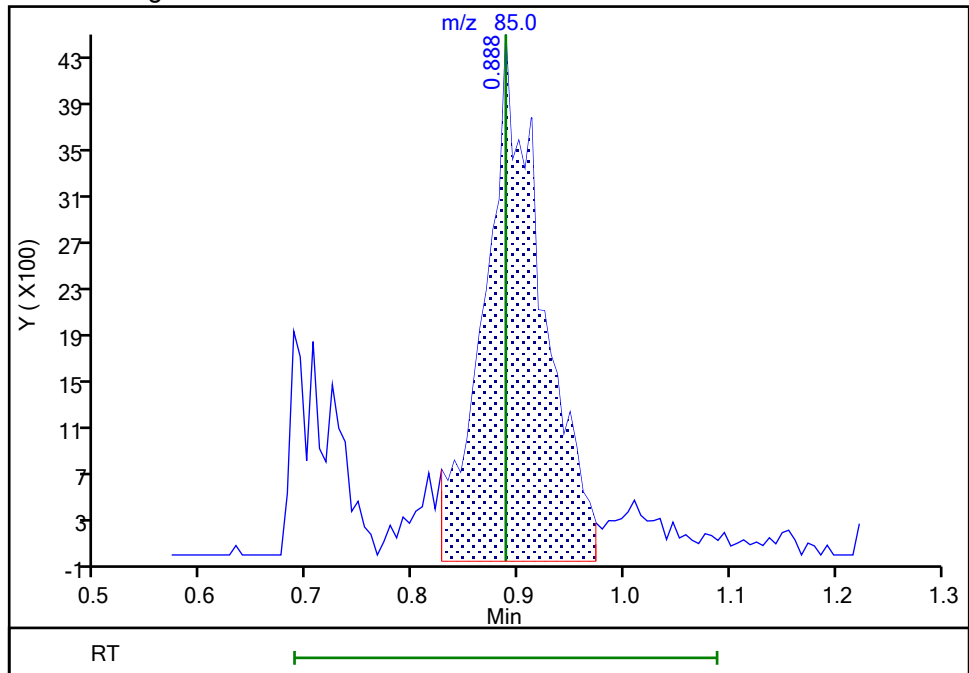
RT: 0.89
Area: 8649
Amount: 4.680565
Amount Units: ug/l

Processing Integration Results



RT: 0.89
Area: 17233
Amount: 4.871155
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:31:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

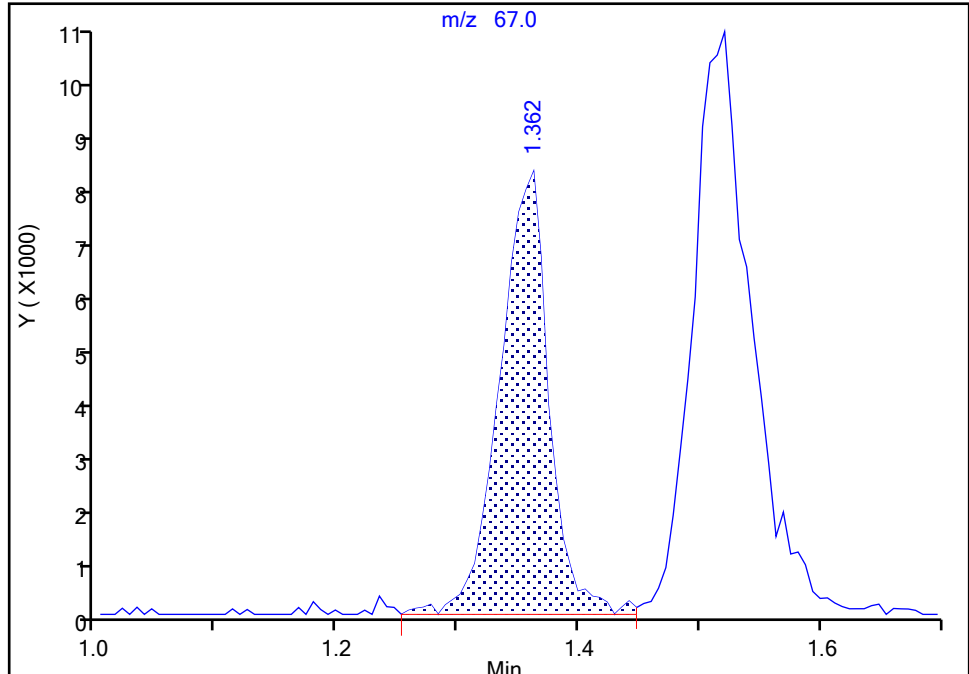
MS SCAN

12 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

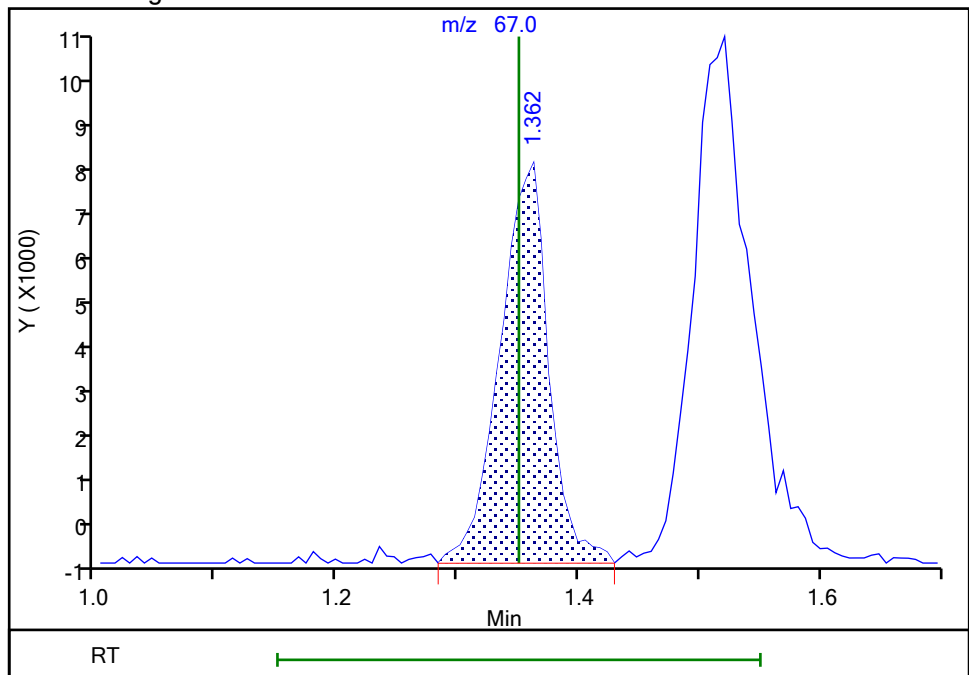
RT: 1.36
Area: 23433
Amount: 5.195466
Amount Units: ug/l

Processing Integration Results



RT: 1.36
Area: 23092
Amount: 5.132796
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:55:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

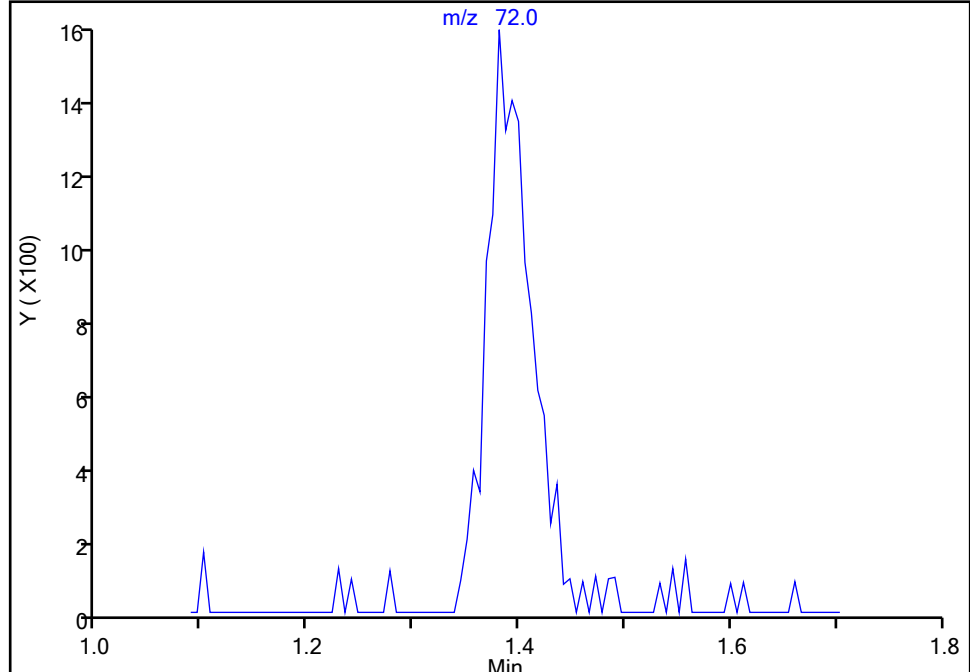
14 Pentane, CAS: 109-66-0

Signal: 1

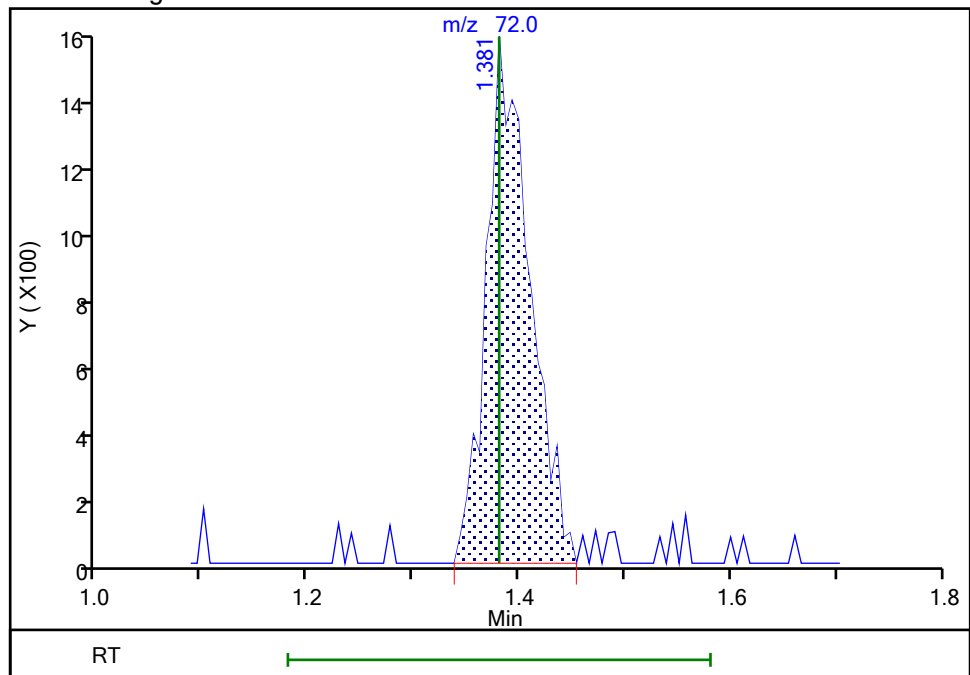
Not Detected

Expected RT: 1.38

Processing Integration Results



Manual Integration Results



RT: 1.38
Area: 4527
Amount: 12.018167
Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 18:56:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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)

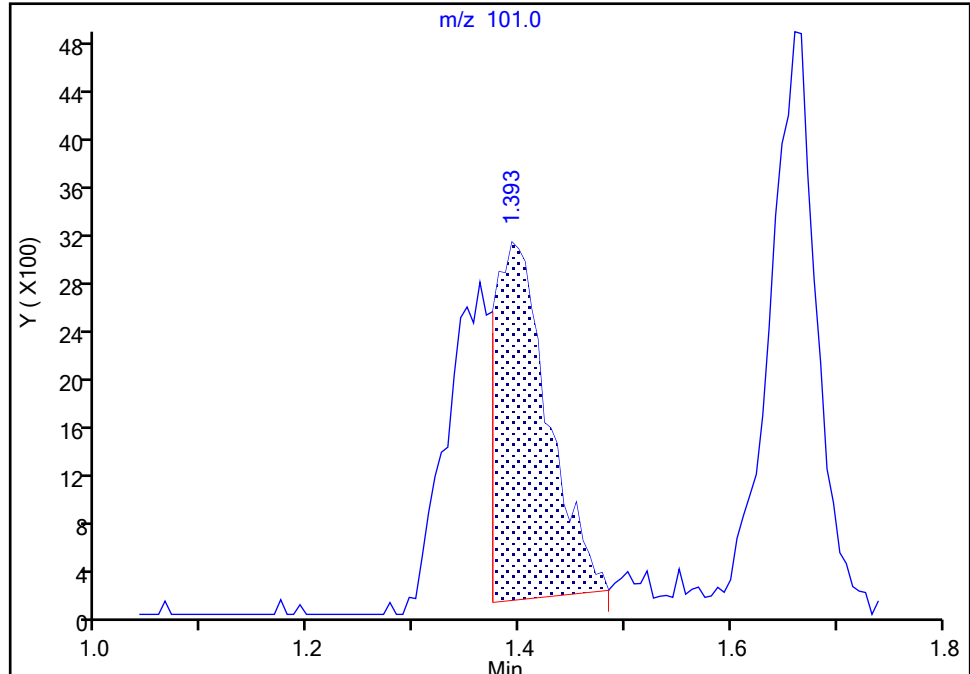
Detector: MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

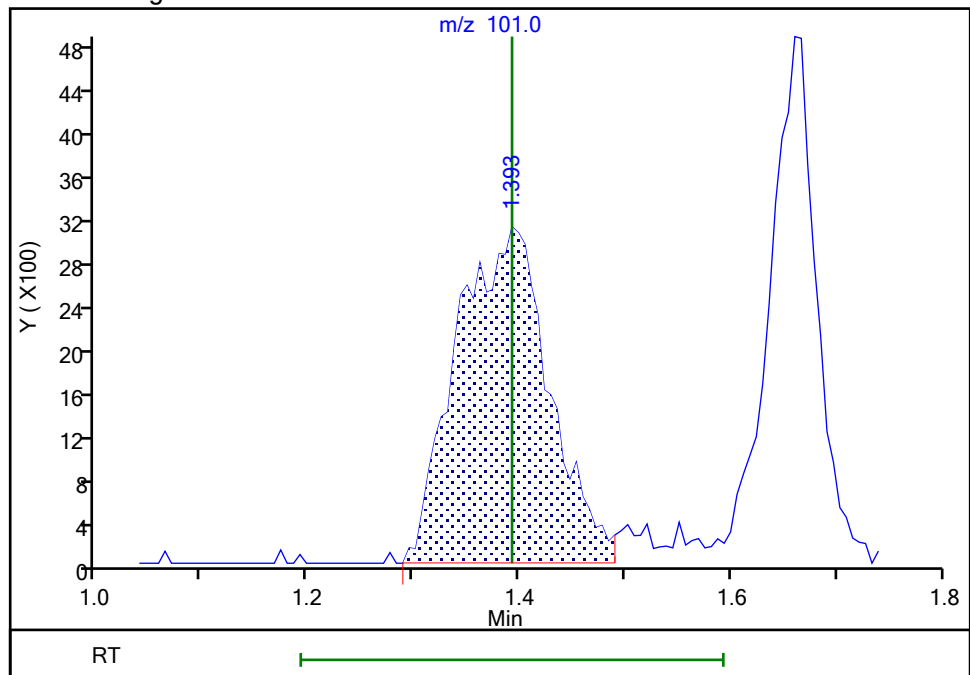
RT: 1.39
Area: 10344
Amount: 4.977577
Amount Units: ug/l

Processing Integration Results



RT: 1.39
Area: 18772
Amount: 5.222031
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:31:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

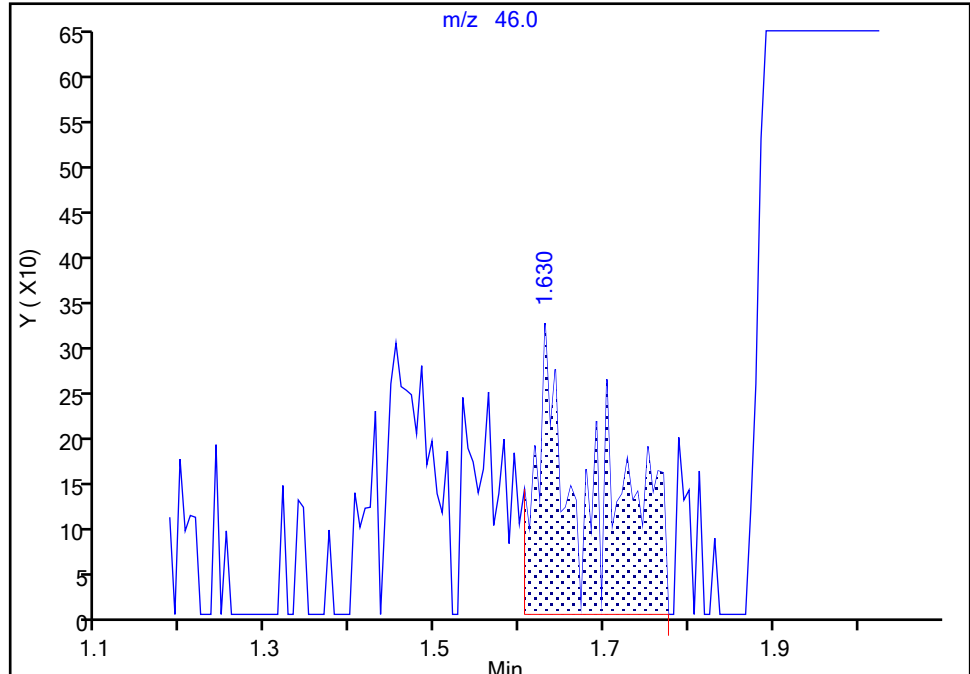
MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

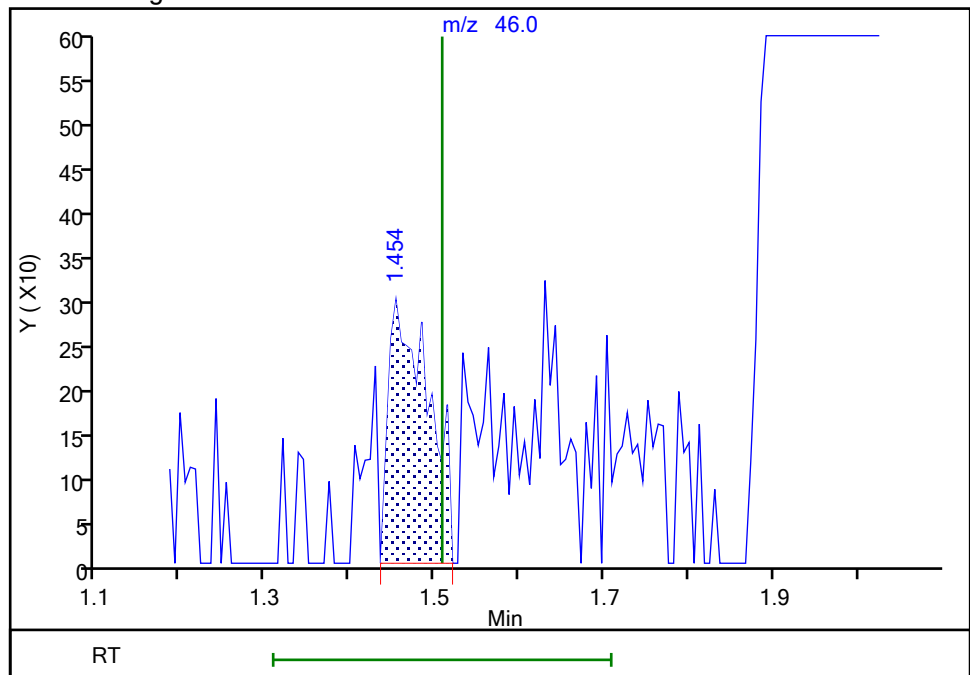
RT: 1.63
Area: 1476
Amount: 169.4391
Amount Units: ug/l

Processing Integration Results



RT: 1.45
Area: 975
Amount: 134.2472
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:31:50

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

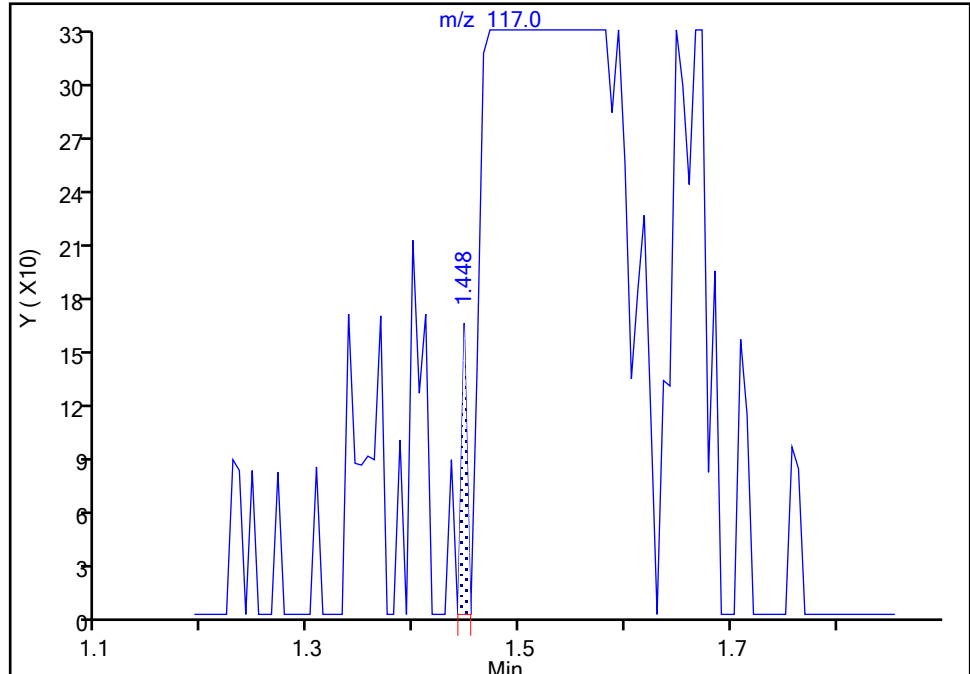
MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

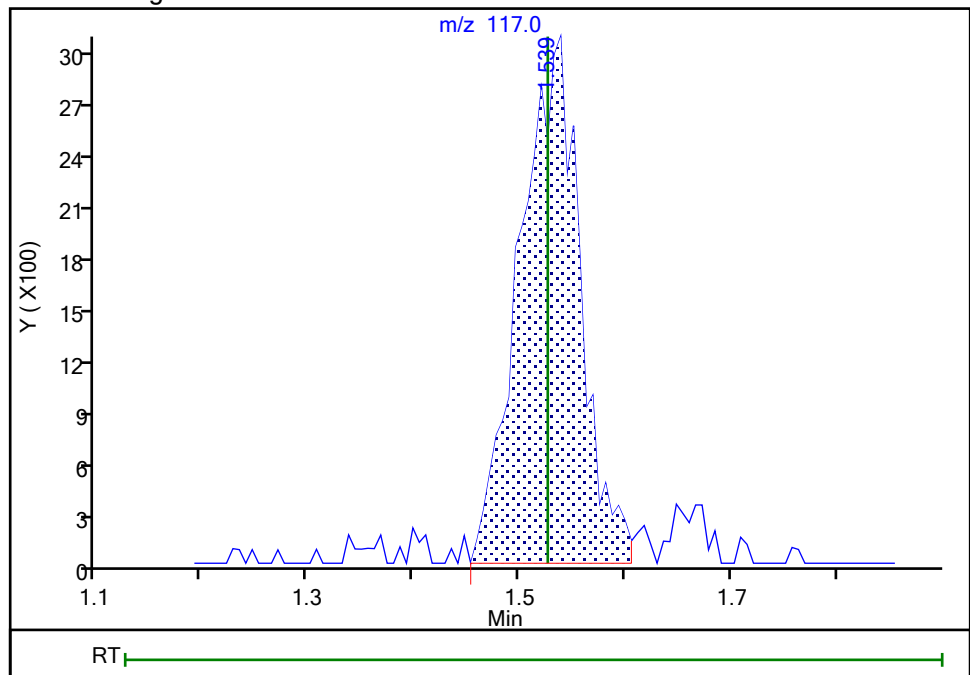
RT: 1.45
Area: 59
Amount: 0.039463
Amount Units: ug/l

Processing Integration Results



RT: 1.54
Area: 12280
Amount: 5.572831
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:31:57

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

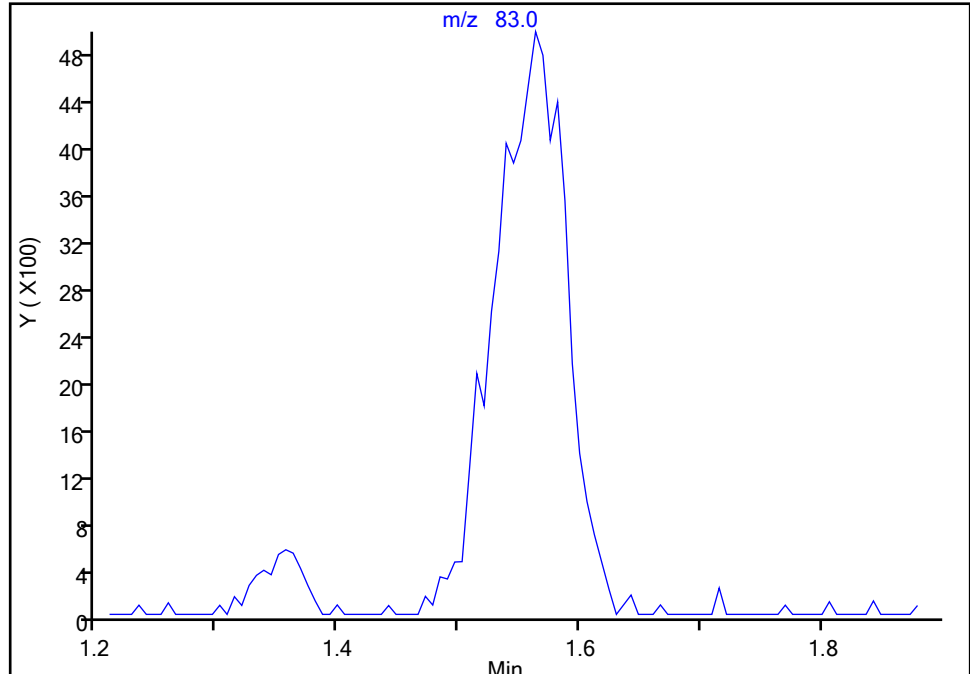
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

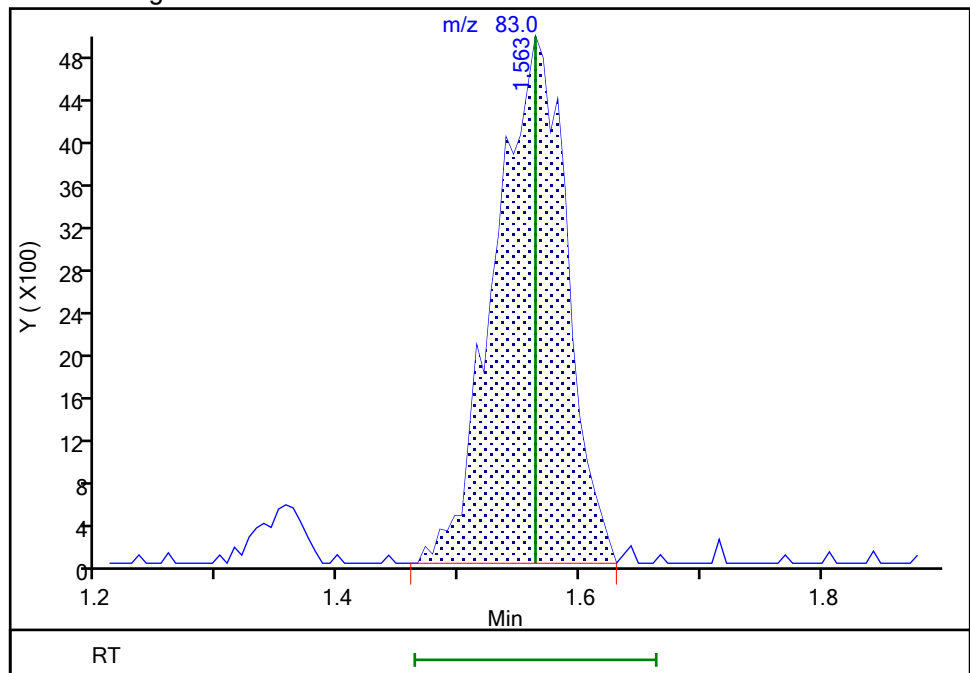
Not Detected

Expected RT: 1.56

Processing Integration Results



Manual Integration Results



RT: 1.56

Area: 20474

Amount: 5.558277

Amount Units: ug/l

Reviewer: KG2Q, 25-Oct-2022 08:32:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

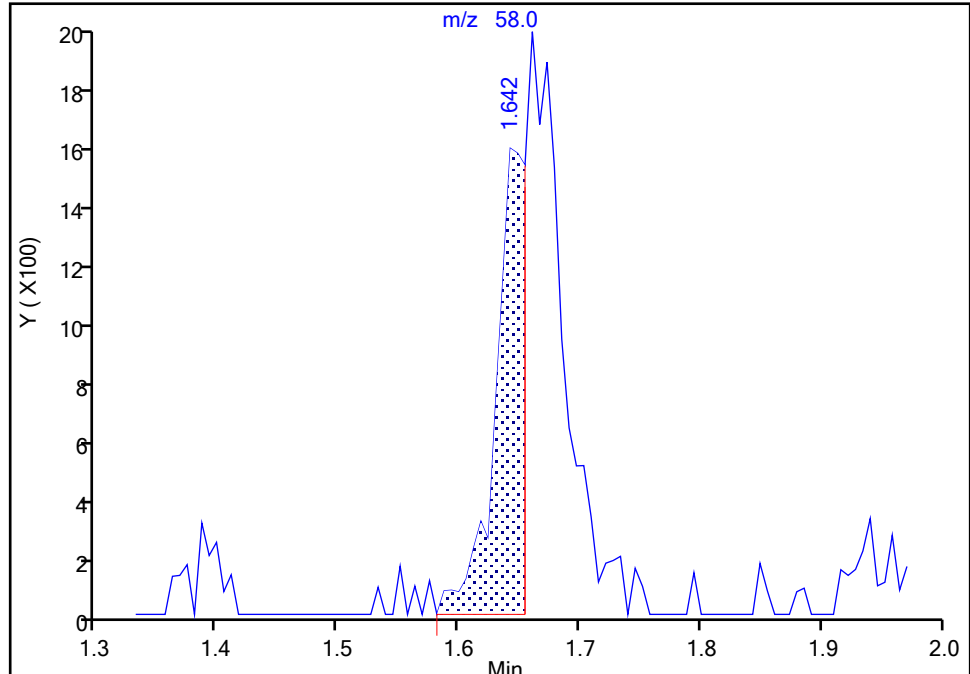
MS SCAN

23 Acetone, CAS: 67-64-1

Signal: 1

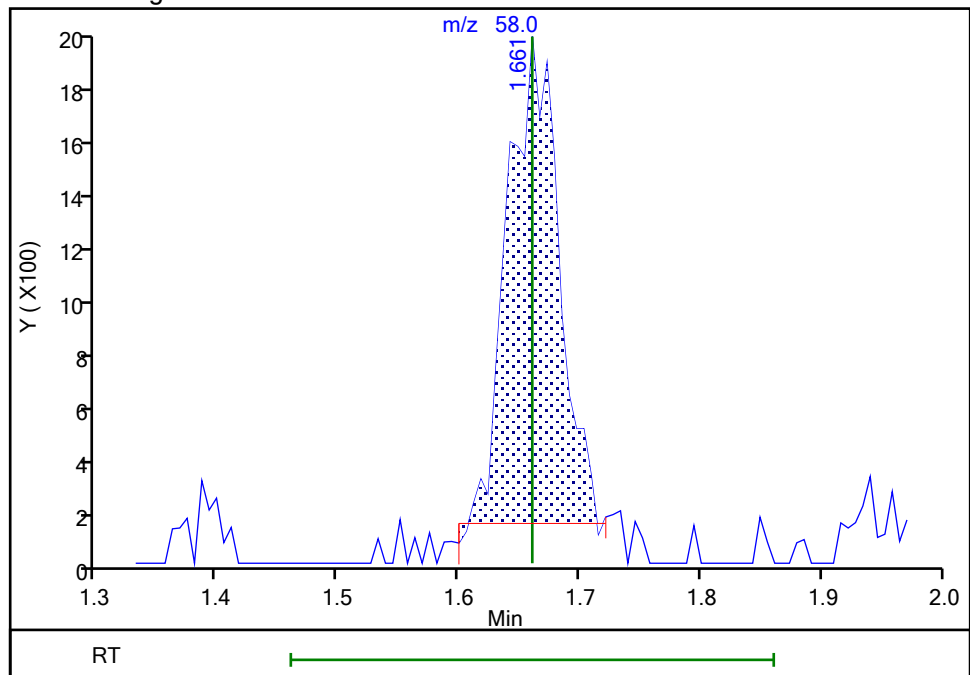
RT: 1.64
Area: 2773
Amount: 25.000000
Amount Units: ug/l

Processing Integration Results



RT: 1.66
Area: 5275
Amount: 25.913476
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:32:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

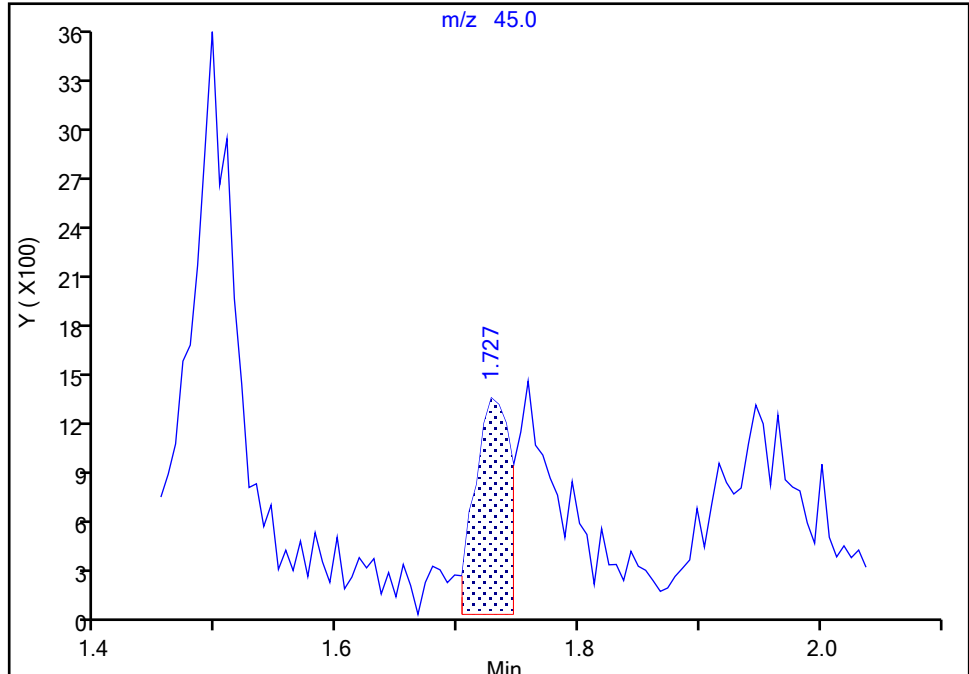
MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

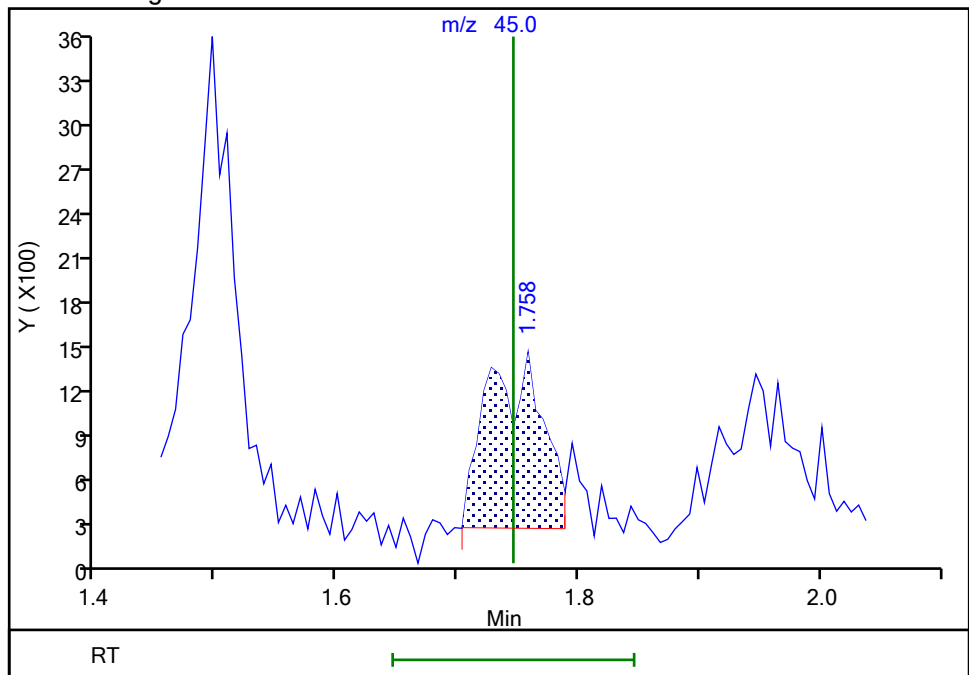
RT: 1.73
Area: 2769
Amount: 29.279576
Amount Units: ug/l

Processing Integration Results



RT: 1.76
Area: 3883
Amount: 40.867598
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:56:34

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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)

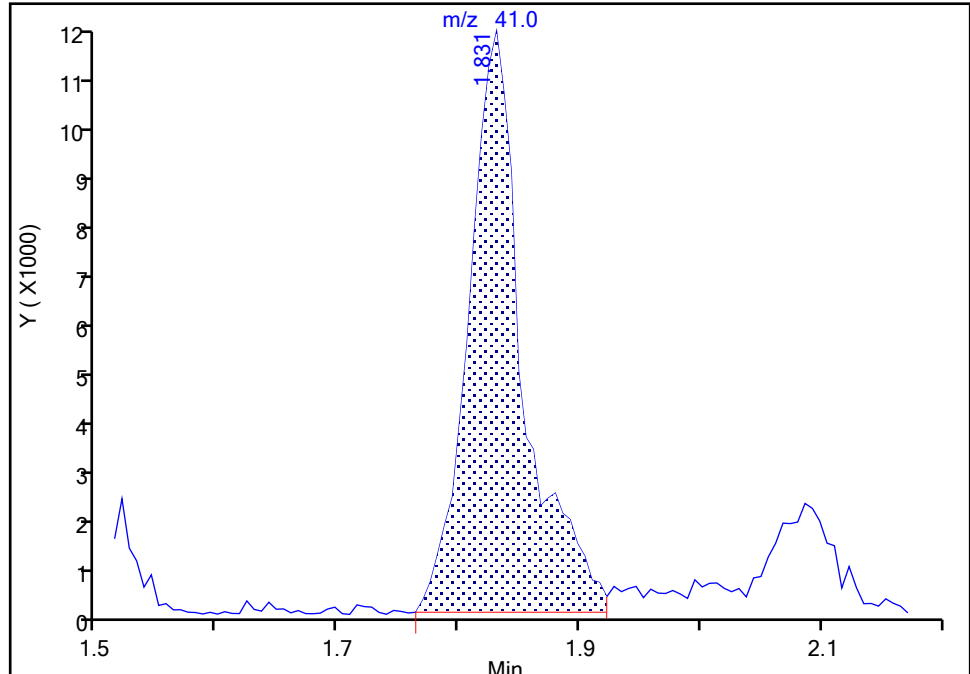
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

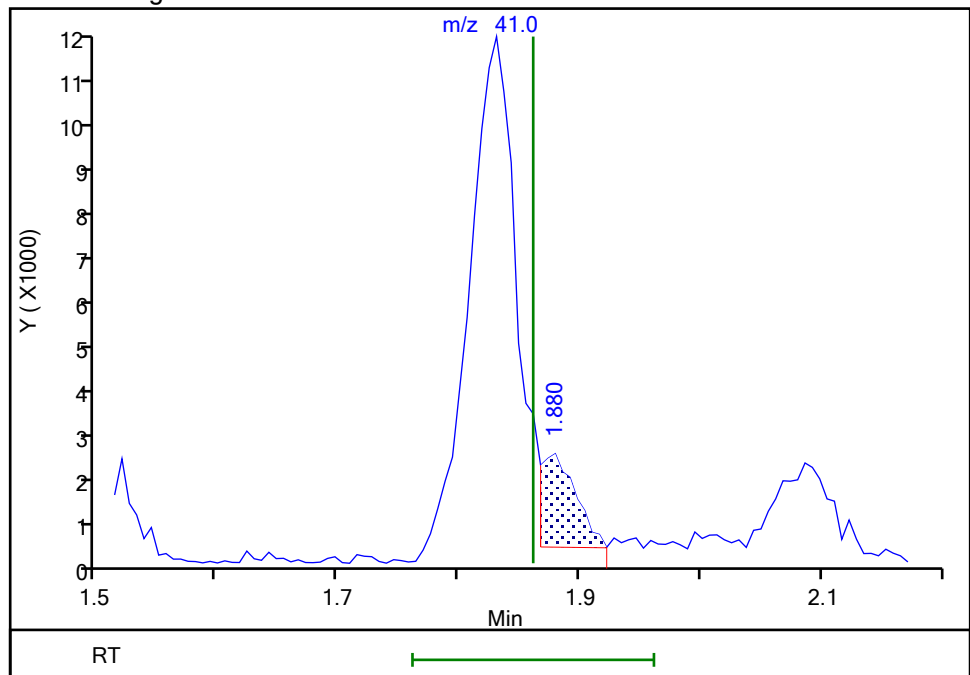
RT: 1.83
Area: 36654
Amount: 73.344127
Amount Units: ug/l

Processing Integration Results



RT: 1.88
Area: 4220
Amount: 36.619172
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:57:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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)

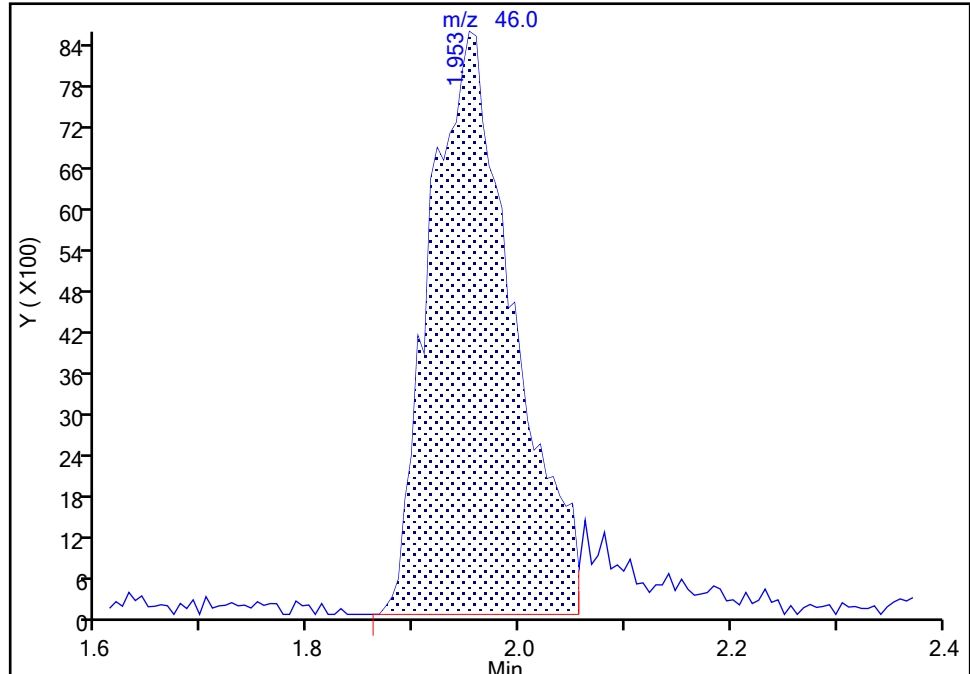
Detector: MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

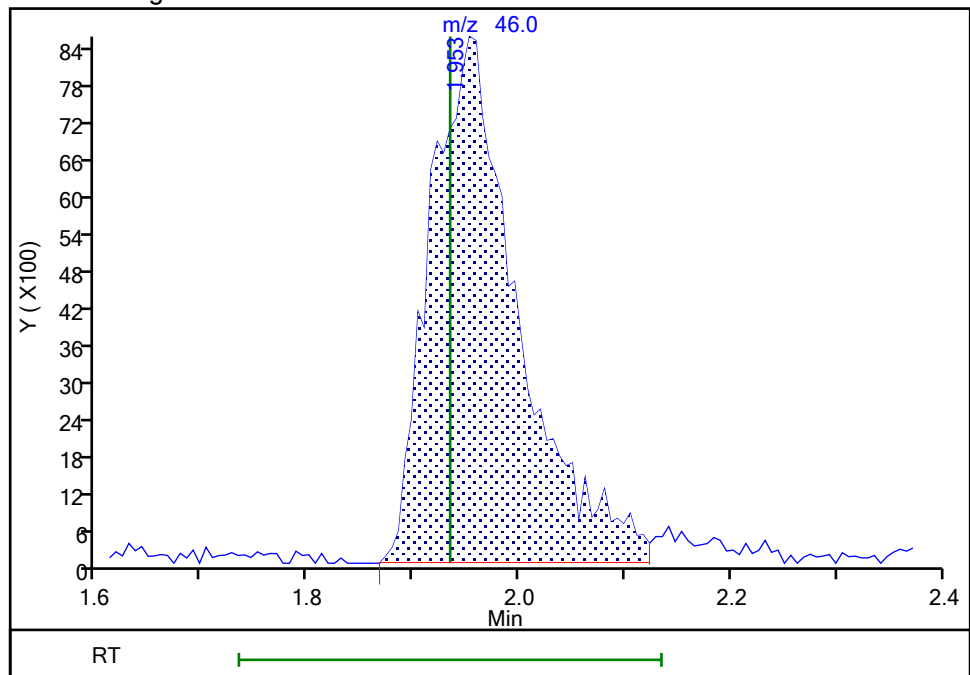
RT: 1.95
Area: 46649
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 1.95
Area: 49478
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:29:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

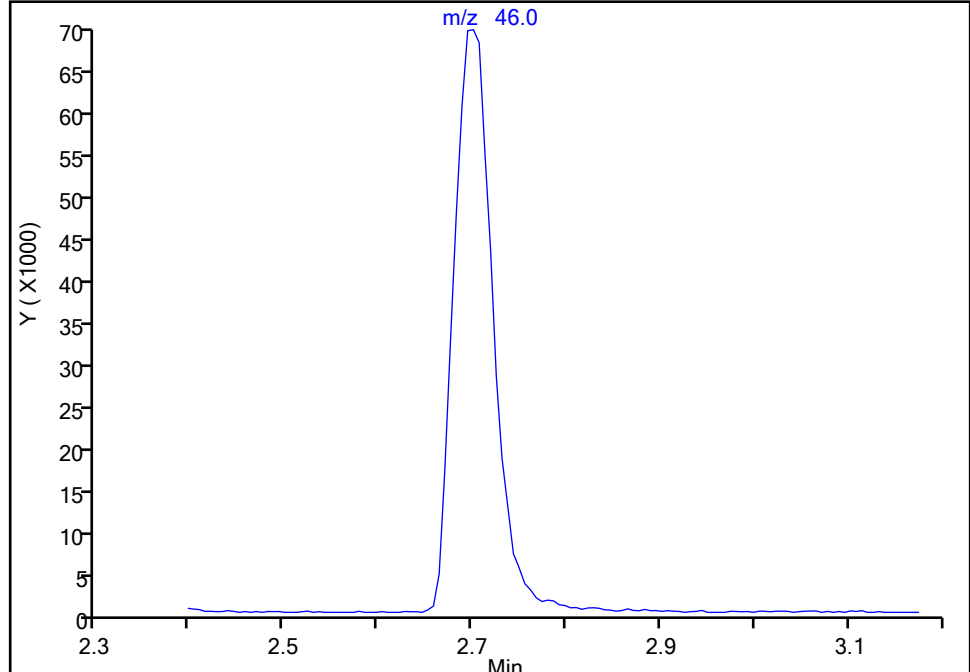
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 2.69

Processing Integration Results



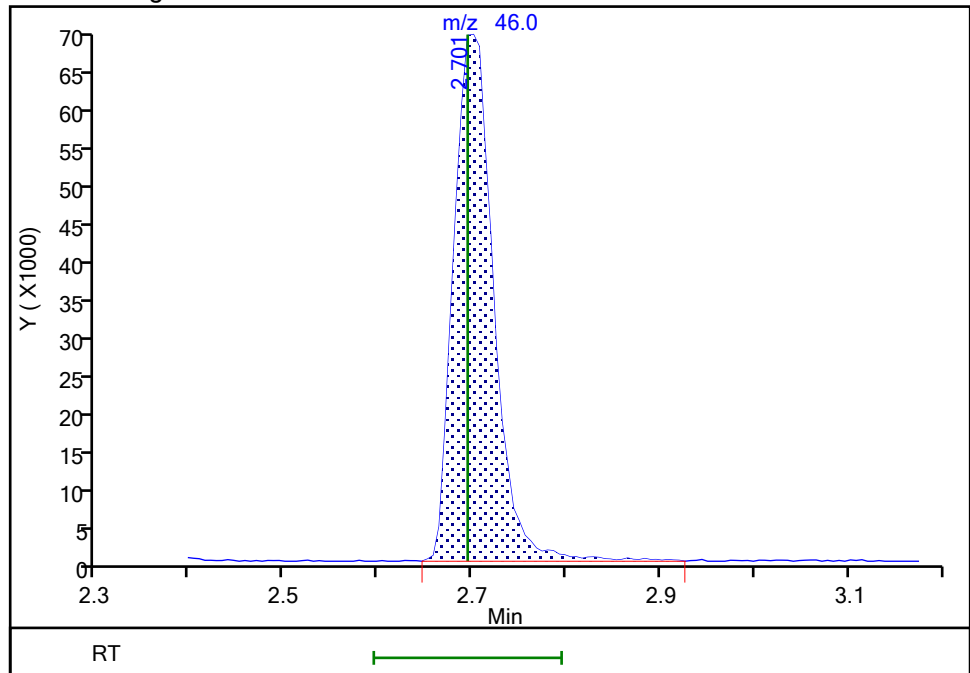
RT: 2.70

Area: 204366

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:31:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

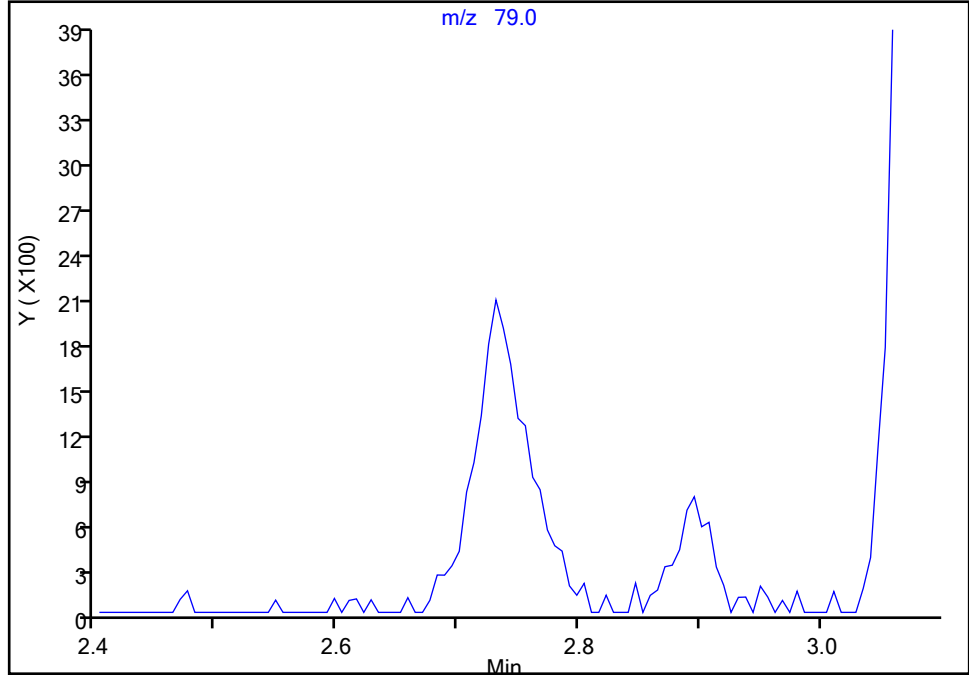
44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Not Detected

Expected RT: 2.73

Processing Integration Results



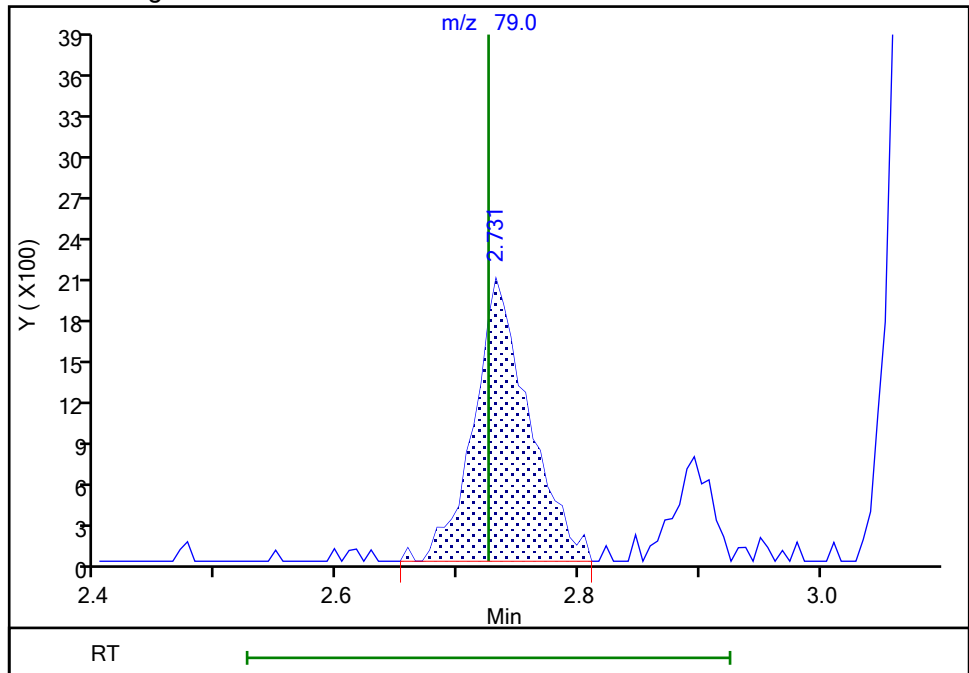
RT: 2.73

Area: 6460

Amount: 5.302724

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:32:43

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

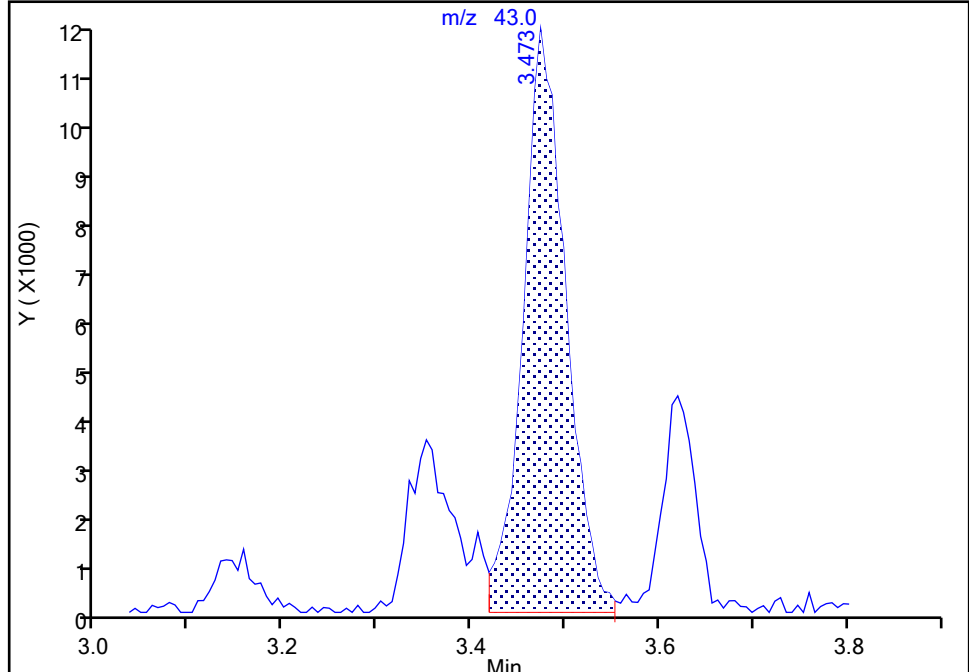
MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

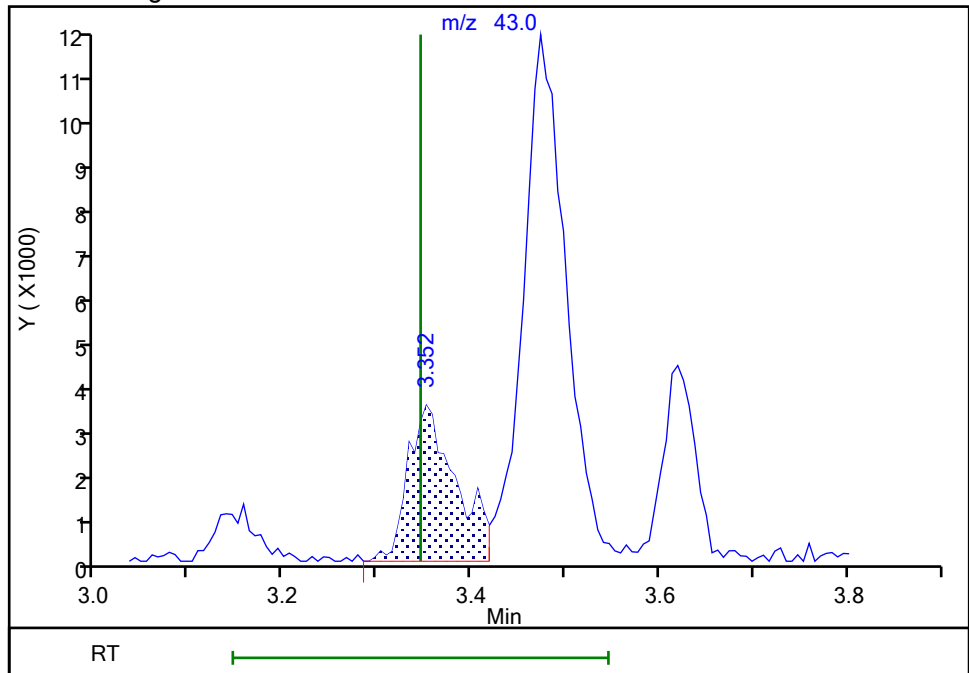
RT: 3.47
Area: 35434
Amount: 211.0018
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 11677
Amount: 156.5743
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:01:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

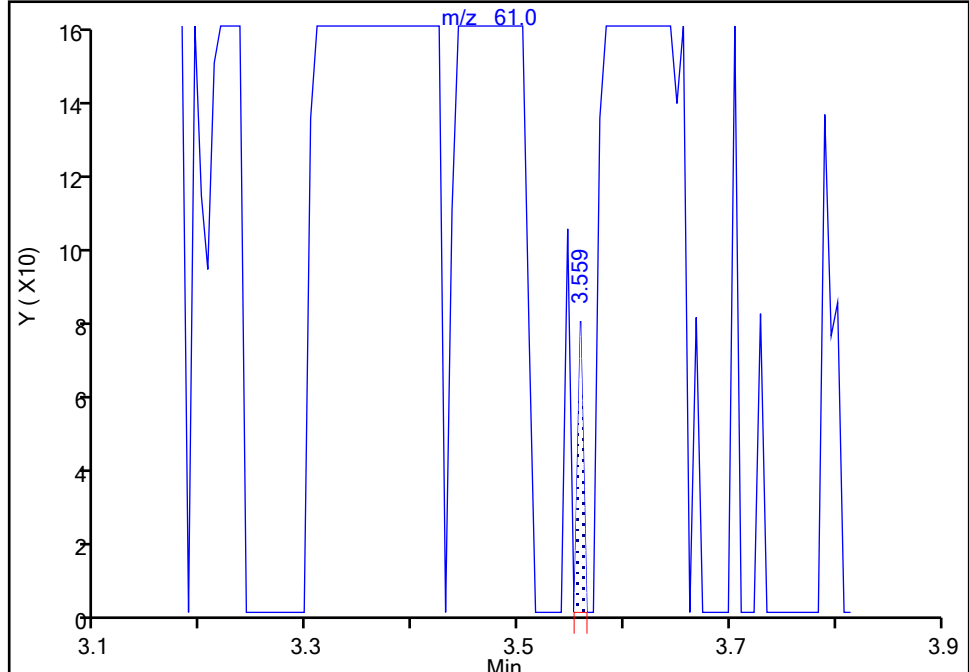
MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

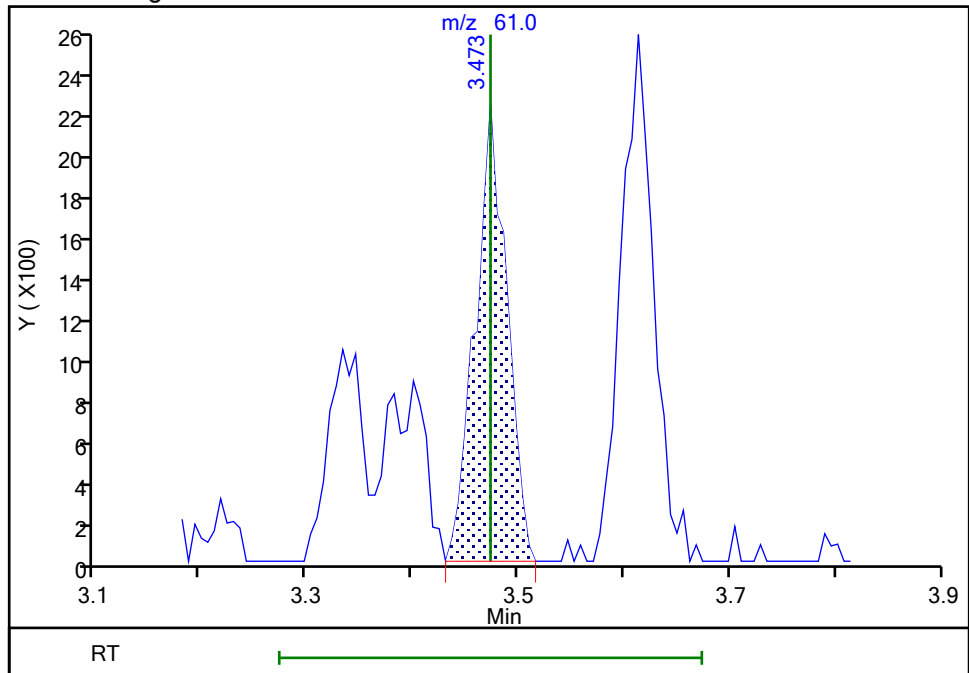
RT: 3.56
Area: 29
Amount: 5.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 4638
Amount: 5.792392
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:02:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

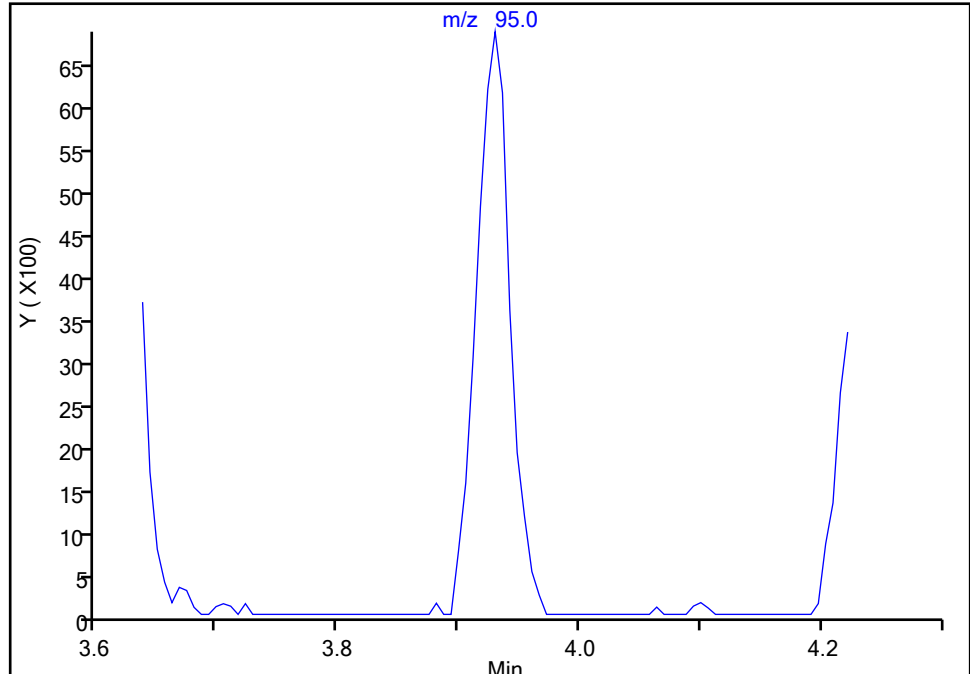
69 Trichloroethene, CAS: 79-01-6

Signal: 1

Not Detected

Expected RT: 3.92

Processing Integration Results



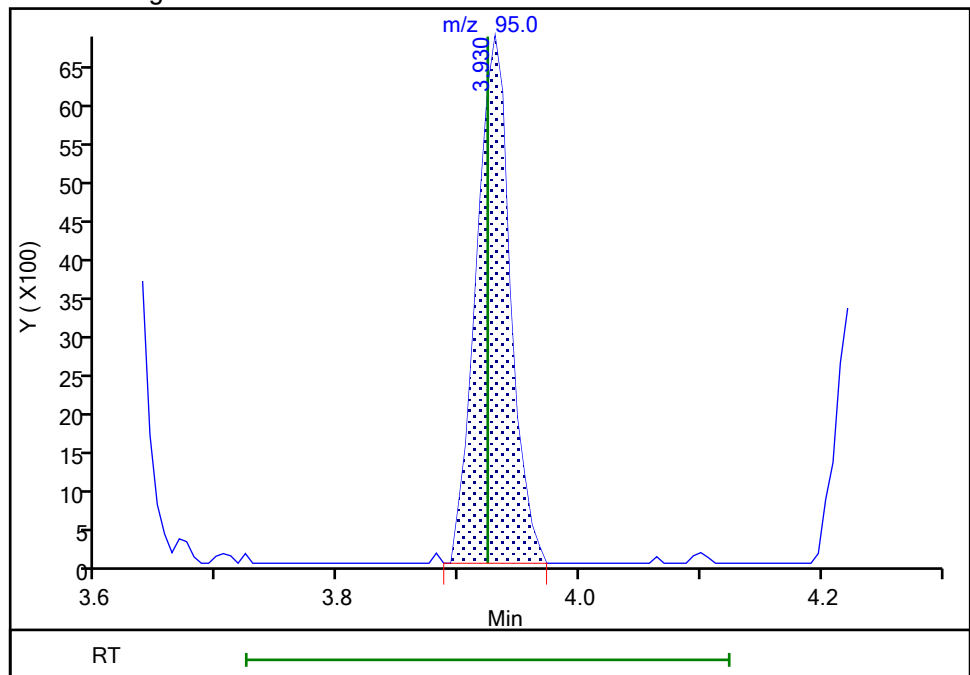
RT: 3.93

Area: 13339

Amount: 5.604418

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:33:02

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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

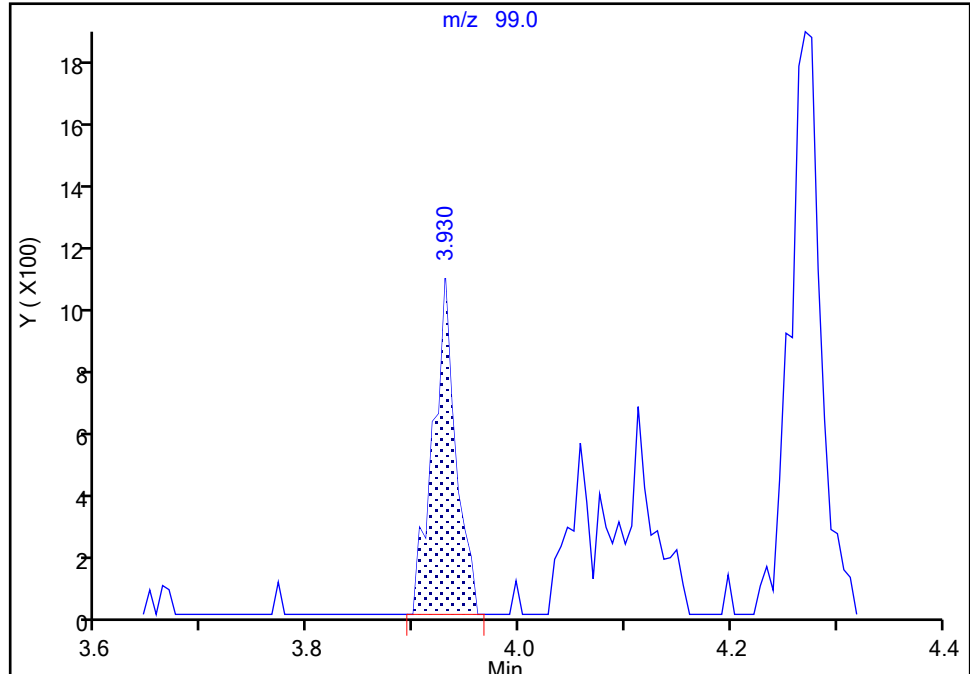
MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

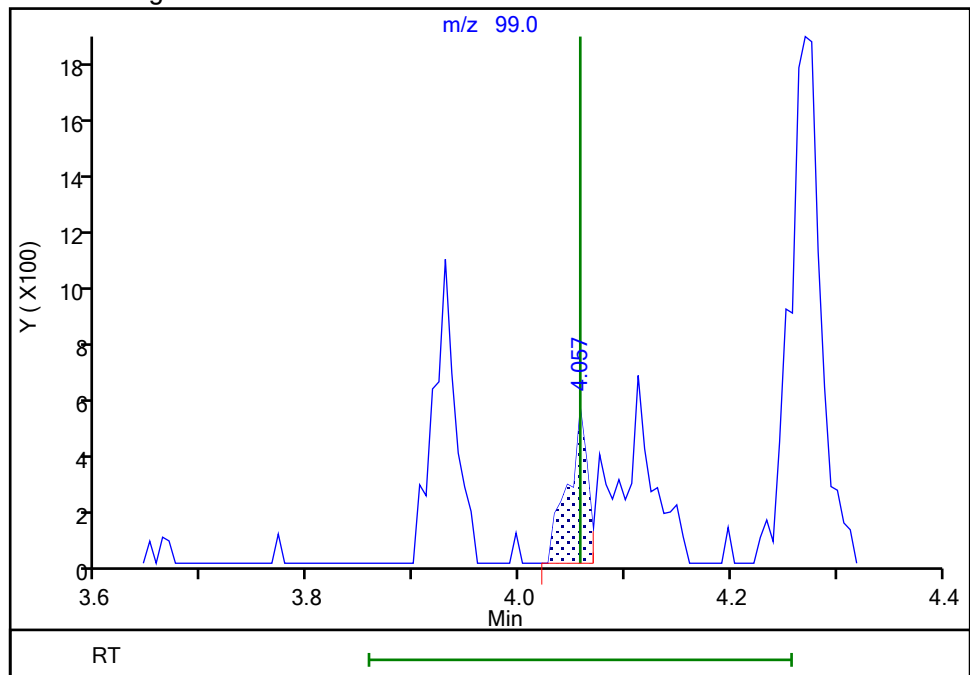
RT: 3.93
Area: 1574
Amount: 5.153625
Amount Units: ug/l

Processing Integration Results



RT: 4.06
Area: 706
Amount: 3.234836
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:57:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57145.D

Injection Date: 25-Oct-2022 07:49:30

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)

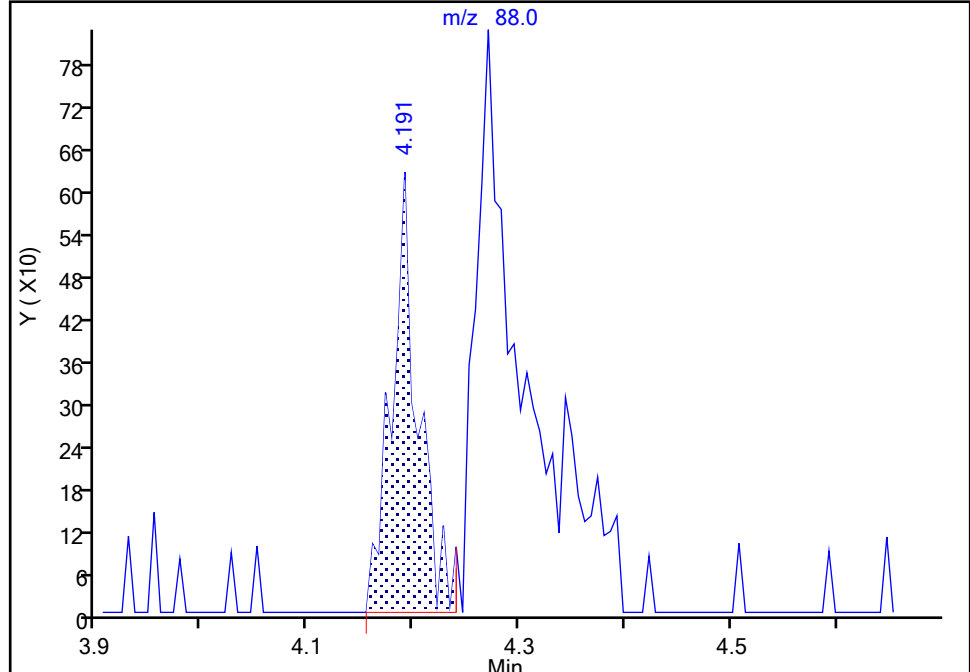
Detector: MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

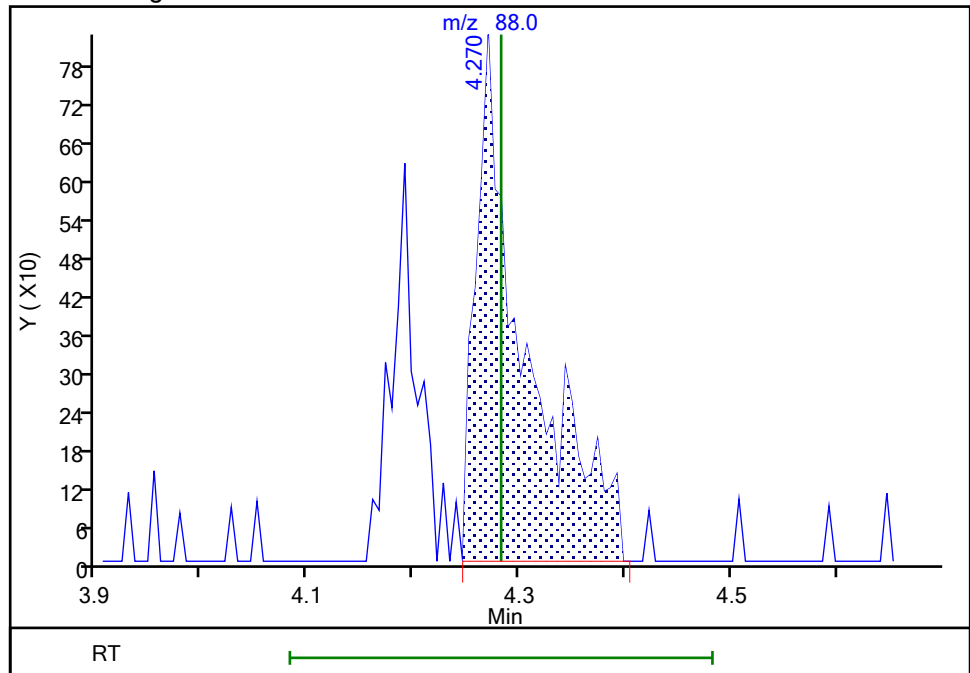
RT: 4.19
Area: 1087
Amount: 58.879659
Amount Units: ug/l

Processing Integration Results



RT: 4.27
Area: 2690
Amount: 121.6519
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:33:17

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 25-Oct-2022 08:12:30 ALS Bottle#: 22 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0152213-006
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:36:54 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 08:30:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.864	0.864	0.000	54	28842	20.0	19.9	
6 Chlorodifluoromethane	51	0.882	0.882	0.000	95	124532	20.0	20.5	
5 Dichlorodifluoromethane	85	0.888	0.888	0.000	53	73891	20.0	18.2	
7 Chloromethane	52	0.991	0.991	0.000	99	30954	20.0	19.4	
9 Butadiene	54	1.040	1.040	0.000	93	56932	20.0	19.5	
8 Vinyl chloride	62	1.046	1.046	0.000	72	61578	20.0	19.4	
10 Bromomethane	94	1.210	1.210	0.000	97	49071	20.0	19.6	
11 Chloroethane	64	1.241	1.241	0.000	99	37123	20.0	19.9	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	99	102429	20.0	19.9	
14 Pentane	72	1.381	1.381	0.000	95	18719	40.0	43.8	
13 Trichlorofluoromethane	101	1.393	1.393	0.000	44	81839	20.0	19.9	
16 Ethyl ether	74	1.490	1.490	0.000	75	28854	20.0	20.4	
15 Ethanol	46	1.508	1.508	0.000	35	7859	800.0	952.9	M
17 2-Methyl-1,3-butadiene	53	1.508	1.508	0.000	92	47615	20.0	19.9	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.527	1.527	0.000	94	51831	20.0	20.5	a
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.563	1.563	0.000	94	84462	20.0	20.0	a
20 Acrolein	56	1.563	1.563	0.000	46	16969	40.0	39.7	
22 1,1-Dichloroethene	96	1.630	1.630	0.000	97	52961	20.0	20.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.660	1.660	0.000	93	61596	20.0	20.8	
23 Acetone	58	1.660	1.660	0.000	87	21988	100.0	97.7	
24 Iodomethane	142	1.715	1.715	0.000	97	102653	20.0	20.6	
25 Isopropyl alcohol	45	1.746	1.746	0.000	25	22309	200.0	206.8	a
26 Carbon disulfide	76	1.752	1.752	0.000	98	202430	20.0	21.0	a
27 3-Chloro-1-propene	76	1.825	1.825	0.000	91	33923	20.0	16.6	
28 Methyl acetate	74	1.843	1.843	0.000	100	17628	40.0	39.9	
30 Acetonitrile	41	1.861	1.861	0.000	19	27667	200.0	211.4	M
29 Cyclopentene	67	1.873	1.873	0.000	88	121637	20.0	19.8	
32 Methylene Chloride	84	1.898	1.898	0.000	91	62324	20.0	20.1	
* 31 TBA-d9 (IS)	46	1.934	1.934	0.000	73	56186	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.983	1.983	0.000	91	41388	200.0	184.8	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Acrylonitrile	53	2.044	2.044	0.000	94	199402	200.0	197.7	
35 trans-1,2-Dichloroethene	96	2.062	2.062	0.000	93	58169	20.0	20.4	
34 Methyl tert-butyl ether	73	2.086	2.086	0.000	97	156375	20.0	20.2	
37 Hexane	56	2.232	2.232	0.000	91	26215	20.0	19.5	
39 1,1-Dichloroethane	63	2.330	2.330	0.000	99	99962	20.0	20.2	
40 Vinyl acetate	86	2.360	2.360	0.000	100	20337	40.0	38.3	
38 Isopropyl ether	45	2.391	2.391	0.000	86	159272	20.0	19.7	
41 2-Chloro-1,3-butadiene	88	2.391	2.391	0.000	77	51723	20.0	20.1	
42 Tert-butyl ethyl ether	59	2.640	2.640	0.000	91	171738	20.0	22.0	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	98	225878	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	97	61884	20.0	19.6	
44 2,2-Dichloropropane	79	2.725	2.725	0.000	83	26285	20.0	18.8	
46 2-Butanone (MEK)	72	2.737	2.737	0.000	98	29202	100.0	97.9	
47 Ethyl acetate	70	2.780	2.780	0.000	99	11050	40.0	39.0	
49 Propionitrile	54	2.780	2.780	0.000	96	72511	200.0	200.3	a
48 Methyl acrylate	55	2.810	2.810	0.000	100	58386	20.0	20.0	
52 Methacrylonitrile	67	2.889	2.889	0.000	89	220967	200.0	199.6	
51 Chlorobromomethane	128	2.889	2.889	0.000	74	31409	20.0	20.5	
50 Tetrahydrofuran	72	2.938	2.938	0.000	83	14431	40.0	39.7	
53 Chloroform	83	2.956	2.956	0.000	99	97384	20.0	20.3	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	109329	50.0	50.0	
55 1,1,1-Trichloroethane	97	3.102	3.102	0.000	97	82002	20.0	20.5	
54 Cyclohexane	84	3.151	3.151	0.000	89	80223	20.0	20.8	a
58 1,1-Dichloropropene	75	3.218	3.218	0.000	97	74789	20.0	20.5	
57 Carbon tetrachloride	117	3.218	3.218	0.000	78	66007	20.0	19.8	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.333	0.000	82	117939	50.0	50.1	
59 Isobutyl alcohol	43	3.346	3.346	0.000	33	35709	500.0	421.6	a
61 Benzene	78	3.382	3.382	0.000	94	219881	20.0	20.0	
65 1,2-Dichloroethane	62	3.394	3.394	0.000	97	68395	20.0	19.0	
60 Isooctane	57	3.461	3.461	0.000	94	99046	20.0	19.4	
64 Isopropyl acetate	61	3.473	3.473	0.000	96	18662	20.0	20.4	a
63 Tert-amyl methyl ether	73	3.498	3.498	0.000	99	154276	20.0	20.0	
* 67 Fluorobenzene	96	3.613	3.613	0.000	98	467070	50.0	50.0	
66 n-Heptane	71	3.619	3.619	0.000	42	27640	20.0	24.7	
68 n-Butanol	56	3.911	3.911	0.000	33	22172	500.0	474.1	
69 Trichloroethene	95	3.924	3.924	0.000	98	55842	20.0	20.5	
70 Ethyl acrylate	99	4.057	4.057	0.000	97	5042	20.0	20.2	M
71 Methylcyclohexane	83	4.100	4.100	0.000	86	72028	20.0	20.4	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	93	54552	20.0	19.8	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	45	21646	1000.0	1000.0	a
76 Dibromomethane	93	4.228	4.228	0.000	96	35224	20.0	19.9	
74 Methyl methacrylate	100	4.264	4.264	0.000	86	25097	40.0	39.2	
75 1,4-Dioxane	88	4.283	4.283	0.000	35	9906	400.0	390.6	
77 n-Propyl acetate	43	4.337	4.337	0.000	98	60032	20.0	18.7	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	66757	20.0	20.0	
79 2-Nitropropane	41	4.611	4.611	0.000	98	14694	40.0	33.8	
80 2-Chloroethyl vinyl ether	63	4.708	4.708	0.000	92	34509	20.0	19.0	
81 Epichlorohydrin	57	4.751	4.751	0.000	99	98878	400.0	400.5	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	85173	20.0	20.1	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.019	0.000	95	228303	100.0	103.3	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	417060	50.0	50.3	
85 Toluene	91	5.165	5.165	0.000	93	221317	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
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	95	72394	20.0	19.7	
87 Ethyl methacrylate	69	5.566	5.566	0.000	88	59016	20.0	19.3	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	95	39862	20.0	19.7	
89 Tetrachloroethene	166	5.749	5.749	0.000	94	48429	20.0	19.8	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	92	78190	20.0	19.5	
91 2-Hexanone	58	5.931	5.931	0.000	95	89891	100.0	104.9	
93 Chlorodibromomethane	129	6.035	6.035	0.000	97	46855	20.0	19.2	
92 n-Butyl acetate	43	6.114	6.114	0.000	98	66374	20.0	19.6	
94 Ethylene Dibromide	107	6.138	6.138	0.000	98	50148	20.0	20.0	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	348330	50.0	50.0	
96 Chlorobenzene	112	6.734	6.734	0.000	96	143875	20.0	19.6	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	94	50915	20.0	20.3	
97 Ethylbenzene	106	6.892	6.892	0.000	98	75061	20.0	20.2	
99 m-Xylene & p-Xylene	106	7.044	7.044	0.000	97	94899	20.0	20.5	
100 o-Xylene	106	7.525	7.525	0.000	93	93593	20.0	20.4	
102 Styrene	104	7.549	7.549	0.000	96	153317	20.0	20.9	
101 n-Butyl acrylate	73	7.586	7.586	0.000	98	38772	20.0	20.2	
104 Bromoform	173	7.744	7.744	0.000	95	28620	20.0	17.9	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	92	79738	20.0	19.5	
105 Isopropylbenzene	105	8.024	8.024	0.000	95	222404	20.0	20.8	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	89	134809	50.0	51.0	
107 Bromobenzene	156	8.346	8.346	0.000	97	63871	20.0	19.9	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	98	66418	20.0	19.2	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	98	17949	20.0	18.4	
111 trans-1,4-Dichloro-2-butene	53	8.517	8.517	0.000	91	16785	20.0	19.7	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	257531	20.0	20.3	
112 2-Chlorotoluene	91	8.626	8.626	0.000	96	166274	20.0	19.8	
113 4-Ethyltoluene	105	8.724	8.724	0.000	100	218789	20.0	20.3	
115 4-Chlorotoluene	91	8.778	8.778	0.000	98	194459	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	93	186386	20.0	20.2	
116 Butyl Methacrylate	87	9.034	9.034	0.000	90	63555	20.0	19.4	
117 tert-Butylbenzene	119	9.228	9.228	0.000	94	142246	20.0	20.2	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	200192	20.0	20.6	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	197858	20.0	20.0	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	95	113080	20.0	19.6	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	205962	50.0	50.0	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	179929	20.0	20.5	
123 1,4-Dichlorobenzene	146	9.679	9.679	0.000	94	118455	20.0	19.2	
124 1,2,3-Trimethylbenzene	105	9.758	9.758	0.000	99	214006	20.0	20.3	
125 Benzyl chloride	126	9.849	9.849	0.000	100	21332	20.0	19.2	
126 2,3-Dihydroindene	117	9.946	9.946	0.000	95	212671	20.0	20.3	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	96	109611	20.0	19.7	
127 p-Diethylbenzene	119	10.092	10.092	0.000	94	104367	20.0	21.4	
128 n-Butylbenzene	92	10.111	10.111	0.000	98	87515	20.0	20.8	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	94	9437	20.0	18.6	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	97	158485	20.0	20.5	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	61488	20.0	19.0	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	45159	20.0	18.8	
134 Hexachlorobutadiene	225	11.662	11.662	0.000	96	18207	20.0	18.8	
135 Naphthalene	128	11.686	11.686	0.000	99	98931	20.0	19.5	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	94	26941	20.0	19.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.0	

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	40.9	
S 139 Total BTEX	1				0		100.0	101.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

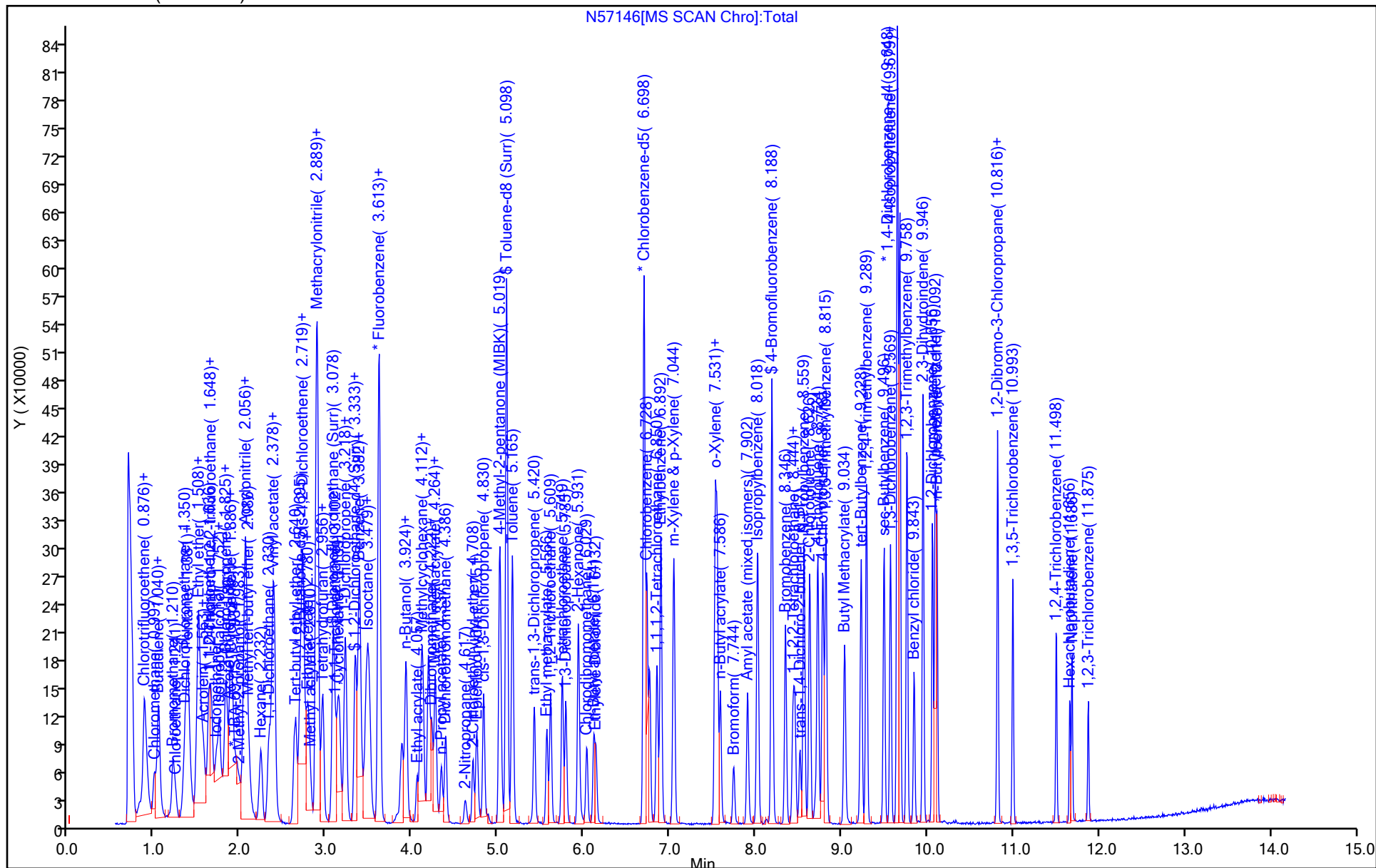
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

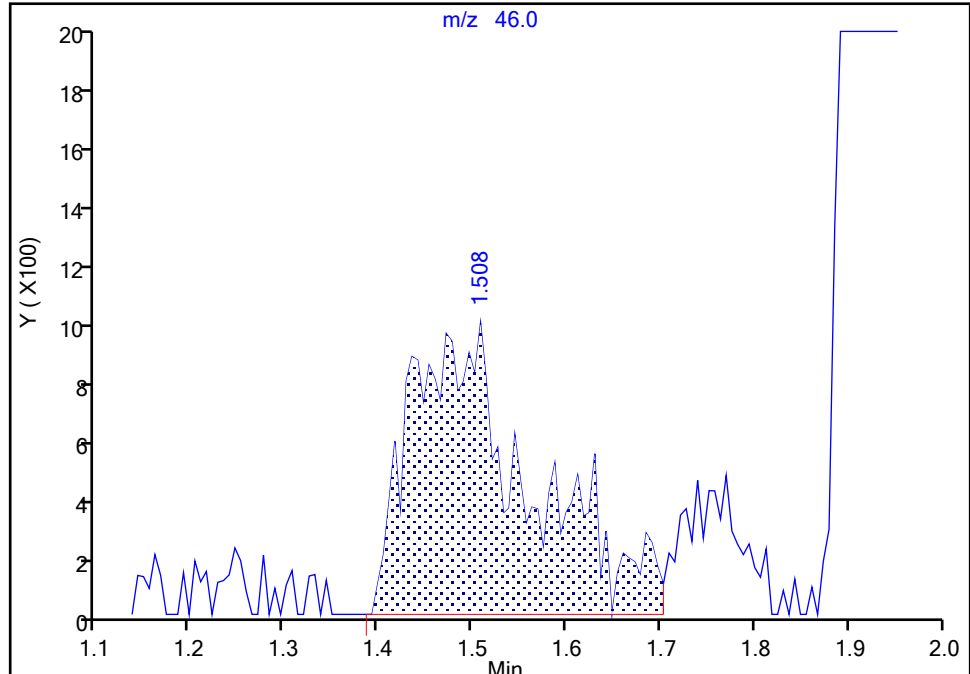
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

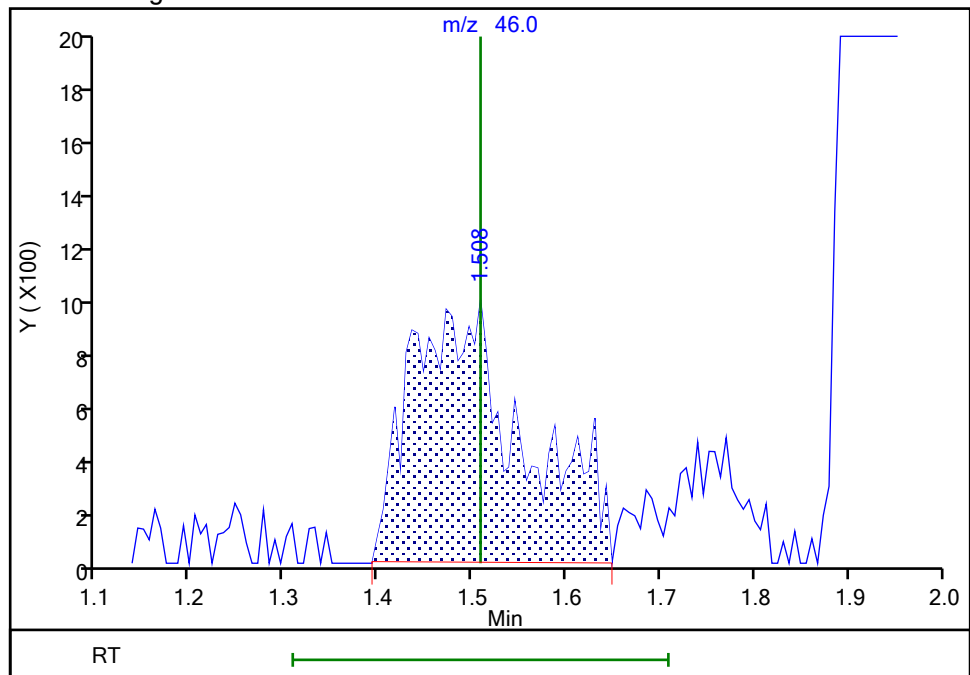
RT: 1.51
Area: 8495
Amount: 1002.5361
Amount Units: ug/l

Processing Integration Results



RT: 1.51
Area: 7859
Amount: 952.9103
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:26:53

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

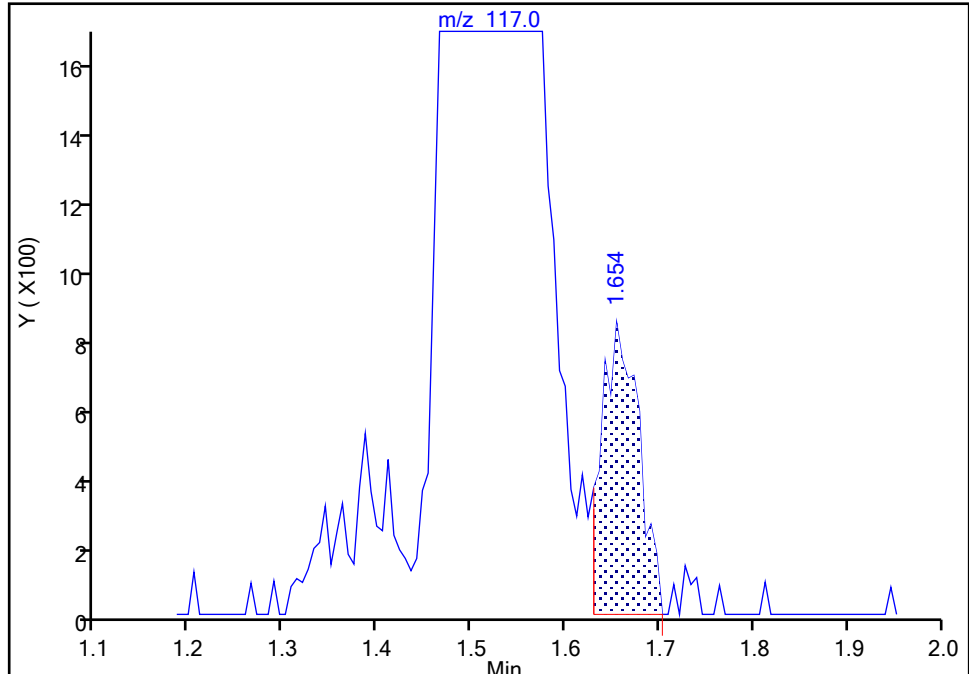
MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

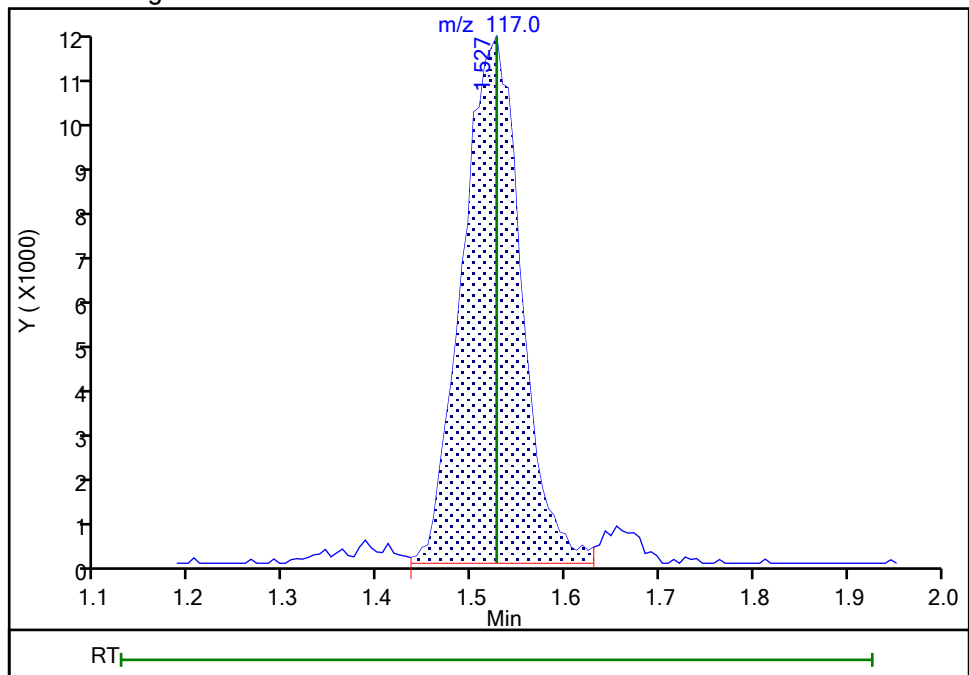
RT: 1.65
Area: 2301
Amount: 2.594971
Amount Units: ug/l

Processing Integration Results



RT: 1.53
Area: 51831
Amount: 20.538743
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:28:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

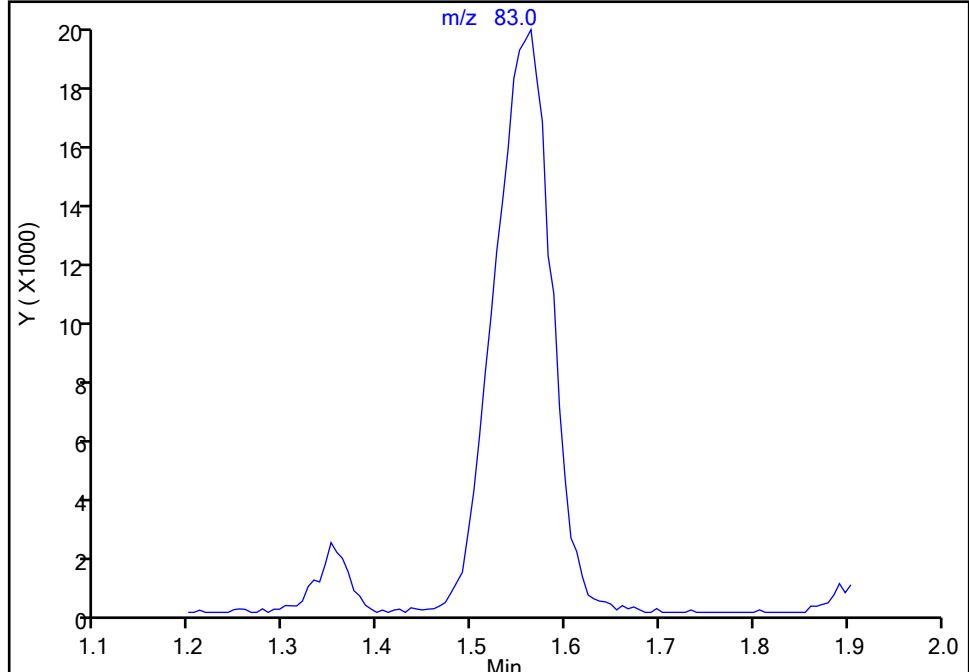
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

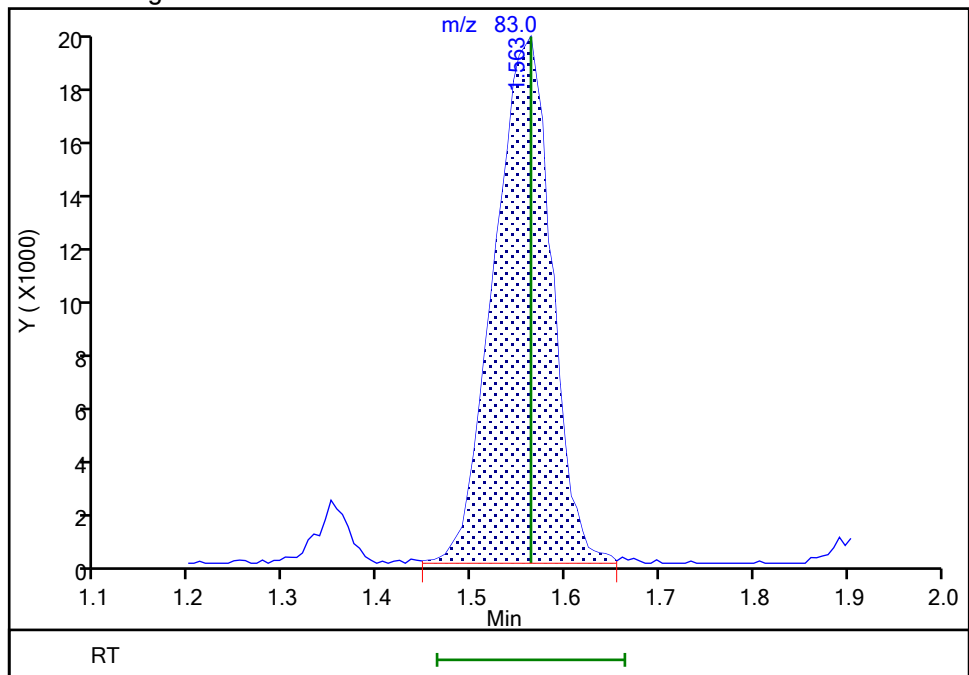
Expected RT: 1.56

Processing Integration Results



Manual Integration Results

RT: 1.56
Area: 84462
Amount: 20.021917
Amount Units: ug/l



Reviewer: KG2Q, 25-Oct-2022 08:28:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

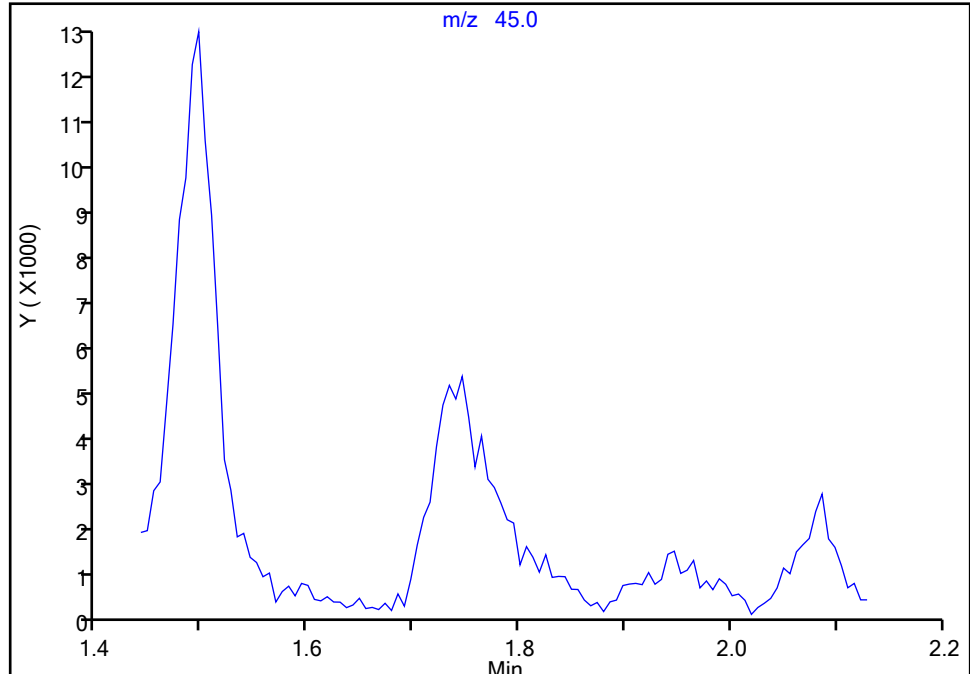
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

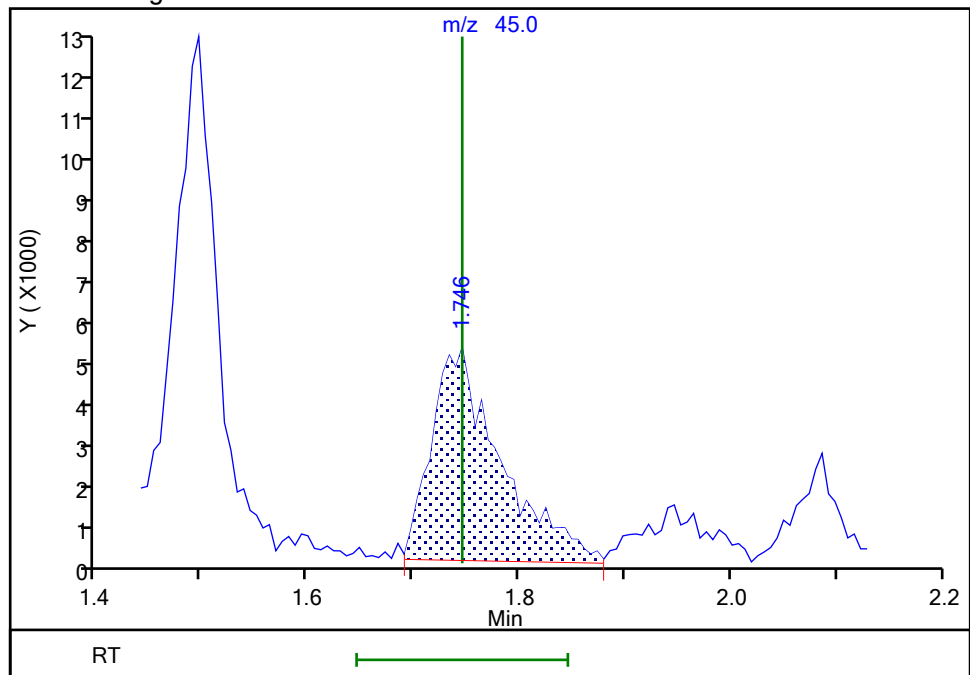
Not Detected

Expected RT: 1.75

Processing Integration Results



Manual Integration Results



RT: 1.75

Area: 22309

Amount: 206.7644

Amount Units: ug/l

Reviewer: KG2Q, 25-Oct-2022 08:28:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

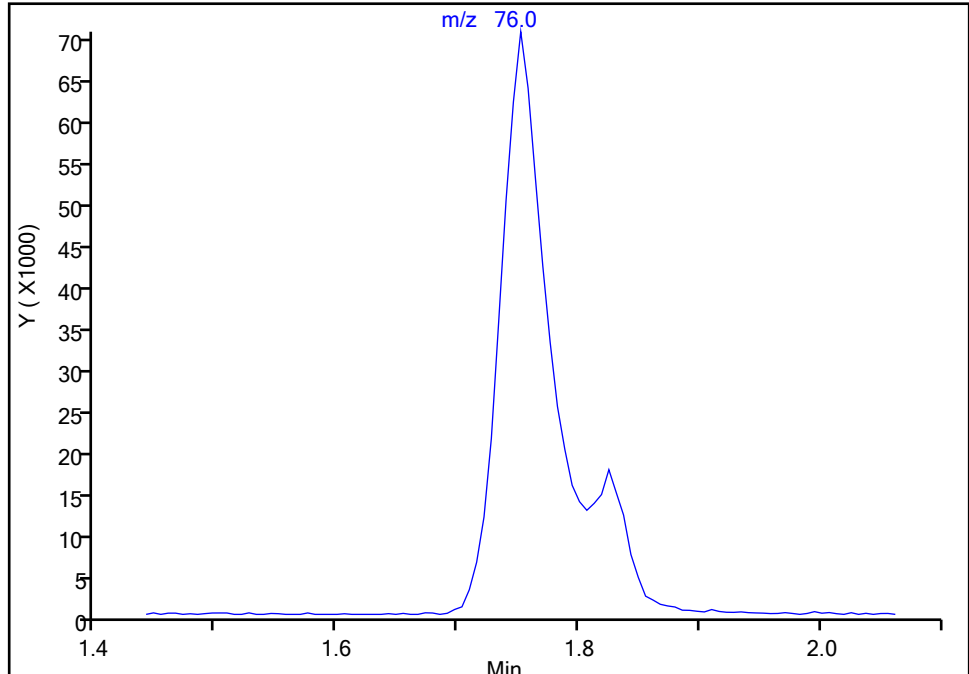
26 Carbon disulfide, CAS: 75-15-0

Signal: 1

Not Detected

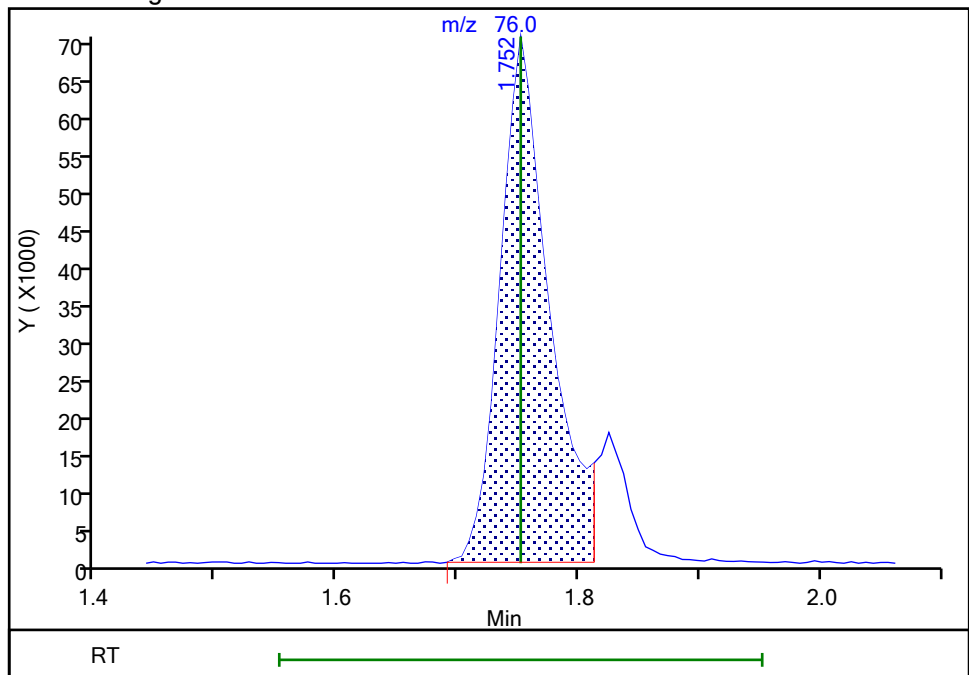
Expected RT: 1.75

Processing Integration Results



RT: 1.75
Area: 202430
Amount: 20.978831
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:28:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

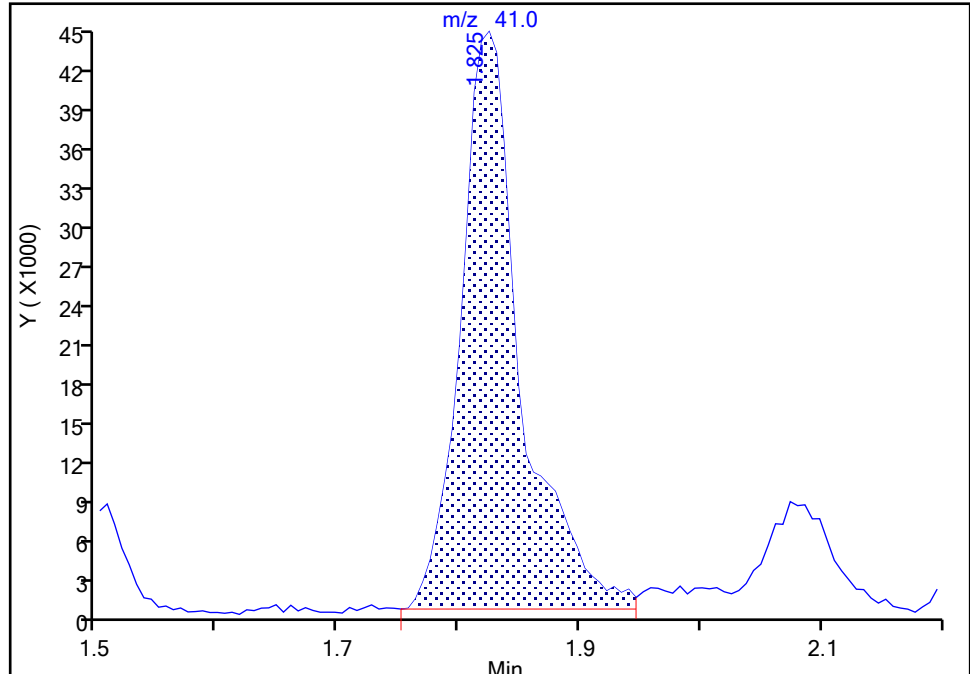
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

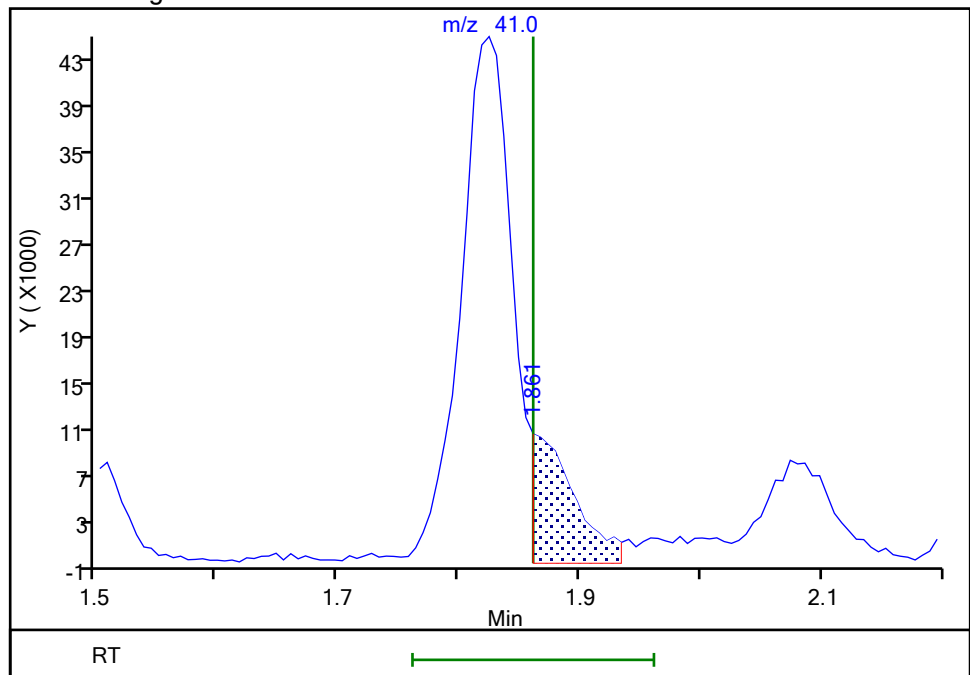
RT: 1.82
Area: 152264
Amount: 188.0764
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 27667
Amount: 211.4181
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:28:45

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

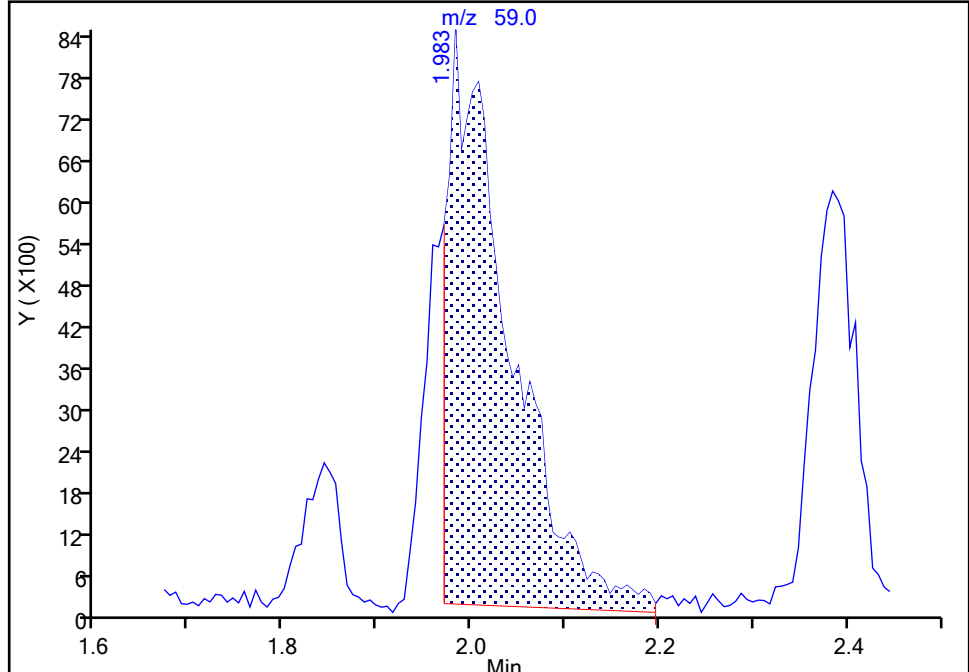
Detector: MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

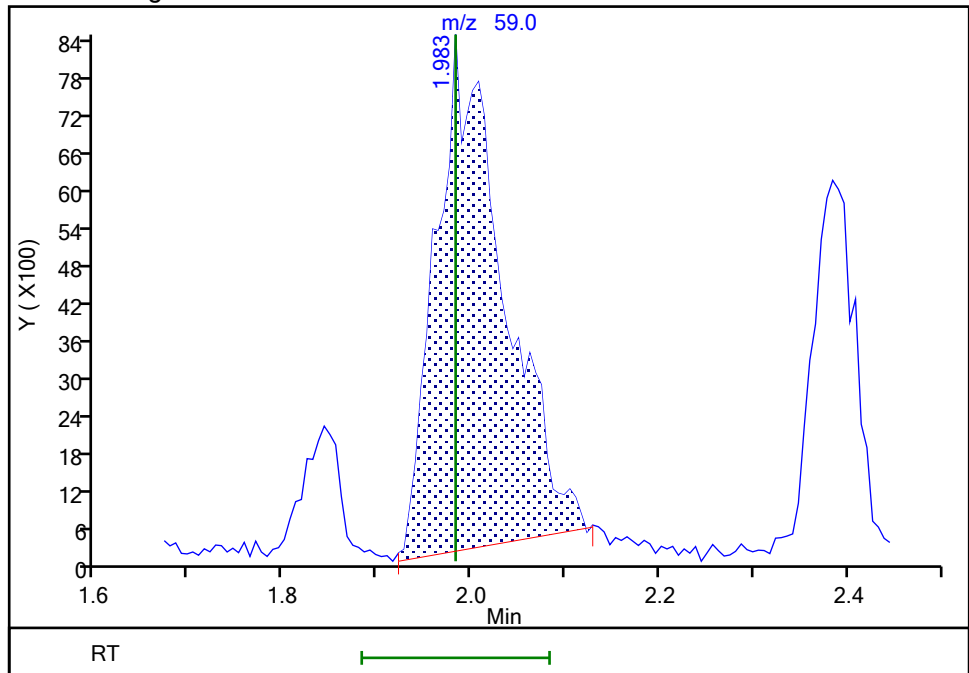
RT: 1.98
Area: 38107
Amount: 199.8380
Amount Units: ug/l

Processing Integration Results



RT: 1.98
Area: 41388
Amount: 184.8218
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:29:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

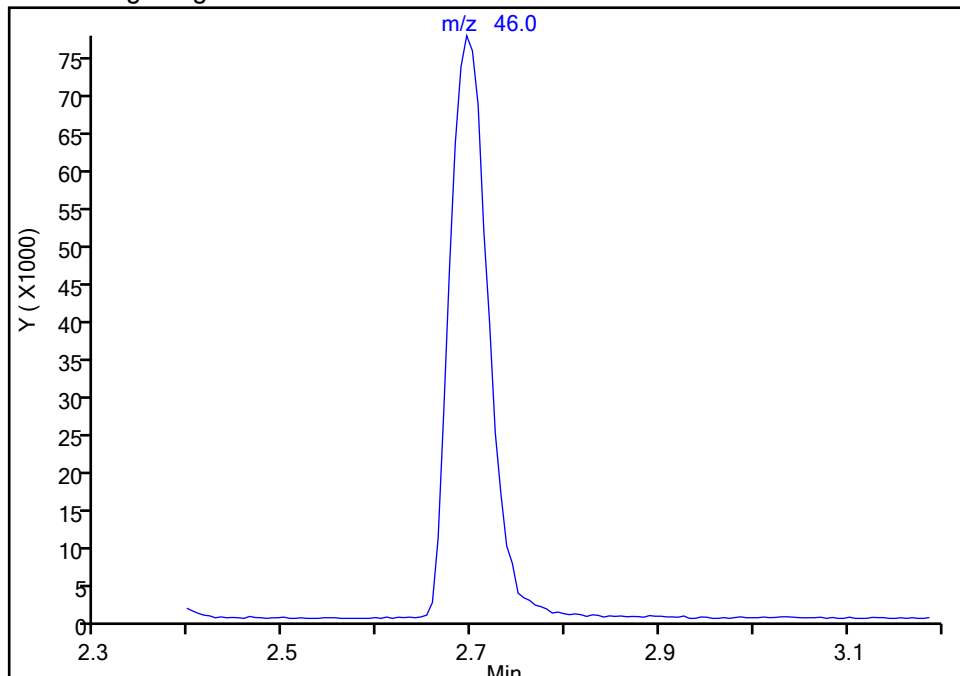
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 2.69

Processing Integration Results



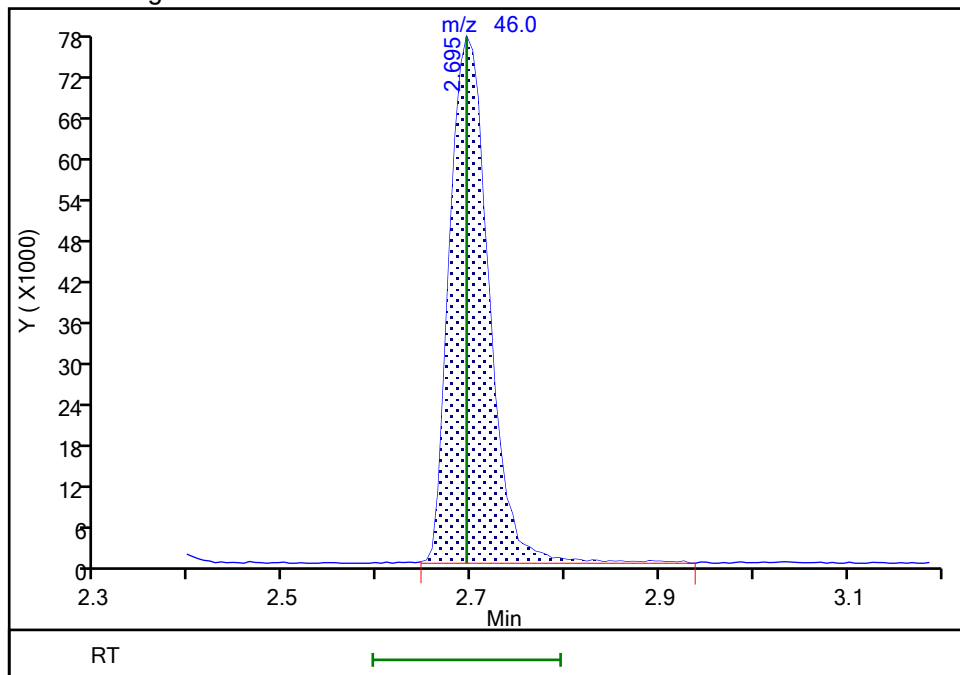
RT: 2.69

Area: 225878

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:27:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

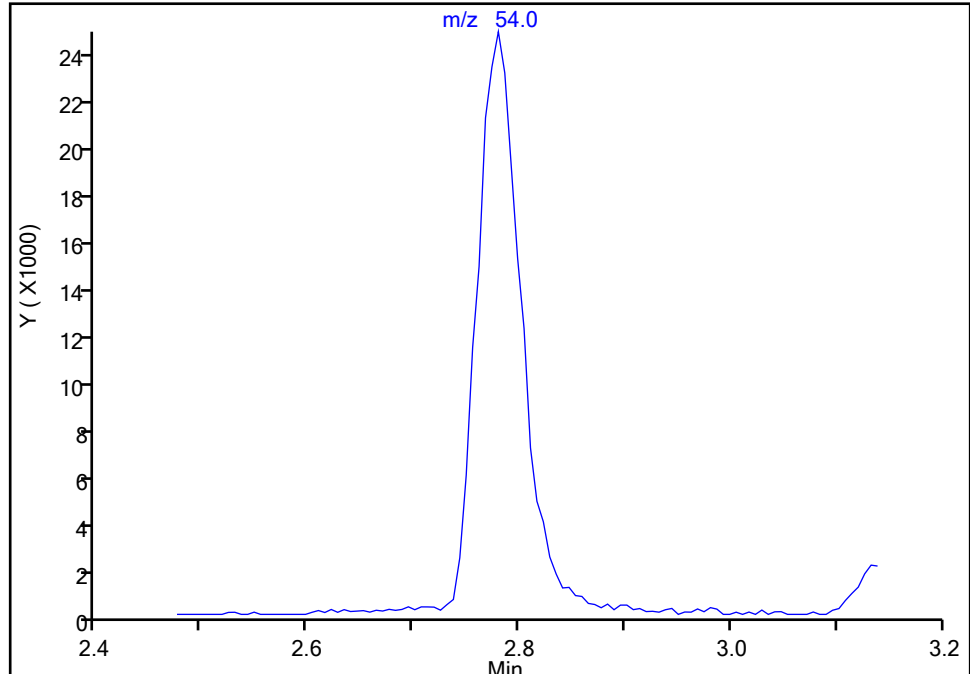
49 Propionitrile, CAS: 107-12-0

Signal: 1

Not Detected

Expected RT: 2.78

Processing Integration Results



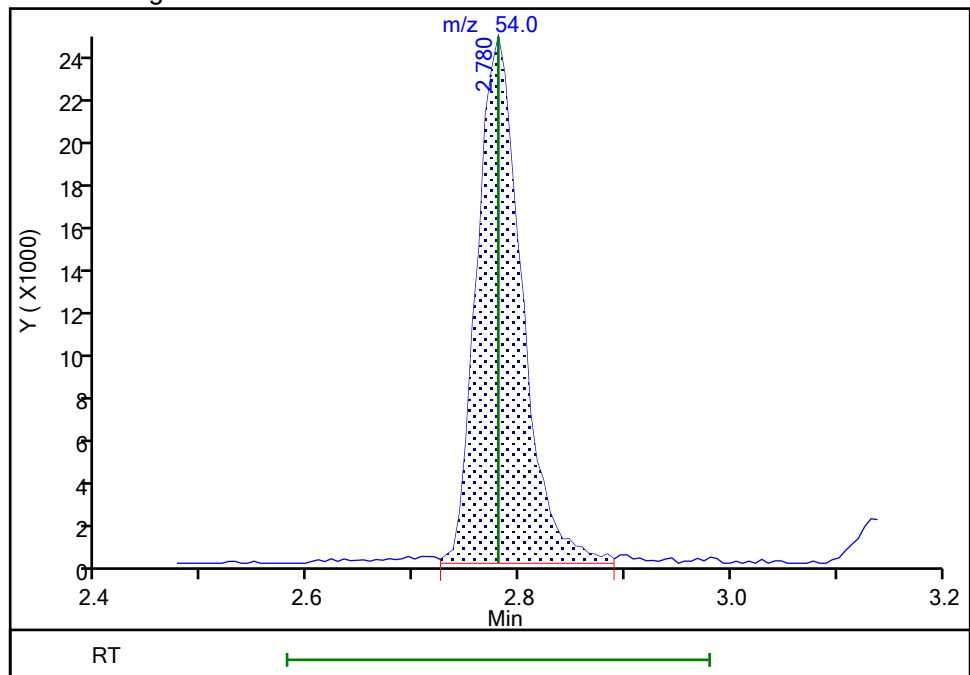
RT: 2.78

Area: 72511

Amount: 200.2576

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:30:11

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

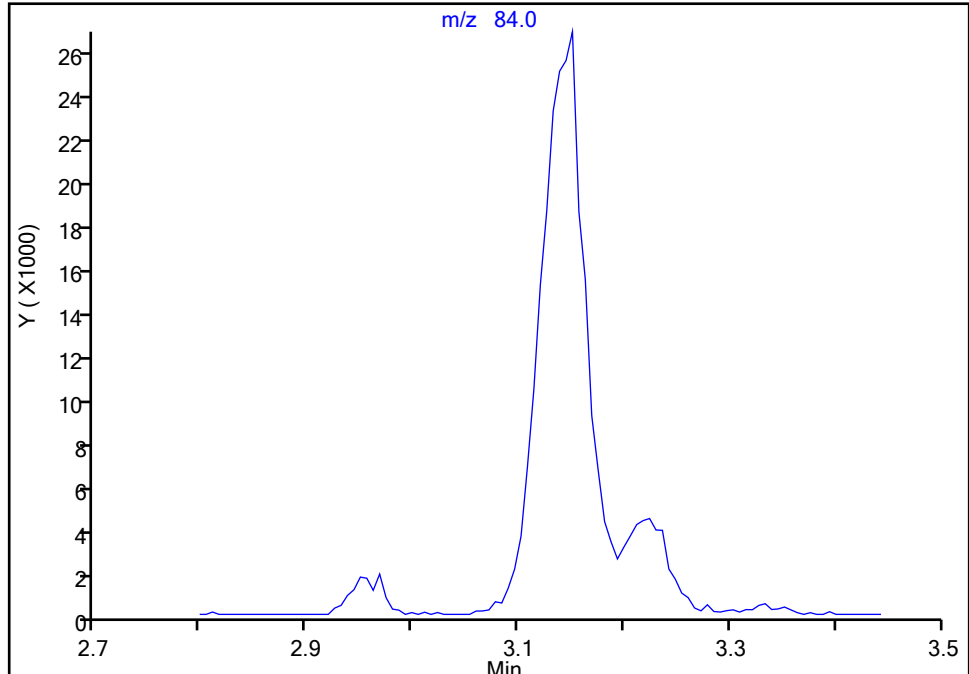
54 Cyclohexane, CAS: 110-82-7

Signal: 1

Not Detected

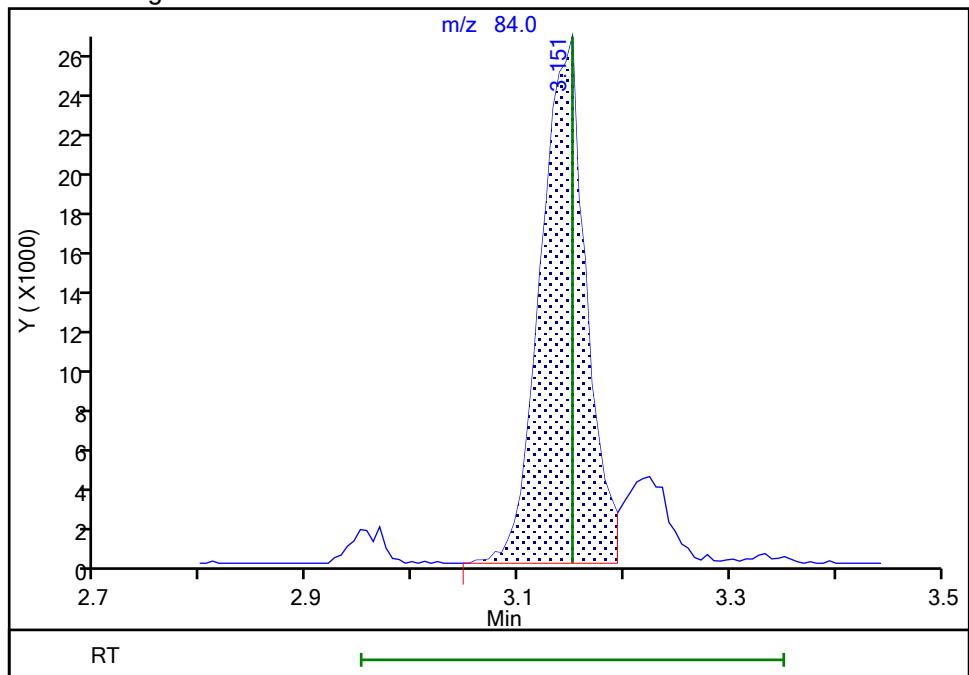
Expected RT: 3.15

Processing Integration Results



RT: 3.15
Area: 80223
Amount: 20.801051
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:30:18

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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

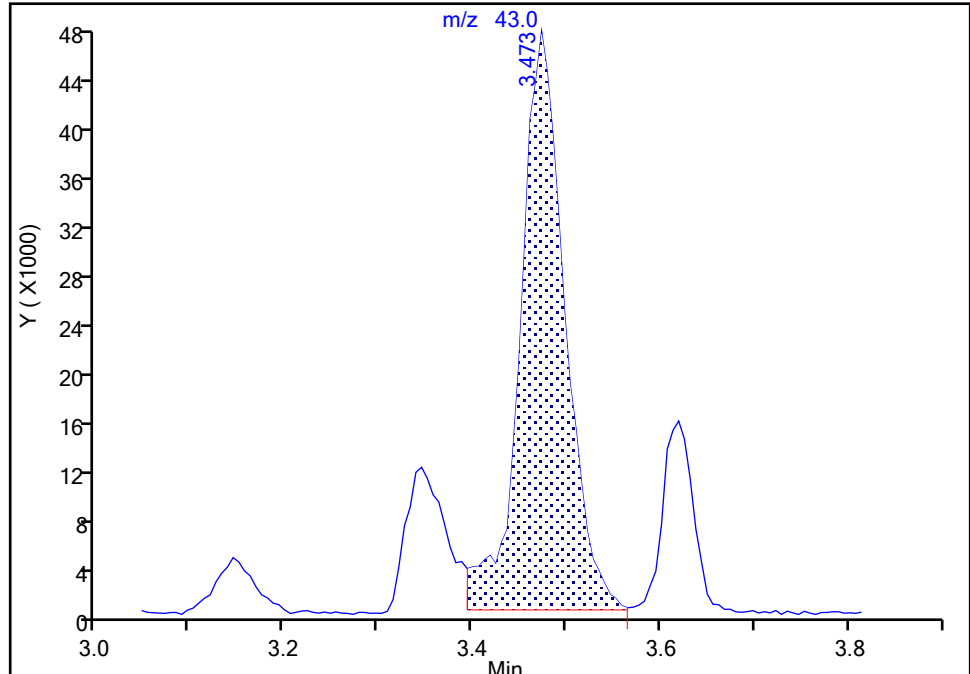
MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

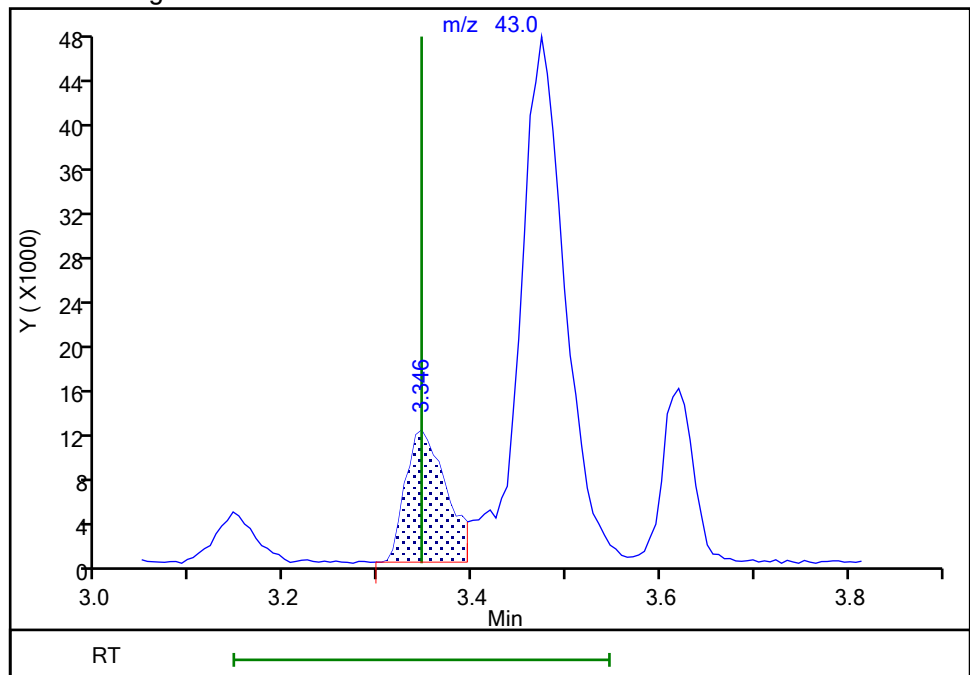
RT: 3.47
Area: 155304
Amount: 592.6229
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 35709
Amount: 421.6489
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:00:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

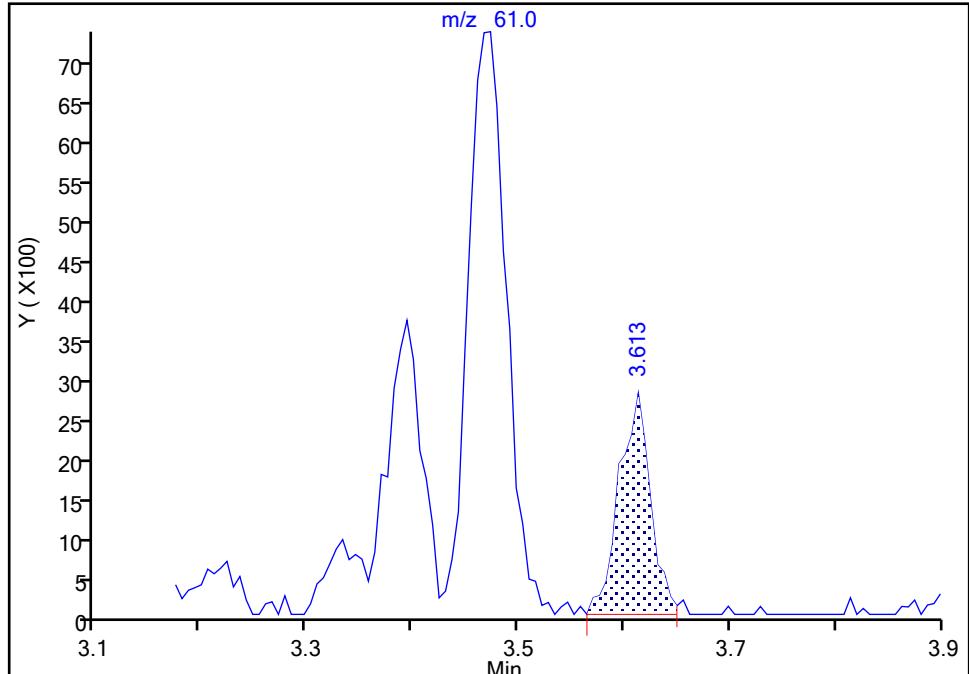
Detector: MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

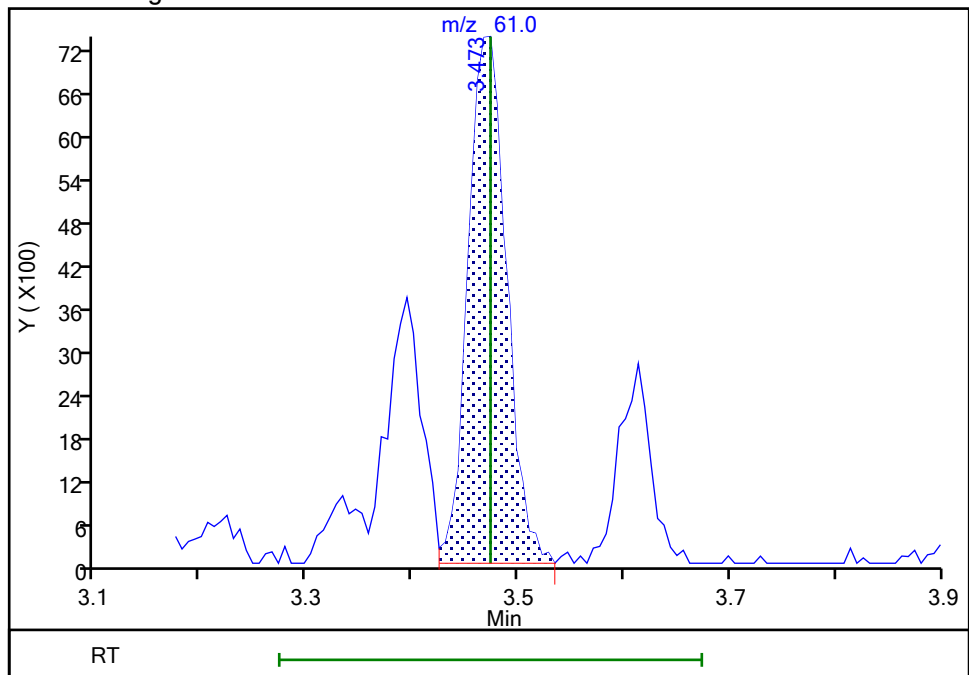
RT: 3.61
Area: 5791
Amount: 4.554977
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 18662
Amount: 20.351300
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:01:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

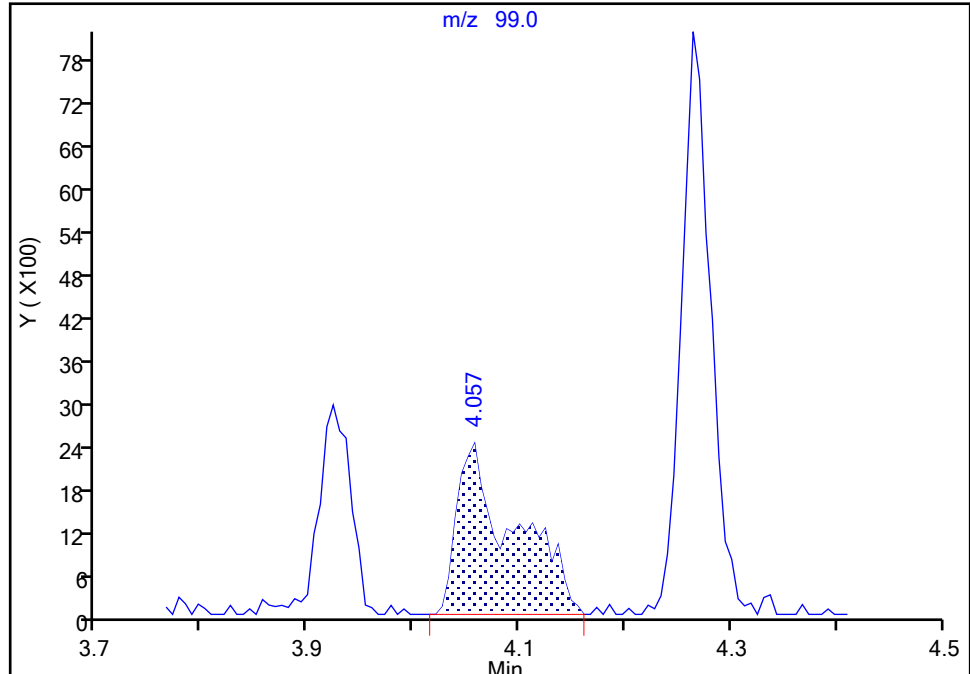
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

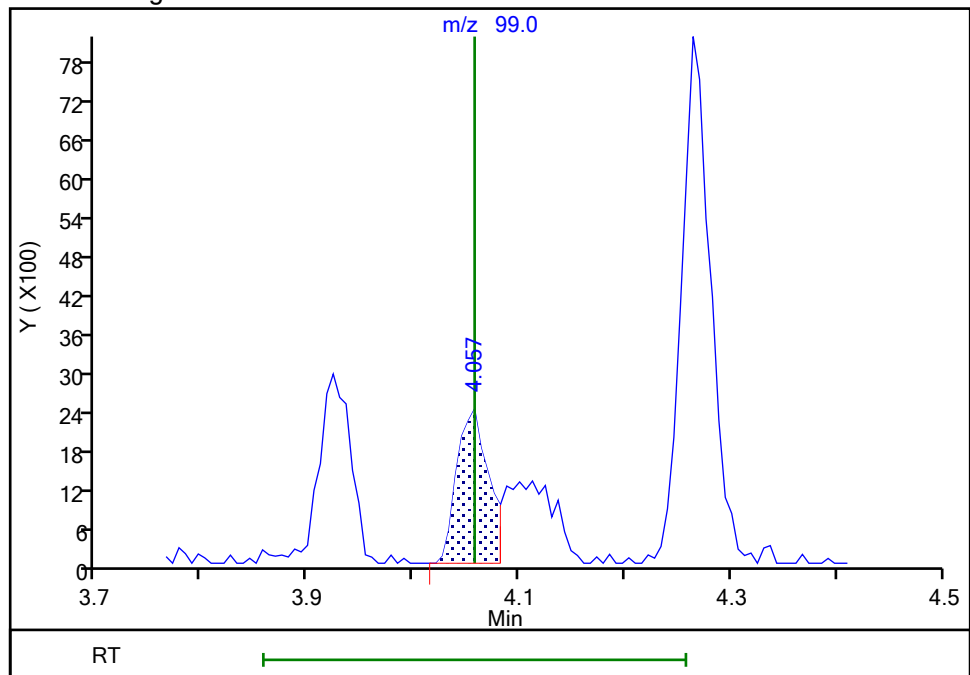
RT: 4.06
Area: 8990
Amount: 19.729381
Amount Units: ug/l

Processing Integration Results



RT: 4.06
Area: 5042
Amount: 20.163517
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 18:59:50

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57146.D

Injection Date: 25-Oct-2022 08:12:30

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)

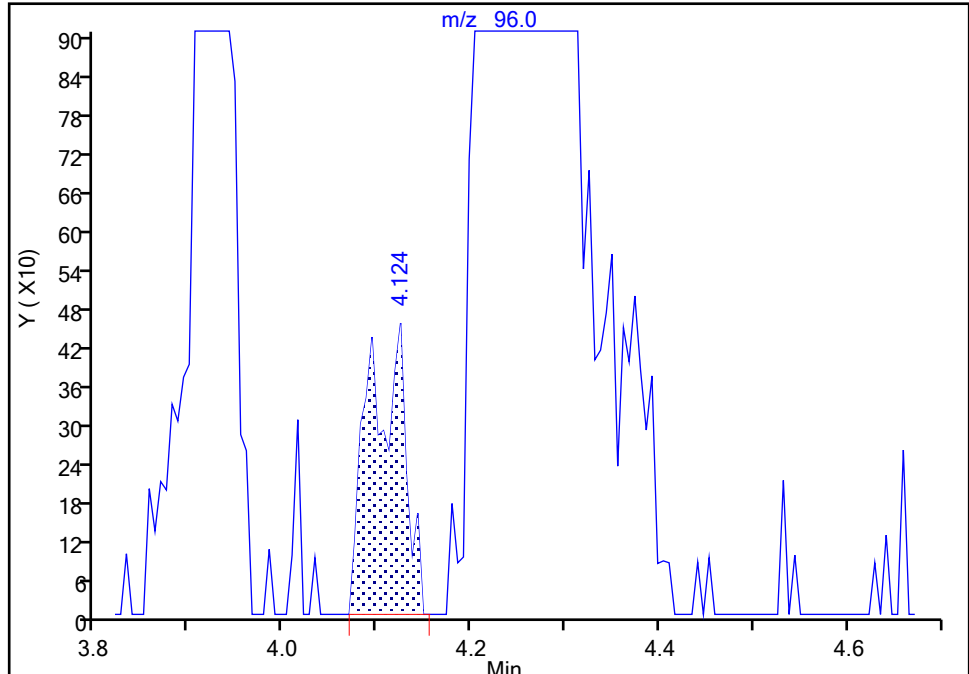
Detector: MS SCAN

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

Signal: 1

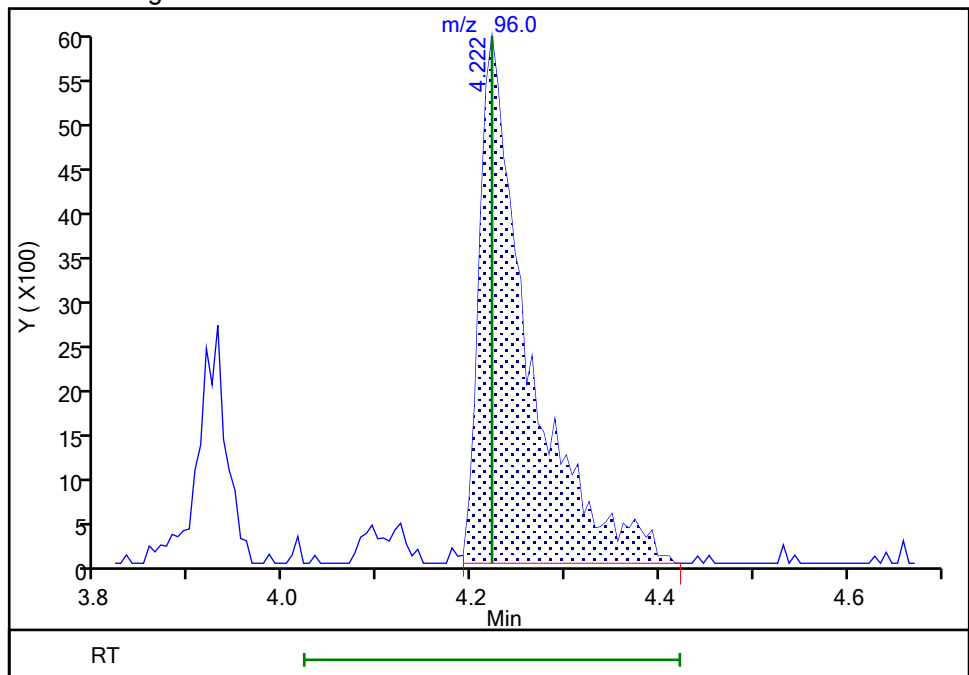
RT: 4.12
Area: 1197
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 21646
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:27:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 25-Oct-2022 08:35:30 ALS Bottle#: 23 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0152213-007
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:37:00 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 09:00:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.864	0.006	57	75156	50.0	52.0	
6 Chlorodifluoromethane	51	0.882	0.882	0.000	95	311068	50.0	51.5	
5 Dichlorodifluoromethane	85	0.894	0.888	0.006	58	195749	50.0	48.5	
7 Chloromethane	52	0.991	0.991	0.000	99	78880	50.0	47.2	
9 Butadiene	54	1.040	1.040	0.000	93	156039	50.0	53.6	
8 Vinyl chloride	62	1.046	1.046	0.000	89	157723	50.0	49.9	
10 Bromomethane	94	1.210	1.210	0.000	98	125246	50.0	50.3	
11 Chloroethane	64	1.235	1.241	-0.006	99	93625	50.0	50.5	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	99	264105	50.0	51.5	
14 Pentane	72	1.381	1.381	0.000	96	48016	100.0	108.6	
13 Trichlorofluoromethane	101	1.387	1.393	-0.006	46	222896	50.0	54.4	
16 Ethyl ether	74	1.496	1.490	0.006	94	75106	50.0	53.2	
15 Ethanol	46	1.484	1.508	-0.024	67	20807	2000.0	2441.7	
17 2-Methyl-1,3-butadiene	53	1.509	1.508	0.001	86	122293	50.0	51.4	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.521	1.527	-0.006	91	123176	50.0	49.0	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.563	-0.006	94	208318	50.0	49.6	a
20 Acrolein	56	1.569	1.563	0.006	46	38644	100.0	87.5	
22 1,1-Dichloroethene	96	1.630	1.630	0.000	98	130872	50.0	51.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.661	1.660	0.001	92	153360	50.0	52.1	
23 Acetone	58	1.655	1.660	-0.005	87	58546	250.0	247.6	
24 Iodomethane	142	1.715	1.715	0.000	97	252346	50.0	50.8	
25 Isopropyl alcohol	45	1.734	1.746	-0.012	27	56324	500.0	505.2	a
26 Carbon disulfide	76	1.752	1.752	0.000	98	485639	50.0	50.5	
27 3-Chloro-1-propene	76	1.825	1.825	0.000	93	111242	50.0	54.6	
28 Methyl acetate	74	1.837	1.843	-0.006	99	44944	100.0	98.6	
30 Acetonitrile	41	1.855	1.861	-0.006	21	71646	500.0	529.9	M
29 Cyclopentene	67	1.874	1.873	0.001	89	302727	50.0	49.5	
32 Methylene Chloride	84	1.898	1.898	0.000	91	157418	50.0	50.8	
* 31 TBA-d9 (IS)	46	1.953	1.934	0.019	69	58054	1000.0	1000.0	a
33 2-Methyl-2-propanol	59	2.007	1.983	0.024	92	118002	500.0	510.0	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	2.044	2.044	0.000	96	511406	500.0	490.8	
35 trans-1,2-Dichloroethene	96	2.062	2.062	0.000	94	144402	50.0	50.8	
34 Methyl tert-butyl ether	73	2.080	2.086	-0.006	97	395416	50.0	51.4	
37 Hexane	56	2.232	2.232	0.000	92	65334	50.0	48.9	
39 1,1-Dichloroethane	63	2.324	2.330	-0.006	99	248540	50.0	50.3	
40 Vinyl acetate	86	2.366	2.360	0.006	100	54135	100.0	97.0	
38 Isopropyl ether	45	2.391	2.391	0.000	85	411357	50.0	51.1	
41 2-Chloro-1,3-butadiene	88	2.391	2.391	0.000	77	129306	50.0	50.4	
42 Tert-butyl ethyl ether	59	2.640	2.640	0.000	90	417510	50.0	53.6	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	91	237346	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.725	2.719	0.006	97	156882	50.0	50.0	
44 2,2-Dichloropropane	79	2.737	2.725	0.012	75	67764	50.0	48.8	
46 2-Butanone (MEK)	72	2.737	2.737	0.000	96	77509	250.0	247.3	
47 Ethyl acetate	70	2.786	2.780	0.006	99	27316	100.0	91.8	
49 Propionitrile	54	2.780	2.780	0.000	88	190473	500.0	509.1	
48 Methyl acrylate	55	2.804	2.810	-0.006	100	146994	50.0	50.6	
52 Methacrylonitrile	67	2.890	2.889	0.001	92	563748	500.0	511.4	
51 Chlorobromomethane	128	2.890	2.889	0.001	91	77850	50.0	50.9	
50 Tetrahydrofuran	72	2.932	2.938	-0.006	77	35611	100.0	93.1	
53 Chloroform	83	2.956	2.956	0.000	99	238112	50.0	49.8	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	111422	50.0	51.1	
55 1,1,1-Trichloroethane	97	3.102	3.102	0.000	98	203751	50.0	51.2	
54 Cyclohexane	84	3.139	3.151	-0.012	89	198797	50.0	51.8	
58 1,1-Dichloropropene	75	3.218	3.218	0.000	98	185907	50.0	51.1	
57 Carbon tetrachloride	117	3.224	3.218	0.006	97	167617	50.0	50.5	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.333	0.001	76	115229	50.0	49.2	
59 Isobutyl alcohol	43	3.346	3.346	0.000	45	102329	1250.0	1169.4	a
61 Benzene	78	3.382	3.382	0.000	96	552848	50.0	49.9	
65 1,2-Dichloroethane	62	3.394	3.394	0.000	97	174699	50.0	48.7	
60 Isooctane	57	3.467	3.461	0.006	95	259646	50.0	51.1	
64 Isopropyl acetate	61	3.467	3.473	-0.006	97	45744	50.0	50.1	a
63 Tert-amyl methyl ether	73	3.492	3.498	-0.006	98	394983	50.0	51.3	
* 67 Fluorobenzene	96	3.613	3.613	0.000	99	465207	50.0	50.0	
66 n-Heptane	71	3.620	3.619	0.001	90	63390	50.0	57.3	
68 n-Butanol	56	3.918	3.911	0.007	42	59784	1250.0	1237.3	
69 Trichloroethene	95	3.924	3.924	0.000	98	137673	50.0	50.7	
70 Ethyl acrylate	99	4.051	4.057	-0.006	98	13875	50.0	55.7	M
71 Methylcyclohexane	83	4.100	4.100	0.000	87	182224	50.0	51.8	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	93	137599	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	40	21623	1000.0	1000.0	
76 Dibromomethane	93	4.228	4.228	0.000	97	88172	50.0	49.9	
74 Methyl methacrylate	100	4.264	4.264	0.000	87	69359	100.0	108.7	
75 1,4-Dioxane	88	4.264	4.283	-0.019	31	26335	1000.0	1039.6	
77 n-Propyl acetate	43	4.337	4.337	0.000	98	162985	50.0	50.9	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	170447	50.0	51.3	
79 2-Nitropropane	41	4.617	4.611	0.006	97	39829	100.0	88.7	
80 2-Chloroethyl vinyl ether	63	4.709	4.708	0.000	94	95559	50.1	52.9	
81 Epichlorohydrin	57	4.751	4.751	0.000	99	268479	1000.0	1035.0	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	222213	50.0	52.1	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.019	0.000	96	613367	250.0	264.1	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	425889	50.0	51.0	
85 Toluene	91	5.165	5.165	0.000	93	564214	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
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	96	192387	50.0	52.1	
87 Ethyl methacrylate	69	5.566	5.566	0.000	89	162679	50.0	53.4	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	96	101918	50.0	50.1	
89 Tetrachloroethene	166	5.749	5.749	0.000	96	128216	50.0	52.1	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	91	207069	50.0	51.4	
91 2-Hexanone	58	5.931	5.931	0.000	95	241008	250.0	267.6	
93 Chlorodibromomethane	129	6.029	6.035	-0.006	98	125150	50.0	51.0	
92 n-Butyl acetate	43	6.114	6.114	0.000	99	180520	50.0	53.1	
94 Ethylene Dibromide	107	6.138	6.138	0.000	98	129905	50.0	51.5	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	350537	50.0	50.0	
96 Chlorobenzene	112	6.734	6.734	0.000	96	372218	50.0	50.4	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	97	128632	50.0	50.9	
97 Ethylbenzene	106	6.893	6.892	0.000	98	192953	50.0	51.6	
99 m-Xylene & p-Xylene	106	7.045	7.044	0.001	98	240842	50.0	51.7	
100 o-Xylene	106	7.531	7.525	0.006	94	248595	50.0	53.9	
102 Styrene	104	7.550	7.549	0.001	96	403051	50.0	54.7	
101 n-Butyl acrylate	73	7.586	7.586	0.000	98	107593	50.0	55.6	
104 Bromoform	173	7.744	7.744	0.000	96	79362	50.0	49.8	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	91	215823	50.0	52.9	
105 Isopropylbenzene	105	8.018	8.024	-0.006	96	583365	50.0	54.1	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	89	135226	50.0	50.9	
107 Bromobenzene	156	8.346	8.346	0.000	98	157317	50.0	49.1	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	99	175088	50.0	50.7	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	98	45845	50.0	47.0	
111 trans-1,4-Dichloro-2-butene	53	8.517	8.517	0.000	93	43591	50.0	51.3	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	671057	50.0	52.8	
112 2-Chlorotoluene	91	8.626	8.626	0.000	97	425456	50.0	50.6	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	564310	50.0	52.5	
115 4-Chlorotoluene	91	8.778	8.778	0.000	98	498566	50.0	51.8	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	92	484922	50.0	52.5	
116 Butyl Methacrylate	87	9.034	9.034	0.000	88	181900	50.0	55.4	
117 tert-Butylbenzene	119	9.229	9.228	0.001	94	377706	50.0	53.7	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	519205	50.0	53.4	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	530095	50.0	53.7	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	96	292334	50.0	50.8	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	94	205906	50.0	50.0	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	461430	50.0	52.5	
123 1,4-Dichlorobenzene	146	9.679	9.679	0.000	94	301885	50.0	48.9	
124 1,2,3-Trimethylbenzene	105	9.764	9.758	0.006	98	546870	50.0	51.8	
125 Benzyl chloride	126	9.843	9.849	-0.006	98	57708	50.0	51.8	
126 2,3-Dihydroindene	117	9.946	9.946	0.000	95	547053	50.0	52.2	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	96	282852	50.0	50.9	
127 p-Diethylbenzene	119	10.092	10.092	0.000	92	275967	50.0	56.5	
128 n-Butylbenzene	92	10.111	10.111	0.000	97	222492	50.0	53.0	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	95	26188	50.0	51.5	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	97	428075	50.0	55.3	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	159400	50.0	49.4	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	121459	50.0	50.7	
134 Hexachlorobutadiene	225	11.656	11.662	-0.006	95	46567	50.0	49.4	
135 Naphthalene	128	11.686	11.686	0.000	99	276474	50.0	54.6	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	95	72694	50.0	53.5	
S 137 1,2-Dichloroethene, Total	100				0		100.0	100.7	

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		100.0	105.6	
S 139 Total BTEX	1				0		250.0	257.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 50.00	Units: uL	
ACROLEIN W_00145	Amount Added: 10.00	Units: uL	
GASES Li_00499	Amount Added: 50.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

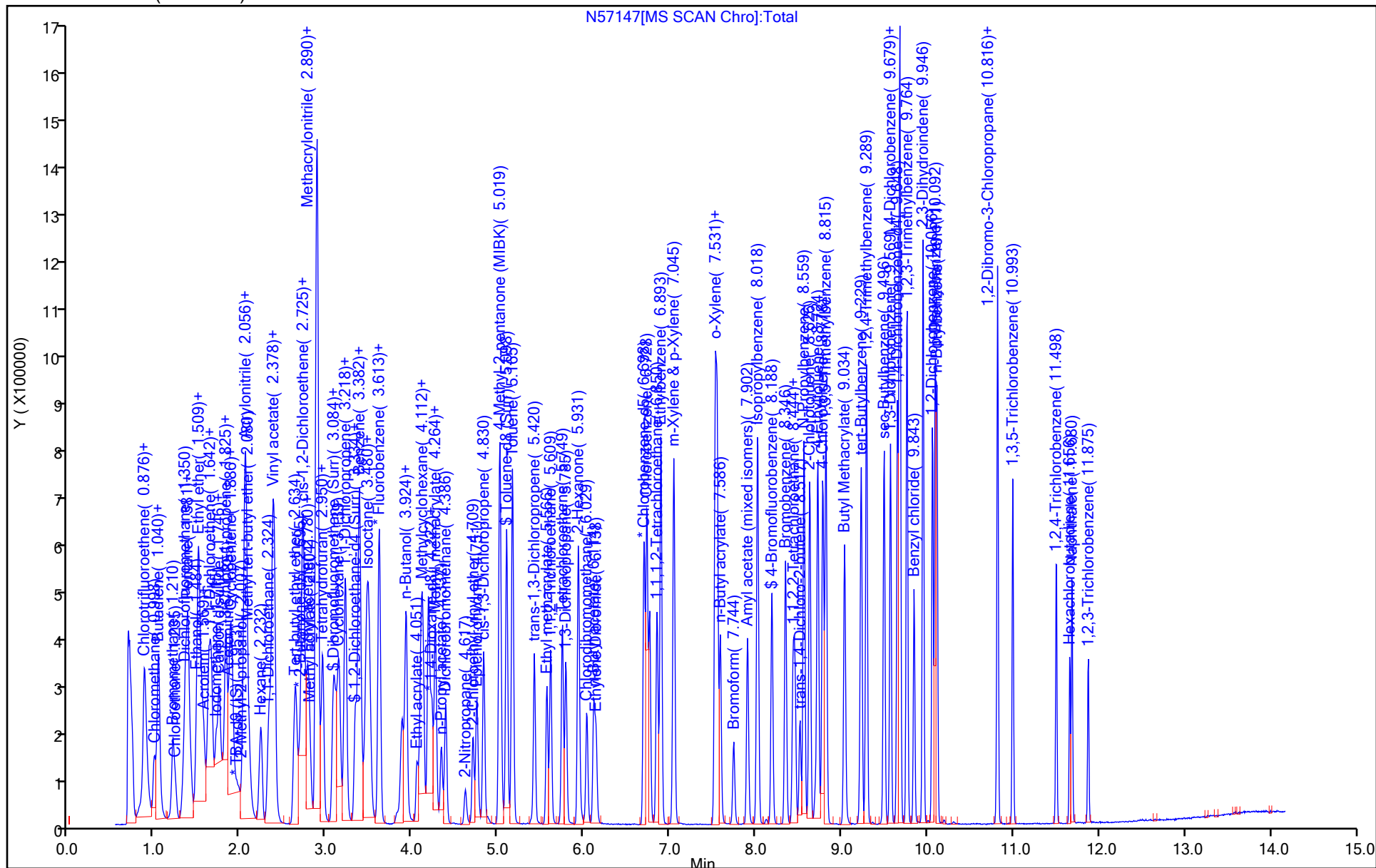
Operator ID:

Worklist Smp#: 7

ALS Bottle#: 23

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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

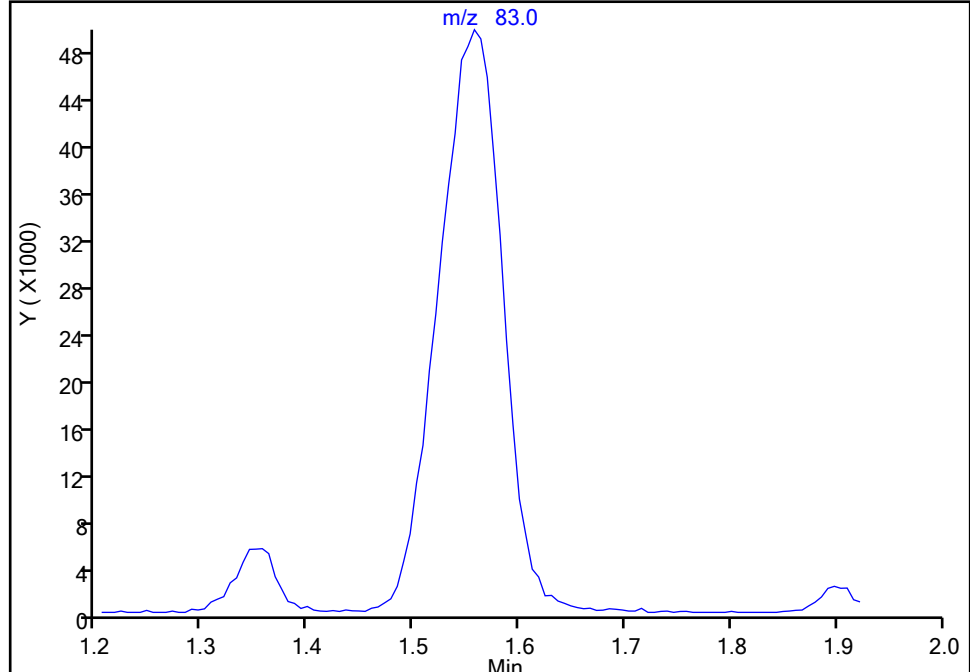
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

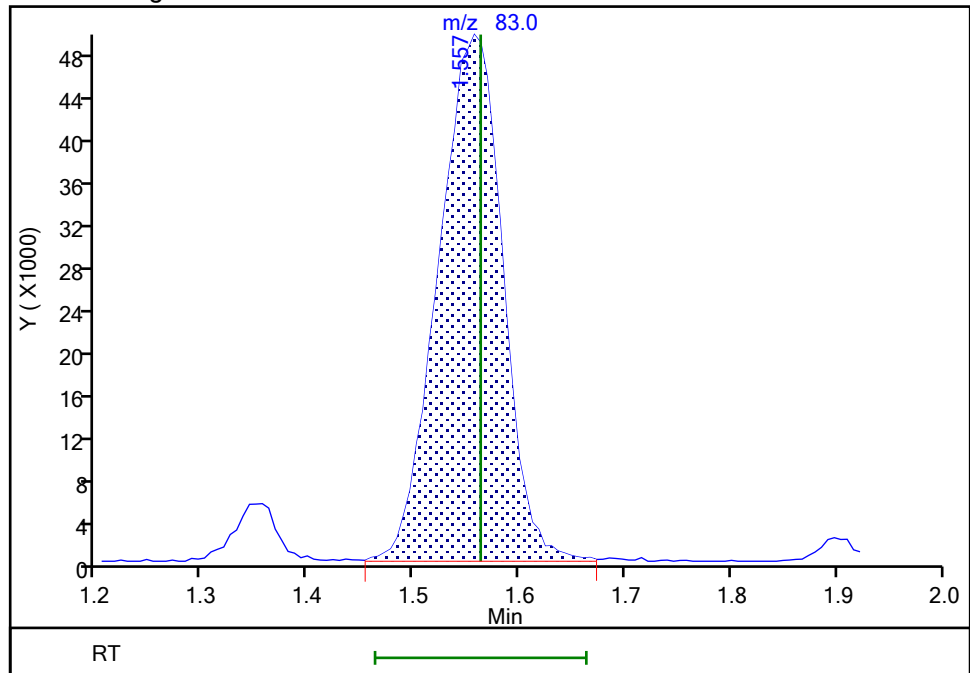
Expected RT: 1.56

Processing Integration Results



RT: 1.56
Area: 208318
Amount: 49.580035
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:59:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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

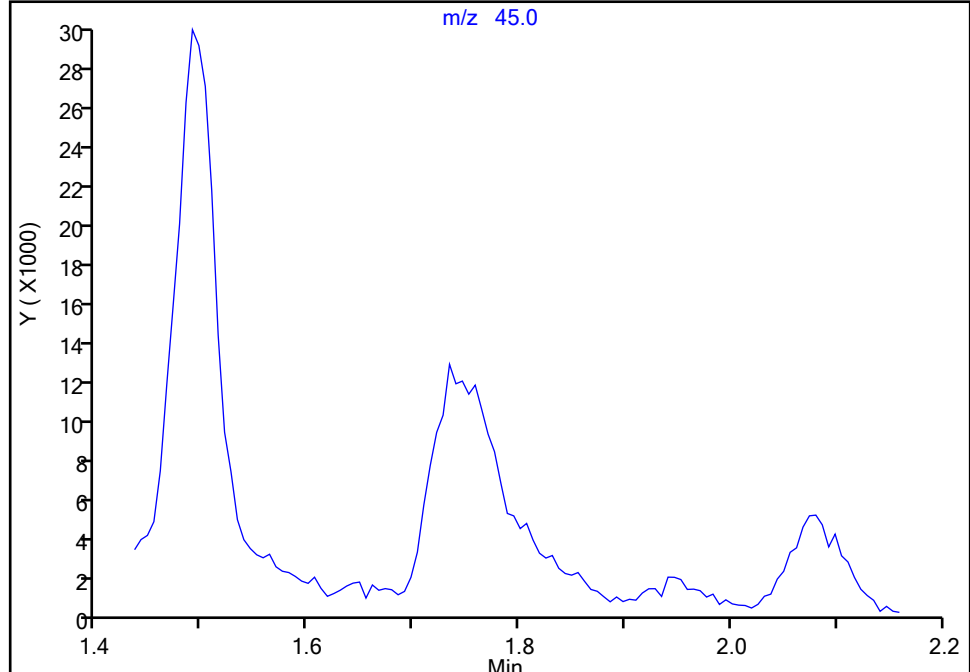
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

Expected RT: 1.75

Processing Integration Results



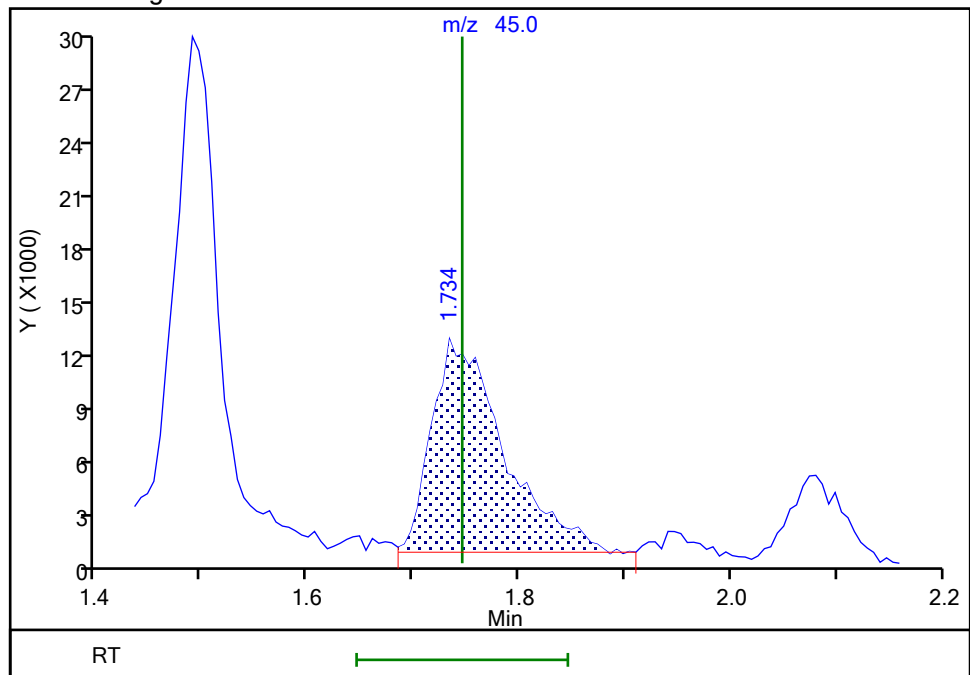
RT: 1.73

Area: 56324

Amount: 505.2254

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:59:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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)

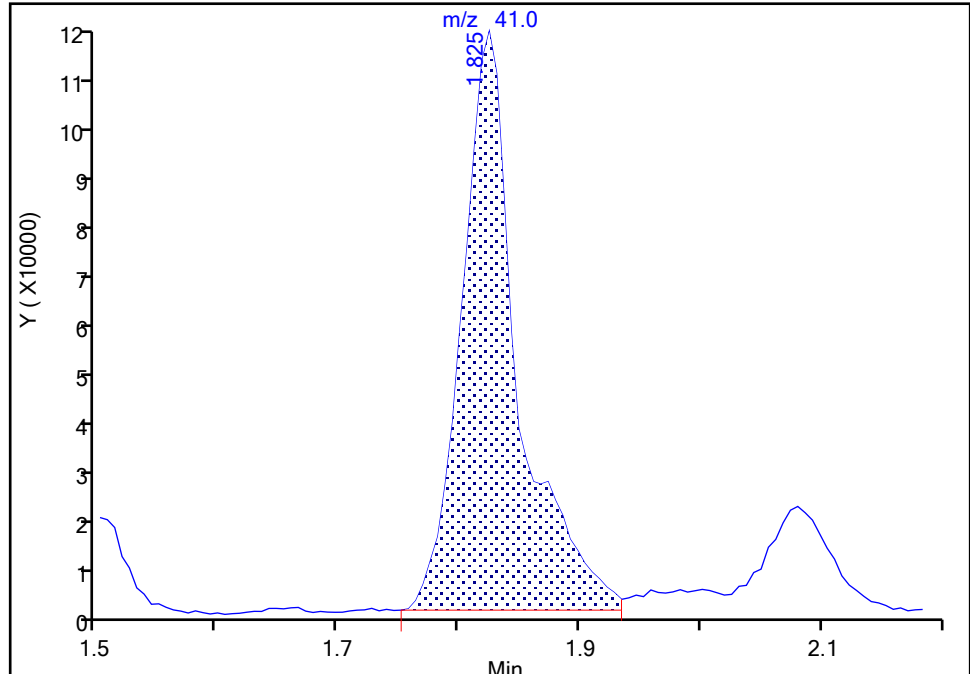
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

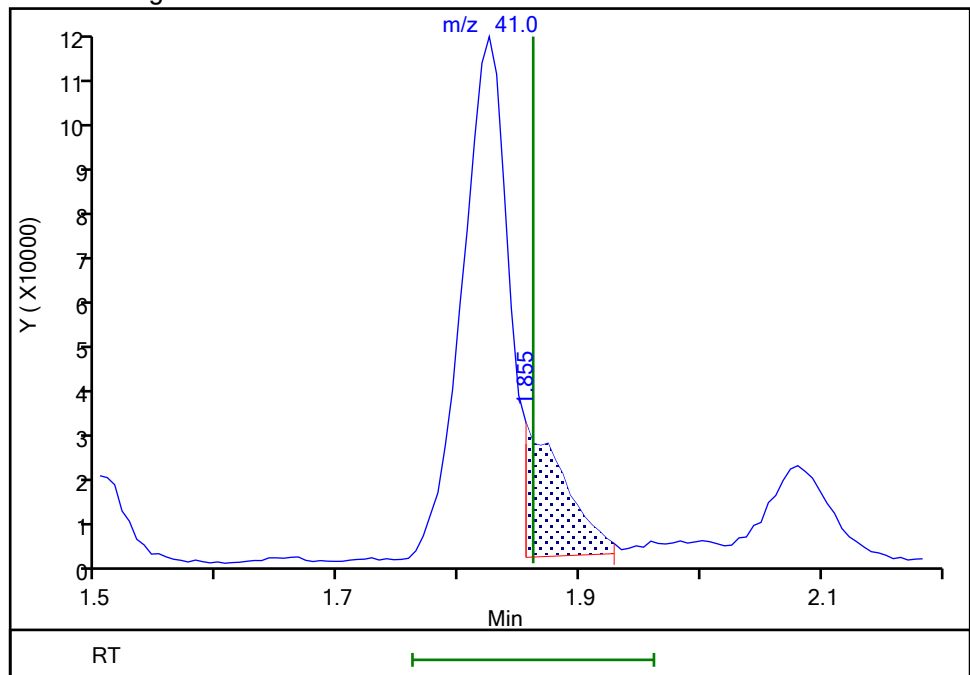
RT: 1.82
Area: 381143
Amount: 500.4732
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 71646
Amount: 529.8684
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:00:05

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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

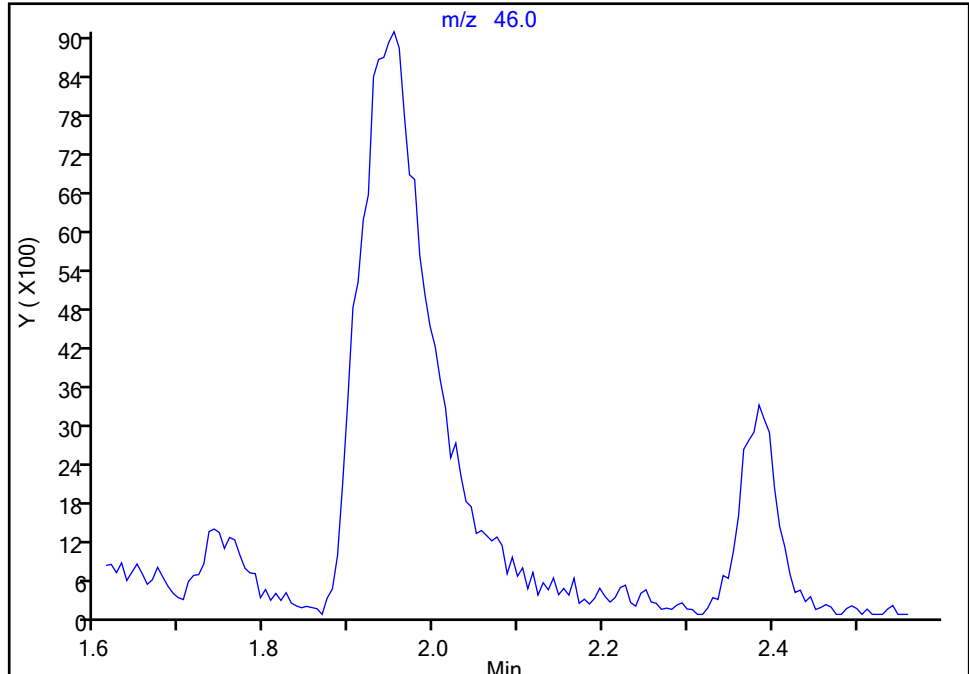
* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

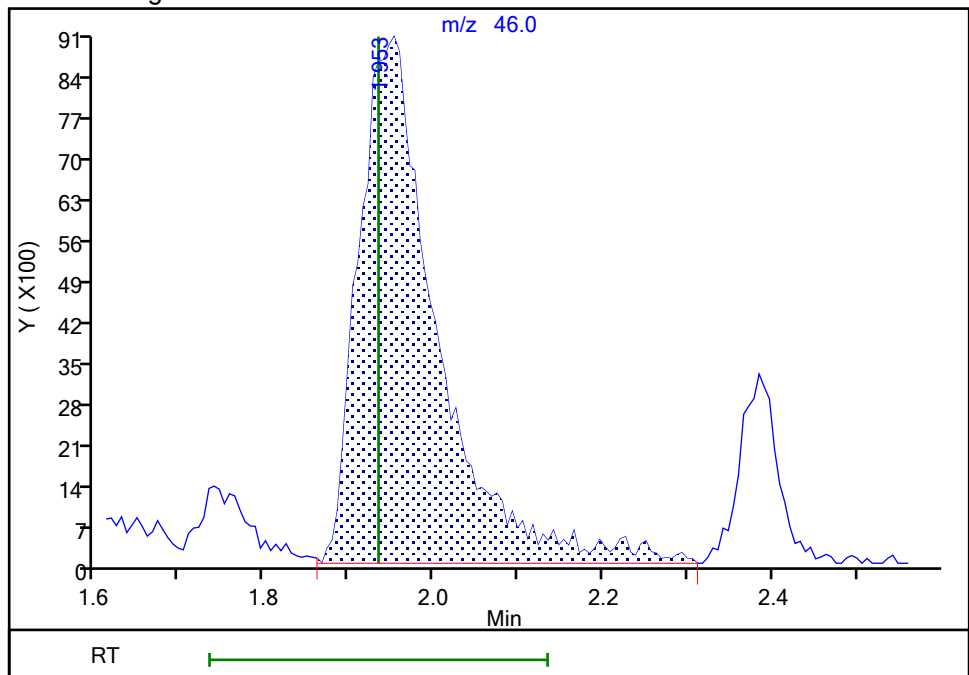
Not Detected

Expected RT: 1.93

Processing Integration Results

RT: 1.95
Area: 58054
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 08:59:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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

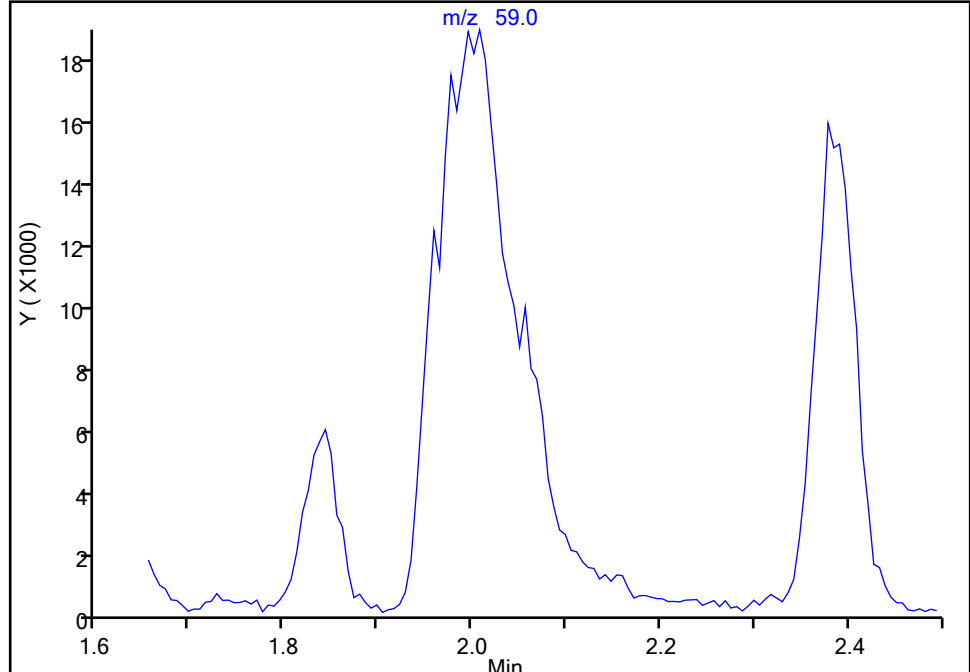
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

Expected RT: 1.98

Processing Integration Results



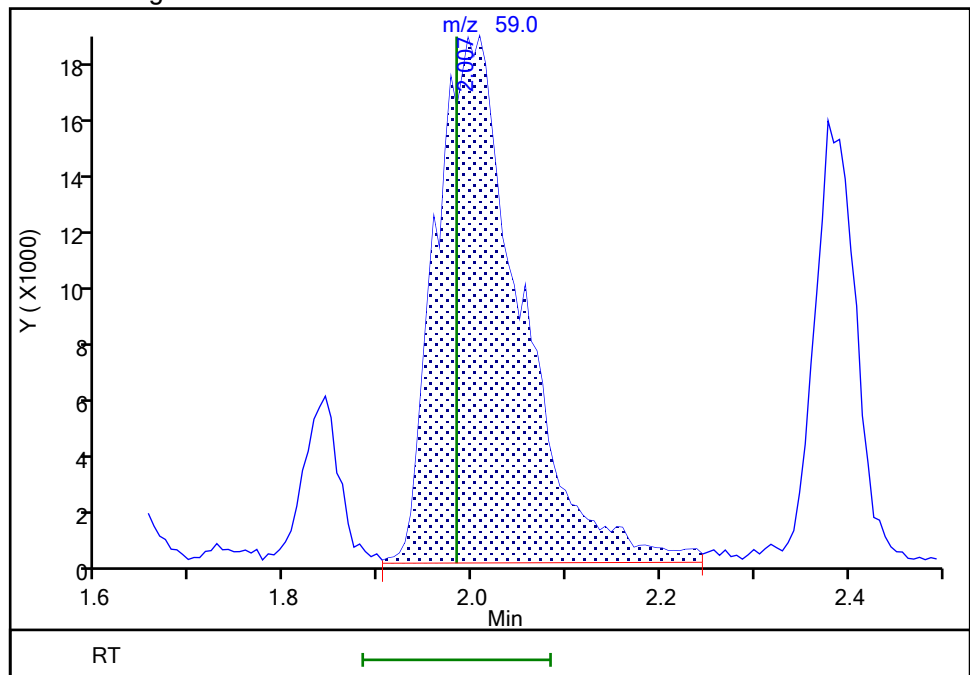
RT: 2.01

Area: 118002

Amount: 509.9929

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:00:12

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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

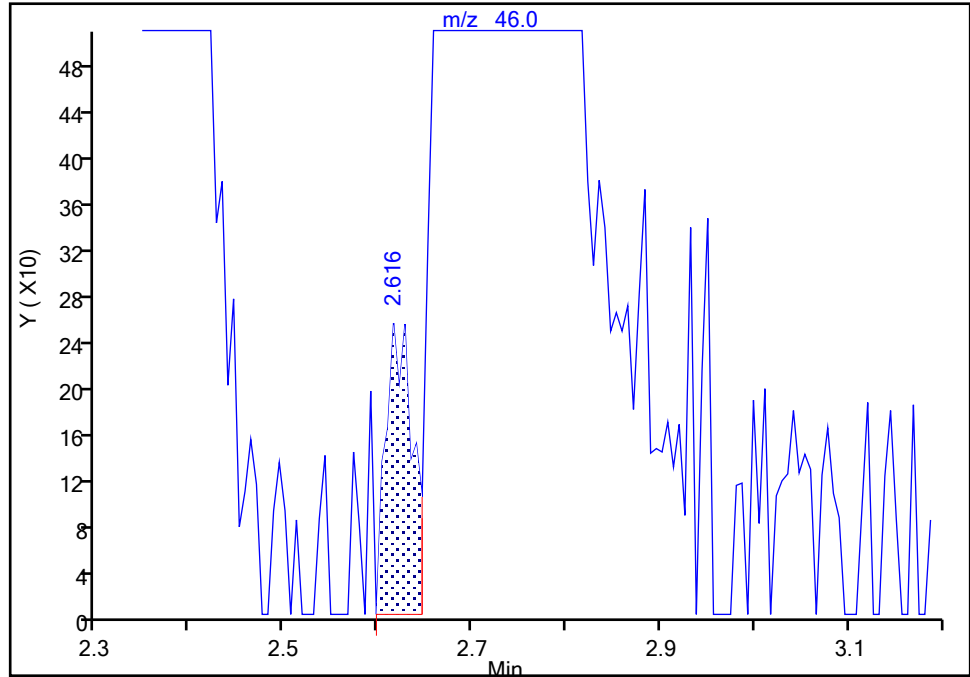
MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

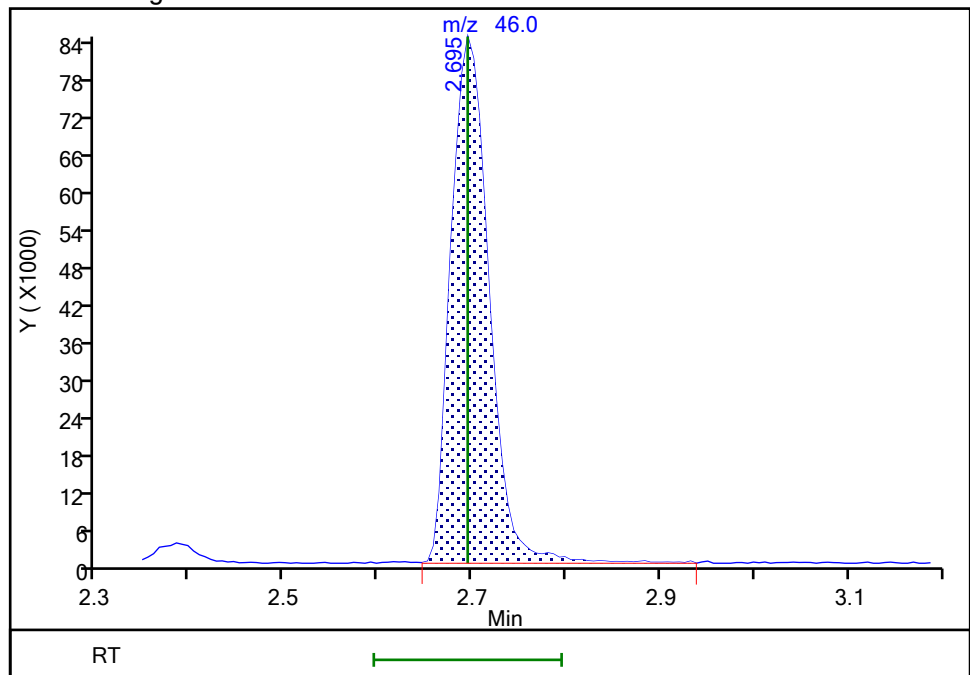
RT: 2.62
Area: 503
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 237346
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:19:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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)

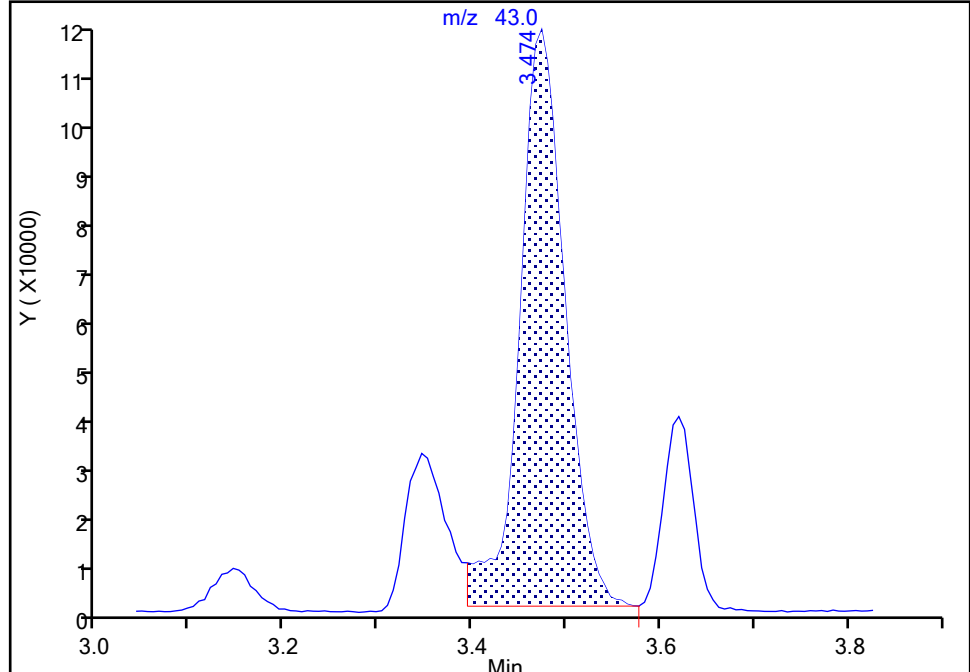
Detector: MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

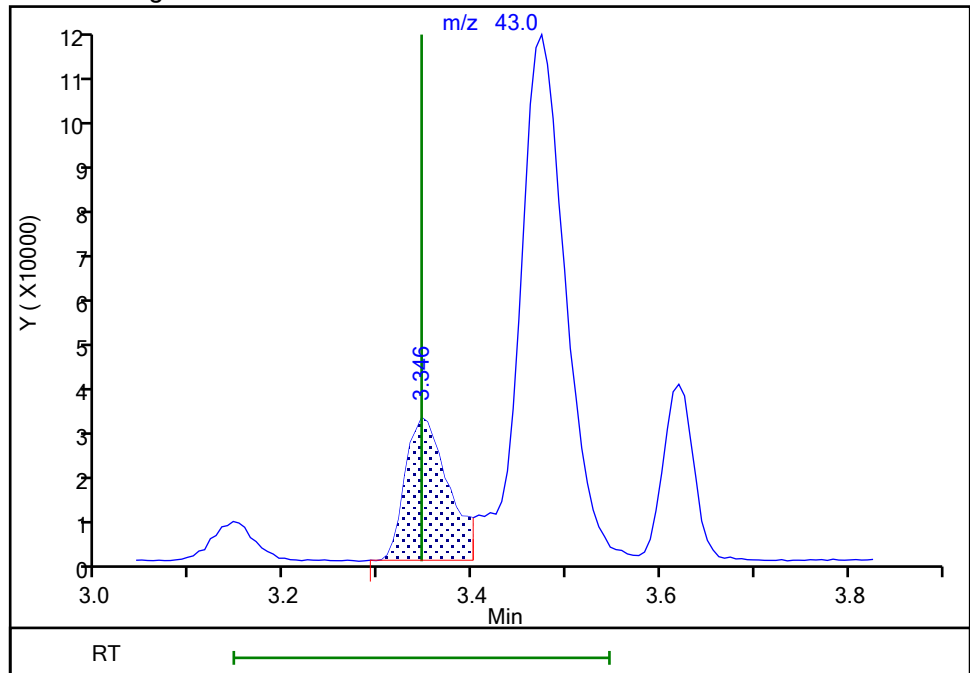
RT: 3.47
Area: 395830
Amount: 1201.3962
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 102329
Amount: 1169.4132
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:00:40

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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)

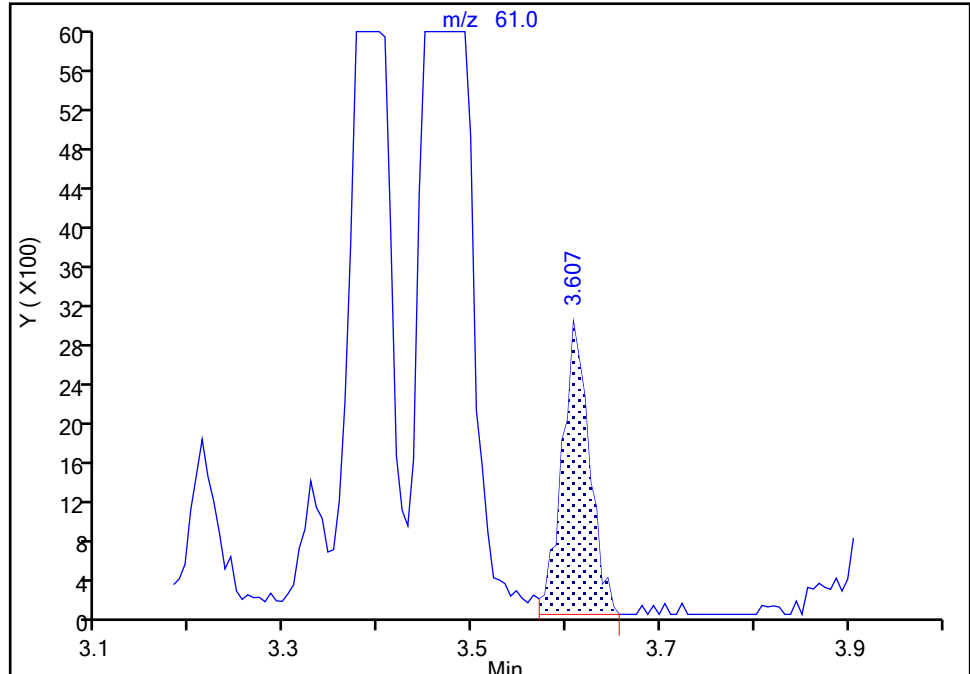
Detector: MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

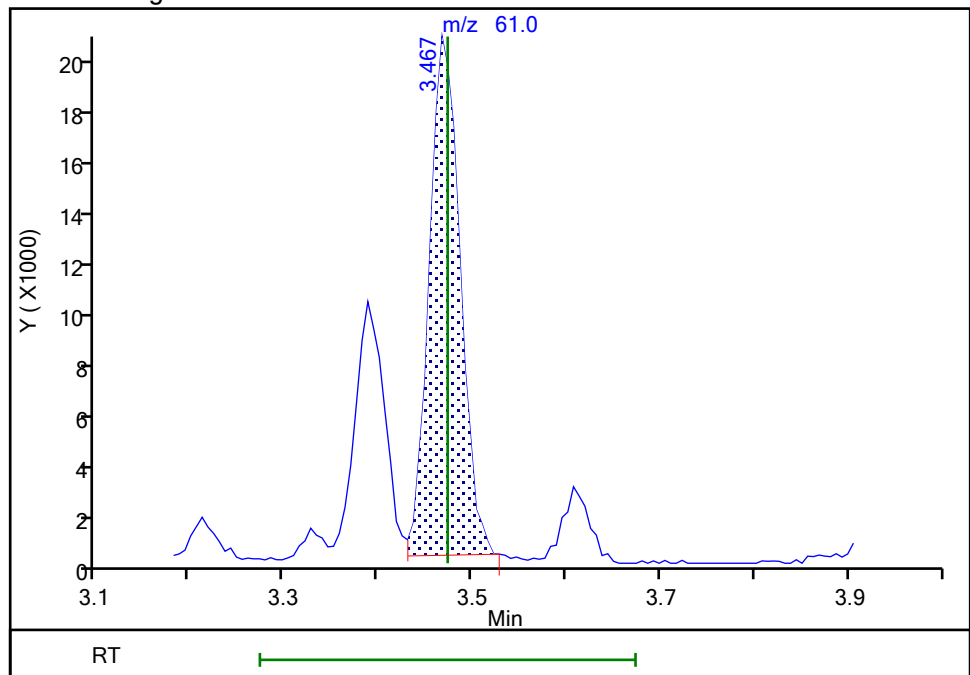
RT: 3.61
Area: 5981
Amount: 8.407343
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 45744
Amount: 50.084559
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:02:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57147.D

Injection Date: 25-Oct-2022 08:35:30

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)

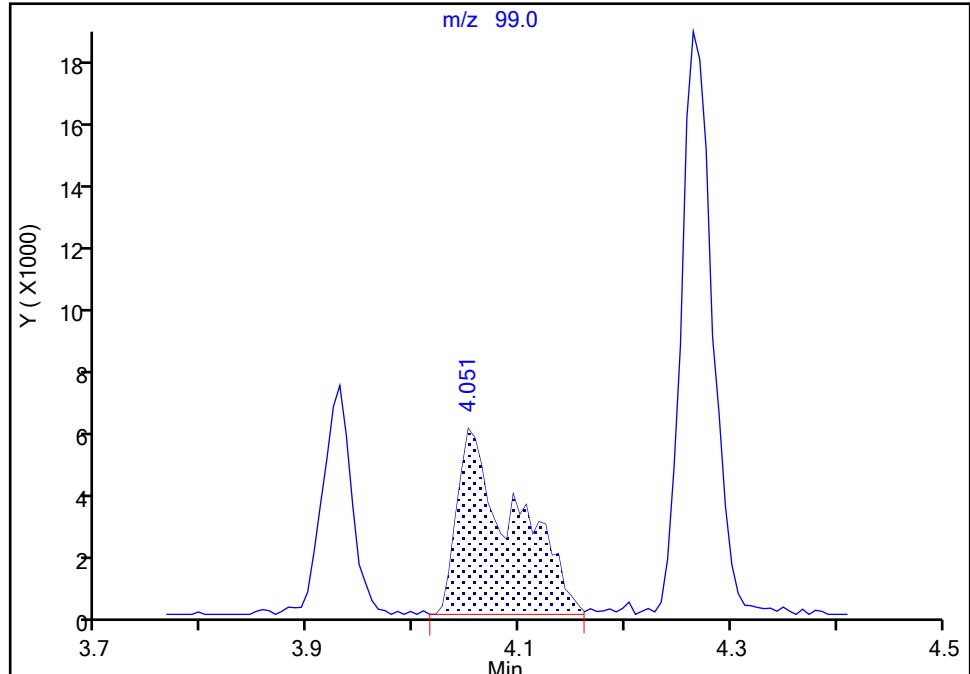
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

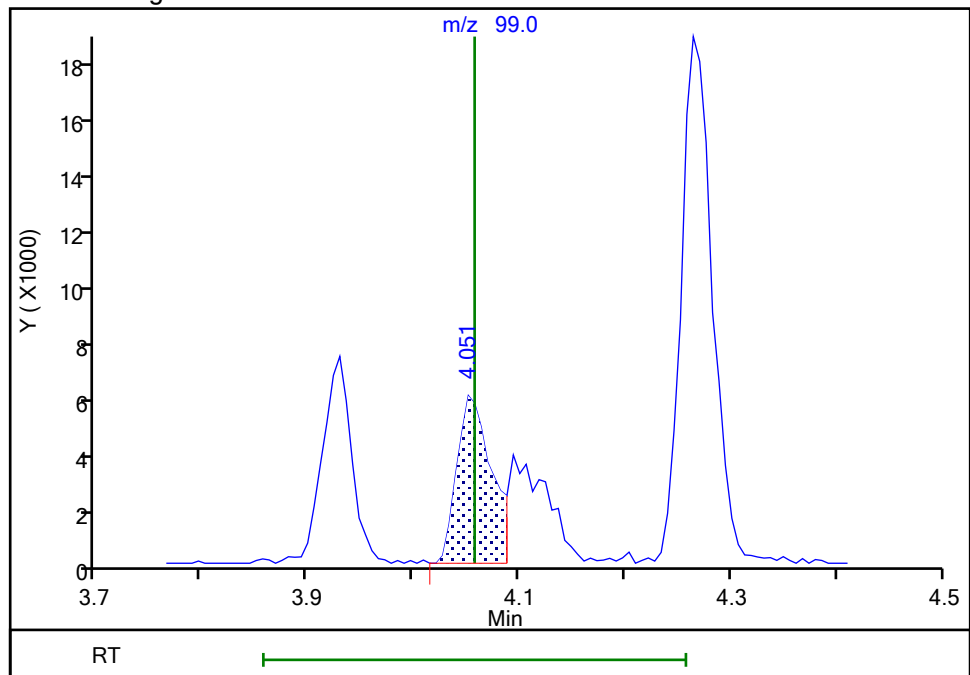
RT: 4.05
Area: 22973
Amount: 51.464324
Amount Units: ug/l

Processing Integration Results



RT: 4.05
Area: 13875
Amount: 55.658600
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:01:02

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 25-Oct-2022 08:58:30 ALS Bottle#: 24 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0152213-008
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:37:06 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 09:16:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.864	0.006	57	294737	200.0	186.5	
6 Chlorodifluoromethane	51	0.882	0.882	0.000	96	1263276	200.0	191.3	
5 Dichlorodifluoromethane	85	0.882	0.888	-0.006	95	1001292	200.0	227.0	
7 Chloromethane	52	0.991	0.991	0.000	99	355476	200.0	194.0	
9 Butadiene	54	1.040	1.040	0.000	93	689228	200.0	216.6	
8 Vinyl chloride	62	1.046	1.046	0.000	98	716765	200.0	207.3	
10 Bromomethane	94	1.204	1.210	-0.006	99	520144	200.0	191.2	
11 Chloroethane	64	1.235	1.241	-0.006	99	384670	200.0	189.8	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	99	1058429	200.0	188.7	
14 Pentane	72	1.381	1.381	0.000	95	165786	400.0	344.4	
13 Trichlorofluoromethane	101	1.387	1.393	-0.006	66	894595	200.0	199.6	
16 Ethyl ether	74	1.490	1.490	0.000	93	286486	200.0	185.6	
15 Ethanol	46	1.472	1.508	-0.036	68	76281	8000.0	8218.0	a
17 2-Methyl-1,3-butadiene	53	1.502	1.508	-0.006	89	452531	200.0	173.9	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.521	1.527	-0.006	92	538279	200.0	195.9	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.563	-0.006	94	843226	200.0	183.6	a
20 Acrolein	56	1.563	1.563	0.000	35	89549	200.0	186.2	
22 1,1-Dichloroethene	96	1.624	1.630	-0.006	98	511696	200.0	183.3	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.655	1.660	-0.005	94	581527	200.0	180.6	
23 Acetone	58	1.655	1.660	-0.005	87	230446	1000.0	889.8	
24 Iodomethane	142	1.709	1.715	-0.006	97	979189	200.0	180.3	
25 Isopropyl alcohol	45	1.740	1.746	-0.006	72	254361	2000.0	2094.6	a
26 Carbon disulfide	76	1.752	1.752	0.000	98	1876503	200.0	178.6	
27 3-Chloro-1-propene	76	1.819	1.825	-0.006	93	425278	200.0	191.0	
28 Methyl acetate	74	1.837	1.843	-0.006	99	178689	400.0	359.8	
30 Acetonitrile	41	1.861	1.861	0.000	22	309851	2000.0	2103.8	M
29 Cyclopentene	67	1.874	1.873	0.001	91	1335996	200.0	199.9	
32 Methylene Chloride	84	1.898	1.898	0.000	90	609340	200.0	180.1	
* 31 TBA-d9 (IS)	46	1.965	1.934	0.031	69	63236	1000.0	1000.0	a
33 2-Methyl-2-propanol	59	2.001	1.983	0.018	98	493435	2000.0	1957.8	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	2.044	2.044	0.000	95	2030245	2000.0	1788.9	
35 trans-1,2-Dichloroethene	96	2.062	2.062	0.000	94	561066	200.0	180.5	
34 Methyl tert-butyl ether	73	2.080	2.086	-0.006	96	1589713	200.0	189.0	
37 Hexane	56	2.226	2.232	-0.006	92	245628	200.0	168.1	
39 1,1-Dichloroethane	63	2.324	2.330	-0.006	99	983769	200.0	182.3	
40 Vinyl acetate	86	2.360	2.360	0.000	100	241418	400.0	394.9	
38 Isopropyl ether	45	2.385	2.391	-0.006	91	1670483	200.0	189.9	
41 2-Chloro-1,3-butadiene	88	2.385	2.391	-0.006	90	533160	200.0	190.3	
42 Tert-butyl ethyl ether	59	2.640	2.640	0.000	89	1678331	200.0	197.1	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	86	259995	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	98	619362	200.0	180.5	
44 2,2-Dichloropropane	79	2.737	2.725	0.012	87	266990	200.0	175.8	
46 2-Butanone (MEK)	72	2.737	2.737	0.000	93	308149	1000.0	897.6	
47 Ethyl acetate	70	2.780	2.780	0.000	99	110839	400.0	339.9	
49 Propionitrile	54	2.780	2.780	0.000	96	771667	2000.0	1893.6	
48 Methyl acrylate	55	2.804	2.810	-0.006	100	610066	200.0	192.2	
52 Methacrylonitrile	67	2.890	2.889	0.001	93	2333069	2000.0	1936.0	
51 Chlorobromomethane	128	2.896	2.889	0.007	85	306605	200.0	183.5	
50 Tetrahydrofuran	72	2.938	2.938	0.000	88	145799	400.0	348.1	
53 Chloroform	83	2.956	2.956	0.000	100	960454	200.0	183.6	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	112548	50.0	47.2	
55 1,1,1-Trichloroethane	97	3.096	3.102	-0.006	98	827464	200.0	190.2	
54 Cyclohexane	84	3.145	3.151	-0.006	90	773030	200.0	184.1	
58 1,1-Dichloropropene	75	3.218	3.218	0.000	98	738236	200.0	185.7	
57 Carbon tetrachloride	117	3.224	3.218	0.006	97	685904	200.0	188.9	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.333	0.001	75	122310	50.0	47.8	
59 Isobutyl alcohol	43	3.346	3.346	0.000	95	447943	5000.0	4699.6	a
61 Benzene	78	3.376	3.382	-0.006	95	2201280	200.0	174.2	
65 1,2-Dichloroethane	62	3.394	3.394	0.000	97	707865	200.0	180.7	
60 Isooctane	57	3.467	3.461	0.006	96	1075358	200.0	193.7	
64 Isopropyl acetate	61	3.467	3.473	-0.006	97	205977	200.0	206.3	a
63 Tert-amyl methyl ether	73	3.498	3.498	0.000	96	1636532	200.0	194.6	
* 67 Fluorobenzene	96	3.613	3.613	0.000	99	508547	50.0	50.0	
66 n-Heptane	71	3.620	3.619	0.001	91	228207	200.0	195.9	
68 n-Butanol	56	3.912	3.911	0.001	87	278965	5000.0	5300.6	
69 Trichloroethene	95	3.924	3.924	0.000	99	550515	200.0	185.5	
70 Ethyl acrylate	99	4.051	4.057	-0.006	98	54141	200.0	197.9	M
71 Methylcyclohexane	83	4.100	4.100	0.000	93	715591	200.0	186.0	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	93	567928	200.0	188.9	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	40	25911	1000.0	1000.0	a
76 Dibromomethane	93	4.228	4.228	0.000	97	358330	200.0	185.6	
74 Methyl methacrylate	100	4.271	4.264	0.006	87	293701	400.0	421.1	
75 1,4-Dioxane	88	4.271	4.283	-0.013	30	102903	4000.0	3389.8	
77 n-Propyl acetate	43	4.337	4.337	0.000	98	697478	200.0	199.1	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	723219	200.0	199.1	
79 2-Nitropropane	41	4.617	4.611	0.006	98	199913	400.0	408.9	
80 2-Chloroethyl vinyl ether	63	4.709	4.708	0.001	93	408488	200.5	207.0	
81 Epichlorohydrin	57	4.751	4.751	0.000	99	1136688	4000.0	4000.2	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	941044	200.0	193.3	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.019	0.000	95	2605701	1000.0	1024.4	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	445842	50.0	46.8	
85 Toluene	91	5.165	5.165	0.000	94	2289467	200.0	179.7	

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	5.420	5.420	0.000	95	845482	200.0	200.7	
87 Ethyl methacrylate	69	5.566	5.566	0.000	88	715827	200.0	214.8	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	96	426567	200.0	183.8	
89 Tetrachloroethene	166	5.749	5.749	0.000	97	514968	200.0	183.4	
90 1,3-Dichloropropane	76	5.791	5.785	0.006	92	853032	200.0	185.6	
91 2-Hexanone	58	5.931	5.931	0.000	95	1033544	1000.0	1047.6	
93 Chlorodibromomethane	129	6.035	6.035	0.000	98	556692	200.0	198.9	
92 n-Butyl acetate	43	6.114	6.114	0.000	99	798802	200.0	205.8	
94 Ethylene Dibromide	107	6.138	6.138	0.000	98	538422	200.0	186.9	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	84	399976	50.0	50.0	
96 Chlorobenzene	112	6.734	6.734	0.000	95	1547121	200.0	183.5	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	96	554423	200.0	192.4	
97 Ethylbenzene	106	6.899	6.892	0.007	98	792482	200.0	185.6	
99 m-Xylene & p-Xylene	106	7.045	7.044	0.001	98	988935	200.0	185.9	
100 o-Xylene	106	7.531	7.525	0.006	94	1044233	200.0	198.6	
102 Styrene	104	7.556	7.549	0.007	94	1704590	200.0	202.7	
101 n-Butyl acrylate	73	7.586	7.586	0.000	97	480409	200.0	217.6	
104 Bromoform	173	7.744	7.744	0.000	96	366901	200.0	206.6	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	91	988851	200.0	217.7	
105 Isopropylbenzene	105	8.024	8.024	0.000	96	2411300	200.0	196.0	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	88	145880	50.0	48.1	
107 Bromobenzene	156	8.346	8.346	0.000	99	663468	200.0	186.0	
108 1,1,2,2-Tetrachloroethane	83	8.438	8.432	0.006	99	732971	200.0	190.5	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	99	198494	200.0	182.6	
111 trans-1,4-Dichloro-2-butene	53	8.517	8.517	0.000	93	196158	200.0	207.1	
109 N-Propylbenzene	91	8.566	8.559	0.007	99	2748703	200.0	194.3	
112 2-Chlorotoluene	91	8.632	8.626	0.006	97	1767092	200.0	188.7	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	2356061	200.0	196.7	
115 4-Chlorotoluene	91	8.785	8.778	0.006	97	2057508	200.0	191.8	
114 1,3,5-Trimethylbenzene	105	8.821	8.815	0.006	93	2019205	200.0	196.3	
116 Butyl Methacrylate	87	9.034	9.034	0.000	88	836782	200.0	228.8	
117 tert-Butylbenzene	119	9.229	9.228	0.001	94	1557346	200.0	198.7	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	2137572	200.0	197.2	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	2195418	200.0	199.7	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	96	1200132	200.0	187.1	
* 122 1,4-Dichlorobenzene-d4	152	9.654	9.648	0.006	96	229357	50.0	50.0	
121 4-Isopropyltoluene	119	9.685	9.679	0.006	98	1906437	200.0	194.6	
123 1,4-Dichlorobenzene	146	9.679	9.679	0.000	94	1253732	200.0	182.2	
124 1,2,3-Trimethylbenzene	105	9.764	9.758	0.006	98	2307495	200.0	196.1	
125 Benzyl chloride	126	9.849	9.849	0.000	99	281003	200.0	226.6	
126 2,3-Dihydroindene	117	9.953	9.946	0.007	94	2300357	200.0	197.2	
129 1,2-Dichlorobenzene	146	10.062	10.056	0.006	96	1158492	200.0	187.0	
127 p-Diethylbenzene	119	10.092	10.092	0.000	92	981317	200.0	180.5	
128 n-Butylbenzene	92	10.111	10.111	0.000	97	901540	200.0	192.9	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	97	118103	200.0	208.5	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	97	1830027	200.0	212.2	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	642540	200.0	178.8	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	483775	200.0	181.3	
134 Hexachlorobutadiene	225	11.662	11.662	0.000	95	181542	200.0	186.4	
135 Naphthalene	128	11.686	11.686	0.000	99	1109948	200.0	196.7	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	96	282250	200.0	198.6	
S 137 1,2-Dichloroethene, Total	100				0		400.0	360.9	

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		400.0	384.4	
S 139 Total BTEX	1				0		1000.0	923.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 20.00	Units: uL	
Ethanol mix_00069	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00128	Amount Added: 20.00	Units: uL	
MIX I Hi_00155	Amount Added: 20.00	Units: uL	
8FreonHi_00050	Amount Added: 20.00	Units: uL	
GAS Hi_00427	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

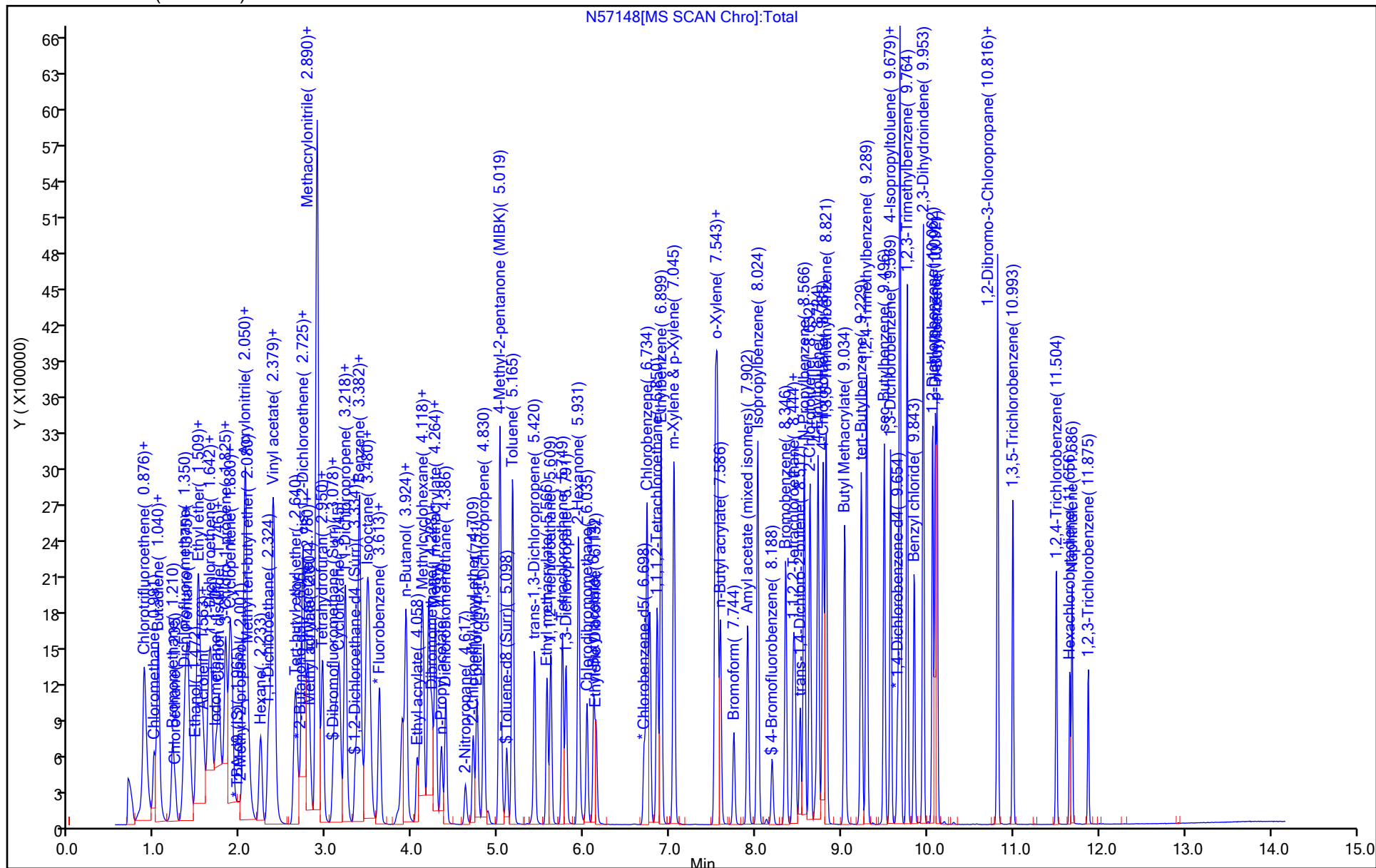
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260W 11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

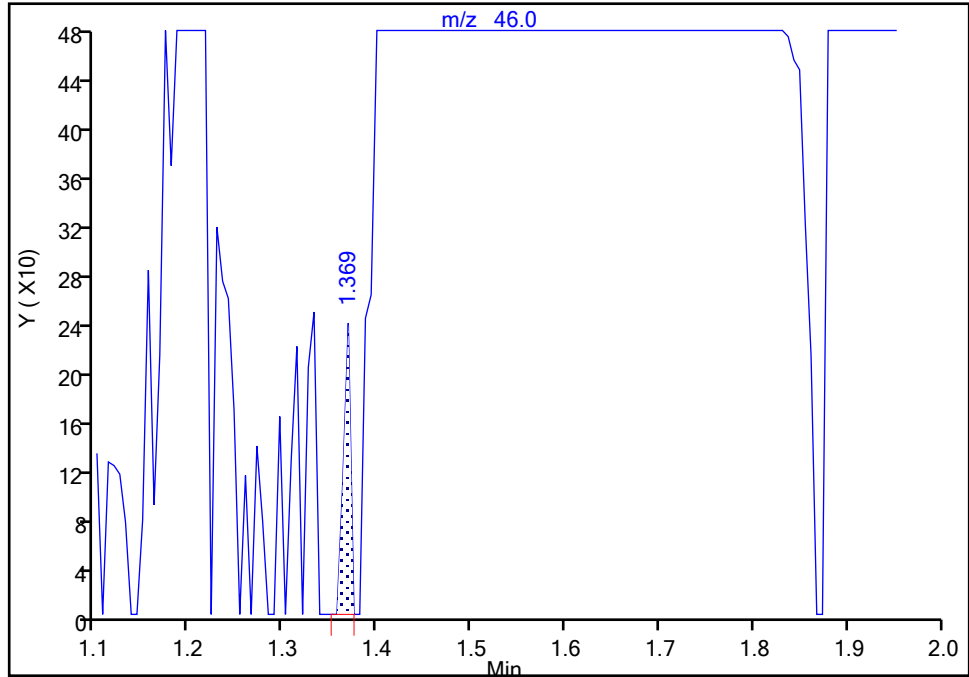
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

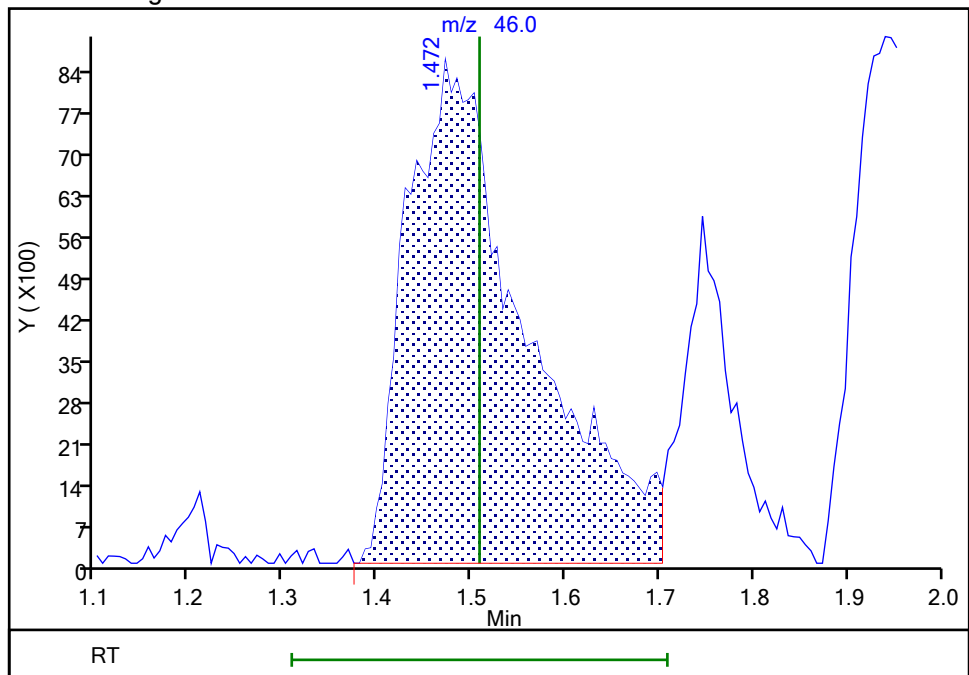
RT: 1.37
Area: 125
Amount: 14.408370
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 76281
Amount: 8217.9752
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:15:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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

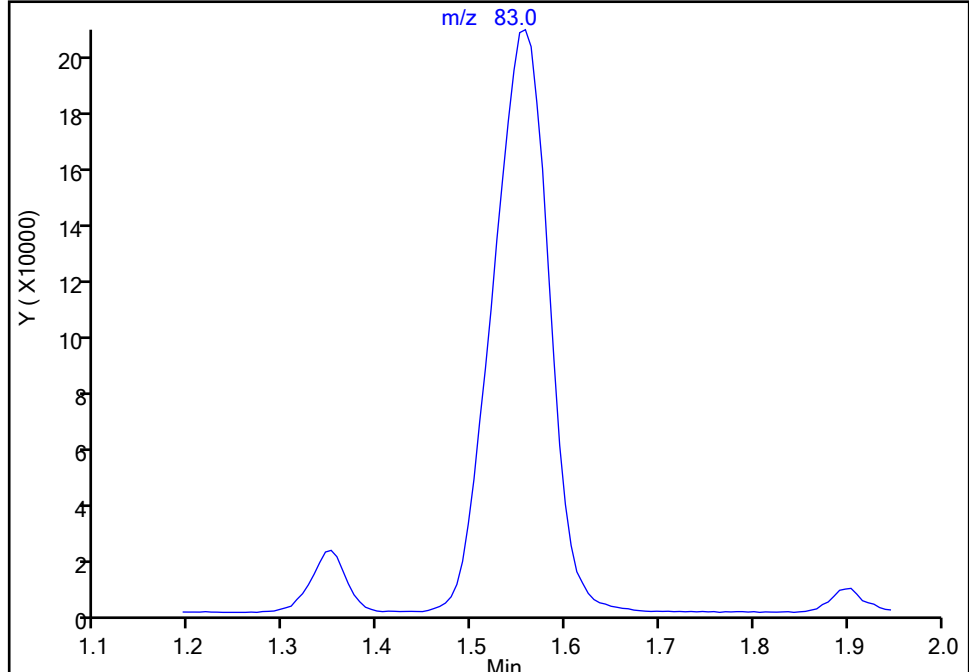
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 1.56

Processing Integration Results



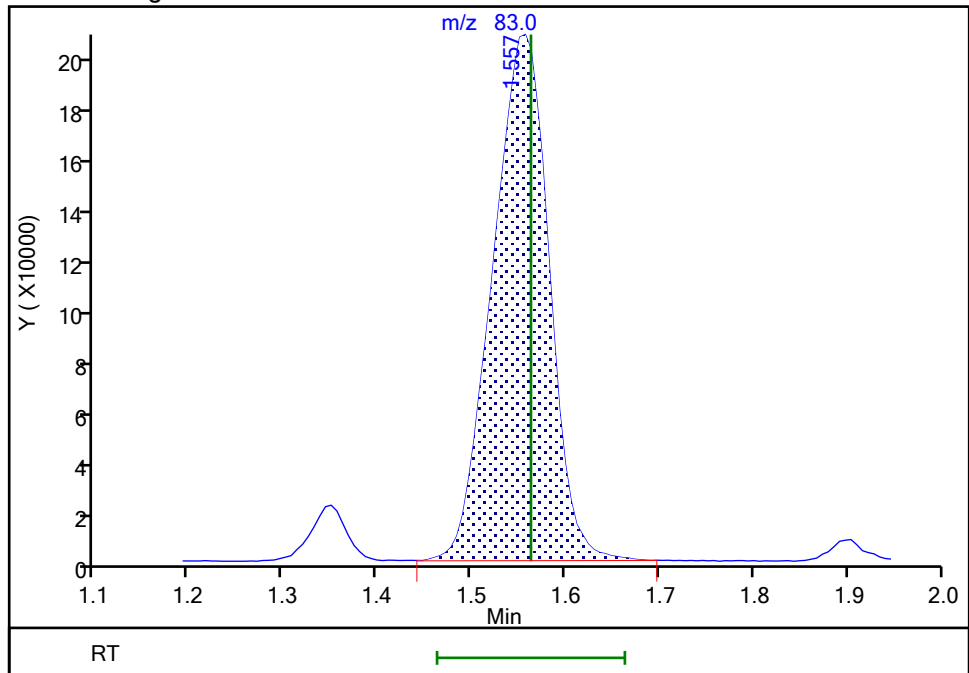
RT: 1.56

Area: 843226

Amount: 183.5858

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:15:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#:

8

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

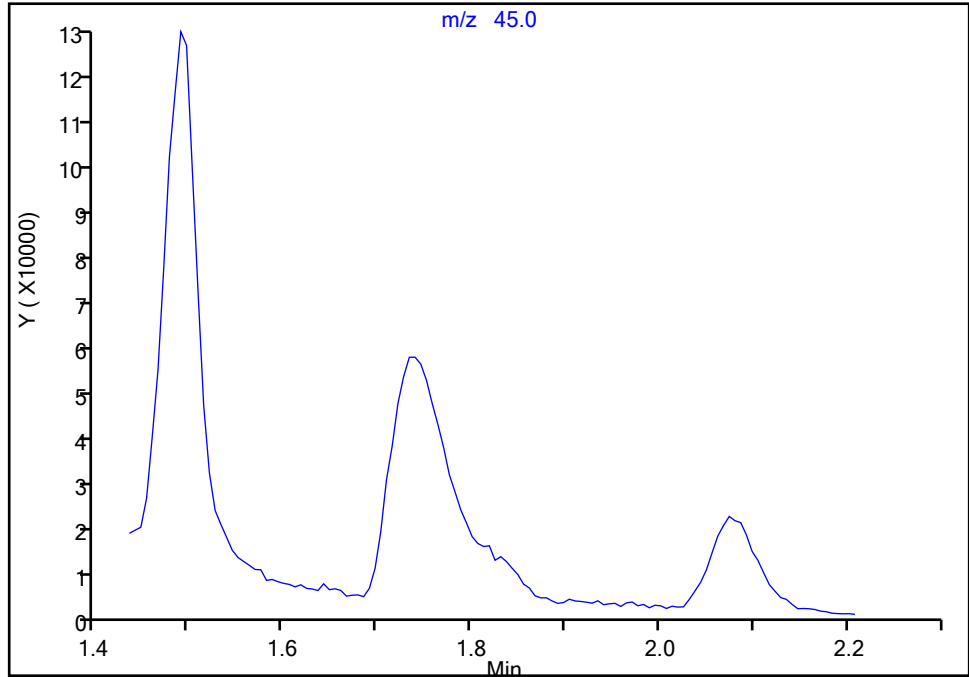
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

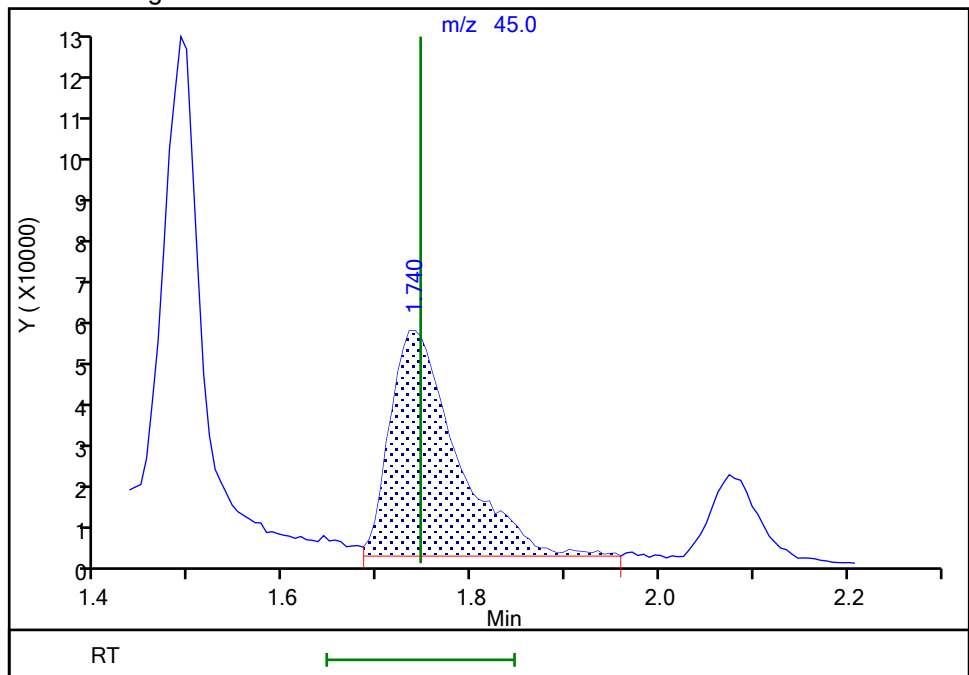
Expected RT: 1.75

Processing Integration Results



RT: 1.74
Area: 254361
Amount: 2094.6429
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:15:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

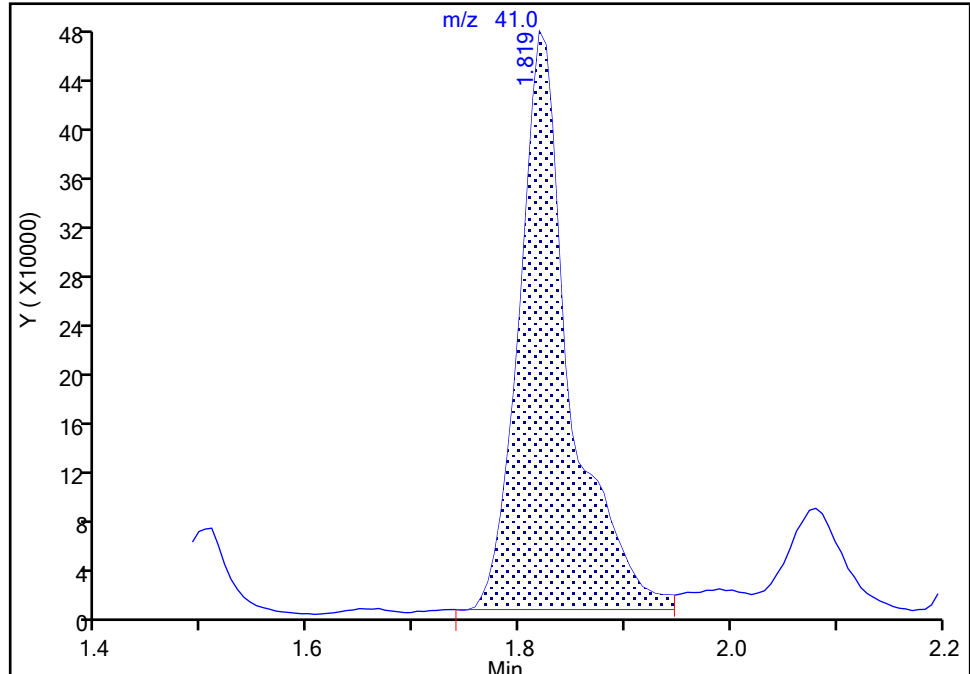
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

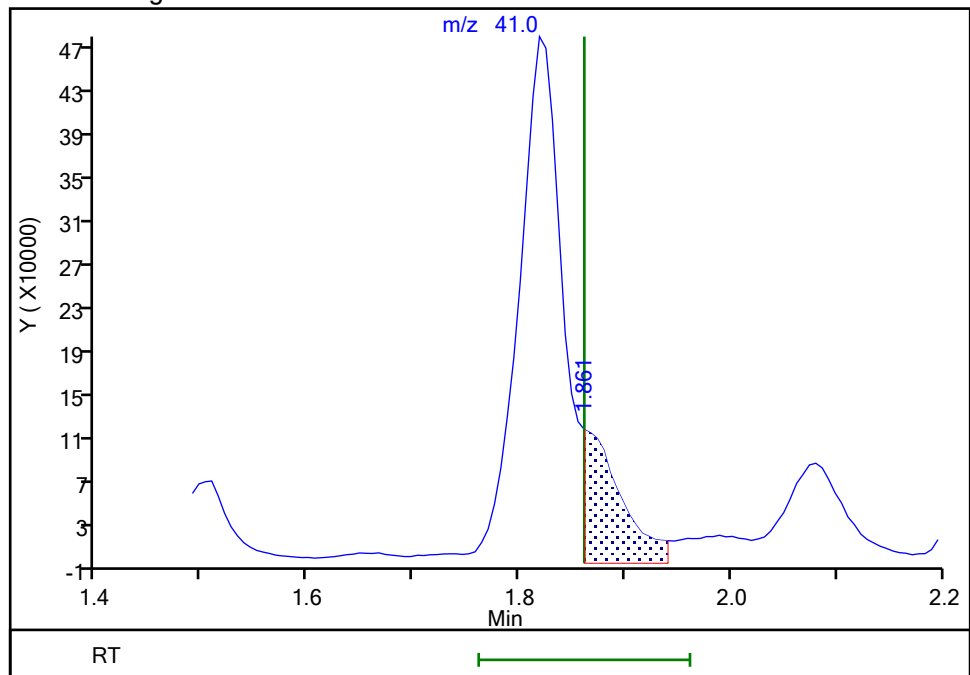
RT: 1.82
Area: 1553496
Amount: 2000.3002
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 309851
Amount: 2103.7625
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:15:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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

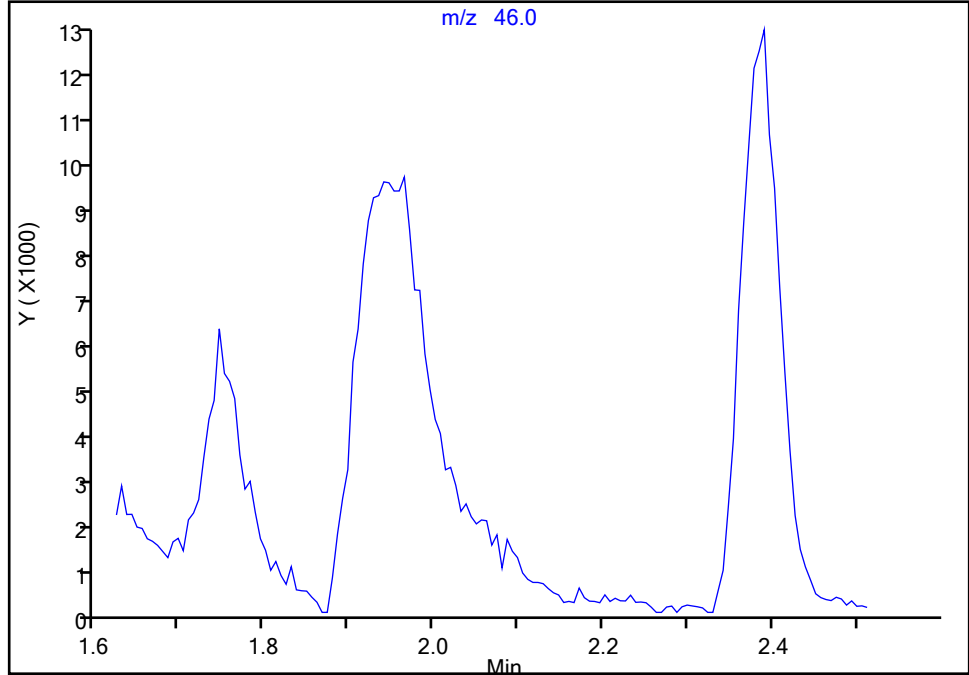
* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

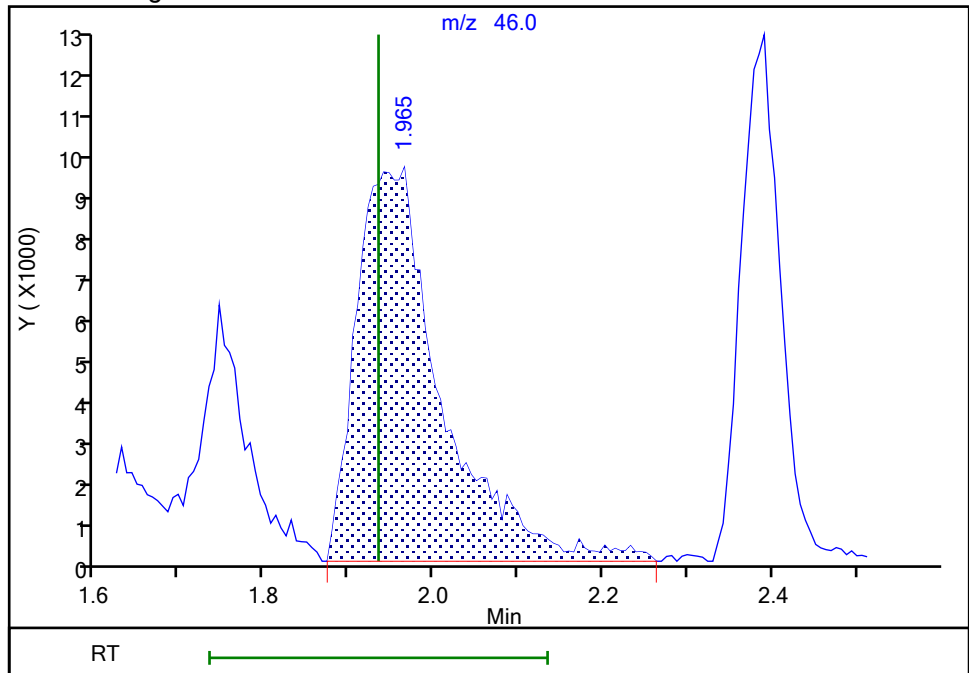
Not Detected

Expected RT: 1.93

Processing Integration Results

RT: 1.96
Area: 63236
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:14:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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

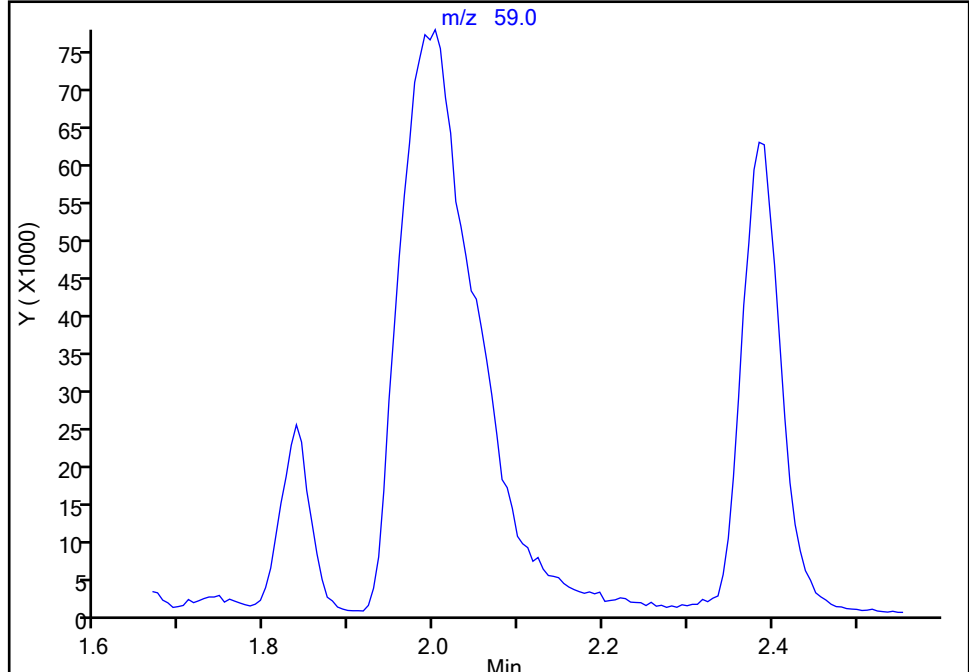
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

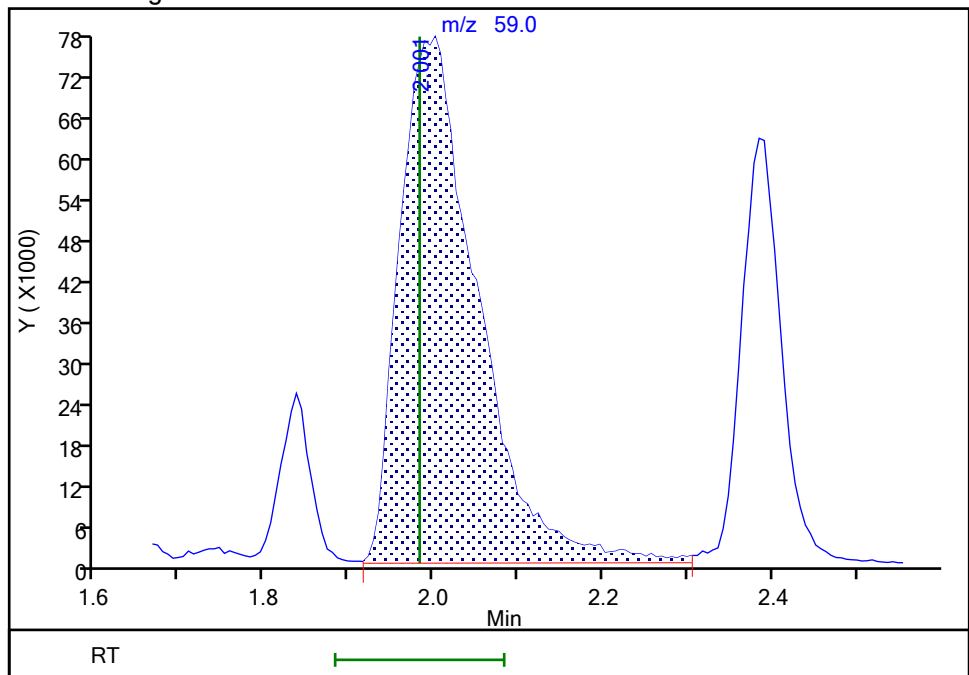
Not Detected

Expected RT: 1.98

Processing Integration Results



Manual Integration Results



RT: 2.00
Area: 493435
Amount: 1957.8187
Amount Units: ug/l

Reviewer: KG2Q, 25-Oct-2022 09:16:04

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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

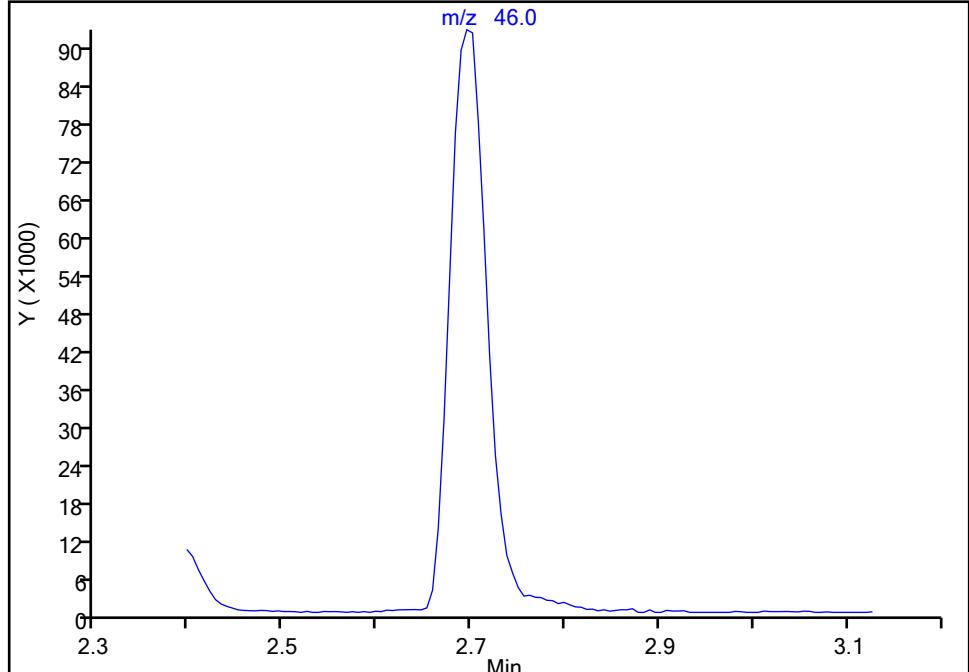
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

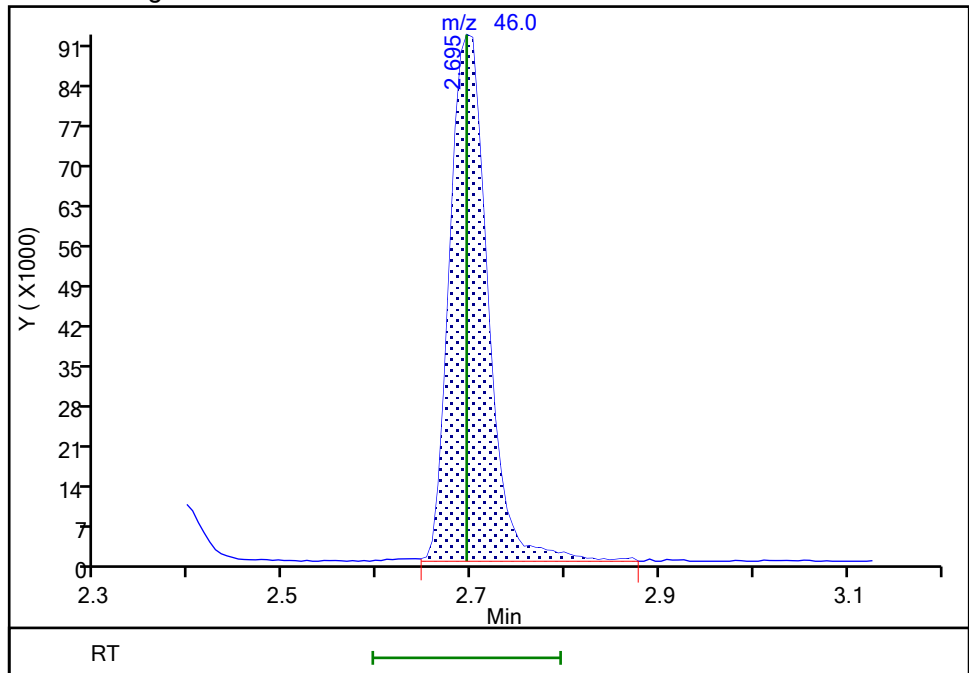
Expected RT: 2.69

Processing Integration Results



RT: 2.69
Area: 259995
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:14:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

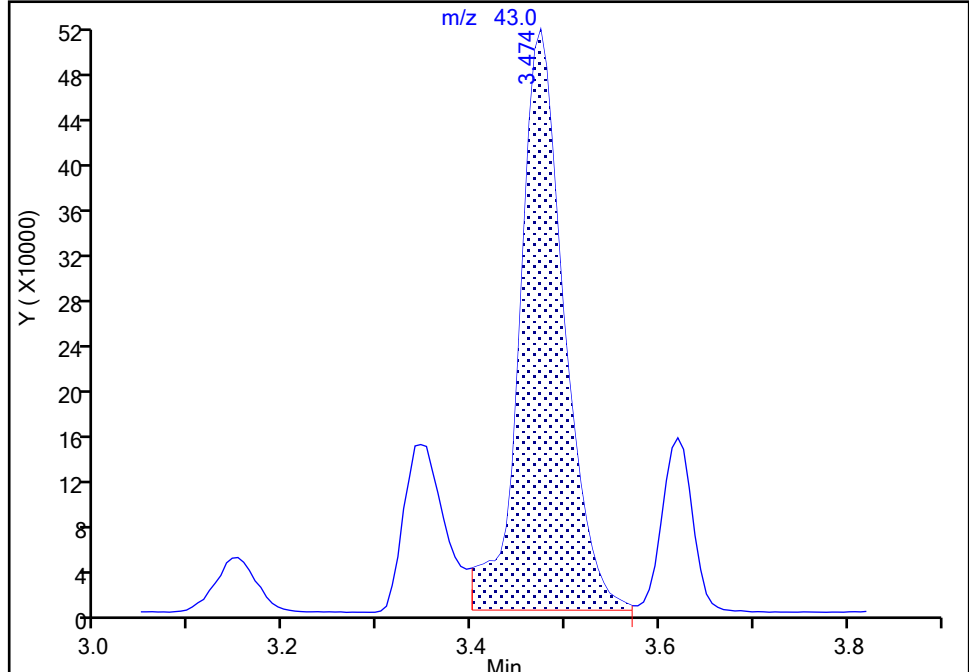
Detector: MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

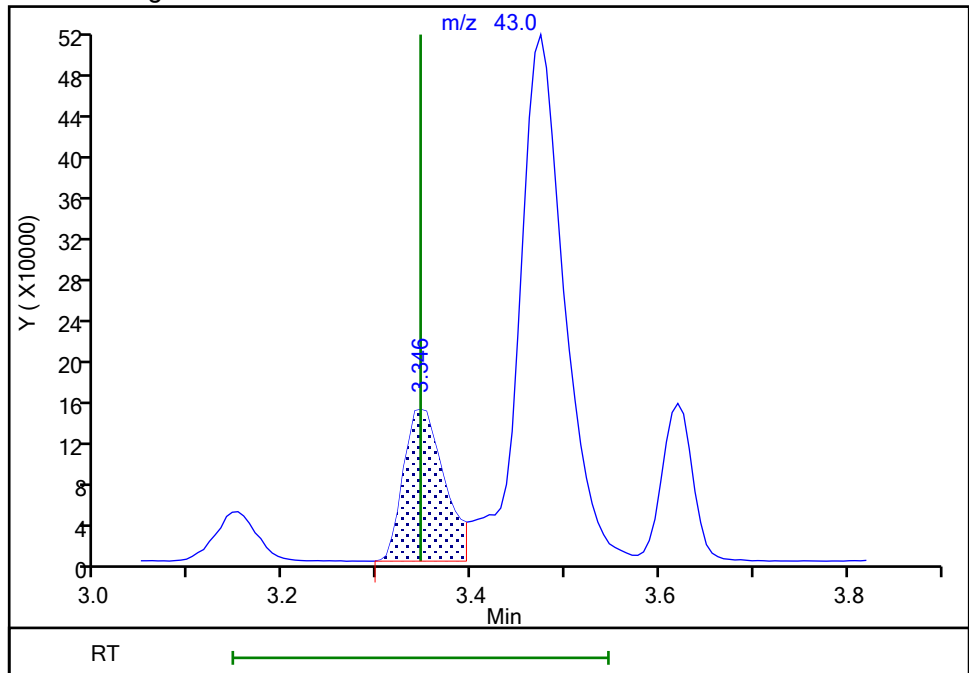
RT: 3.47
Area: 1685137
Amount: 5000.6346
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 447943
Amount: 4699.5880
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:16:22

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

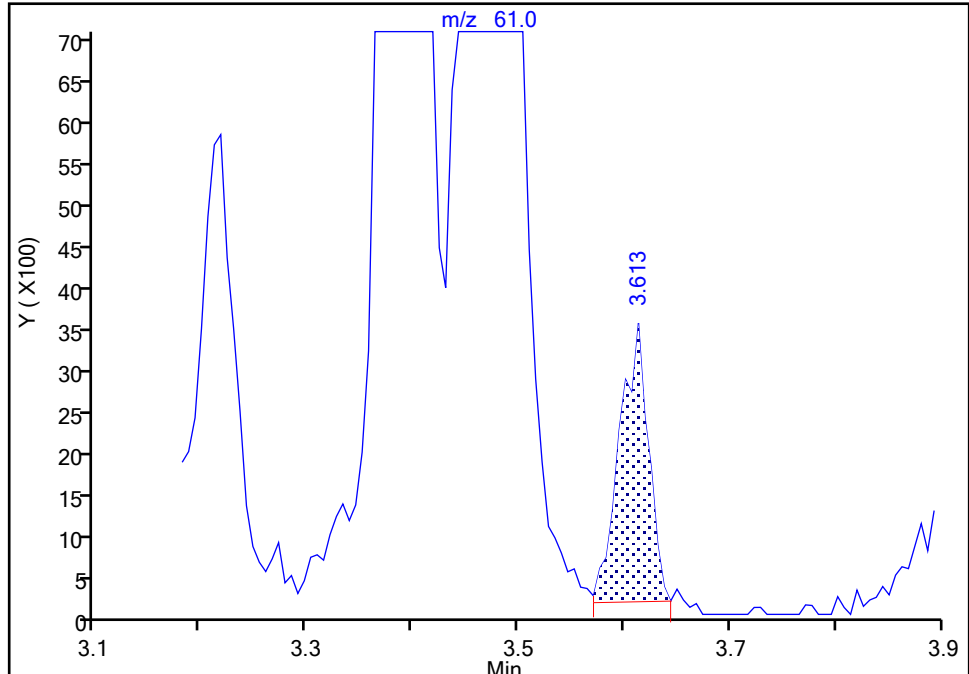
Detector: MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

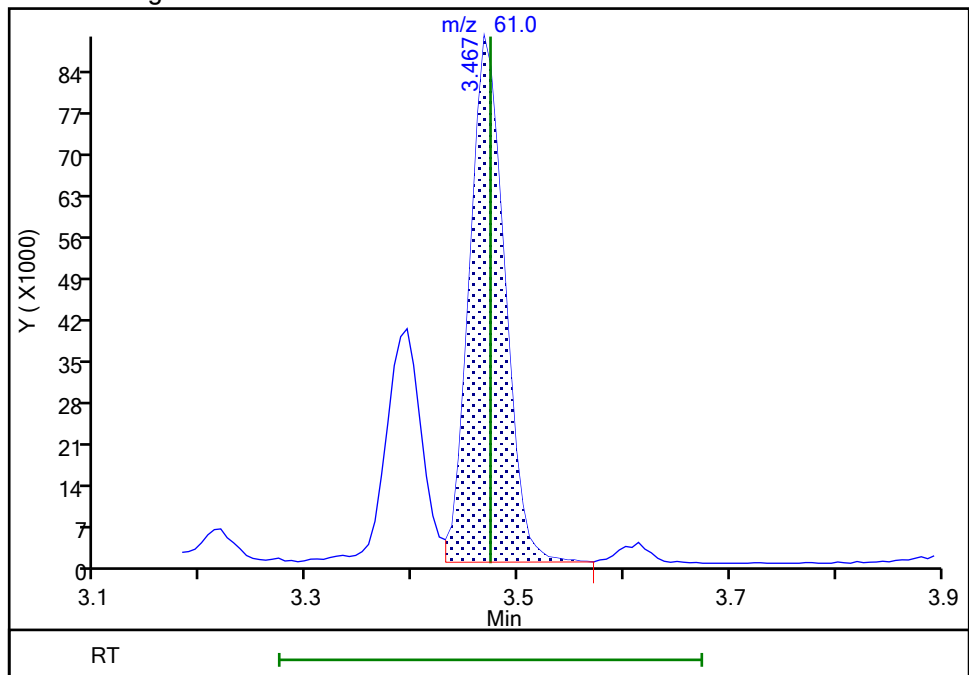
RT: 3.61
Area: 6422
Amount: 8.003148
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 205977
Amount: 206.3021
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:16:30

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

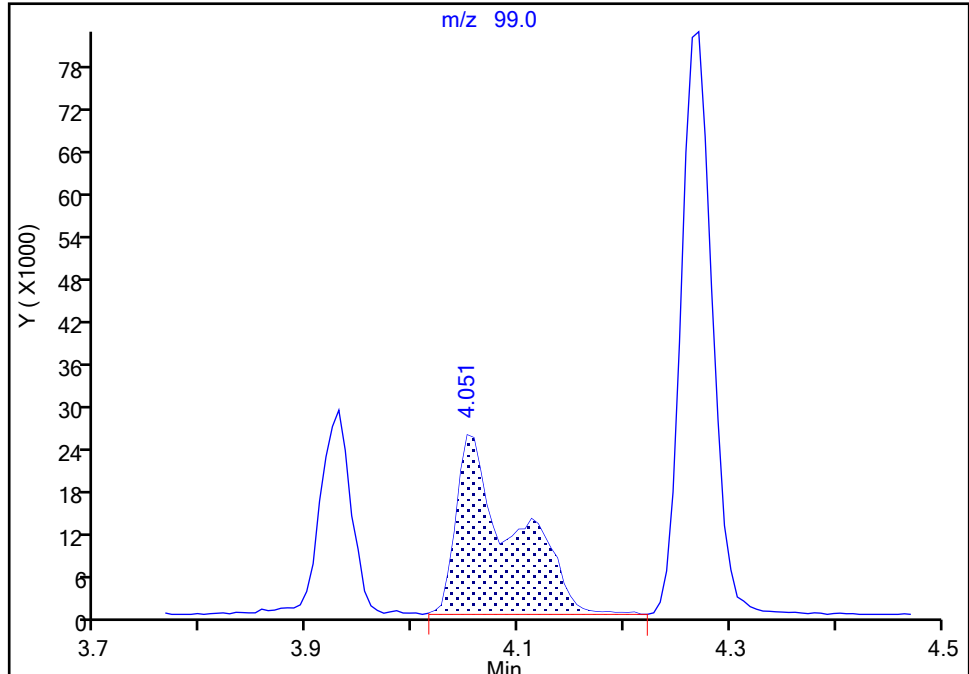
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

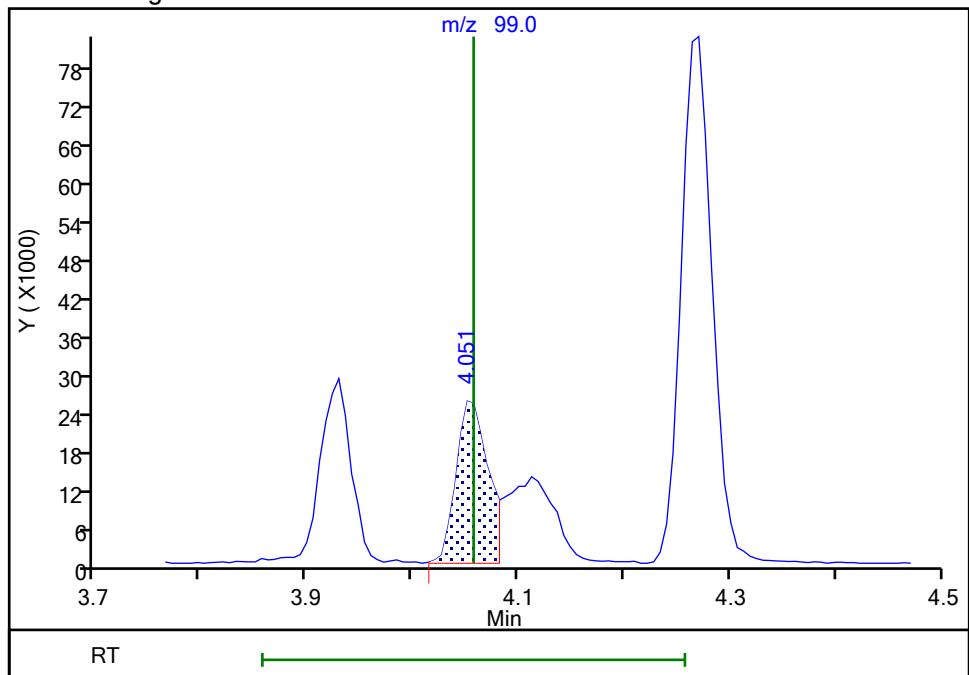
RT: 4.05
Area: 94951
Amount: 208.2426
Amount Units: ug/l

Processing Integration Results



RT: 4.05
Area: 54141
Amount: 197.9436
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:03:25

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57148.D

Injection Date: 25-Oct-2022 08:58:30

Instrument ID: CVOAMS11

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

24

Worklist Smp#: 8

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)

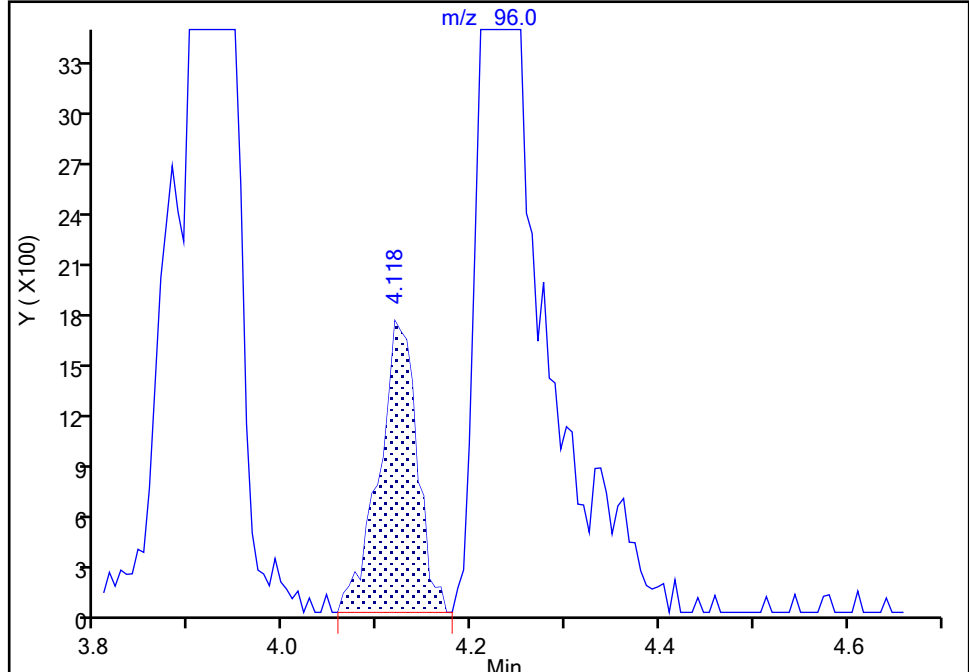
Detector: MS SCAN

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

Signal: 1

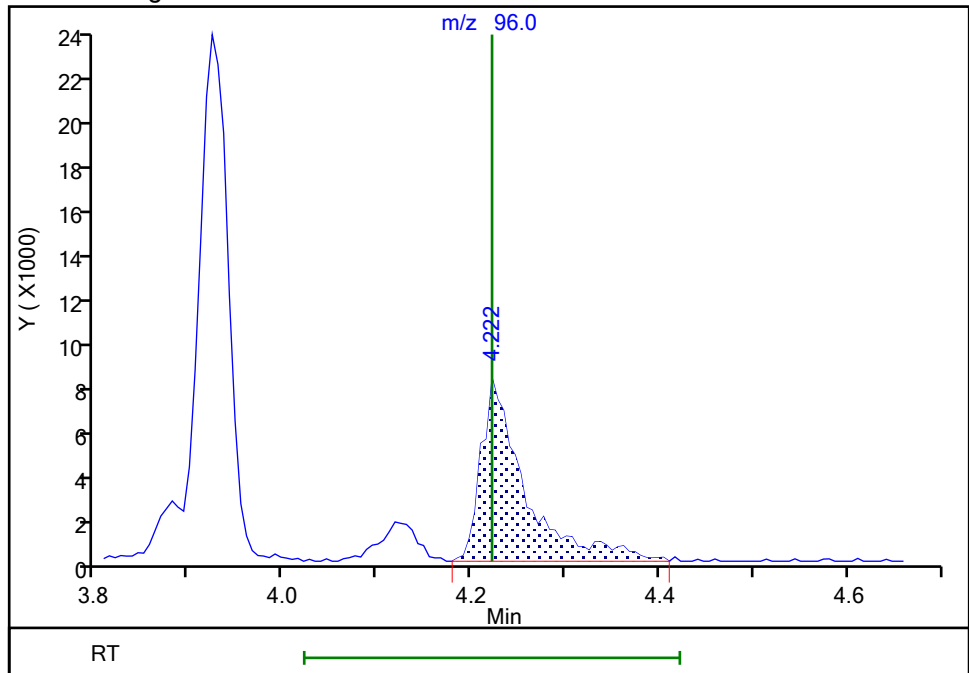
RT: 4.12
Area: 4819
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 25911
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 25-Oct-2022 09:14:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 25-Oct-2022 09:21:30 ALS Bottle#: 25 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0152213-009
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:37:13 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 25-Oct-2022 09:45:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.882	0.864	0.018	93	740966	500.0	410.0	
6 Chlorodifluoromethane	51	0.888	0.882	0.006	96	3212081	500.0	425.5	
5 Dichlorodifluoromethane	85	0.894	0.888	0.006	98	2747843	500.0	544.8	
7 Chloromethane	52	1.004	0.991	0.013	99	949856	500.0	451.7	
9 Butadiene	54	1.052	1.040	0.012	94	1834014	500.0	504.2	
8 Vinyl chloride	62	1.058	1.046	0.012	98	1872356	500.0	473.5	
10 Bromomethane	94	1.217	1.210	0.007	99	1280044	500.0	411.5	
11 Chloroethane	64	1.247	1.241	0.006	99	949157	500.0	409.6	
12 Dichlorofluoromethane	67	1.363	1.350	0.013	99	2728046	500.0	425.3	
14 Pentane	72	1.399	1.381	0.018	96	424883	1000.0	748.8	
13 Trichlorofluoromethane	101	1.399	1.393	0.006	98	2325836	500.0	453.8	
16 Ethyl ether	74	1.502	1.490	0.012	94	743529	500.0	421.2	
15 Ethanol	46	1.496	1.508	-0.012	69	194649	20000	17791	
17 2-Methyl-1,3-butadiene	53	1.521	1.508	0.013	87	1210127	500.0	406.8	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.539	1.527	0.012	88	1304165	500.0	415.1	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.569	1.563	0.006	95	2213440	500.0	421.5	a
20 Acrolein	56	1.576	1.563	0.013	89	185822	400.0	327.8	
22 1,1-Dichloroethene	96	1.636	1.630	0.006	98	1363326	500.0	427.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.667	1.660	0.007	97	1531003	500.0	415.8	
23 Acetone	58	1.661	1.660	0.001	87	602879	2500.0	2028.7	
24 Iodomethane	142	1.728	1.715	0.013	97	2612321	500.0	420.6	
25 Isopropyl alcohol	45	1.758	1.746	0.012	73	754868	5000.0	5273.8	a
26 Carbon disulfide	76	1.764	1.752	0.012	99	4995102	500.0	415.8	
27 3-Chloro-1-propene	76	1.831	1.825	0.006	94	1187766	500.0	466.6	
28 Methyl acetate	74	1.849	1.843	0.006	99	484172	1000.0	827.1	
30 Acetonitrile	41	1.861	1.861	0.000	76	973047	5000.0	5604.9	M
29 Cyclopentene	67	1.886	1.873	0.013	95	3610077	500.0	472.3	
32 Methylene Chloride	84	1.910	1.898	0.012	90	1610740	500.0	416.3	
* 31 TBA-d9 (IS)	46	1.959	1.934	0.025	67	74537	1000.0	1000.0	a
33 2-Methyl-2-propanol	59	2.014	1.983	0.031	92	1340935	5000.0	4513.8	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	2.056	2.044	0.012	95	5400736	5000.0	4037.2	
35 trans-1,2-Dichloroethene	96	2.068	2.062	0.006	94	1479895	500.0	416.3	
34 Methyl tert-butyl ether	73	2.093	2.086	0.007	96	4180766	500.0	434.7	
37 Hexane	56	2.239	2.232	0.007	91	655028	500.0	391.9	
39 1,1-Dichloroethane	63	2.336	2.330	0.006	99	2649321	500.0	429.3	
40 Vinyl acetate	86	2.372	2.360	0.012	100	651556	1000.0	928.8	
38 Isopropyl ether	45	2.397	2.391	0.006	85	4422088	500.0	439.7	
41 2-Chloro-1,3-butadiene	88	2.397	2.391	0.006	89	1418402	500.0	442.7	
42 Tert-butyl ethyl ether	59	2.646	2.640	0.006	89	4466565	500.0	458.8	
* 43 2-Butanone-d5	46	2.707	2.695	0.012	94	298355	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.731	2.719	0.012	98	1648574	500.0	420.1	
44 2,2-Dichloropropane	79	2.750	2.725	0.025	94	705758	500.0	406.3	
46 2-Butanone (MEK)	72	2.750	2.737	0.013	95	842972	2500.0	2139.8	
47 Ethyl acetate	70	2.792	2.780	0.012	99	309269	1000.0	826.4	
49 Propionitrile	54	2.792	2.780	0.012	95	2052797	5000.0	4273.5	
48 Methyl acrylate	55	2.817	2.810	0.007	100	1648120	500.0	454.0	
52 Methacrylonitrile	67	2.908	2.889	0.019	90	6198375	5000.0	4498.5	
51 Chlorobromomethane	128	2.902	2.889	0.013	86	818393	500.0	428.5	
50 Tetrahydrofuran	72	2.944	2.938	0.006	88	386011	1000.0	803.2	
53 Chloroform	83	2.963	2.956	0.007	99	2578131	500.0	431.1	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	96	128062	50.0	47.0	
55 1,1,1-Trichloroethane	97	3.109	3.102	0.007	98	2183438	500.0	438.9	
54 Cyclohexane	84	3.157	3.151	0.006	89	2040734	500.0	425.0	
58 1,1-Dichloropropene	75	3.224	3.218	0.006	99	1988235	500.0	437.5	
57 Carbon tetrachloride	117	3.230	3.218	0.012	97	1848367	500.0	445.2	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.340	3.333	0.007	77	140003	50.0	47.8	
59 Isobutyl alcohol	43	3.352	3.346	0.006	96	1276821	12500	11365	a
61 Benzene	78	3.388	3.382	0.006	96	5931524	500.0	421.8	
65 1,2-Dichloroethane	62	3.401	3.394	0.007	96	1899019	500.0	424.0	
60 Isooctane	57	3.480	3.461	0.019	91	2884565	500.0	454.5	
64 Isopropyl acetate	61	3.480	3.473	0.007	95	560032	500.0	490.6	a
63 Tert-amyl methyl ether	73	3.504	3.498	0.006	93	4456355	500.0	463.4	
* 67 Fluorobenzene	96	3.620	3.613	0.007	99	581466	50.0	50.0	
66 n-Heptane	71	3.626	3.619	0.007	90	610059	500.0	500.7	
68 n-Butanol	56	3.918	3.911	0.007	87	813713	12500	13117	
69 Trichloroethene	95	3.936	3.924	0.012	99	1476243	500.0	435.0	
70 Ethyl acrylate	99	4.064	4.057	0.007	98	157674	500.0	500.3	
71 Methylcyclohexane	83	4.112	4.100	0.012	89	1849080	500.0	420.3	
72 1,2-Dichloropropane	63	4.131	4.124	0.007	93	1539075	500.0	447.6	
* 73 1,4-Dioxane-d8	96	4.234	4.222	0.012	41	33450	1000.0	1000.0	
76 Dibromomethane	93	4.234	4.228	0.006	98	968561	500.0	438.7	
74 Methyl methacrylate	100	4.277	4.264	0.013	87	816297	1000.0	1023.7	
75 1,4-Dioxane	88	4.271	4.283	-0.012	30	281888	10000	7193.0	
77 n-Propyl acetate	43	4.344	4.337	0.007	98	1933035	500.0	482.6	
78 Dichlorobromomethane	83	4.392	4.386	0.006	99	2008001	500.0	483.6	
79 2-Nitropropane	41	4.623	4.611	0.012	98	588284	1000.0	1021.0	
80 2-Chloroethyl vinyl ether	63	4.715	4.708	0.007	94	1131866	501.2	501.6	
81 Epichlorohydrin	57	4.763	4.751	0.012	99	3223055	10000	9884.2	
82 cis-1,3-Dichloropropene	75	4.836	4.830	0.006	91	2589379	500.0	478.0	
83 4-Methyl-2-pentanone (MIBK)	43	5.025	5.019	0.006	95	6852942	2500.0	2347.7	
\$ 84 Toluene-d8 (Surr)	98	5.104	5.098	0.006	99	503316	50.0	47.5	
85 Toluene	91	5.171	5.165	0.006	93	6176844	500.0	435.8	

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	5.426	5.420	0.006	95	2339810	500.0	499.3	
87 Ethyl methacrylate	69	5.572	5.566	0.006	89	1982555	500.0	520.3	
88 1,1,2-Trichloroethane	83	5.621	5.609	0.012	96	1155037	500.0	447.3	
89 Tetrachloroethene	166	5.755	5.749	0.006	97	1379565	500.0	441.5	
90 1,3-Dichloropropane	76	5.798	5.785	0.013	92	2326437	500.0	454.9	
91 2-Hexanone	58	5.944	5.931	0.013	95	2797536	2500.0	2471.0	
93 Chlorodibromomethane	129	6.041	6.035	0.006	98	1550807	500.0	497.9	
92 n-Butyl acetate	43	6.114	6.114	0.000	99	2167133	500.0	501.8	
94 Ethylene Dibromide	107	6.144	6.138	0.006	99	1446893	500.0	451.4	
* 95 Chlorobenzene-d5	117	6.704	6.698	0.006	83	445027	50.0	50.0	
96 Chlorobenzene	112	6.734	6.734	0.000	95	4159684	500.0	443.4	
98 1,1,1,2-Tetrachloroethane	131	6.856	6.850	0.006	97	1501807	500.0	468.4	
97 Ethylbenzene	106	6.905	6.892	0.013	98	2141606	500.0	450.7	
99 m-Xylene & p-Xylene	106	7.051	7.044	0.007	98	2662350	500.0	449.7	
100 o-Xylene	106	7.537	7.525	0.012	94	2774269	500.0	474.1	
102 Styrene	104	7.562	7.549	0.013	97	4651823	500.0	497.3	
101 n-Butyl acrylate	73	7.592	7.586	0.006	97	1313175	500.0	534.6	
104 Bromoform	173	7.750	7.744	0.006	97	1050932	500.0	555.6	
103 Amyl acetate (mixed isomers)	43	7.909	7.902	0.006	91	2633053	500.0	544.3	
105 Isopropylbenzene	105	8.024	8.024	0.000	95	6398926	500.0	467.5	
\$ 106 4-Bromofluorobenzene	174	8.194	8.188	0.006	90	166016	50.0	49.2	
107 Bromobenzene	156	8.353	8.346	0.007	98	1776515	500.0	467.6	
108 1,1,2,2-Tetrachloroethane	83	8.438	8.432	0.006	99	1926749	500.0	470.3	
110 1,2,3-Trichloropropane	110	8.462	8.456	0.006	99	516425	500.0	446.1	
111 trans-1,4-Dichloro-2-butene	53	8.523	8.517	0.006	93	517769	500.0	513.3	
109 N-Propylbenzene	91	8.572	8.559	0.013	99	7357842	500.0	488.3	
112 2-Chlorotoluene	91	8.639	8.626	0.013	97	4633784	500.0	464.6	
113 4-Ethyltoluene	105	8.730	8.724	0.006	99	6288150	500.0	493.0	
115 4-Chlorotoluene	91	8.791	8.778	0.013	97	5454767	500.0	477.4	
114 1,3,5-Trimethylbenzene	105	8.821	8.815	0.006	93	5267398	500.0	480.9	
116 Butyl Methacrylate	87	9.040	9.034	0.006	88	2242206	500.0	575.7	
117 tert-Butylbenzene	119	9.235	9.228	0.007	94	4091589	500.0	490.1	
118 1,2,4-Trimethylbenzene	105	9.296	9.289	0.007	97	5608333	500.0	485.9	
119 sec-Butylbenzene	105	9.502	9.496	0.006	99	5638062	500.0	481.6	
120 1,3-Dichlorobenzene	146	9.575	9.569	0.006	97	3153912	500.0	461.6	
* 122 1,4-Dichlorobenzene-d4	152	9.654	9.648	0.006	96	244280	50.0	50.0	
121 4-Isopropyltoluene	119	9.685	9.679	0.006	98	4917437	500.0	471.2	
123 1,4-Dichlorobenzene	146	9.679	9.679	0.000	93	3275847	500.0	447.1	
124 1,2,3-Trimethylbenzene	105	9.770	9.758	0.012	98	5958078	500.0	475.5	
125 Benzyl chloride	126	9.849	9.849	0.000	99	745266	500.0	564.3	
126 2,3-Dihydroindene	117	9.953	9.946	0.007	94	5905393	500.0	475.3	
129 1,2-Dichlorobenzene	146	10.062	10.056	0.006	96	2985719	500.0	452.5	
127 p-Diethylbenzene	119	10.093	10.092	0.000	93	2494928	500.0	430.9	
128 n-Butylbenzene	92	10.117	10.111	0.006	97	2275785	500.0	457.1	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	97	296085	500.0	490.9	
130 1,2,4,5-Tetramethylbenzene	119	10.823	10.816	0.007	97	4472155	500.0	486.9	
132 1,3,5-Trichlorobenzene	180	10.999	10.993	0.006	98	1569127	500.0	409.9	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	1156394	500.0	406.9	
134 Hexachlorobutadiene	225	11.662	11.662	0.000	96	447485	500.0	523.8	
135 Naphthalene	128	11.686	11.686	0.000	99	2585636	500.0	430.3	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	95	653893	500.0	500.3	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	836.5	

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		1000.0	923.8	
S 139 Total BTEX	1				0		2500.0	2232.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonHi_00050	Amount Added: 50.00	Units: uL	
MIX 1 Hi_00155	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00128	Amount Added: 50.00	Units: uL	
Ethanol mix_00069	Amount Added: 50.00	Units: uL	
ACROLEIN W_00145	Amount Added: 40.00	Units: uL	
GAS Hi_00427	Amount Added: 50.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

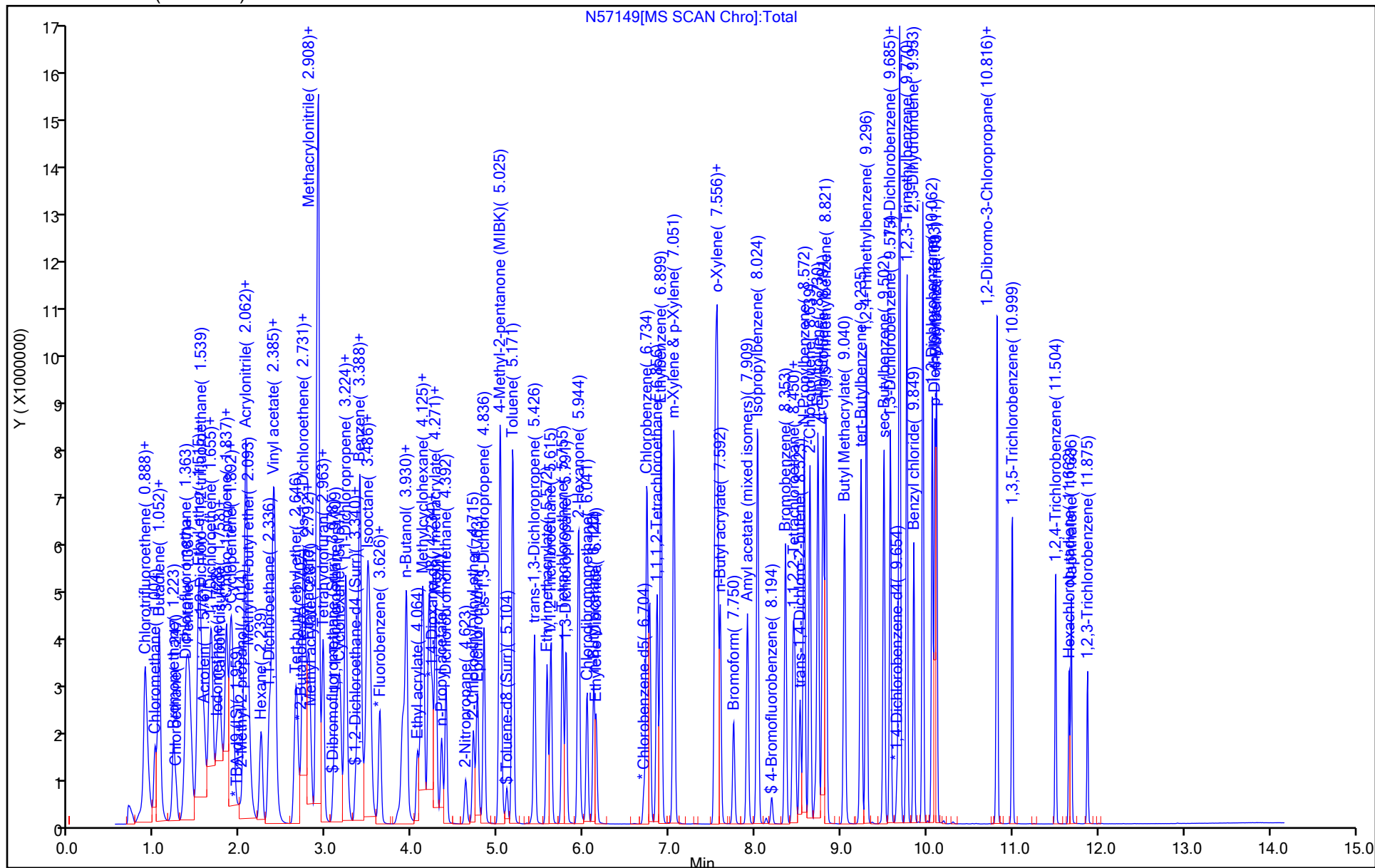
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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

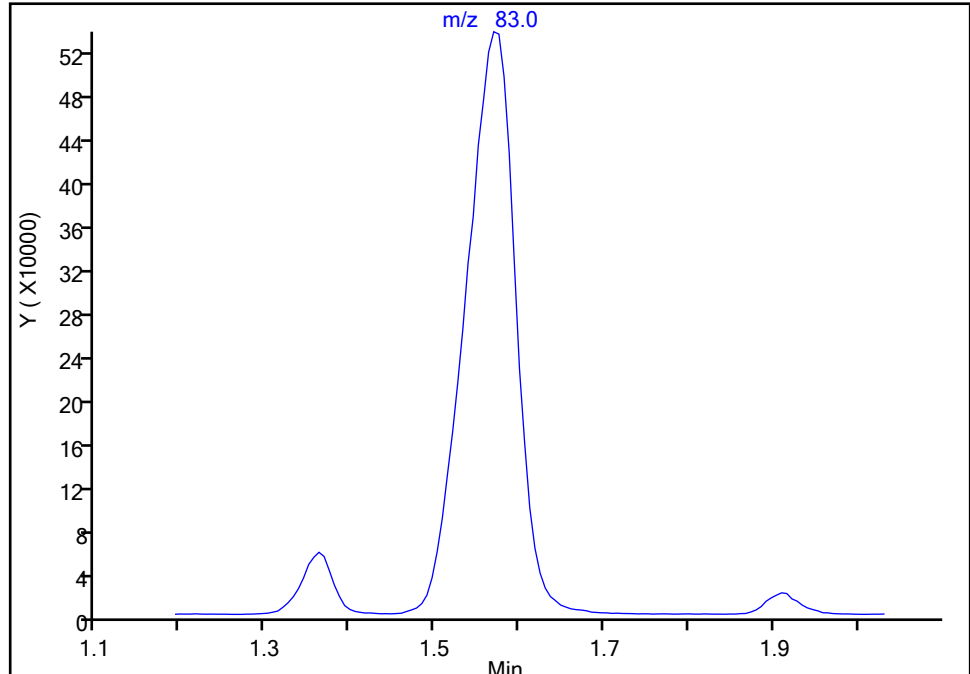
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

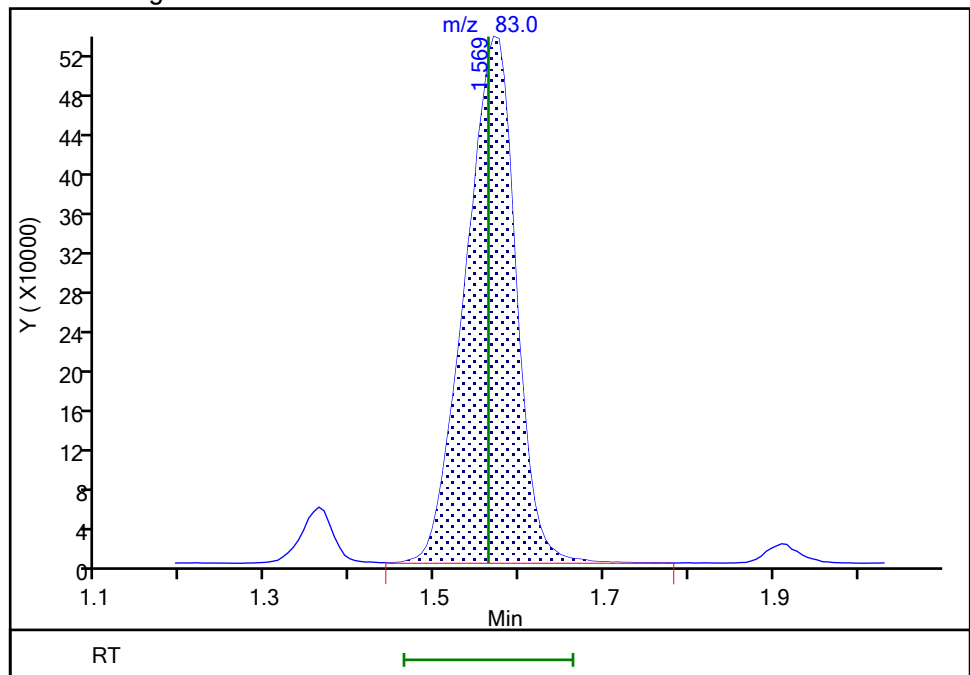
Not Detected

Expected RT: 1.56

Processing Integration Results



Manual Integration Results



RT: 1.57

Area: 2213440

Amount: 421.4729

Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:12:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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

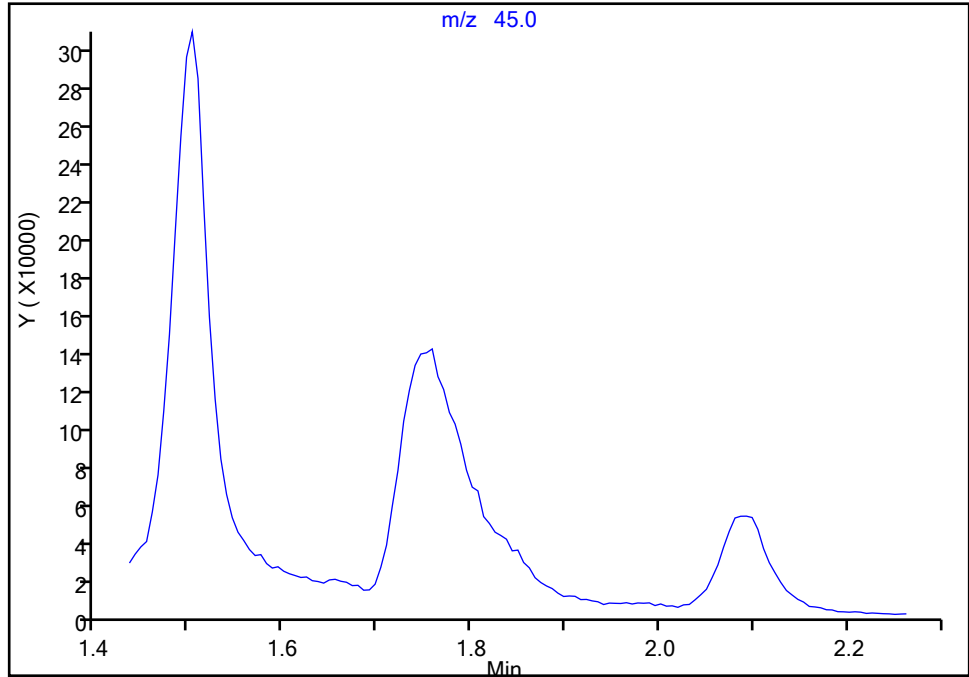
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

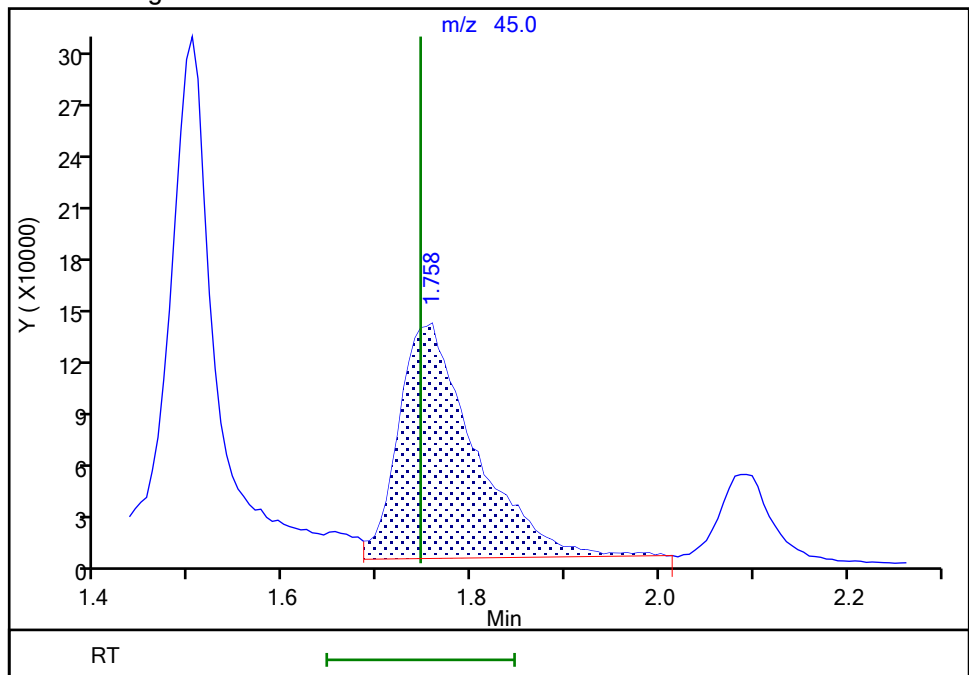
Expected RT: 1.75

Processing Integration Results



RT: 1.76
Area: 754868
Amount: 5273.7916
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:12:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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)

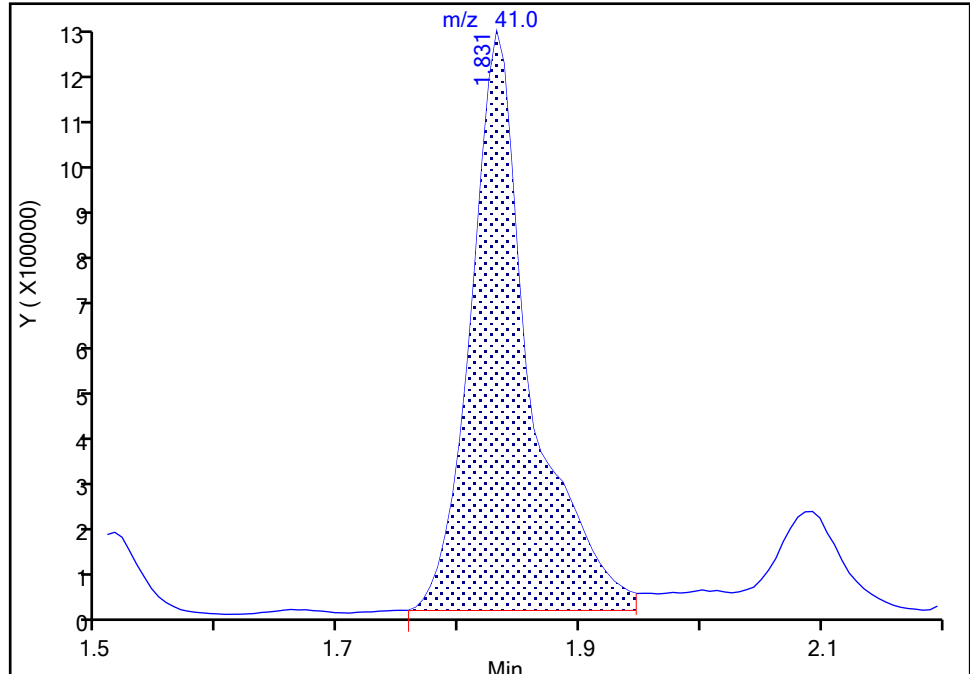
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

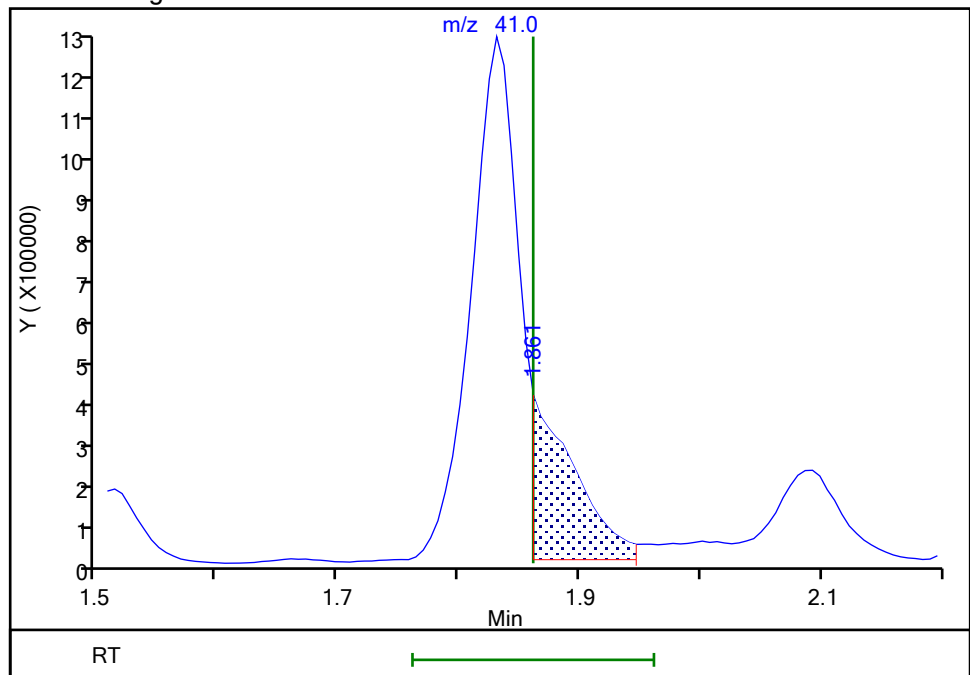
RT: 1.83
Area: 4165376
Amount: 5004.6700
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 973047
Amount: 5604.9290
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:13:13

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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

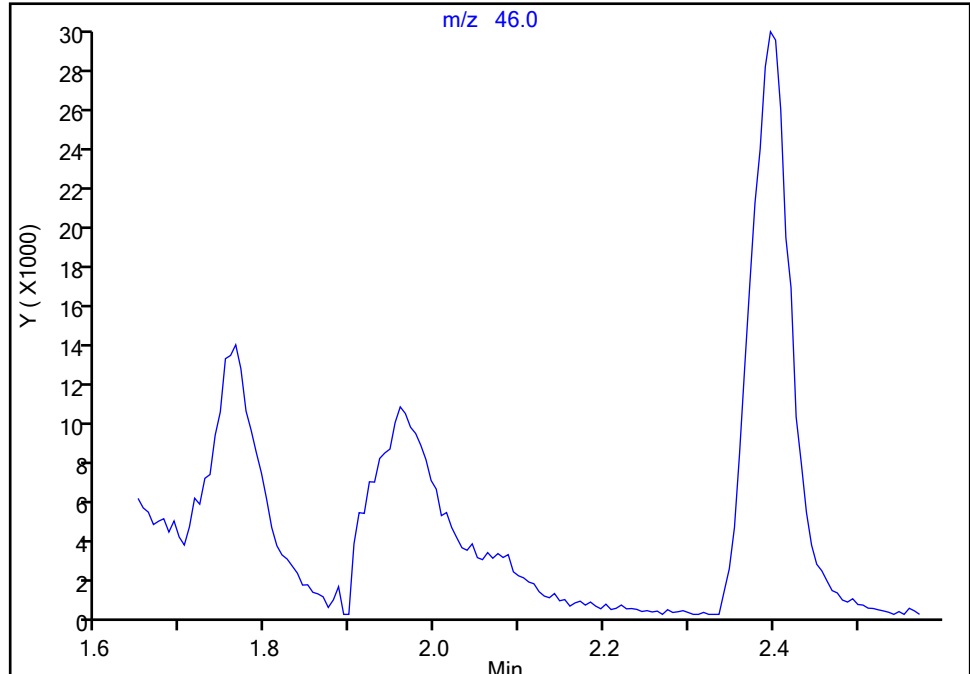
* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

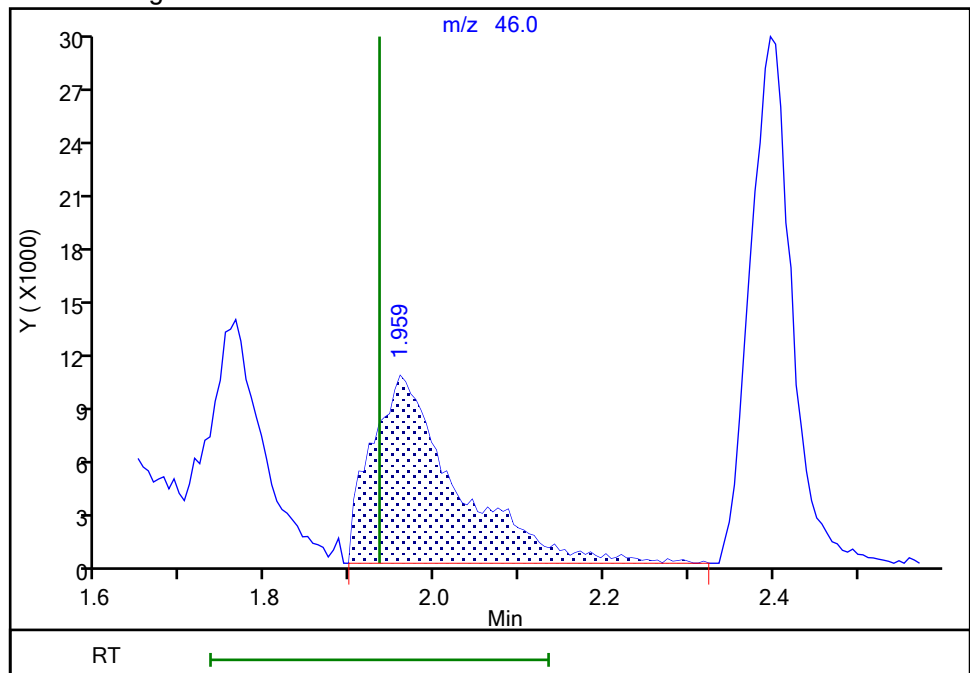
Not Detected

Expected RT: 1.93

Processing Integration Results



Manual Integration Results

RT: 1.96
Area: 74537
Amount: 1000.0000
Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:12:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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

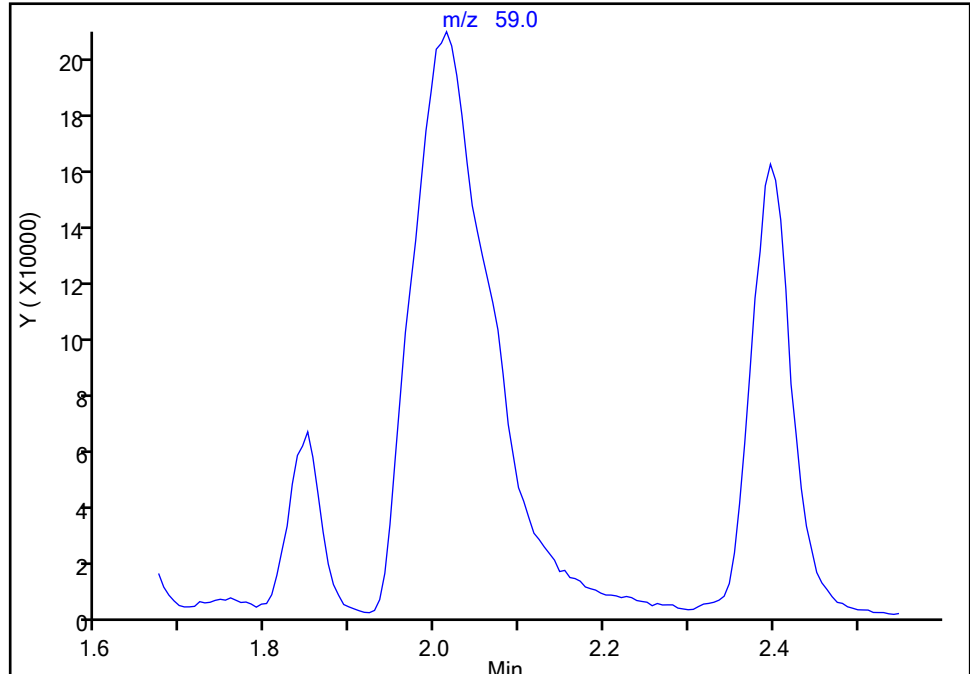
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

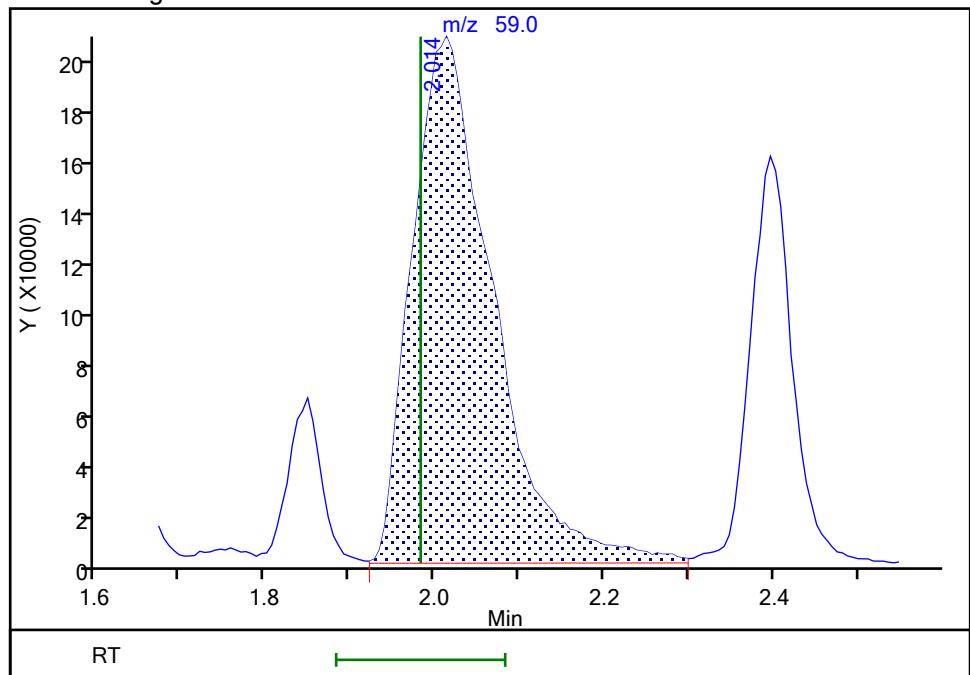
Not Detected

Expected RT: 1.98

Processing Integration Results



Manual Integration Results



RT: 2.01

Area: 1340935

Amount: 4513.8043

Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:13:20

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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)

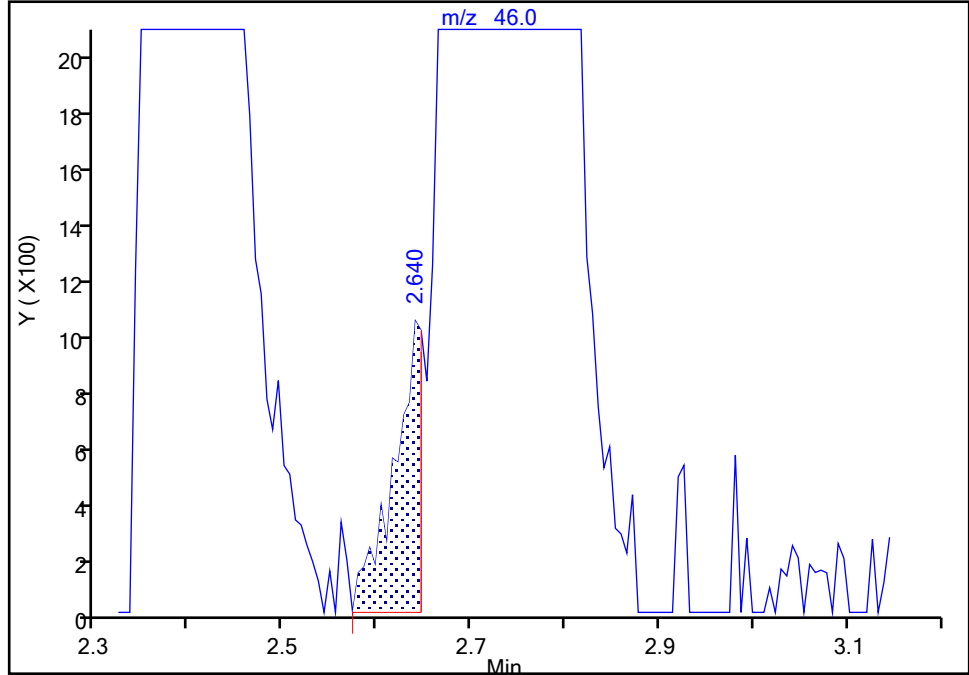
Detector: MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

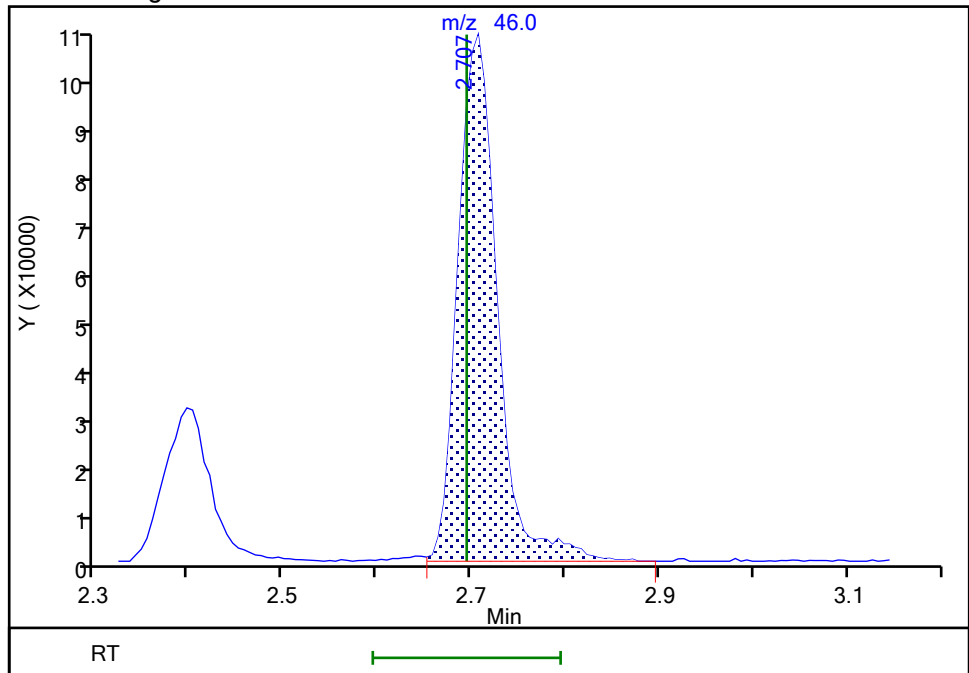
RT: 2.64
Area: 2089
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 298355
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:12:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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)

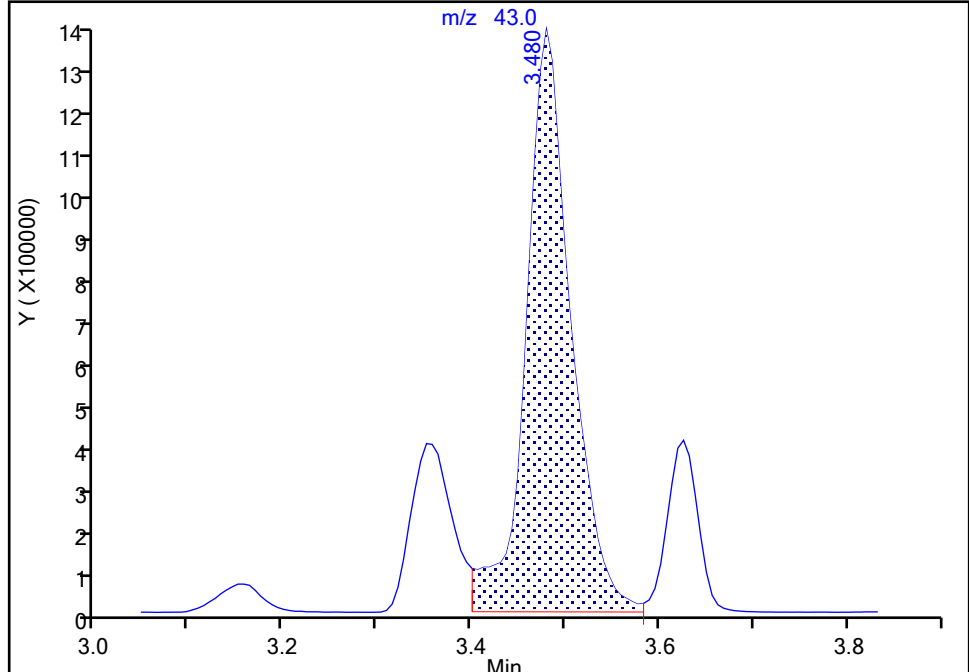
Detector: MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

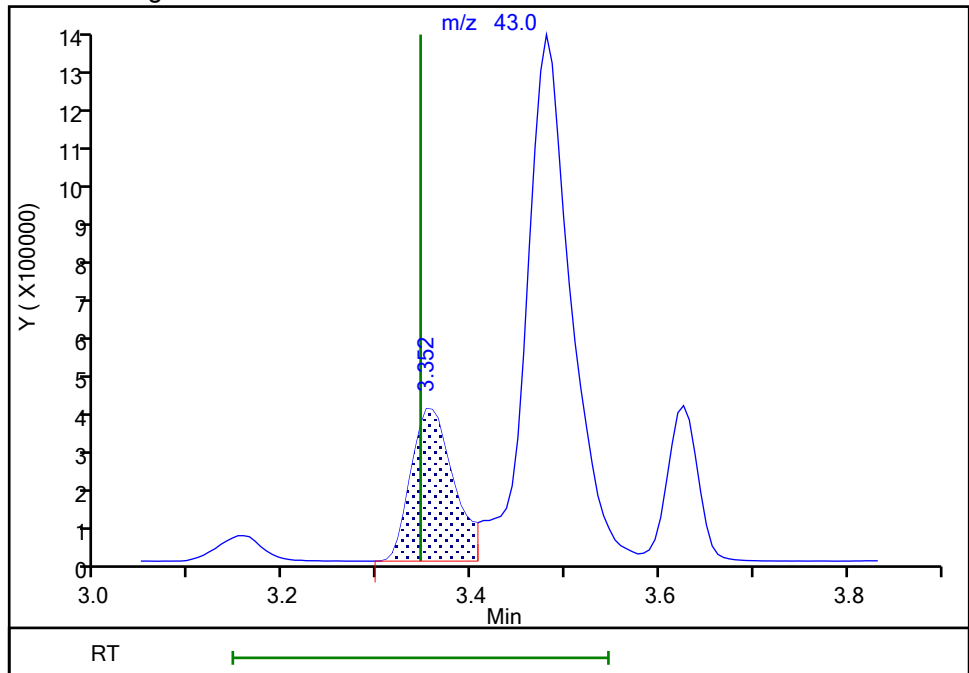
RT: 3.48
Area: 4642422
Amount: 12511
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 1276821
Amount: 11365
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:13:32

Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57149.D

Injection Date: 25-Oct-2022 09:21:30

Instrument ID: CVOAMS11

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

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)

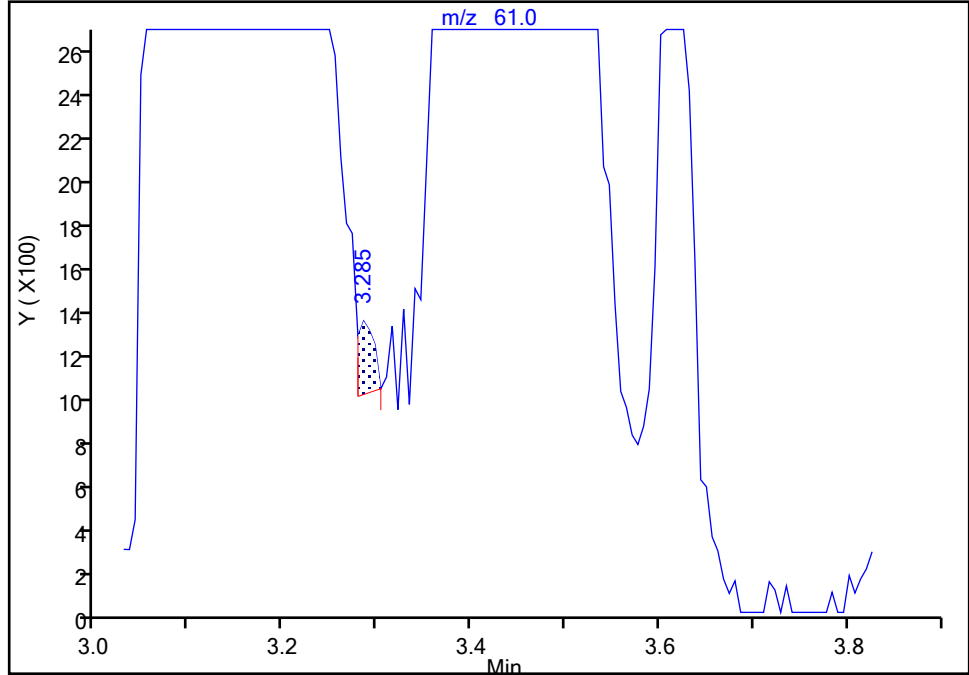
Detector: MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

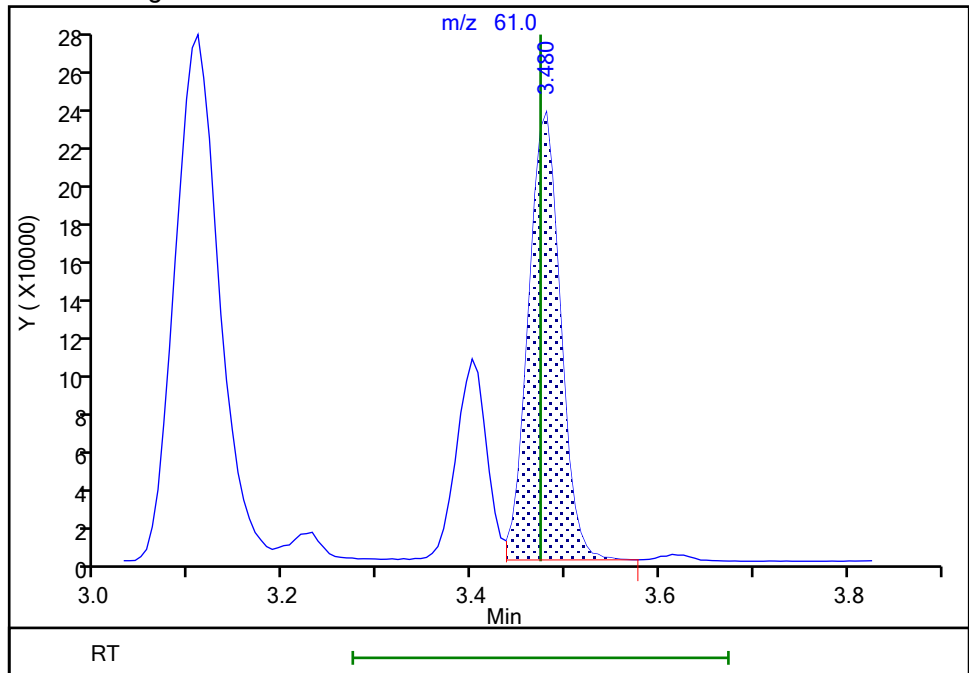
RT: 3.28
Area: 401
Amount: 0.419877
Amount Units: ug/l

Processing Integration Results



RT: 3.48
Area: 560032
Amount: 490.5739
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:24:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Oct-2022 15:20:30 ALS Bottle#: 39 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0152213-021
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:37:19 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: KG2Q

Date: 26-Oct-2022 06:22:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.864	0.006	40	1516	1.00	1.08	
6 Chlorodifluoromethane	51	0.894	0.882	0.012	54	6404	1.00	1.09	M
5 Dichlorodifluoromethane	85	0.912	0.888	0.024	14	3617	1.00	0.9192	M
7 Chloromethane	52	0.985	0.991	-0.006	96	2055	1.00	1.39	M
9 Butadiene	54	1.040	1.040	0.000	87	2640	1.00	0.9304	
8 Vinyl chloride	62	1.046	1.046	0.000	80	3251	1.00	1.05	
10 Bromomethane	94	1.217	1.210	0.006	89	2867	1.00	1.18	
11 Chloroethane	64	1.247	1.241	0.006	76	1988	1.00	1.10	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	57	5785	1.00	1.16	
14 Pentane	72	1.393	1.381	0.012	97	779	2.00	2.02	M
13 Trichlorofluoromethane	101	1.393	1.393	0.000	41	3874	1.00	0.9689	M
16 Ethyl ether	74	1.496	1.490	0.006	77	1241	1.00	0.9012	
17 2-Methyl-1,3-butadiene	53	1.515	1.508	0.007	86	2621	1.00	1.13	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.521	1.527	-0.006	79	2619	1.00	1.07	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.563	-0.006	35	4649	1.00	1.13	a
20 Acrolein	56	1.569	1.563	0.006	40	1706	4.00	4.42	
22 1,1-Dichloroethene	96	1.624	1.630	-0.006	93	2525	1.00	1.01	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.667	1.660	0.007	91	2891	1.00	1.01	M
23 Acetone	58	1.655	1.660	-0.005	84	1355	5.00	6.47	
24 Iodomethane	142	1.715	1.715	0.000	99	5160	1.00	1.06	
25 Isopropyl alcohol	45	1.740	1.746	-0.006	26	1010	10.0	10.4	M
26 Carbon disulfide	76	1.758	1.752	0.006	99	10011	1.00	1.07	
27 3-Chloro-1-propene	76	1.831	1.825	0.006	70	2431	1.00	1.22	
28 Methyl acetate	74	1.831	1.843	-0.012	36	829	2.00	2.08	
30 Acetonitrile	41	1.874	1.861	0.013	19	1156	10.0	9.78	M
29 Cyclopentene	67	1.874	1.873	0.001	90	5829	1.00	0.9776	
32 Methylene Chloride	84	1.910	1.898	0.012	58	3324	1.00	1.10	
* 31 TBA-d9 (IS)	46	1.940	1.934	0.006	78	50753	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.971	1.983	-0.012	31	2469	10.0	12.2	M
36 Acrylonitrile	53	2.050	2.044	0.006	99	10387	10.0	11.4	

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	2.074	2.062	0.012	91	2990	1.00	1.08	
34 Methyl tert-butyl ether	73	2.093	2.086	0.007	94	7835	1.00	1.04	
37 Hexane	56	2.239	2.232	0.007	66	1566	1.00	1.20	
39 1,1-Dichloroethane	63	2.336	2.330	0.006	53	5179	1.00	1.08	a
40 Vinyl acetate	86	2.366	2.360	0.006	99	1156	2.00	2.34	
38 Isopropyl ether	45	2.378	2.391	-0.013	85	8271	1.00	1.05	
41 2-Chloro-1,3-butadiene	88	2.391	2.391	0.000	63	2573	1.00	1.03	
42 Tert-butyl ethyl ether	59	2.640	2.640	0.000	66	6640	1.00	0.8742	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	96	210209	250.0	250.0	
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	78	3458	1.00	1.13	
44 2,2-Dichloropropane	79	2.725	2.725	0.000	53	1803	1.00	1.33	Ma
46 2-Butanone (MEK)	72	2.737	2.737	0.000	48	1548	5.00	5.58	a
47 Ethyl acetate	70	2.780	2.780	0.000	84	688	2.00	2.61	
49 Propionitrile	54	2.786	2.780	0.006	69	3386	10.0	10.4	
48 Methyl acrylate	55	2.798	2.810	-0.012	52	3066	1.00	1.08	M
52 Methacrylonitrile	67	2.889	2.889	0.000	90	10508	10.0	9.78	
51 Chlorobromomethane	128	2.902	2.889	0.013	53	1581	1.00	1.06	
50 Tetrahydrofuran	72	2.975	2.938	0.037	41	818	2.00	2.42	a
53 Chloroform	83	2.962	2.956	0.006	99	5139	1.00	1.10	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	96	102108	50.0	48.0	
55 1,1,1-Trichloroethane	97	3.102	3.102	0.000	96	3993	1.00	1.03	
54 Cyclohexane	84	3.157	3.151	0.006	65	3685	1.00	0.9839	
58 1,1-Dichloropropene	75	3.218	3.218	0.000	96	3628	1.00	1.02	
57 Carbon tetrachloride	117	3.224	3.218	0.006	83	3407	1.00	1.05	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.333	0.001	82	106679	50.0	46.7	
59 Isobutyl alcohol	43	3.352	3.346	0.006	28	2141	25.0	28.0	a
61 Benzene	78	3.376	3.382	-0.006	92	11892	1.00	1.13	
65 1,2-Dichloroethane	62	3.394	3.394	0.000	52	4224	1.00	1.21	
60 Isooctane	57	3.449	3.461	-0.012	88	5246	1.00	1.06	
64 Isopropyl acetate	61	3.474	3.473	0.001	95	721	1.00	0.8096	
63 Tert-amyl methyl ether	73	3.504	3.498	0.006	91	7303	1.00	0.9735	
* 67 Fluorobenzene	96	3.613	3.613	0.000	99	453604	50.0	50.0	
66 n-Heptane	71	3.613	3.619	-0.006	36	5659	1.00	5.17	
68 n-Butanol	56	3.936	3.911	0.025	33	857	25.0	20.3	a
69 Trichloroethene	95	3.918	3.924	-0.006	94	2761	1.00	1.04	
70 Ethyl acrylate	99	4.064	4.057	0.007	1	141	1.00	0.5809	Ma
71 Methylcyclohexane	83	4.100	4.100	0.000	87	3467	1.00	1.01	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	89	2797	1.00	1.04	
* 73 1,4-Dioxane-d8	96	4.234	4.222	0.012	77	18555	1000.0	1000.0	
76 Dibromomethane	93	4.222	4.228	-0.006	44	1948	1.00	1.13	a
74 Methyl methacrylate	100	4.264	4.264	0.000	85	963	2.00	1.55	
75 1,4-Dioxane	88	4.277	4.283	-0.006	34	1305	50.0	60.0	
77 n-Propyl acetate	43	4.343	4.337	0.006	79	3281	1.00	1.05	
78 Dichlorobromomethane	83	4.392	4.386	0.006	93	3098	1.00	0.9564	
79 2-Nitropropane	41	4.611	4.611	0.000	50	944	2.00	2.41	
80 2-Chloroethyl vinyl ether	63	4.702	4.708	-0.006	44	1676	1.00	0.9522	
81 Epichlorohydrin	57	4.751	4.751	0.000	97	3993	20.0	17.4	
82 cis-1,3-Dichloropropene	75	4.836	4.830	0.006	91	3774	1.00	0.9348	
83 4-Methyl-2-pentanone (MIBK)	43	5.025	5.019	0.006	94	9318	5.00	4.53	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	368668	50.0	46.7	
85 Toluene	91	5.171	5.165	0.006	92	11315	1.00	1.07	
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	93	3161	1.00	0.9051	

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	5.572	5.566	0.006	80	2581	1.00	0.8683	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	96	2029	1.00	1.05	
89 Tetrachloroethene	166	5.743	5.749	-0.006	92	2405	1.00	1.03	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	93	3839	1.00	1.01	
91 2-Hexanone	58	5.937	5.931	0.006	93	3242	5.00	4.06	
93 Chlorodibromomethane	129	6.029	6.035	-0.006	94	2373	1.00	1.02	
92 n-Butyl acetate	43	6.114	6.114	0.000	95	2728	1.00	0.8477	
94 Ethylene Dibromide	107	6.132	6.138	-0.006	67	2447	1.00	1.02	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	331644	50.0	50.0	
96 Chlorobenzene	112	6.734	6.734	0.000	94	7435	1.00	1.06	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	91	2487	1.00	1.04	
97 Ethylbenzene	106	6.899	6.892	0.007	97	3658	1.00	1.03	
99 m-Xylene & p-Xylene	106	7.045	7.044	0.001	96	4445	1.00	1.01	
100 o-Xylene	106	7.525	7.525	0.000	87	3834	1.00	0.8792	M
102 Styrene	104	7.550	7.549	0.001	93	5776	1.00	0.8286	
101 n-Butyl acrylate	73	7.592	7.586	0.006	94	1394	1.00	0.7615	
104 Bromoform	173	7.744	7.744	0.000	93	1372	1.00	0.9375	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	88	2994	1.00	0.8000	
105 Isopropylbenzene	105	8.018	8.024	-0.006	96	9198	1.00	0.9017	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	90	114663	50.0	45.6	
107 Bromobenzene	156	8.346	8.346	0.000	98	3050	1.00	1.04	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	96	3332	1.00	1.05	
110 1,2,3-Trichloropropane	110	8.462	8.456	0.006	93	1062	1.00	1.19	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.517	-0.006	79	650	1.00	0.8330	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	10790	1.00	0.9255	
112 2-Chlorotoluene	91	8.632	8.626	0.006	95	7707	1.00	1.00	
113 4-Ethyltoluene	105	8.718	8.724	-0.006	99	8884	1.00	0.9003	
115 4-Chlorotoluene	91	8.784	8.778	0.006	97	8508	1.00	0.9624	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	92	8041	1.00	0.9489	
116 Butyl Methacrylate	87	9.034	9.034	0.000	89	2269	1.00	0.7530	
117 tert-Butylbenzene	119	9.223	9.228	-0.006	95	5566	1.00	0.8617	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	7981	1.00	0.8938	
119 sec-Butylbenzene	105	9.490	9.496	-0.006	98	7996	1.00	0.8829	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	96	5637	1.00	1.07	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	188988	50.0	50.0	
121 4-Isopropyltoluene	119	9.673	9.679	-0.006	96	7431	1.00	0.9204	
123 1,4-Dichlorobenzene	146	9.673	9.679	-0.006	92	6367	1.00	1.12	
124 1,2,3-Trimethylbenzene	105	9.758	9.758	0.000	99	9260	1.00	0.9552	
125 Benzyl chloride	126	9.849	9.849	0.000	97	821	1.00	0.8035	M
126 2,3-Dihydroindene	117	9.946	9.946	0.000	90	9023	1.00	0.9387	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	94	5276	1.00	1.03	
127 p-Diethylbenzene	119	10.092	10.092	0.000	92	3949	1.00	0.8816	
128 n-Butylbenzene	92	10.111	10.111	0.000	95	3535	1.00	0.9178	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	25	500	1.00	1.07	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	98	6177	1.00	0.8692	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	90	3735	1.00	1.26	
133 1,2,4-Trichlorobenzene	180	11.498	11.504	-0.006	92	2869	1.00	1.30	
134 Hexachlorobutadiene	225	11.656	11.662	-0.006	90	1222	1.00	0.9788	
135 Naphthalene	128	11.680	11.686	-0.006	98	5483	1.00	1.18	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	93	2726	1.00	2.14	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.21	
S 138 Xylenes, Total	100				0		2.00	1.89	

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

5.00

5.13

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00499

Amount Added: 10.00

Units: uL

8260MIX1COMB_00161

Amount Added: 10.00

Units: uL

524freon_00058

Amount Added: 10.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

14DIOXINTER_00146

Amount Added: 30.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00233

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: STD1

Worklist Smp#: 21

Client ID:

Purge Vol: 5.000 mL

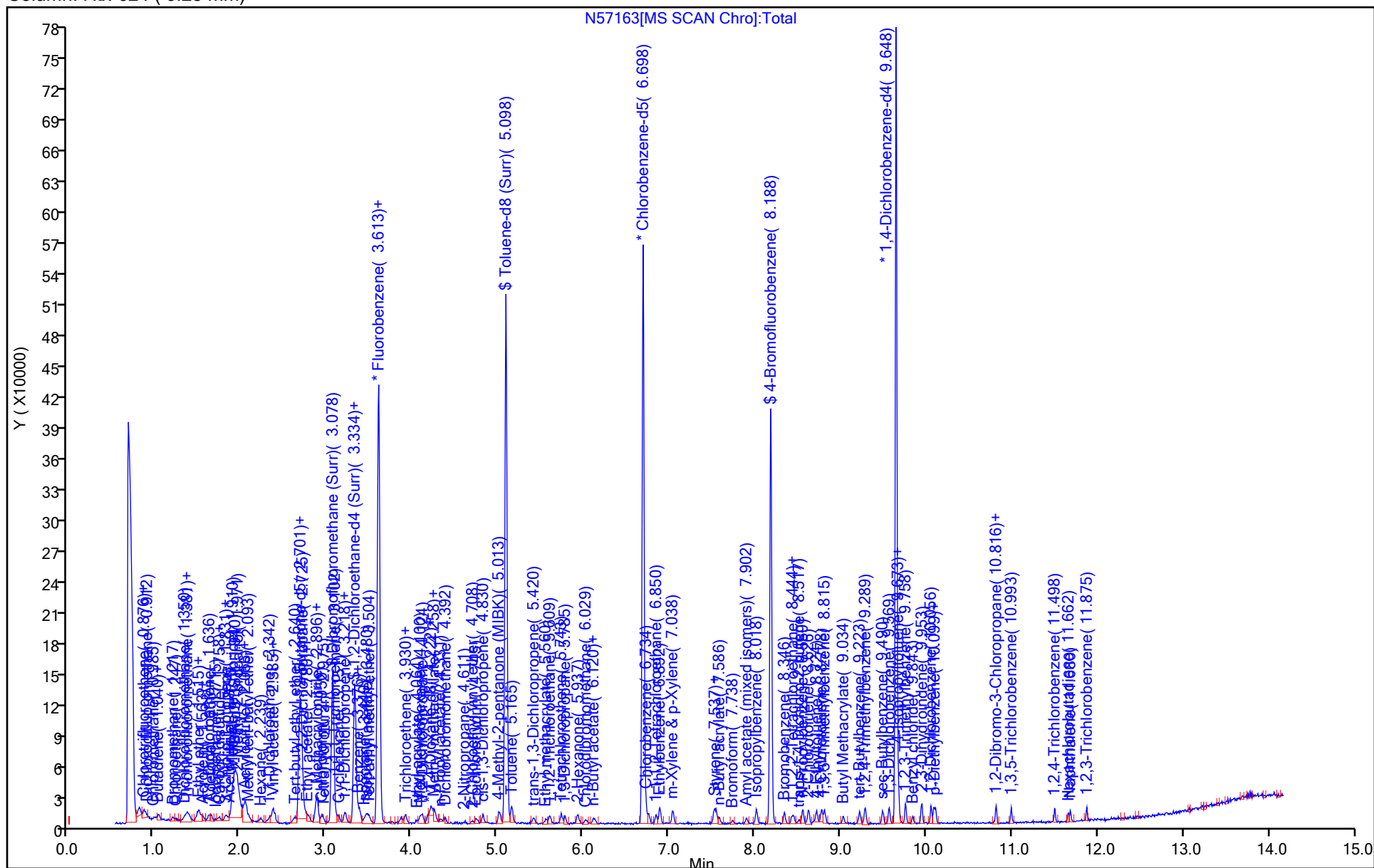
Dil. Factor: 1.0000

ALS Bottle#: 39

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

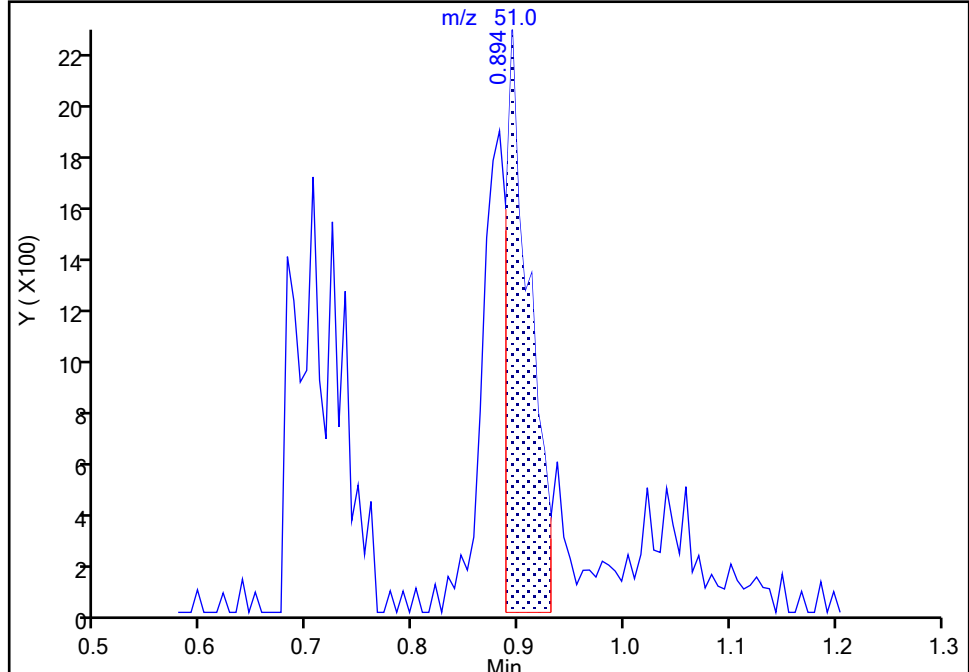
MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

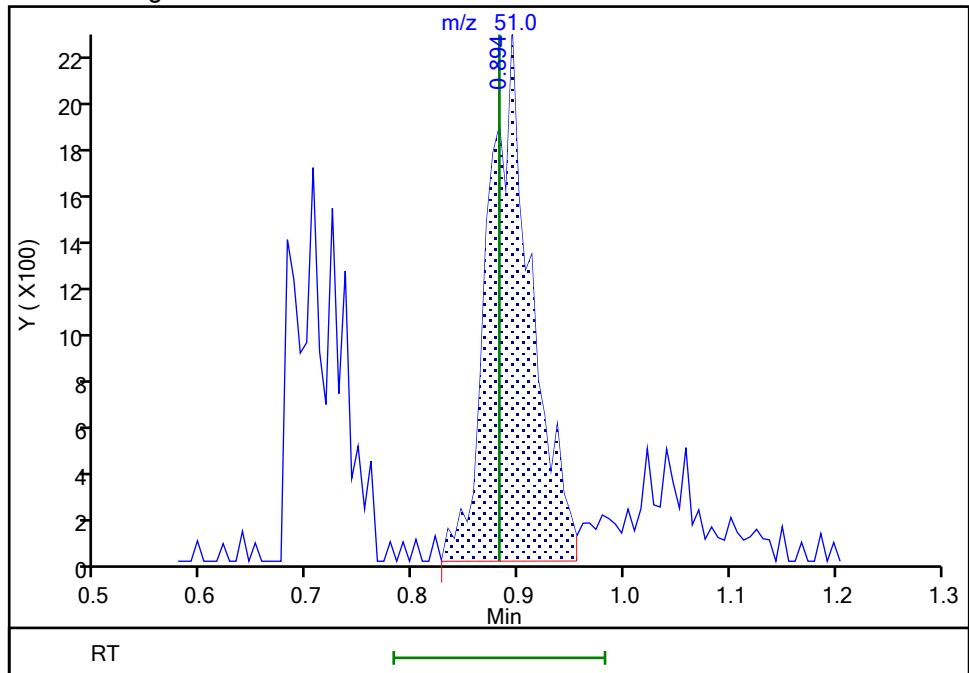
RT: 0.89
Area: 3525
Amount: 0.674567
Amount Units: ug/l

Processing Integration Results



RT: 0.89
Area: 6404
Amount: 1.087377
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:14:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

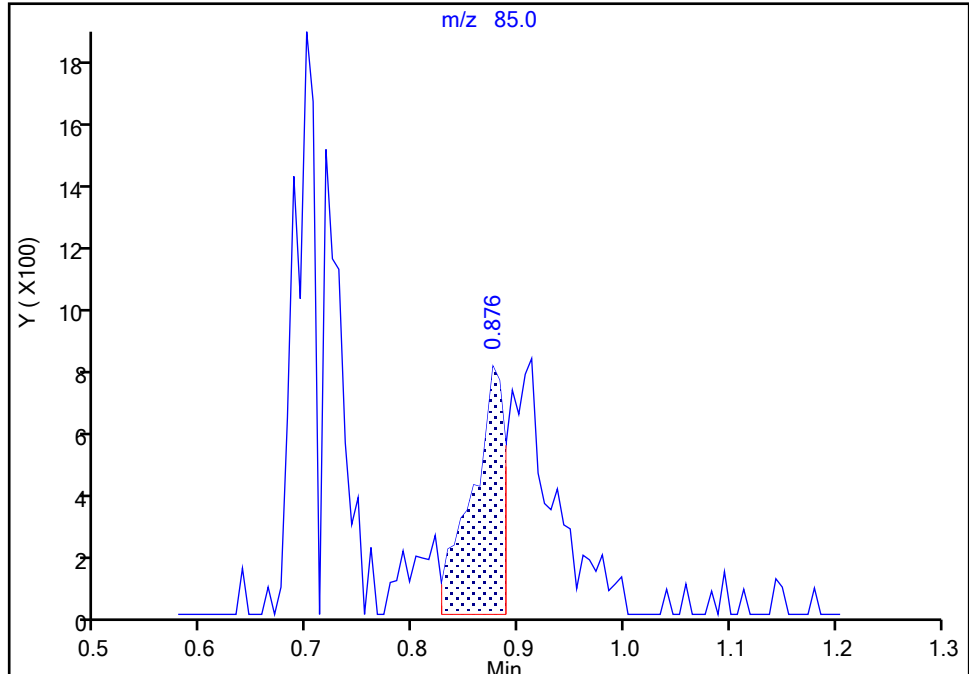
MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

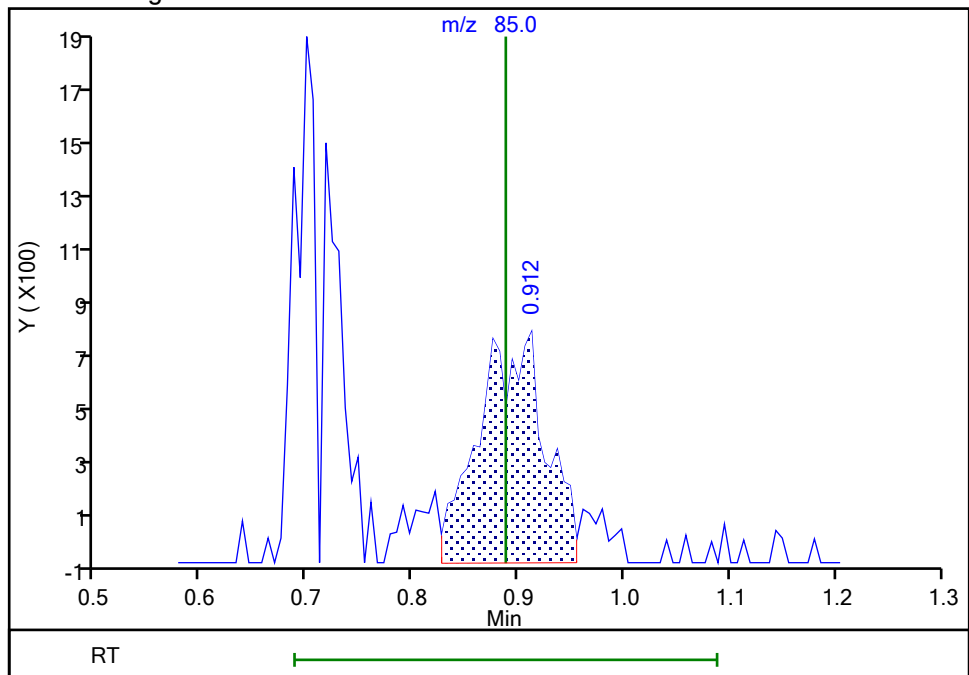
RT: 0.88
Area: 1720
Amount: 0.385685
Amount Units: ug/l

Processing Integration Results



RT: 0.91
Area: 3617
Amount: 0.919245
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:14:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

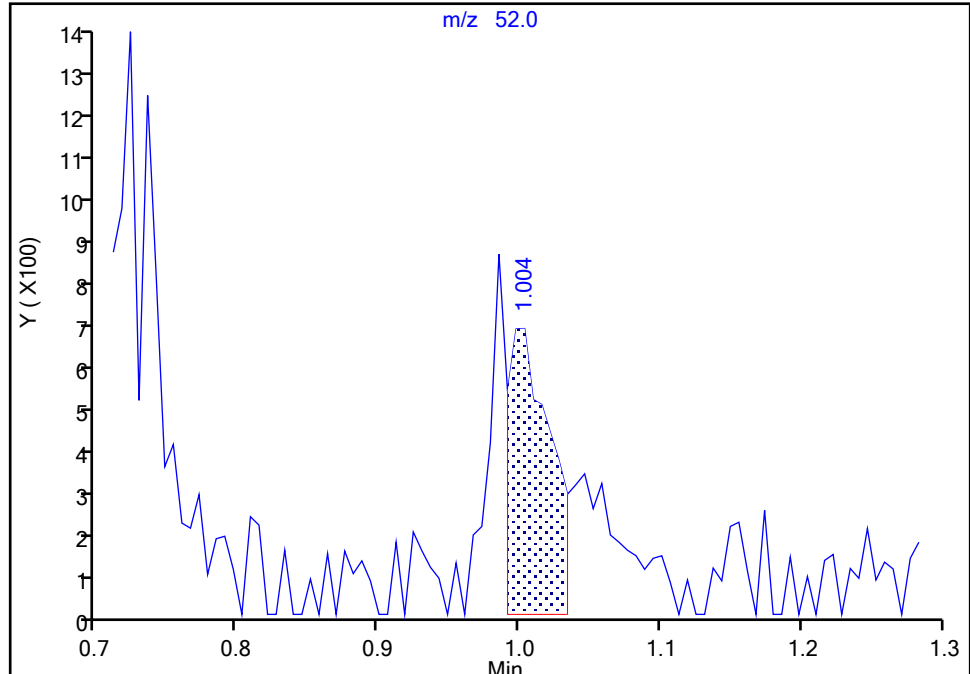
Detector: MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

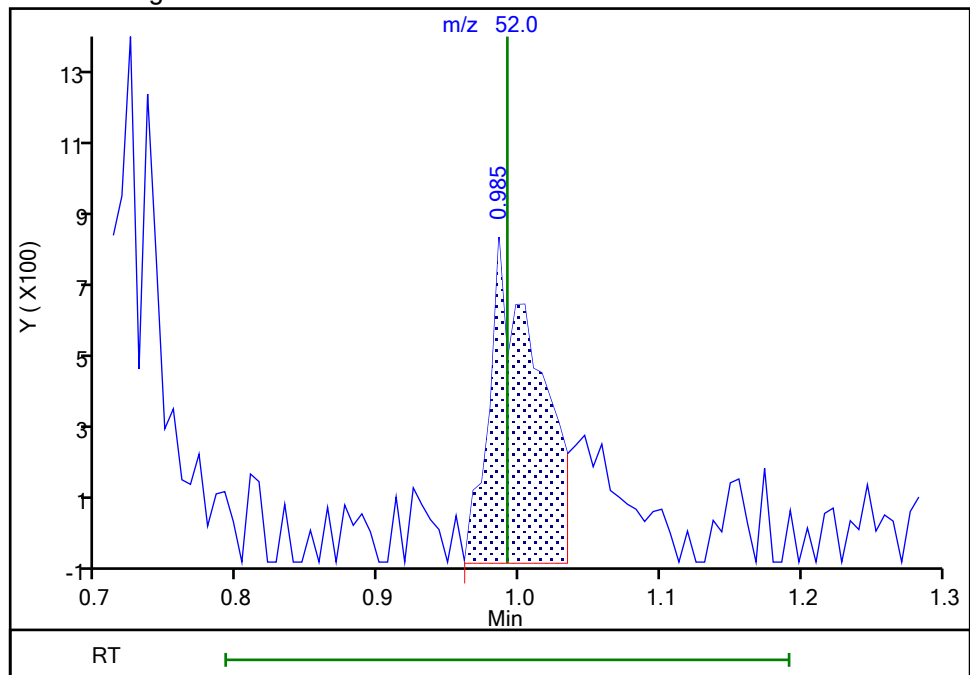
RT: 1.00
Area: 1440
Amount: 1.044158
Amount Units: ug/l

Processing Integration Results



RT: 0.99
Area: 2055
Amount: 1.387012
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:37:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

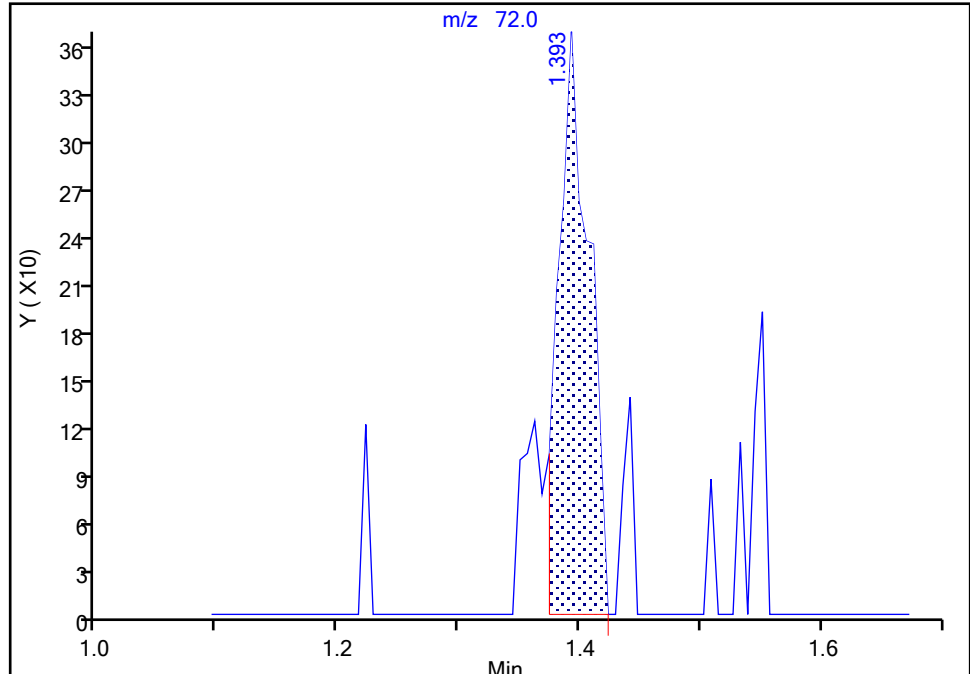
Detector: MS SCAN

14 Pentane, CAS: 109-66-0

Signal: 1

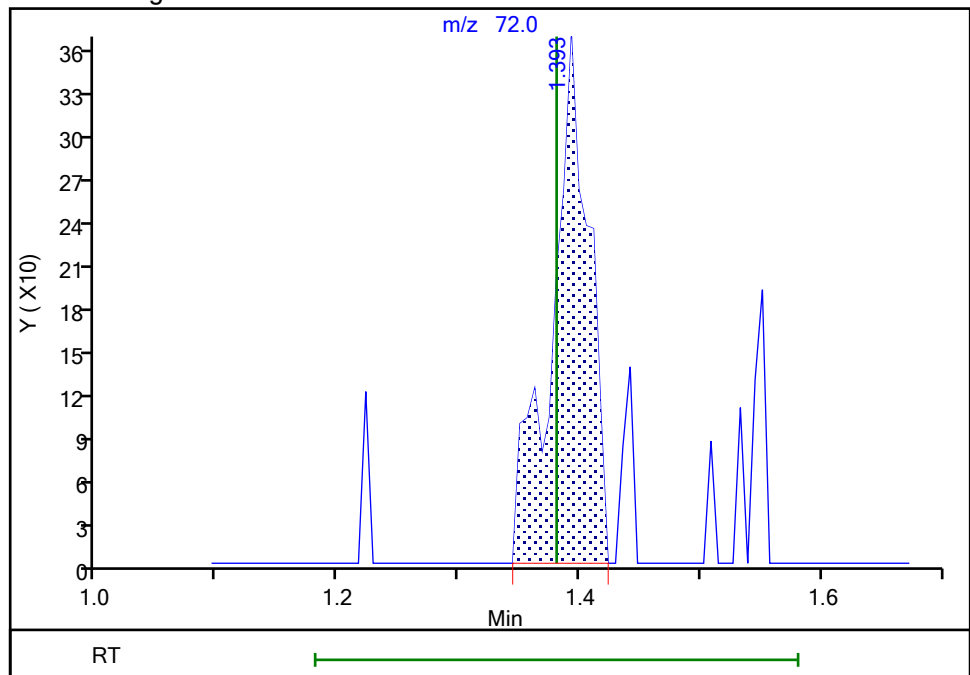
RT: 1.39
Area: 637
Amount: 1.712326
Amount Units: ug/l

Processing Integration Results



RT: 1.39
Area: 779
Amount: 2.016117
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:19:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

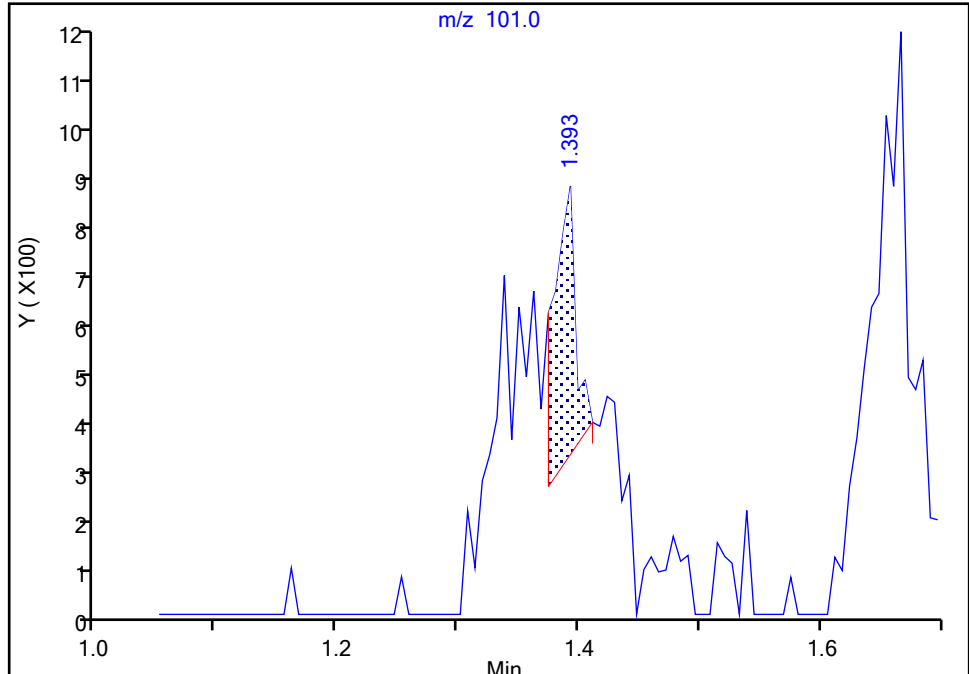
MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

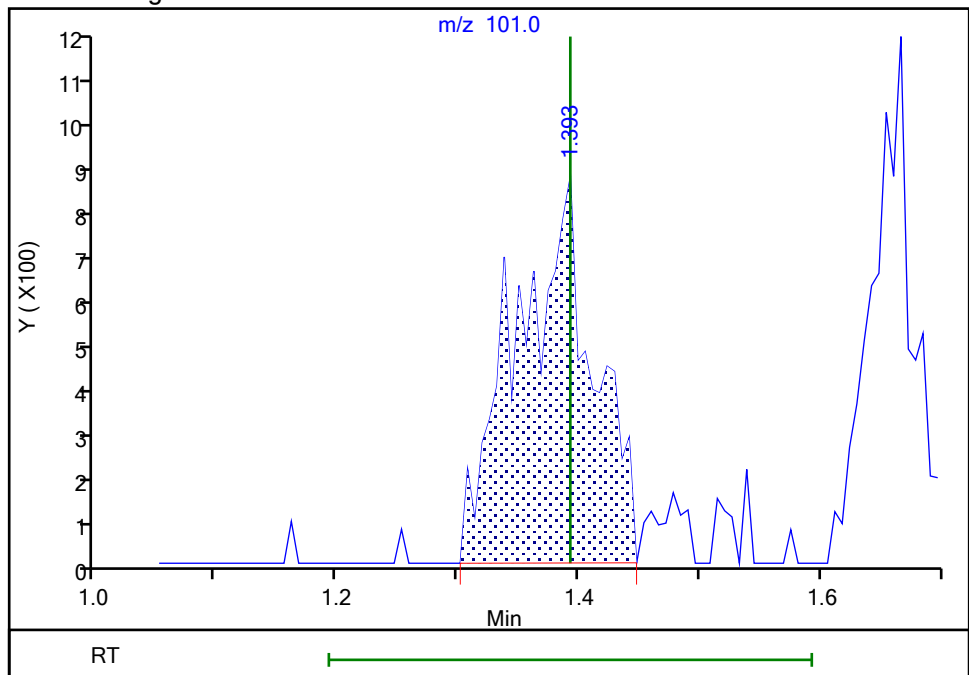
RT: 1.39
Area: 722
Amount: 0.169943
Amount Units: ug/l

Processing Integration Results



RT: 1.39
Area: 3874
Amount: 0.968948
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:15:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

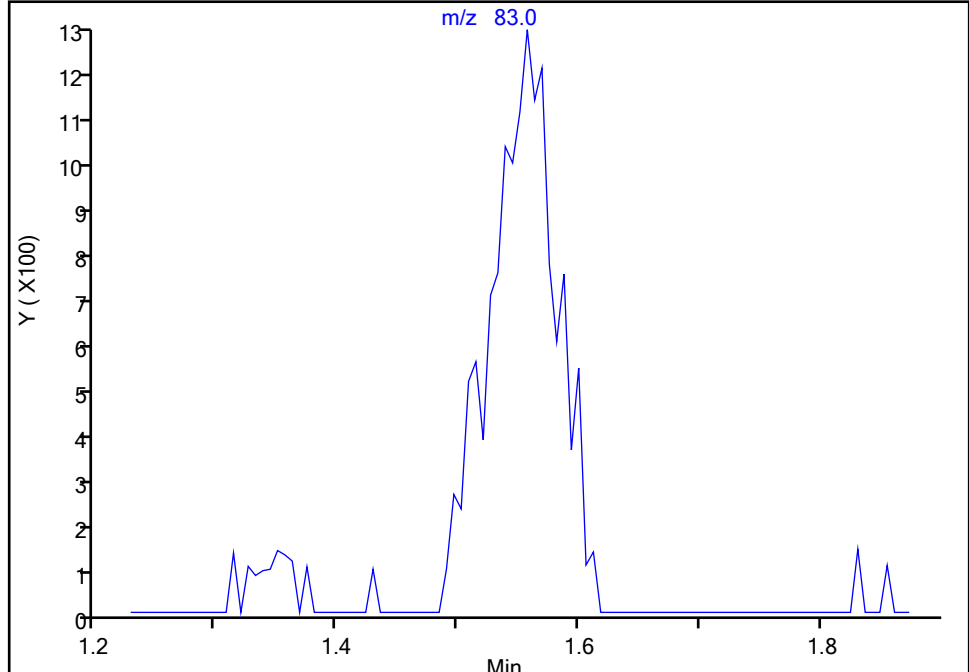
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 1.56

Processing Integration Results



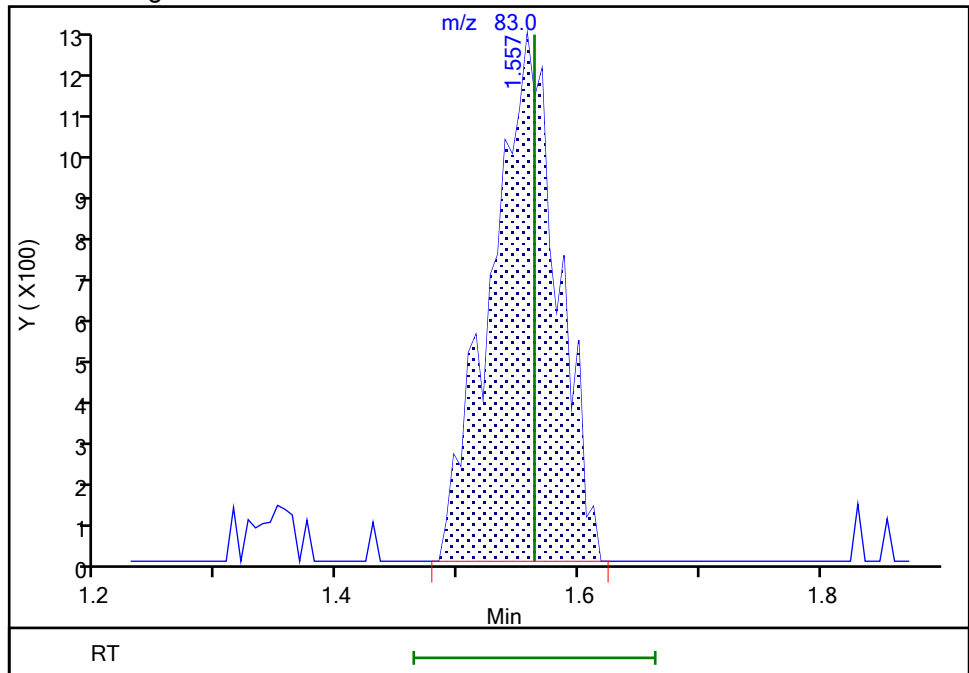
RT: 1.56

Area: 4649

Amount: 1.134773

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:37:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

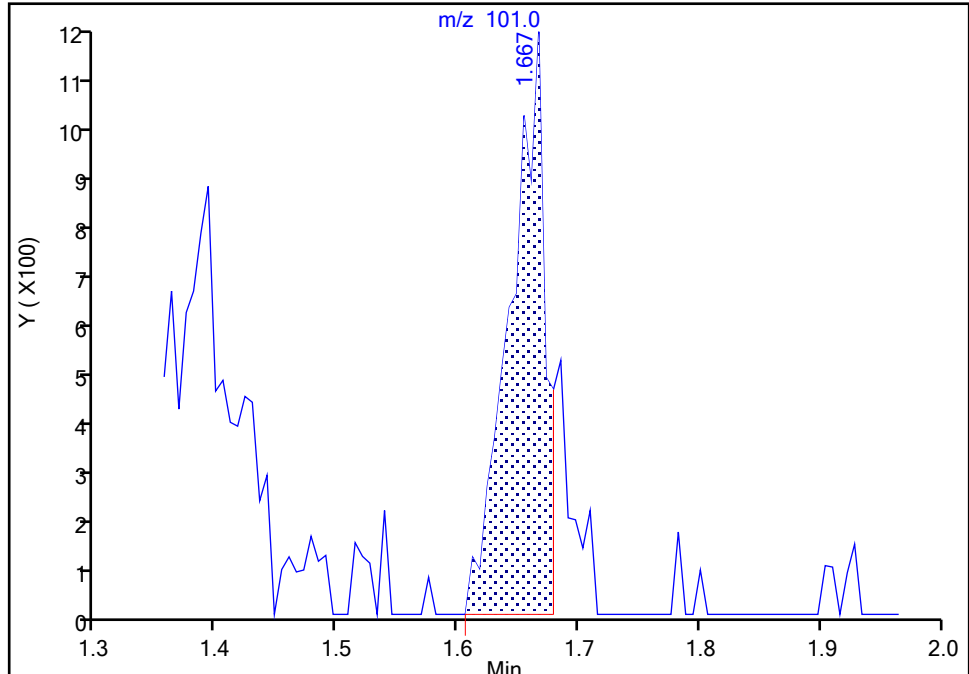
MS SCAN

21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

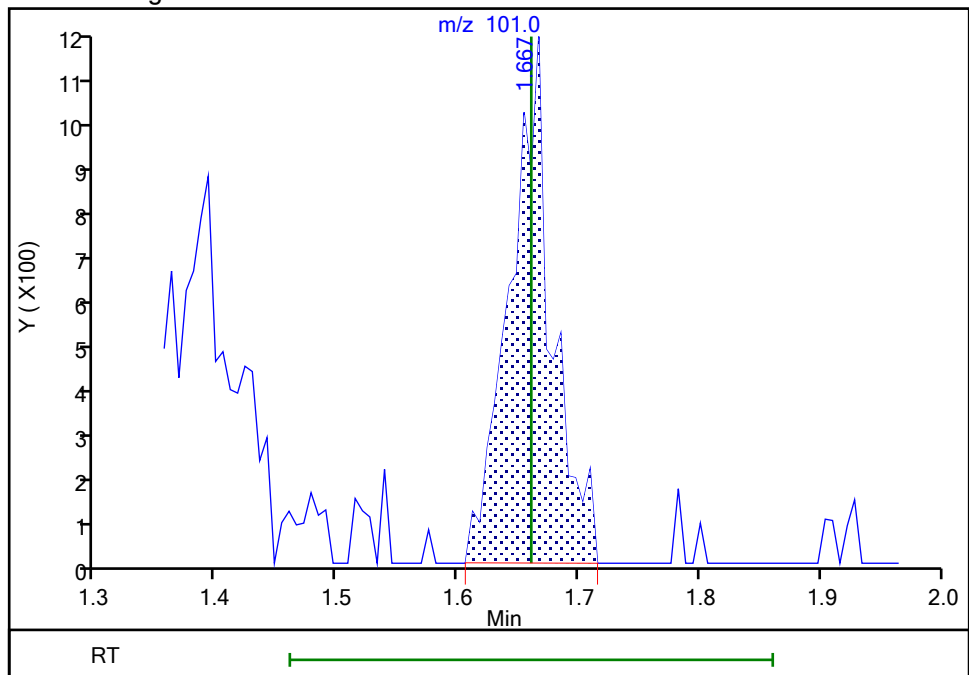
RT: 1.67
Area: 2434
Amount: 0.870488
Amount Units: ug/l

Processing Integration Results



RT: 1.67
Area: 2891
Amount: 1.006511
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:15:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

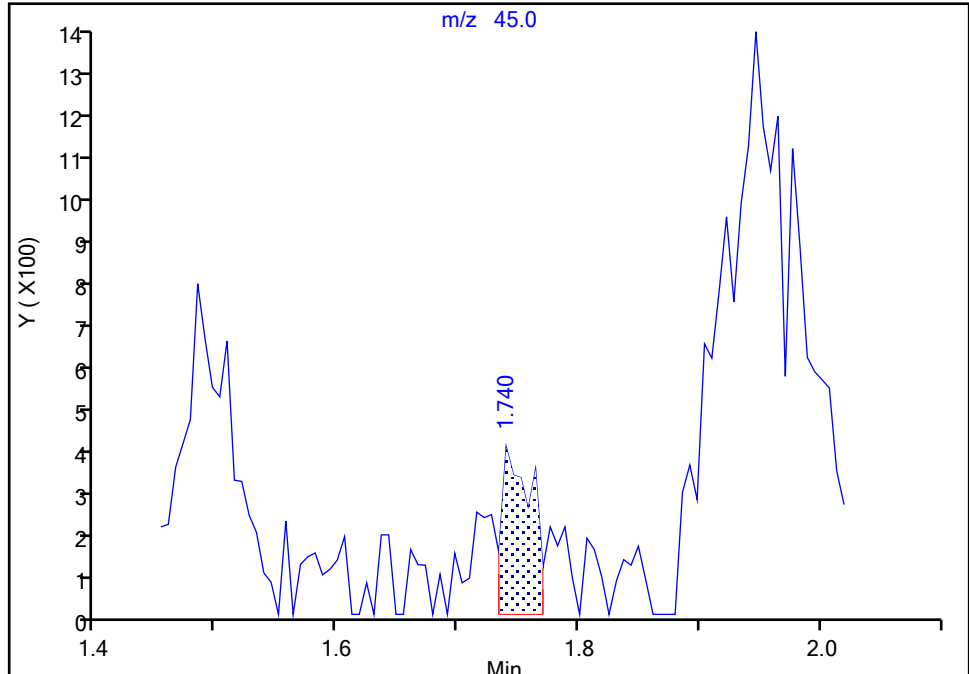
Detector: MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

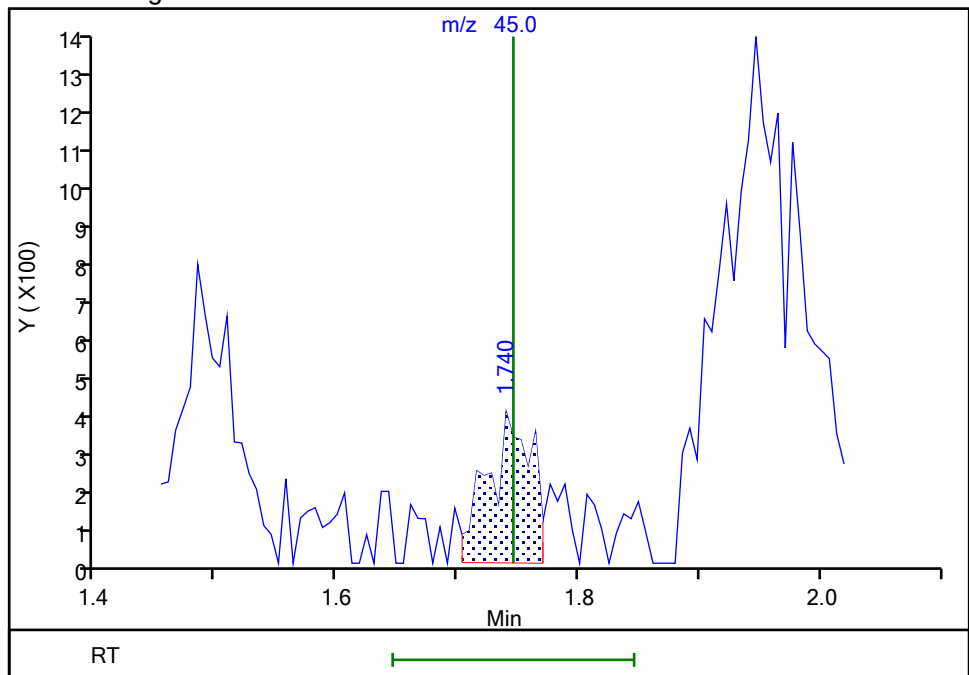
RT: 1.74
Area: 696
Amount: 7.481103
Amount Units: ug/l

Processing Integration Results



RT: 1.74
Area: 1010
Amount: 10.362953
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:15:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

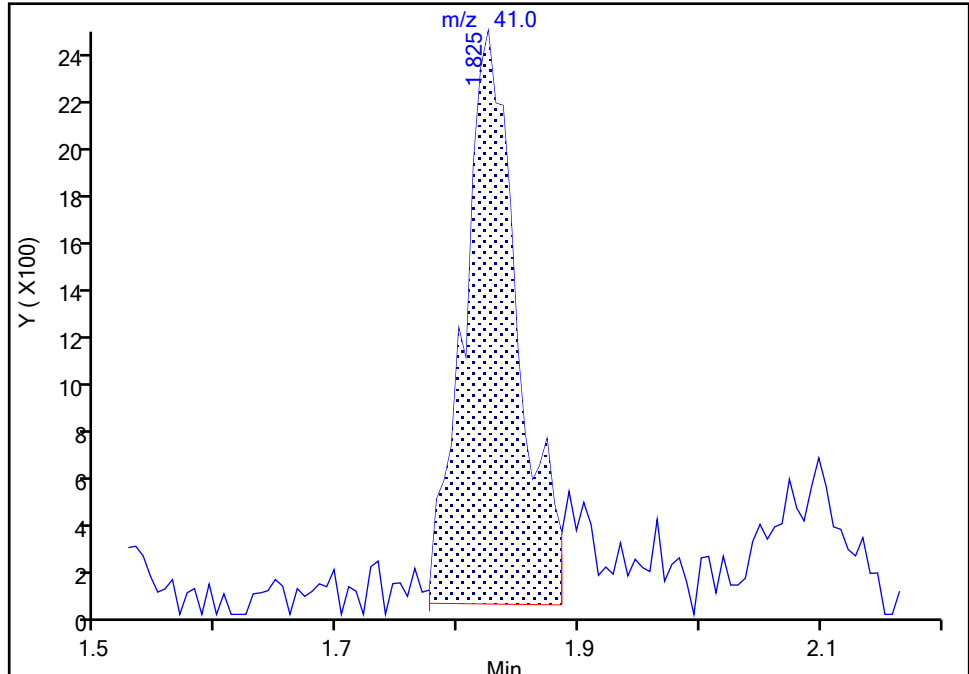
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

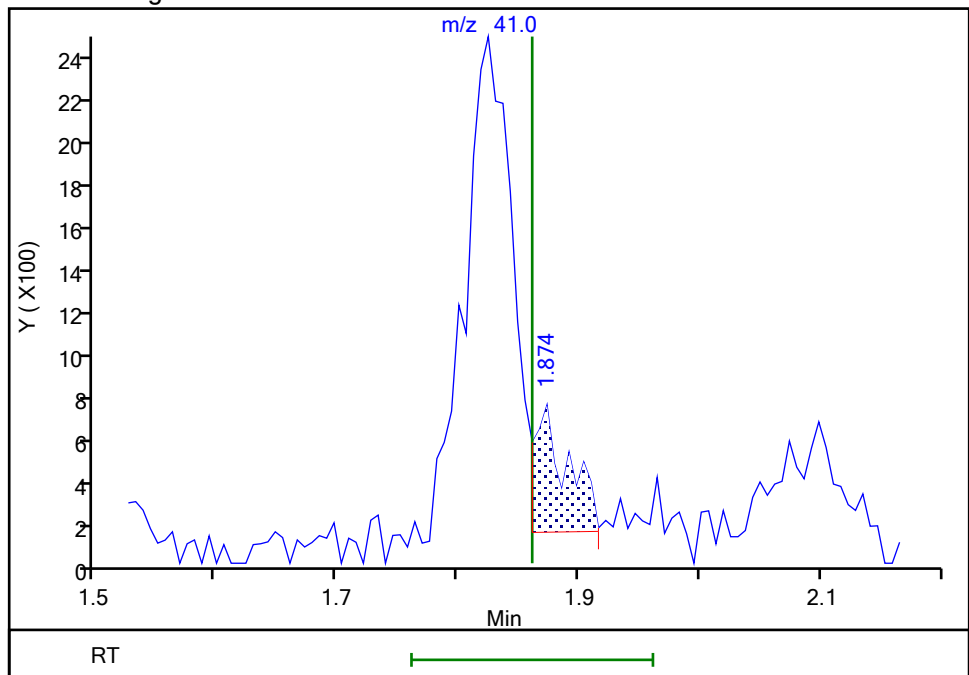
RT: 1.82
Area: 7548
Amount: 63.410740
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 1156
Amount: 9.779222
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:20:39

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

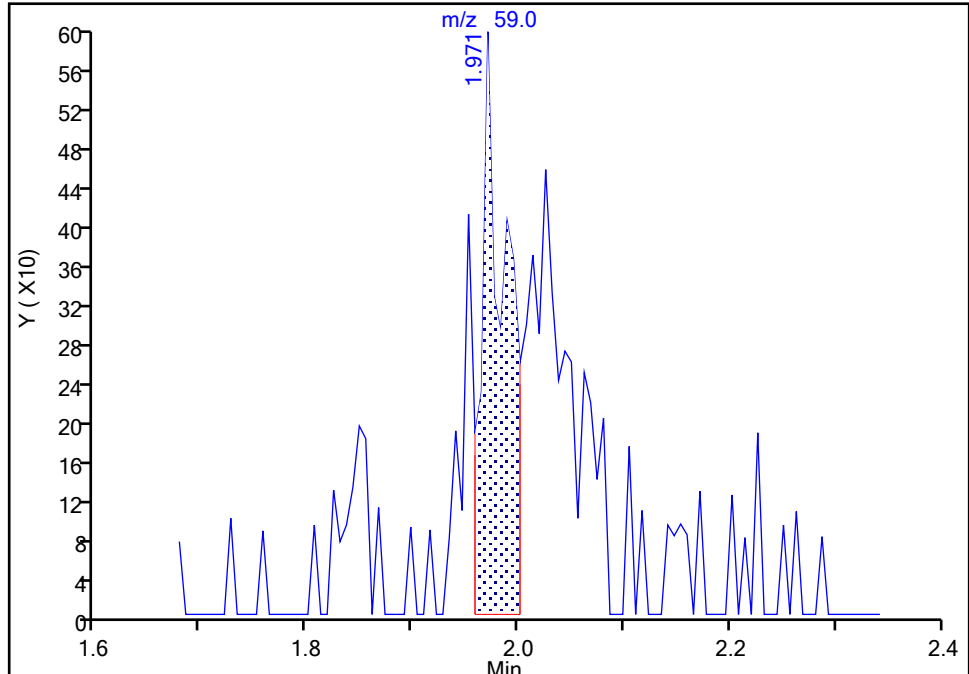
MS SCAN

33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

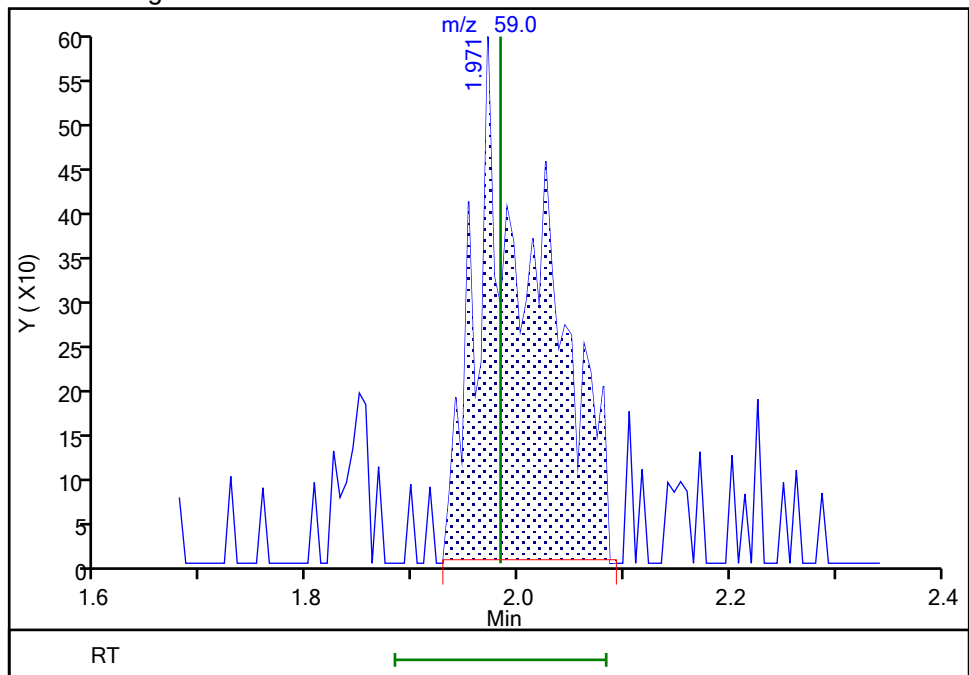
RT: 1.97
Area: 972
Amount: 4.676296
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 2469
Amount: 12.205801
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:38:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

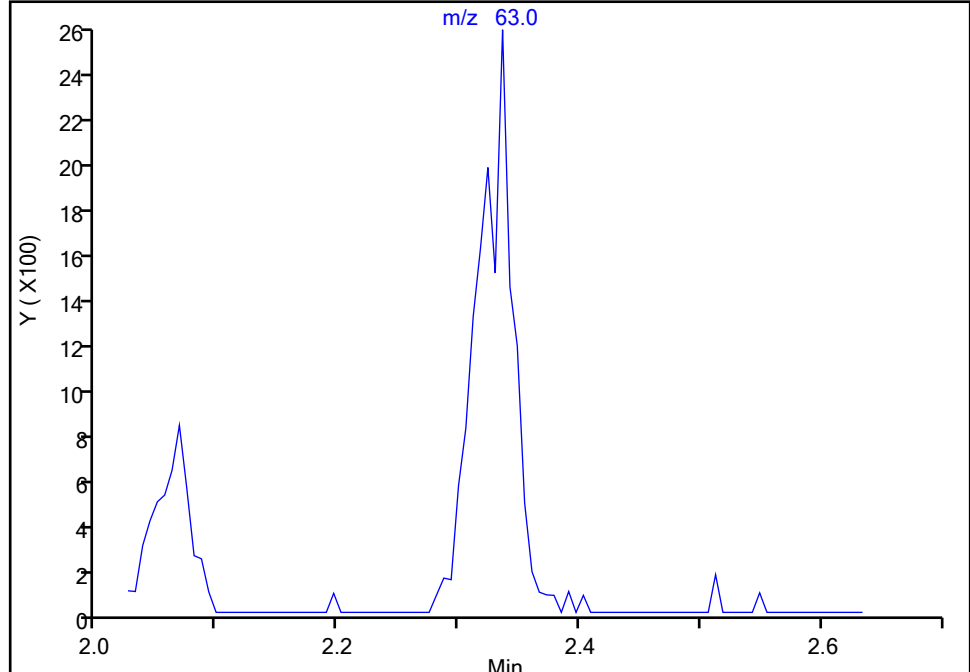
39 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

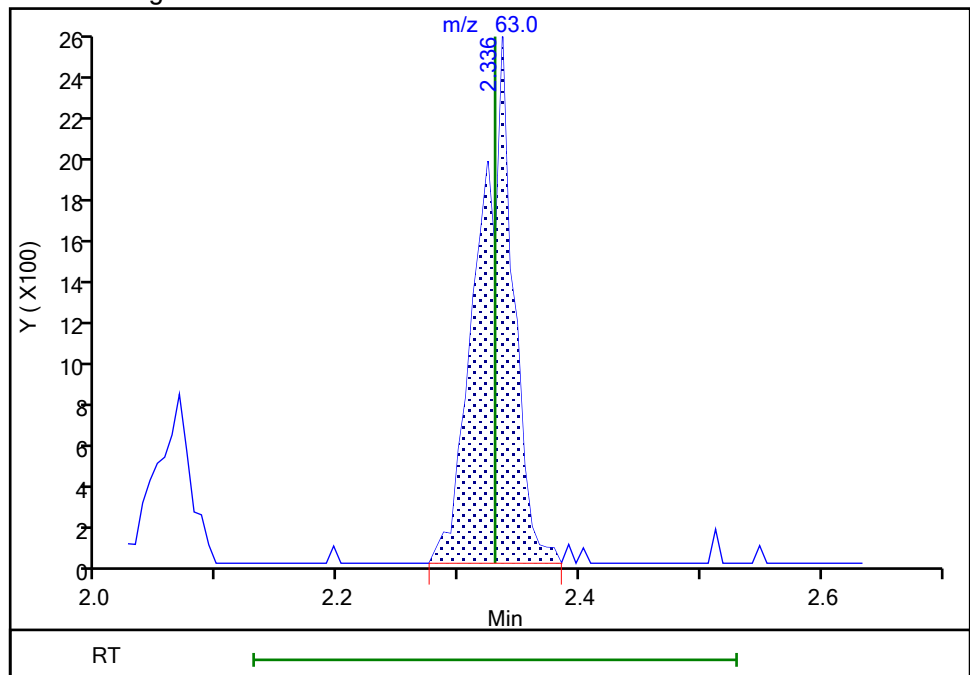
Not Detected

Expected RT: 2.33

Processing Integration Results



Manual Integration Results



RT: 2.34

Area: 5179

Amount: 1.075814

Amount Units: ug/l

Reviewer: KG2Q, 26-Oct-2022 07:38:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

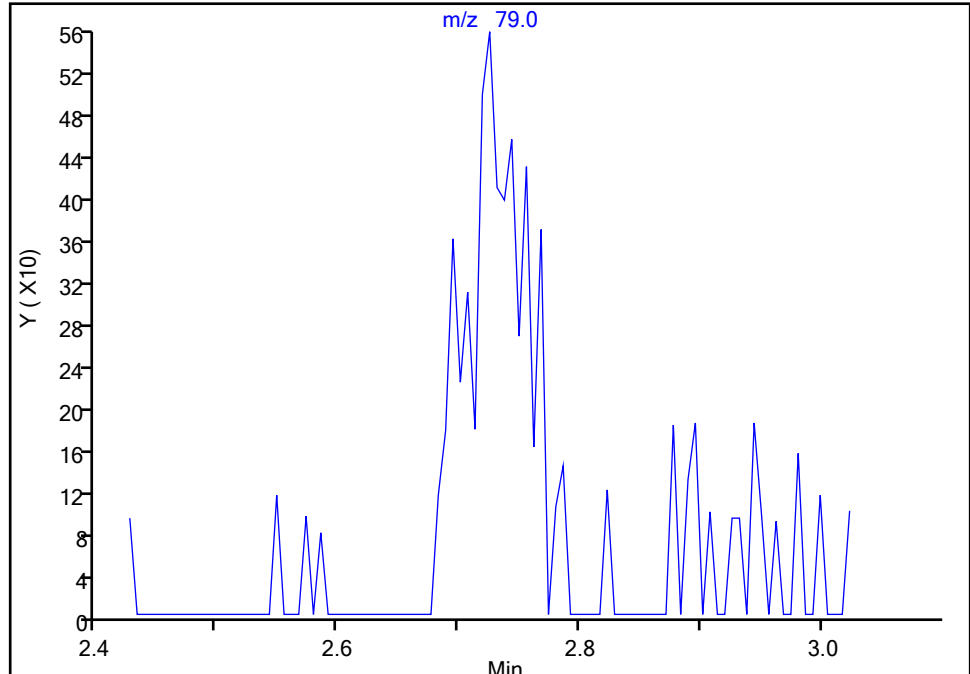
44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

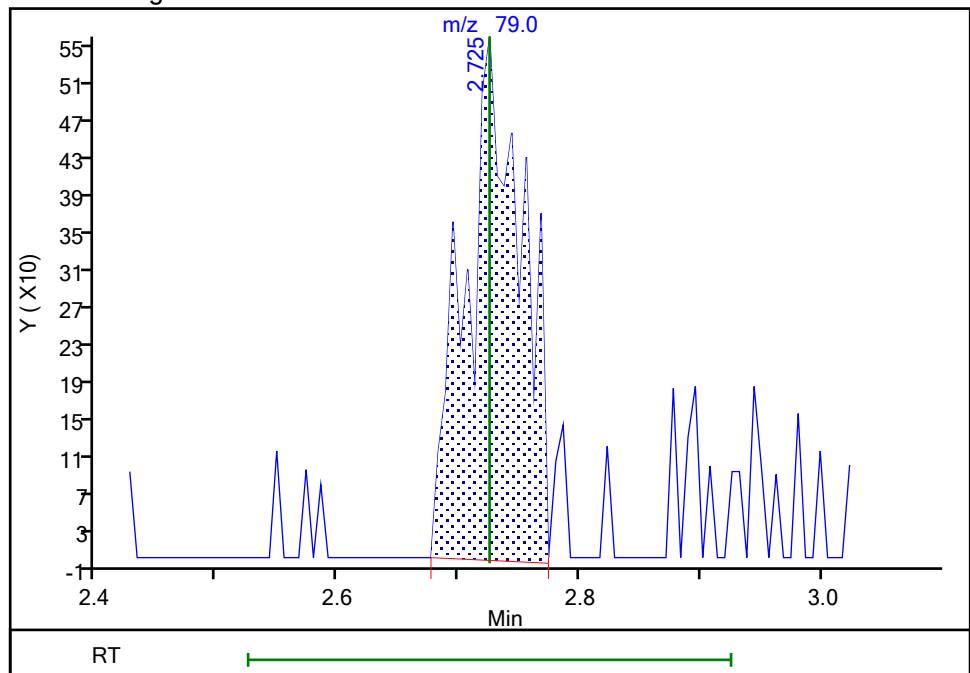
Not Detected

Expected RT: 2.73

Processing Integration Results



Manual Integration Results



RT: 2.73

Area: 1803

Amount: 1.330682

Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:16:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

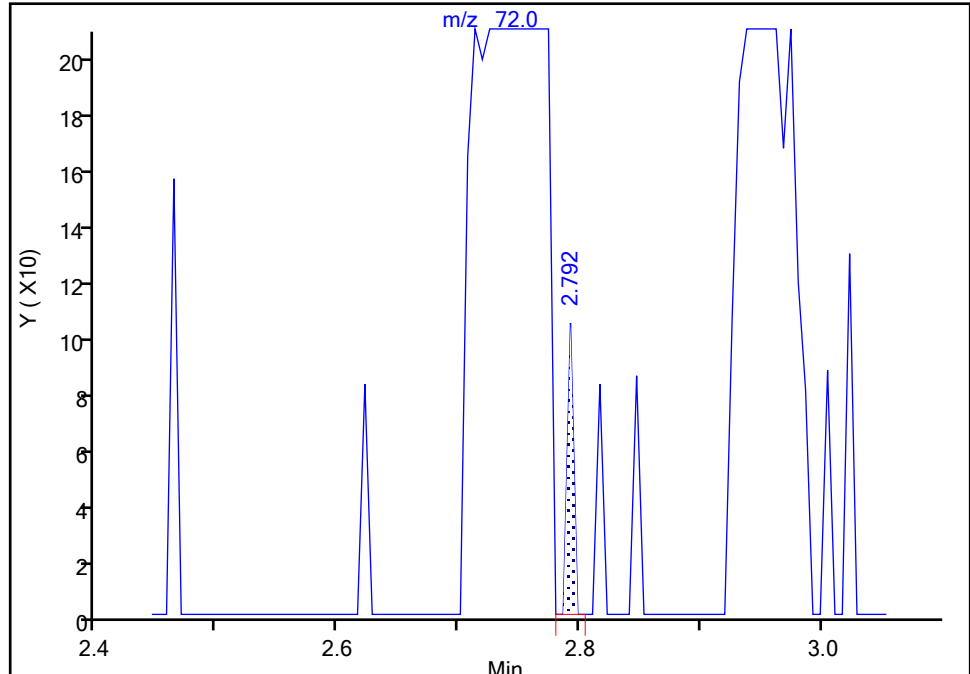
MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

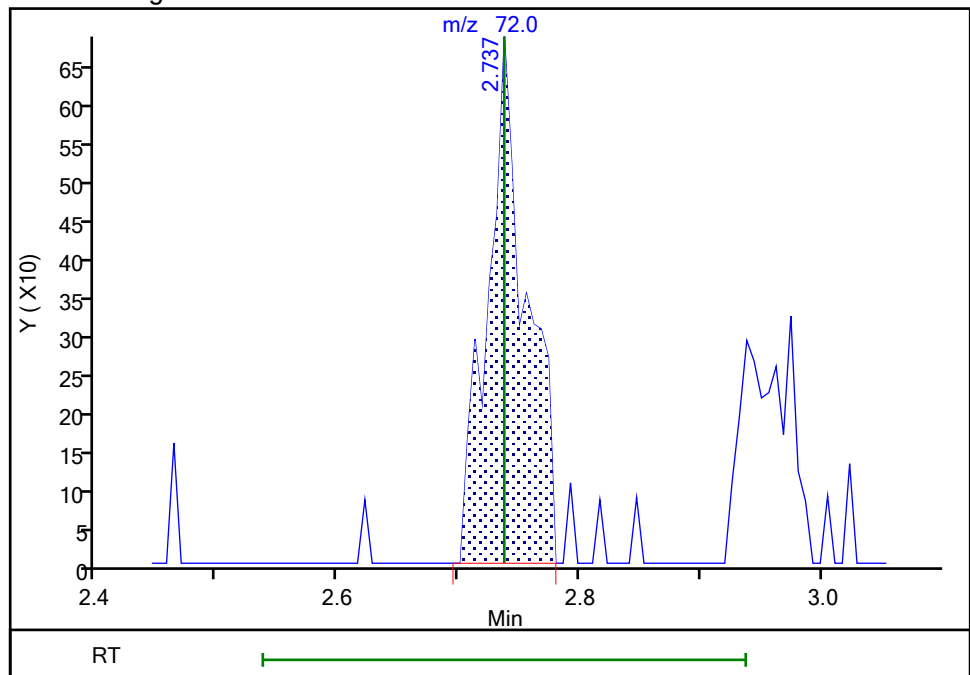
RT: 2.79
Area: 38
Amount: 0.146163
Amount Units: ug/l

Processing Integration Results



RT: 2.74
Area: 1548
Amount: 5.577061
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:38:45

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

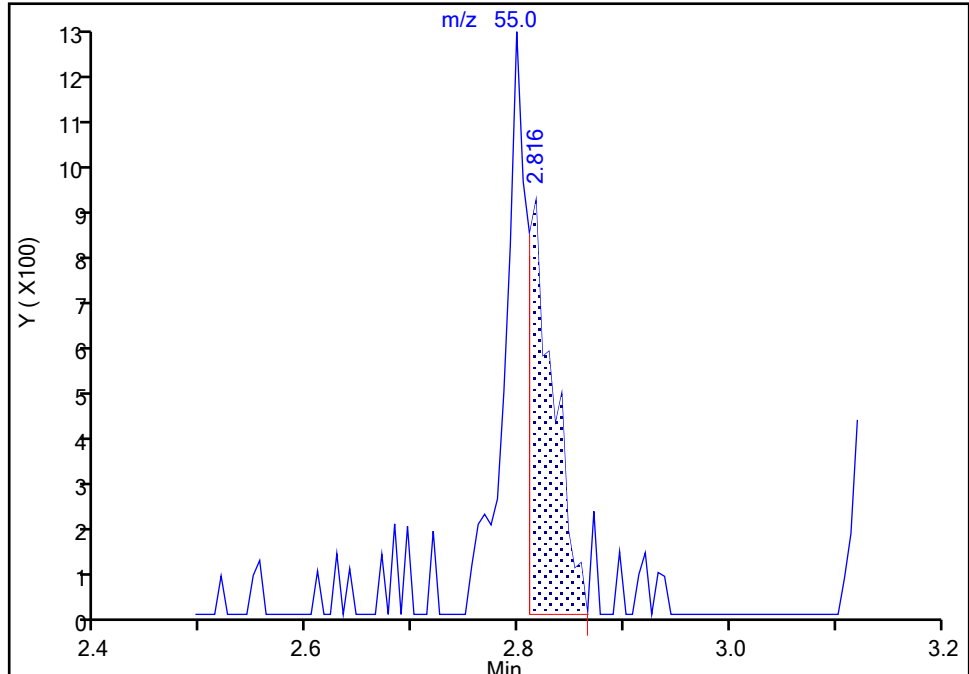
Detector: MS SCAN

48 Methyl acrylate, CAS: 96-33-3

Signal: 1

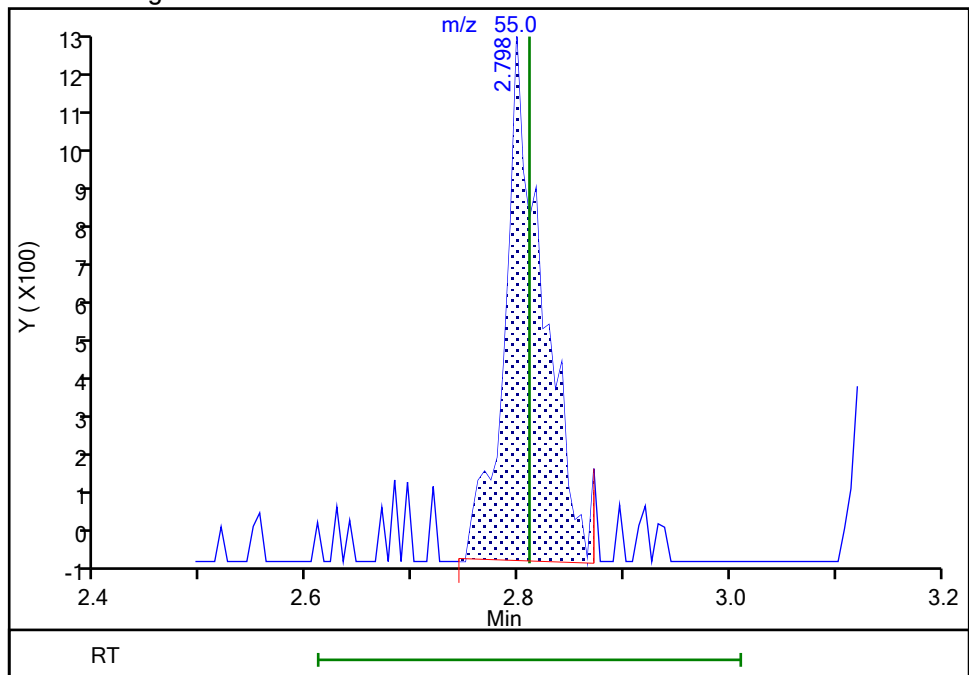
RT: 2.82
Area: 1445
Amount: 0.510522
Amount Units: ug/l

Processing Integration Results



RT: 2.80
Area: 3066
Amount: 1.082733
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:38:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

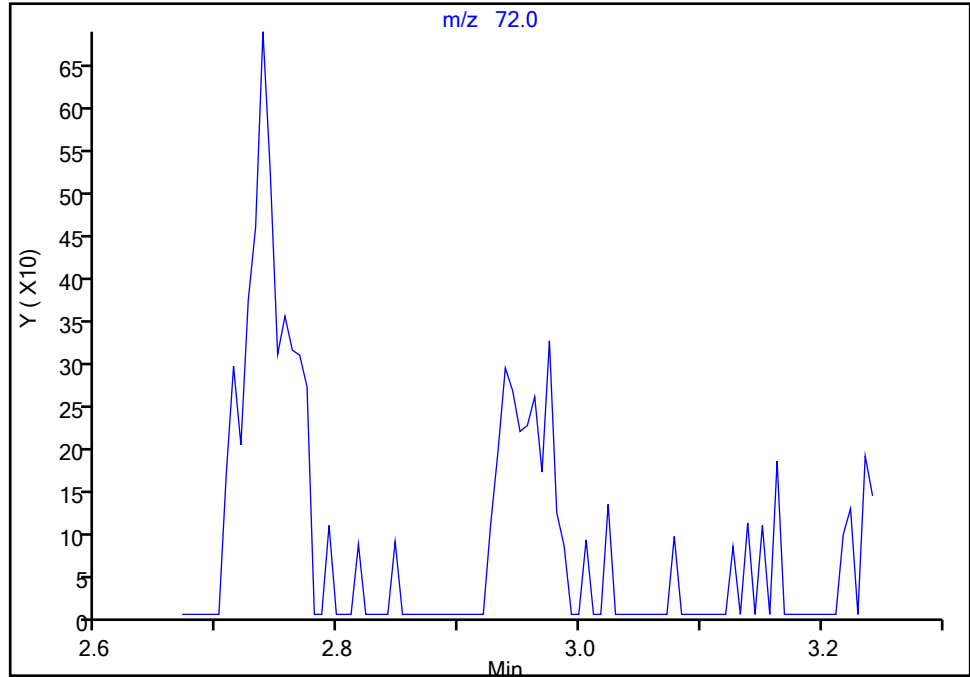
50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

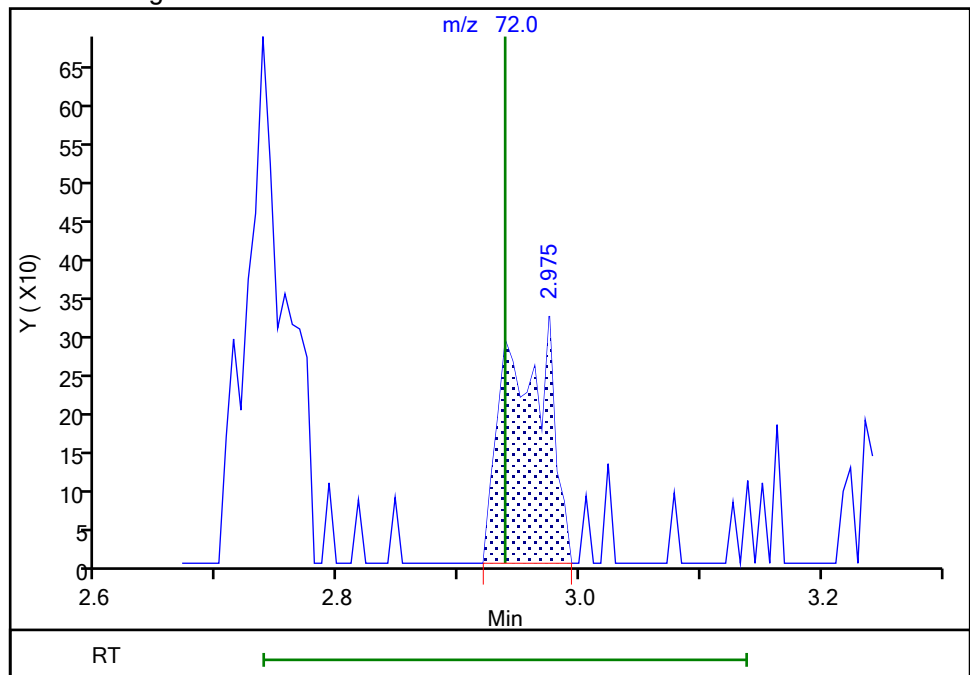
Not Detected

Expected RT: 2.94

Processing Integration Results



Manual Integration Results



RT: 2.97

Area: 818

Amount: 2.415876

Amount Units: ug/l

Reviewer: KG2Q, 26-Oct-2022 07:39:03

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

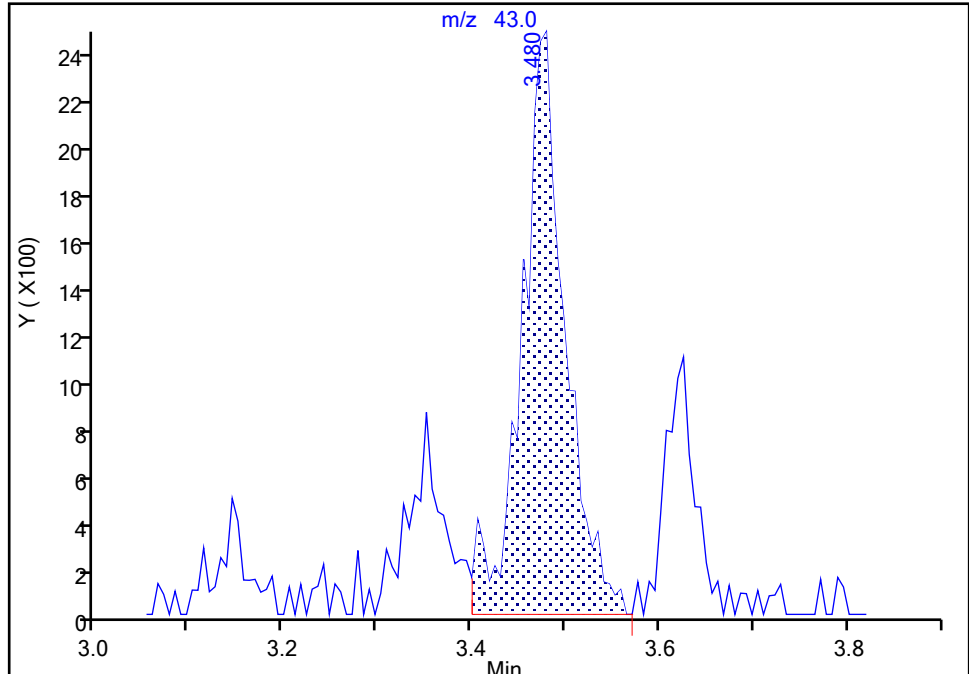
MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

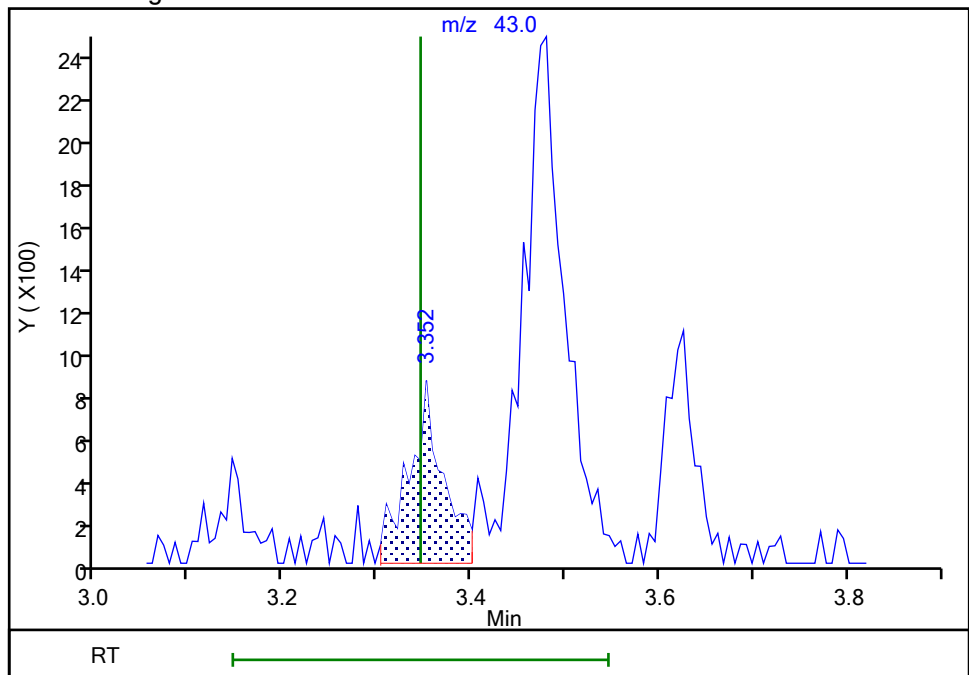
RT: 3.48
Area: 7799
Amount: 106.7091
Amount Units: ug/l

Processing Integration Results



RT: 3.35
Area: 2141
Amount: 27.987002
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:39:13

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

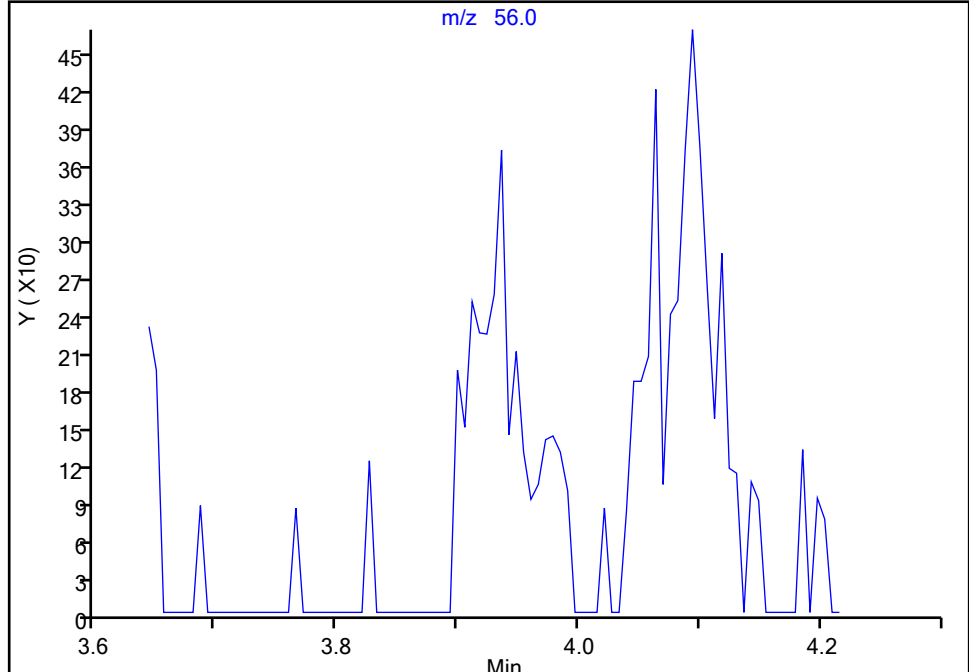
68 n-Butanol, CAS: 71-36-3

Signal: 1

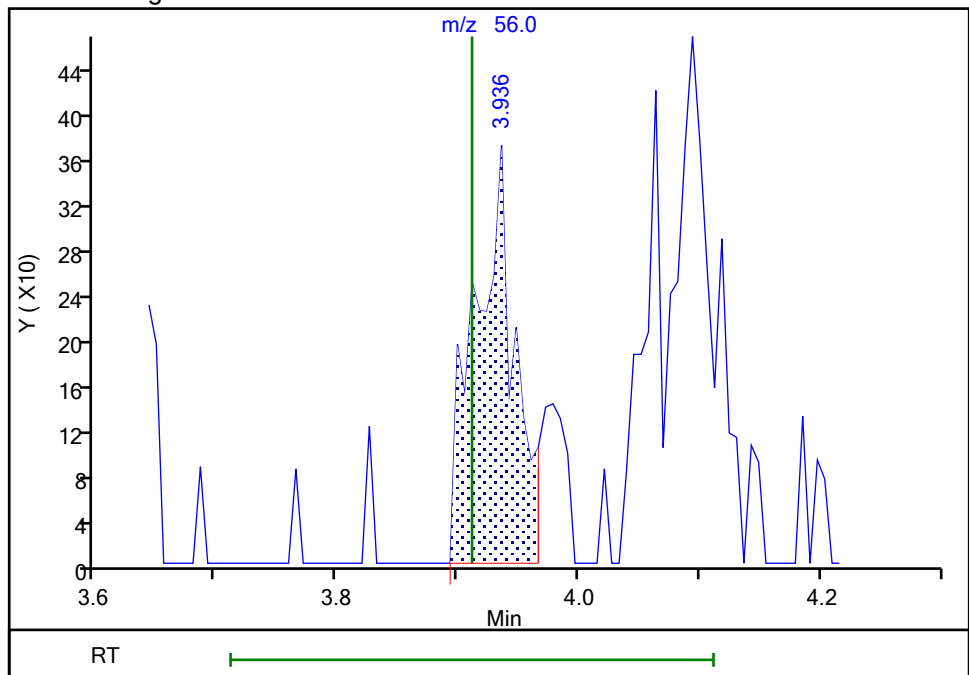
Not Detected

Expected RT: 3.91

Processing Integration Results



Manual Integration Results



RT: 3.94

Area: 857

Amount: 20.288869

Amount Units: ug/l

Reviewer: KG2Q, 26-Oct-2022 07:39:23

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

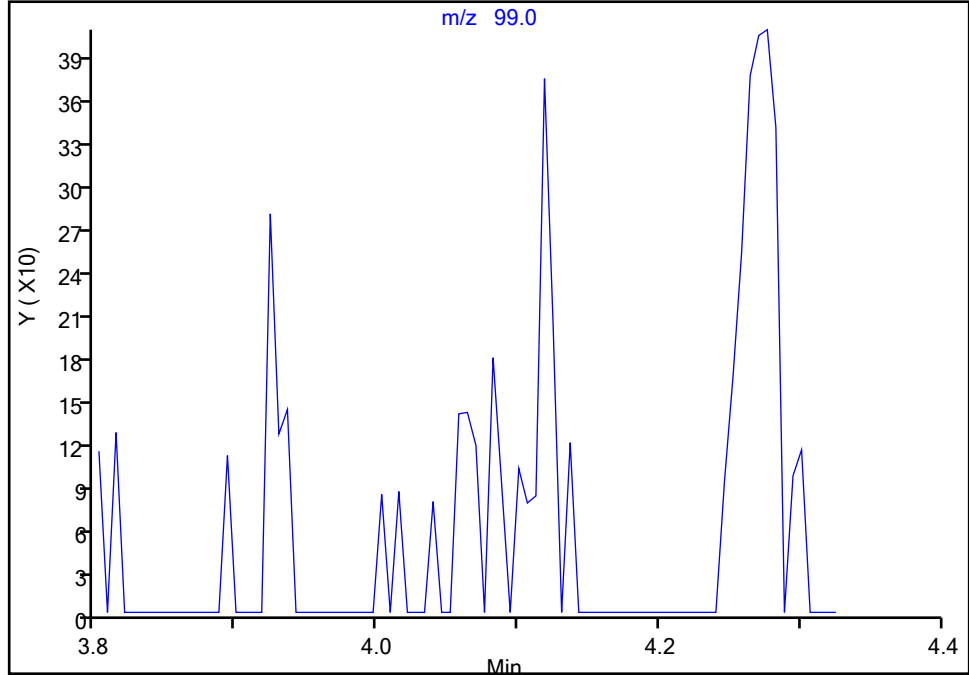
70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

Not Detected

Expected RT: 4.06

Processing Integration Results



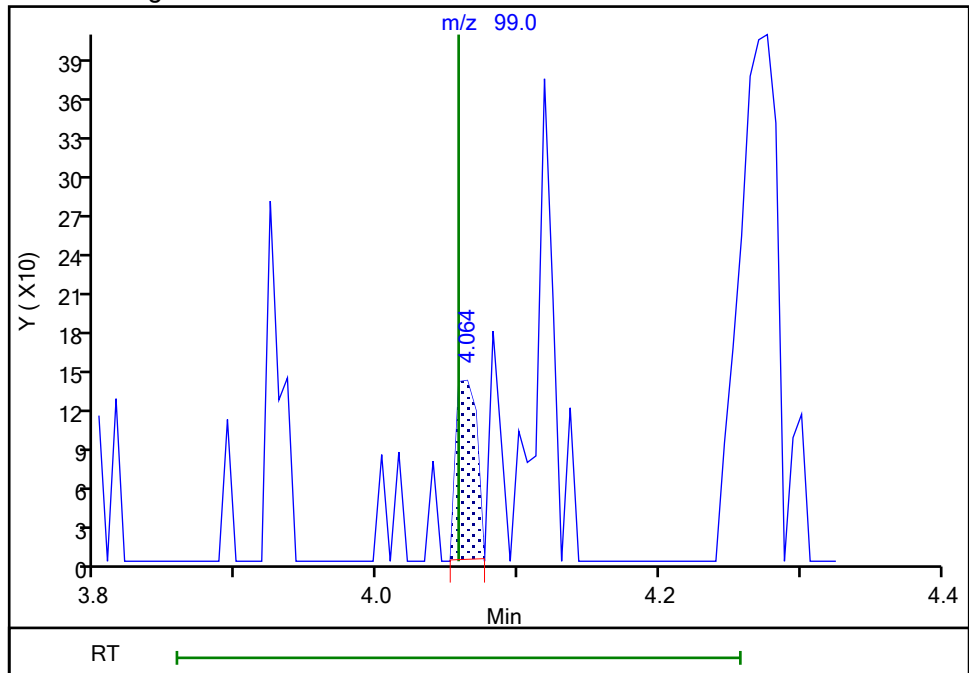
RT: 4.06

Area: 141

Amount: 0.580909

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:16:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

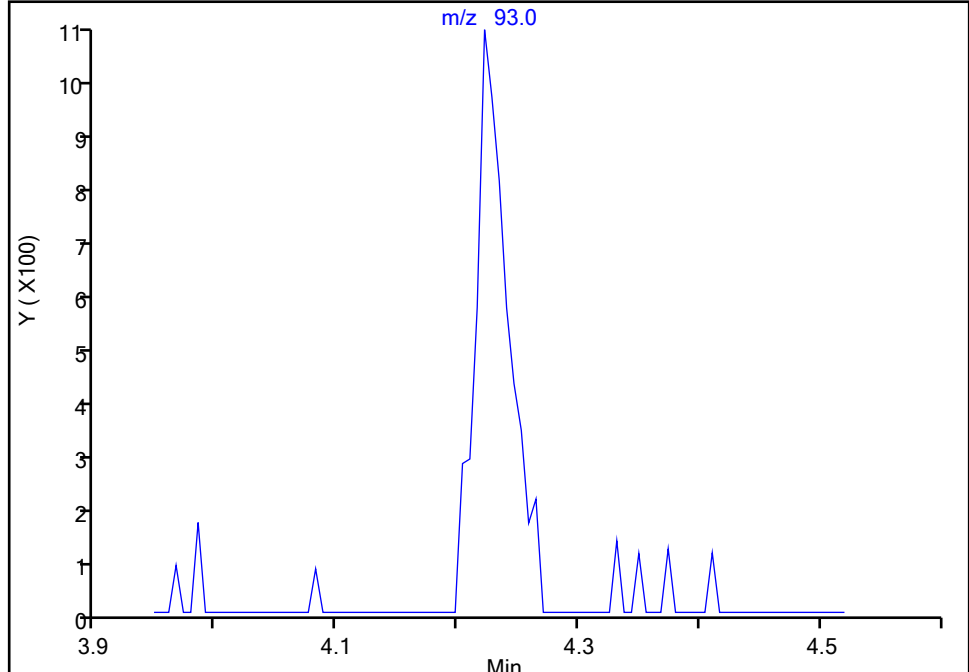
76 Dibromomethane, CAS: 74-95-3

Signal: 1

Not Detected

Expected RT: 4.23

Processing Integration Results



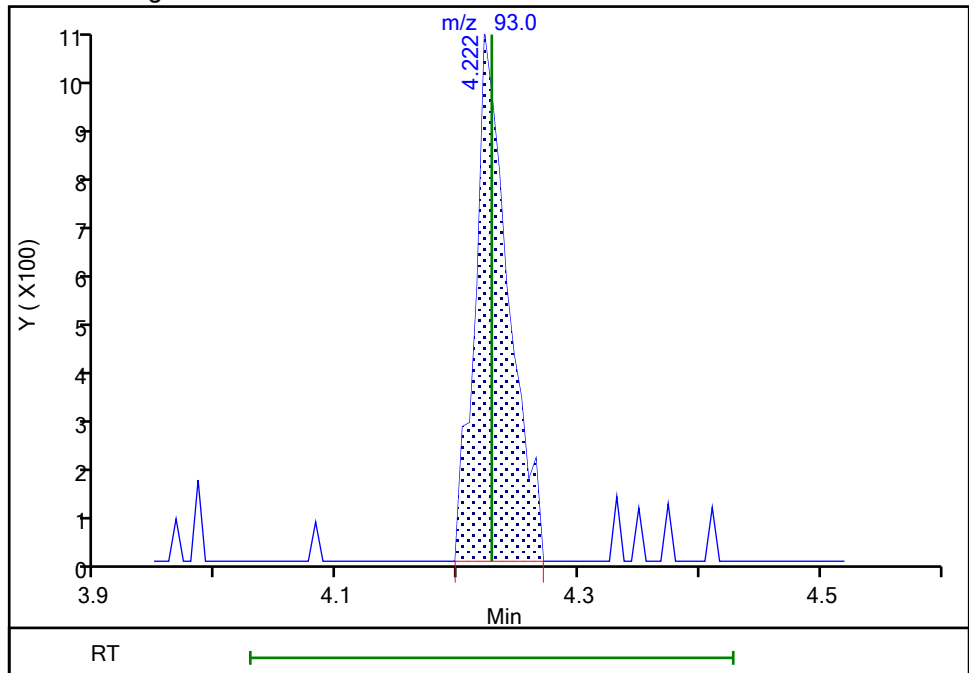
RT: 4.22

Area: 1948

Amount: 1.131017

Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:40:08

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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)

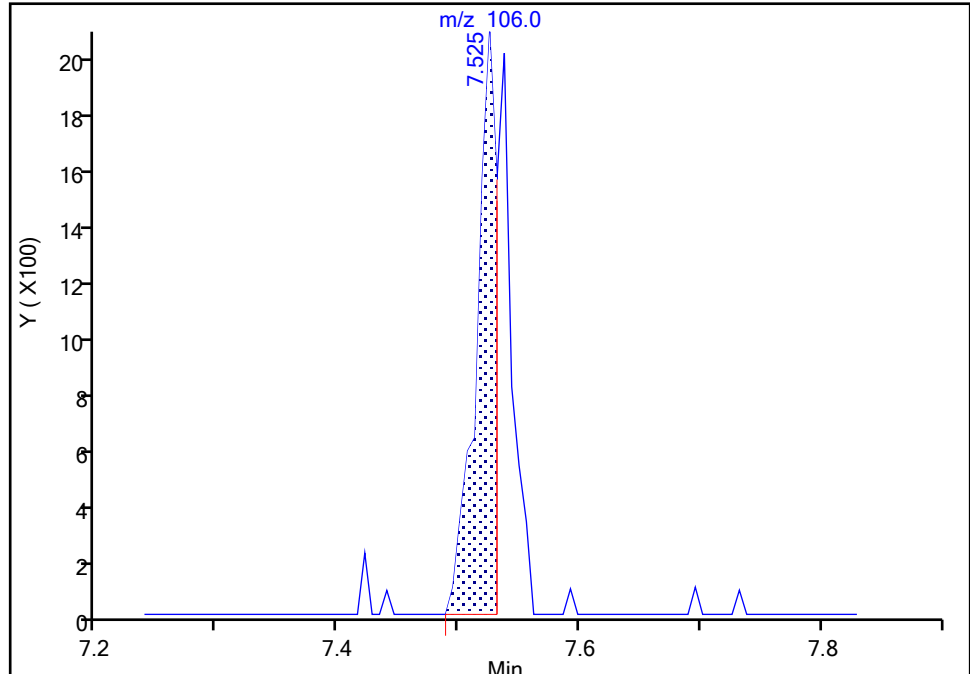
Detector: MS SCAN

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

Signal: 1

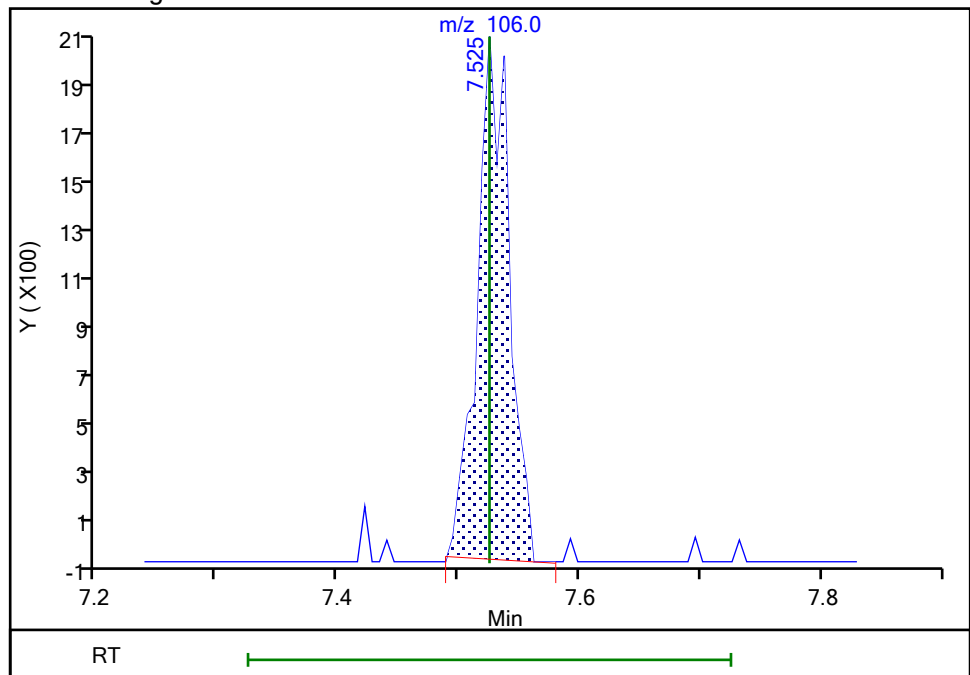
RT: 7.53
Area: 2522
Amount: 0.608867
Amount Units: ug/l

Processing Integration Results



RT: 7.53
Area: 3834
Amount: 0.879199
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:40:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

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

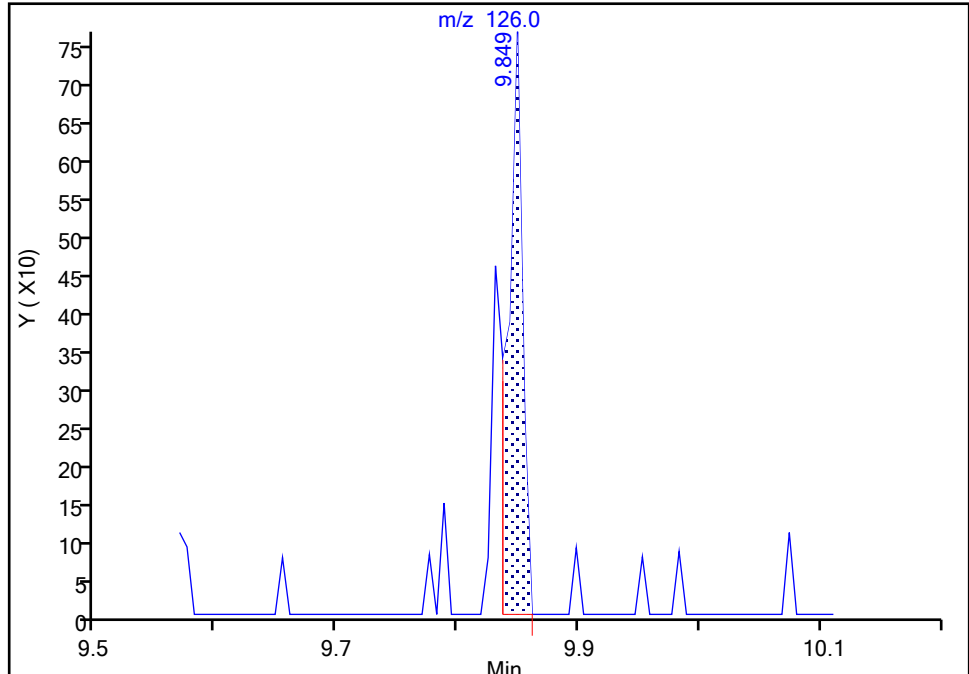
MS SCAN

125 Benzyl chloride, CAS: 100-44-7

Signal: 1

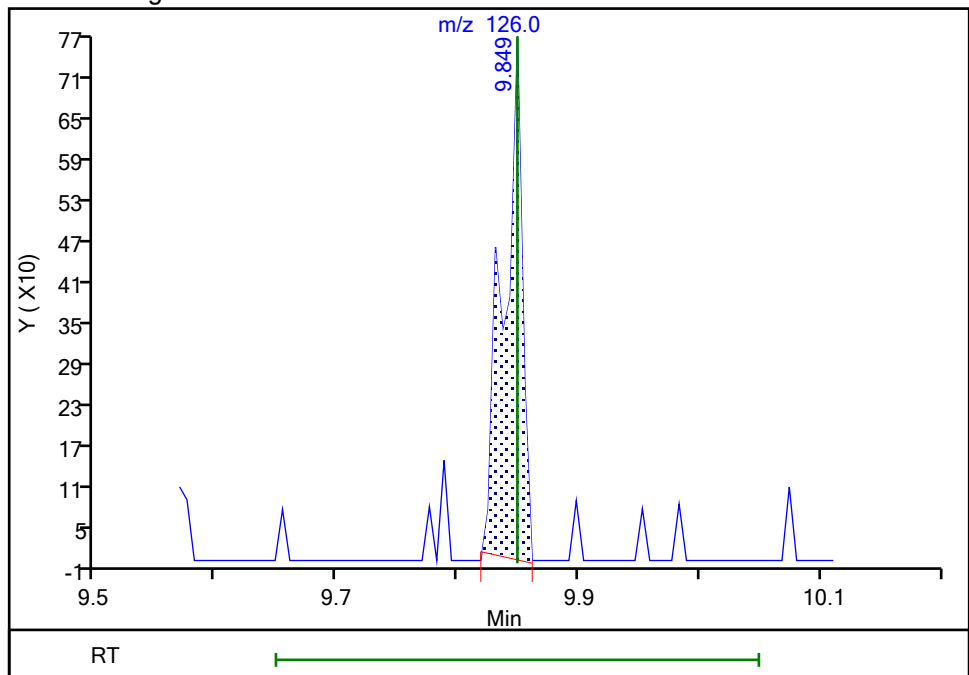
RT: 9.85
Area: 639
Amount: 0.644536
Amount Units: ug/l

Processing Integration Results



RT: 9.85
Area: 821
Amount: 0.803528
Amount Units: ug/l

Manual Integration Results



Reviewer: KG2Q, 26-Oct-2022 07:41:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D

Injection Date: 25-Oct-2022 15:20:30

Instrument ID: CVOAMS11

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

39

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA - 8260D Water and Solid

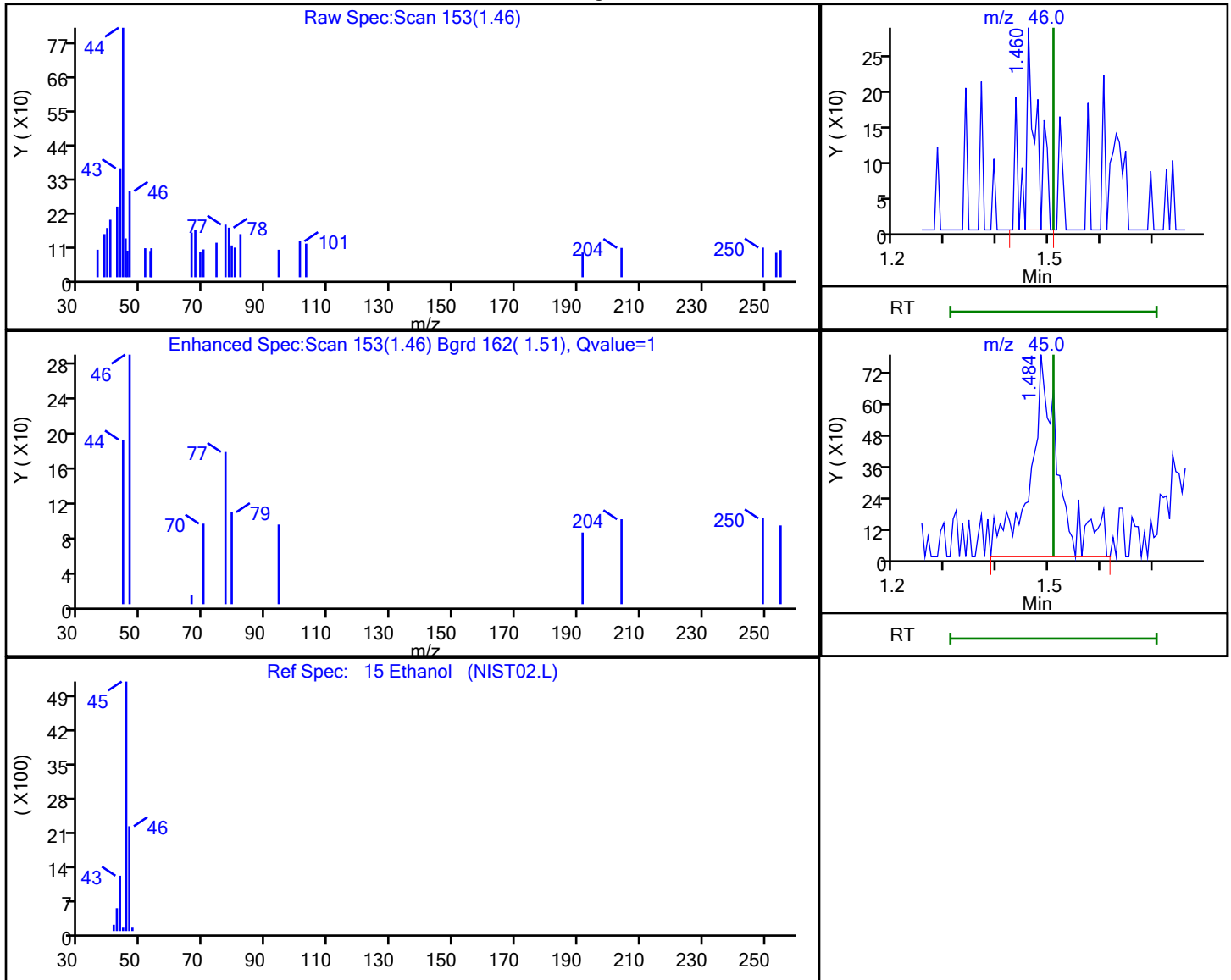
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.46	46.00	462	62.014479
1.48	45.00	3105	

Reviewer: W9CM, 26-Oct-2022 19:15:14

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

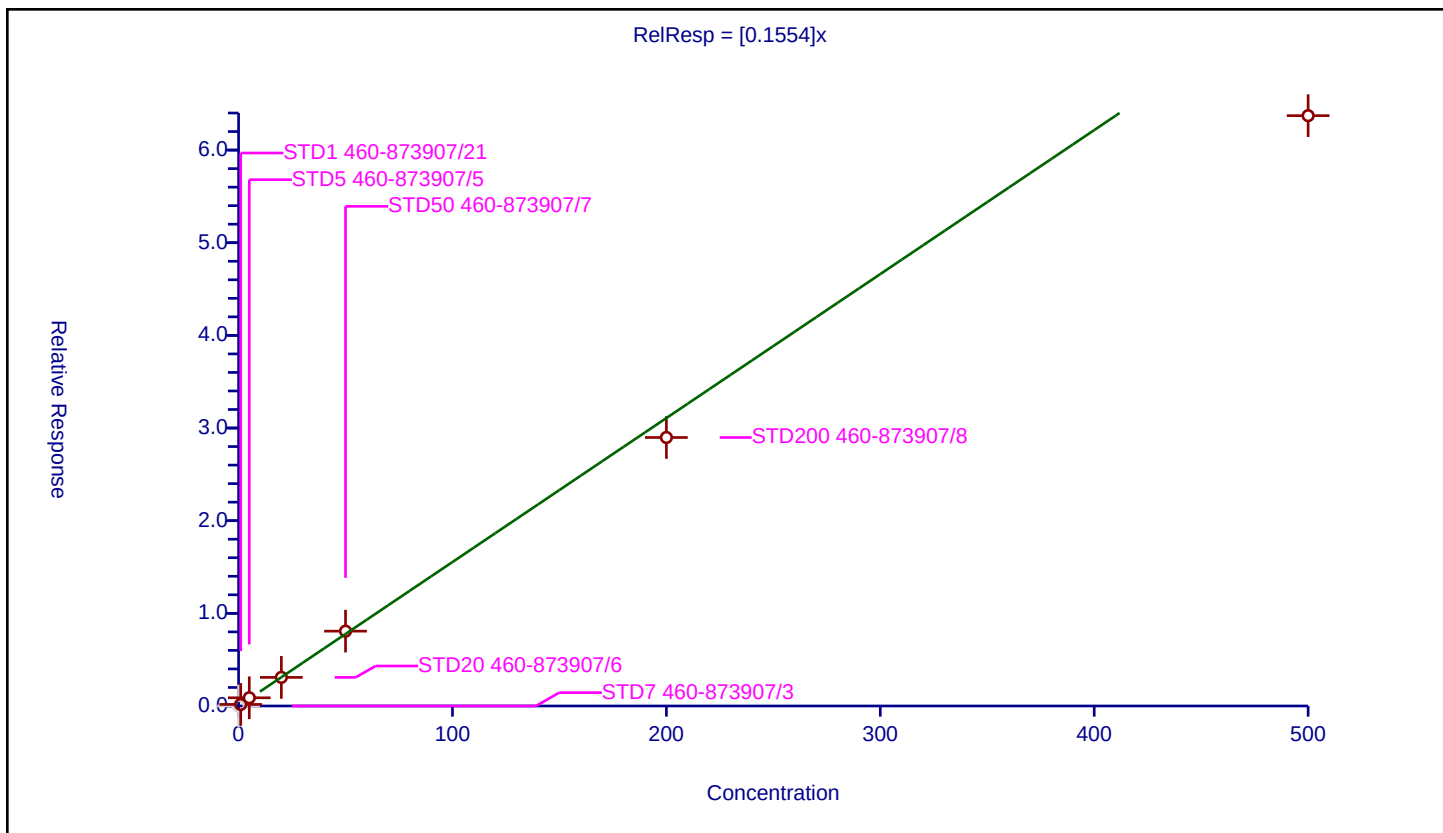
Curve Coefficients

Intercept: 0
 Slope: 0.1554

Error Coefficients

Standard Error: 358000
 Relative Standard Error: 11.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.167106	50.0	453604.0	0.167106	Y
3	STD5 460-873907/5	5.0	0.884908	50.0	407839.0	0.176982	Y
4	STD20 460-873907/6	20.0	3.087546	50.0	467070.0	0.154377	Y
5	STD50 460-873907/7	50.0	8.077694	50.0	465207.0	0.161554	Y
6	STD200 460-873907/8	200.0	28.978344	50.0	508547.0	0.144892	Y
7	STD500 460-873907/9	500.0	63.715333	50.0	581466.0	0.127431	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

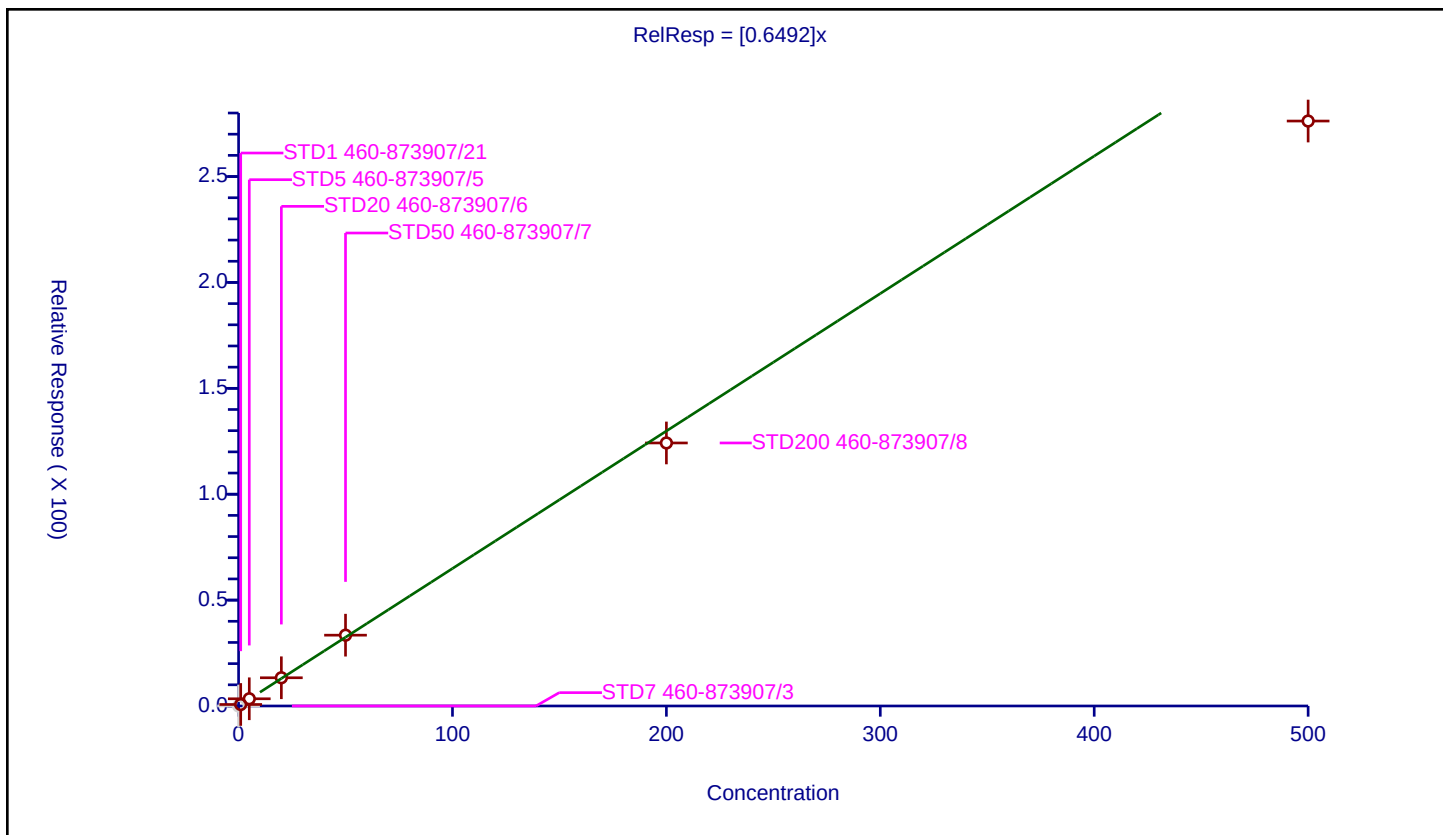
Curve Coefficients

Intercept: 0
 Slope: 0.6492

Error Coefficients

Standard Error: 1550000
 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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.705902	50.0	453604.0	0.705902	Y
3	STD5 460-873907/5	5.0	3.402568	50.0	407839.0	0.680514	Y
4	STD20 460-873907/6	20.0	13.331192	50.0	467070.0	0.66656	Y
5	STD50 460-873907/7	50.0	33.433289	50.0	465207.0	0.668666	Y
6	STD200 460-873907/8	200.0	124.204449	50.0	508547.0	0.621022	Y
7	STD500 460-873907/9	500.0	276.205402	50.0	581466.0	0.552411	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

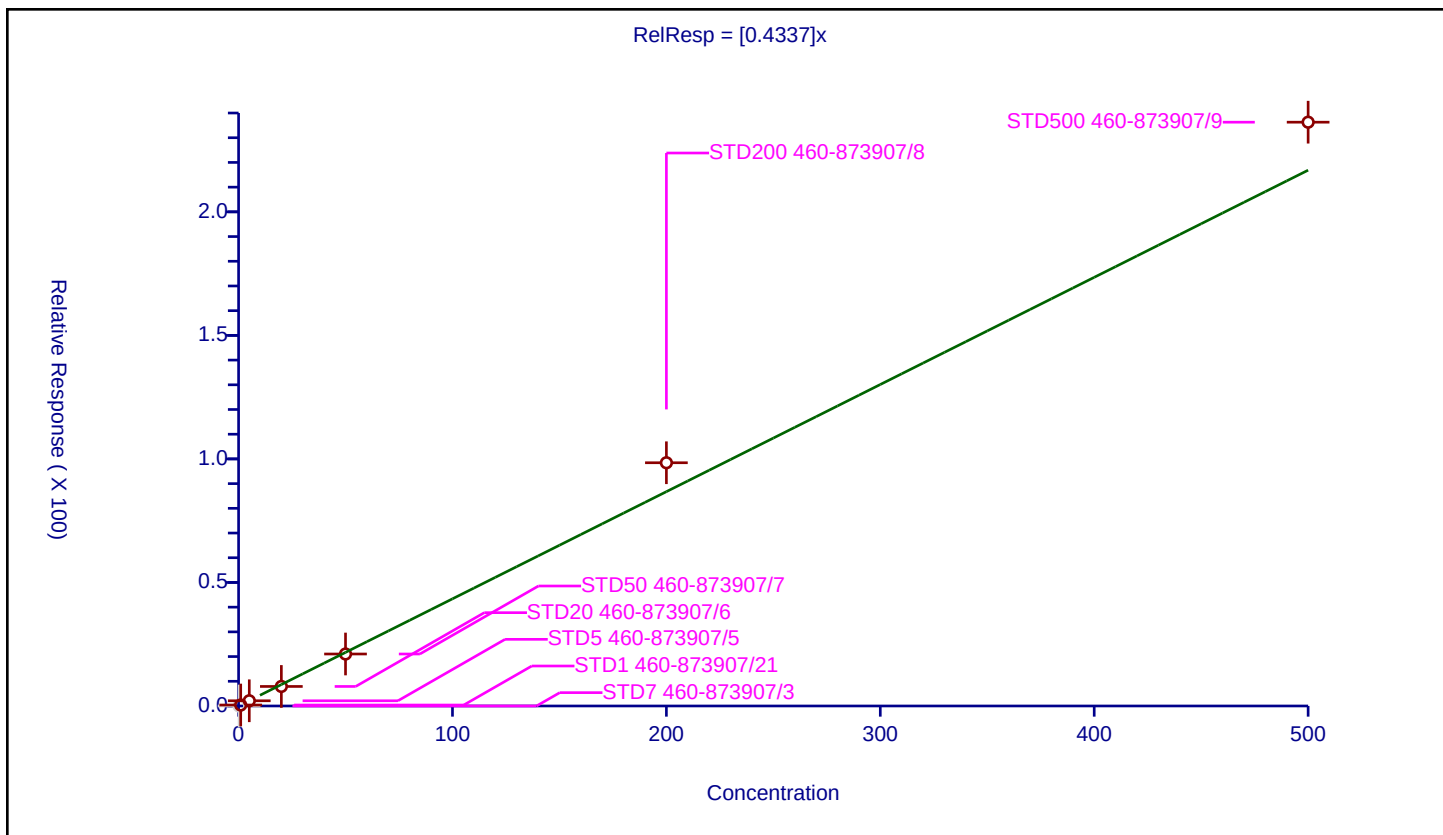
Curve Coefficients

Intercept: 0
 Slope: 0.4337

Error Coefficients

Standard Error: 1310000
 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 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.398696	50.0	453604.0	0.398696	Y
3	STD5 460-873907/5	5.0	2.112721	50.0	407839.0	0.422544	Y
4	STD20 460-873907/6	20.0	7.910056	50.0	467070.0	0.395503	Y
5	STD50 460-873907/7	50.0	21.038914	50.0	465207.0	0.420778	Y
6	STD200 460-873907/8	200.0	98.446358	50.0	508547.0	0.492232	Y
7	STD500 460-873907/9	500.0	236.285785	50.0	581466.0	0.472572	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

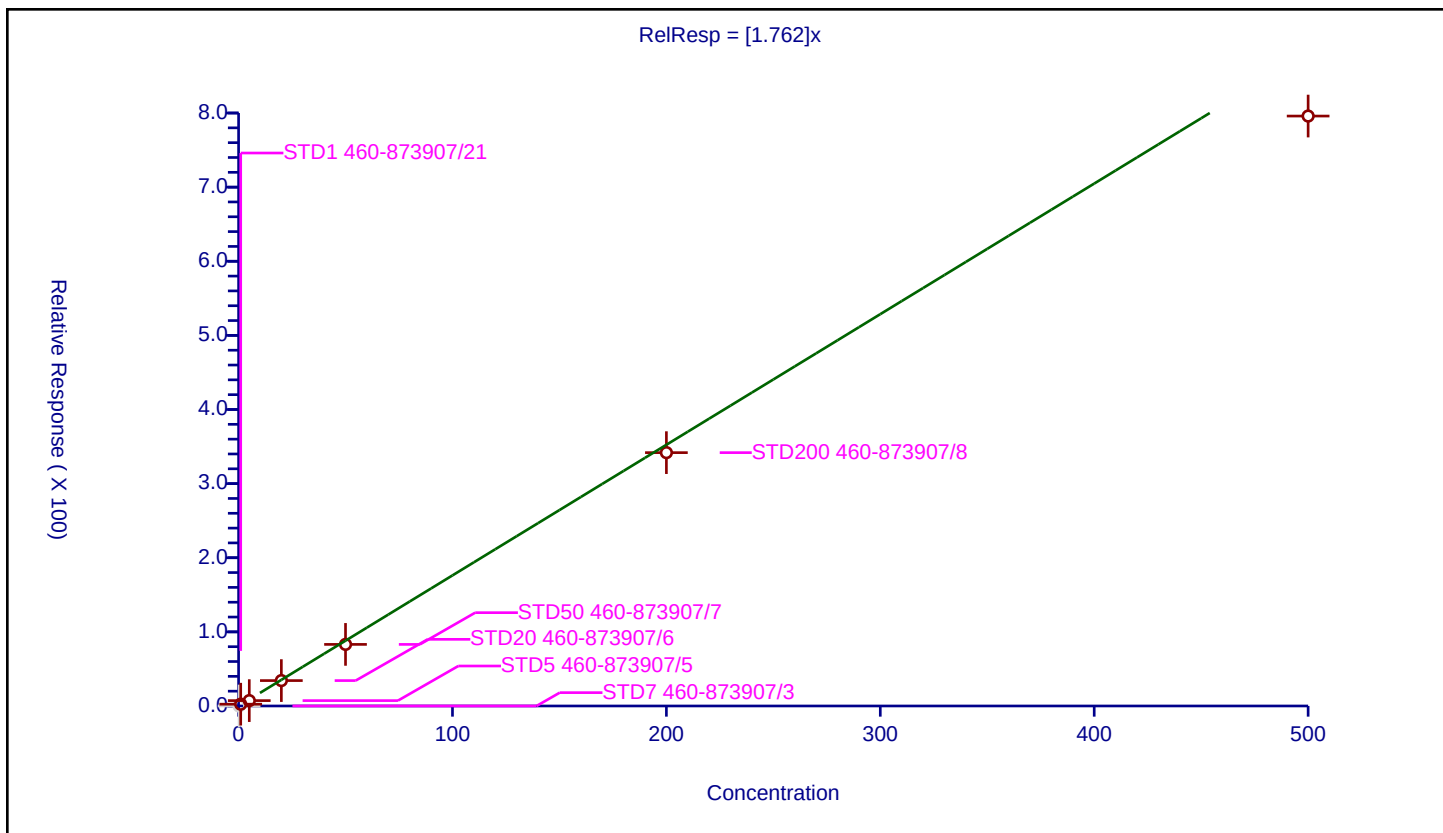
Curve Coefficients

Intercept: 0
 Slope: 1.762

Error Coefficients

Standard Error: 455000
 Relative Standard Error: 19.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.947

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.25	0.0	250.0	228214.0	0.0	N
2	STD1 460-873907/21	1.0	2.443996	250.0	210209.0	2.443996	Y
3	STD5 460-873907/5	5.0	7.263928	250.0	204366.0	1.452786	Y
4	STD20 460-873907/6	20.0	34.259645	250.0	225878.0	1.712982	Y
5	STD50 460-873907/7	50.0	83.085453	250.0	237346.0	1.661709	Y
6	STD200 460-873907/8	200.0	341.810419	250.0	259995.0	1.709052	Y
7	STD500 460-873907/9	500.0	795.910911	250.0	298355.0	1.591822	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

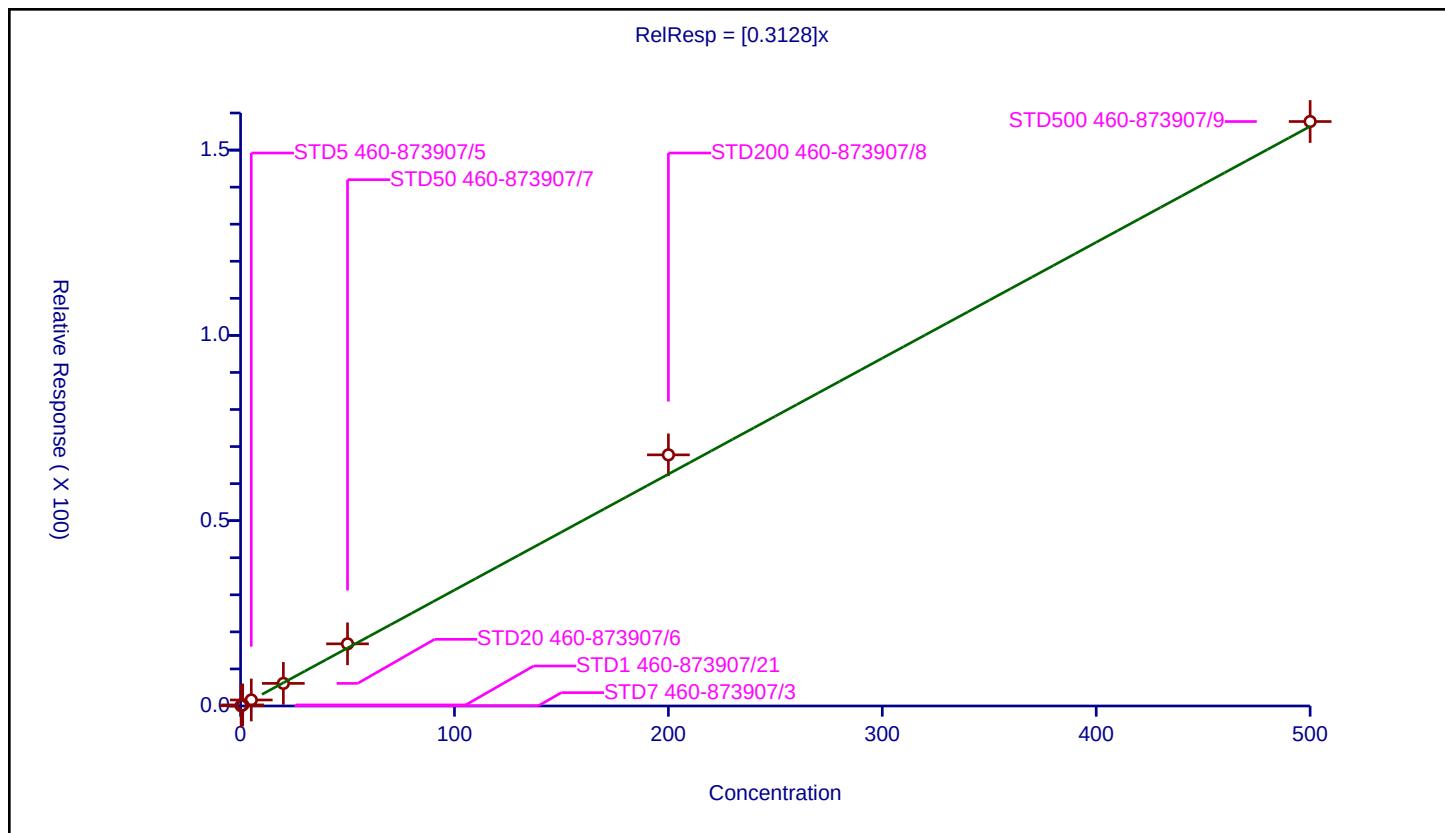
Curve Coefficients

Intercept: 0
 Slope: 0.3128

Error Coefficients

Standard Error: 803000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.25	0.07007	50.0	494508.0	0.280279	Y
2	STD1 460-873907/21	1.0	0.291003	50.0	453604.0	0.291003	Y
3	STD5 460-873907/5	5.0	1.619144	50.0	407839.0	0.323829	Y
4	STD20 460-873907/6	20.0	6.09459	50.0	467070.0	0.304729	Y
5	STD50 460-873907/7	50.0	16.770921	50.0	465207.0	0.335418	Y
6	STD200 460-873907/8	200.0	67.764435	50.0	508547.0	0.338822	Y
7	STD500 460-873907/9	500.0	157.70604	50.0	581466.0	0.315412	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

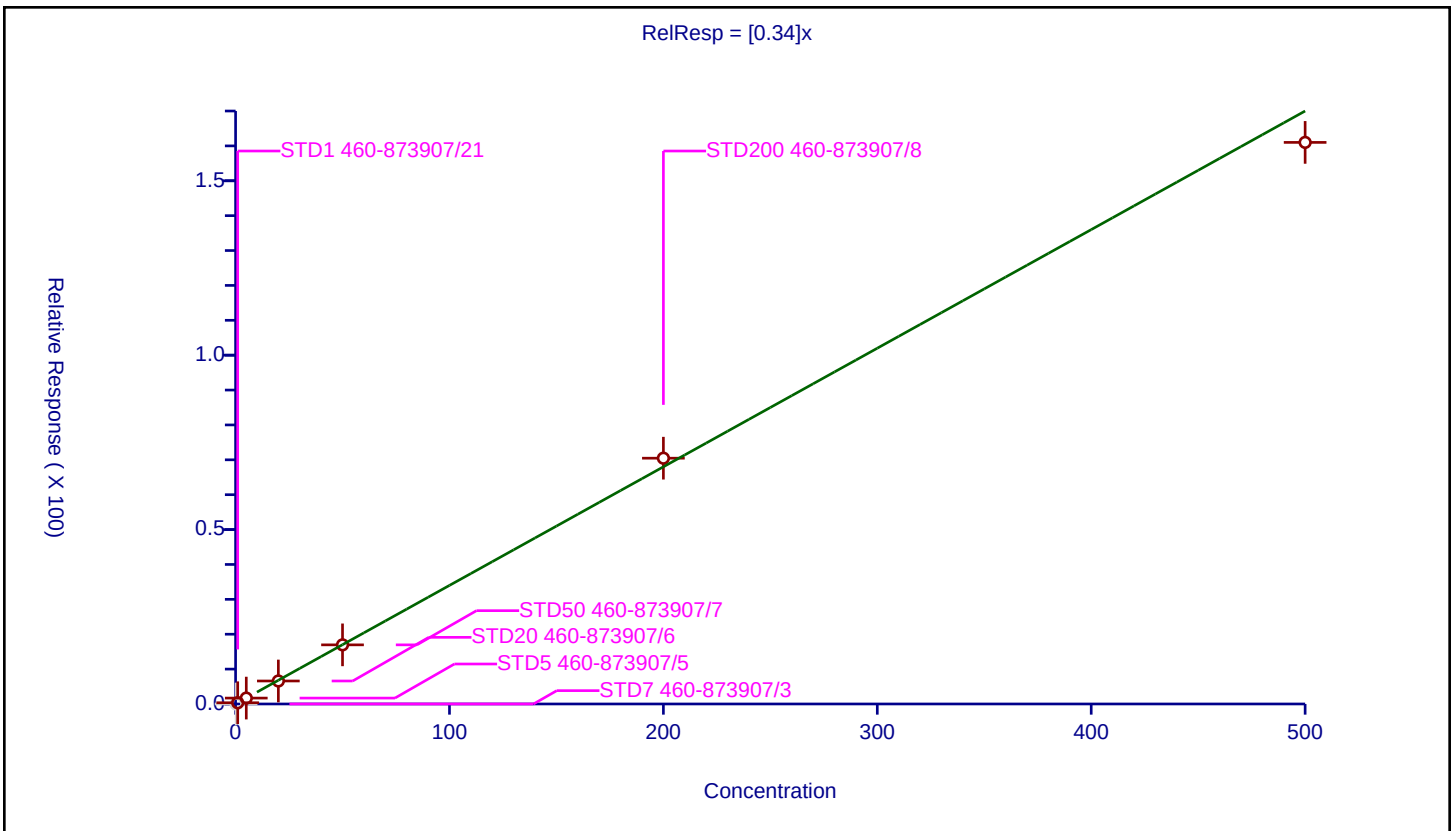
Curve Coefficients

Intercept: 0
 Slope: 0.34

Error Coefficients

Standard Error: 900000
 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 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.358352	50.0	453604.0	0.358352	Y
3	STD5 460-873907/5	5.0	1.69307	50.0	407839.0	0.338614	Y
4	STD20 460-873907/6	20.0	6.591946	50.0	467070.0	0.329597	Y
5	STD50 460-873907/7	50.0	16.951916	50.0	465207.0	0.339038	Y
6	STD200 460-873907/8	200.0	70.471854	50.0	508547.0	0.352359	Y
7	STD500 460-873907/9	500.0	161.003051	50.0	581466.0	0.322006	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

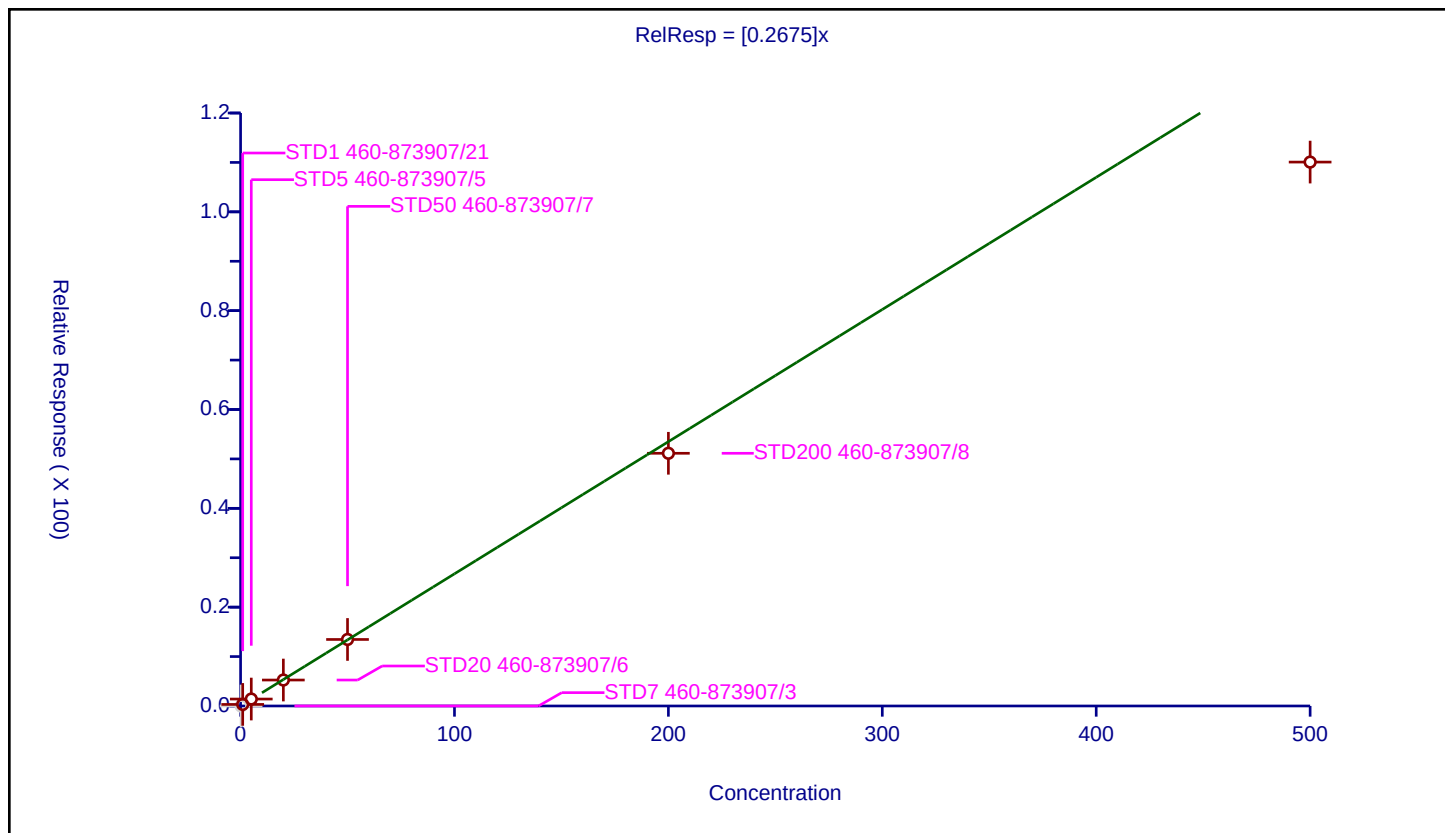
Curve Coefficients

Intercept: 0
Slope: 0.2675

Error Coefficients

Standard Error: 621000
Relative Standard Error: 11.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.316025	50.0	453604.0	0.316025	Y
3	STD5 460-873907/5	5.0	1.405334	50.0	407839.0	0.281067	Y
4	STD20 460-873907/6	20.0	5.253067	50.0	467070.0	0.262653	Y
5	STD50 460-873907/7	50.0	13.461319	50.0	465207.0	0.269226	Y
6	STD200 460-873907/8	200.0	51.140209	50.0	508547.0	0.255701	Y
7	STD500 460-873907/9	500.0	110.070408	50.0	581466.0	0.220141	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

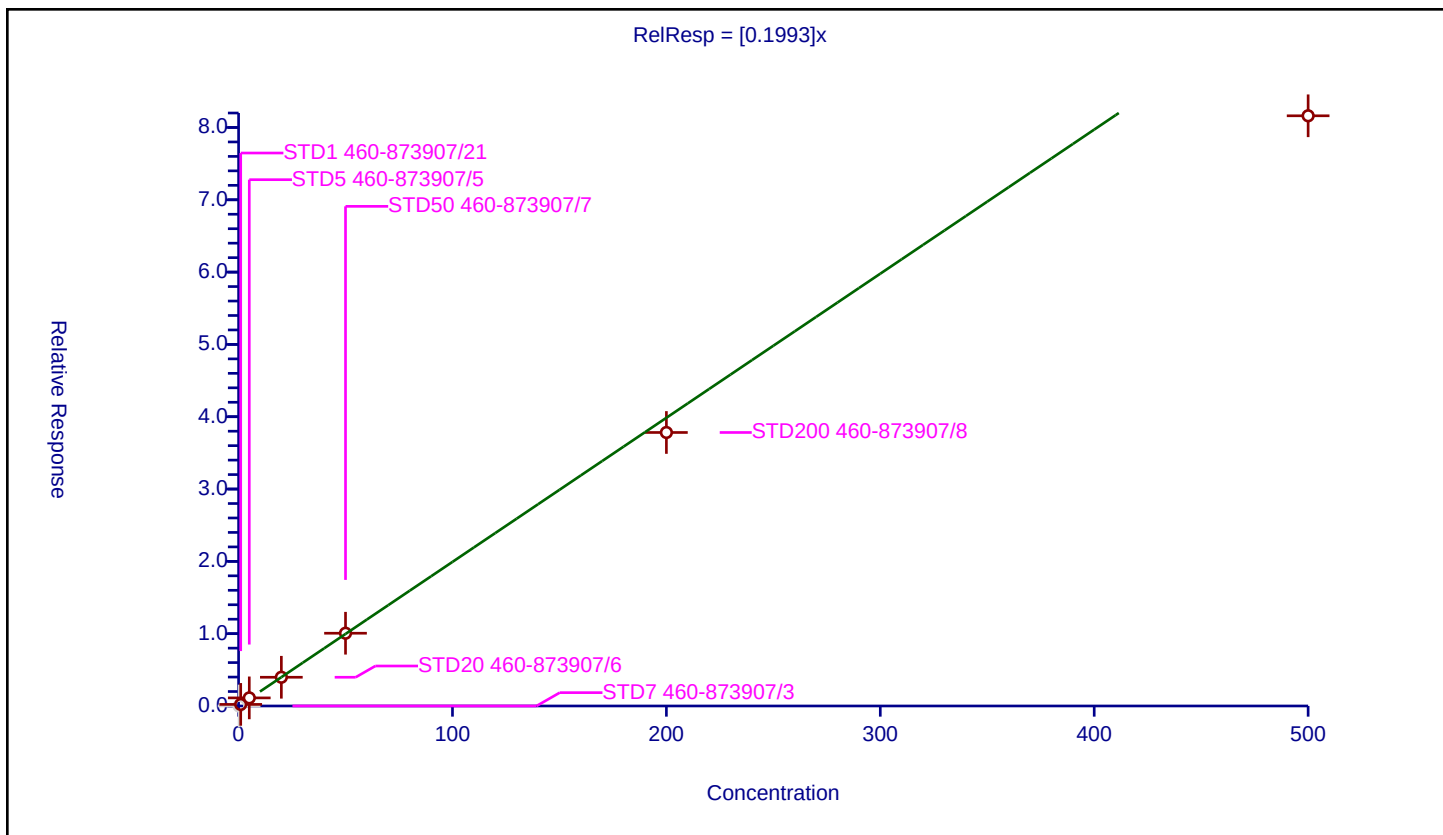
Curve Coefficients

Intercept: 0
 Slope: 0.1993

Error Coefficients

Standard Error: 460000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.219134	50.0	453604.0	0.219134	Y
3	STD5 460-873907/5	5.0	1.121031	50.0	407839.0	0.224206	Y
4	STD20 460-873907/6	20.0	3.97403	50.0	467070.0	0.198701	Y
5	STD50 460-873907/7	50.0	10.062725	50.0	465207.0	0.201254	Y
6	STD200 460-873907/8	200.0	37.820496	50.0	508547.0	0.189102	Y
7	STD500 460-873907/9	500.0	81.617584	50.0	581466.0	0.163235	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

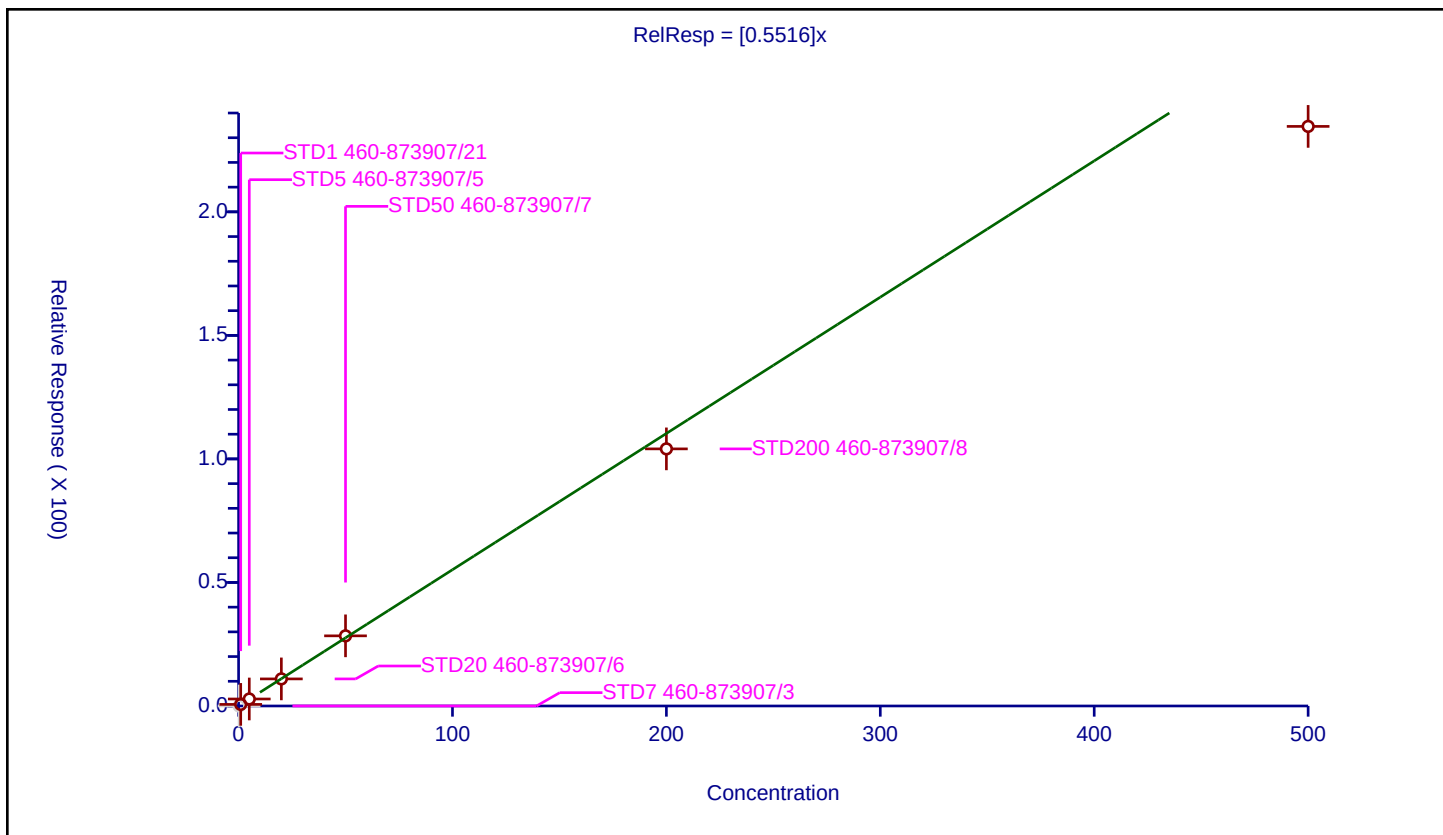
Curve Coefficients

Intercept: 0
 Slope: 0.5516

Error Coefficients

Standard Error: 1310000
 Relative Standard Error: 10.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.637671	50.0	453604.0	0.637671	Y
3	STD5 460-873907/5	5.0	2.831019	50.0	407839.0	0.566204	Y
4	STD20 460-873907/6	20.0	10.965059	50.0	467070.0	0.548253	Y
5	STD50 460-873907/7	50.0	28.385751	50.0	465207.0	0.567715	Y
6	STD200 460-873907/8	200.0	104.064029	50.0	508547.0	0.52032	Y
7	STD500 460-873907/9	500.0	234.583449	50.0	581466.0	0.469167	Y



Calibration

/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

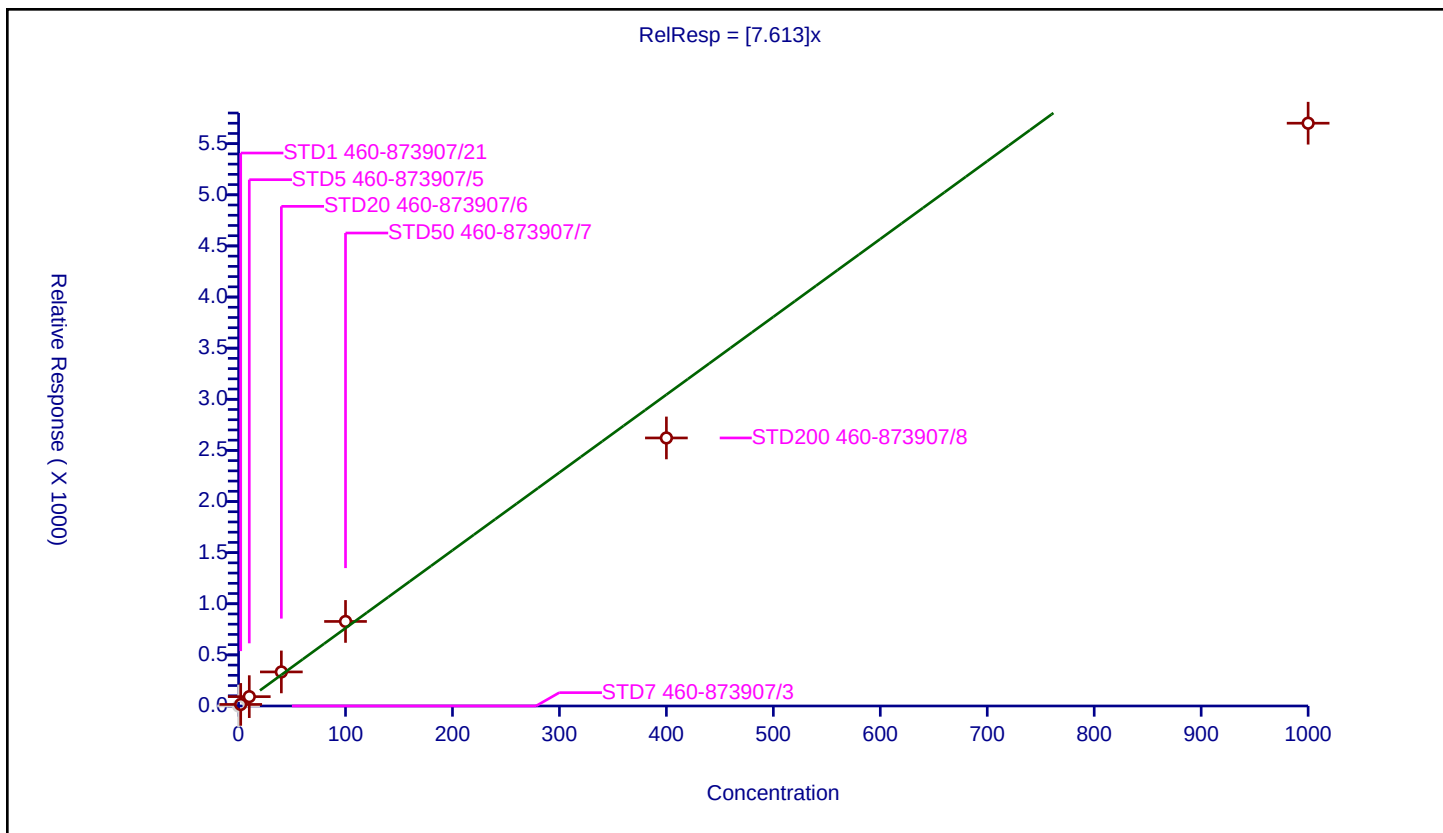
Curve Coefficients

Intercept: 0
Slope: 7.613

Error Coefficients

Standard Error: 202000
Relative Standard Error: 16.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	2.0	15.348846	1000.0	50753.0	7.674423	Y
3	STD5 460-873907/5	10.0	91.49521	1000.0	49478.0	9.149521	Y
4	STD20 460-873907/6	40.0	333.161286	1000.0	56186.0	8.329032	Y
5	STD50 460-873907/7	100.0	827.092018	1000.0	58054.0	8.27092	Y
6	STD200 460-873907/8	400.0	2621.702828	1000.0	63236.0	6.554257	Y
7	STD500 460-873907/9	1000.0	5700.296497	1000.0	74537.0	5.700296	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

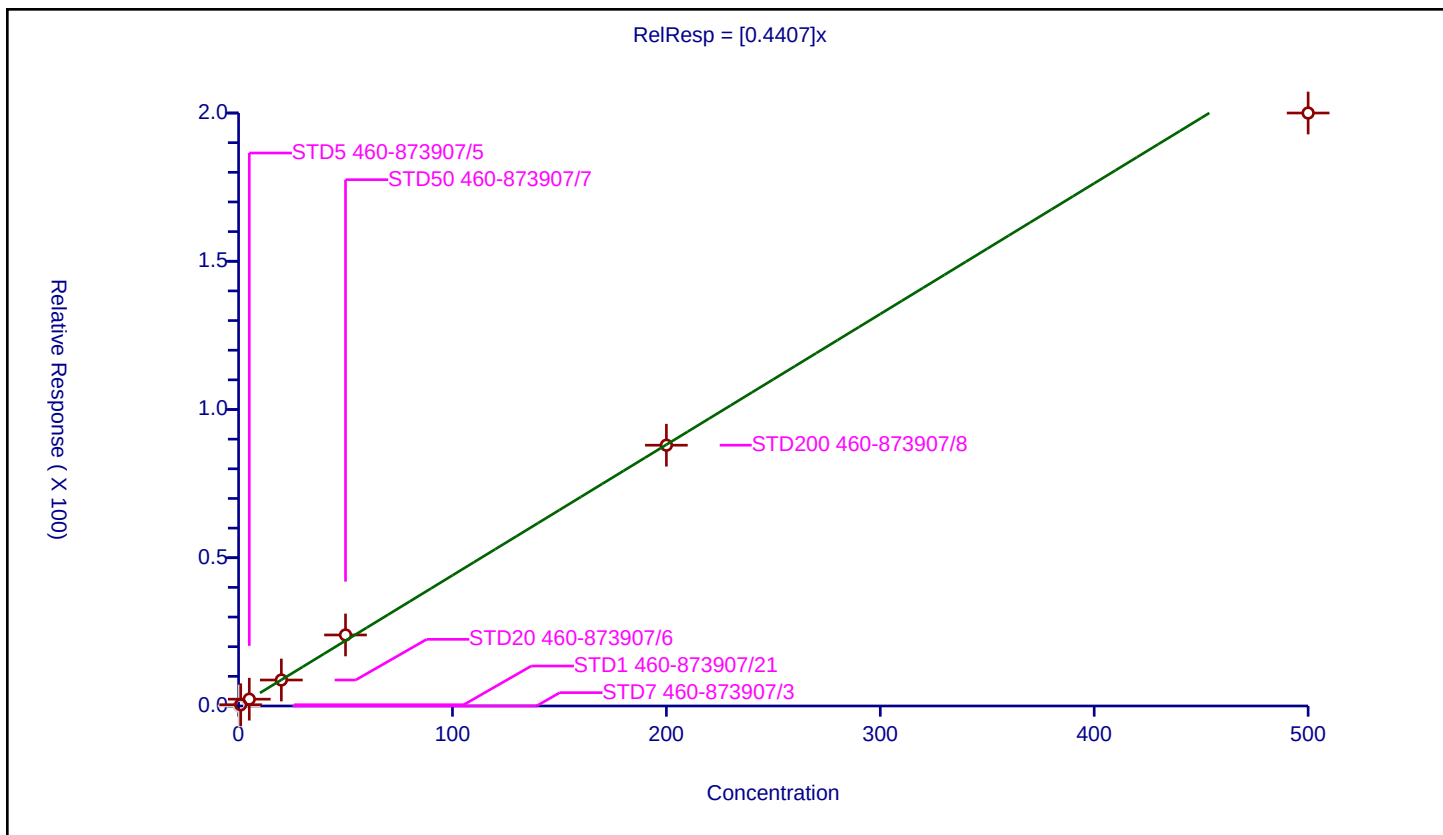
Curve Coefficients

Intercept: 0
 Slope: 0.4407

Error Coefficients

Standard Error: 1120000
 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	STD7 460-873907/3	0.25	0.0	50.0	494508.0	0.0	N
2	STD1 460-873907/21	1.0	0.427024	50.0	453604.0	0.427024	Y
3	STD5 460-873907/5	5.0	2.301398	50.0	407839.0	0.46028	Y
4	STD20 460-873907/6	20.0	8.760892	50.0	467070.0	0.438045	Y
5	STD50 460-873907/7	50.0	23.956647	50.0	465207.0	0.479133	Y
6	STD200 460-873907/8	200.0	87.95598	50.0	508547.0	0.43978	Y
7	STD500 460-873907/9	500.0	199.997592	50.0	581466.0	0.399995	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

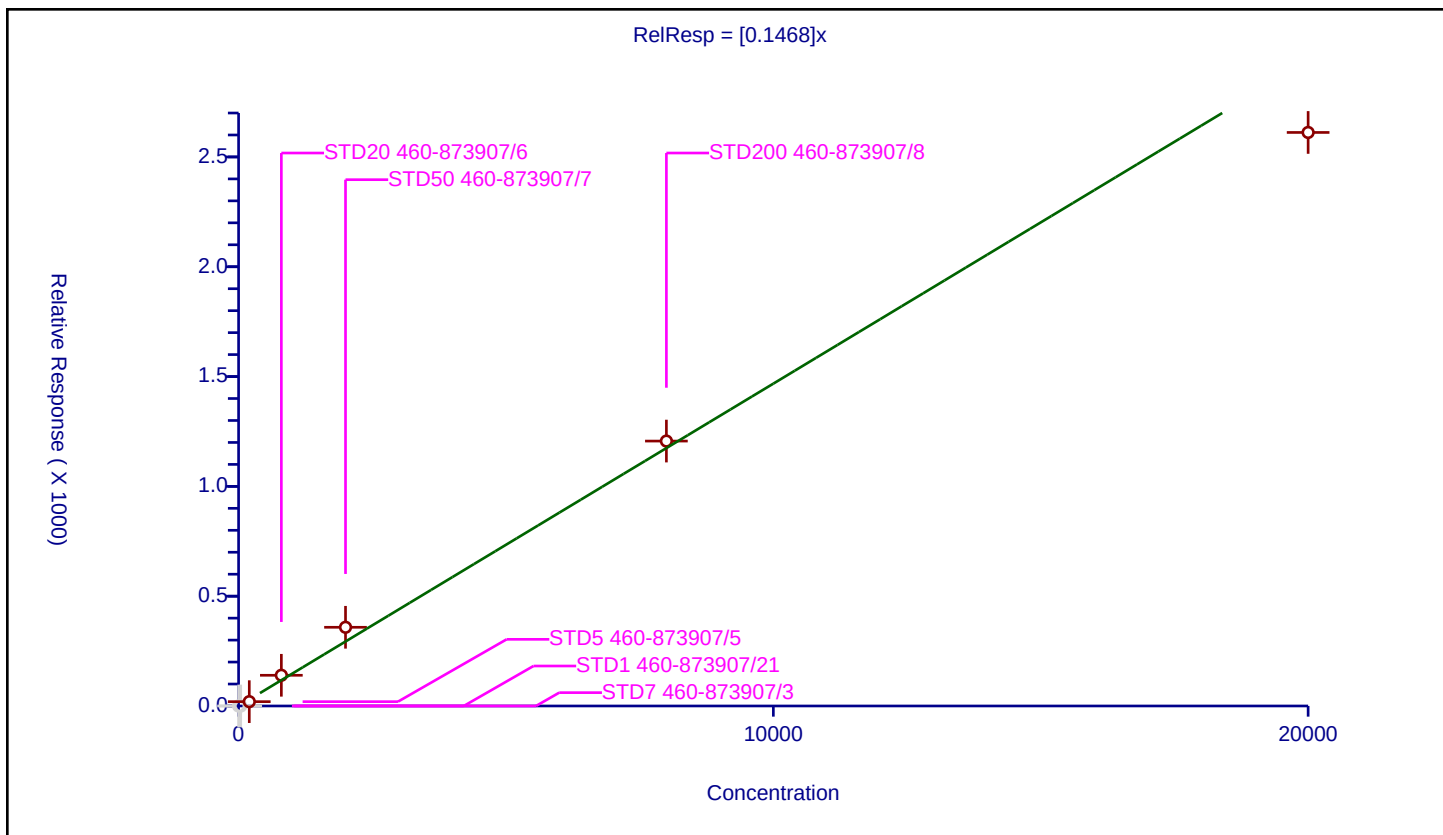
Curve Coefficients

Intercept: 0
Slope: 0.1468

Error Coefficients

Standard Error: 104000
Relative Standard Error: 22.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	40.0	0.0	1000.0	50753.0	0.0	N
3	STD5 460-873907/5	200.0	19.705728	1000.0	49478.0	0.098529	Y
4	STD20 460-873907/6	800.0	139.874702	1000.0	56186.0	0.174843	Y
5	STD50 460-873907/7	2000.0	358.407689	1000.0	58054.0	0.179204	Y
6	STD200 460-873907/8	8000.0	1206.29072	1000.0	63236.0	0.150786	Y
7	STD500 460-873907/9	20000.0	2611.441298	1000.0	74537.0	0.130572	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

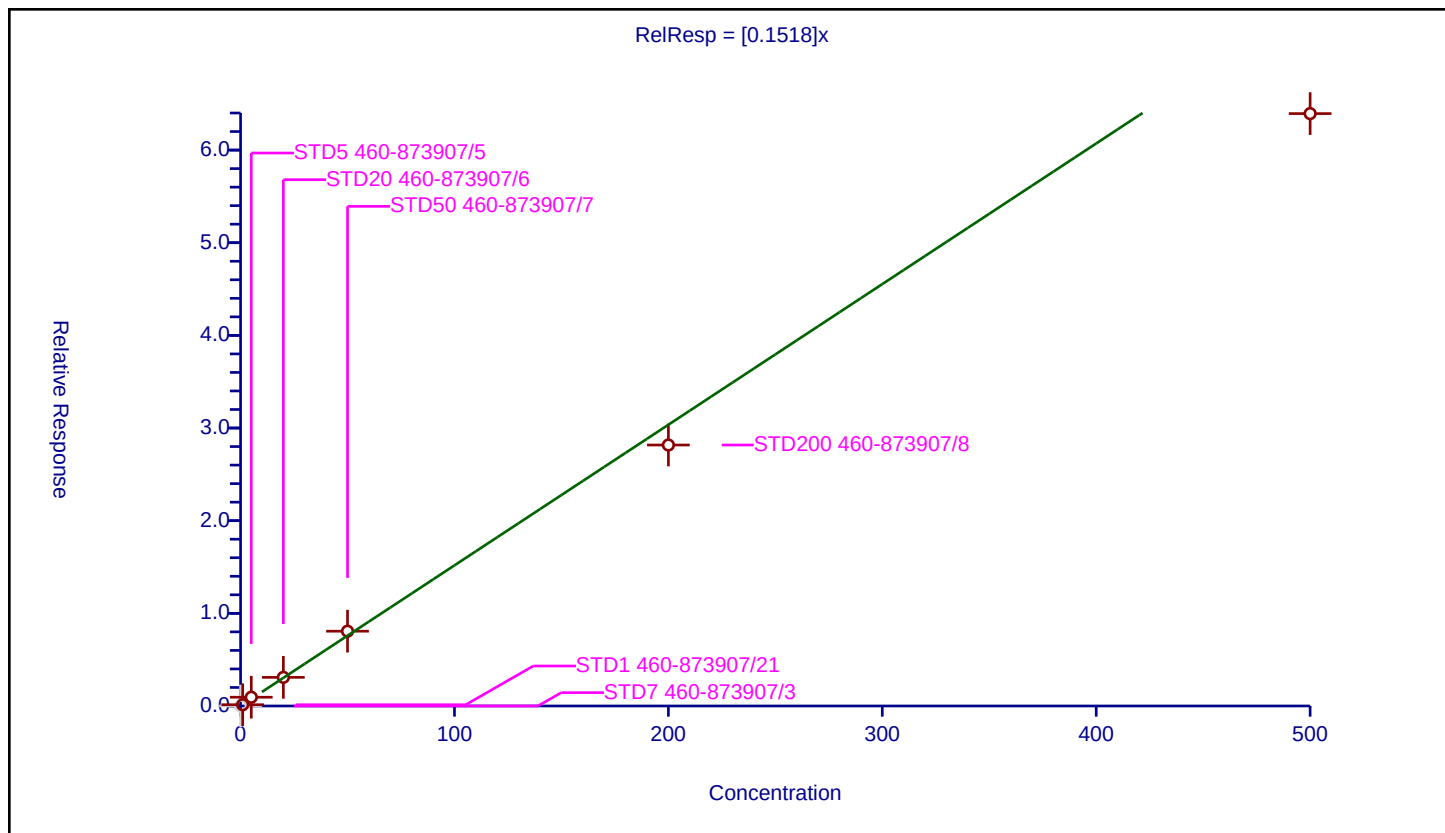
Curve Coefficients

Intercept: 0
 Slope: 0.1518

Error Coefficients

Standard Error: 358000
 Relative Standard Error: 14.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.136793	50.0	453604.0	0.136793	Y
3	STD5 460-873907/5	5.0	0.946575	50.0	407839.0	0.189315	Y
4	STD20 460-873907/6	20.0	3.08883	50.0	467070.0	0.154442	Y
5	STD50 460-873907/7	50.0	8.07232	50.0	465207.0	0.161446	Y
6	STD200 460-873907/8	200.0	28.167111	50.0	508547.0	0.140836	Y
7	STD500 460-873907/9	500.0	63.935725	50.0	581466.0	0.127871	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

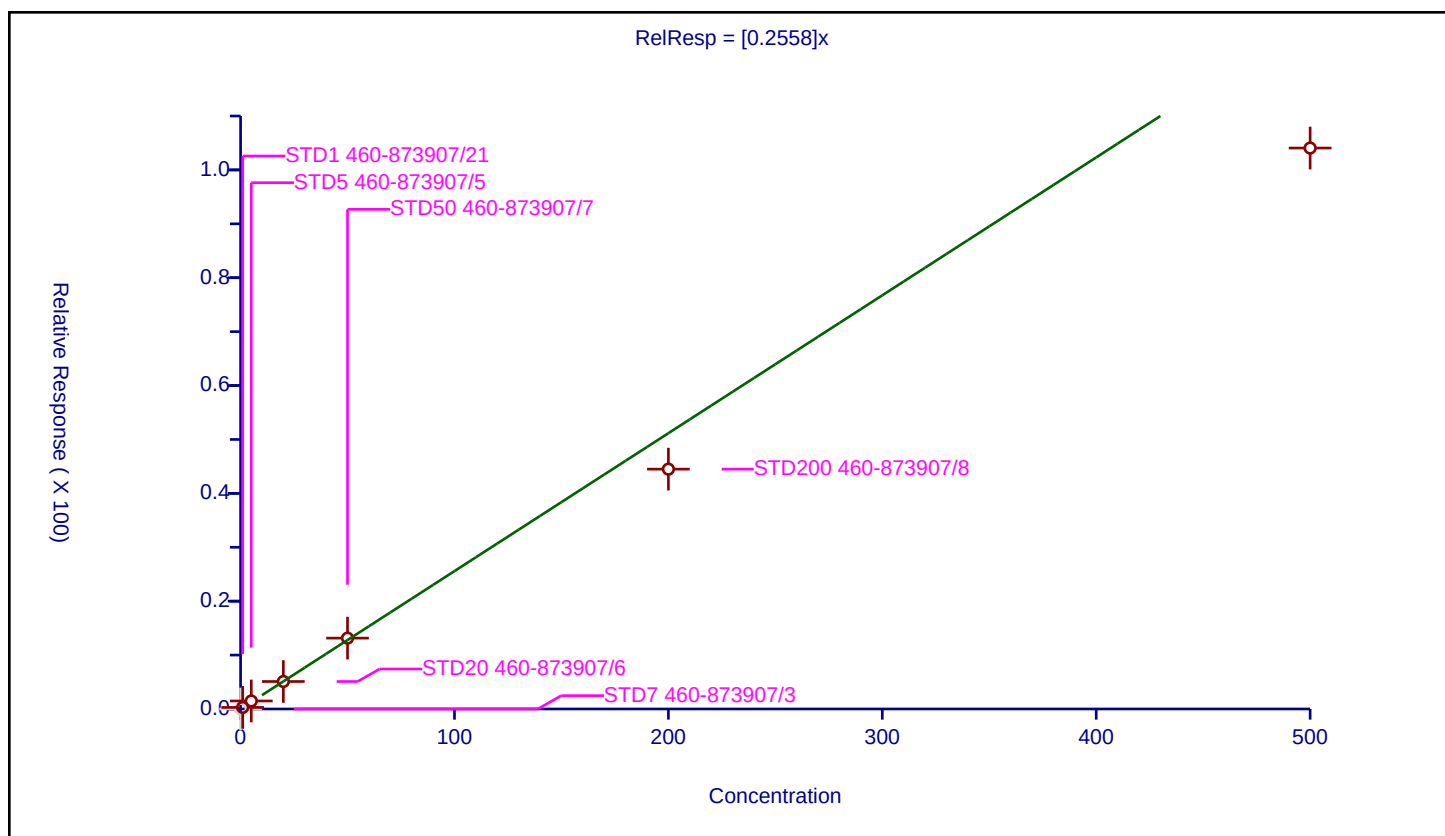
Curve Coefficients

Intercept: 0
 Slope: 0.2558

Error Coefficients

Standard Error: 581000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.288908	50.0	453604.0	0.288908	Y
3	STD5 460-873907/5	5.0	1.487842	50.0	407839.0	0.297568	Y
4	STD20 460-873907/6	20.0	5.097202	50.0	467070.0	0.25486	Y
5	STD50 460-873907/7	50.0	13.143934	50.0	465207.0	0.262879	Y
6	STD200 460-873907/8	200.0	44.492544	50.0	508547.0	0.222463	Y
7	STD500 460-873907/9	500.0	104.058277	50.0	581466.0	0.208117	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

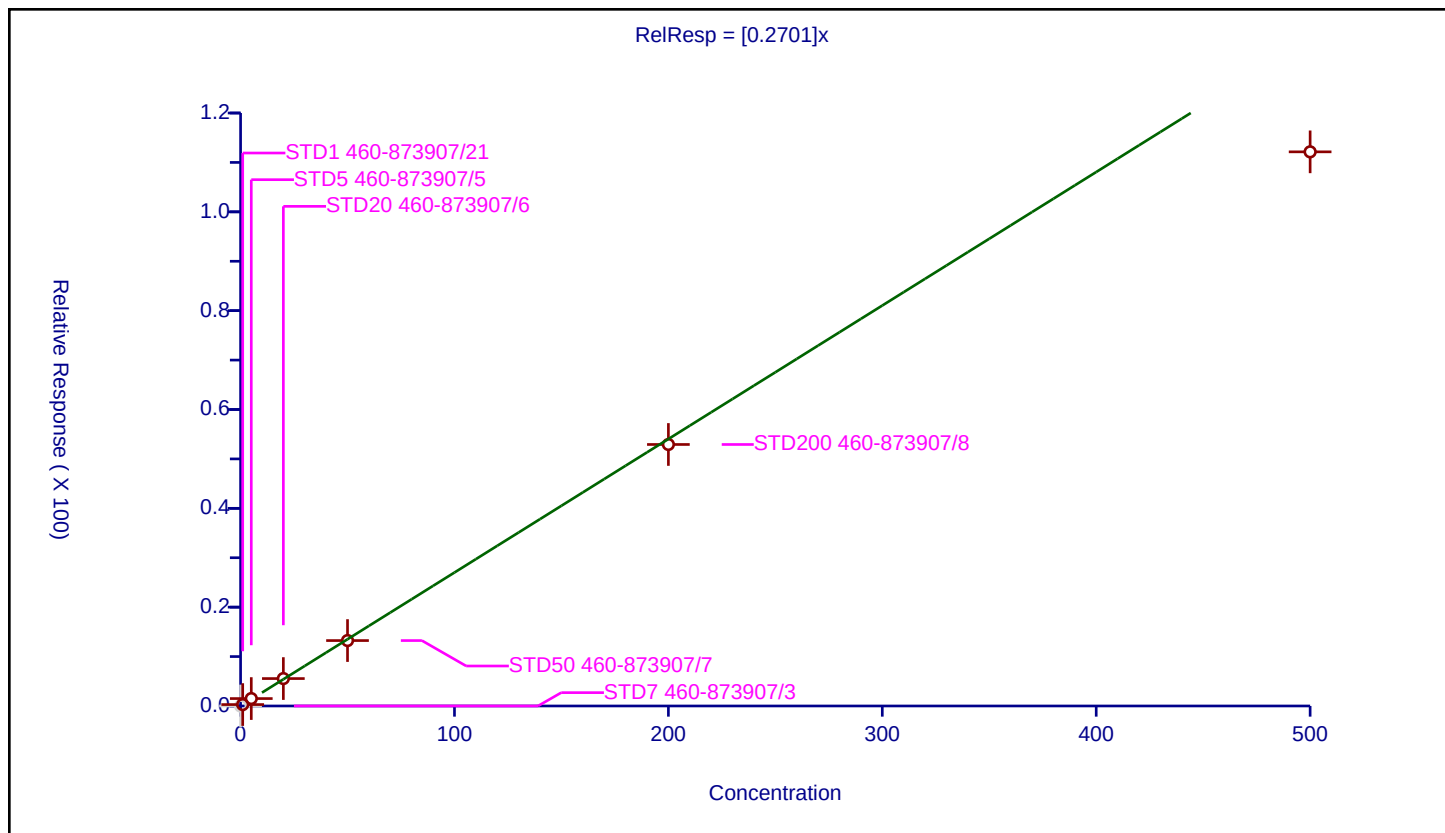
Curve Coefficients

Intercept: 0
 Slope: 0.2701

Error Coefficients

Standard Error: 634000
 Relative Standard Error: 9.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.288688	50.0	453604.0	0.288688	Y
3	STD5 460-873907/5	5.0	1.505496	50.0	407839.0	0.301099	Y
4	STD20 460-873907/6	20.0	5.548526	50.0	467070.0	0.277426	Y
5	STD50 460-873907/7	50.0	13.238838	50.0	465207.0	0.264777	Y
6	STD200 460-873907/8	200.0	52.92323	50.0	508547.0	0.264616	Y
7	STD500 460-873907/9	500.0	112.144562	50.0	581466.0	0.224289	Y



Calibration

/ 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

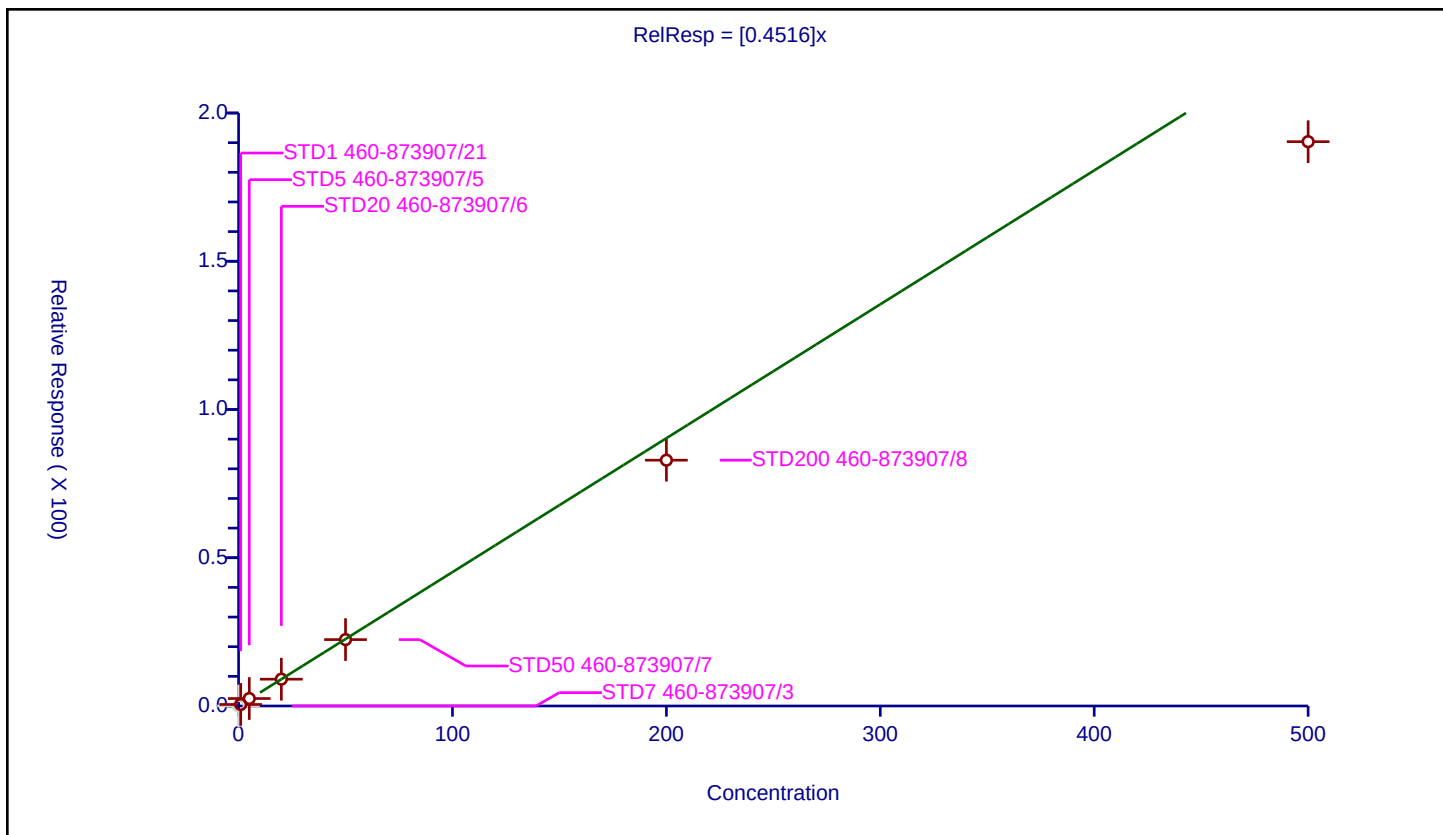
Curve Coefficients

Intercept: 0
 Slope: 0.4516

Error Coefficients

Standard Error: 1060000
 Relative Standard Error: 11.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.512451	50.0	453604.0	0.512451	Y
3	STD5 460-873907/5	5.0	2.510059	50.0	407839.0	0.502012	Y
4	STD20 460-873907/6	20.0	9.041685	50.0	467070.0	0.452084	Y
5	STD50 460-873907/7	50.0	22.389818	50.0	465207.0	0.447796	Y
6	STD200 460-873907/8	200.0	82.905415	50.0	508547.0	0.414527	Y
7	STD500 460-873907/9	500.0	190.332711	50.0	581466.0	0.380665	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

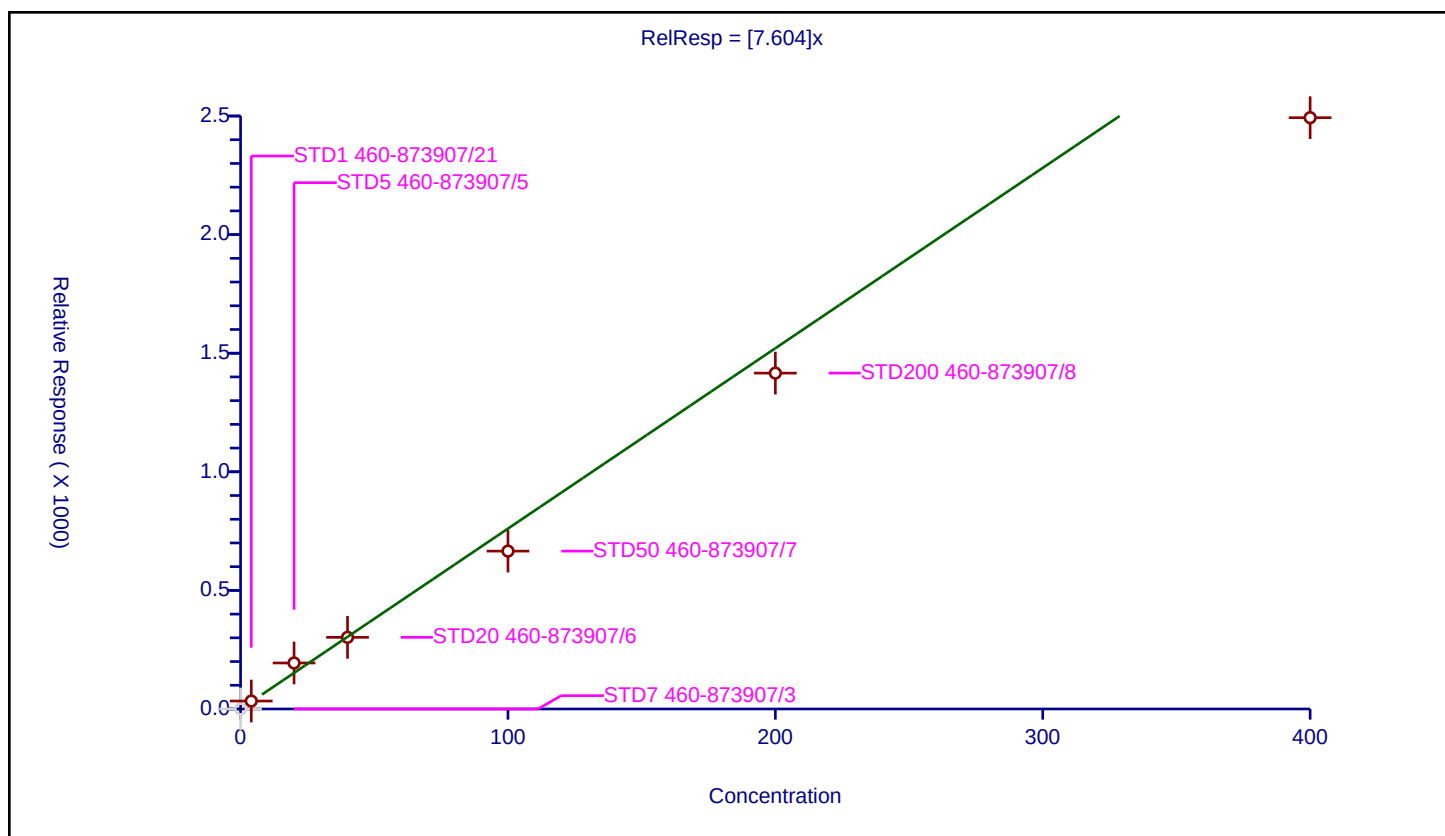
Curve Coefficients

Intercept: 0
Slope: 7.604

Error Coefficients

Standard Error: 92700
Relative Standard Error: 16.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	4.0	33.613777	1000.0	50753.0	8.403444	Y
3	STD5 460-873907/5	20.0	194.045839	1000.0	49478.0	9.702292	Y
4	STD20 460-873907/6	40.0	302.014737	1000.0	56186.0	7.550368	Y
5	STD50 460-873907/7	100.0	665.656113	1000.0	58054.0	6.656561	Y
6	STD200 460-873907/8	200.0	1416.107913	1000.0	63236.0	7.08054	Y
7	STD500 460-873907/9	400.0	2493.016891	1000.0	74537.0	6.232542	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

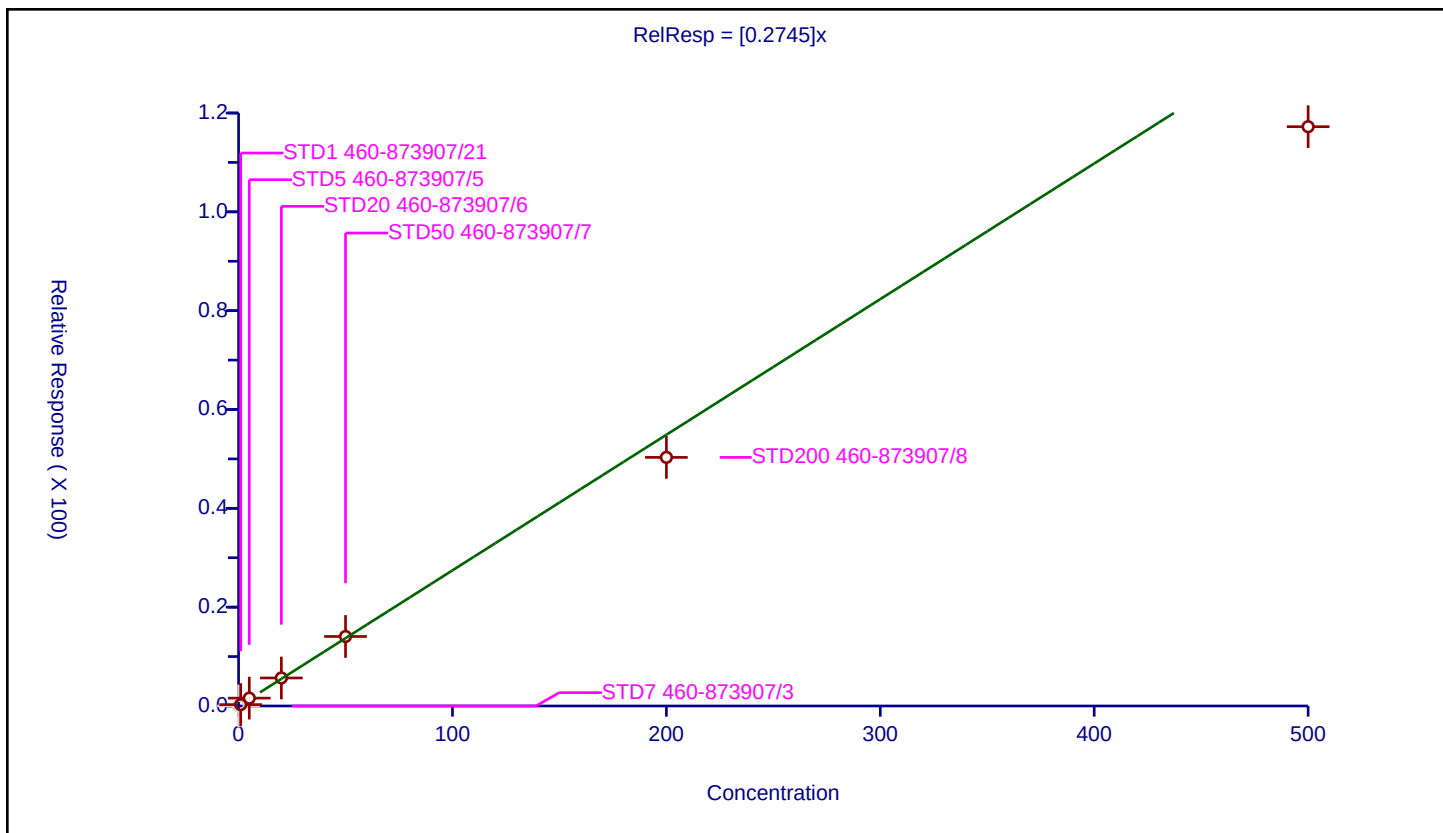
Curve Coefficients

Intercept: 0
 Slope: 0.2745

Error Coefficients

Standard Error: 654000
 Relative Standard Error: 10.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.278326	50.0	453604.0	0.278326	Y
3	STD5 460-873907/5	5.0	1.587881	50.0	407839.0	0.317576	Y
4	STD20 460-873907/6	20.0	5.669493	50.0	467070.0	0.283475	Y
5	STD50 460-873907/7	50.0	14.065996	50.0	465207.0	0.28132	Y
6	STD200 460-873907/8	200.0	50.309608	50.0	508547.0	0.251548	Y
7	STD500 460-873907/9	500.0	117.23179	50.0	581466.0	0.234464	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

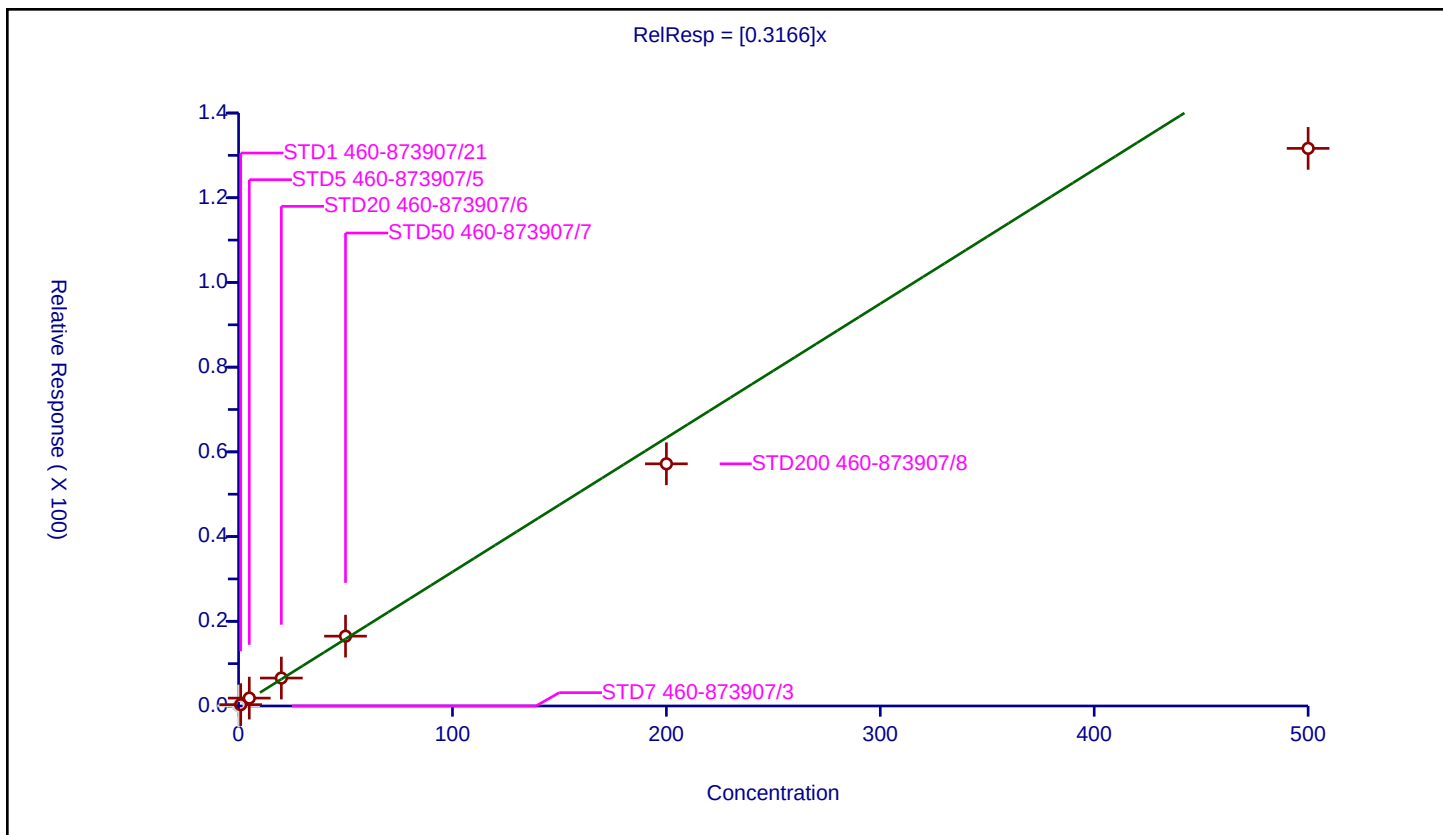
Curve Coefficients

Intercept: 0
 Slope: 0.3166

Error Coefficients

Standard Error: 736000
 Relative Standard Error: 12.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.31867	50.0	453604.0	0.31867	Y
3	STD5 460-873907/5	5.0	1.862254	50.0	407839.0	0.372451	Y
4	STD20 460-873907/6	20.0	6.593872	50.0	467070.0	0.329694	Y
5	STD50 460-873907/7	50.0	16.482985	50.0	465207.0	0.32966	Y
6	STD200 460-873907/8	200.0	57.175345	50.0	508547.0	0.285877	Y
7	STD500 460-873907/9	500.0	131.65026	50.0	581466.0	0.263301	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

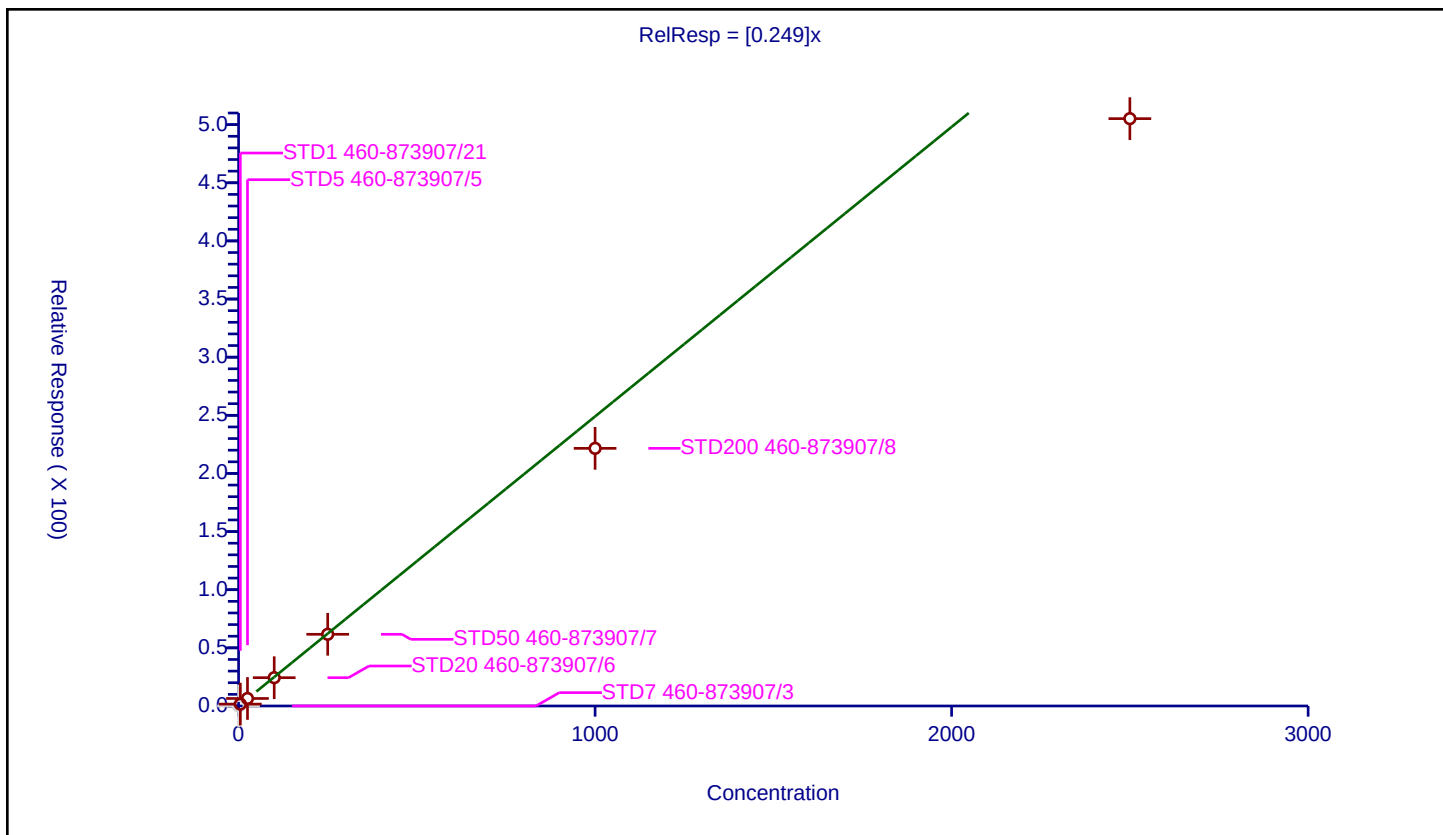
Curve Coefficients

Intercept: 0
Slope: 0.249

Error Coefficients

Standard Error: 290000
Relative Standard Error: 16.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	5.0	1.611491	250.0	210209.0	0.322298	Y
3	STD5 460-873907/5	25.0	6.452884	250.0	204366.0	0.258115	Y
4	STD20 460-873907/6	100.0	24.336146	250.0	225878.0	0.243361	Y
5	STD50 460-873907/7	250.0	61.667355	250.0	237346.0	0.246669	Y
6	STD200 460-873907/8	1000.0	221.586954	250.0	259995.0	0.221587	Y
7	STD500 460-873907/9	2500.0	505.169178	250.0	298355.0	0.202068	Y



Calibration

/ Iodomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

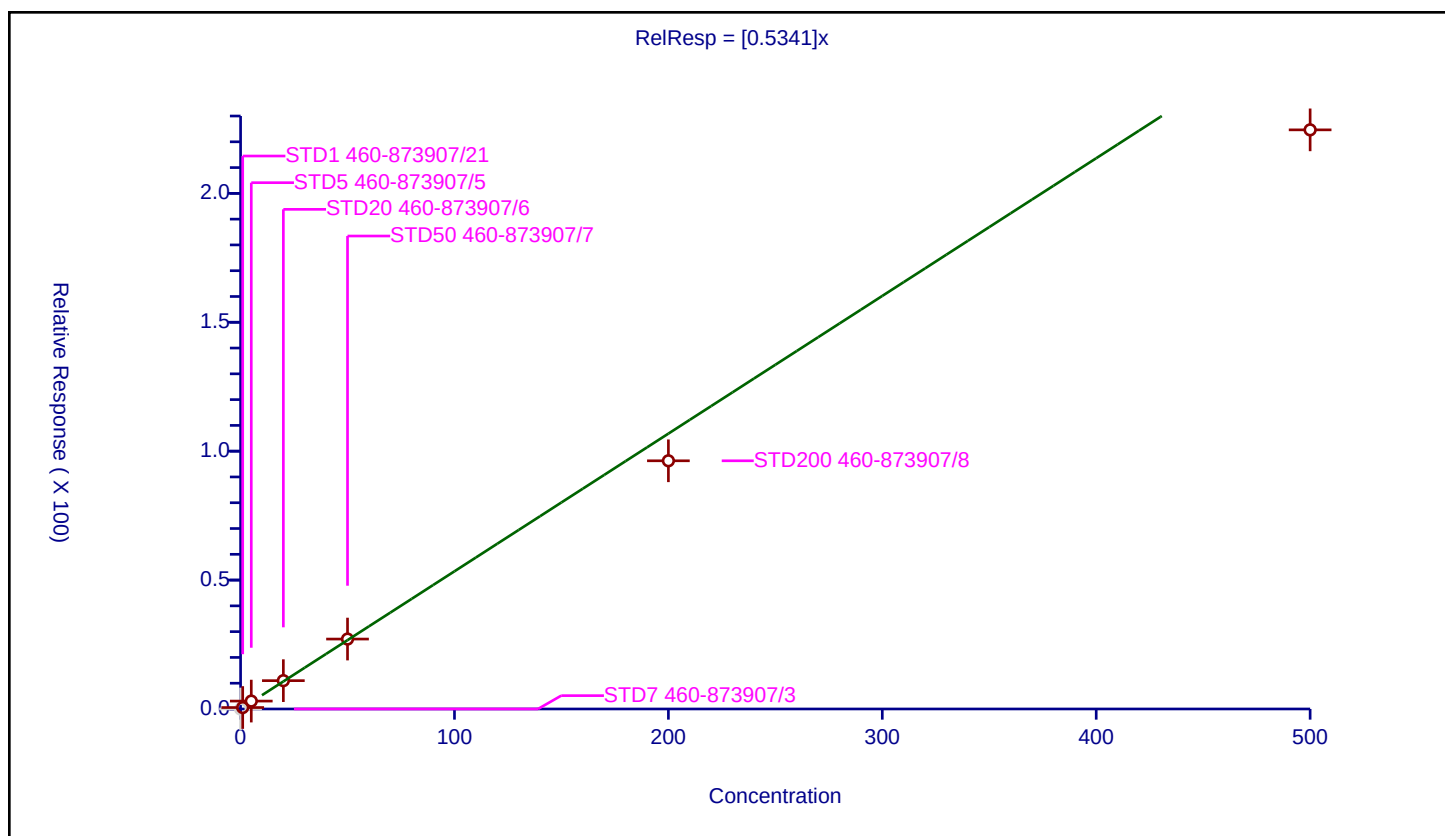
Curve Coefficients

Intercept: 0
 Slope: 0.5341

Error Coefficients

Standard Error: 1250000
 Relative Standard Error: 11.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.568778	50.0	453604.0	0.568778	Y
3	STD5 460-873907/5	5.0	3.065425	50.0	407839.0	0.613085	Y
4	STD20 460-873907/6	20.0	10.989038	50.0	467070.0	0.549452	Y
5	STD50 460-873907/7	50.0	27.121905	50.0	465207.0	0.542438	Y
6	STD200 460-873907/8	200.0	96.273206	50.0	508547.0	0.481366	Y
7	STD500 460-873907/9	500.0	224.632309	50.0	581466.0	0.449265	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

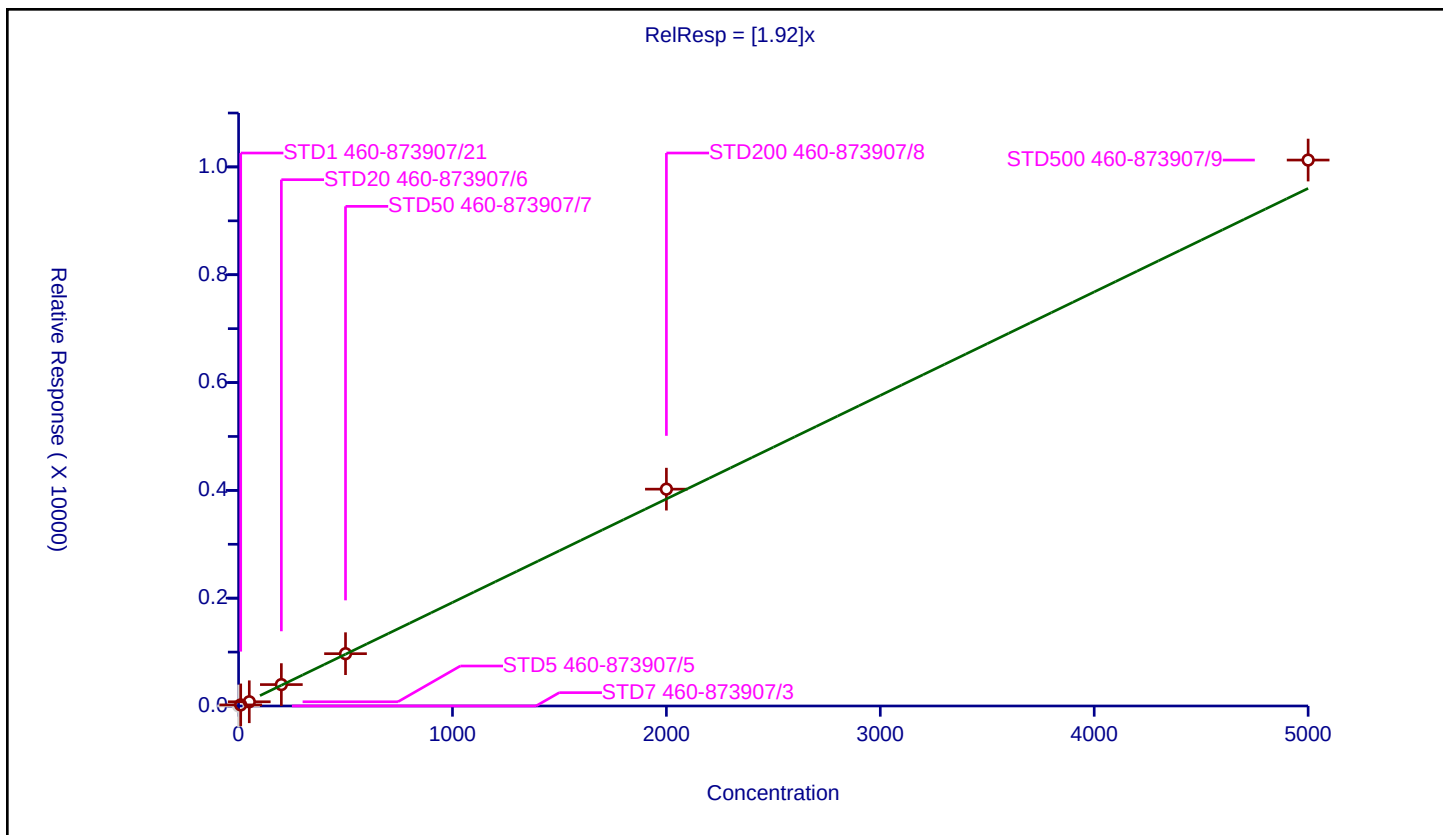
Curve Coefficients

Intercept: 0
 Slope: 1.92

Error Coefficients

Standard Error: 353000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	10.0	19.900301	1000.0	50753.0	1.99003	Y
3	STD5 460-873907/5	50.0	78.479324	1000.0	49478.0	1.569586	Y
4	STD20 460-873907/6	200.0	397.056206	1000.0	56186.0	1.985281	Y
5	STD50 460-873907/7	500.0	970.200158	1000.0	58054.0	1.9404	Y
6	STD200 460-873907/8	2000.0	4022.408122	1000.0	63236.0	2.011204	Y
7	STD500 460-873907/9	5000.0	10127.426647	1000.0	74537.0	2.025485	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

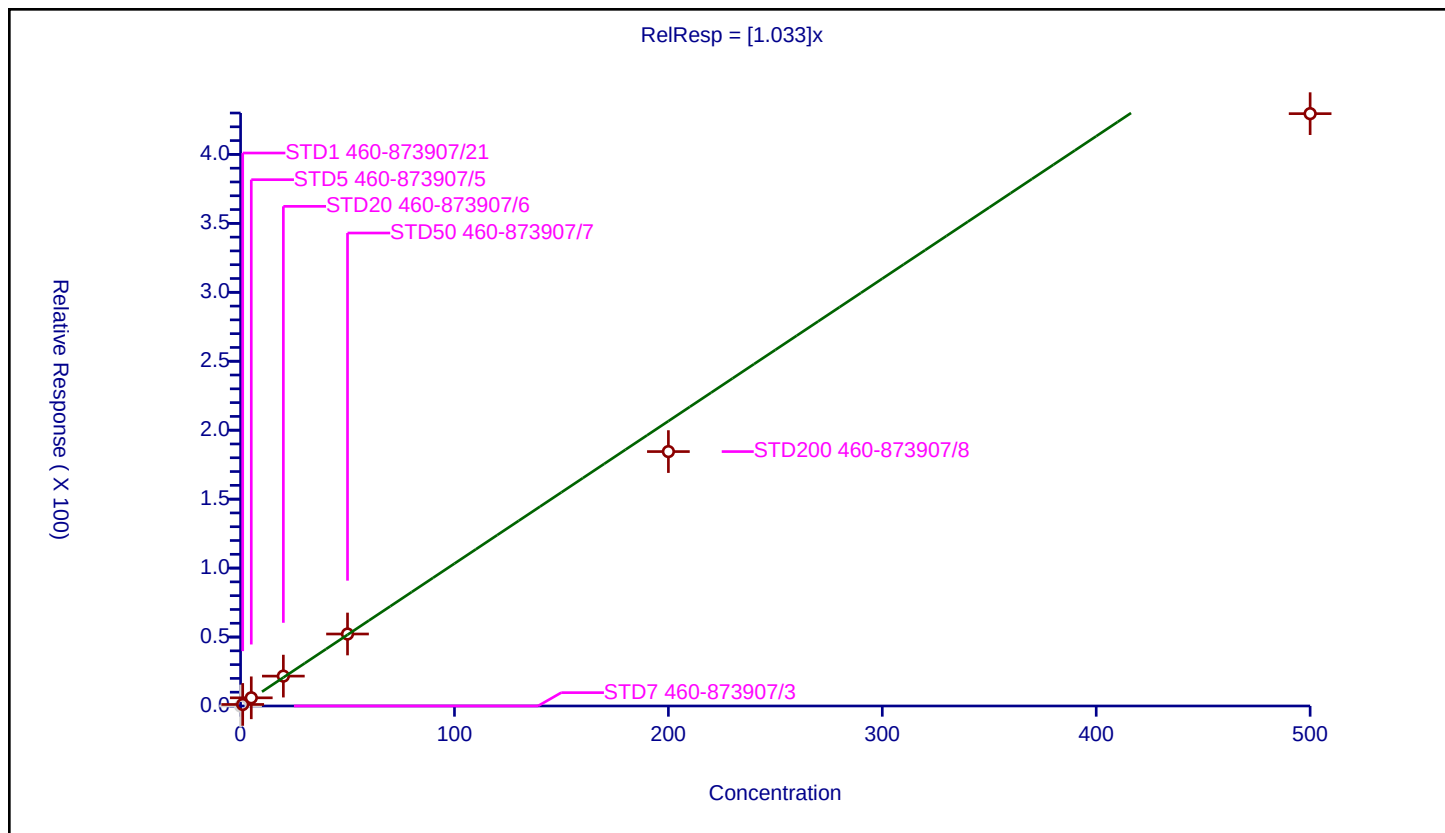
Curve Coefficients

Intercept: 0
 Slope: 1.033

Error Coefficients

Standard Error: 2400000
 Relative Standard Error: 11.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	1.103496	50.0	453604.0	1.103496	Y
3	STD5 460-873907/5	5.0	5.926358	50.0	407839.0	1.185272	Y
4	STD20 460-873907/6	20.0	21.670199	50.0	467070.0	1.08351	Y
5	STD50 460-873907/7	50.0	52.196012	50.0	465207.0	1.04392	Y
6	STD200 460-873907/8	200.0	184.496517	50.0	508547.0	0.922483	Y
7	STD500 460-873907/9	500.0	429.526576	50.0	581466.0	0.859053	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

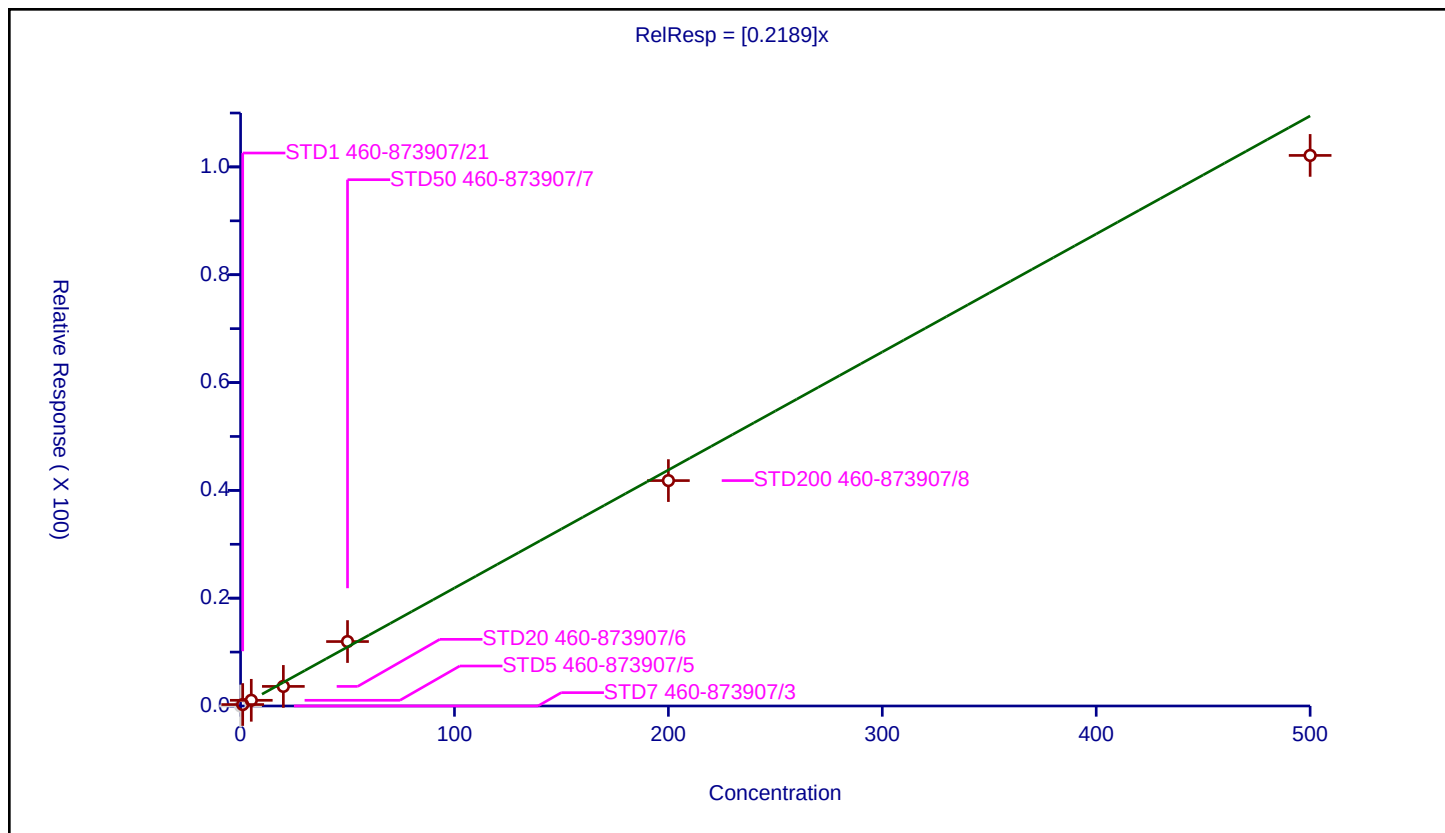
Curve Coefficients

Intercept: 0
 Slope: 0.2189

Error Coefficients

Standard Error: 567000
 Relative Standard Error: 13.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.267965	50.0	453604.0	0.267965	Y
3	STD5 460-873907/5	5.0	1.05728	50.0	407839.0	0.211456	Y
4	STD20 460-873907/6	20.0	3.631469	50.0	467070.0	0.181573	Y
5	STD50 460-873907/7	50.0	11.956183	50.0	465207.0	0.239124	Y
6	STD200 460-873907/8	200.0	41.813048	50.0	508547.0	0.209065	Y
7	STD500 460-873907/9	500.0	102.135464	50.0	581466.0	0.204271	Y



Calibration

/ Methyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

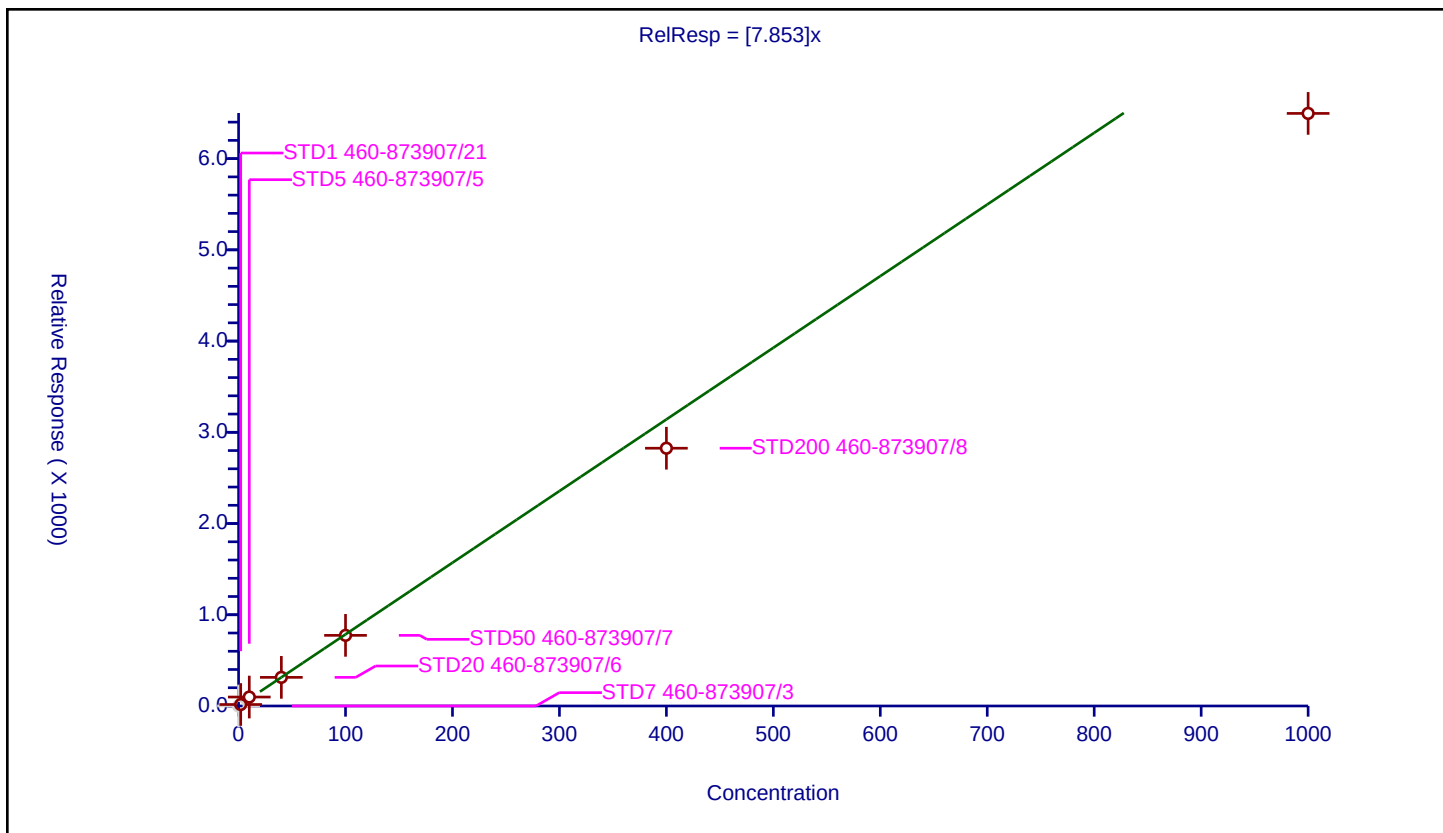
Curve Coefficients

Intercept: 0
 Slope: 7.853

Error Coefficients

Standard Error: 228000
 Relative Standard Error: 14.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	2.0	16.33401	1000.0	50753.0	8.167005	Y
3	STD5 460-873907/5	10.0	98.083997	1000.0	49478.0	9.8084	Y
4	STD20 460-873907/6	40.0	313.743637	1000.0	56186.0	7.843591	Y
5	STD50 460-873907/7	100.0	774.175767	1000.0	58054.0	7.741758	Y
6	STD200 460-873907/8	400.0	2825.747992	1000.0	63236.0	7.06437	Y
7	STD500 460-873907/9	1000.0	6495.726954	1000.0	74537.0	6.495727	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

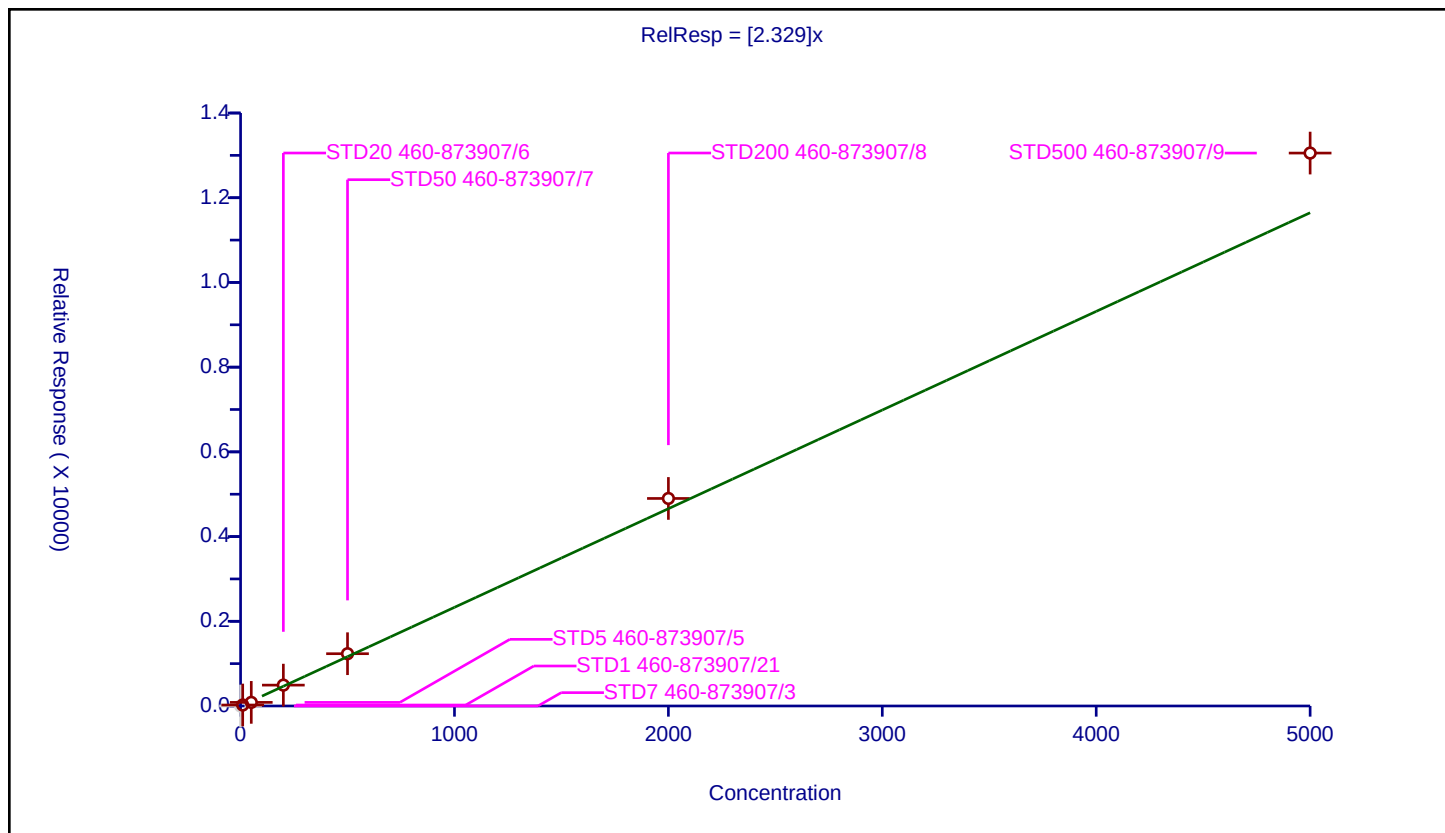
Curve Coefficients

Intercept: 0
 Slope: 2.329

Error Coefficients

Standard Error: 452000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	10.0	22.776979	1000.0	50753.0	2.277698	Y
3	STD5 460-873907/5	50.0	85.290432	1000.0	49478.0	1.705809	Y
4	STD20 460-873907/6	200.0	492.41804	1000.0	56186.0	2.46209	Y
5	STD50 460-873907/7	500.0	1234.126847	1000.0	58054.0	2.468254	Y
6	STD200 460-873907/8	2000.0	4899.914606	1000.0	63236.0	2.449957	Y
7	STD500 460-873907/9	5000.0	13054.550089	1000.0	74537.0	2.61091	Y



Calibration

/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

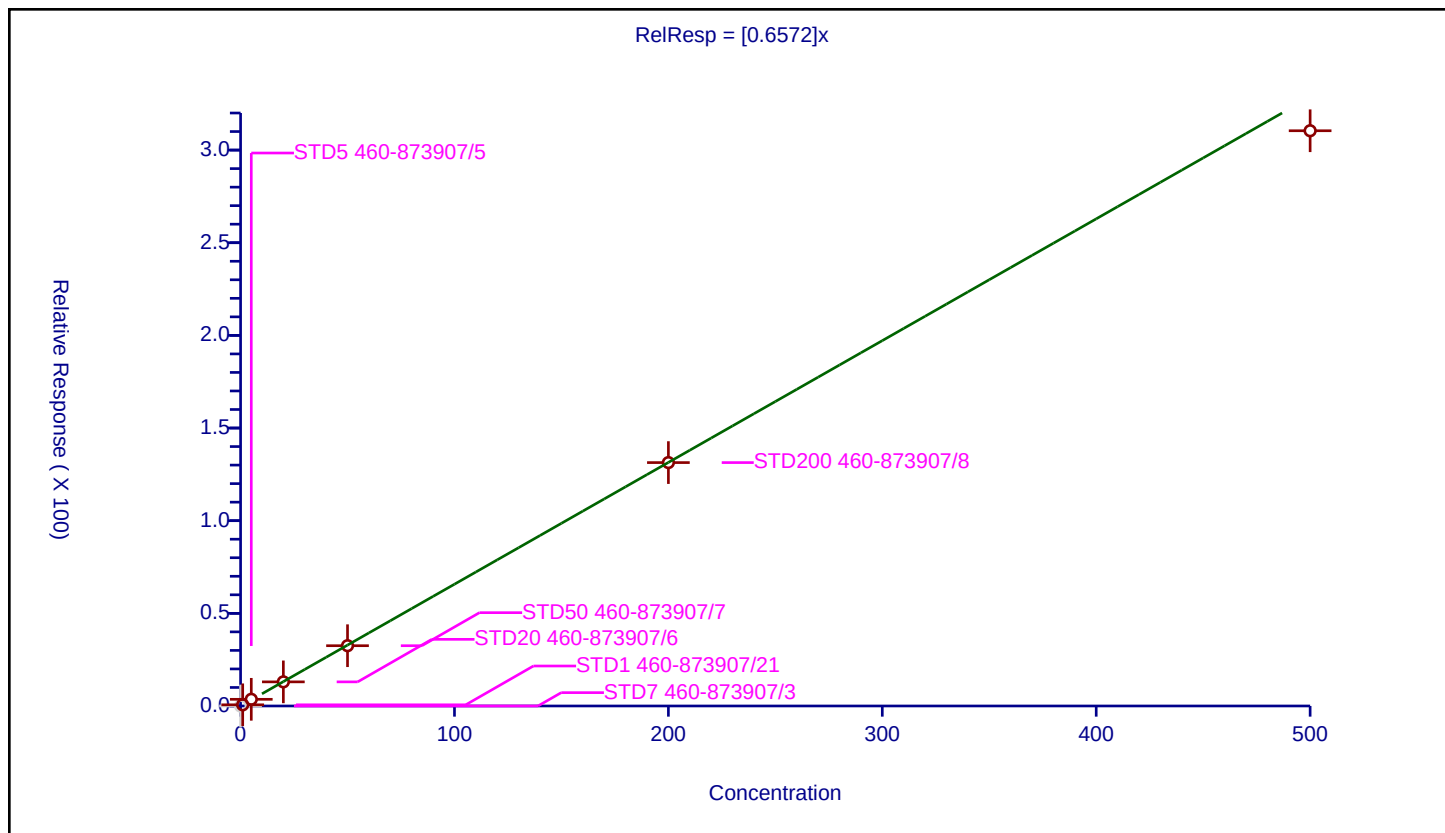
Curve Coefficients

Intercept: 0
 Slope: 0.6572

Error Coefficients

Standard Error: 1730000
 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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.642521	50.0	453604.0	0.642521	Y
3	STD5 460-873907/5	5.0	3.60657	50.0	407839.0	0.721314	Y
4	STD20 460-873907/6	20.0	13.021282	50.0	467070.0	0.651064	Y
5	STD50 460-873907/7	50.0	32.536806	50.0	465207.0	0.650736	Y
6	STD200 460-873907/8	200.0	131.354231	50.0	508547.0	0.656771	Y
7	STD500 460-873907/9	500.0	310.428899	50.0	581466.0	0.620858	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

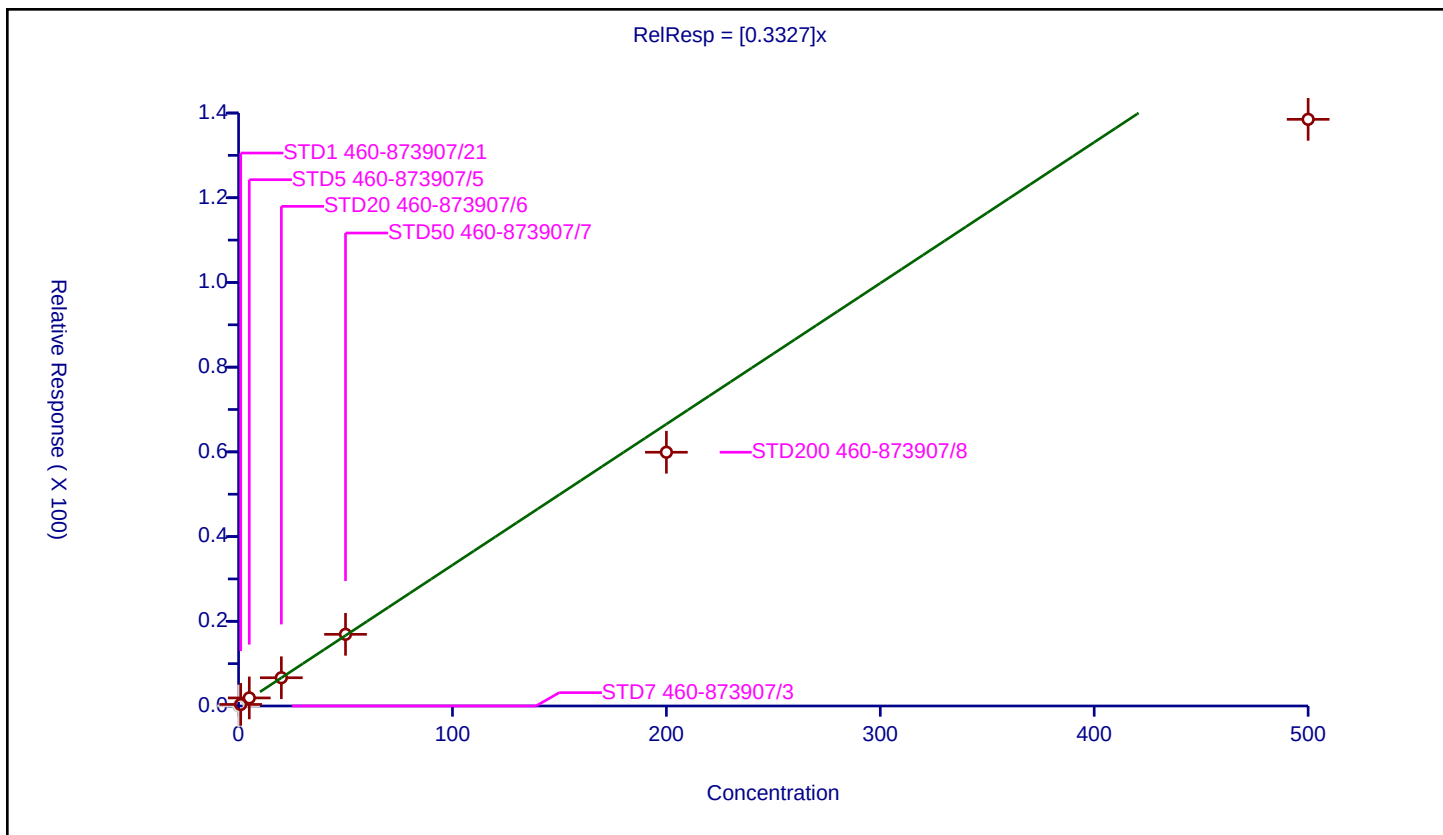
Curve Coefficients

Intercept: 0
 Slope: 0.3327

Error Coefficients

Standard Error: 774000
 Relative Standard Error: 11.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.366399	50.0	453604.0	0.366399	Y
3	STD5 460-873907/5	5.0	1.907125	50.0	407839.0	0.381425	Y
4	STD20 460-873907/6	20.0	6.671805	50.0	467070.0	0.33359	Y
5	STD50 460-873907/7	50.0	16.919135	50.0	465207.0	0.338383	Y
6	STD200 460-873907/8	200.0	59.9099	50.0	508547.0	0.29955	Y
7	STD500 460-873907/9	500.0	138.506809	50.0	581466.0	0.277014	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

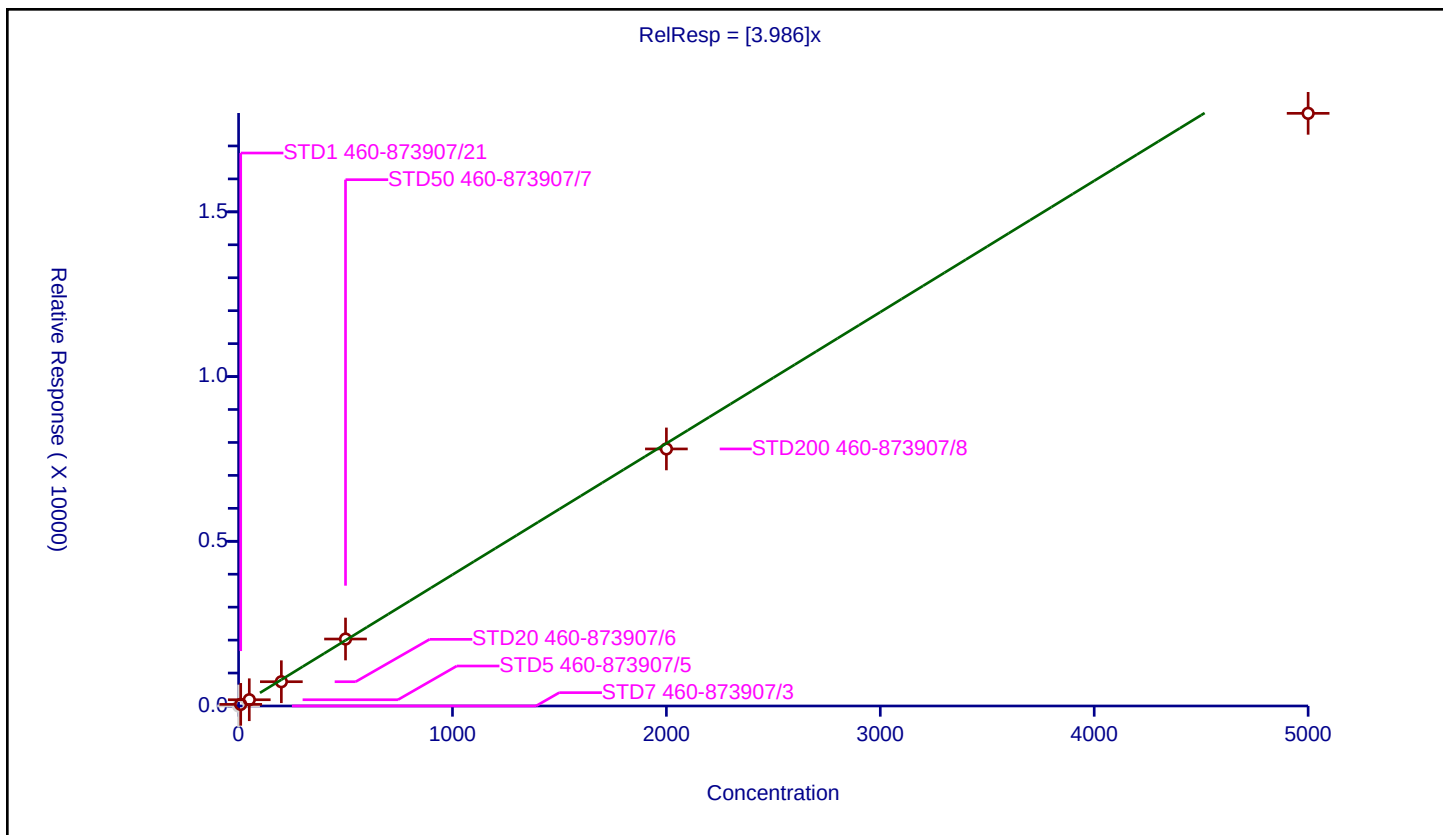
Curve Coefficients

Intercept: 0
 Slope: 3.986

Error Coefficients

Standard Error: 632000
 Relative Standard Error: 11.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	10.0	48.647371	1000.0	50753.0	4.864737	Y
3	STD5 460-873907/5	50.0	190.04406	1000.0	49478.0	3.800881	Y
4	STD20 460-873907/6	200.0	736.624782	1000.0	56186.0	3.683124	Y
5	STD50 460-873907/7	500.0	2032.624798	1000.0	58054.0	4.06525	Y
6	STD200 460-873907/8	2000.0	7803.071035	1000.0	63236.0	3.901536	Y
7	STD500 460-873907/9	5000.0	17990.19279	1000.0	74537.0	3.598039	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

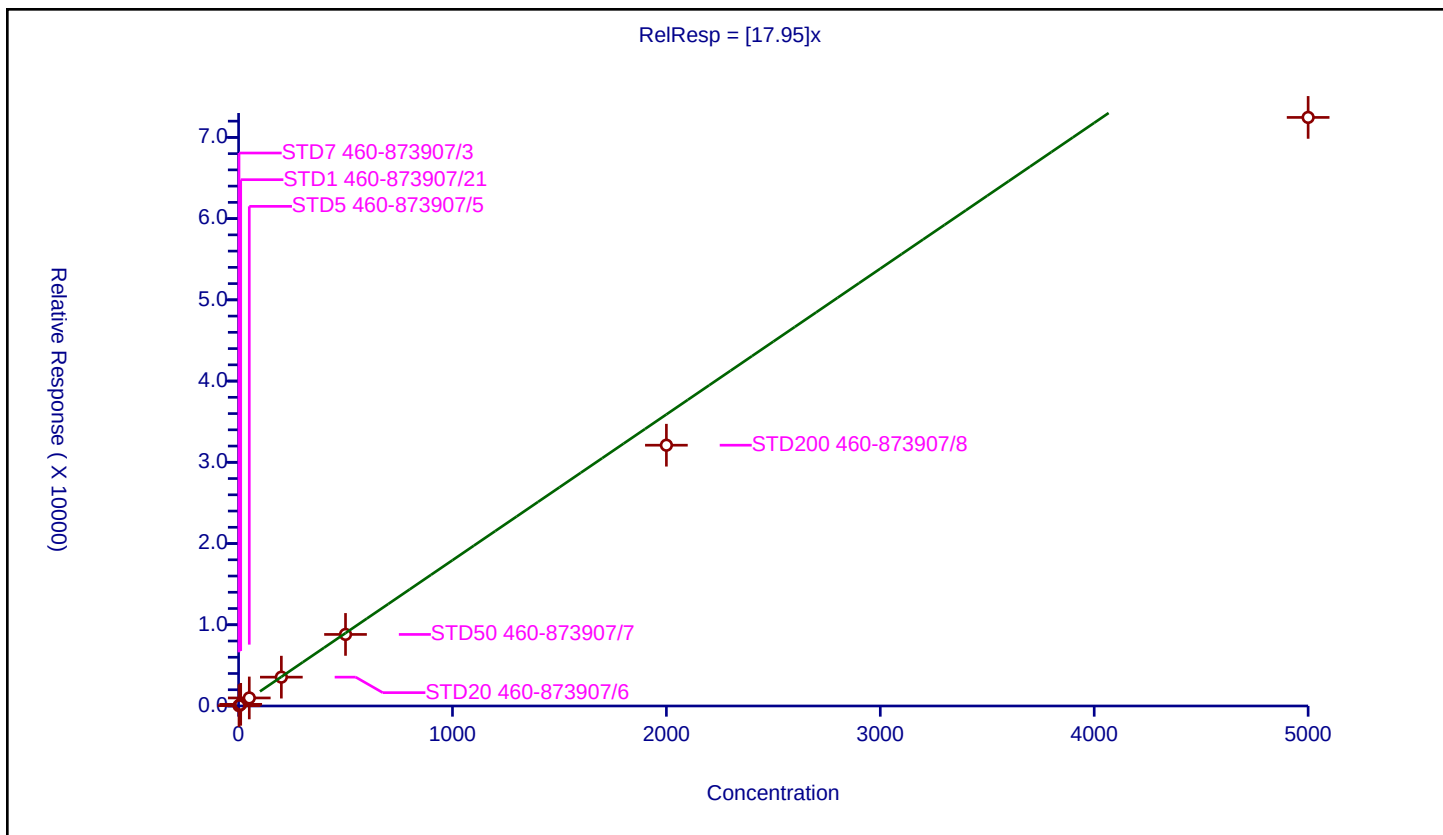
Curve Coefficients

Intercept: 0
 Slope: 17.95

Error Coefficients

Standard Error: 2330000
 Relative Standard Error: 12.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	2.0	38.986177	1000.0	54763.0	19.493088	Y
2	STD1 460-873907/21	10.0	204.657853	1000.0	50753.0	20.465785	Y
3	STD5 460-873907/5	50.0	988.216985	1000.0	49478.0	19.76434	Y
4	STD20 460-873907/6	200.0	3548.962375	1000.0	56186.0	17.744812	Y
5	STD50 460-873907/7	500.0	8809.143211	1000.0	58054.0	17.618286	Y
6	STD200 460-873907/8	2000.0	32105.841609	1000.0	63236.0	16.052921	Y
7	STD500 460-873907/9	5000.0	72457.115258	1000.0	74537.0	14.491423	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

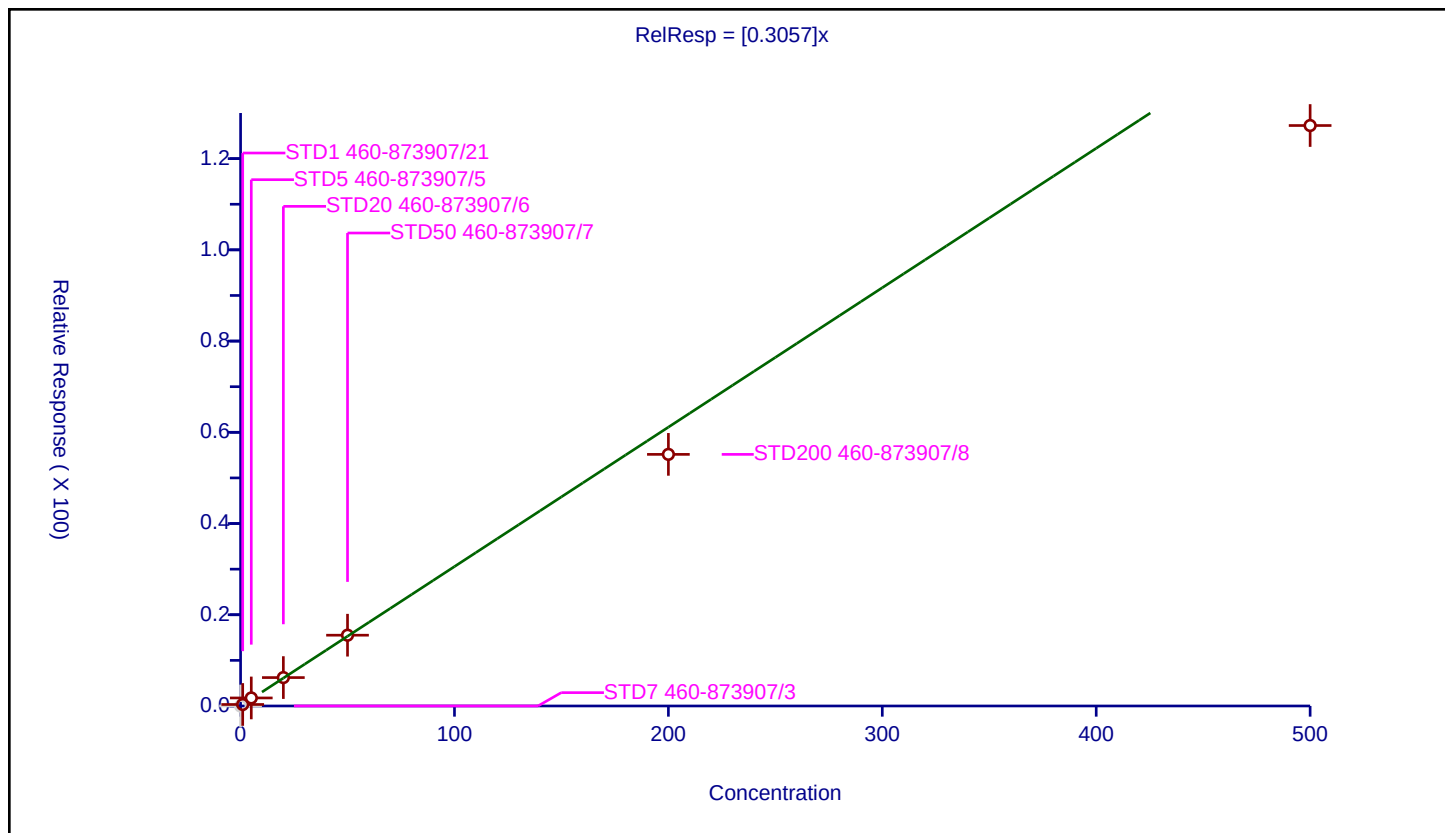
Curve Coefficients

Intercept: 0
Slope: 0.3057

Error Coefficients

Standard Error: 711000
Relative Standard Error: 11.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.329583	50.0	453604.0	0.329583	Y
3	STD5 460-873907/5	5.0	1.761602	50.0	407839.0	0.35232	Y
4	STD20 460-873907/6	20.0	6.227011	50.0	467070.0	0.311351	Y
5	STD50 460-873907/7	50.0	15.520188	50.0	465207.0	0.310404	Y
6	STD200 460-873907/8	200.0	55.163633	50.0	508547.0	0.275818	Y
7	STD500 460-873907/9	500.0	127.255506	50.0	581466.0	0.254511	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

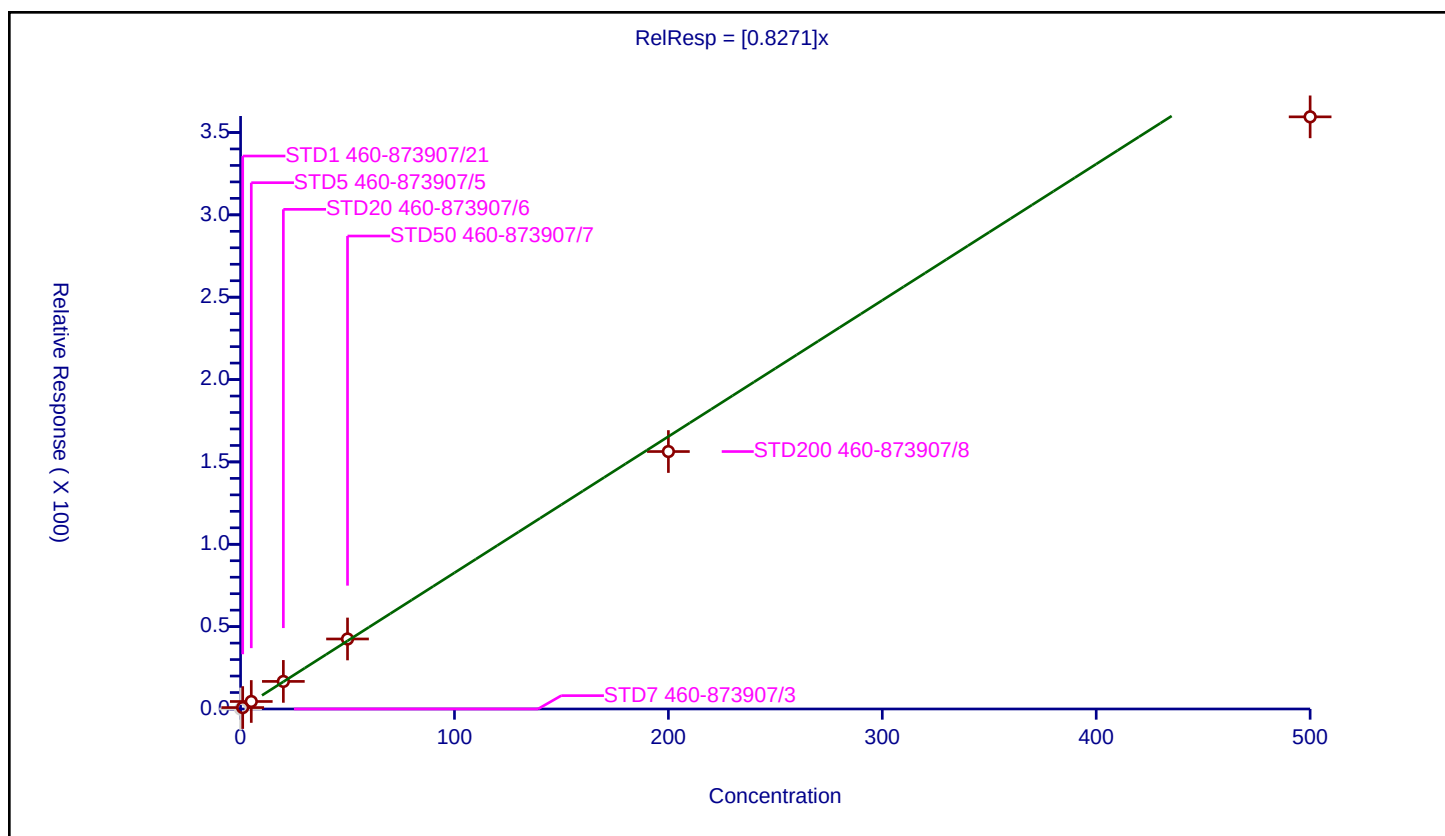
Curve Coefficients

Intercept: 0
Slope: 0.8271

Error Coefficients

Standard Error: 2010000
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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.863639	50.0	453604.0	0.863639	Y
3	STD5 460-873907/5	5.0	4.55621	50.0	407839.0	0.911242	Y
4	STD20 460-873907/6	20.0	16.739996	50.0	467070.0	0.837	Y
5	STD50 460-873907/7	50.0	42.498931	50.0	465207.0	0.849979	Y
6	STD200 460-873907/8	200.0	156.299516	50.0	508547.0	0.781498	Y
7	STD500 460-873907/9	500.0	359.502189	50.0	581466.0	0.719004	Y



Calibration

/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

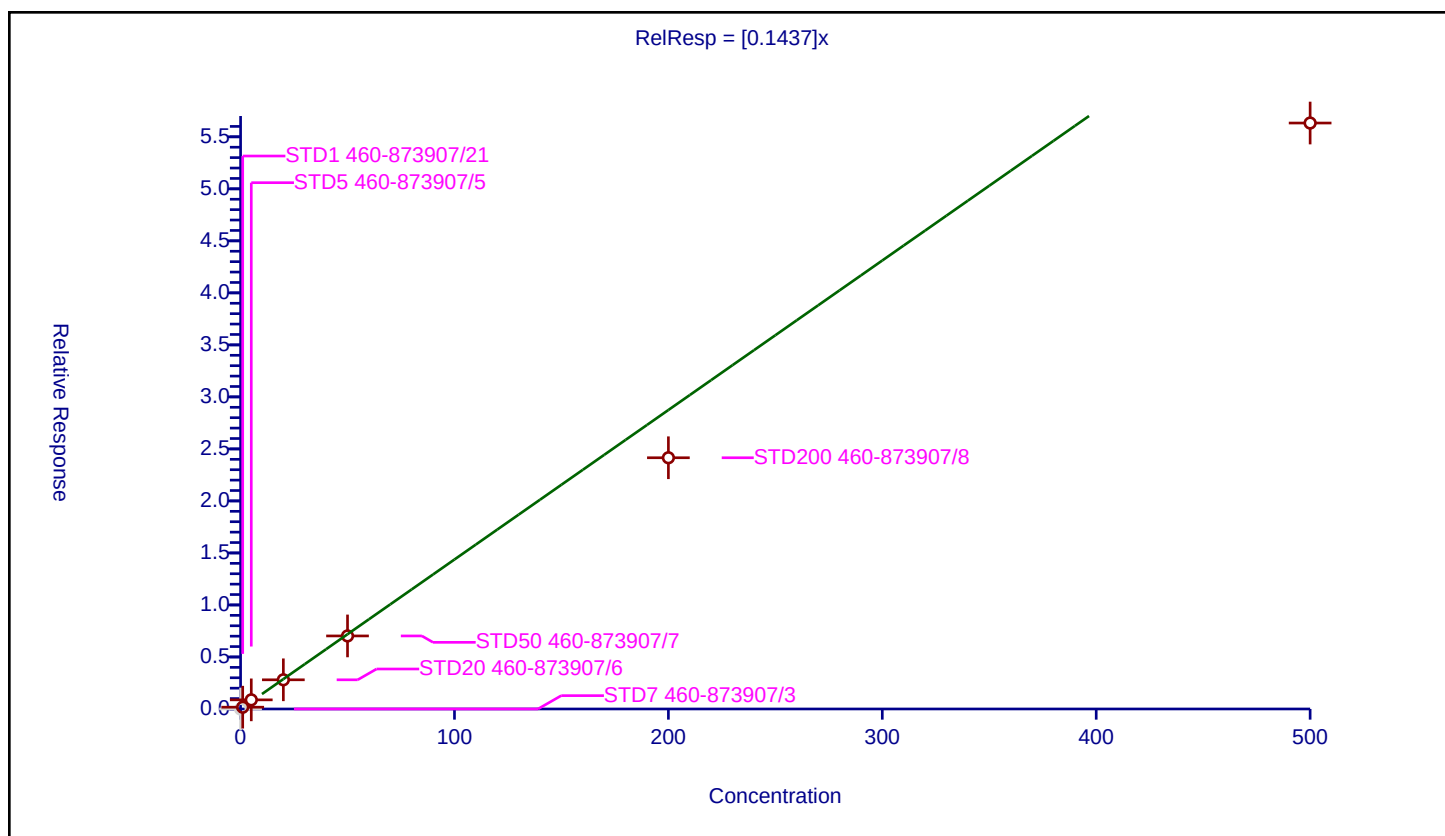
Curve Coefficients

Intercept: 0
Slope: 0.1437

Error Coefficients

Standard Error: 314000
Relative Standard Error: 18.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.959

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.172618	50.0	453604.0	0.172618	Y
3	STD5 460-873907/5	5.0	0.877307	50.0	407839.0	0.175461	Y
4	STD20 460-873907/6	20.0	2.806325	50.0	467070.0	0.140316	Y
5	STD50 460-873907/7	50.0	7.022035	50.0	465207.0	0.140441	Y
6	STD200 460-873907/8	200.0	24.14998	50.0	508547.0	0.12075	Y
7	STD500 460-873907/9	500.0	56.325563	50.0	581466.0	0.112651	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

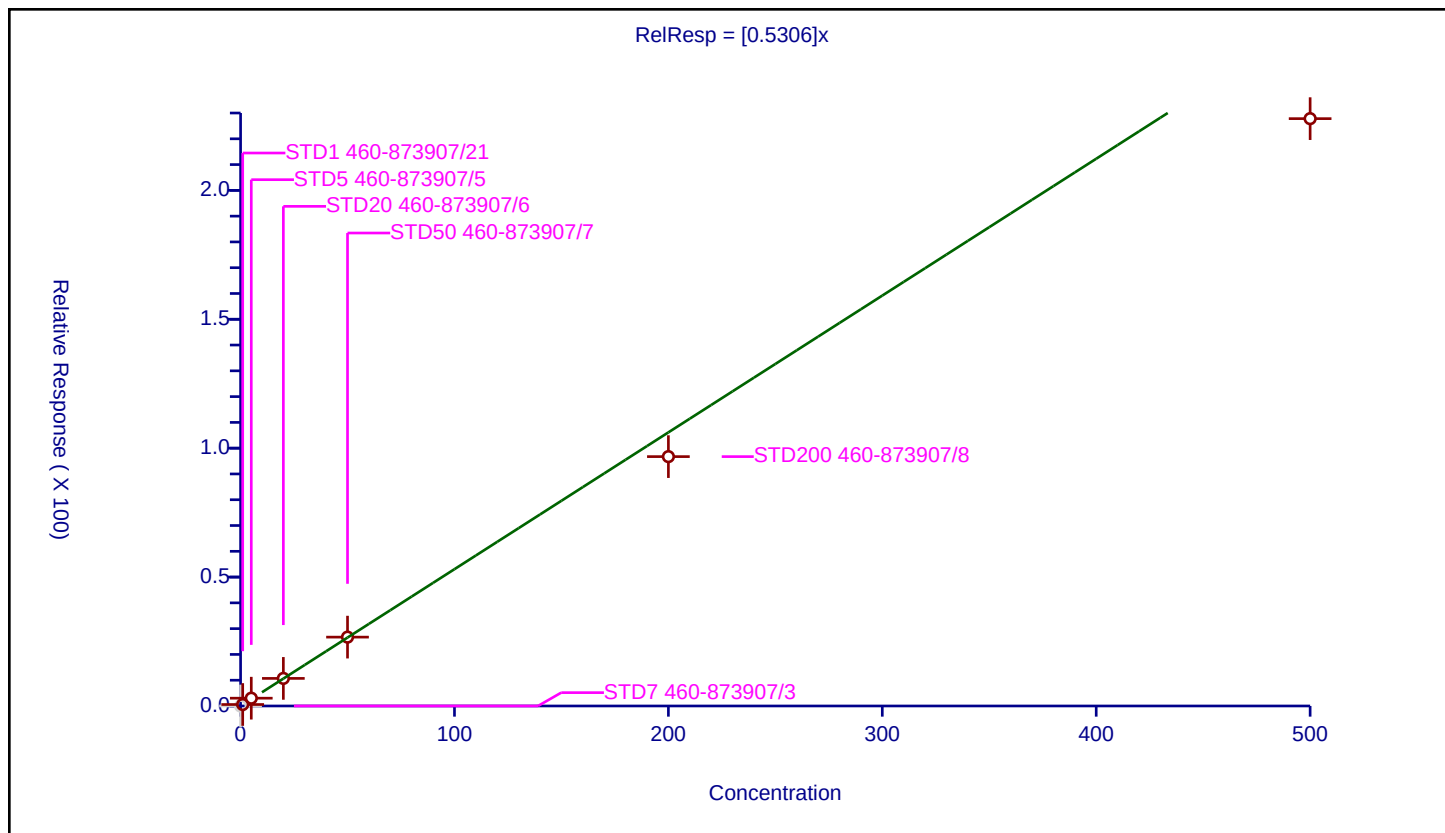
Curve Coefficients

Intercept: 0
 Slope: 0.5306

Error Coefficients

Standard Error: 1270000
 Relative Standard Error: 10.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.570872	50.0	453604.0	0.570872	Y
3	STD5 460-873907/5	5.0	3.022148	50.0	407839.0	0.60443	Y
4	STD20 460-873907/6	20.0	10.700966	50.0	467070.0	0.535048	Y
5	STD50 460-873907/7	50.0	26.71284	50.0	465207.0	0.534257	Y
6	STD200 460-873907/8	200.0	96.723508	50.0	508547.0	0.483618	Y
7	STD500 460-873907/9	500.0	227.813922	50.0	581466.0	0.455628	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

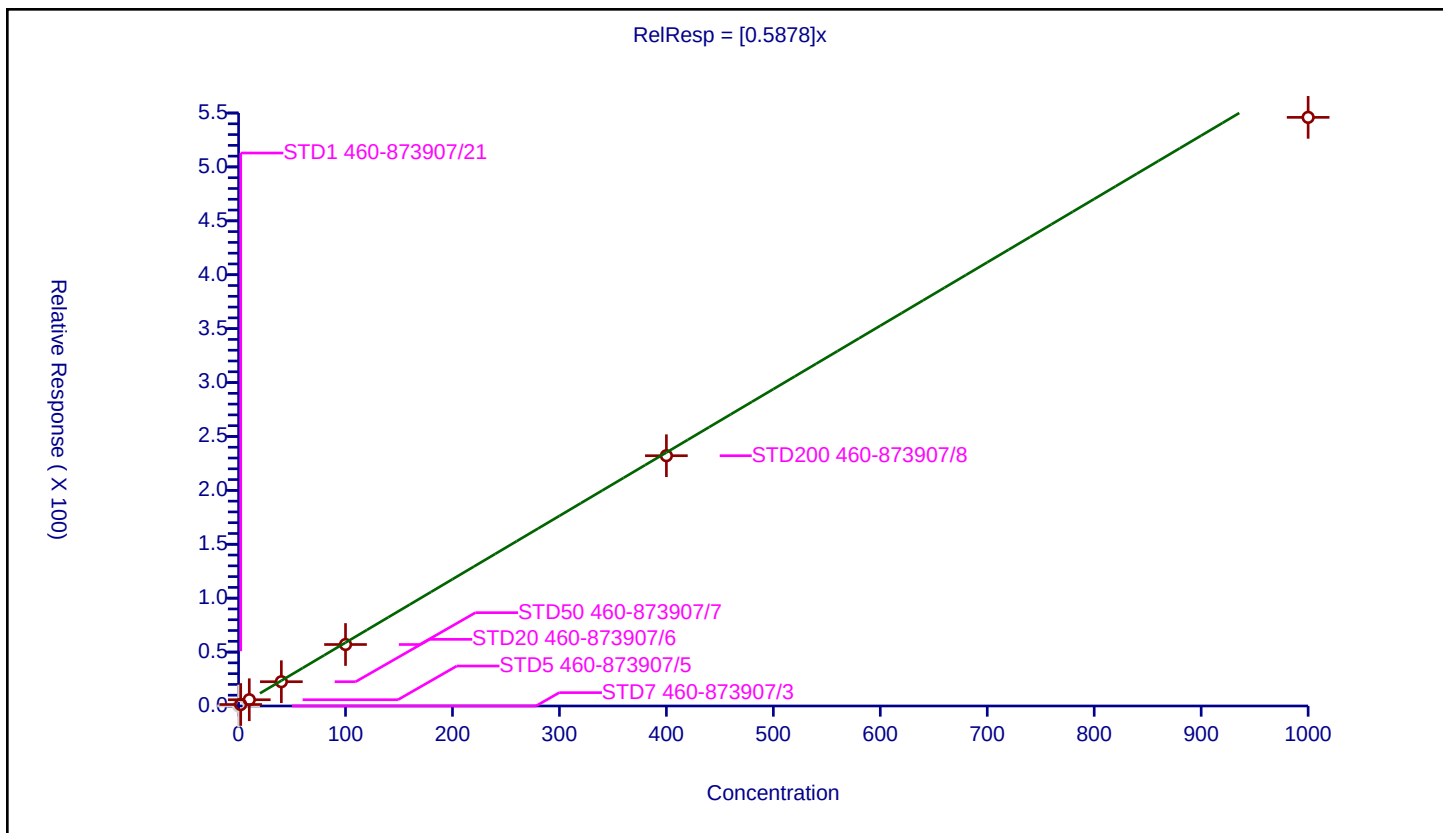
Curve Coefficients

Intercept: 0
 Slope: 0.5878

Error Coefficients

Standard Error: 312000
 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 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	2.0	1.374822	250.0	210209.0	0.687411	Y
3	STD5 460-873907/5	10.0	5.803314	250.0	204366.0	0.580331	Y
4	STD20 460-873907/6	40.0	22.508832	250.0	225878.0	0.562721	Y
5	STD50 460-873907/7	100.0	57.021184	250.0	237346.0	0.570212	Y
6	STD200 460-873907/8	400.0	232.137156	250.0	259995.0	0.580343	Y
7	STD500 460-873907/9	1000.0	545.956998	250.0	298355.0	0.545957	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

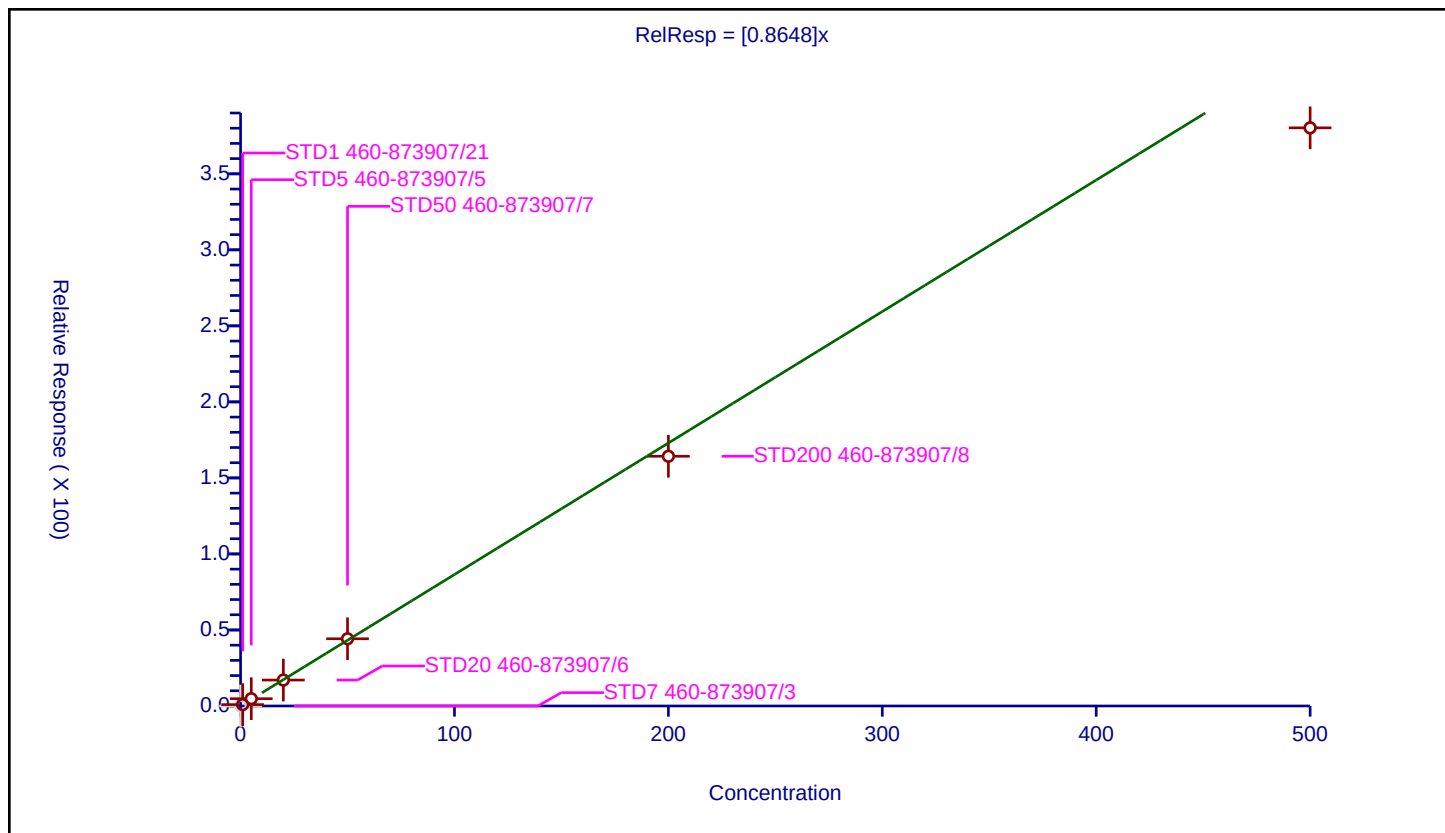
Curve Coefficients

Intercept: 0
 Slope: 0.8648

Error Coefficients

Standard Error: 2120000
 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 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.911698	50.0	453604.0	0.911698	Y
3	STD5 460-873907/5	5.0	4.792455	50.0	407839.0	0.958491	Y
4	STD20 460-873907/6	20.0	17.050121	50.0	467070.0	0.852506	Y
5	STD50 460-873907/7	50.0	44.212254	50.0	465207.0	0.884245	Y
6	STD200 460-873907/8	200.0	164.240768	50.0	508547.0	0.821204	Y
7	STD500 460-873907/9	500.0	380.25336	50.0	581466.0	0.760507	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

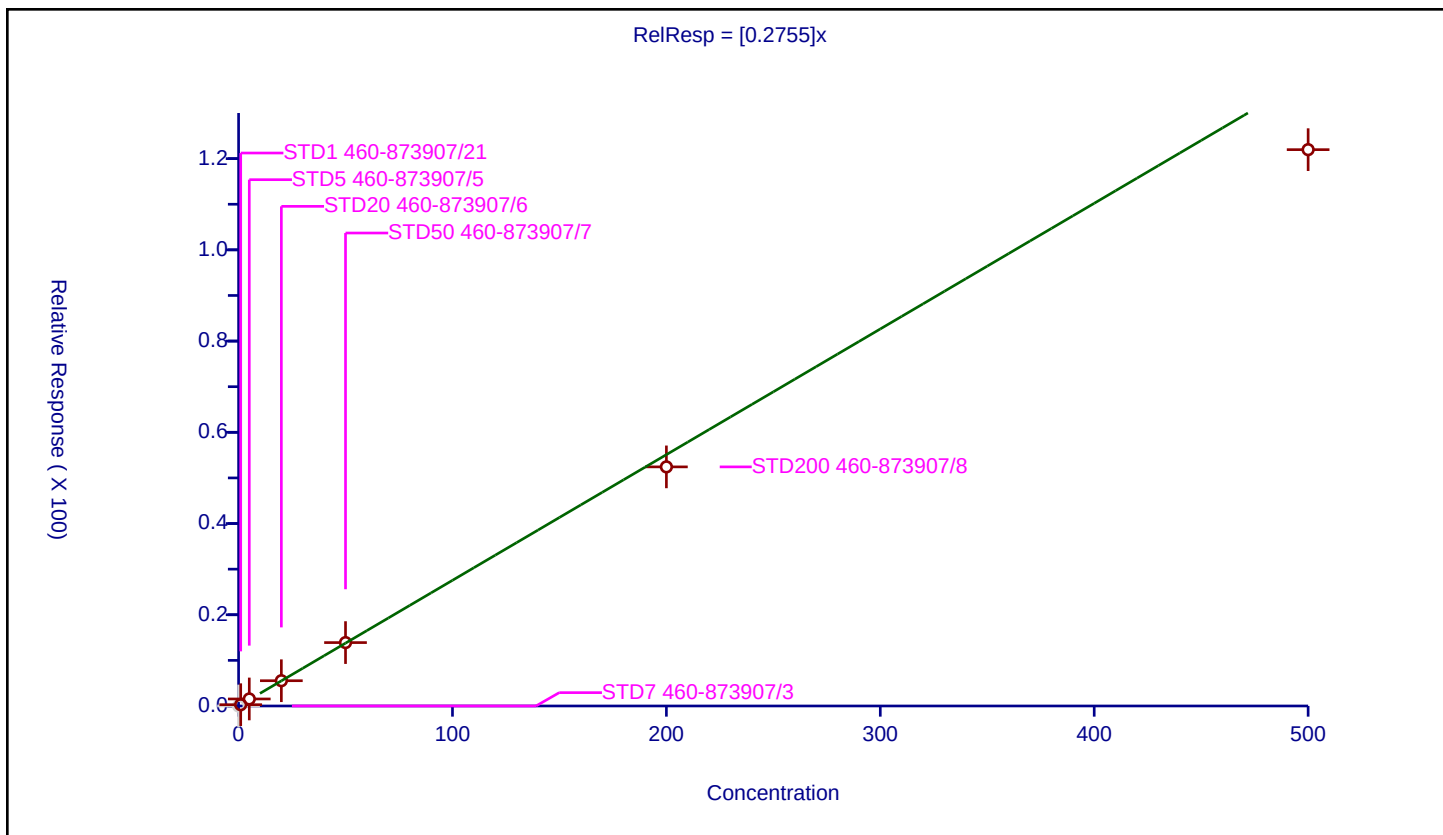
Curve Coefficients

Intercept: 0
 Slope: 0.2755

Error Coefficients

Standard Error: 680000
 Relative Standard Error: 7.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.283617	50.0	453604.0	0.283617	Y
3	STD5 460-873907/5	5.0	1.543256	50.0	407839.0	0.308651	Y
4	STD20 460-873907/6	20.0	5.536964	50.0	467070.0	0.276848	Y
5	STD50 460-873907/7	50.0	13.897684	50.0	465207.0	0.277954	Y
6	STD200 460-873907/8	200.0	52.419934	50.0	508547.0	0.2621	Y
7	STD500 460-873907/9	500.0	121.96775	50.0	581466.0	0.243936	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

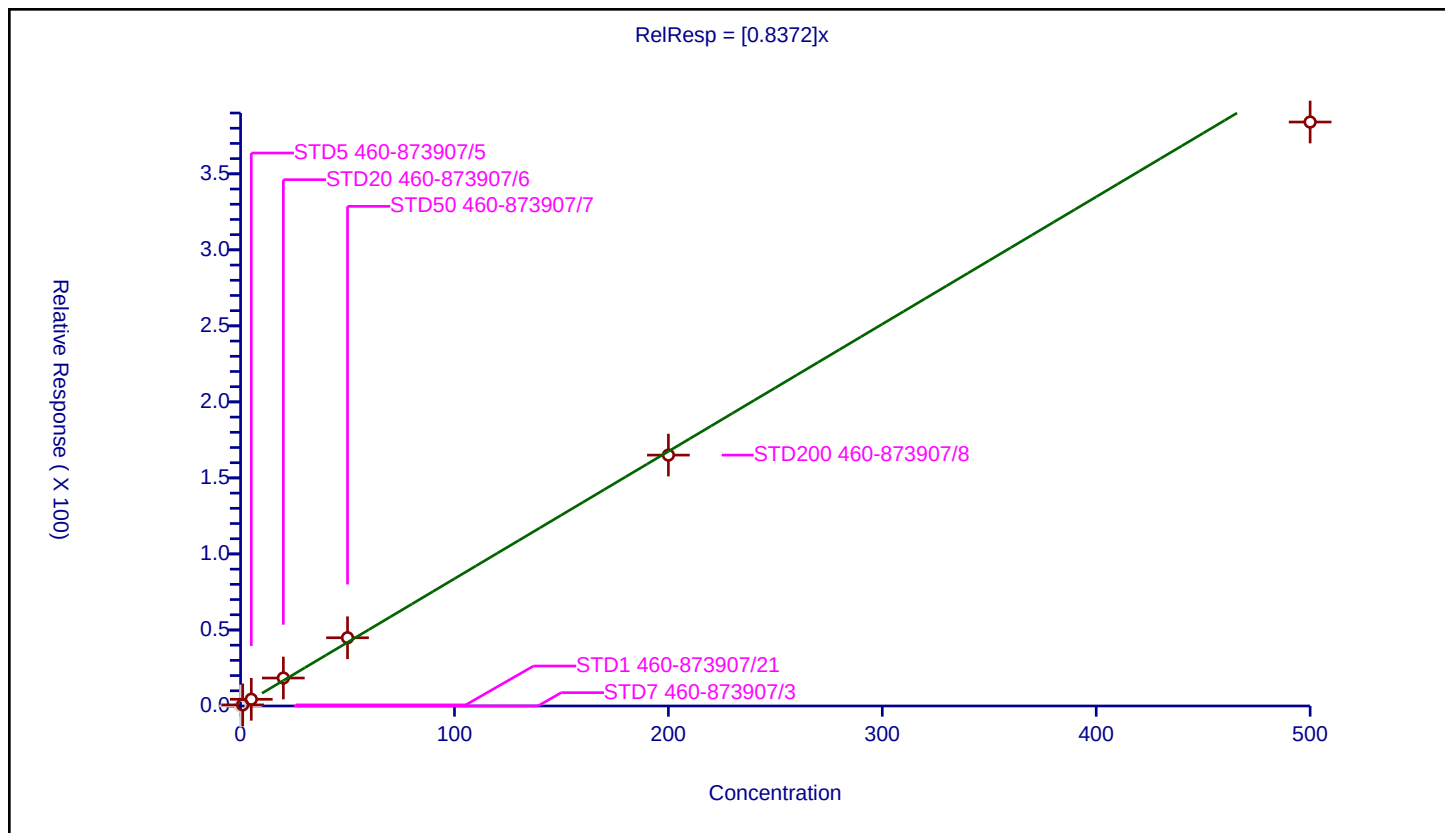
Curve Coefficients

Intercept: 0
 Slope: 0.8372

Error Coefficients

Standard Error: 2140000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.731916	50.0	453604.0	0.731916	Y
3	STD5 460-873907/5	5.0	4.407131	50.0	407839.0	0.881426	Y
4	STD20 460-873907/6	20.0	18.38461	50.0	467070.0	0.919231	Y
5	STD50 460-873907/7	50.0	44.873572	50.0	465207.0	0.897471	Y
6	STD200 460-873907/8	200.0	165.012378	50.0	508547.0	0.825062	Y
7	STD500 460-873907/9	500.0	384.077917	50.0	581466.0	0.768156	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

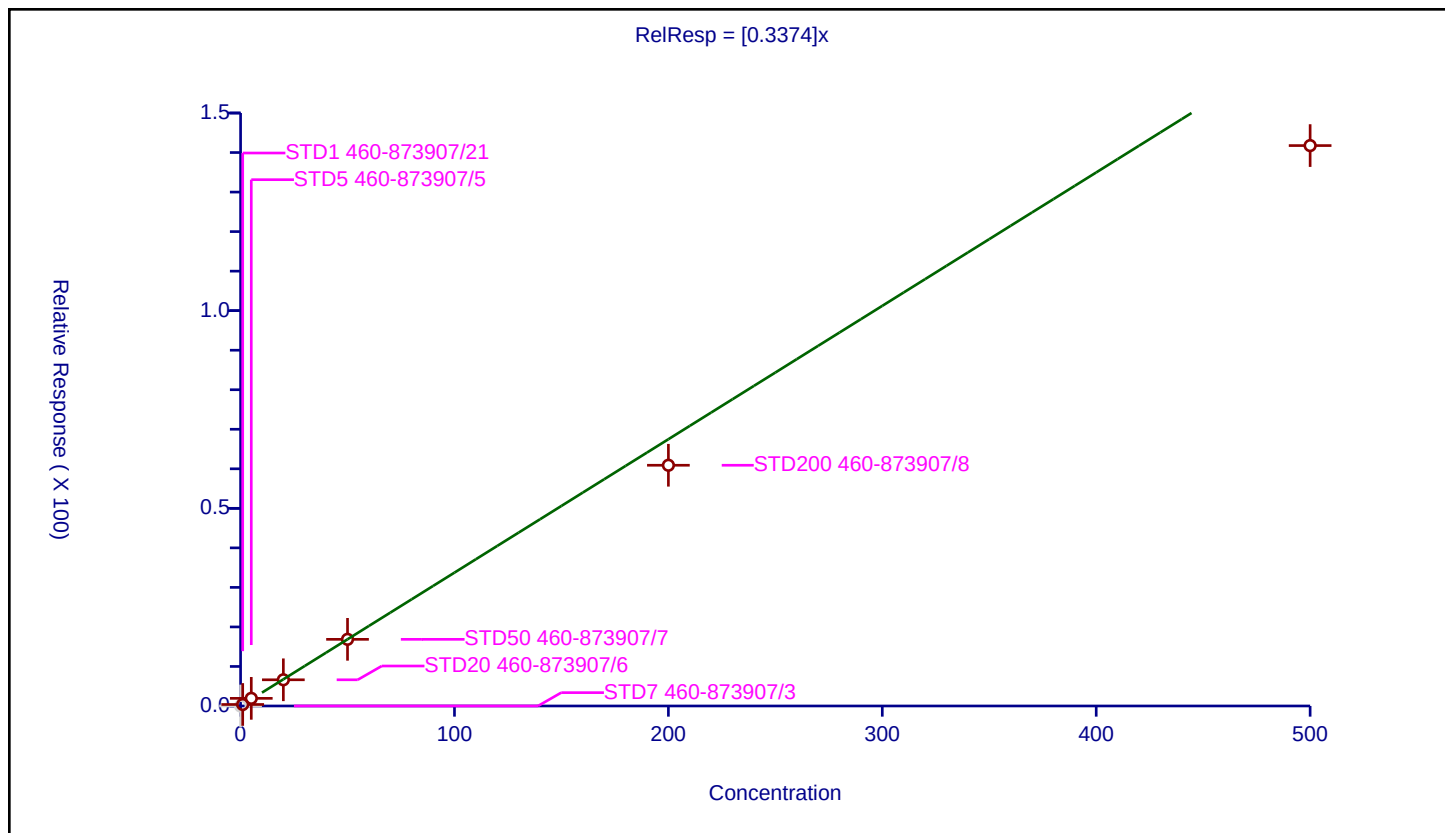
Curve Coefficients

Intercept: 0
 Slope: 0.3374

Error Coefficients

Standard Error: 791000
 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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.381169	50.0	453604.0	0.381169	Y
3	STD5 460-873907/5	5.0	1.934342	50.0	407839.0	0.386868	Y
4	STD20 460-873907/6	20.0	6.624703	50.0	467070.0	0.331235	Y
5	STD50 460-873907/7	50.0	16.861526	50.0	465207.0	0.337231	Y
6	STD200 460-873907/8	200.0	60.895256	50.0	508547.0	0.304476	Y
7	STD500 460-873907/9	500.0	141.760137	50.0	581466.0	0.28352	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

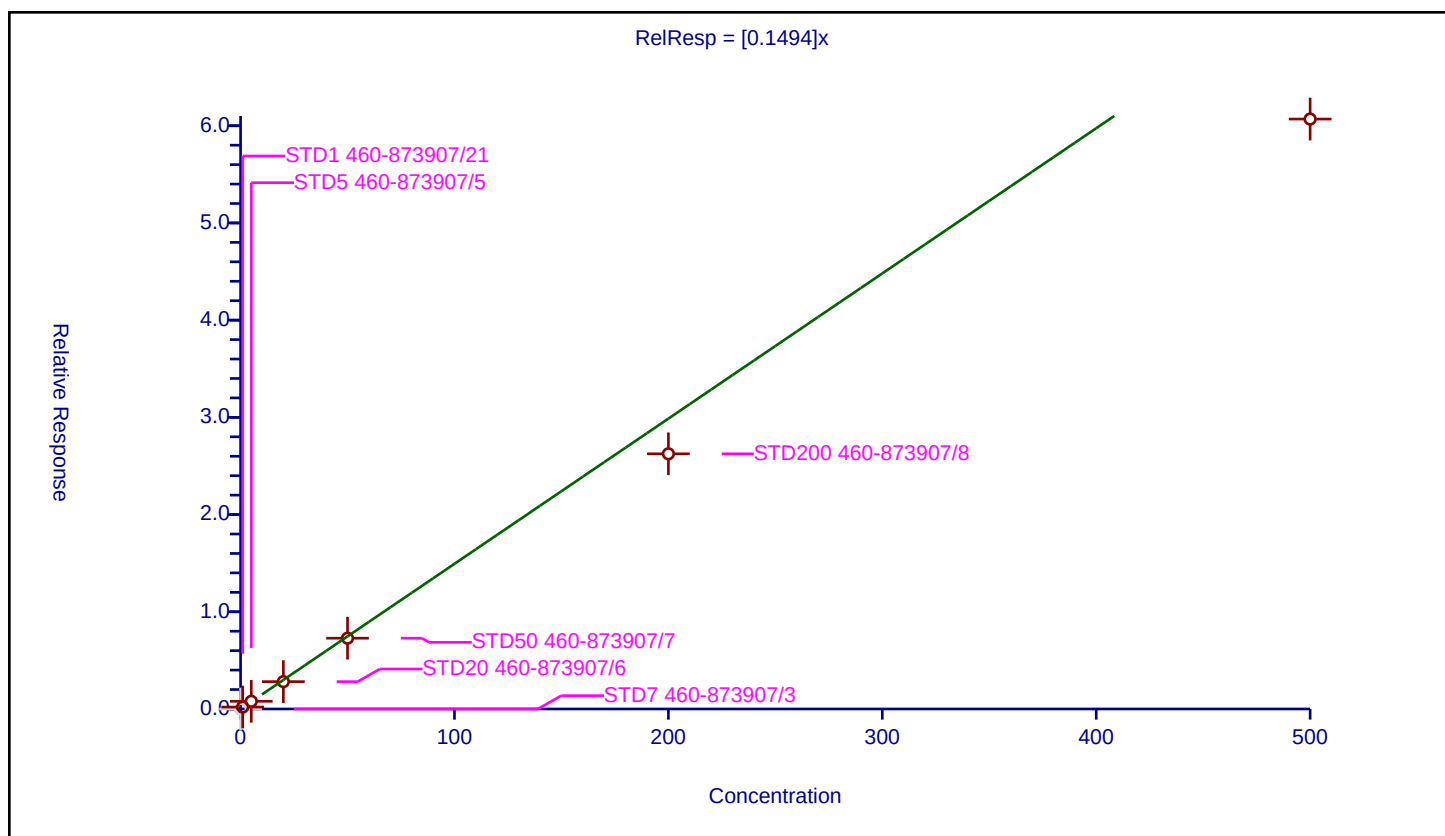
Curve Coefficients

Intercept: 0
 Slope: 0.1494

Error Coefficients

Standard Error: 339000
 Relative Standard Error: 18.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.198742	50.0	453604.0	0.198742	Y
3	STD5 460-873907/5	5.0	0.791979	50.0	407839.0	0.158396	Y
4	STD20 460-873907/6	20.0	2.813818	50.0	467070.0	0.140691	Y
5	STD50 460-873907/7	50.0	7.283209	50.0	465207.0	0.145664	Y
6	STD200 460-873907/8	200.0	26.250278	50.0	508547.0	0.131251	Y
7	STD500 460-873907/9	500.0	60.687813	50.0	581466.0	0.121376	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

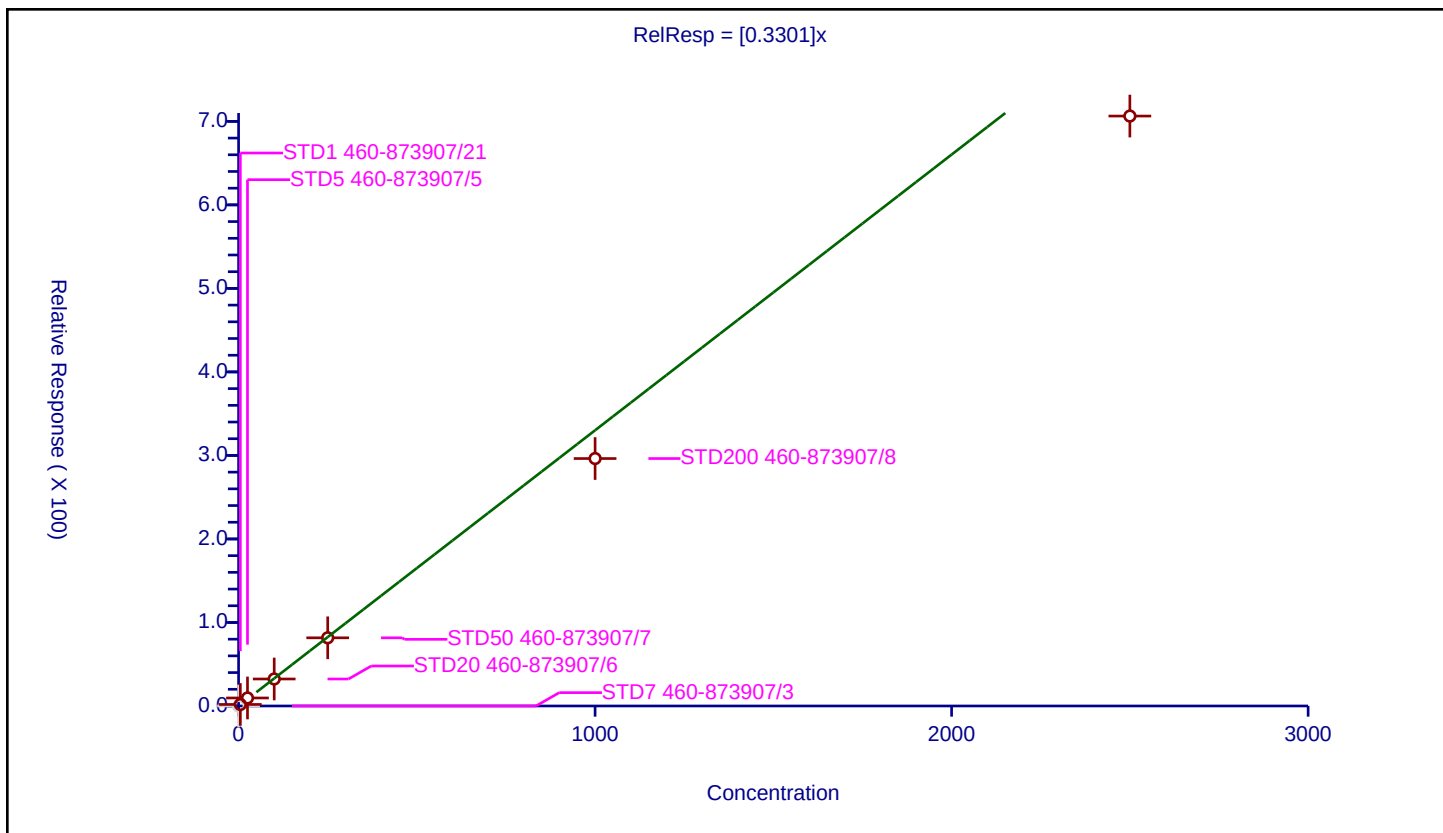
Curve Coefficients

Intercept: 0
 Slope: 0.3301

Error Coefficients

Standard Error: 403000
 Relative Standard Error: 12.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	5.0	1.841025	250.0	210209.0	0.368205	Y
3	STD5 460-873907/5	25.0	9.59553	250.0	204366.0	0.383821	Y
4	STD20 460-873907/6	100.0	32.320545	250.0	225878.0	0.323205	Y
5	STD50 460-873907/7	250.0	81.641359	250.0	237346.0	0.326565	Y
6	STD200 460-873907/8	1000.0	296.302814	250.0	259995.0	0.296303	Y
7	STD500 460-873907/9	2500.0	706.349818	250.0	298355.0	0.28254	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

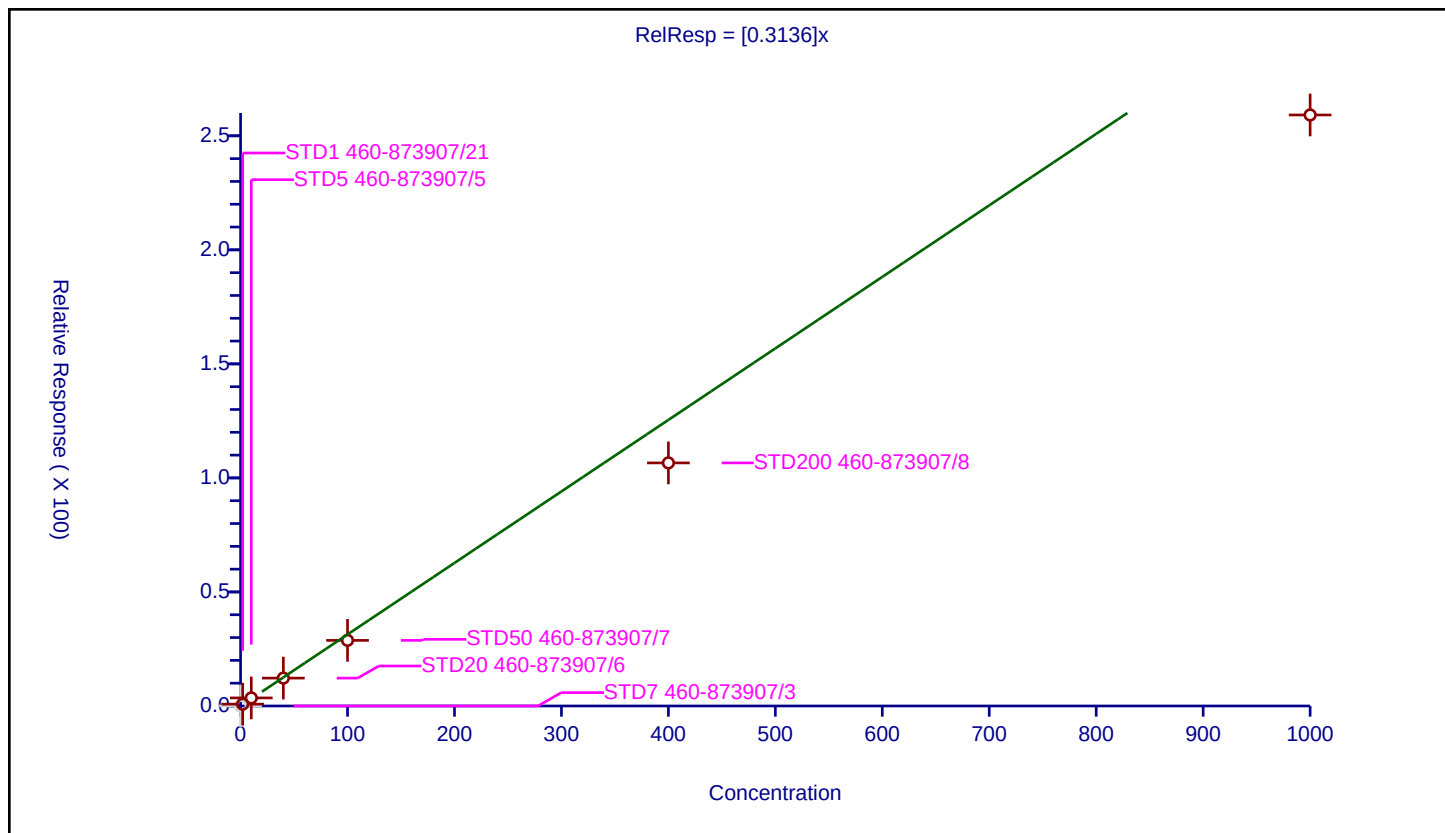
Curve Coefficients

Intercept: 0
 Slope: 0.3136

Error Coefficients

Standard Error: 147000
 Relative Standard Error: 18.4
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.954

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	2.0	0.818233	250.0	210209.0	0.409117	Y
3	STD5 460-873907/5	10.0	3.532877	250.0	204366.0	0.353288	Y
4	STD20 460-873907/6	40.0	12.230053	250.0	225878.0	0.305751	Y
5	STD50 460-873907/7	100.0	28.772341	250.0	237346.0	0.287723	Y
6	STD200 460-873907/8	400.0	106.578011	250.0	259995.0	0.266445	Y
7	STD500 460-873907/9	1000.0	259.145146	250.0	298355.0	0.259145	Y



Calibration

/ Propionitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

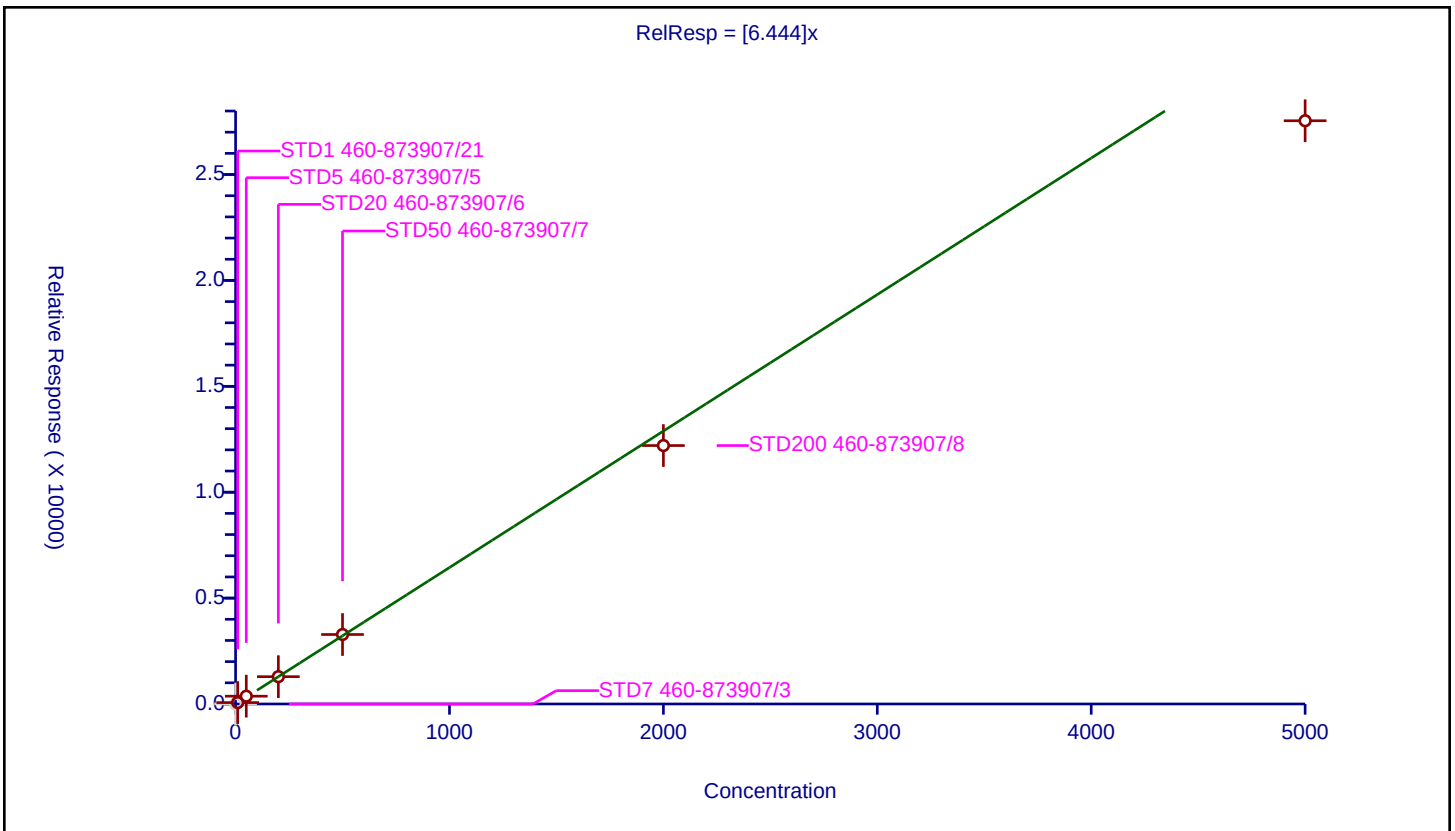
Curve Coefficients

Intercept: 0
 Slope: 6.444

Error Coefficients

Standard Error: 969000
 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 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	10.0	66.715268	1000.0	50753.0	6.671527	Y
3	STD5 460-873907/5	50.0	368.547637	1000.0	49478.0	7.370953	Y
4	STD20 460-873907/6	200.0	1290.552807	1000.0	56186.0	6.452764	Y
5	STD50 460-873907/7	500.0	3280.962552	1000.0	58054.0	6.561925	Y
6	STD200 460-873907/8	2000.0	12202.969827	1000.0	63236.0	6.101485	Y
7	STD500 460-873907/9	5000.0	27540.644244	1000.0	74537.0	5.508129	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

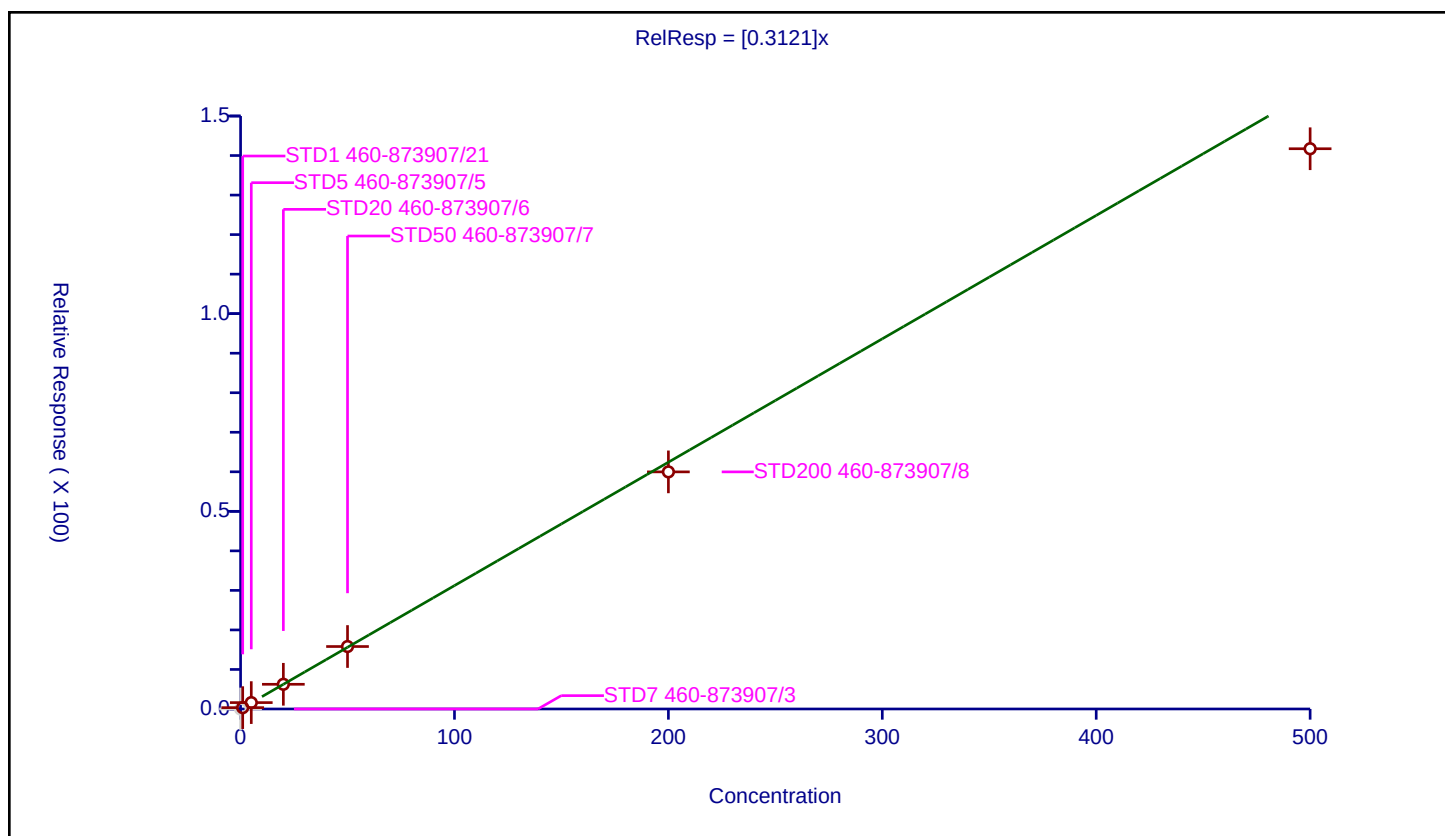
Curve Coefficients

Intercept: 0
Slope: 0.3121

Error Coefficients

Standard Error: 789000
Relative Standard Error: 6.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.33796	50.0	453604.0	0.33796	Y
3	STD5 460-873907/5	5.0	1.615098	50.0	407839.0	0.32302	Y
4	STD20 460-873907/6	20.0	6.250241	50.0	467070.0	0.312512	Y
5	STD50 460-873907/7	50.0	15.798773	50.0	465207.0	0.315975	Y
6	STD200 460-873907/8	200.0	59.98128	50.0	508547.0	0.299906	Y
7	STD500 460-873907/9	500.0	141.721098	50.0	581466.0	0.283442	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

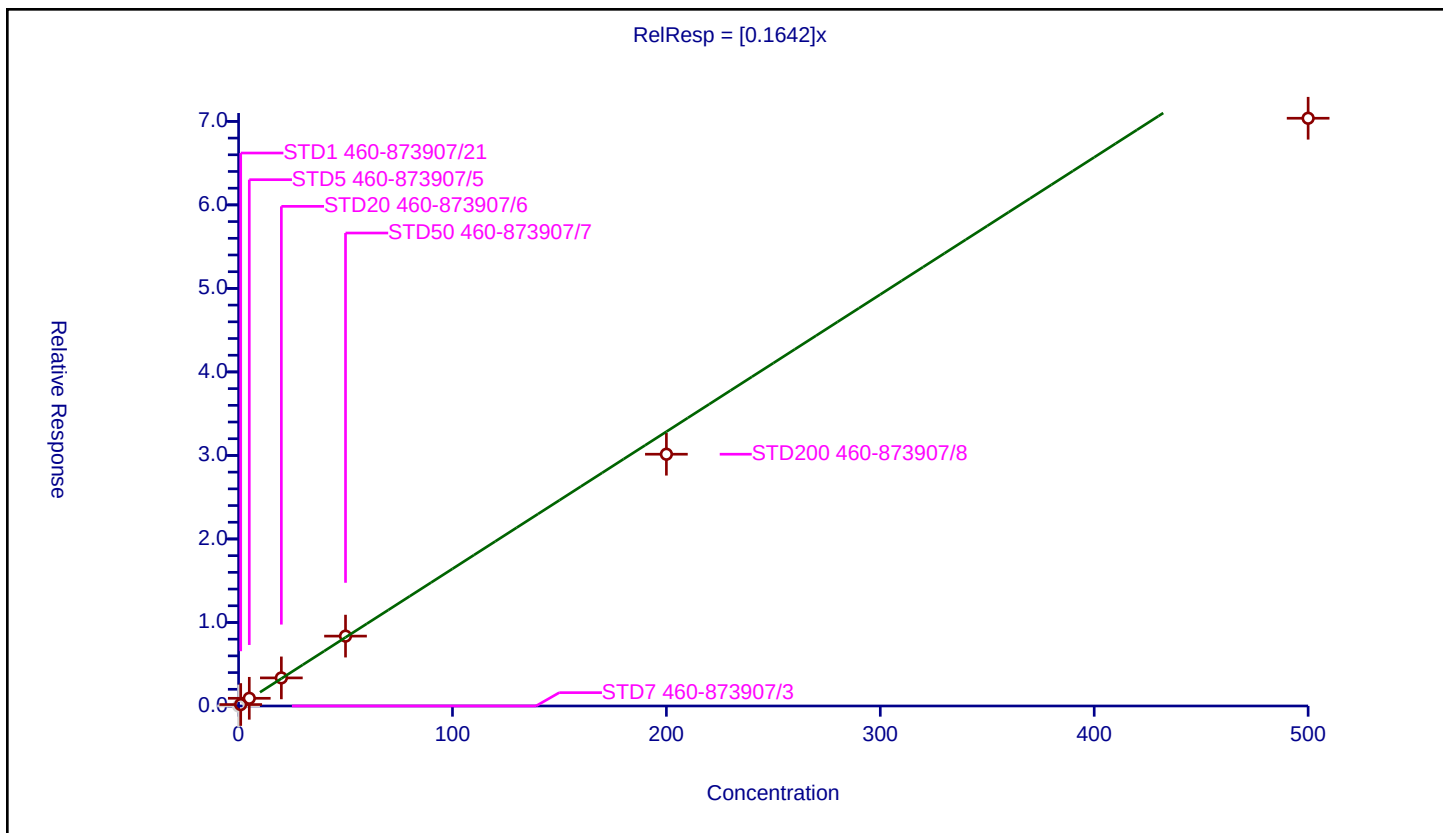
Curve Coefficients

Intercept: 0
Slope: 0.1642

Error Coefficients

Standard Error: 393000
Relative Standard Error: 9.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.174271	50.0	453604.0	0.174271	Y
3	STD5 460-873907/5	5.0	0.921319	50.0	407839.0	0.184264	Y
4	STD20 460-873907/6	20.0	3.362344	50.0	467070.0	0.168117	Y
5	STD50 460-873907/7	50.0	8.367243	50.0	465207.0	0.167345	Y
6	STD200 460-873907/8	200.0	30.145198	50.0	508547.0	0.150726	Y
7	STD500 460-873907/9	500.0	70.373246	50.0	581466.0	0.140746	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

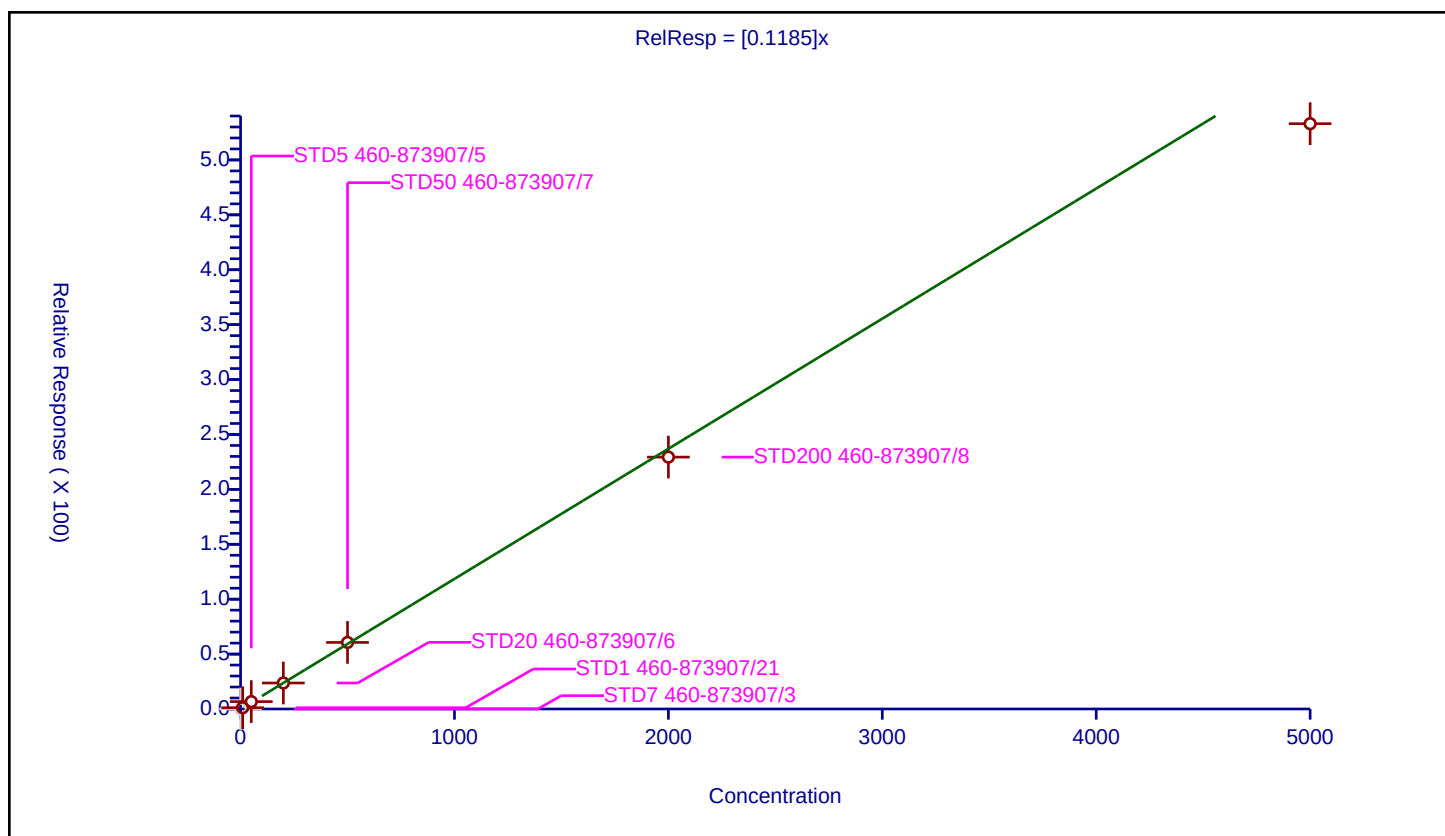
Curve Coefficients

Intercept: 0
 Slope: 0.1185

Error Coefficients

Standard Error: 2970000
 Relative Standard Error: 7.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	10.0	1.158279	50.0	453604.0	0.115828	Y
3	STD5 460-873907/5	50.0	6.716008	50.0	407839.0	0.13432	Y
4	STD20 460-873907/6	200.0	23.654591	50.0	467070.0	0.118273	Y
5	STD50 460-873907/7	500.0	60.591092	50.0	465207.0	0.121182	Y
6	STD200 460-873907/8	2000.0	229.385779	50.0	508547.0	0.114693	Y
7	STD500 460-873907/9	5000.0	532.99548	50.0	581466.0	0.106599	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

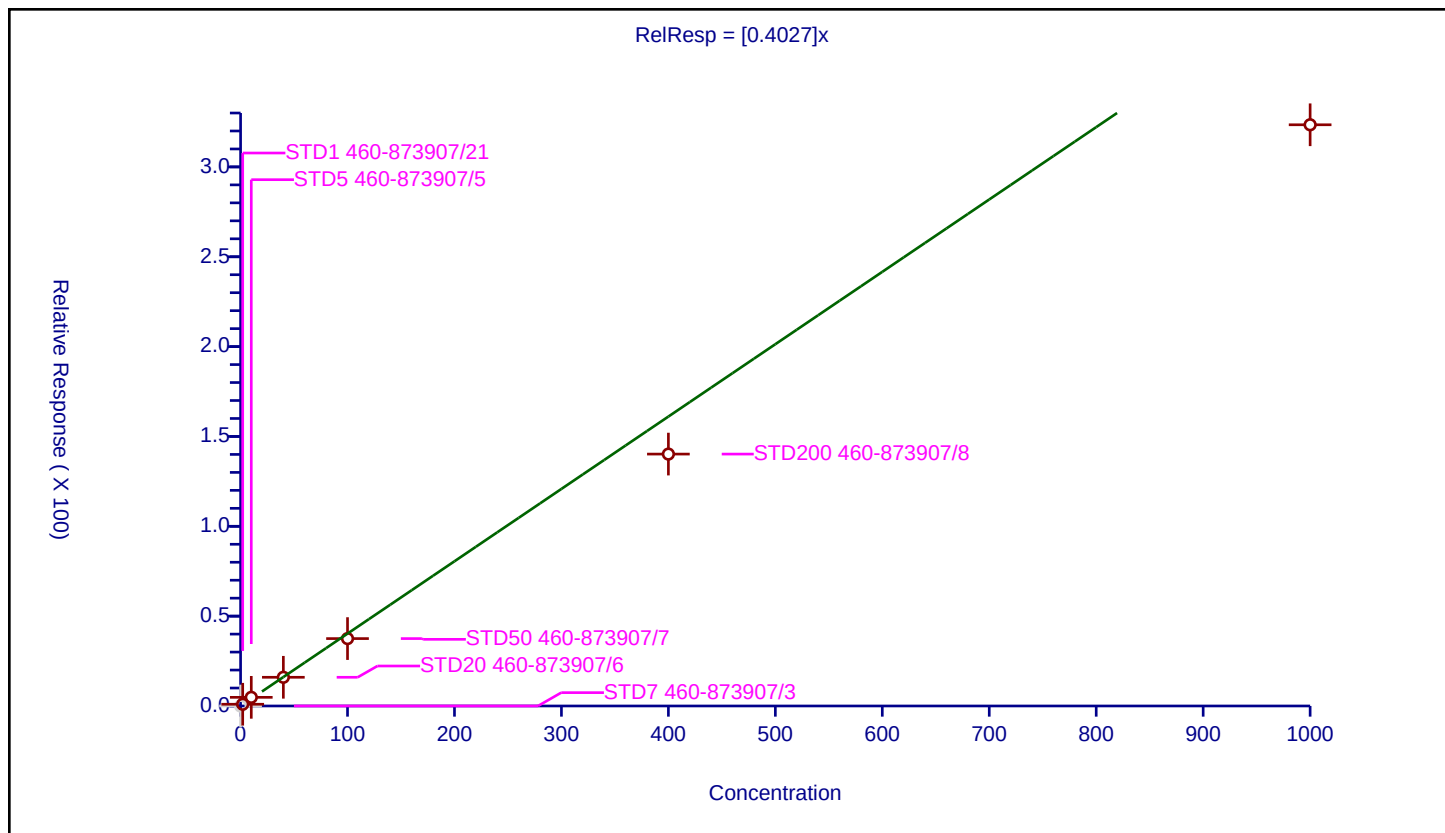
Curve Coefficients

Intercept: 0
 Slope: 0.4027

Error Coefficients

Standard Error: 185000
 Relative Standard Error: 16.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	2.0	0.972841	250.0	210209.0	0.486421	Y
3	STD5 460-873907/5	10.0	4.813668	250.0	204366.0	0.481367	Y
4	STD20 460-873907/6	40.0	15.972118	250.0	225878.0	0.399303	Y
5	STD50 460-873907/7	100.0	37.509585	250.0	237346.0	0.375096	Y
6	STD200 460-873907/8	400.0	140.194042	250.0	259995.0	0.350485	Y
7	STD500 460-873907/9	1000.0	323.449414	250.0	298355.0	0.323449	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

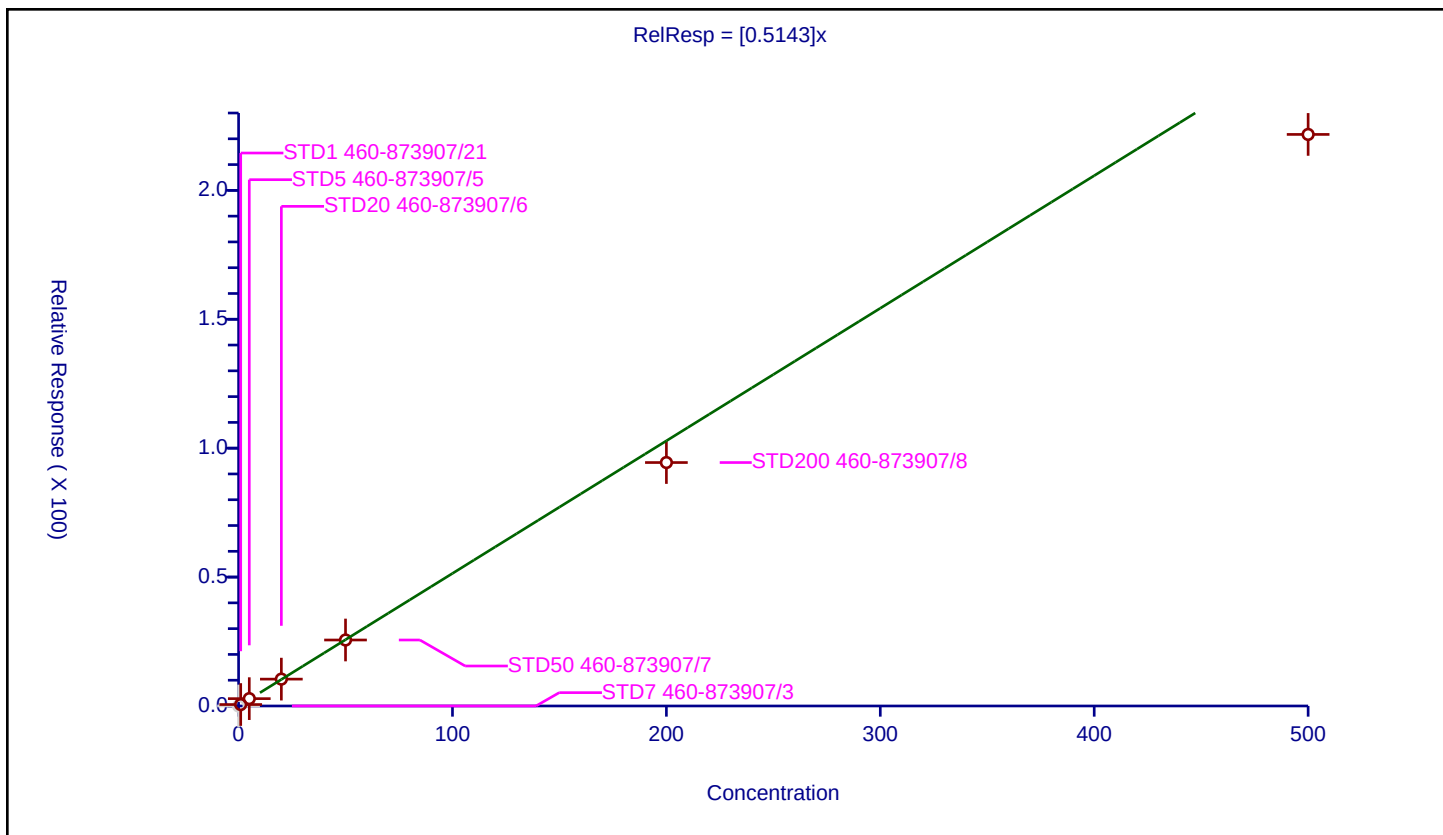
Curve Coefficients

Intercept: 0
 Slope: 0.5143

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.566463	50.0	453604.0	0.566463	Y
3	STD5 460-873907/5	5.0	2.852596	50.0	407839.0	0.570519	Y
4	STD20 460-873907/6	20.0	10.42499	50.0	467070.0	0.521249	Y
5	STD50 460-873907/7	50.0	25.592048	50.0	465207.0	0.511841	Y
6	STD200 460-873907/8	200.0	94.431193	50.0	508547.0	0.472156	Y
7	STD500 460-873907/9	500.0	221.692326	50.0	581466.0	0.443385	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

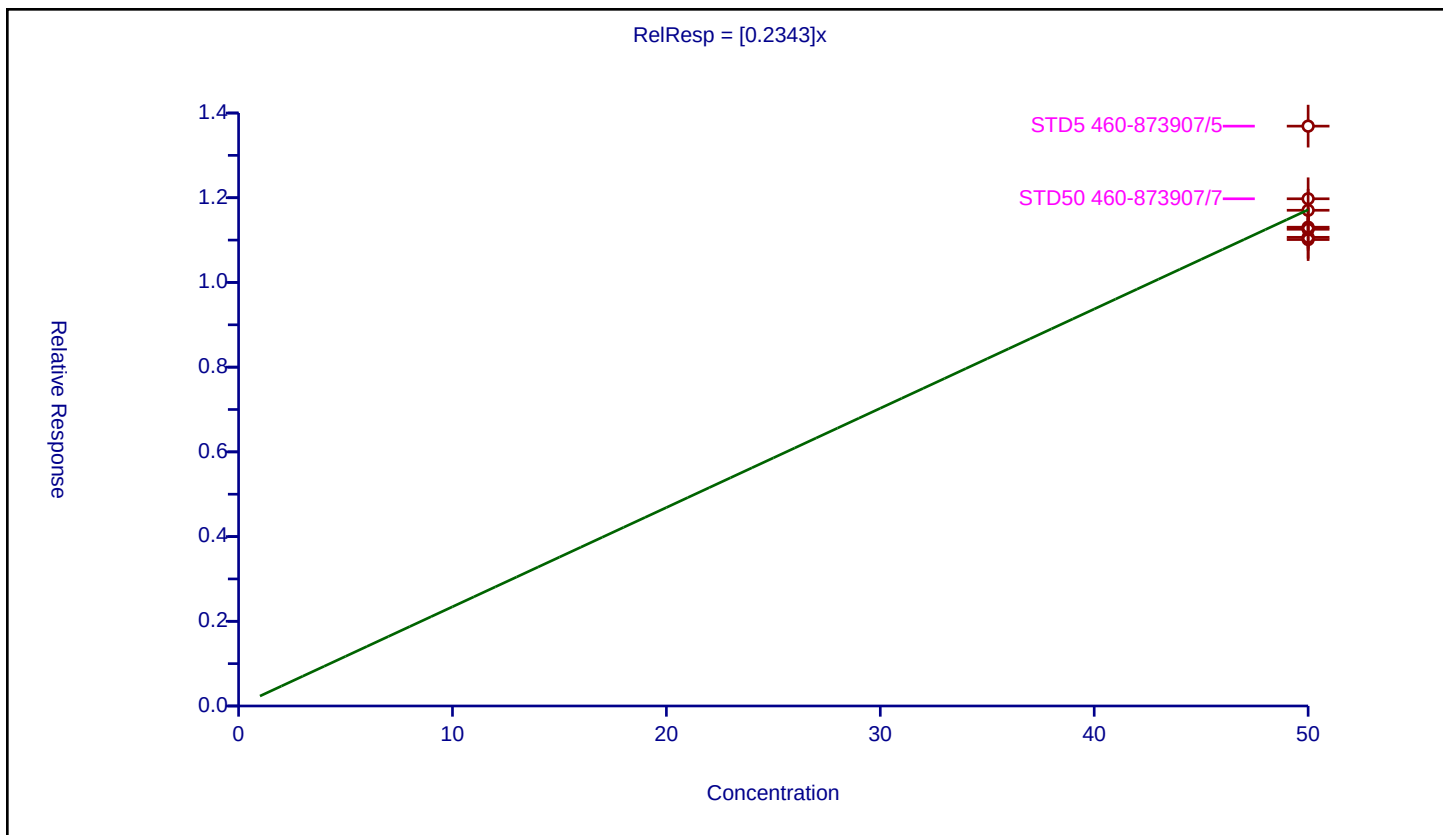
Curve Coefficients

Intercept: 0
 Slope: 0.2343

Error Coefficients

Standard Error: 122000
 Relative Standard Error: 8.0
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	50.0	11.303862	50.0	494508.0	0.226077	Y
2	STD5 460-873907/5	50.0	13.690206	50.0	407839.0	0.273804	Y
3	STD20 460-873907/6	50.0	11.703706	50.0	467070.0	0.234074	Y
4	STD50 460-873907/7	50.0	11.975529	50.0	465207.0	0.239511	Y
5	STD200 460-873907/8	50.0	11.065644	50.0	508547.0	0.221313	Y
6	STD500 460-873907/9	50.0	11.011994	50.0	581466.0	0.22024	Y
7	STD1 460-873907/21	50.0	11.255192	50.0	453604.0	0.225104	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

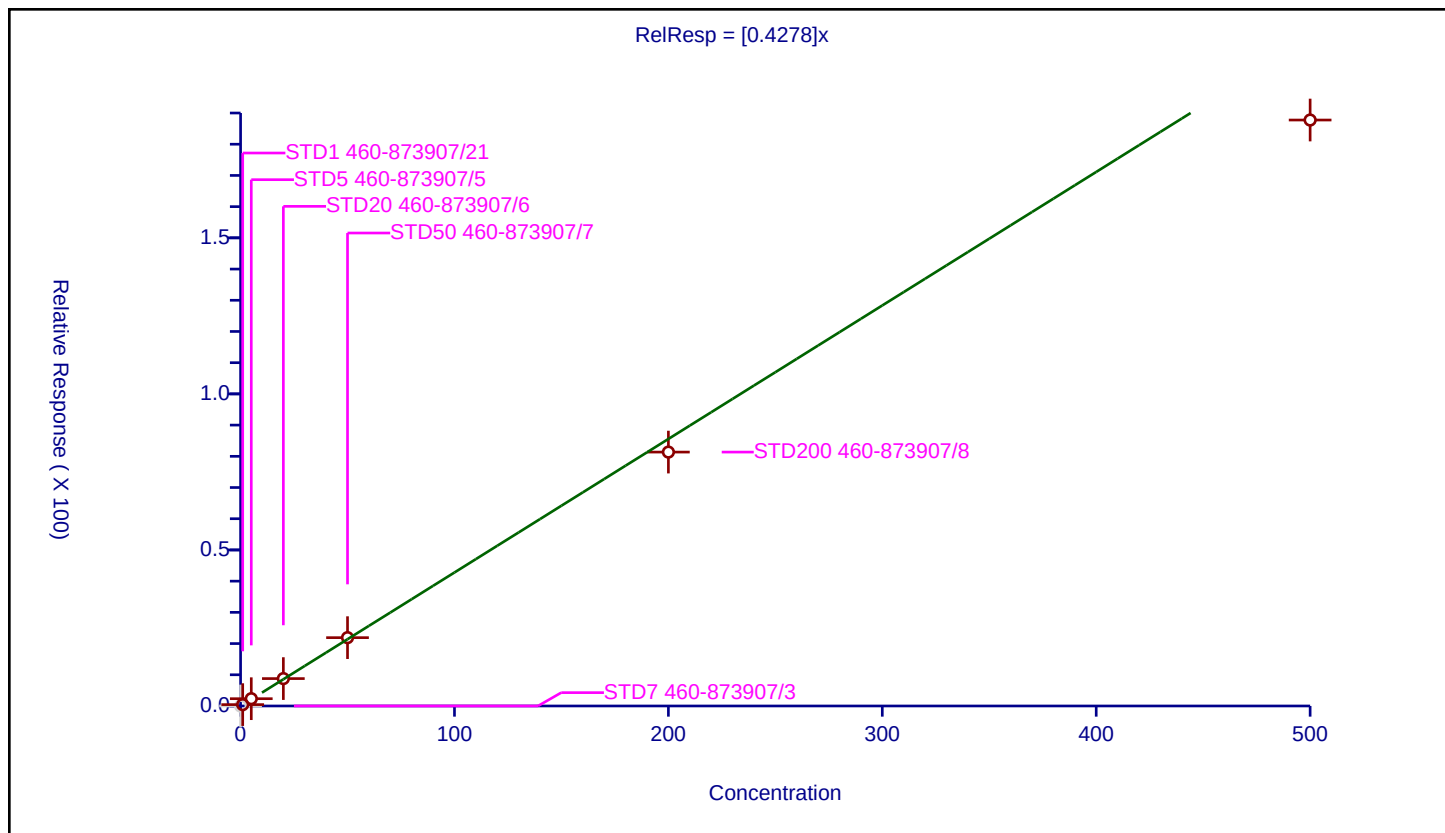
Curve Coefficients

Intercept: 0
 Slope: 0.4278

Error Coefficients

Standard Error: 1050000
 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 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.440142	50.0	453604.0	0.440142	Y
3	STD5 460-873907/5	5.0	2.337442	50.0	407839.0	0.467488	Y
4	STD20 460-873907/6	20.0	8.778342	50.0	467070.0	0.438917	Y
5	STD50 460-873907/7	50.0	21.898961	50.0	465207.0	0.437979	Y
6	STD200 460-873907/8	200.0	81.355706	50.0	508547.0	0.406779	Y
7	STD500 460-873907/9	500.0	187.752852	50.0	581466.0	0.375506	Y



Calibration

/ Cyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

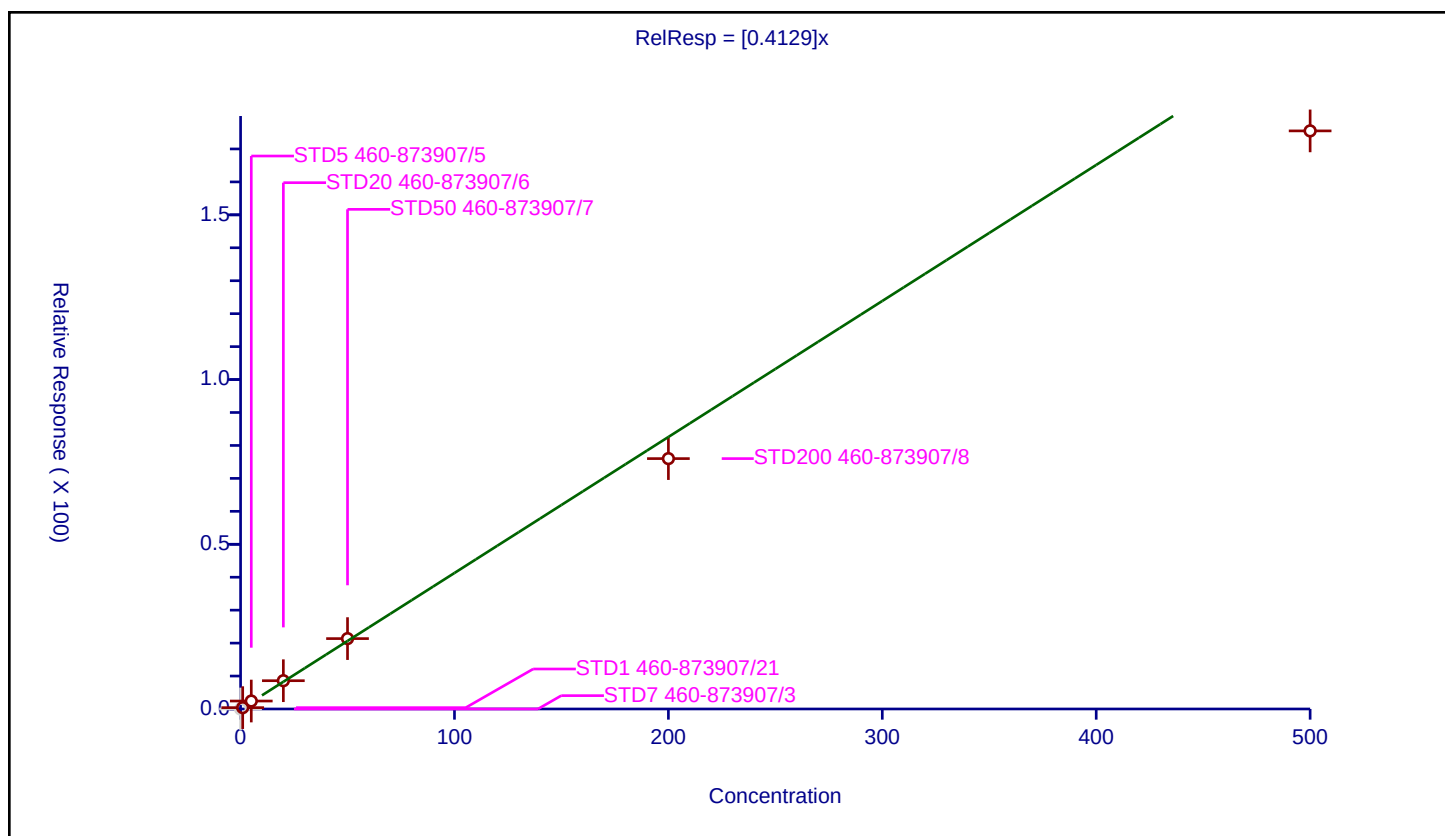
Curve Coefficients

Intercept: 0
 Slope: 0.4129

Error Coefficients

Standard Error: 981000
 Relative Standard Error: 11.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.406191	50.0	453604.0	0.406191	Y
3	STD5 460-873907/5	5.0	2.416272	50.0	407839.0	0.483254	Y
4	STD20 460-873907/6	20.0	8.587899	50.0	467070.0	0.429395	Y
5	STD50 460-873907/7	50.0	21.36651	50.0	465207.0	0.42733	Y
6	STD200 460-873907/8	200.0	76.003791	50.0	508547.0	0.380019	Y
7	STD500 460-873907/9	500.0	175.481799	50.0	581466.0	0.350964	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

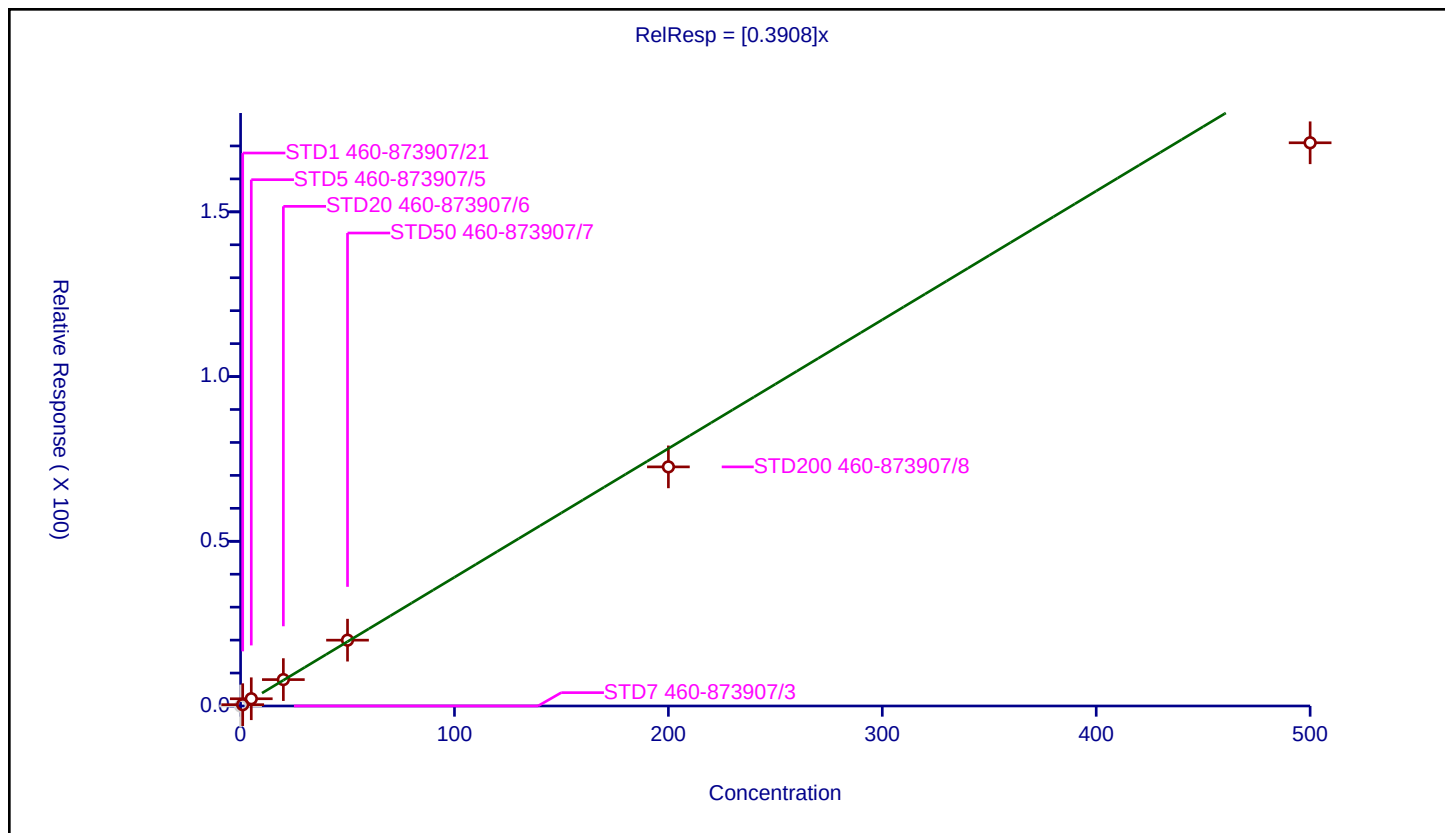
Curve Coefficients

Intercept: 0
Slope: 0.3908

Error Coefficients

Standard Error: 953000
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 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.399908	50.0	453604.0	0.399908	Y
3	STD5 460-873907/5	5.0	2.200746	50.0	407839.0	0.440149	Y
4	STD20 460-873907/6	20.0	8.006188	50.0	467070.0	0.400309	Y
5	STD50 460-873907/7	50.0	19.981105	50.0	465207.0	0.399622	Y
6	STD200 460-873907/8	200.0	72.582868	50.0	508547.0	0.362914	Y
7	STD500 460-873907/9	500.0	170.967434	50.0	581466.0	0.341935	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

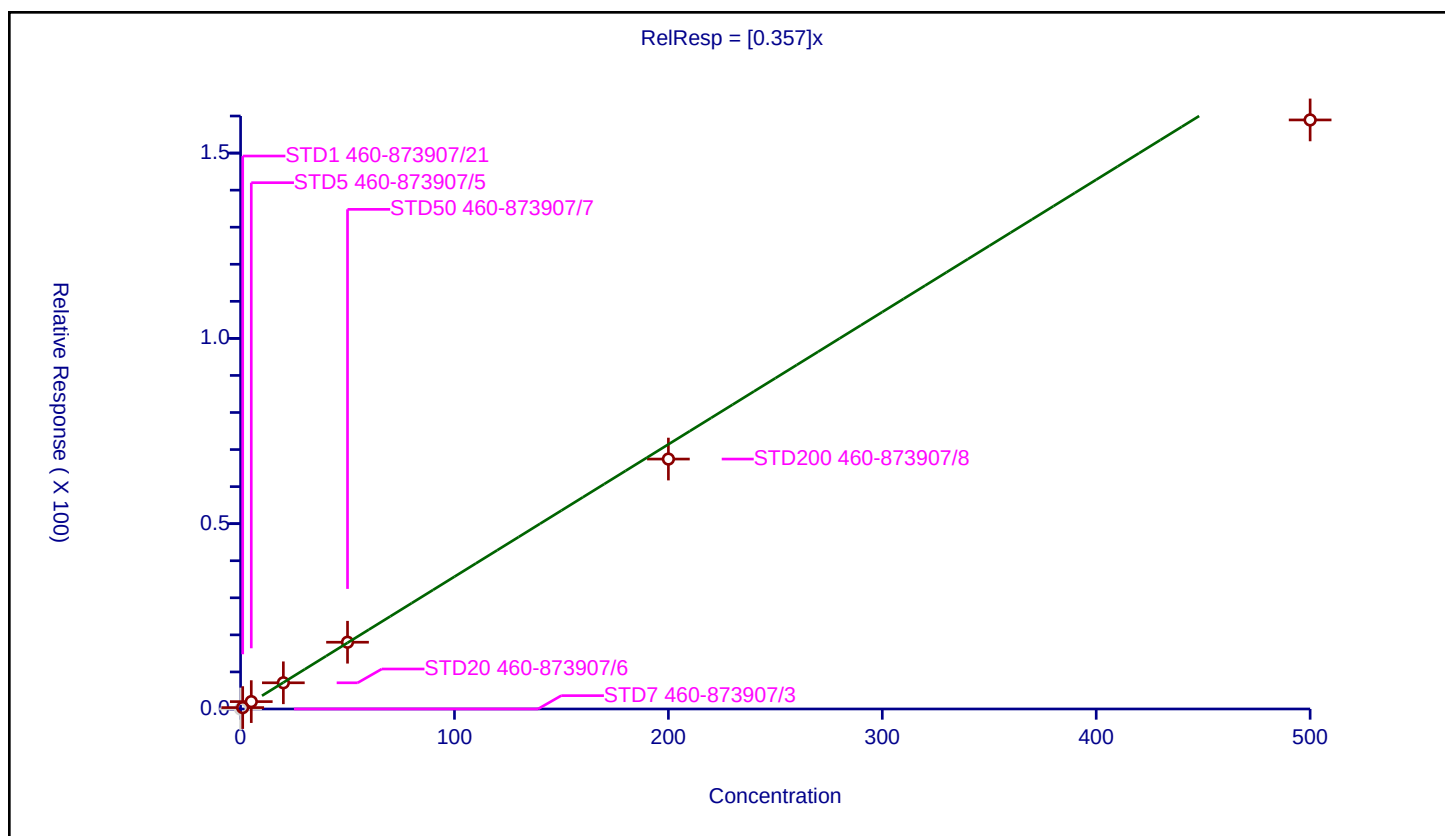
Curve Coefficients

Intercept: 0
 Slope: 0.357

Error Coefficients

Standard Error: 885000
 Relative Standard Error: 7.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.375548	50.0	453604.0	0.375548	Y
3	STD5 460-873907/5	5.0	1.990246	50.0	407839.0	0.398049	Y
4	STD20 460-873907/6	20.0	7.066071	50.0	467070.0	0.353304	Y
5	STD50 460-873907/7	50.0	18.015314	50.0	465207.0	0.360306	Y
6	STD200 460-873907/8	200.0	67.437621	50.0	508547.0	0.337188	Y
7	STD500 460-873907/9	500.0	158.940248	50.0	581466.0	0.31788	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

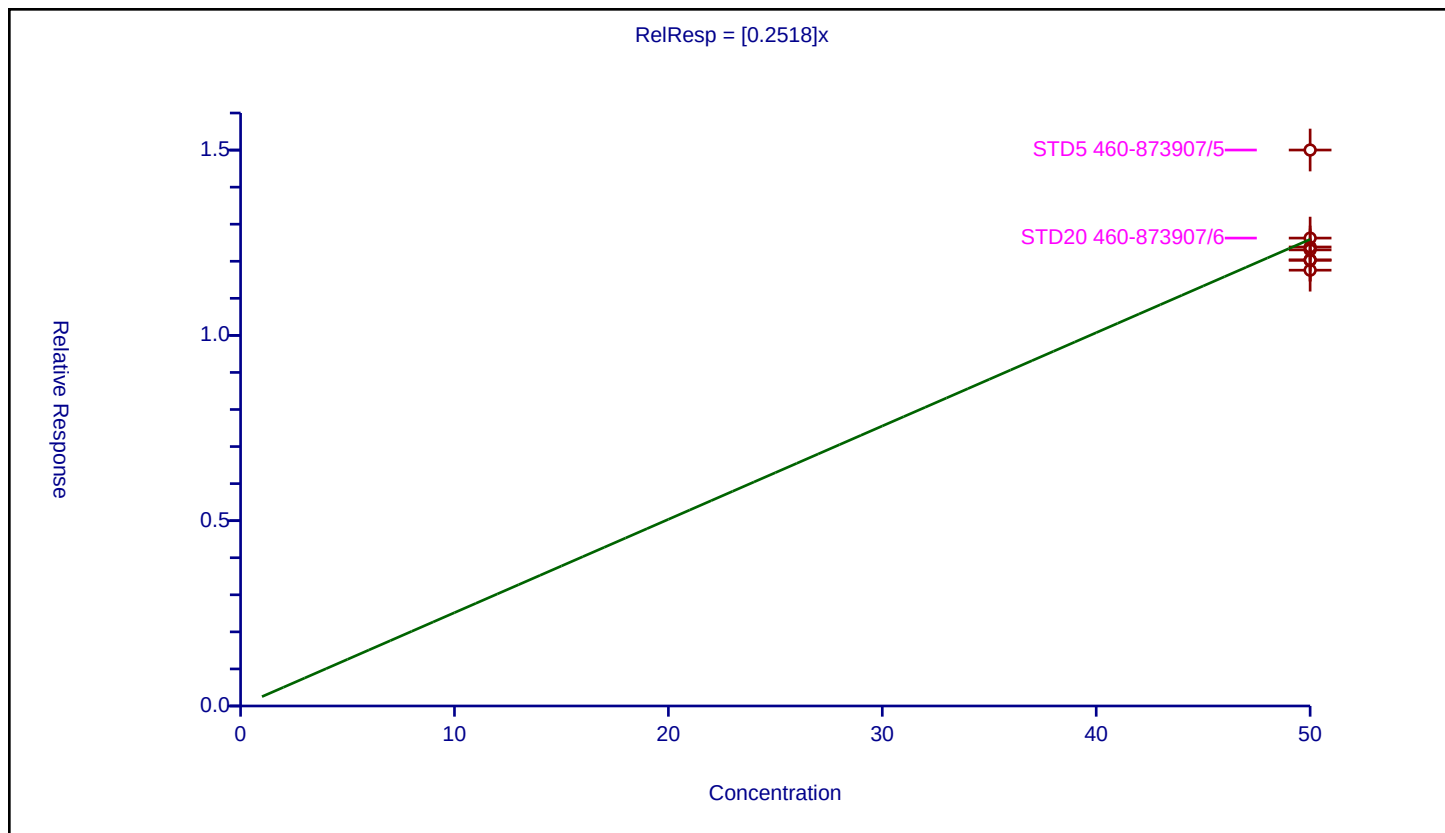
Curve Coefficients

Intercept: 0
 Slope: 0.2518

Error Coefficients

Standard Error: 131000
 Relative Standard Error: 8.7
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	50.0	12.306677	50.0	494508.0	0.246134	Y
2	STD5 460-873907/5	50.0	15.001385	50.0	407839.0	0.300028	Y
3	STD20 460-873907/6	50.0	12.625409	50.0	467070.0	0.252508	Y
4	STD50 460-873907/7	50.0	12.384702	50.0	465207.0	0.247694	Y
5	STD200 460-873907/8	50.0	12.025437	50.0	508547.0	0.240509	Y
6	STD500 460-873907/9	50.0	12.038795	50.0	581466.0	0.240776	Y
7	STD1 460-873907/21	50.0	11.759045	50.0	453604.0	0.235181	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

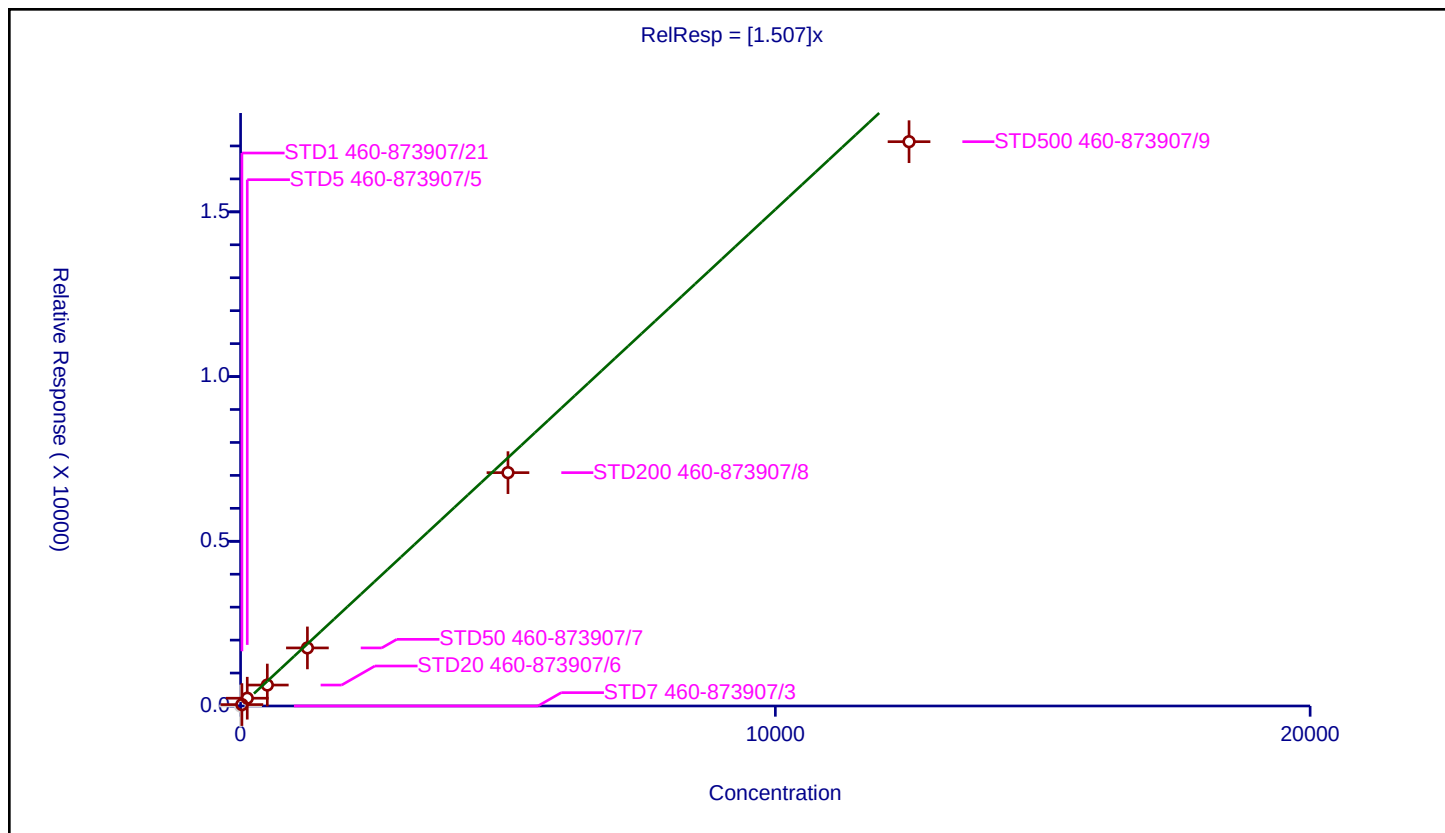
Curve Coefficients

Intercept: 0
Slope: 1.507

Error Coefficients

Standard Error: 598000
Relative Standard Error: 15.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	25.0	42.184698	1000.0	50753.0	1.687388	Y
3	STD5 460-873907/5	125.0	236.003881	1000.0	49478.0	1.888031	Y
4	STD20 460-873907/6	500.0	635.549781	1000.0	56186.0	1.2711	Y
5	STD50 460-873907/7	1250.0	1762.652014	1000.0	58054.0	1.410122	Y
6	STD200 460-873907/8	5000.0	7083.670694	1000.0	63236.0	1.416734	Y
7	STD500 460-873907/9	12500.0	17130.029381	1000.0	74537.0	1.370402	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

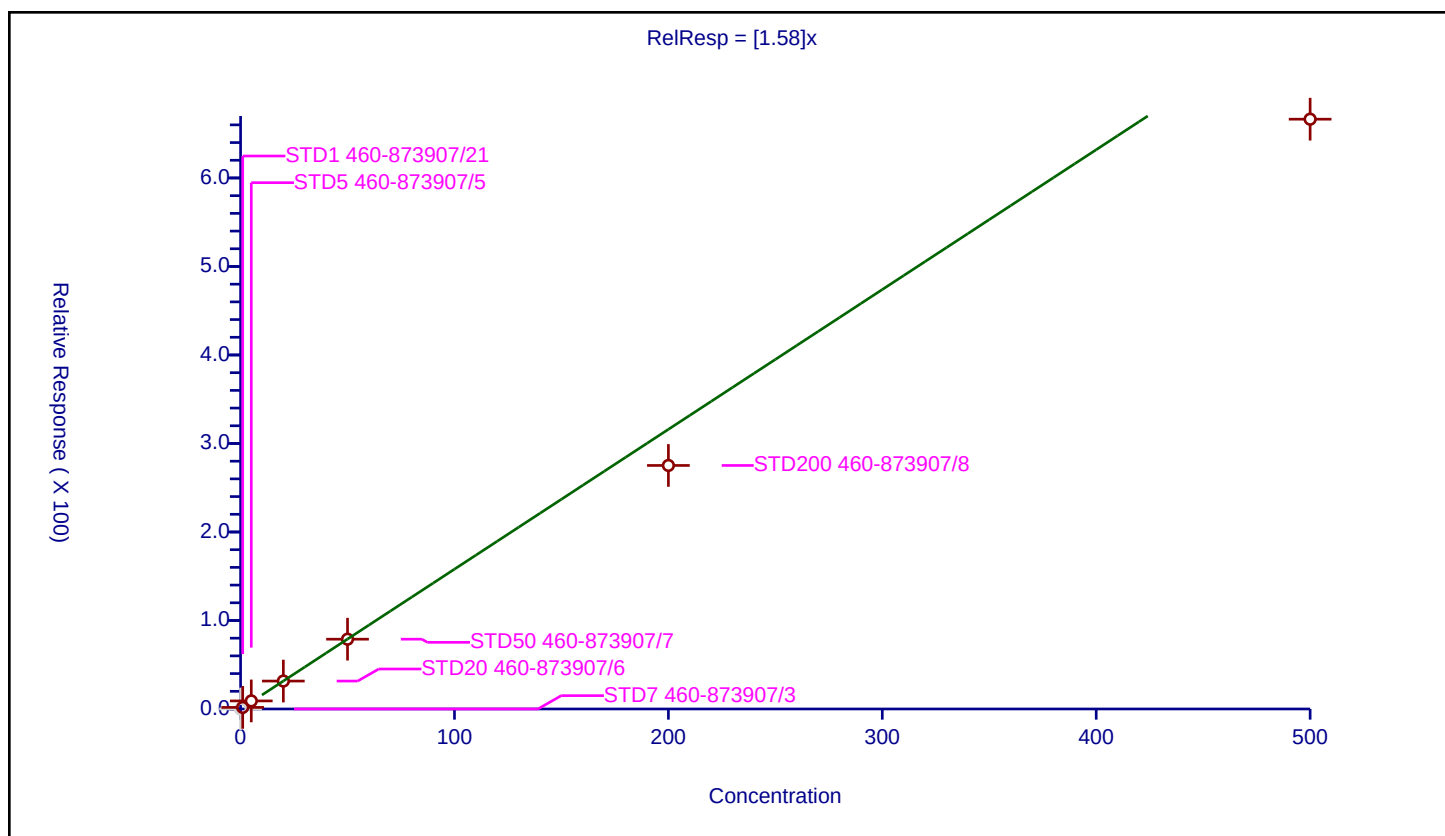
Curve Coefficients

Intercept: 0
Slope: 1.58

Error Coefficients

Standard Error: 2840000
Relative Standard Error: 12.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	1.792886	50.0	331644.0	1.792886	Y
3	STD5 460-873907/5	5.0	9.109672	50.0	299429.0	1.821934	Y
4	STD20 460-873907/6	20.0	31.562168	50.0	348330.0	1.578108	Y
5	STD50 460-873907/7	50.0	78.857296	50.0	350537.0	1.577146	Y
6	STD200 460-873907/8	200.0	275.176511	50.0	399976.0	1.375883	Y
7	STD500 460-873907/9	500.0	666.422936	50.0	445027.0	1.332846	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

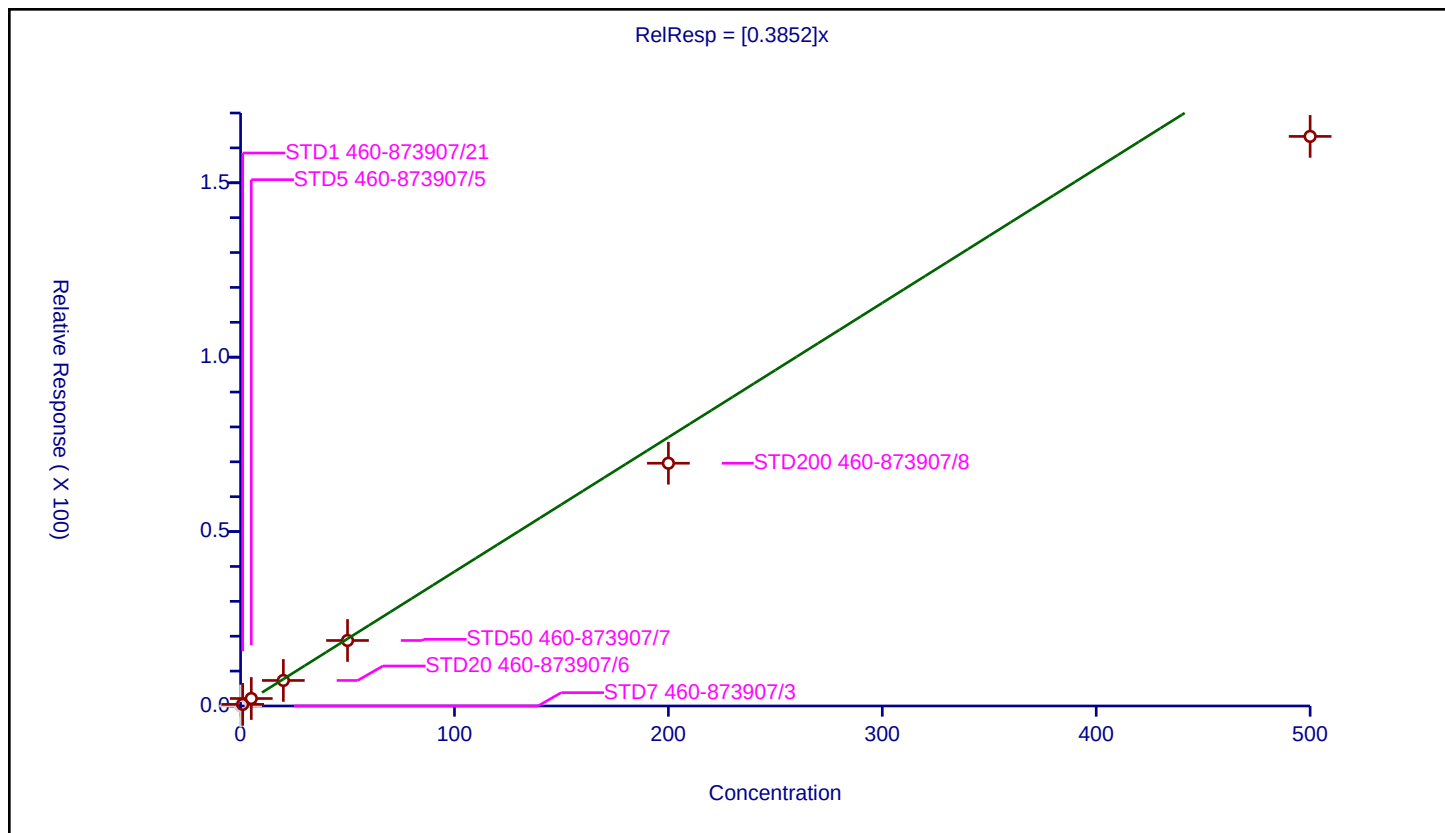
Curve Coefficients

Intercept: 0
 Slope: 0.3852

Error Coefficients

Standard Error: 910000
 Relative Standard Error: 13.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.465604	50.0	453604.0	0.465604	Y
3	STD5 460-873907/5	5.0	2.14619	50.0	407839.0	0.429238	Y
4	STD20 460-873907/6	20.0	7.321708	50.0	467070.0	0.366085	Y
5	STD50 460-873907/7	50.0	18.77648	50.0	465207.0	0.37553	Y
6	STD200 460-873907/8	200.0	69.596812	50.0	508547.0	0.347984	Y
7	STD500 460-873907/9	500.0	163.29579	50.0	581466.0	0.326592	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

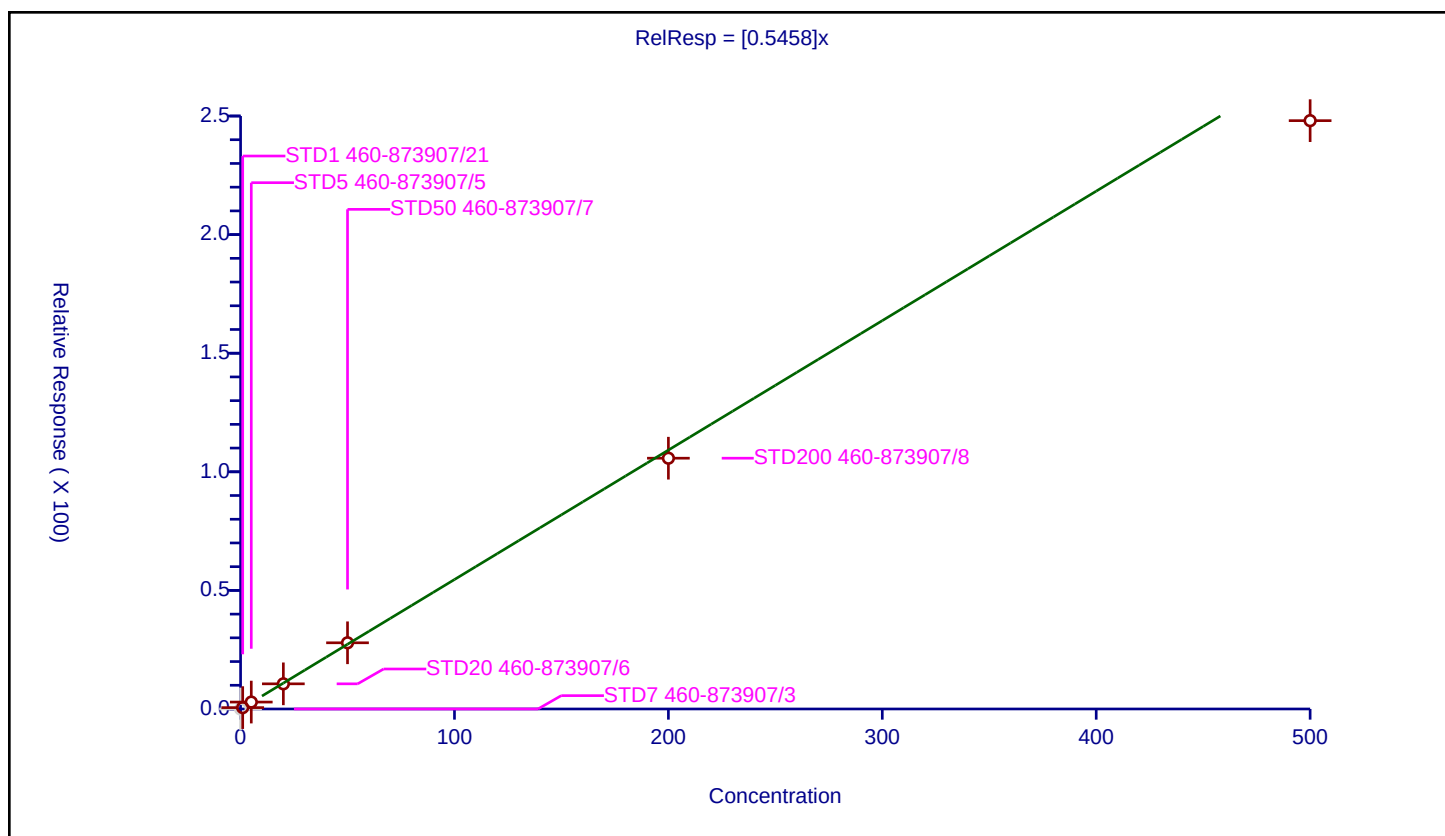
Curve Coefficients

Intercept: 0
Slope: 0.5458

Error Coefficients

Standard Error: 1380000
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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.578258	50.0	453604.0	0.578258	Y
3	STD5 460-873907/5	5.0	2.917573	50.0	407839.0	0.583515	Y
4	STD20 460-873907/6	20.0	10.602907	50.0	467070.0	0.530145	Y
5	STD50 460-873907/7	50.0	27.906502	50.0	465207.0	0.55813	Y
6	STD200 460-873907/8	200.0	105.728477	50.0	508547.0	0.528642	Y
7	STD500 460-873907/9	500.0	248.042448	50.0	581466.0	0.496085	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

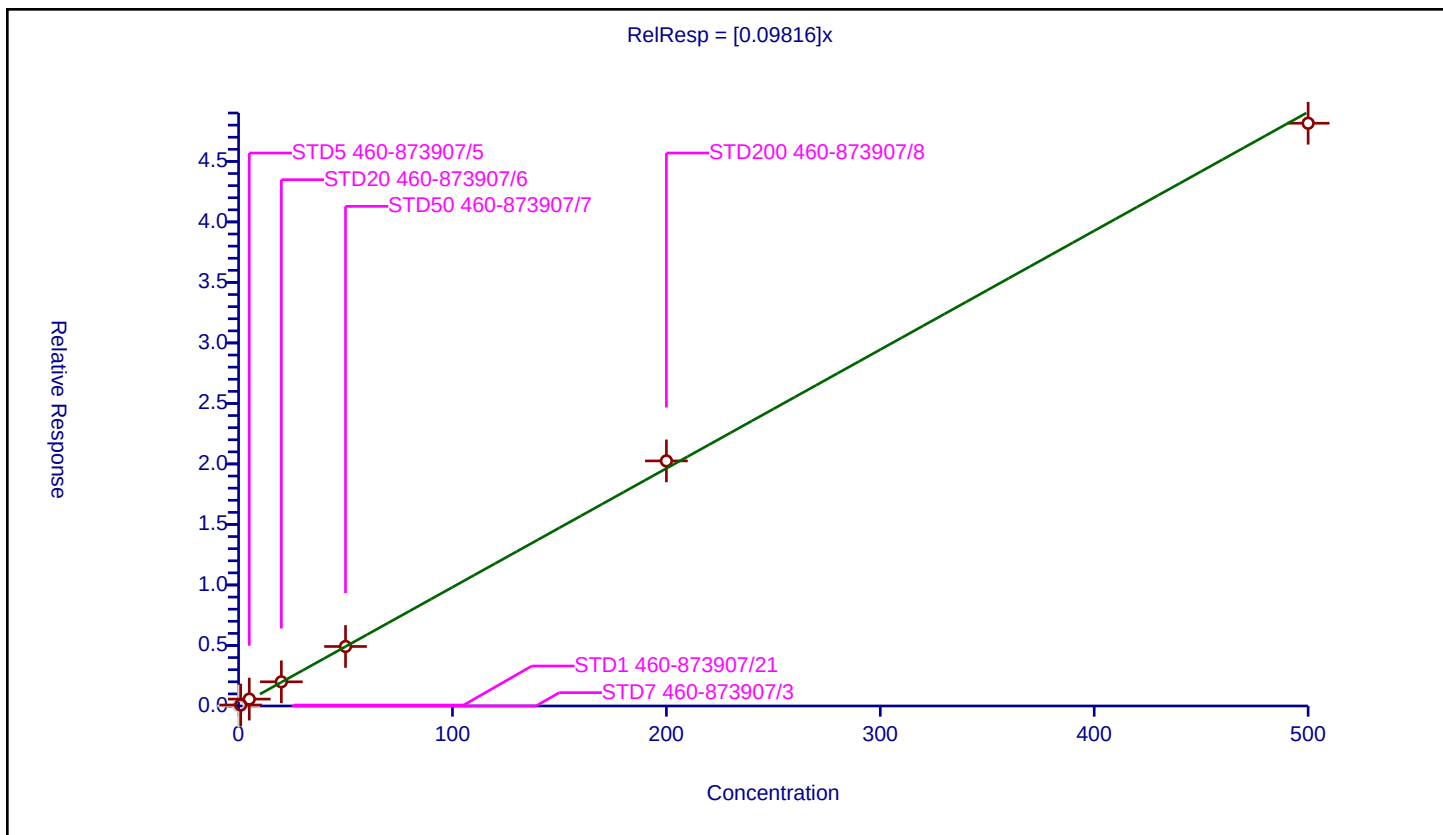
Curve Coefficients

Intercept: 0
 Slope: 0.09816

Error Coefficients

Standard Error: 268000
 Relative Standard Error: 11.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.079475	50.0	453604.0	0.079475	Y
3	STD5 460-873907/5	5.0	0.568607	50.0	407839.0	0.113721	Y
4	STD20 460-873907/6	20.0	1.997773	50.0	467070.0	0.099889	Y
5	STD50 460-873907/7	50.0	4.916521	50.0	465207.0	0.09833	Y
6	STD200 460-873907/8	200.0	20.251521	50.0	508547.0	0.101258	Y
7	STD500 460-873907/9	500.0	48.1569	50.0	581466.0	0.096314	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

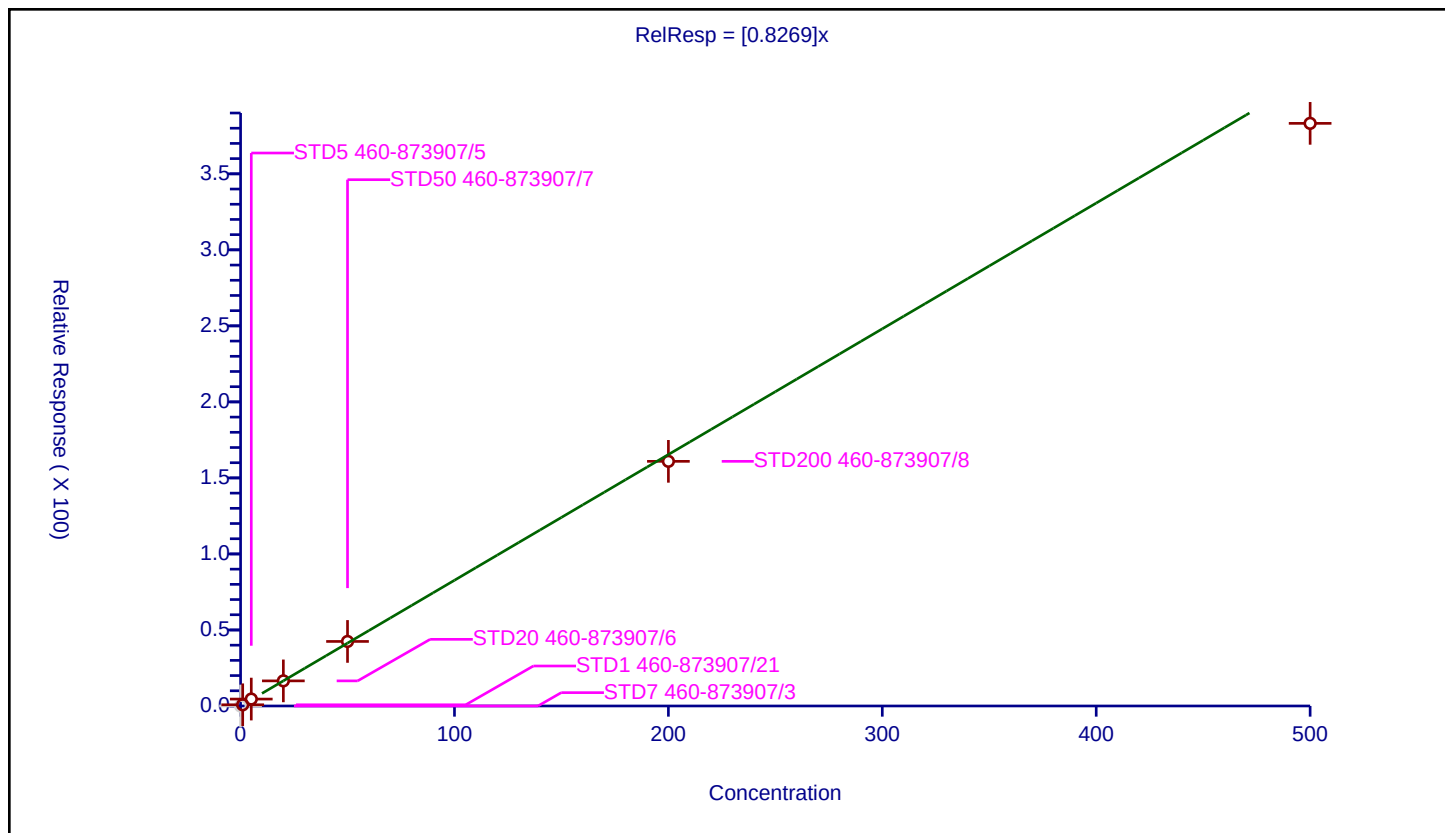
Curve Coefficients

Intercept: 0
 Slope: 0.8269

Error Coefficients

Standard Error: 2130000
 Relative Standard Error: 6.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.804997	50.0	453604.0	0.804997	Y
3	STD5 460-873907/5	5.0	4.553022	50.0	407839.0	0.910604	Y
4	STD20 460-873907/6	20.0	16.515297	50.0	467070.0	0.825765	Y
5	STD50 460-873907/7	50.0	42.452392	50.0	465207.0	0.849048	Y
6	STD200 460-873907/8	200.0	160.902729	50.0	508547.0	0.804514	Y
7	STD500 460-873907/9	500.0	383.199964	50.0	581466.0	0.7664	Y



Calibration

/ n-Heptane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

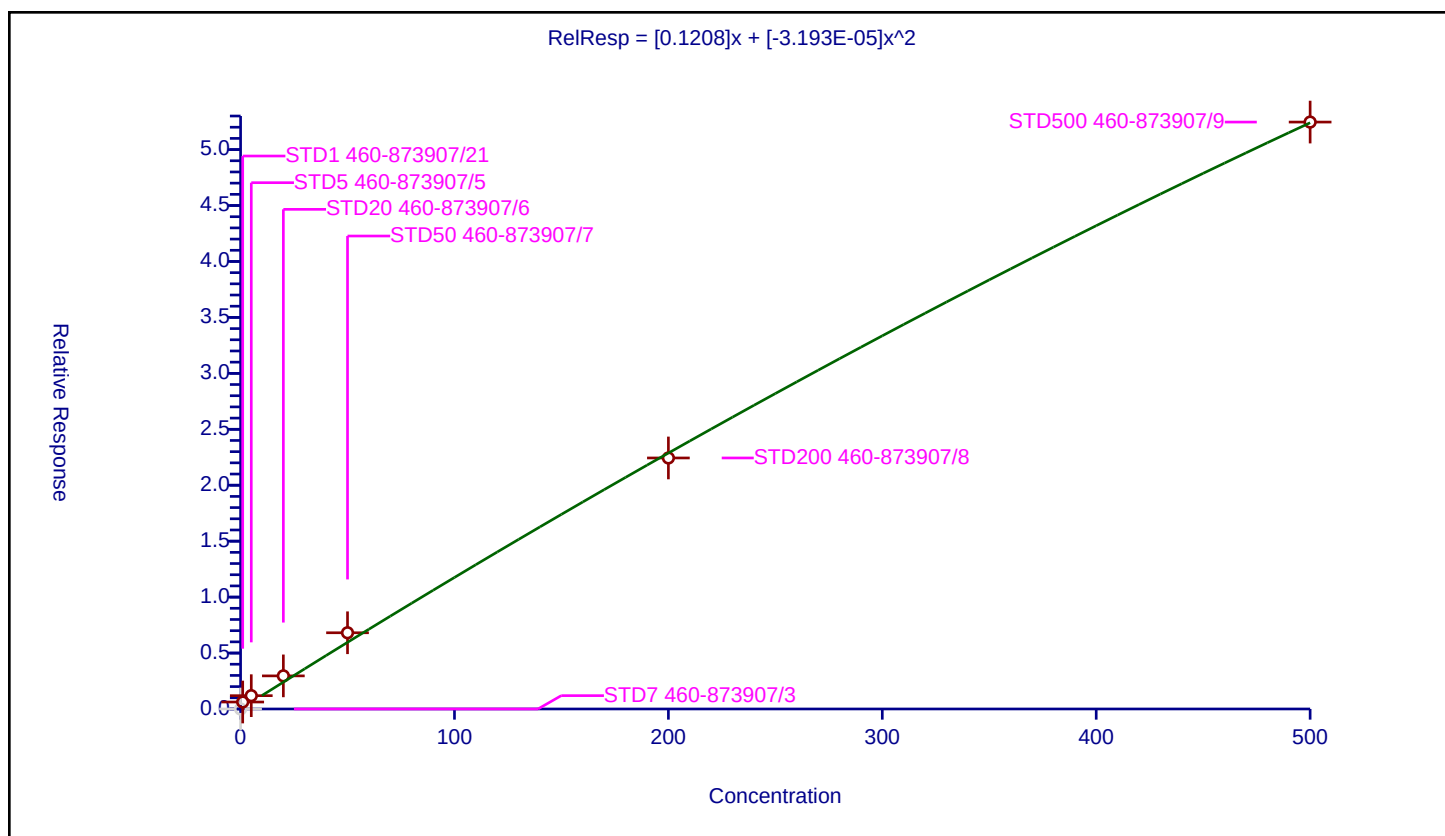
Curve Coefficients

Intercept: 0
 Slope: 0.1208
 Second Order: -3.193E-05

Error Coefficients

Standard Error: 328000
 Relative Standard Error: 214.7
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.623782	50.0	453604.0	0.623782	Y
3	STD5 460-873907/5	5.0	1.18944	50.0	407839.0	0.237888	Y
4	STD20 460-873907/6	20.0	2.958871	50.0	467070.0	0.147944	Y
5	STD50 460-873907/7	50.0	6.813096	50.0	465207.0	0.136262	Y
6	STD200 460-873907/8	200.0	22.437159	50.0	508547.0	0.112186	Y
7	STD500 460-873907/9	500.0	52.458699	50.0	581466.0	0.104917	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

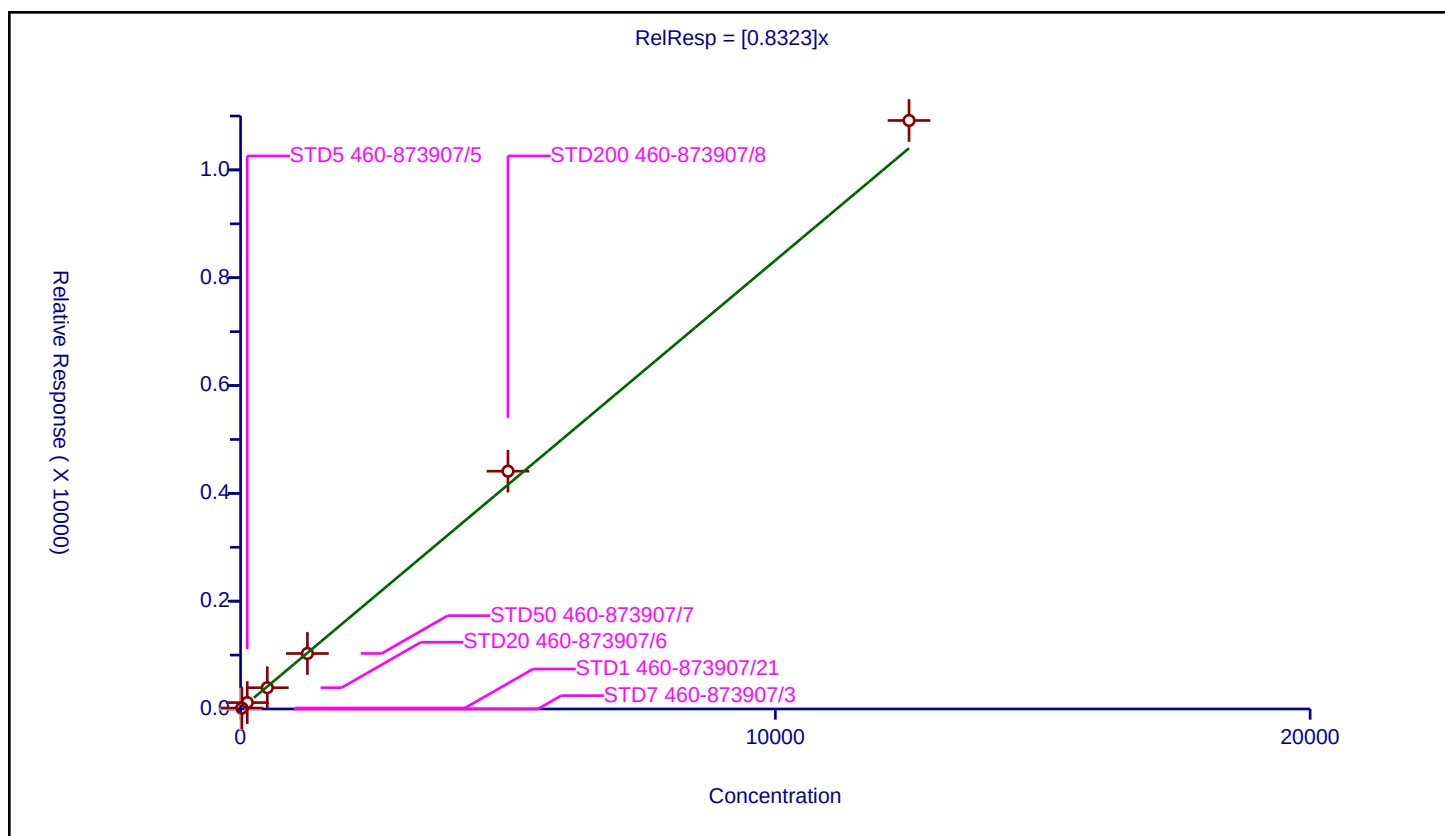
Curve Coefficients

Intercept: 0
Slope: 0.8323

Error Coefficients

Standard Error: 381000
Relative Standard Error: 11.3
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	25.0	16.885701	1000.0	50753.0	0.675428	Y
3	STD5 460-873907/5	125.0	118.679009	1000.0	49478.0	0.949432	Y
4	STD20 460-873907/6	500.0	394.617876	1000.0	56186.0	0.789236	Y
5	STD50 460-873907/7	1250.0	1029.799842	1000.0	58054.0	0.82384	Y
6	STD200 460-873907/8	5000.0	4411.49029	1000.0	63236.0	0.882298	Y
7	STD500 460-873907/9	12500.0	10916.900331	1000.0	74537.0	0.873352	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

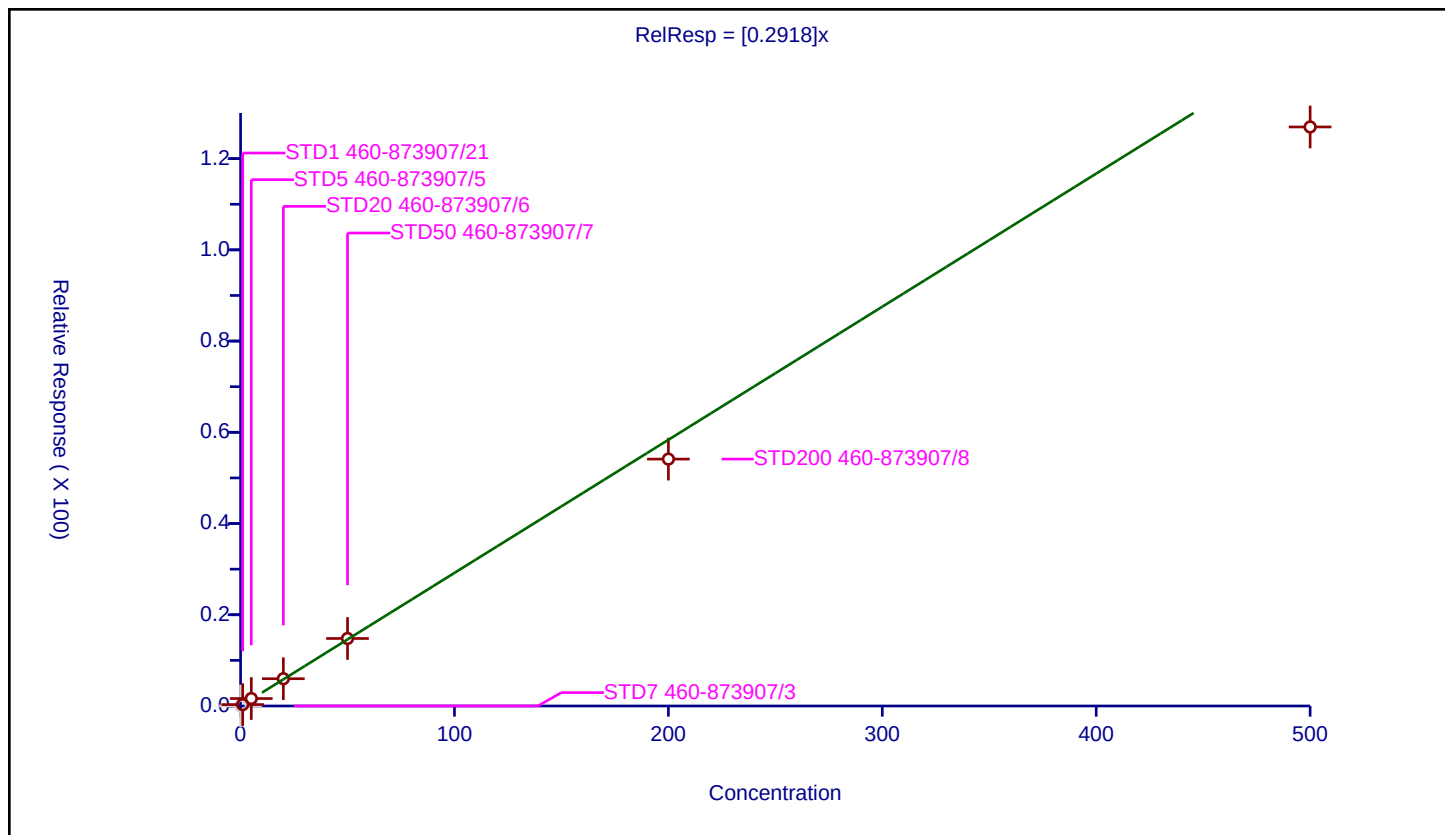
Curve Coefficients

Intercept: 0
 Slope: 0.2918

Error Coefficients

Standard Error: 708000
 Relative Standard Error: 8.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.30434	50.0	453604.0	0.30434	Y
3	STD5 460-873907/5	5.0	1.635327	50.0	407839.0	0.327065	Y
4	STD20 460-873907/6	20.0	5.977905	50.0	467070.0	0.298895	Y
5	STD50 460-873907/7	50.0	14.796961	50.0	465207.0	0.295939	Y
6	STD200 460-873907/8	200.0	54.126266	50.0	508547.0	0.270631	Y
7	STD500 460-873907/9	500.0	126.941472	50.0	581466.0	0.253883	Y



Calibration

/ Ethyl acrylate

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

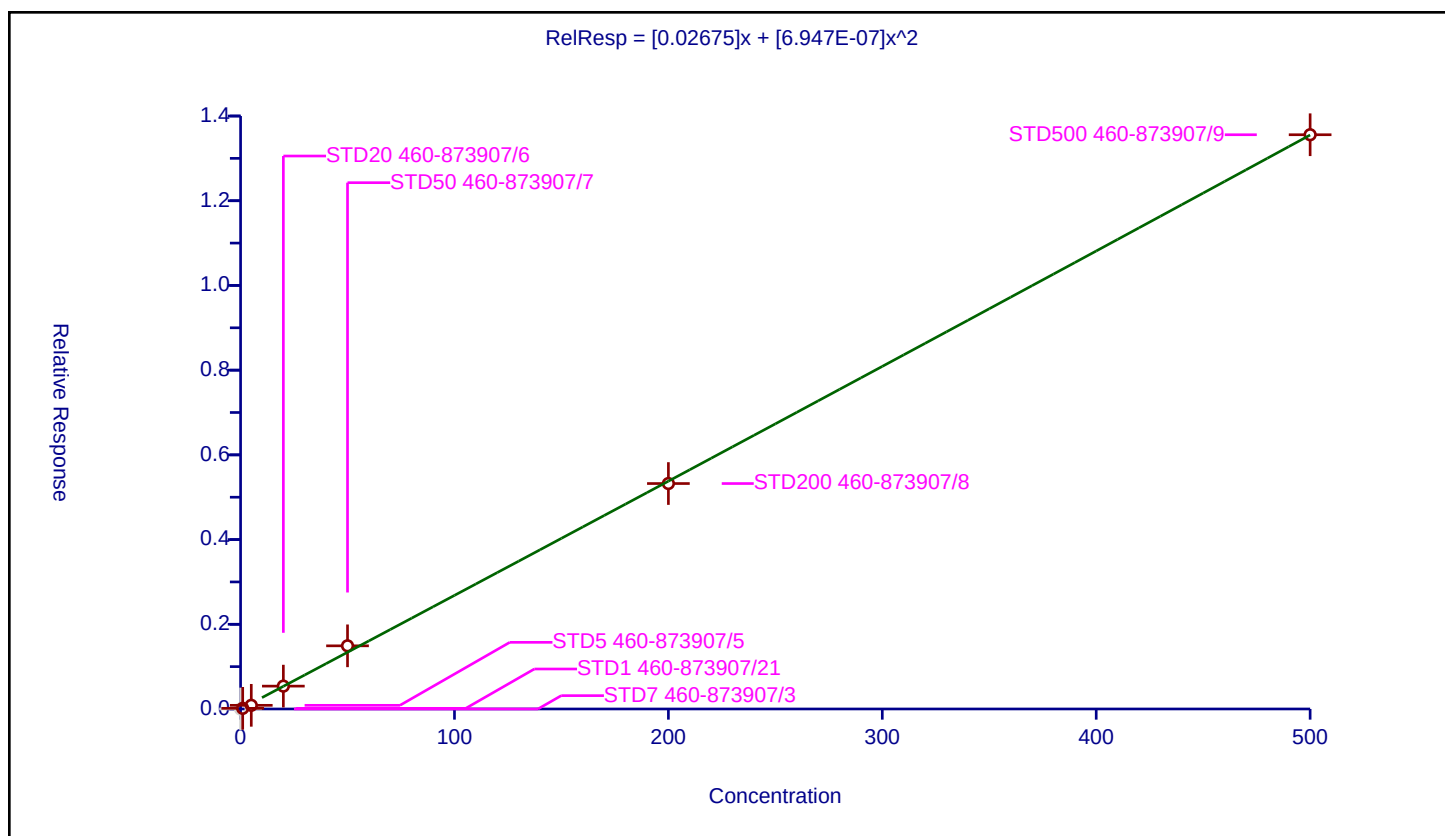
Curve Coefficients

Intercept: 0
Slope: 0.02675
Second Order: 6.947E-07

Error Coefficients

Standard Error: 83700
Relative Standard Error: 28.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.015542	50.0	453604.0	0.015542	Y
3	STD5 460-873907/5	5.0	0.086554	50.0	407839.0	0.017311	Y
4	STD20 460-873907/6	20.0	0.539748	50.0	467070.0	0.026987	Y
5	STD50 460-873907/7	50.0	1.491272	50.0	465207.0	0.029825	Y
6	STD200 460-873907/8	200.0	5.323107	50.0	508547.0	0.026616	Y
7	STD500 460-873907/9	500.0	13.558316	50.0	581466.0	0.027117	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

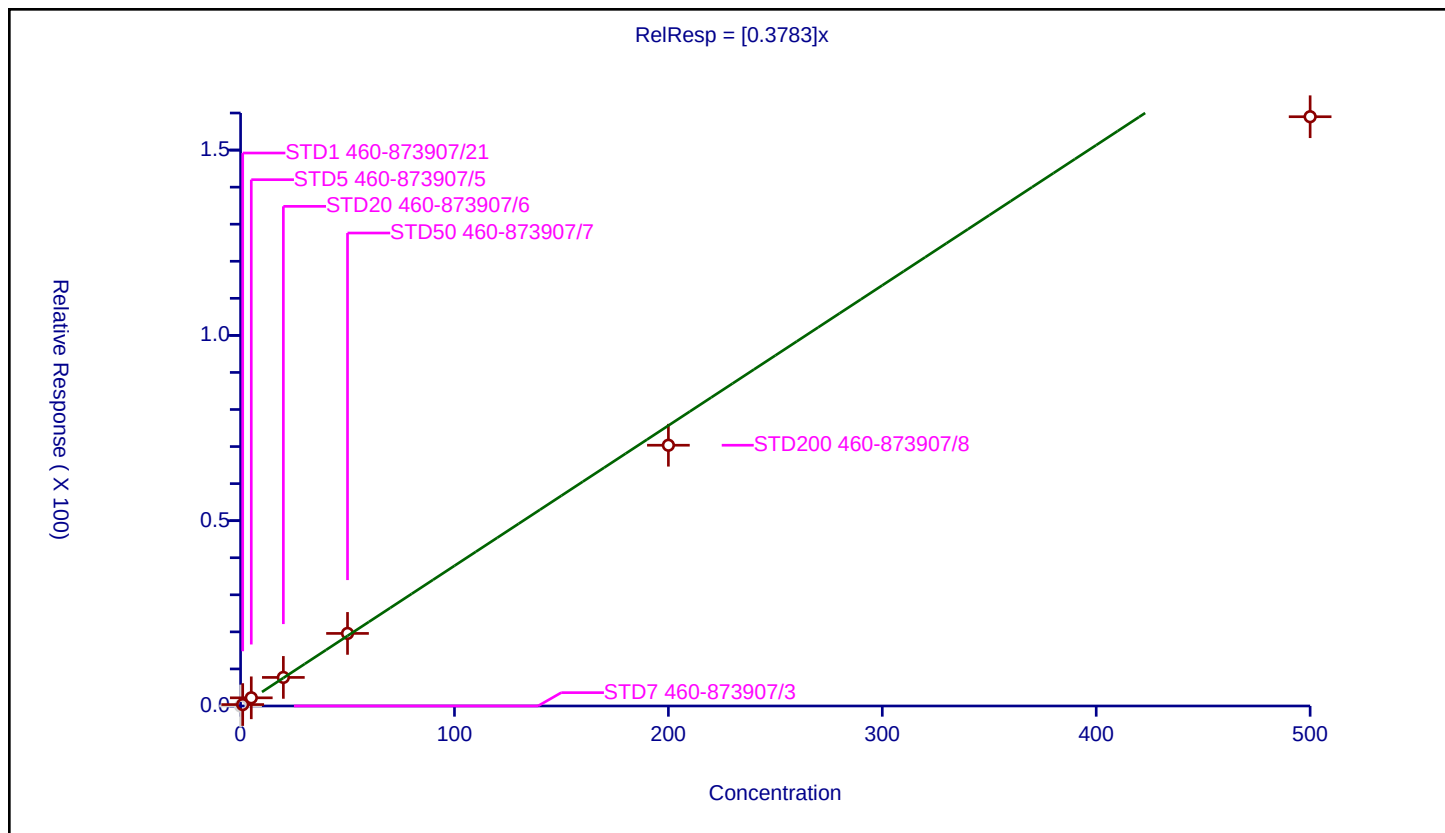
Curve Coefficients

Intercept: 0
 Slope: 0.3783

Error Coefficients

Standard Error: 891000
 Relative Standard Error: 10.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.382162	50.0	453604.0	0.382162	Y
3	STD5 460-873907/5	5.0	2.204546	50.0	407839.0	0.440909	Y
4	STD20 460-873907/6	20.0	7.710622	50.0	467070.0	0.385531	Y
5	STD50 460-873907/7	50.0	19.58526	50.0	465207.0	0.391705	Y
6	STD200 460-873907/8	200.0	70.356427	50.0	508547.0	0.351782	Y
7	STD500 460-873907/9	500.0	159.001558	50.0	581466.0	0.318003	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

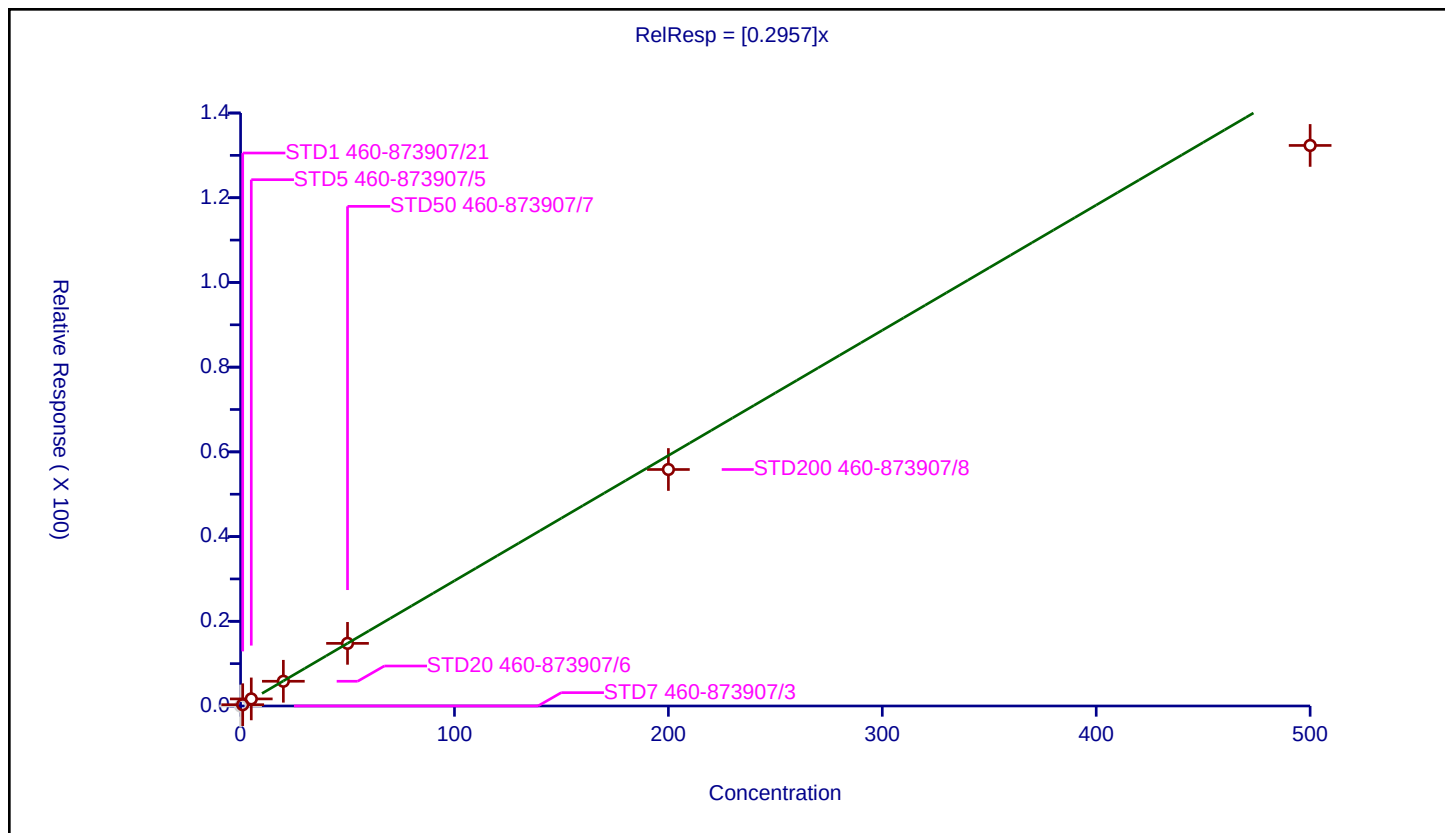
Curve Coefficients

Intercept: 0
 Slope: 0.2957

Error Coefficients

Standard Error: 737000
 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	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.308309	50.0	453604.0	0.308309	Y
3	STD5 460-873907/5	5.0	1.670144	50.0	407839.0	0.334029	Y
4	STD20 460-873907/6	20.0	5.83981	50.0	467070.0	0.29199	Y
5	STD50 460-873907/7	50.0	14.789008	50.0	465207.0	0.29578	Y
6	STD200 460-873907/8	200.0	55.8383	50.0	508547.0	0.279192	Y
7	STD500 460-873907/9	500.0	132.344368	50.0	581466.0	0.264689	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

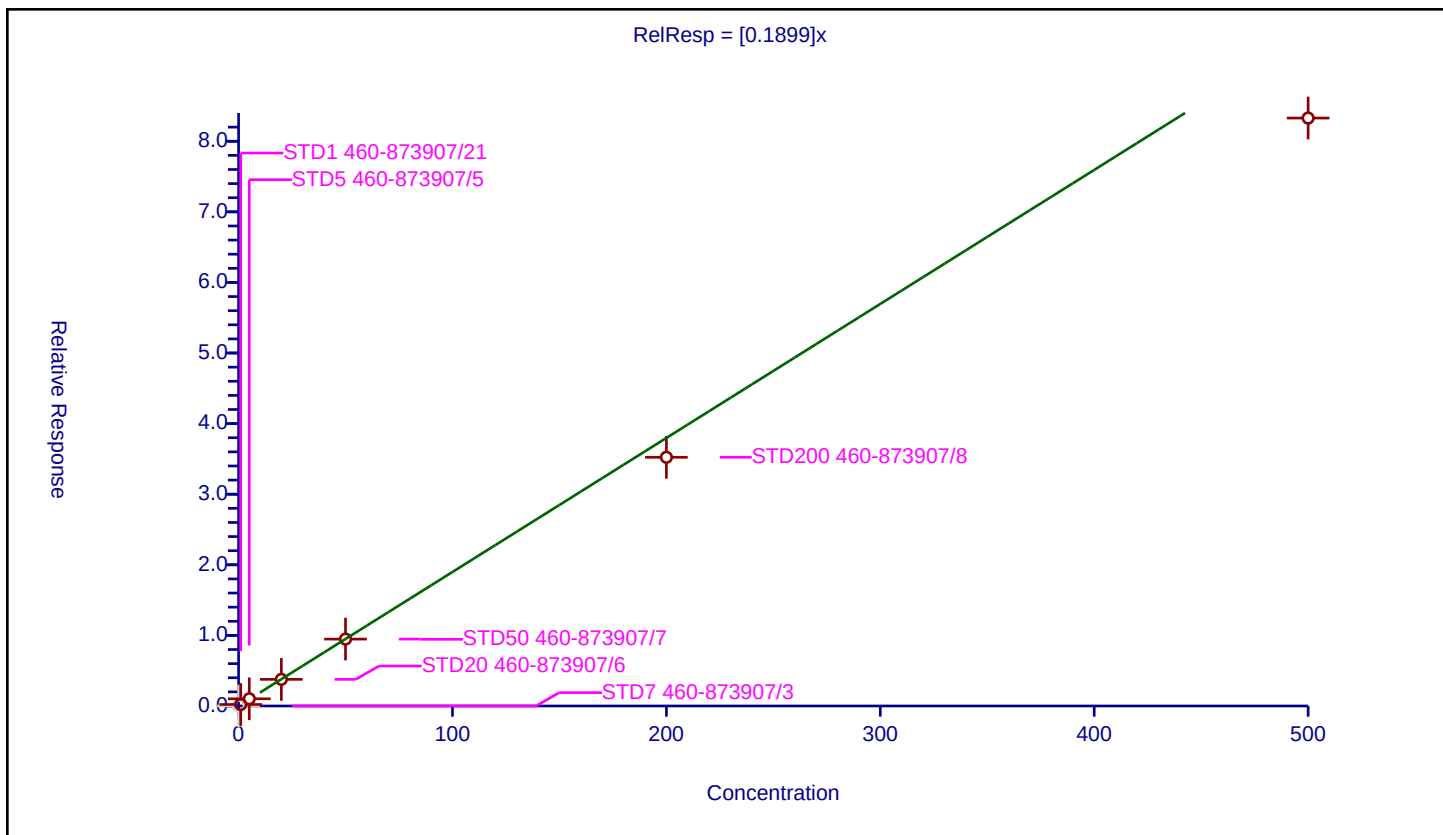
Curve Coefficients

Intercept: 0
 Slope: 0.1899

Error Coefficients

Standard Error: 464000
 Relative Standard Error: 9.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.214725	50.0	453604.0	0.214725	Y
3	STD5 460-873907/5	5.0	1.017926	50.0	407839.0	0.203585	Y
4	STD20 460-873907/6	20.0	3.770741	50.0	467070.0	0.188537	Y
5	STD50 460-873907/7	50.0	9.476642	50.0	465207.0	0.189533	Y
6	STD200 460-873907/8	200.0	35.230765	50.0	508547.0	0.176154	Y
7	STD500 460-873907/9	500.0	83.286125	50.0	581466.0	0.166572	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

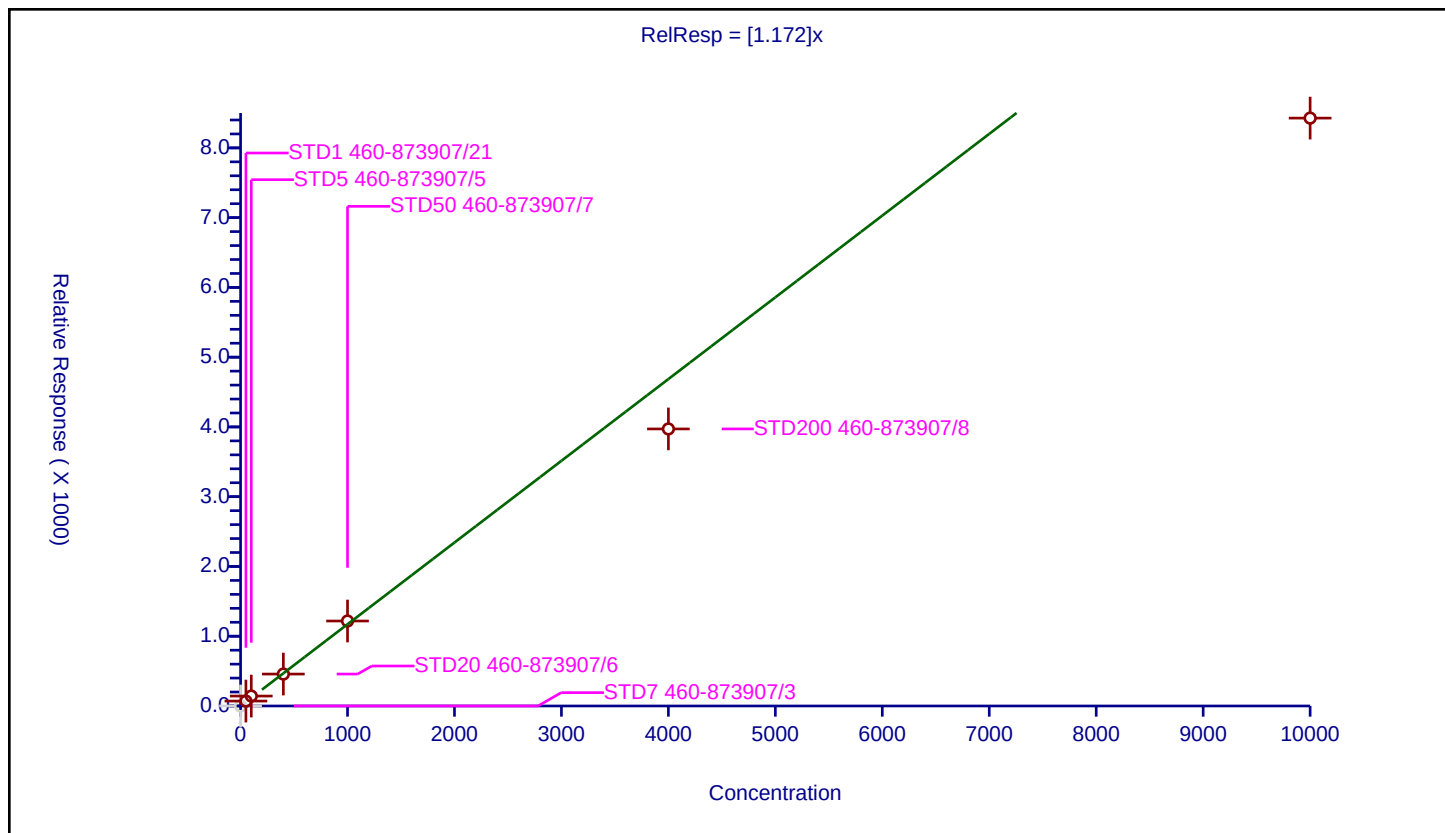
Curve Coefficients

Intercept: 0
Slope: 1.172

Error Coefficients

Standard Error: 129000
Relative Standard Error: 19.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.937

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	20634.0	NaN	N
2	STD1 460-873907/21	50.000062	70.331447	1000.0	18555.0	1.406627	Y
3	STD5 460-873907/5	100.0	142.524107	1000.0	18874.0	1.425241	Y
4	STD20 460-873907/6	400.0	457.636515	1000.0	21646.0	1.144091	Y
5	STD50 460-873907/7	1000.0	1217.916108	1000.0	21623.0	1.217916	Y
6	STD200 460-873907/8	4000.0	3971.402107	1000.0	25911.0	0.992851	Y
7	STD500 460-873907/9	10000.0	8427.144993	1000.0	33450.0	0.842714	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

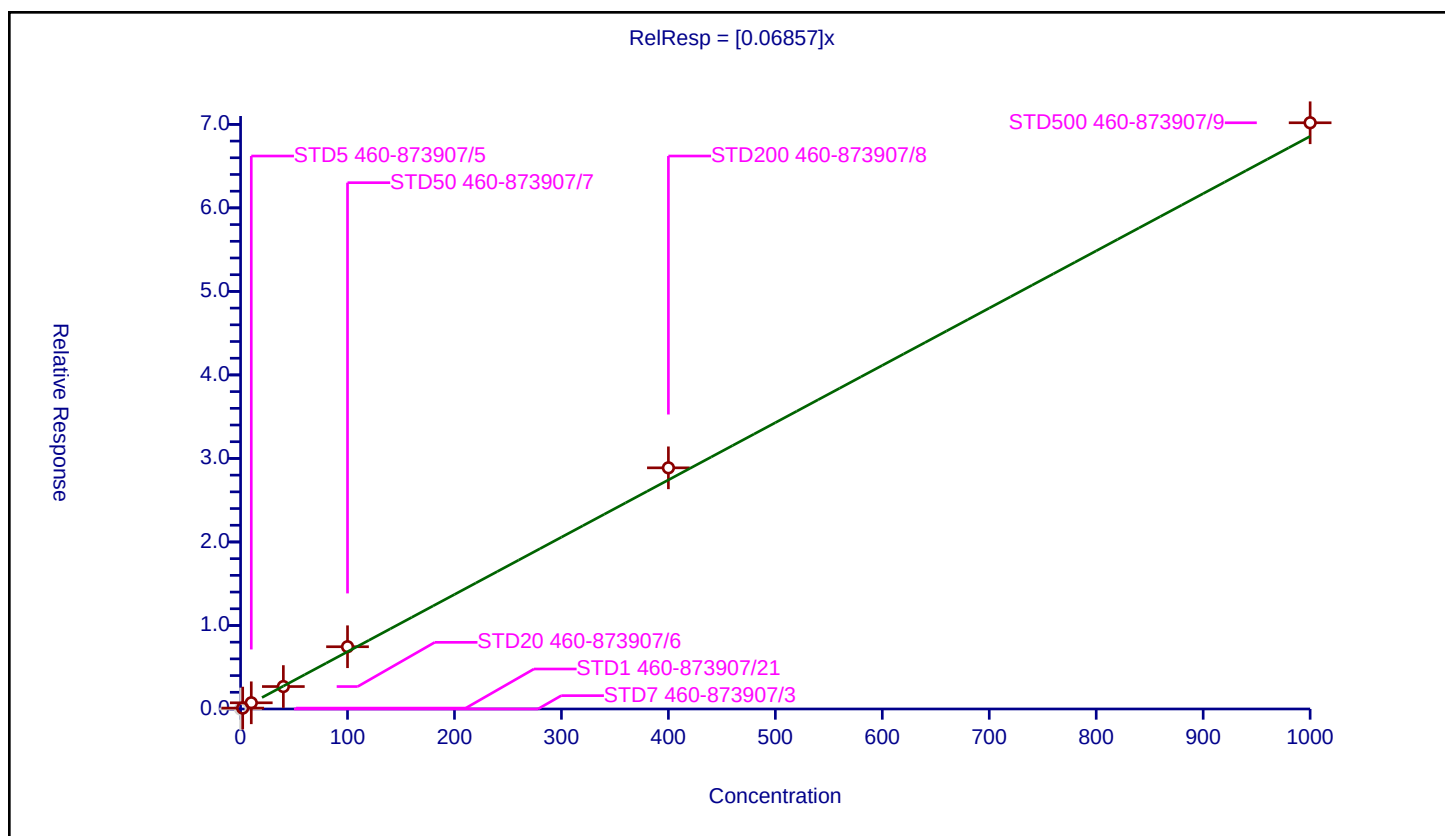
Curve Coefficients

Intercept: 0
 Slope: 0.06857

Error Coefficients

Standard Error: 389000
 Relative Standard Error: 11.8
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	2.0	0.10615	50.0	453604.0	0.053075	Y
3	STD5 460-873907/5	10.0	0.742327	50.0	407839.0	0.074233	Y
4	STD20 460-873907/6	40.0	2.686642	50.0	467070.0	0.067166	Y
5	STD50 460-873907/7	100.0	7.454638	50.0	465207.0	0.074546	Y
6	STD200 460-873907/8	400.0	28.876485	50.0	508547.0	0.072191	Y
7	STD500 460-873907/9	1000.0	70.193012	50.0	581466.0	0.070193	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

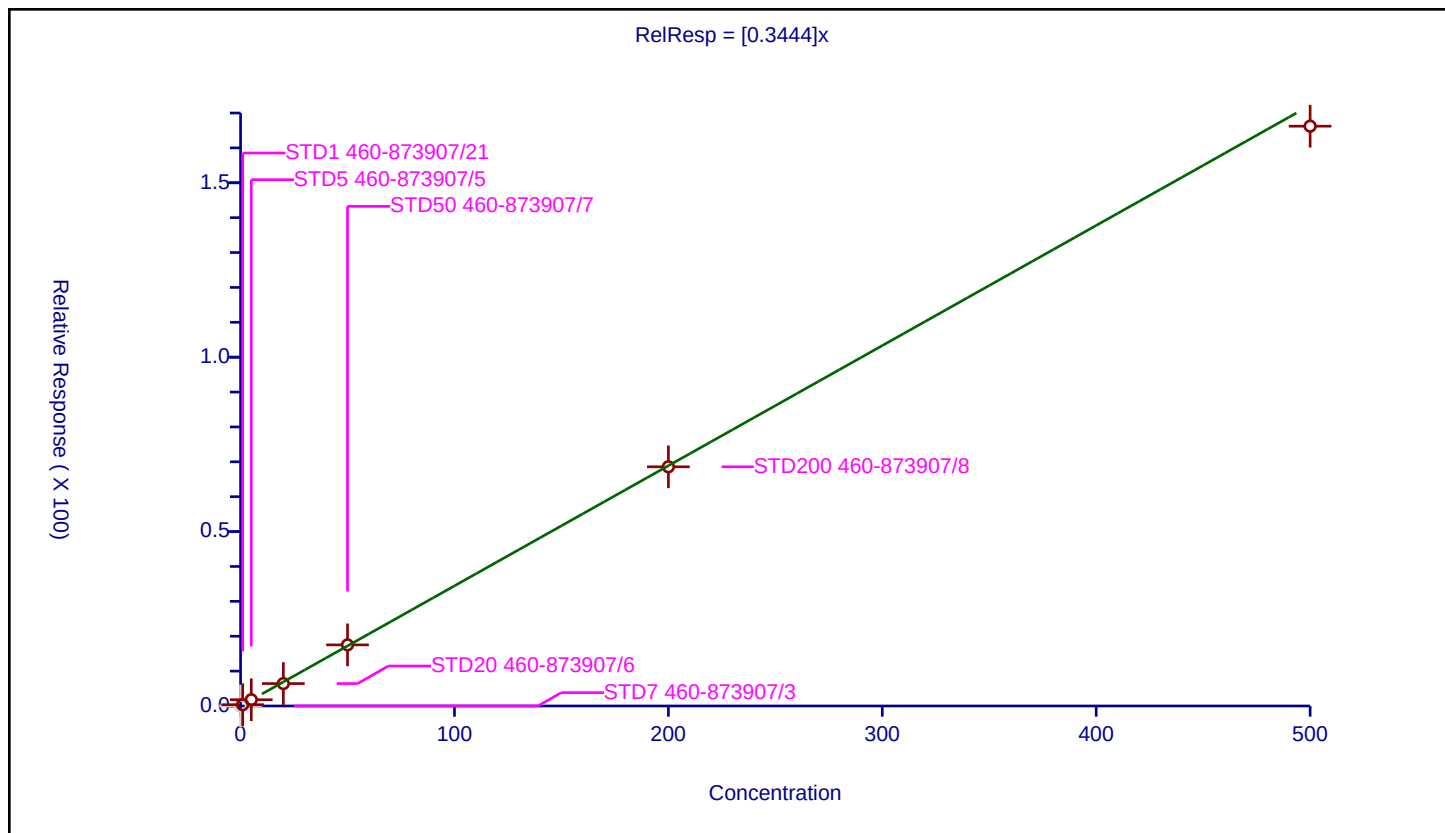
Curve Coefficients

Intercept: 0
 Slope: 0.3444

Error Coefficients

Standard Error: 922000
 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 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.361659	50.0	453604.0	0.361659	Y
3	STD5 460-873907/5	5.0	1.789186	50.0	407839.0	0.357837	Y
4	STD20 460-873907/6	20.0	6.426446	50.0	467070.0	0.321322	Y
5	STD50 460-873907/7	50.0	17.517471	50.0	465207.0	0.350349	Y
6	STD200 460-873907/8	200.0	68.575569	50.0	508547.0	0.342878	Y
7	STD500 460-873907/9	500.0	166.220811	50.0	581466.0	0.332442	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

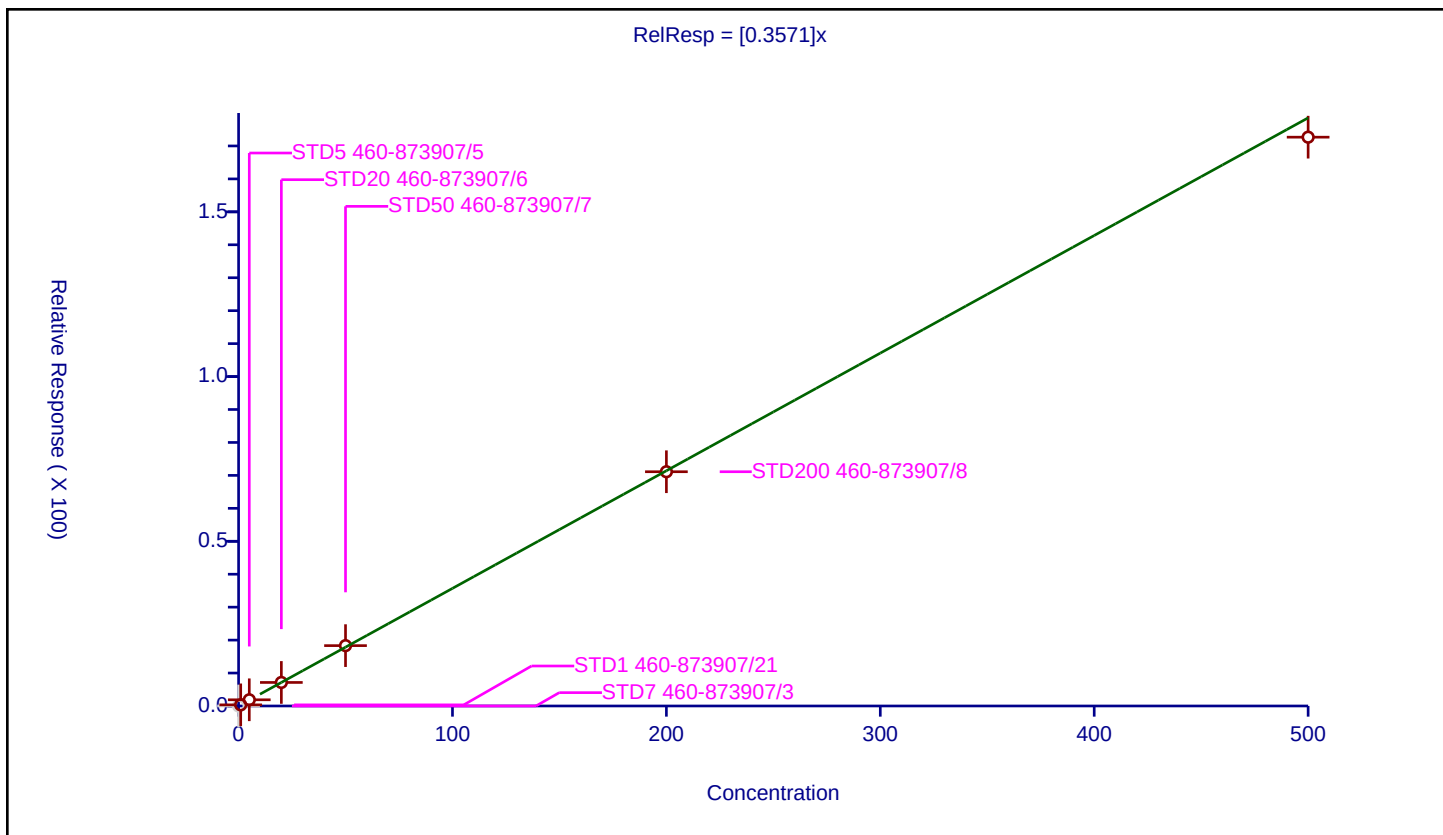
Curve Coefficients

Intercept: 0
 Slope: 0.3571

Error Coefficients

Standard Error: 958000
 Relative Standard Error: 3.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.341487	50.0	453604.0	0.341487	Y
3	STD5 460-873907/5	5.0	1.88138	50.0	407839.0	0.376276	Y
4	STD20 460-873907/6	20.0	7.146359	50.0	467070.0	0.357318	Y
5	STD50 460-873907/7	50.0	18.319479	50.0	465207.0	0.36639	Y
6	STD200 460-873907/8	200.0	71.106407	50.0	508547.0	0.355532	Y
7	STD500 460-873907/9	500.0	172.667103	50.0	581466.0	0.345334	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

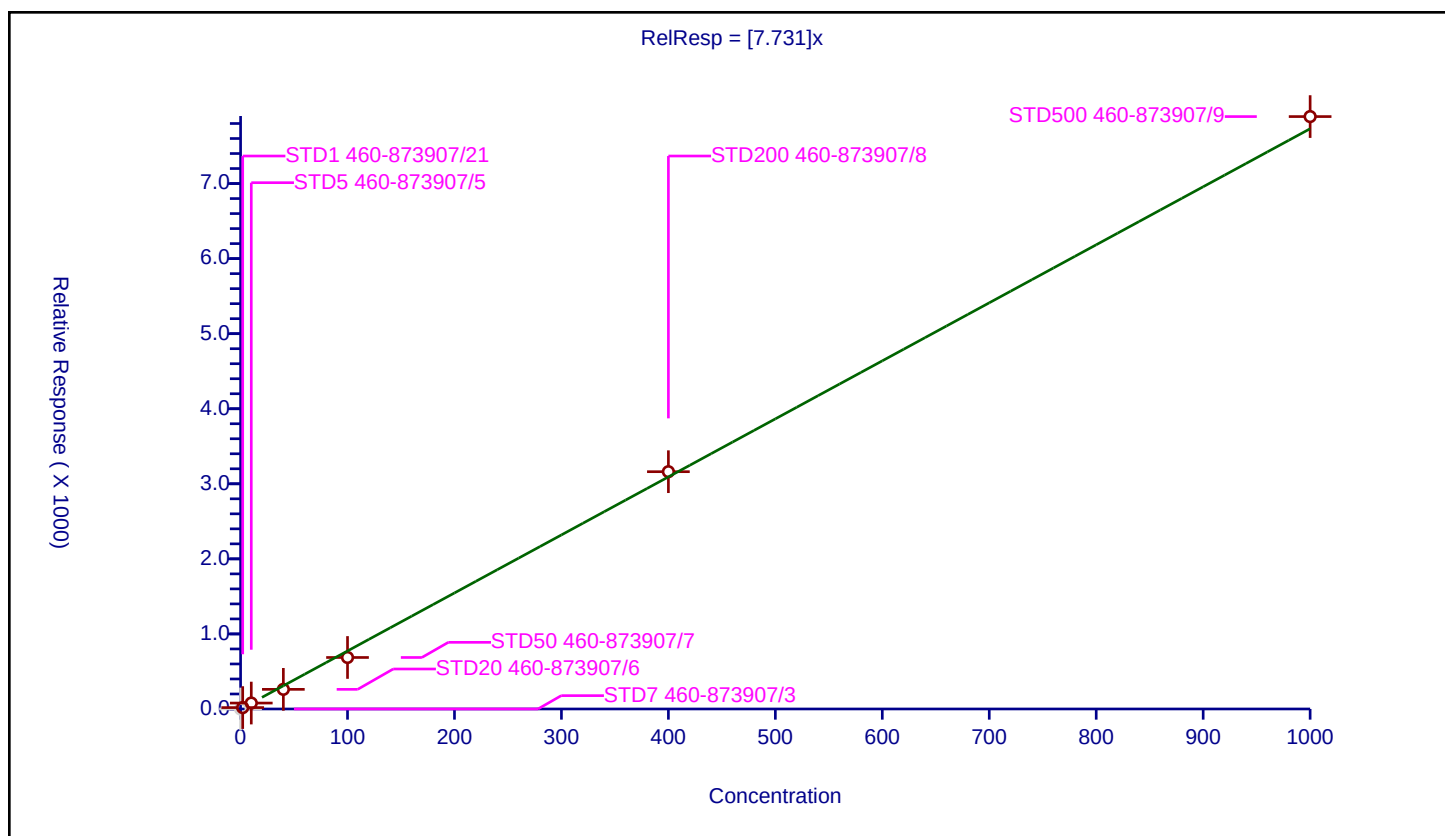
Curve Coefficients

Intercept: 0
 Slope: 7.731

Error Coefficients

Standard Error: 275000
 Relative Standard Error: 12.6
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.980

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	1000.0	54763.0	NaN	N
2	STD1 460-873907/21	2.0	18.599886	1000.0	50753.0	9.299943	Y
3	STD5 460-873907/5	10.0	78.883544	1000.0	49478.0	7.888354	Y
4	STD20 460-873907/6	40.0	261.524223	1000.0	56186.0	6.538106	Y
5	STD50 460-873907/7	100.0	686.068143	1000.0	58054.0	6.860681	Y
6	STD200 460-873907/8	400.0	3161.379594	1000.0	63236.0	7.903449	Y
7	STD500 460-873907/9	1000.0	7892.50976	1000.0	74537.0	7.89251	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

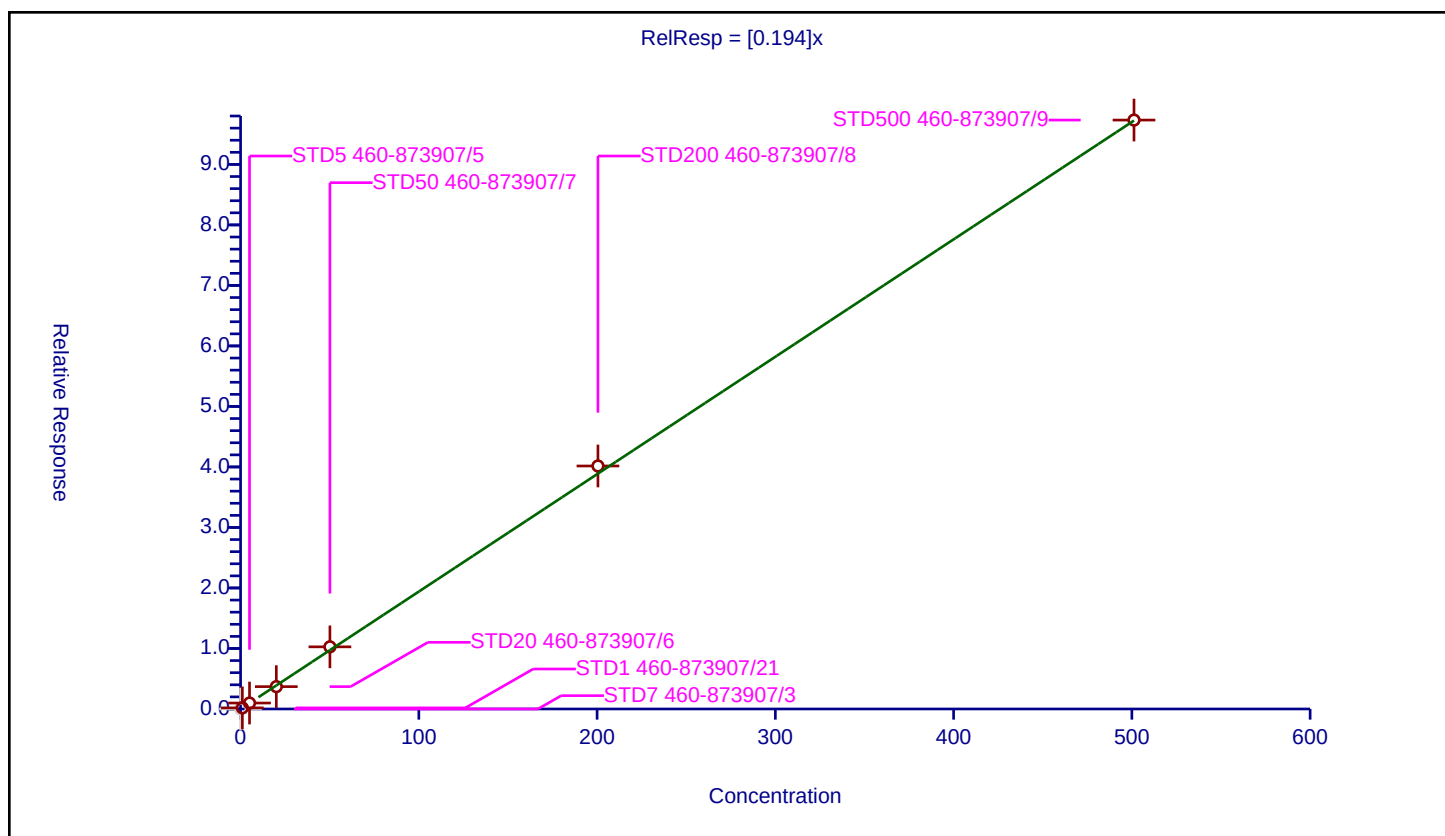
Curve Coefficients

Intercept: 0
 Slope: 0.194

Error Coefficients

Standard Error: 540000
 Relative Standard Error: 4.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0024	0.184743	50.0	453604.0	0.1843	Y
3	STD5 460-873907/5	5.012	0.983109	50.0	407839.0	0.196151	Y
4	STD20 460-873907/6	20.048	3.6942	50.0	467070.0	0.184268	Y
5	STD50 460-873907/7	50.12	10.270589	50.0	465207.0	0.20492	Y
6	STD200 460-873907/8	200.48	40.162266	50.0	508547.0	0.200331	Y
7	STD500 460-873907/9	501.2	97.328649	50.0	581466.0	0.194191	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

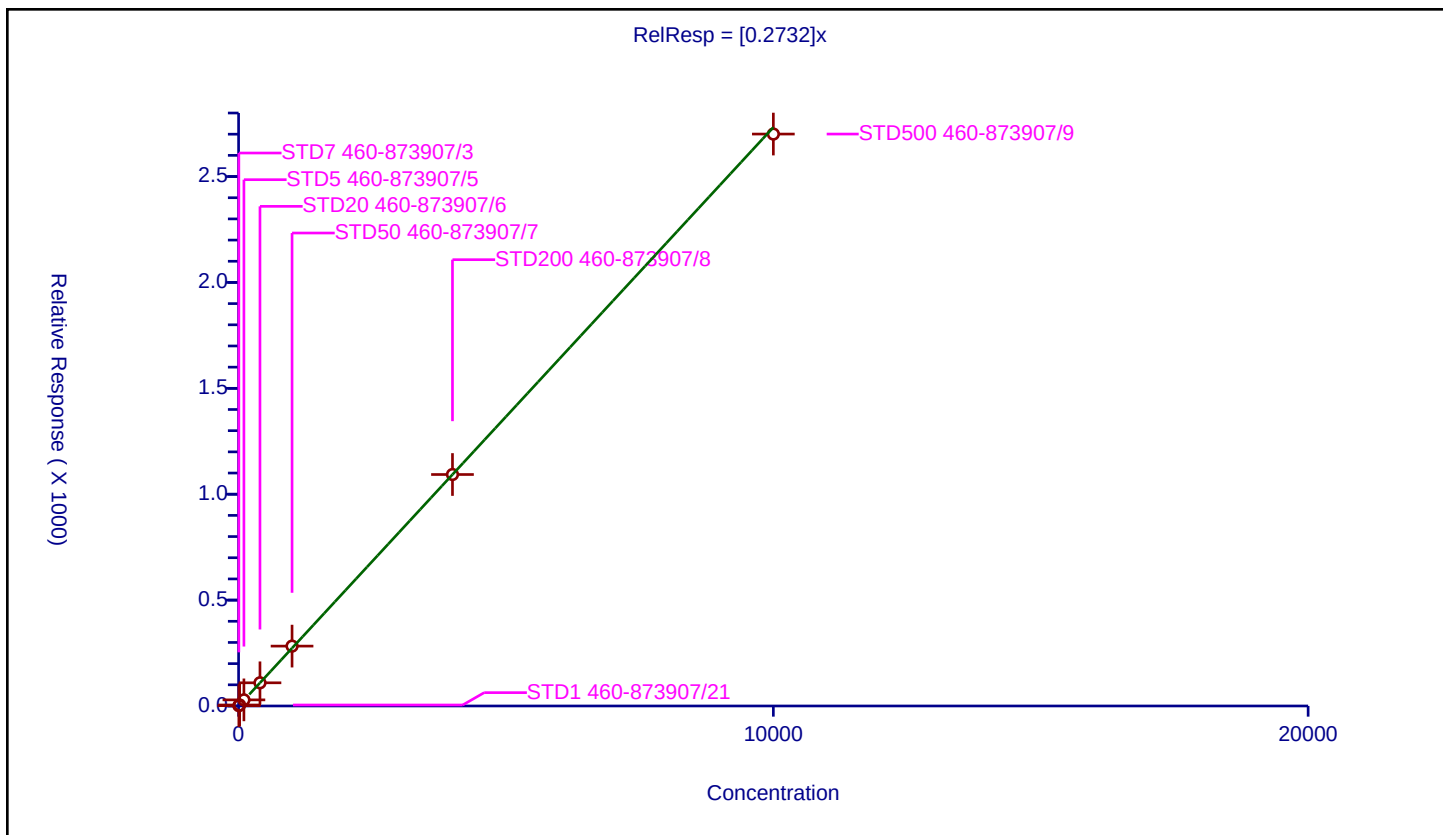
Curve Coefficients

Intercept: 0
 Slope: 0.2732

Error Coefficients

Standard Error: 1400000
 Relative Standard Error: 6.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	5.000009	1.432866	250.0	228214.0	0.286573	Y
2	STD1 460-873907/21	20.000035	4.748845	250.0	210209.0	0.237442	Y
3	STD5 460-873907/5	100.000173	28.890569	250.0	204366.0	0.288905	Y
4	STD20 460-873907/6	400.000692	109.437395	250.0	225878.0	0.273593	Y
5	STD50 460-873907/7	1000.00173	282.792843	250.0	237346.0	0.282792	Y
6	STD200 460-873907/8	4000.00692	1092.99025	250.0	259995.0	0.273247	Y
7	STD500 460-873907/9	10000.0173	2700.687939	250.0	298355.0	0.270068	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

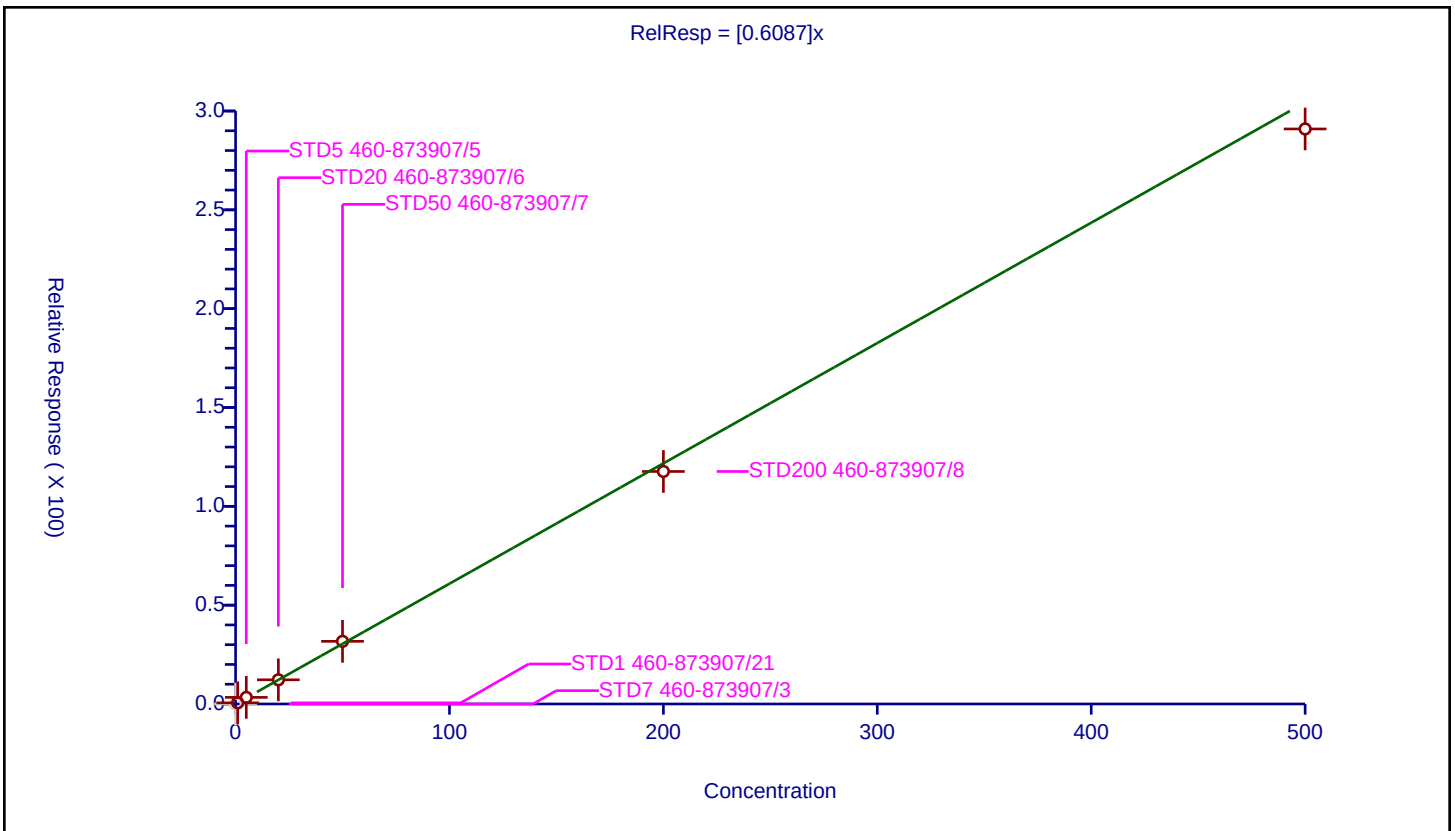
Curve Coefficients

Intercept: 0
 Slope: 0.6087

Error Coefficients

Standard Error: 1240000
 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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.568984	50.0	331644.0	0.568984	Y
3	STD5 460-873907/5	5.0	3.339189	50.0	299429.0	0.667838	Y
4	STD20 460-873907/6	20.0	12.225906	50.0	348330.0	0.611295	Y
5	STD50 460-873907/7	50.0	31.696083	50.0	350537.0	0.633922	Y
6	STD200 460-873907/8	200.0	117.637558	50.0	399976.0	0.588188	Y
7	STD500 460-873907/9	500.0	290.923809	50.0	445027.0	0.581848	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

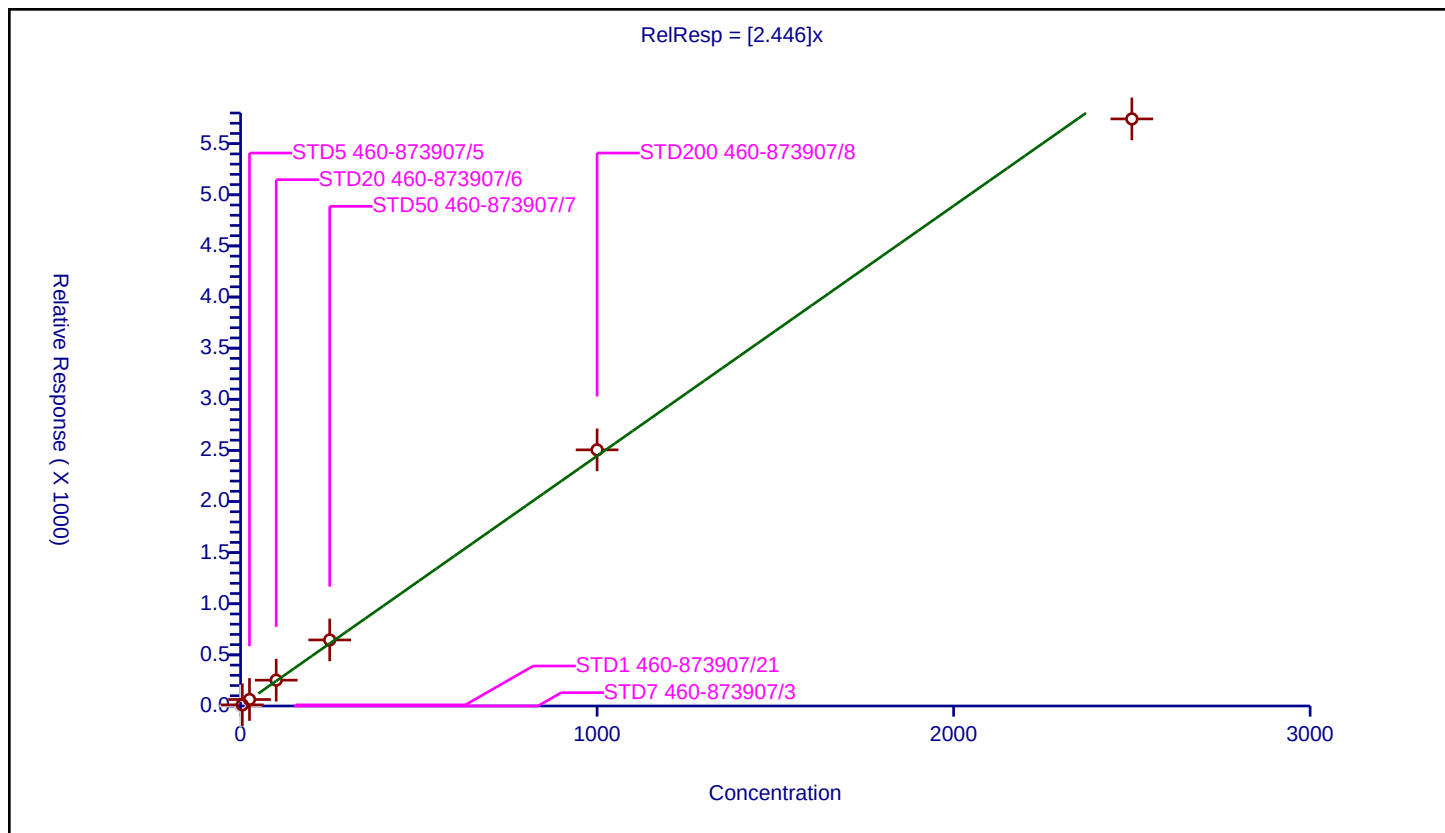
Curve Coefficients

Intercept: 0
Slope: 2.446

Error Coefficients

Standard Error: 3290000
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	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	5.0	11.081828	250.0	210209.0	2.216366	Y
3	STD5 460-873907/5	25.0	63.6395	250.0	204366.0	2.54558	Y
4	STD20 460-873907/6	100.0	252.683971	250.0	225878.0	2.52684	Y
5	STD50 460-873907/7	250.0	646.068398	250.0	237346.0	2.584274	Y
6	STD200 460-873907/8	1000.0	2505.529914	250.0	259995.0	2.50553	Y
7	STD500 460-873907/9	2500.0	5742.27179	250.0	298355.0	2.296909	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

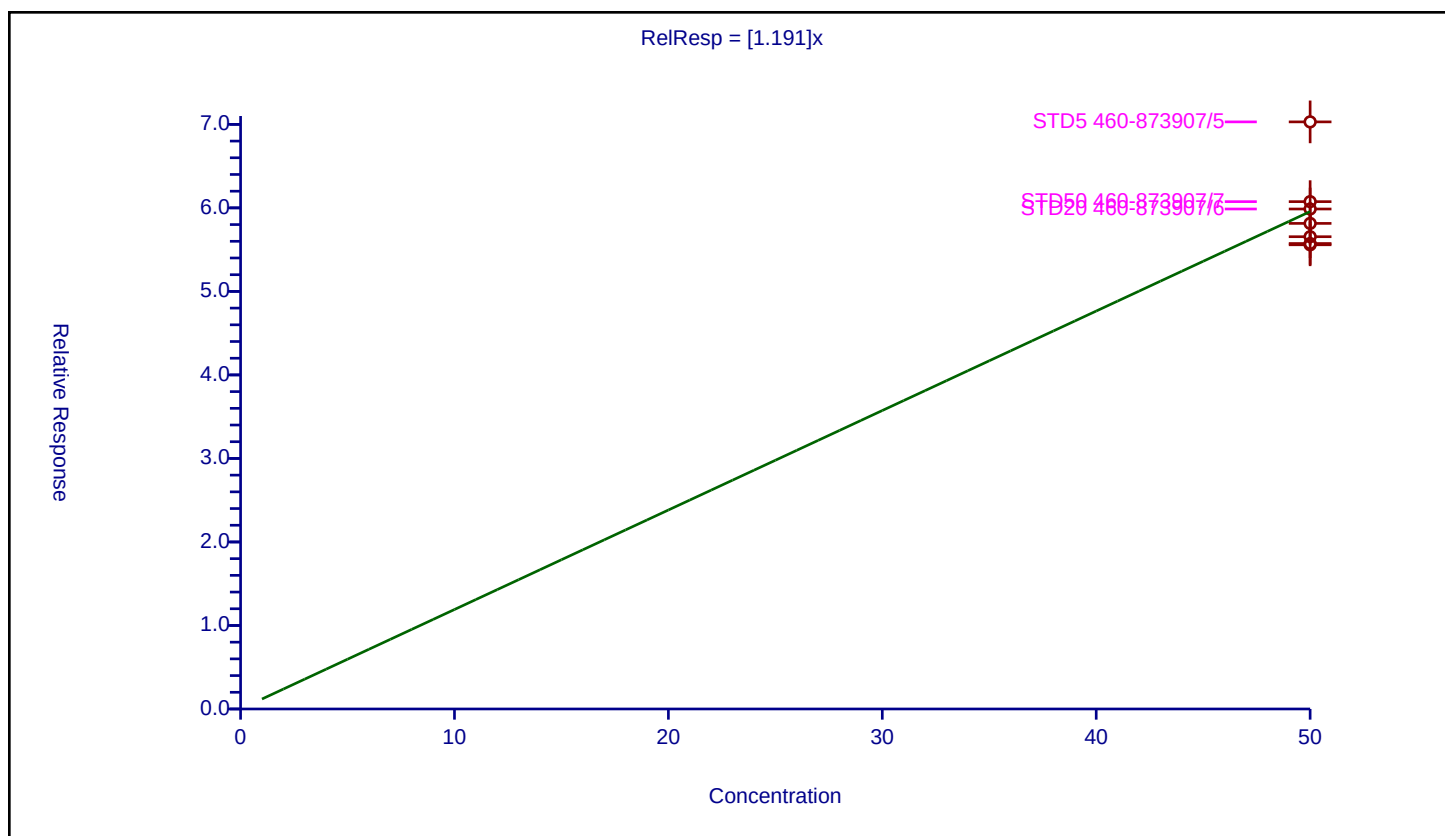
Curve Coefficients

Intercept: 0
Slope: 1.191

Error Coefficients

Standard Error: 465000
Relative Standard Error: 8.6
Correlation Coefficient: 0.00000000000000000000
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	50.0	58.14304	50.0	359313.0	1.162861	Y
2	STD5 460-873907/5	50.0	70.297132	50.0	299429.0	1.405943	Y
3	STD20 460-873907/6	50.0	59.865645	50.0	348330.0	1.197313	Y
4	STD50 460-873907/7	50.0	60.748081	50.0	350537.0	1.214962	Y
5	STD200 460-873907/8	50.0	55.733594	50.0	399976.0	1.114672	Y
6	STD500 460-873907/9	50.0	56.548928	50.0	445027.0	1.130979	Y
7	STD1 460-873907/21	50.0	55.581889	50.0	331644.0	1.111638	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

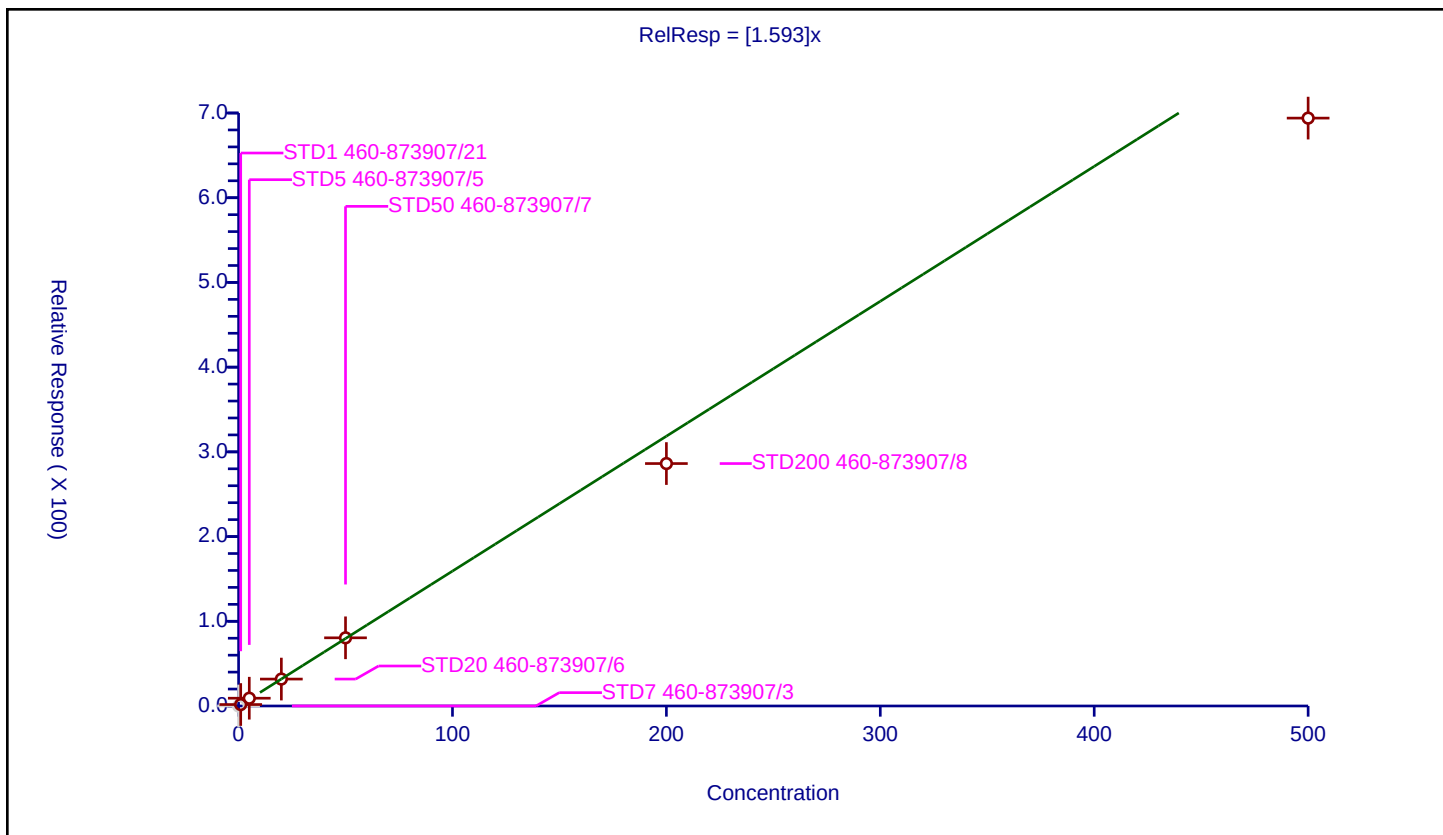
Curve Coefficients

Intercept: 0
 Slope: 1.593

Error Coefficients

Standard Error: 2960000
 Relative Standard Error: 10.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	1.705895	50.0	331644.0	1.705895	Y
3	STD5 460-873907/5	5.0	9.162272	50.0	299429.0	1.832454	Y
4	STD20 460-873907/6	20.0	31.768294	50.0	348330.0	1.588415	Y
5	STD50 460-873907/7	50.0	80.478523	50.0	350537.0	1.60957	Y
6	STD200 460-873907/8	200.0	286.200547	50.0	399976.0	1.431003	Y
7	STD500 460-873907/9	500.0	693.985309	50.0	445027.0	1.387971	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

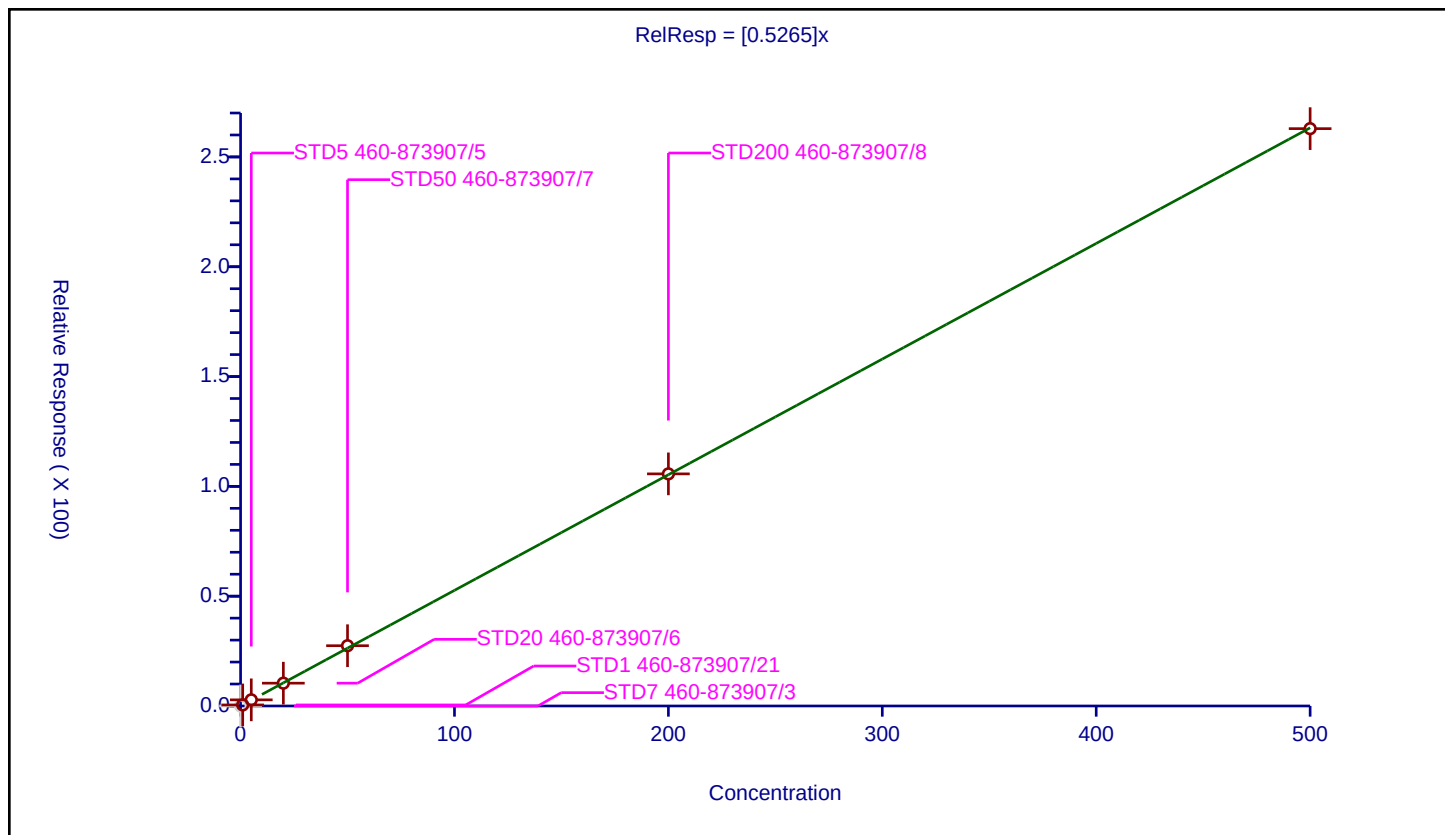
Curve Coefficients

Intercept: 0
 Slope: 0.5265

Error Coefficients

Standard Error: 1120000
 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	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.476565	50.0	331644.0	0.476565	Y
3	STD5 460-873907/5	5.0	2.799996	50.0	299429.0	0.559999	Y
4	STD20 460-873907/6	20.0	10.391583	50.0	348330.0	0.519579	Y
5	STD50 460-873907/7	50.0	27.441754	50.0	350537.0	0.548835	Y
6	STD200 460-873907/8	200.0	105.691591	50.0	399976.0	0.528458	Y
7	STD500 460-873907/9	500.0	262.88405	50.0	445027.0	0.525768	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

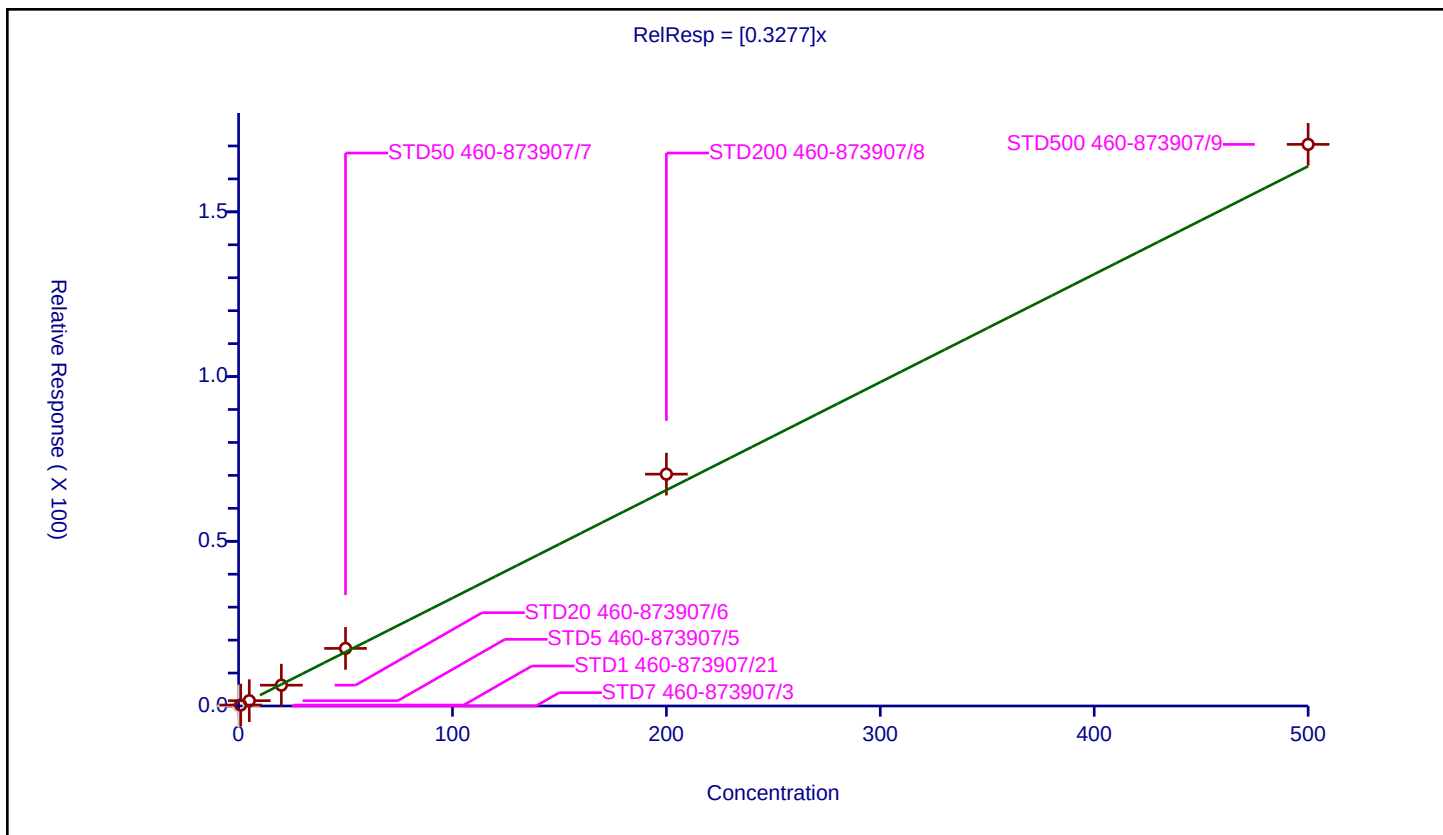
Curve Coefficients

Intercept: 0
 Slope: 0.3277

Error Coefficients

Standard Error: 946000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	494508.0	NaN	N
2	STD1 460-873907/21	1.0	0.284499	50.0	453604.0	0.284499	Y
3	STD5 460-873907/5	5.0	1.615221	50.0	407839.0	0.323044	Y
4	STD20 460-873907/6	20.0	6.317683	50.0	467070.0	0.315884	Y
5	STD50 460-873907/7	50.0	17.484582	50.0	465207.0	0.349692	Y
6	STD200 460-873907/8	200.0	70.379631	50.0	508547.0	0.351898	Y
7	STD500 460-873907/9	500.0	170.479013	50.0	581466.0	0.340958	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

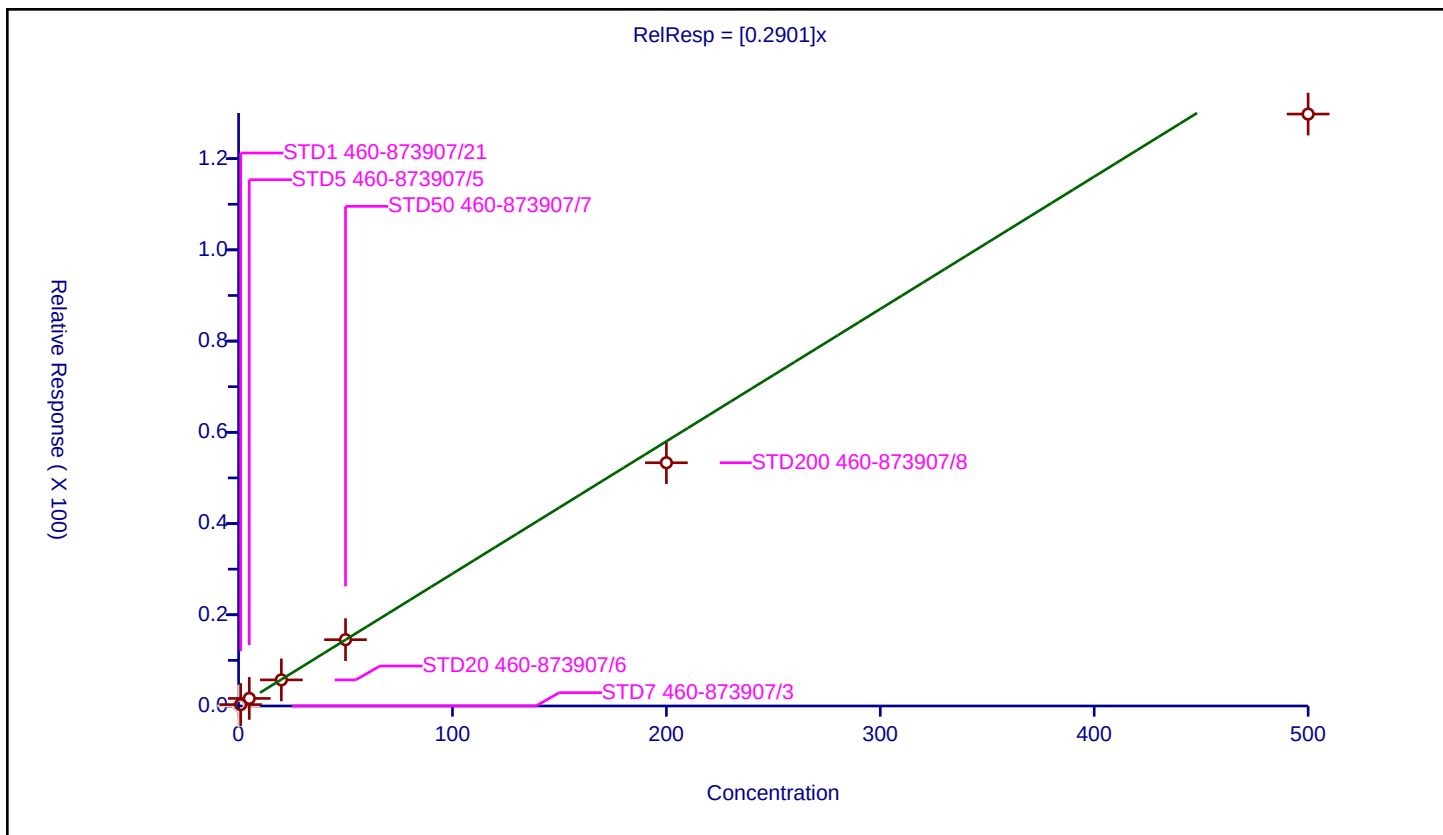
Curve Coefficients

Intercept: 0
 Slope: 0.2901

Error Coefficients

Standard Error: 553000
 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	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.3059	50.0	331644.0	0.3059	Y
3	STD5 460-873907/5	5.0	1.659158	50.0	299429.0	0.331832	Y
4	STD20 460-873907/6	20.0	5.721873	50.0	348330.0	0.286094	Y
5	STD50 460-873907/7	50.0	14.53741	50.0	350537.0	0.290748	Y
6	STD200 460-873907/8	200.0	53.324074	50.0	399976.0	0.26662	Y
7	STD500 460-873907/9	500.0	129.771564	50.0	445027.0	0.259543	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

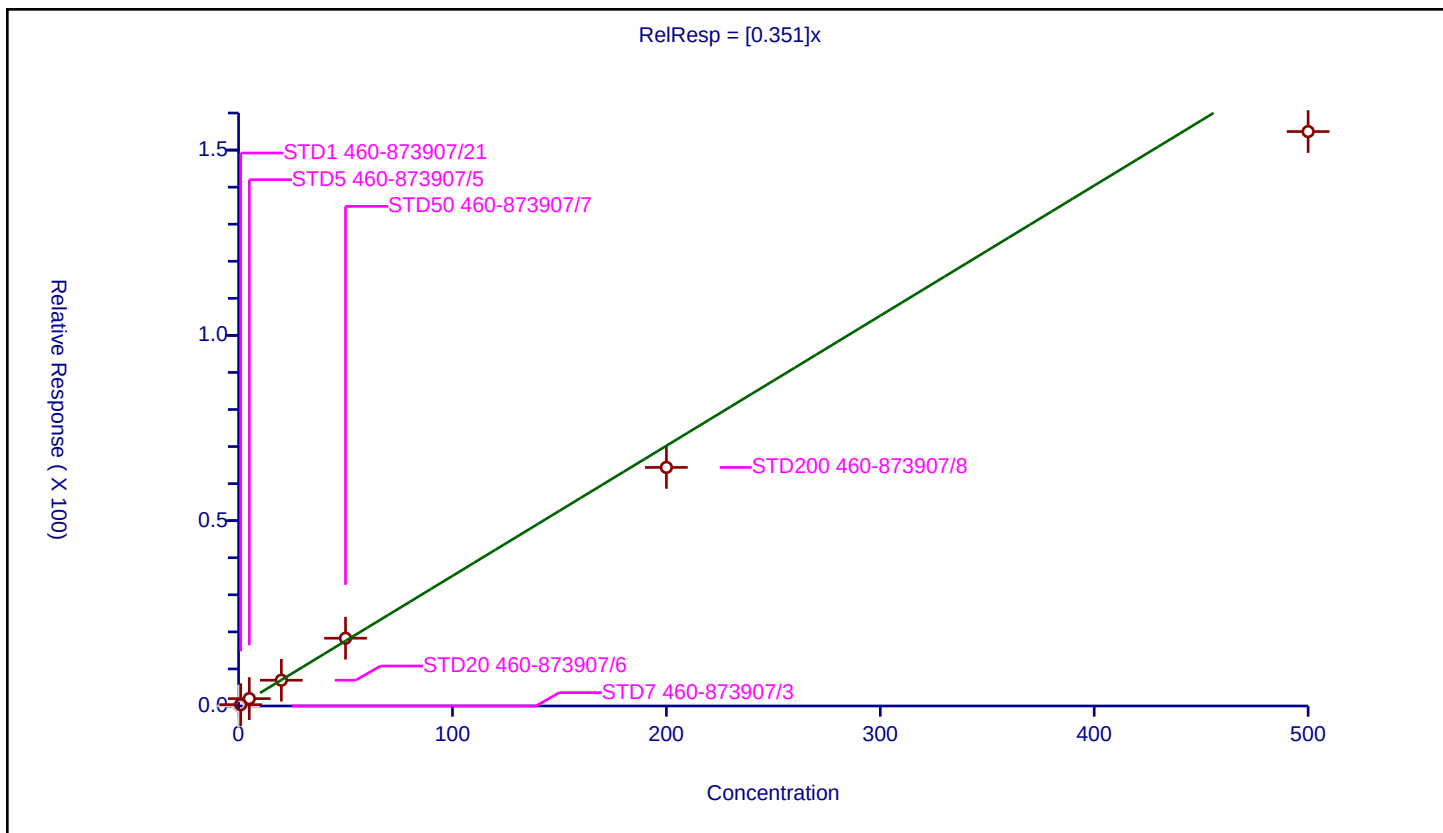
Curve Coefficients

Intercept: 0
 Slope: 0.351

Error Coefficients

Standard Error: 661000
 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	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.362588	50.0	331644.0	0.362588	Y
3	STD5 460-873907/5	5.0	1.992292	50.0	299429.0	0.398458	Y
4	STD20 460-873907/6	20.0	6.951598	50.0	348330.0	0.34758	Y
5	STD50 460-873907/7	50.0	18.288512	50.0	350537.0	0.36577	Y
6	STD200 460-873907/8	200.0	64.374862	50.0	399976.0	0.321874	Y
7	STD500 460-873907/9	500.0	154.997899	50.0	445027.0	0.309996	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

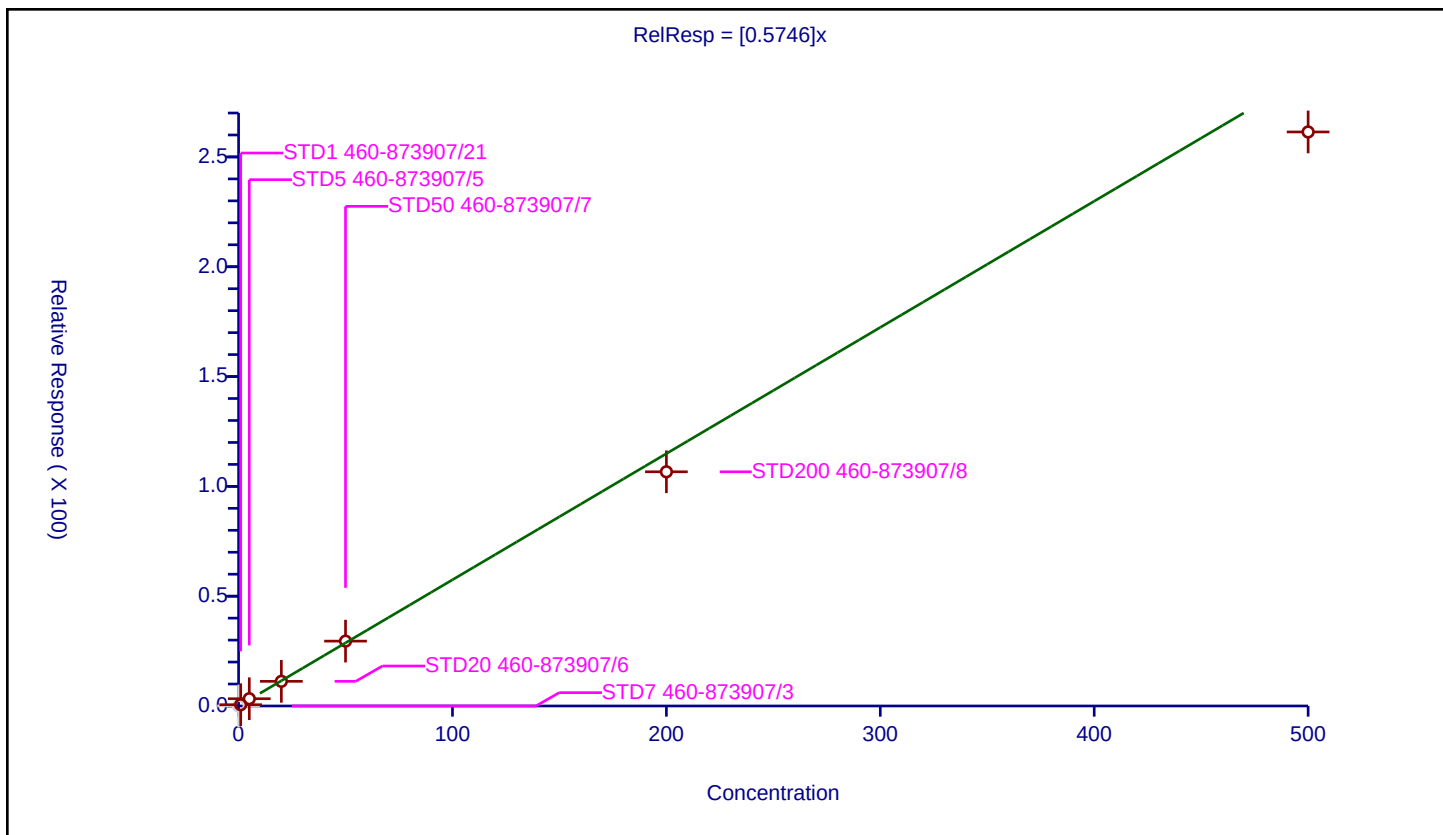
Curve Coefficients

Intercept: 0
 Slope: 0.5746

Error Coefficients

Standard Error: 1110000
 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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.578783	50.0	331644.0	0.578783	Y
3	STD5 460-873907/5	5.0	3.305291	50.0	299429.0	0.661058	Y
4	STD20 460-873907/6	20.0	11.223552	50.0	348330.0	0.561178	Y
5	STD50 460-873907/7	50.0	29.535969	50.0	350537.0	0.590719	Y
6	STD200 460-873907/8	200.0	106.635398	50.0	399976.0	0.533177	Y
7	STD500 460-873907/9	500.0	261.381557	50.0	445027.0	0.522763	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

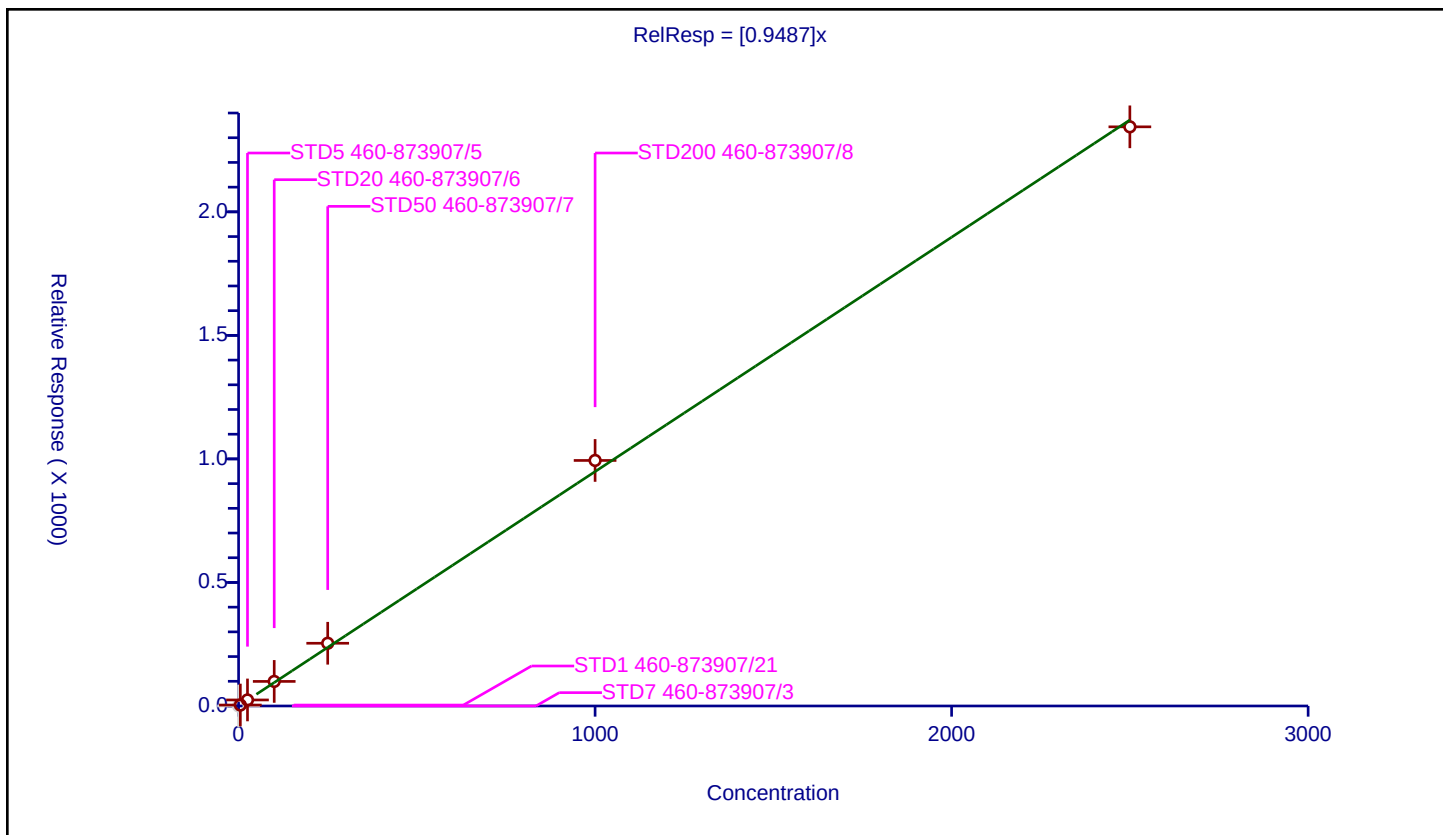
Curve Coefficients

Intercept: 0
 Slope: 0.9487

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 9.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	250.0	228214.0	NaN	N
2	STD1 460-873907/21	5.0	3.855686	250.0	210209.0	0.771137	Y
3	STD5 460-873907/5	25.0	24.476919	250.0	204366.0	0.979077	Y
4	STD20 460-873907/6	100.0	99.490654	250.0	225878.0	0.994907	Y
5	STD50 460-873907/7	250.0	253.857238	250.0	237346.0	1.015429	Y
6	STD200 460-873907/8	1000.0	993.811419	250.0	259995.0	0.993811	Y
7	STD500 460-873907/9	2500.0	2344.133666	250.0	298355.0	0.937653	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

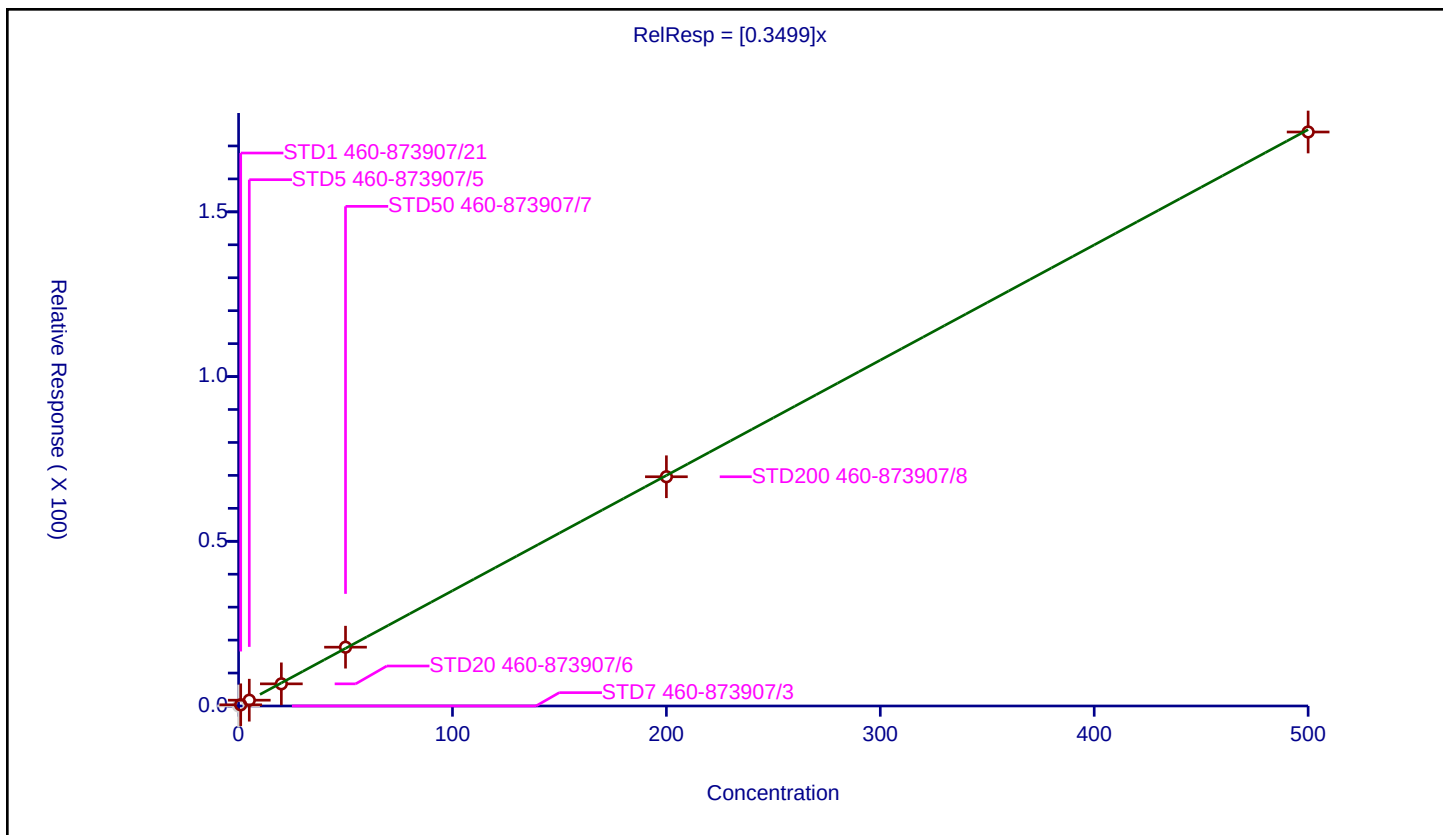
Curve Coefficients

Intercept: 0
 Slope: 0.3499

Error Coefficients

Standard Error: 739000
 Relative Standard Error: 2.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.357763	50.0	331644.0	0.357763	Y
3	STD5 460-873907/5	5.0	1.760017	50.0	299429.0	0.352003	Y
4	STD20 460-873907/6	20.0	6.725662	50.0	348330.0	0.336283	Y
5	STD50 460-873907/7	50.0	17.851183	50.0	350537.0	0.357024	Y
6	STD200 460-873907/8	200.0	69.590675	50.0	399976.0	0.347953	Y
7	STD500 460-873907/9	500.0	174.237406	50.0	445027.0	0.348475	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

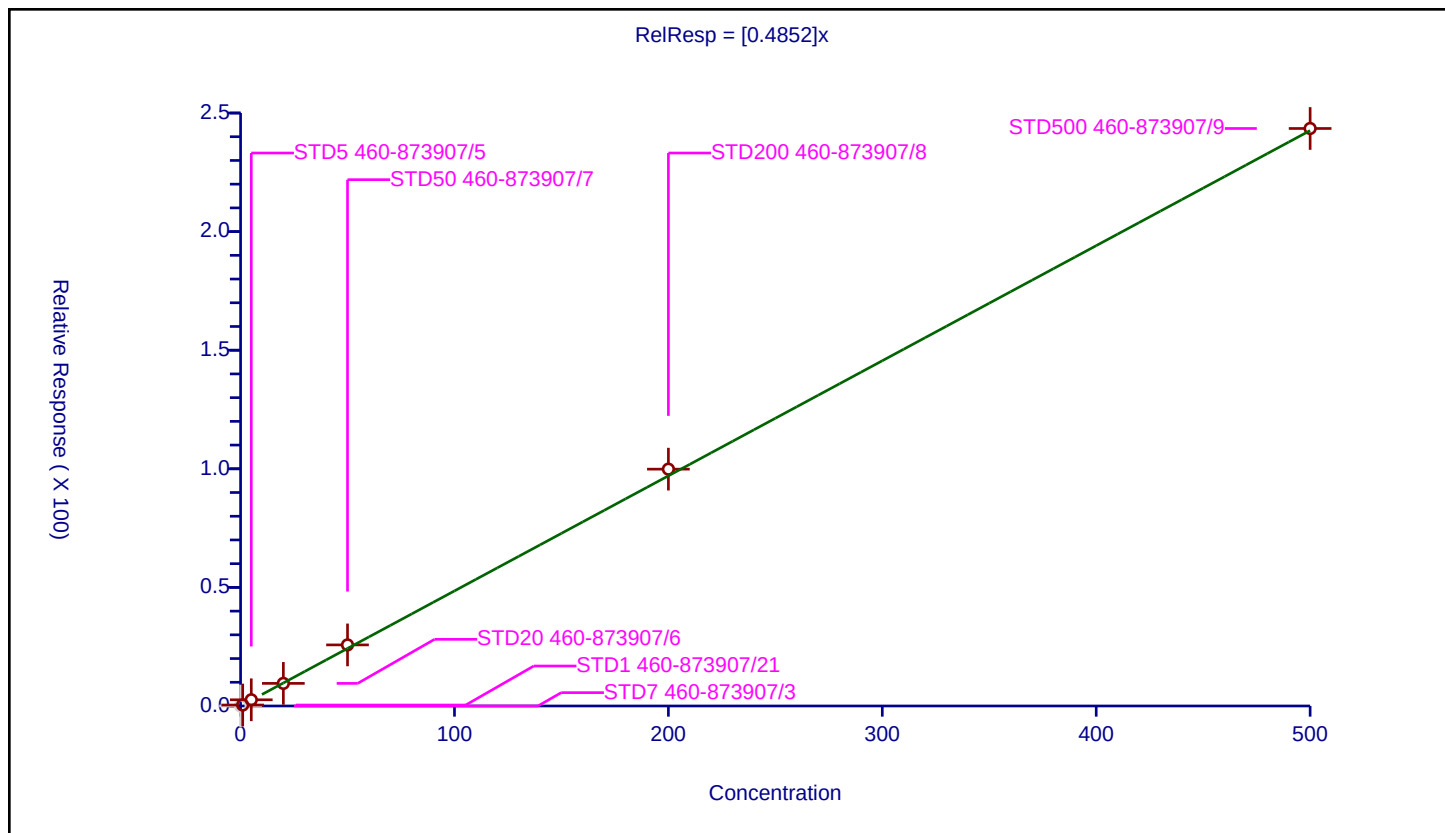
Curve Coefficients

Intercept: 0
 Slope: 0.4852

Error Coefficients

Standard Error: 1040000
 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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.411284	50.0	331644.0	0.411284	Y
3	STD5 460-873907/5	5.0	2.61147	50.0	299429.0	0.522294	Y
4	STD20 460-873907/6	20.0	9.52746	50.0	348330.0	0.476373	Y
5	STD50 460-873907/7	50.0	25.749065	50.0	350537.0	0.514981	Y
6	STD200 460-873907/8	200.0	99.856241	50.0	399976.0	0.499281	Y
7	STD500 460-873907/9	500.0	243.483317	50.0	445027.0	0.486967	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

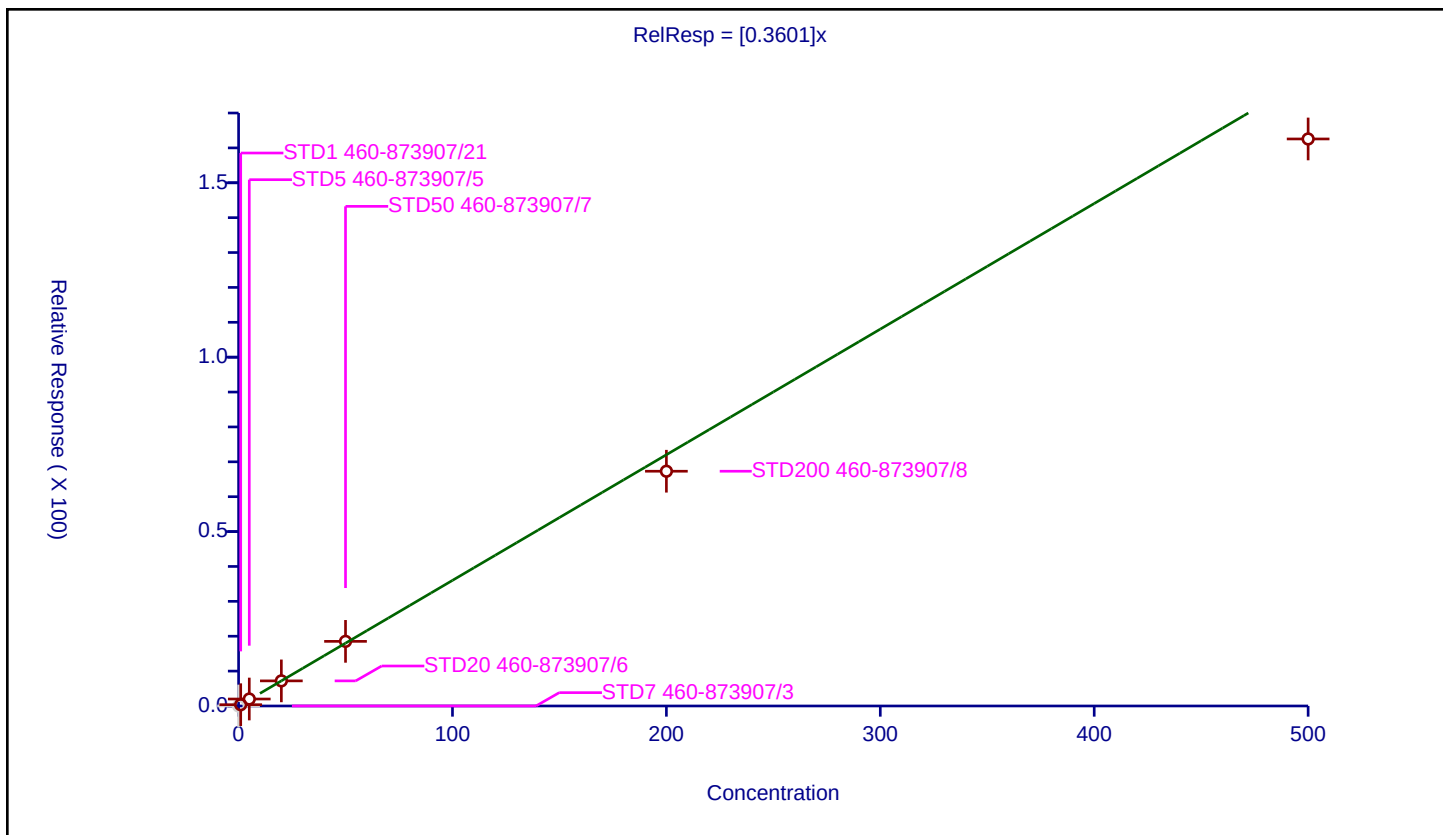
Curve Coefficients

Intercept: 0
 Slope: 0.3601

Error Coefficients

Standard Error: 693000
 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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.36892	50.0	331644.0	0.36892	Y
3	STD5 460-873907/5	5.0	1.998637	50.0	299429.0	0.399727	Y
4	STD20 460-873907/6	20.0	7.198346	50.0	348330.0	0.359917	Y
5	STD50 460-873907/7	50.0	18.529428	50.0	350537.0	0.370589	Y
6	STD200 460-873907/8	200.0	67.306788	50.0	399976.0	0.336534	Y
7	STD500 460-873907/9	500.0	162.562384	50.0	445027.0	0.325125	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

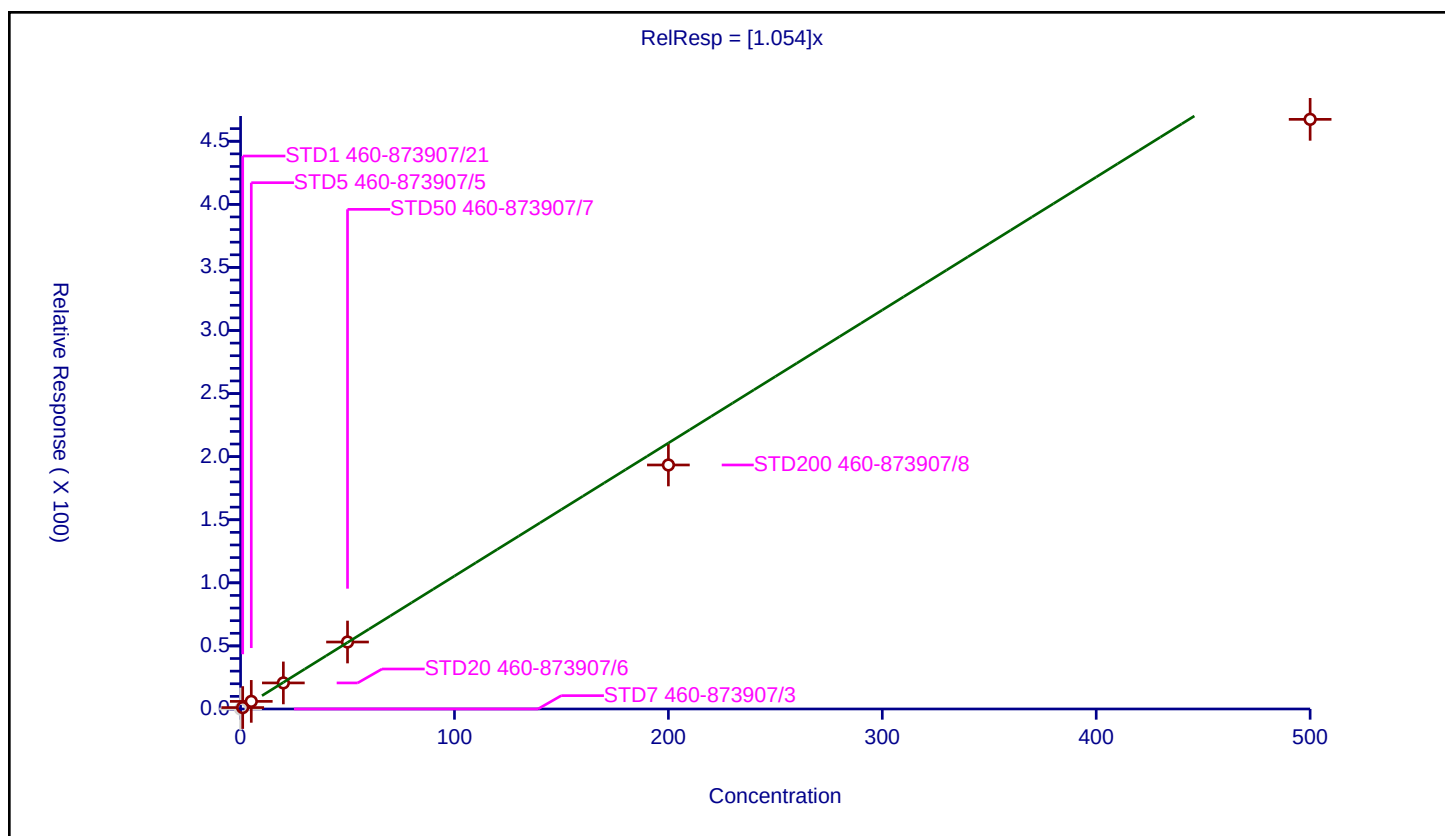
Curve Coefficients

Intercept: 0
 Slope: 1.054

Error Coefficients

Standard Error: 1990000
 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	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	1.120931	50.0	331644.0	1.120931	Y
3	STD5 460-873907/5	5.0	6.035655	50.0	299429.0	1.207131	Y
4	STD20 460-873907/6	20.0	20.652112	50.0	348330.0	1.032606	Y
5	STD50 460-873907/7	50.0	53.092541	50.0	350537.0	1.061851	Y
6	STD200 460-873907/8	200.0	193.401729	50.0	399976.0	0.967009	Y
7	STD500 460-873907/9	500.0	467.351869	50.0	445027.0	0.934704	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

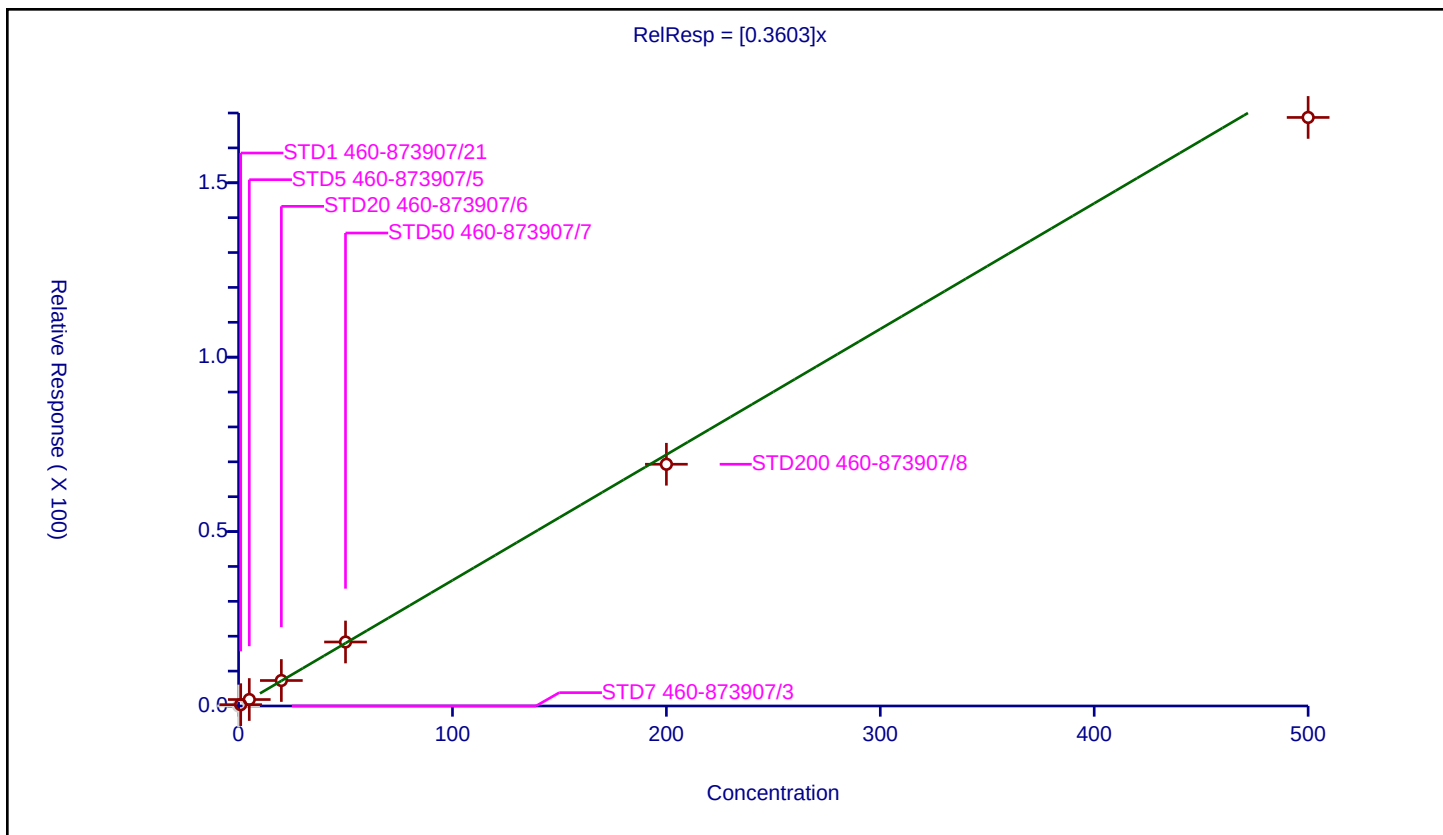
Curve Coefficients

Intercept: 0
Slope: 0.3603

Error Coefficients

Standard Error: 719000
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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.37495	50.0	331644.0	0.37495	Y
3	STD5 460-873907/5	5.0	1.851357	50.0	299429.0	0.370271	Y
4	STD20 460-873907/6	20.0	7.308443	50.0	348330.0	0.365422	Y
5	STD50 460-873907/7	50.0	18.347849	50.0	350537.0	0.366957	Y
6	STD200 460-873907/8	200.0	69.307033	50.0	399976.0	0.346535	Y
7	STD500 460-873907/9	500.0	168.732122	50.0	445027.0	0.337464	Y



Calibration

/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

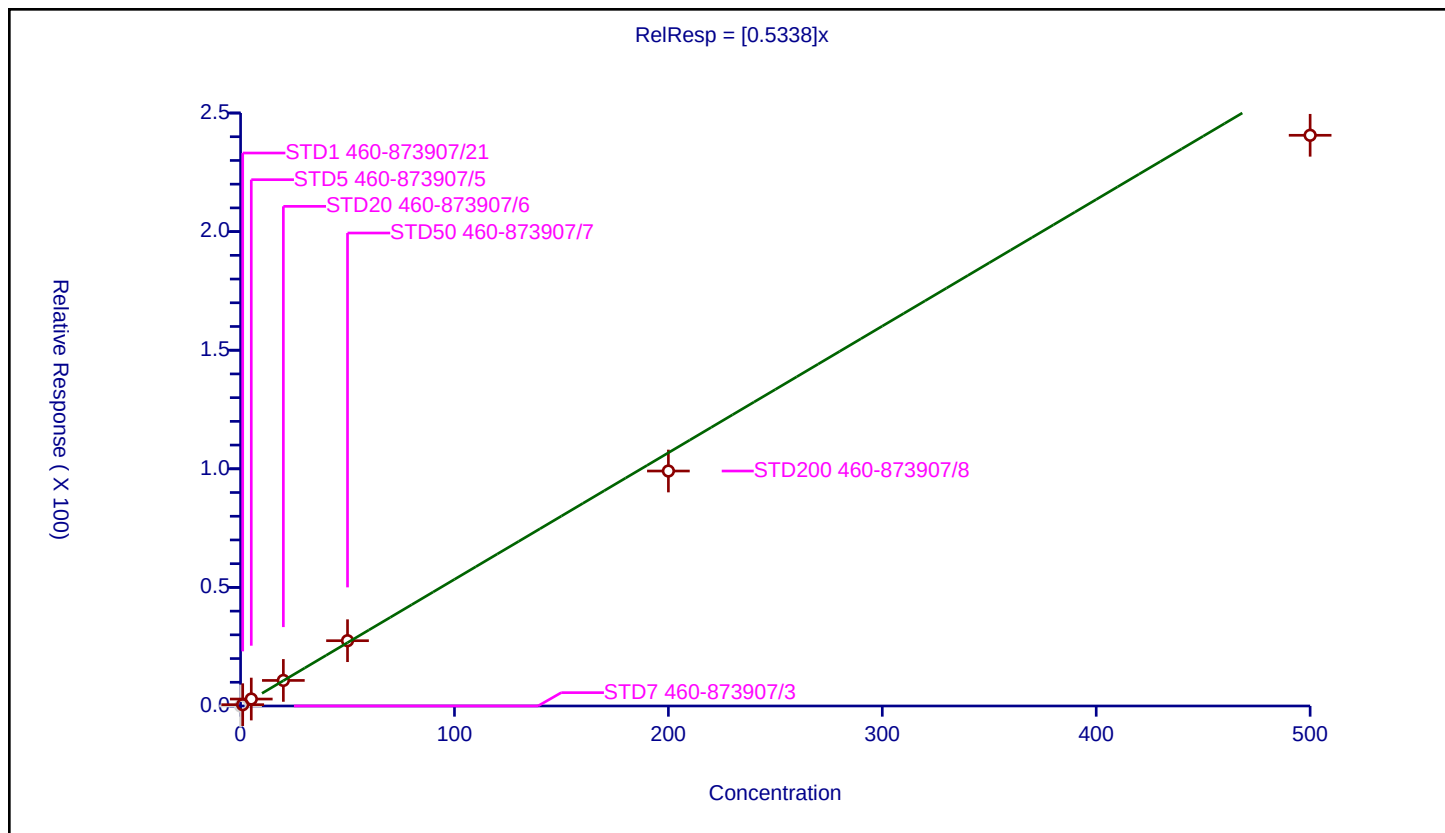
Curve Coefficients

Intercept: 0
 Slope: 0.5338

Error Coefficients

Standard Error: 1030000
 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	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.551495	50.0	331644.0	0.551495	Y
3	STD5 460-873907/5	5.0	2.929242	50.0	299429.0	0.585848	Y
4	STD20 460-873907/6	20.0	10.774409	50.0	348330.0	0.53872	Y
5	STD50 460-873907/7	50.0	27.522487	50.0	350537.0	0.55045	Y
6	STD200 460-873907/8	200.0	99.066194	50.0	399976.0	0.495331	Y
7	STD500 460-873907/9	500.0	240.615289	50.0	445027.0	0.481231	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

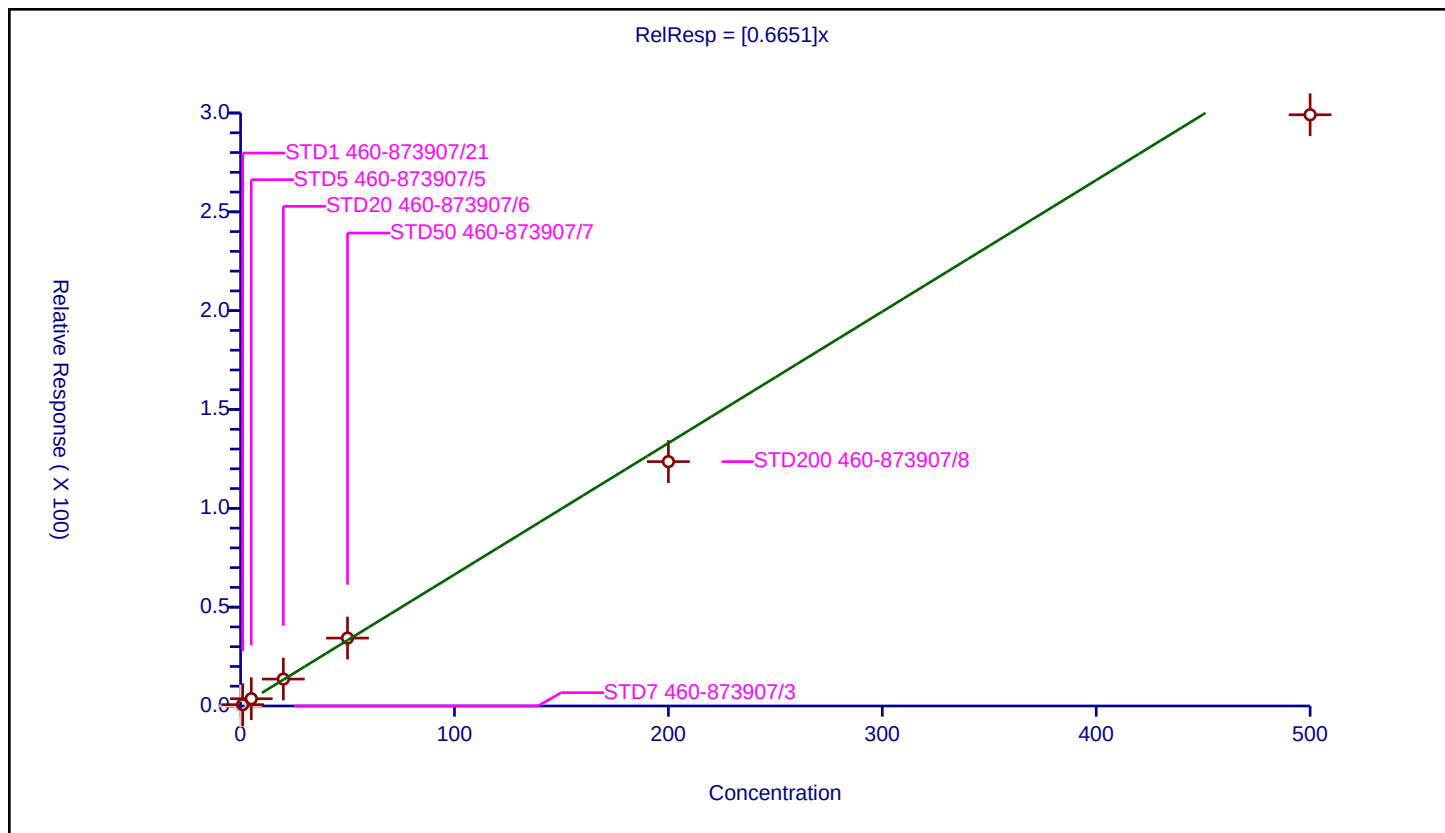
Curve Coefficients

Intercept: 0
 Slope: 0.6651

Error Coefficients

Standard Error: 1280000
 Relative Standard Error: 7.5
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.670146	50.0	331644.0	0.670146	Y
3	STD5 460-873907/5	5.0	3.679336	50.0	299429.0	0.735867	Y
4	STD20 460-873907/6	20.0	13.621996	50.0	348330.0	0.6811	Y
5	STD50 460-873907/7	50.0	34.353292	50.0	350537.0	0.687066	Y
6	STD200 460-873907/8	200.0	123.624292	50.0	399976.0	0.618121	Y
7	STD500 460-873907/9	500.0	299.1223	50.0	445027.0	0.598245	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

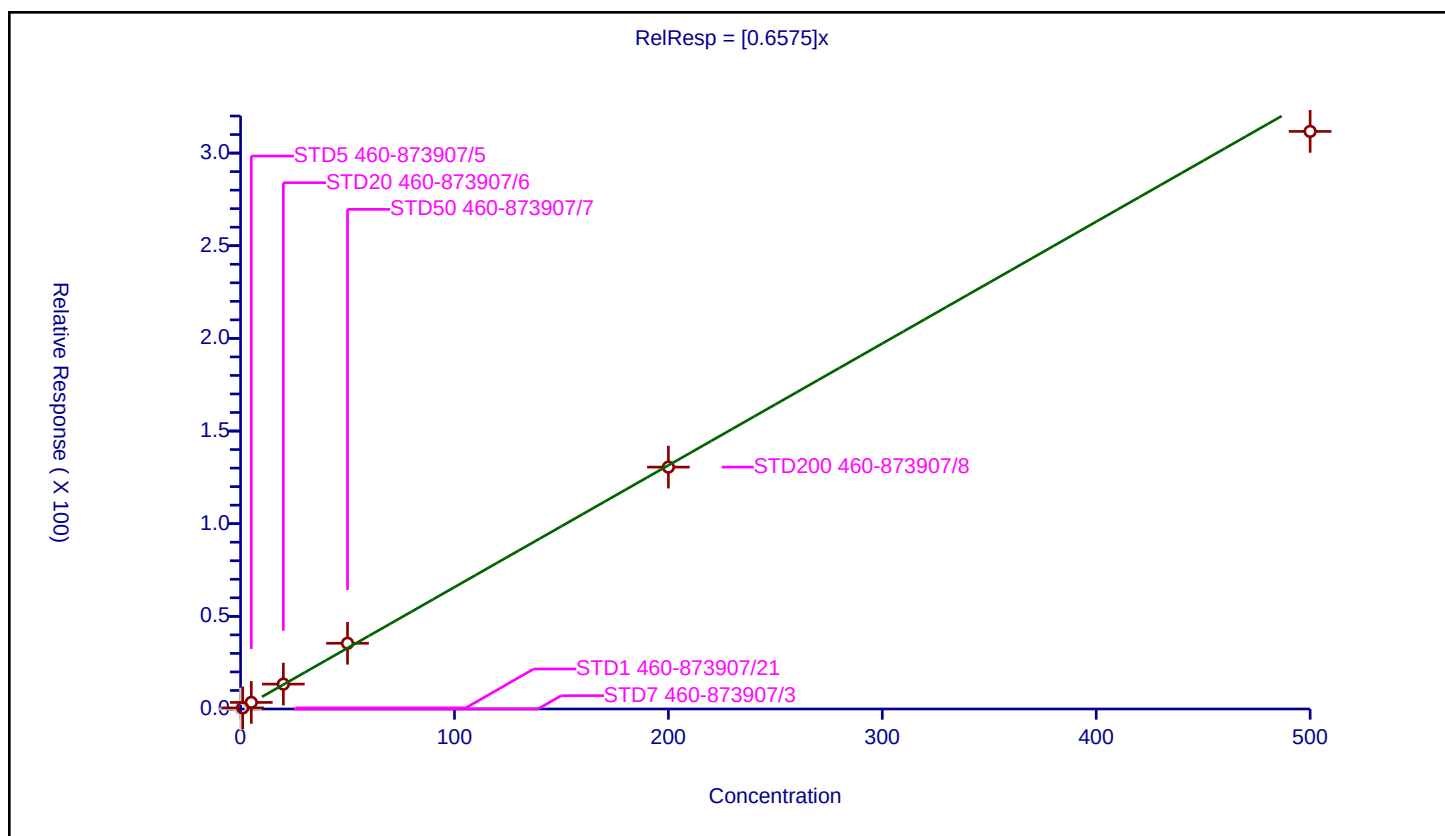
Curve Coefficients

Intercept: 0
 Slope: 0.6575

Error Coefficients

Standard Error: 1330000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.578029	50.0	331644.0	0.578029	Y
3	STD5 460-873907/5	5.0	3.54842	50.0	299429.0	0.709684	Y
4	STD20 460-873907/6	20.0	13.43453	50.0	348330.0	0.671727	Y
5	STD50 460-873907/7	50.0	35.459167	50.0	350537.0	0.709183	Y
6	STD200 460-873907/8	200.0	130.536957	50.0	399976.0	0.652685	Y
7	STD500 460-873907/9	500.0	311.696706	50.0	445027.0	0.623393	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

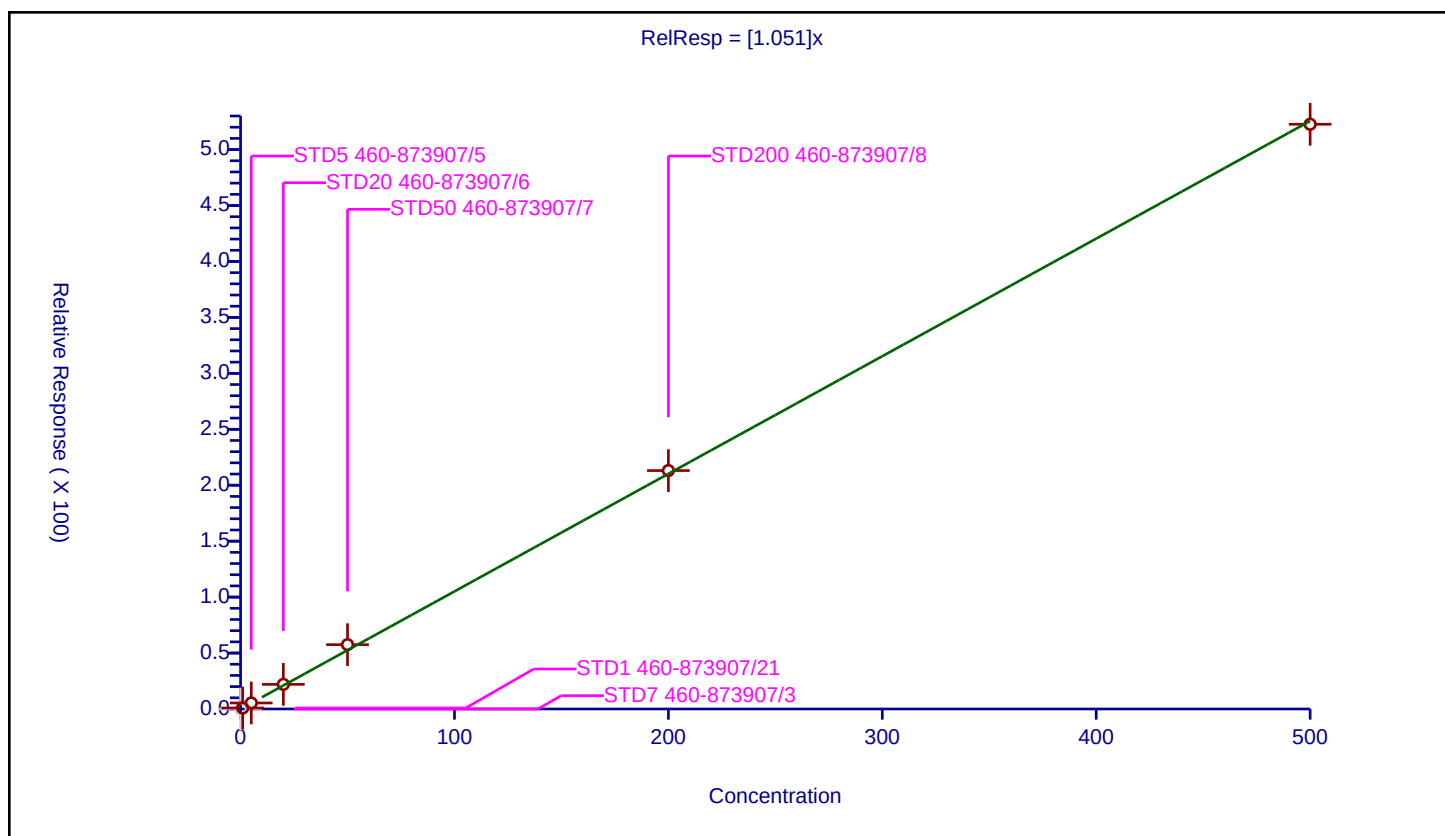
Curve Coefficients

Intercept: 0
 Slope: 1.051

Error Coefficients

Standard Error: 2220000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.870813	50.0	331644.0	0.870813	Y
3	STD5 460-873907/5	5.0	5.371557	50.0	299429.0	1.074311	Y
4	STD20 460-873907/6	20.0	22.007435	50.0	348330.0	1.100372	Y
5	STD50 460-873907/7	50.0	57.490507	50.0	350537.0	1.14981	Y
6	STD200 460-873907/8	200.0	213.086535	50.0	399976.0	1.065433	Y
7	STD500 460-873907/9	500.0	522.645031	50.0	445027.0	1.04529	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

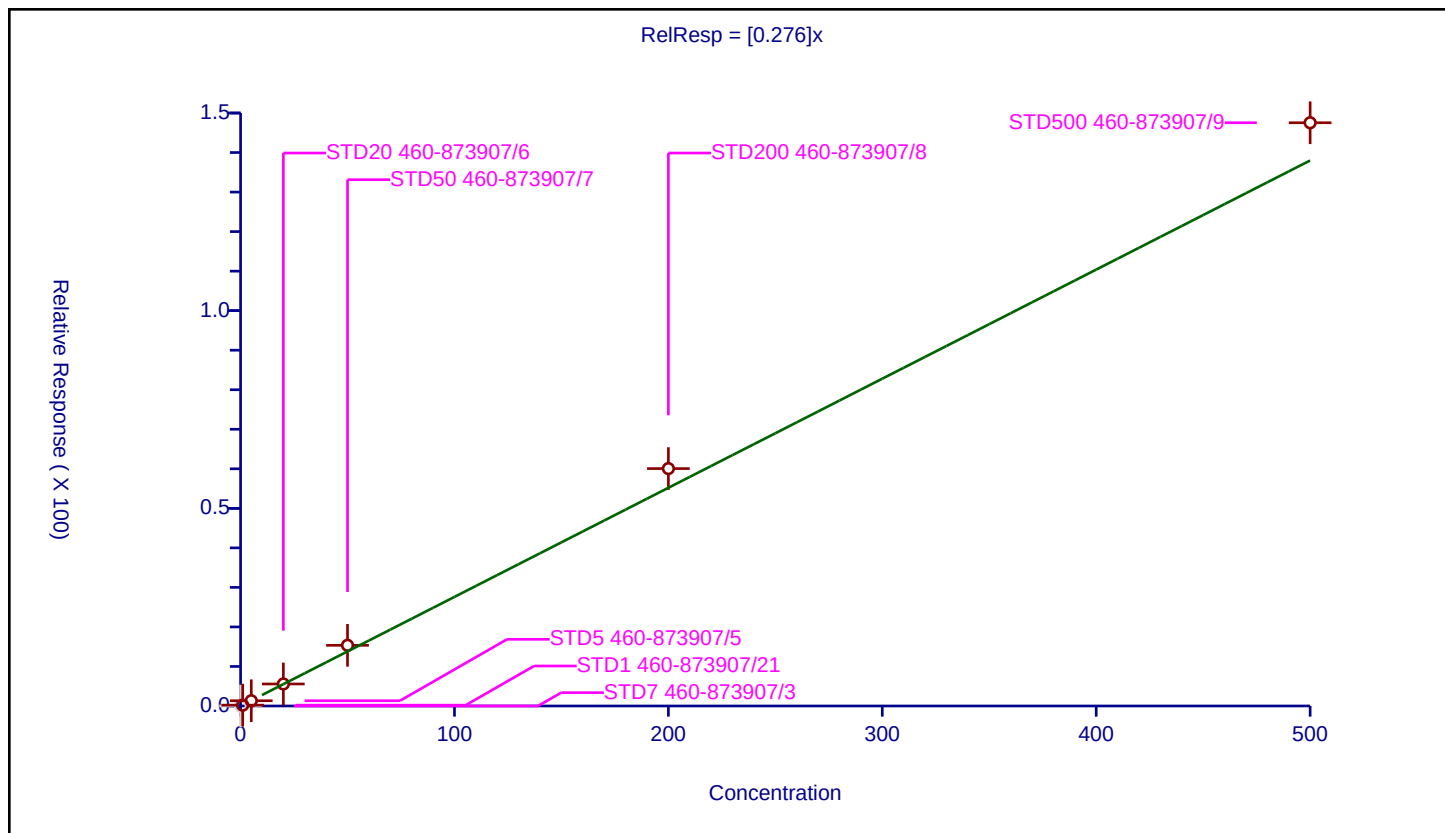
Curve Coefficients

Intercept: 0
 Slope: 0.276

Error Coefficients

Standard Error: 627000
 Relative Standard Error: 12.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	0.210165	50.0	331644.0	0.210165	Y
3	STD5 460-873907/5	5.0	1.325523	50.0	299429.0	0.265105	Y
4	STD20 460-873907/6	20.0	5.565412	50.0	348330.0	0.278271	Y
5	STD50 460-873907/7	50.0	15.346882	50.0	350537.0	0.306938	Y
6	STD200 460-873907/8	200.0	60.054728	50.0	399976.0	0.300274	Y
7	STD500 460-873907/9	500.0	147.538801	50.0	445027.0	0.295078	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

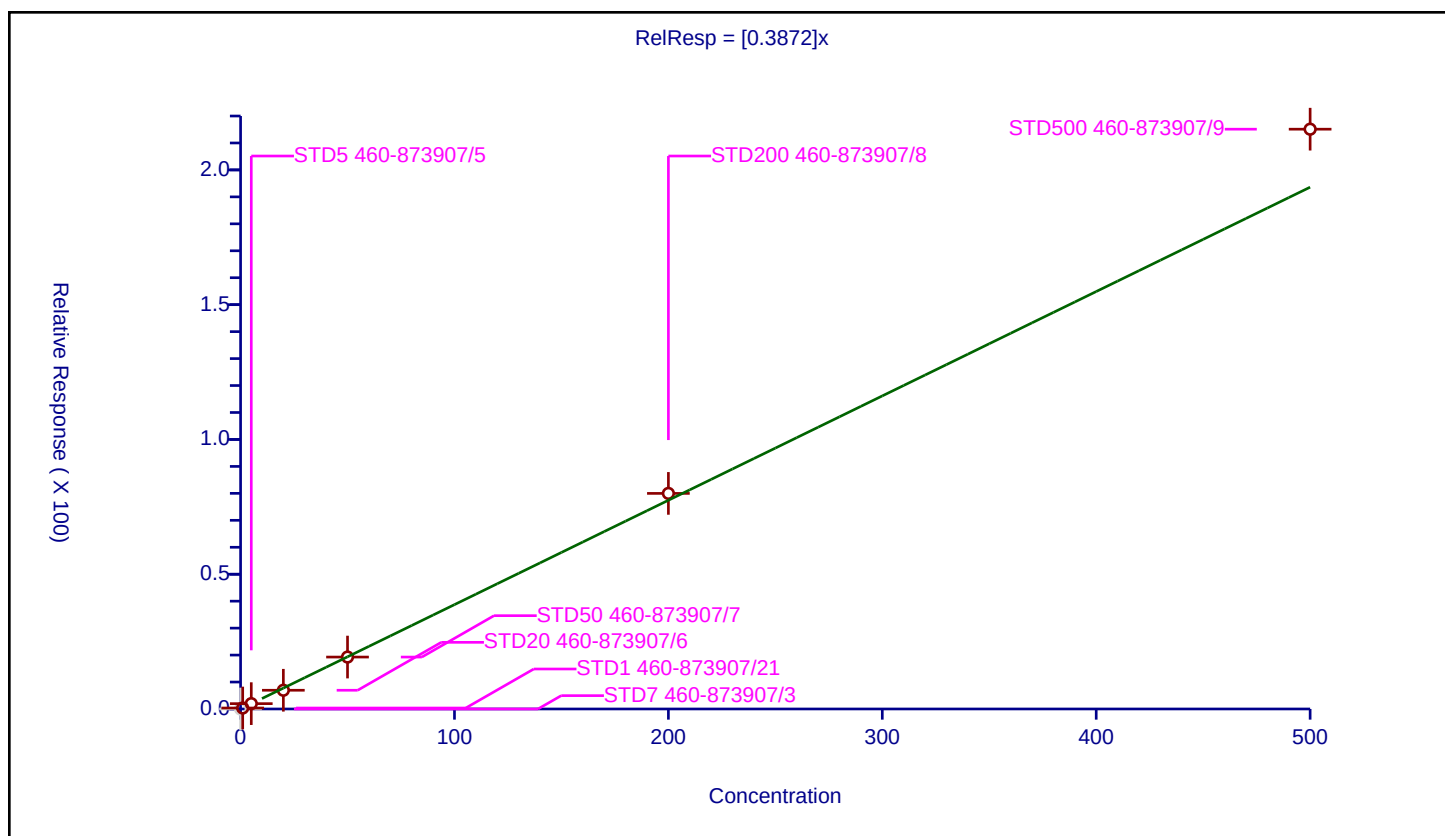
Curve Coefficients

Intercept: 0
Slope: 0.3872

Error Coefficients

Standard Error: 499000
Relative Standard Error: 7.6
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.362986	50.0	188988.0	0.362986	Y
3	STD5 460-873907/5	5.0	1.985969	50.0	174751.0	0.397194	Y
4	STD20 460-873907/6	20.0	6.947884	50.0	205962.0	0.347394	Y
5	STD50 460-873907/7	50.0	19.271415	50.0	205906.0	0.385428	Y
6	STD200 460-873907/8	200.0	79.984696	50.0	229357.0	0.399923	Y
7	STD500 460-873907/9	500.0	215.108073	50.0	244280.0	0.430216	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

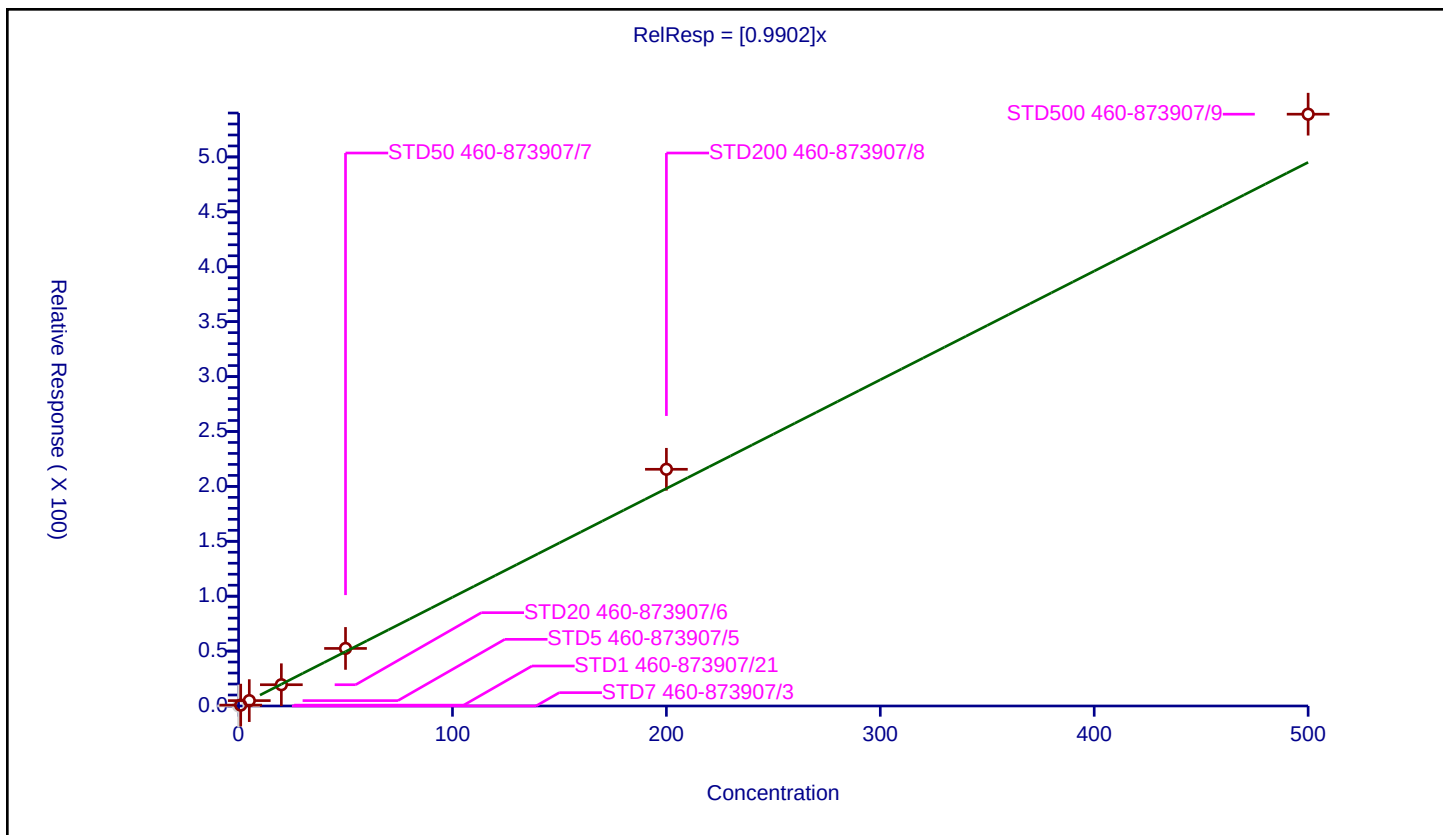
Curve Coefficients

Intercept: 0
 Slope: 0.9902

Error Coefficients

Standard Error: 1260000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.792114	50.0	188988.0	0.792114	Y
3	STD5 460-873907/5	5.0	4.885523	50.0	174751.0	0.977105	Y
4	STD20 460-873907/6	20.0	19.357454	50.0	205962.0	0.967873	Y
5	STD50 460-873907/7	50.0	52.408138	50.0	205906.0	1.048163	Y
6	STD200 460-873907/8	200.0	215.570268	50.0	229357.0	1.077851	Y
7	STD500 460-873907/9	500.0	538.941583	50.0	244280.0	1.077883	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

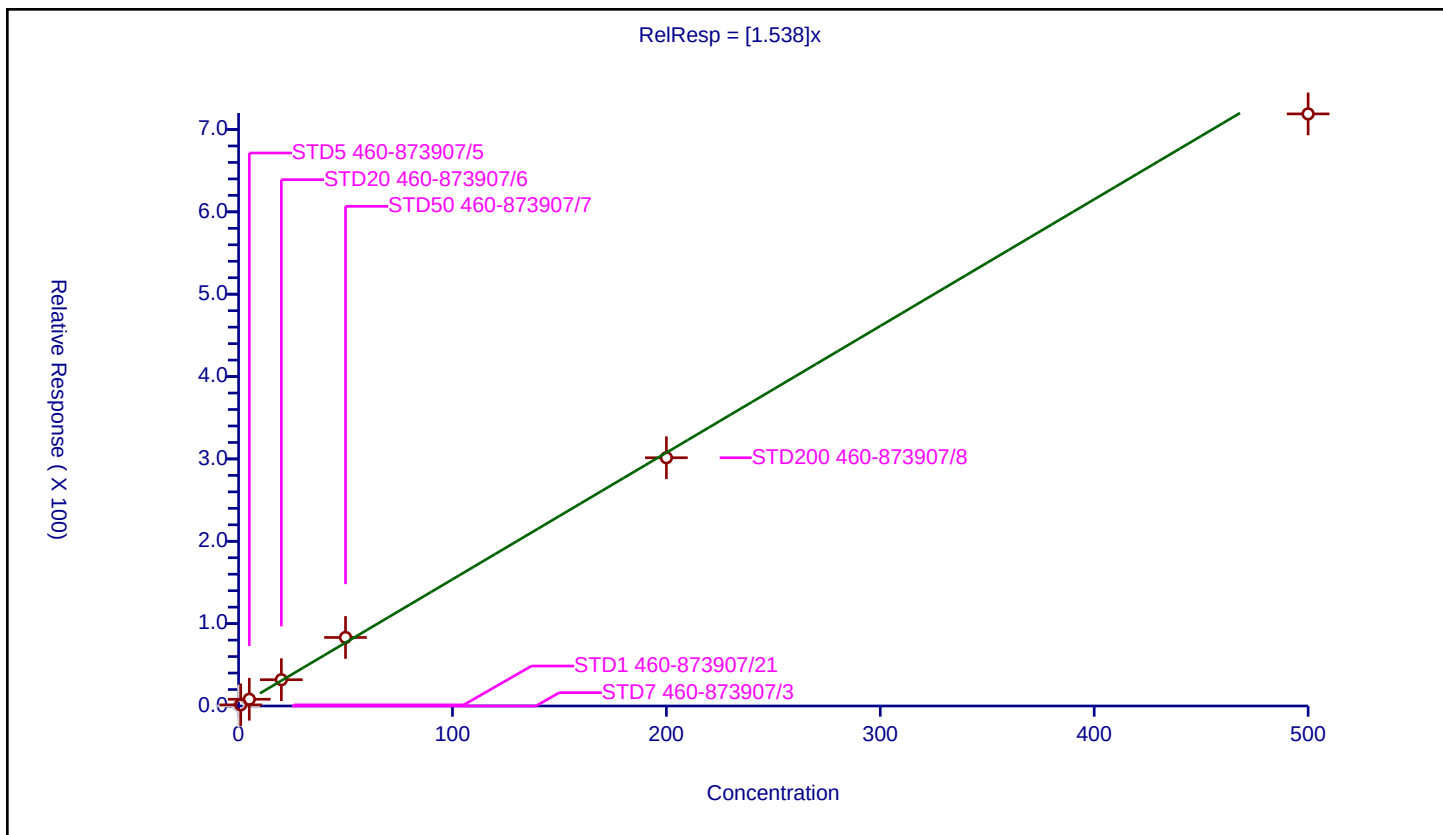
Curve Coefficients

Intercept: 0
 Slope: 1.538

Error Coefficients

Standard Error: 3070000
 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 460-873907/3	0.0	0.0	50.0	359313.0	NaN	N
2	STD1 460-873907/21	1.0	1.386728	50.0	331644.0	1.386728	Y
3	STD5 460-873907/5	5.0	8.177064	50.0	299429.0	1.635413	Y
4	STD20 460-873907/6	20.0	31.924325	50.0	348330.0	1.596216	Y
5	STD50 460-873907/7	50.0	83.210189	50.0	350537.0	1.664204	Y
6	STD200 460-873907/8	200.0	301.430586	50.0	399976.0	1.507153	Y
7	STD500 460-873907/9	500.0	718.936829	50.0	445027.0	1.437874	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

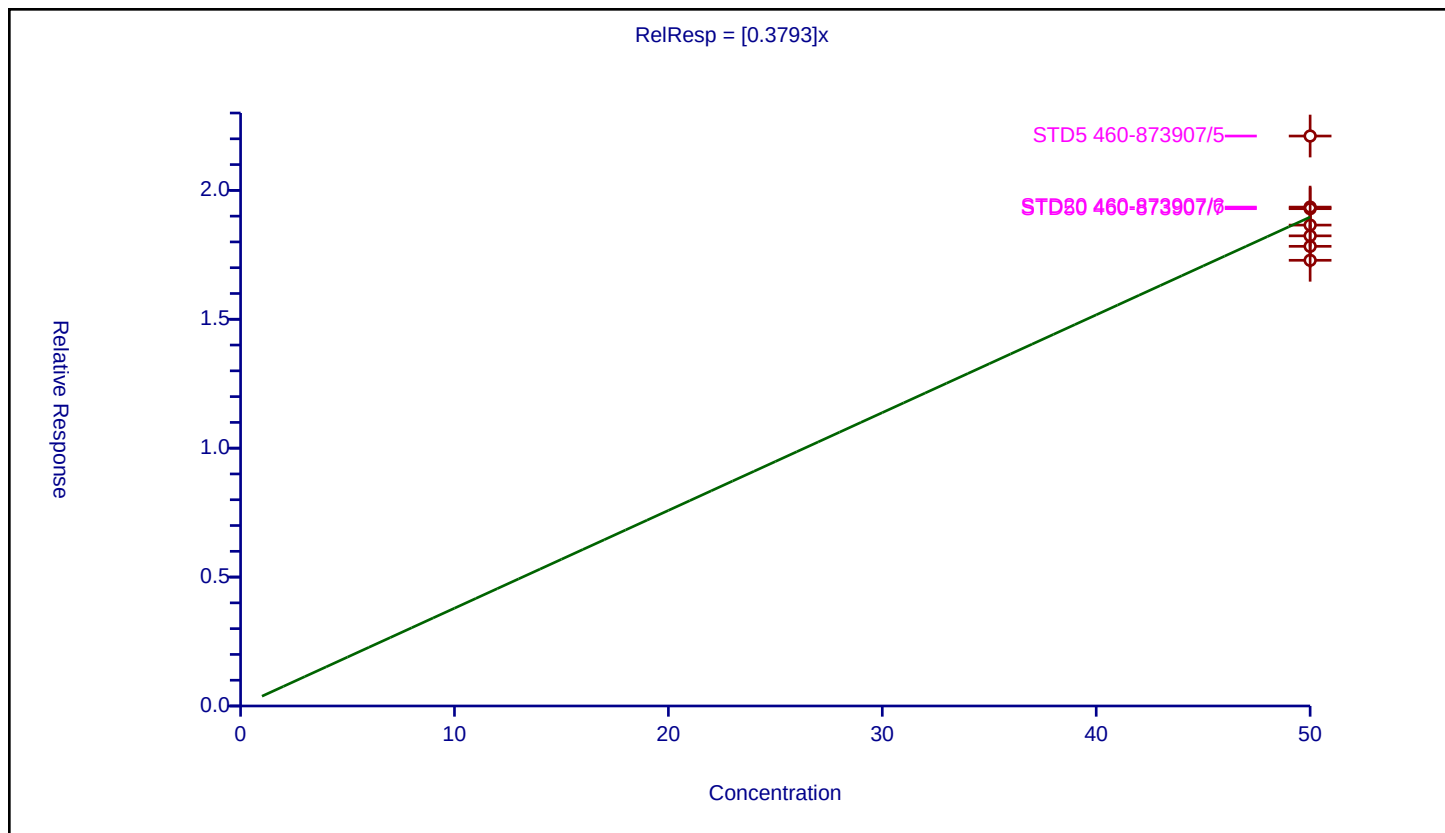
Curve Coefficients

Intercept: 0
Slope: 0.3793

Error Coefficients

Standard Error: 149000
Relative Standard Error: 8.3
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	50.0	17.829024	50.0	359313.0	0.35658	Y
2	STD5 460-873907/5	50.0	22.10691	50.0	299429.0	0.442138	Y
3	STD20 460-873907/6	50.0	19.350759	50.0	348330.0	0.387015	Y
4	STD50 460-873907/7	50.0	19.288406	50.0	350537.0	0.385768	Y
5	STD200 460-873907/8	50.0	18.236094	50.0	399976.0	0.364722	Y
6	STD500 460-873907/9	50.0	18.652351	50.0	445027.0	0.373047	Y
7	STD1 460-873907/21	50.0	17.287061	50.0	331644.0	0.345741	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

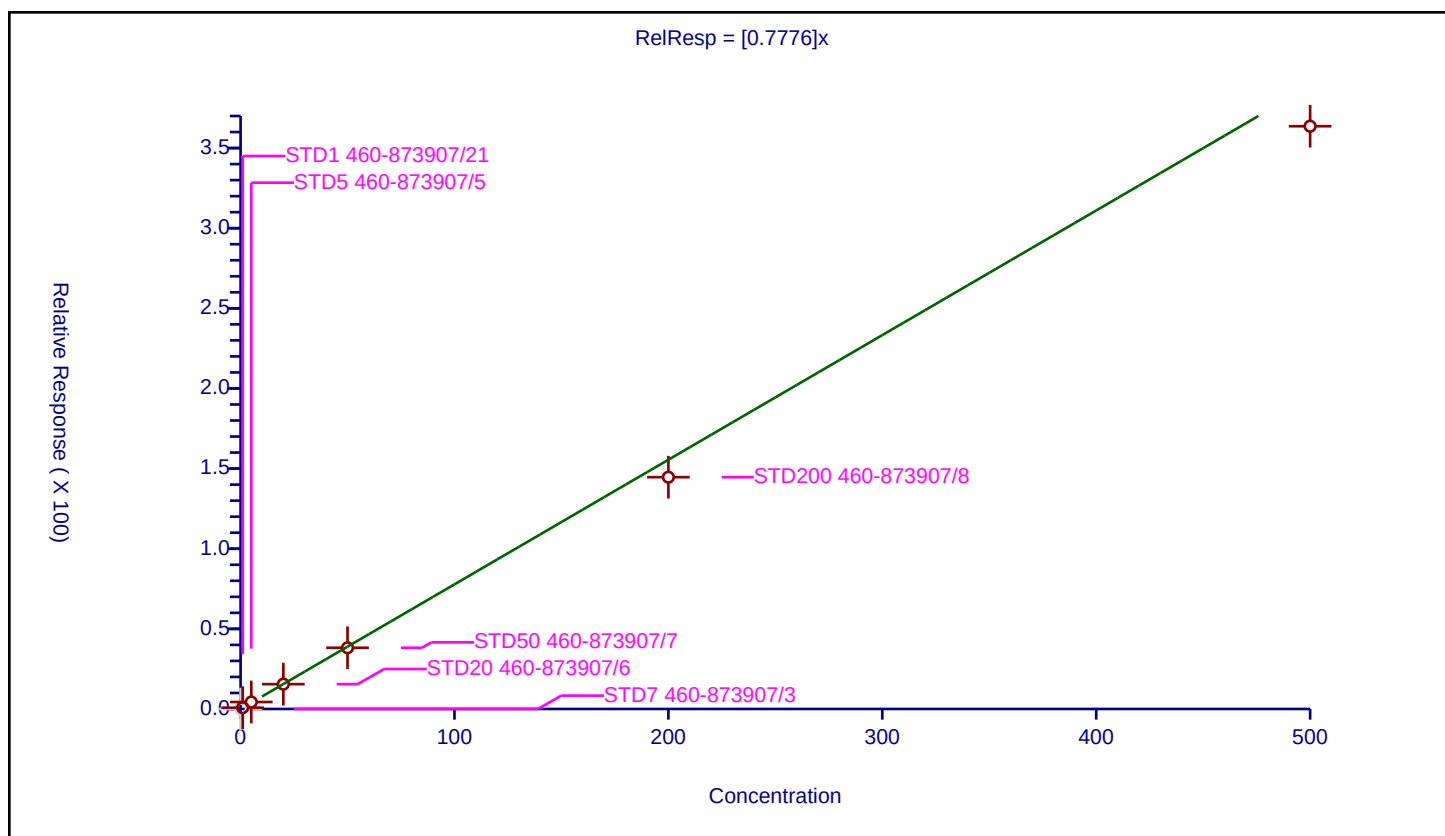
Curve Coefficients

Intercept: 0
 Slope: 0.7776

Error Coefficients

Standard Error: 851000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.80693	50.0	188988.0	0.80693	Y
3	STD5 460-873907/5	5.0	4.34504	50.0	174751.0	0.869008	Y
4	STD20 460-873907/6	20.0	15.50553	50.0	205962.0	0.775277	Y
5	STD50 460-873907/7	50.0	38.201169	50.0	205906.0	0.764023	Y
6	STD200 460-873907/8	200.0	144.636527	50.0	229357.0	0.723183	Y
7	STD500 460-873907/9	500.0	363.622687	50.0	244280.0	0.727245	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

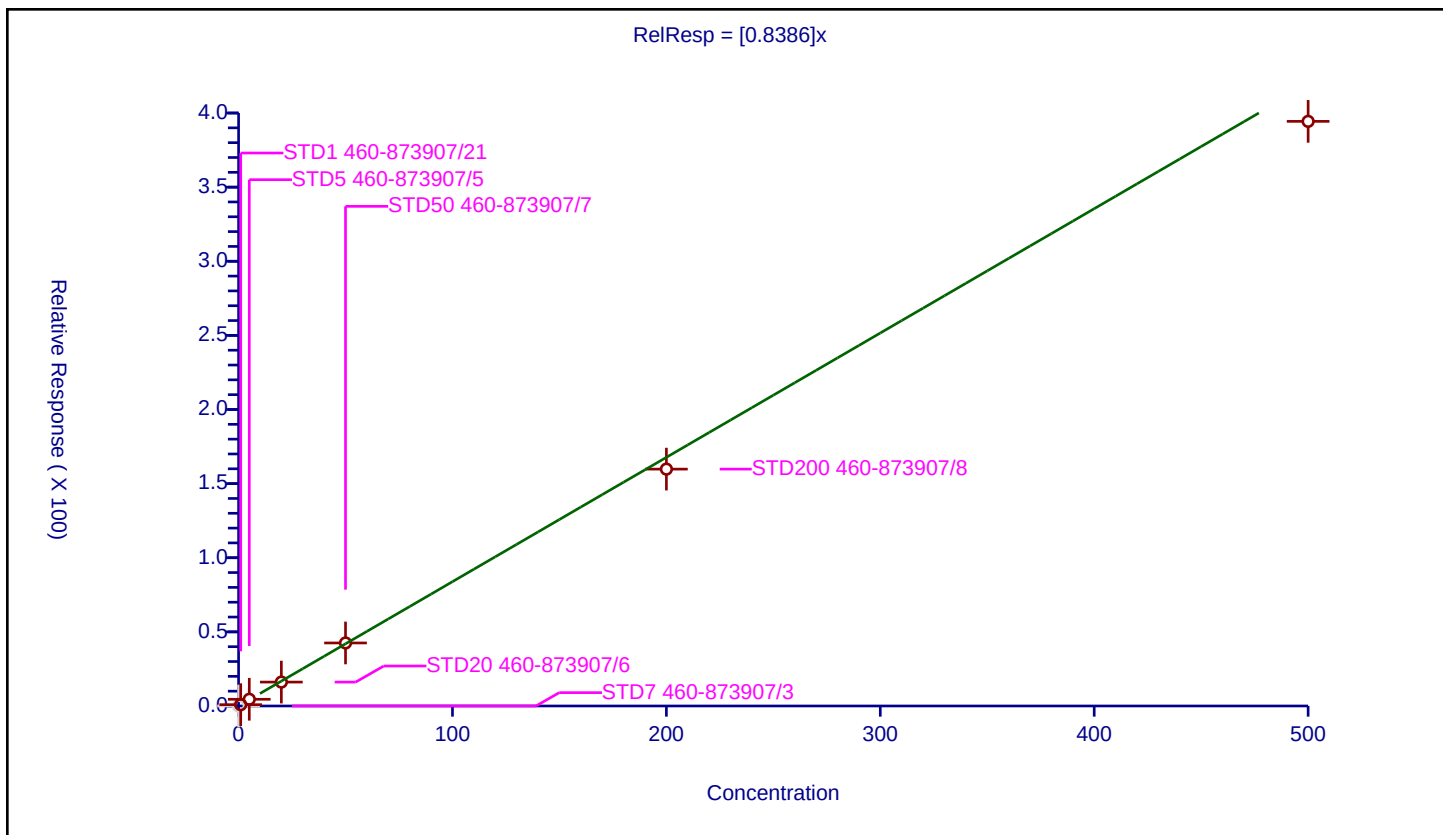
Curve Coefficients

Intercept: 0
Slope: 0.8386

Error Coefficients

Standard Error: 926000
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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.881537	50.0	188988.0	0.881537	Y
3	STD5 460-873907/5	5.0	4.53016	50.0	174751.0	0.906032	Y
4	STD20 460-873907/6	20.0	16.123848	50.0	205962.0	0.806192	Y
5	STD50 460-873907/7	50.0	42.516488	50.0	205906.0	0.85033	Y
6	STD200 460-873907/8	200.0	159.788234	50.0	229357.0	0.798941	Y
7	STD500 460-873907/9	500.0	394.373056	50.0	244280.0	0.788746	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

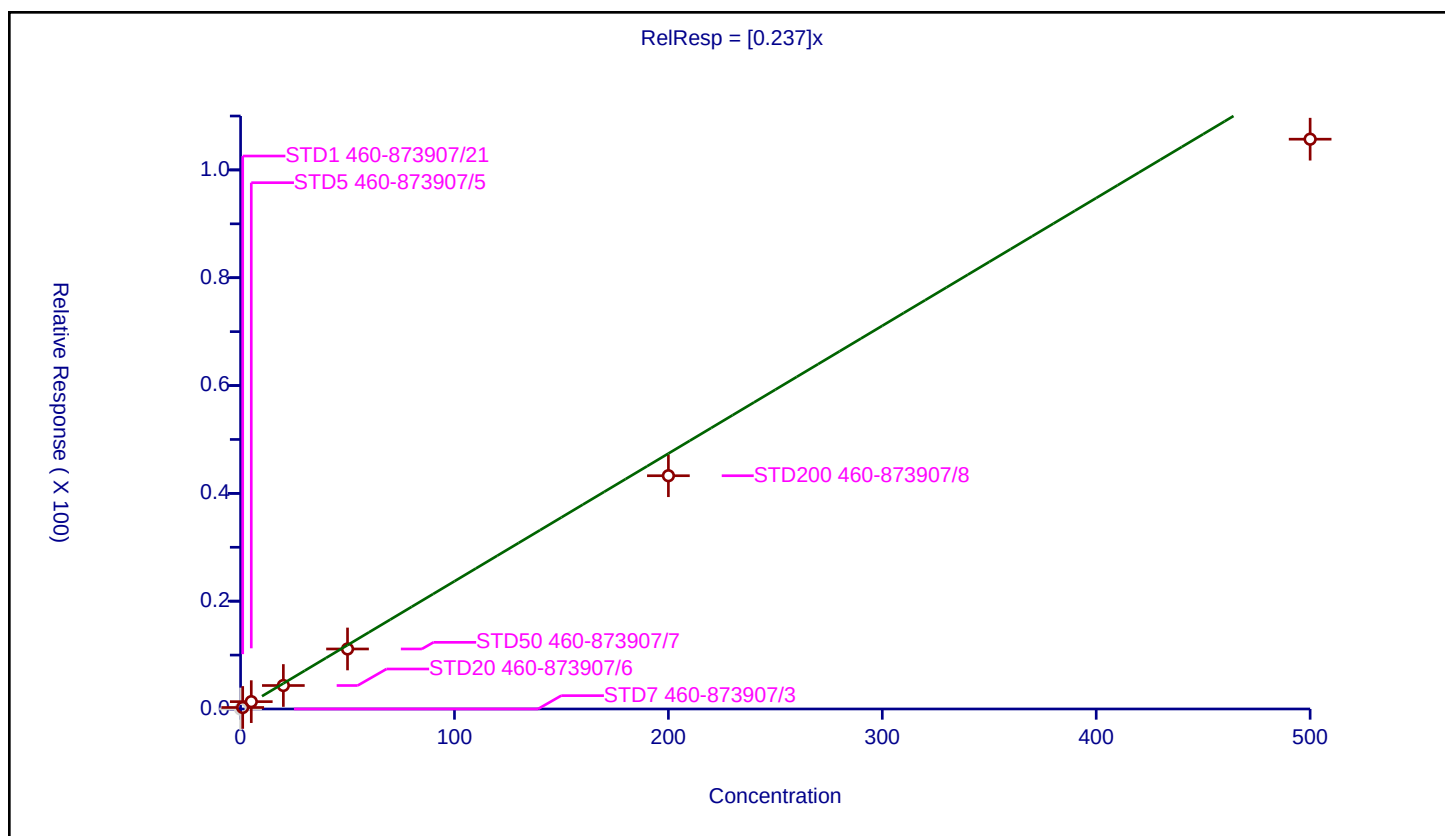
Curve Coefficients

Intercept: 0
 Slope: 0.237

Error Coefficients

Standard Error: 248000
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.28097	50.0	188988.0	0.28097	Y
3	STD5 460-873907/5	5.0	1.362796	50.0	174751.0	0.272559	Y
4	STD20 460-873907/6	20.0	4.357357	50.0	205962.0	0.217868	Y
5	STD50 460-873907/7	50.0	11.132507	50.0	205906.0	0.22265	Y
6	STD200 460-873907/8	200.0	43.271843	50.0	229357.0	0.216359	Y
7	STD500 460-873907/9	500.0	105.703496	50.0	244280.0	0.211407	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

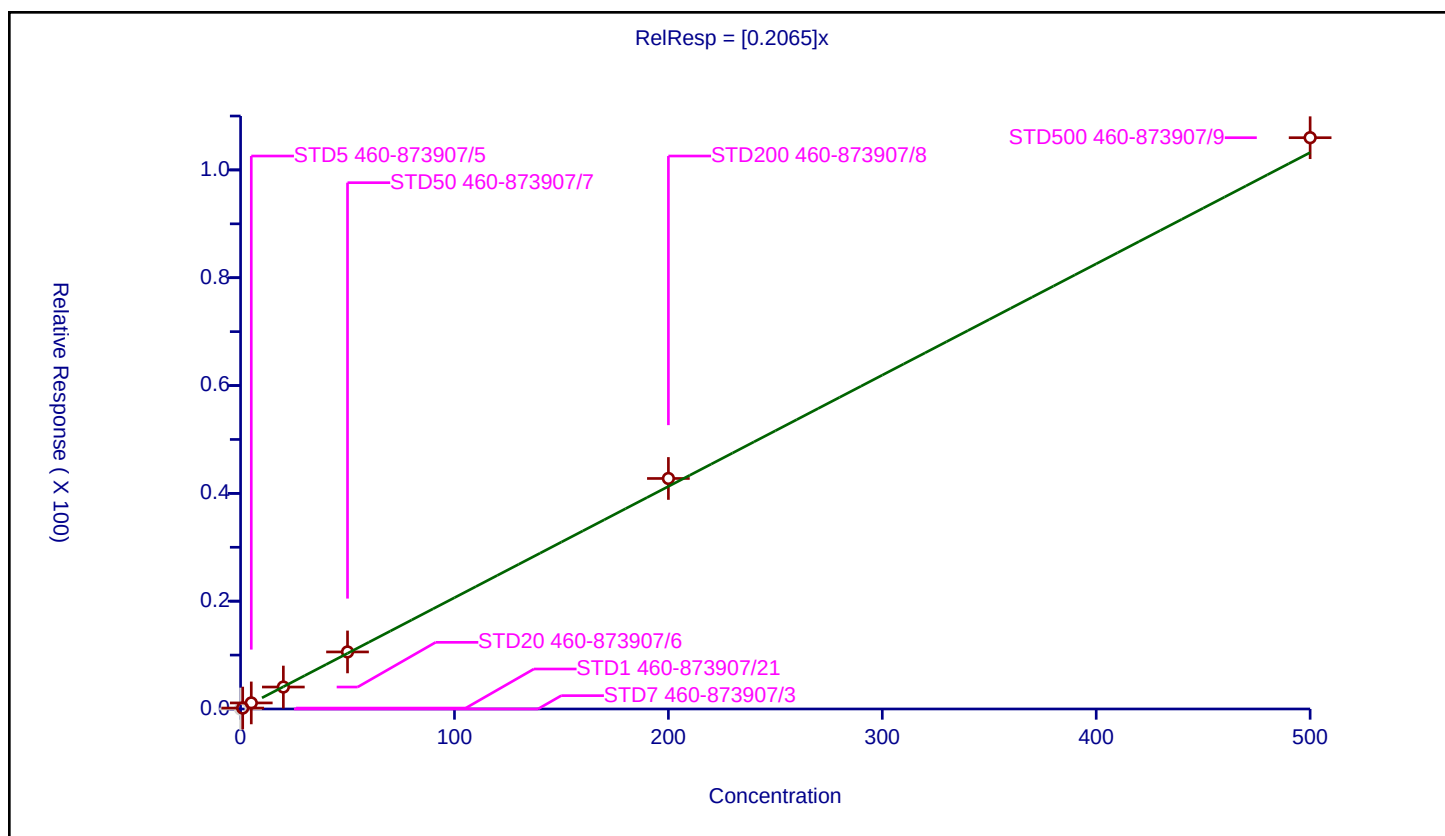
Curve Coefficients

Intercept: 0
Slope: 0.2065

Error Coefficients

Standard Error: 248000
Relative Standard Error: 8.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.171969	50.0	188988.0	0.171969	Y
3	STD5 460-873907/5	5.0	1.127604	50.0	174751.0	0.225521	Y
4	STD20 460-873907/6	20.0	4.074781	50.0	205962.0	0.203739	Y
5	STD50 460-873907/7	50.0	10.58517	50.0	205906.0	0.211703	Y
6	STD200 460-873907/8	200.0	42.762593	50.0	229357.0	0.213813	Y
7	STD500 460-873907/9	500.0	105.97859	50.0	244280.0	0.211957	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

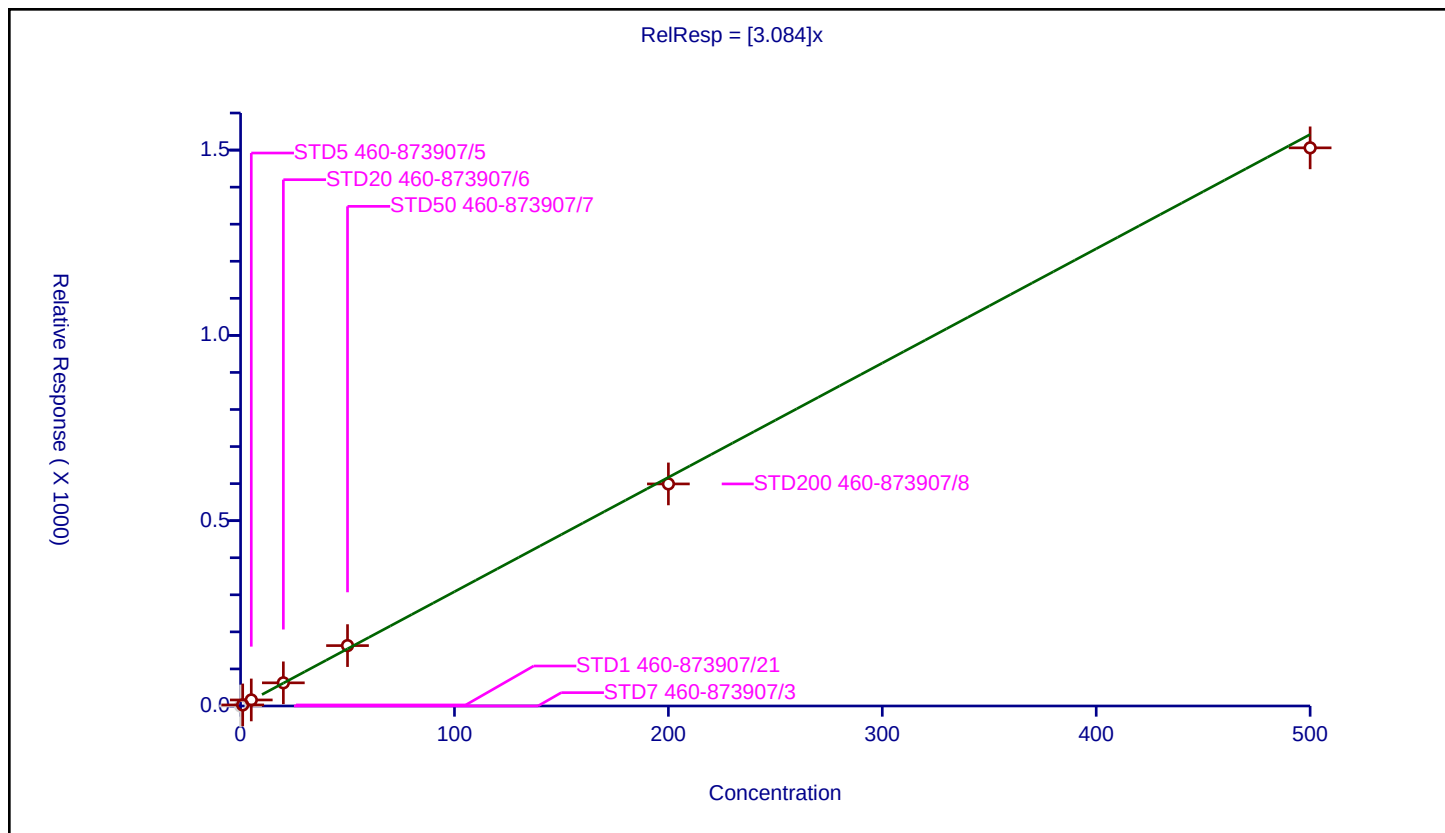
Curve Coefficients

Intercept: 0
 Slope: 3.084

Error Coefficients

Standard Error: 3530000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.854679	50.0	188988.0	2.854679	Y
3	STD5 460-873907/5	5.0	16.290322	50.0	174751.0	3.258064	Y
4	STD20 460-873907/6	20.0	62.519057	50.0	205962.0	3.125953	Y
5	STD50 460-873907/7	50.0	162.952269	50.0	205906.0	3.259045	Y
6	STD200 460-873907/8	200.0	599.219339	50.0	229357.0	2.996097	Y
7	STD500 460-873907/9	500.0	1506.026281	50.0	244280.0	3.012053	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

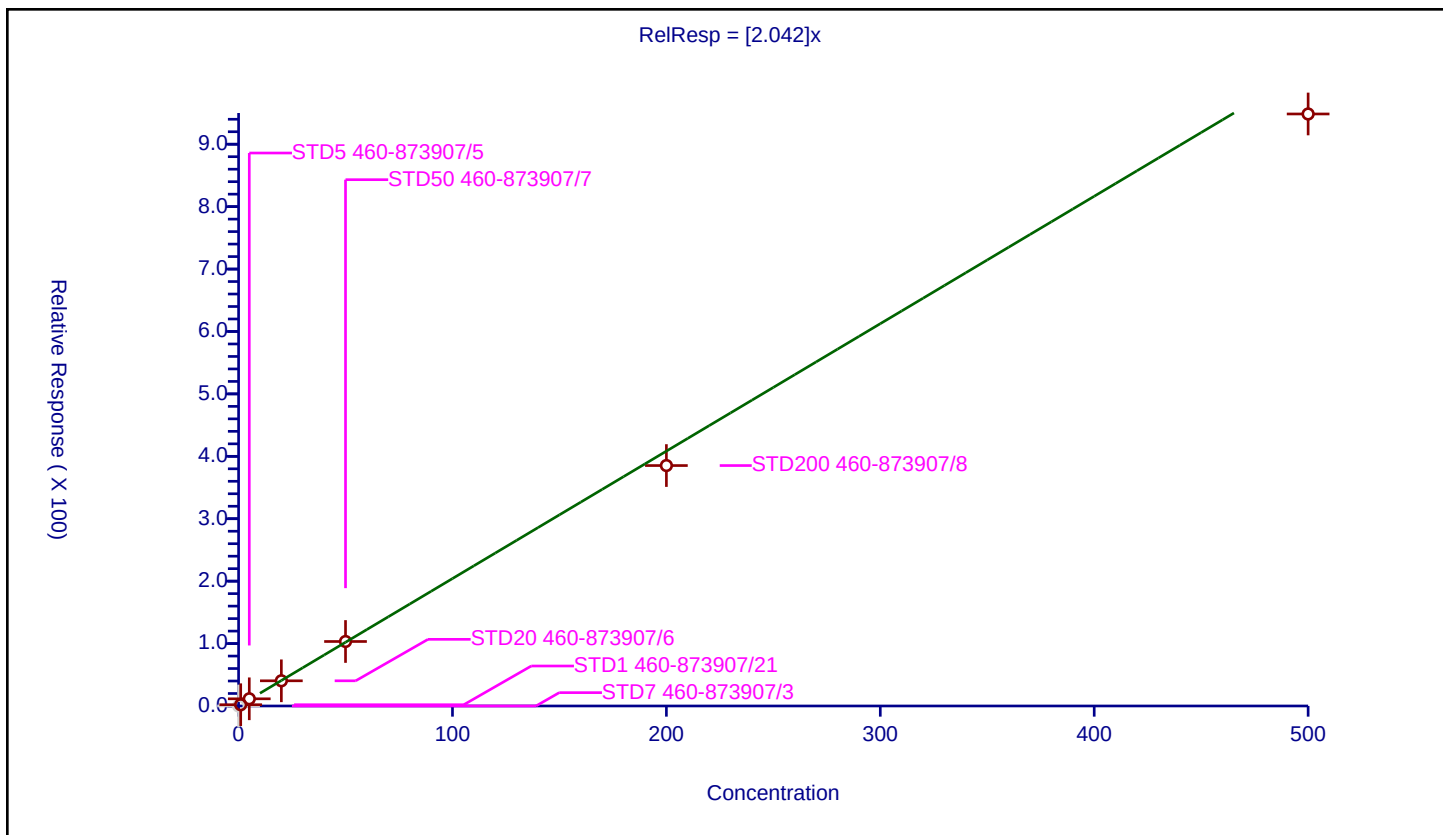
Curve Coefficients

Intercept: 0
 Slope: 2.042

Error Coefficients

Standard Error: 2230000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.039018	50.0	188988.0	2.039018	Y
3	STD5 460-873907/5	5.0	11.514097	50.0	174751.0	2.302819	Y
4	STD20 460-873907/6	20.0	40.365213	50.0	205962.0	2.018261	Y
5	STD50 460-873907/7	50.0	103.313162	50.0	205906.0	2.066263	Y
6	STD200 460-873907/8	200.0	385.227397	50.0	229357.0	1.926137	Y
7	STD500 460-873907/9	500.0	948.457508	50.0	244280.0	1.896915	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

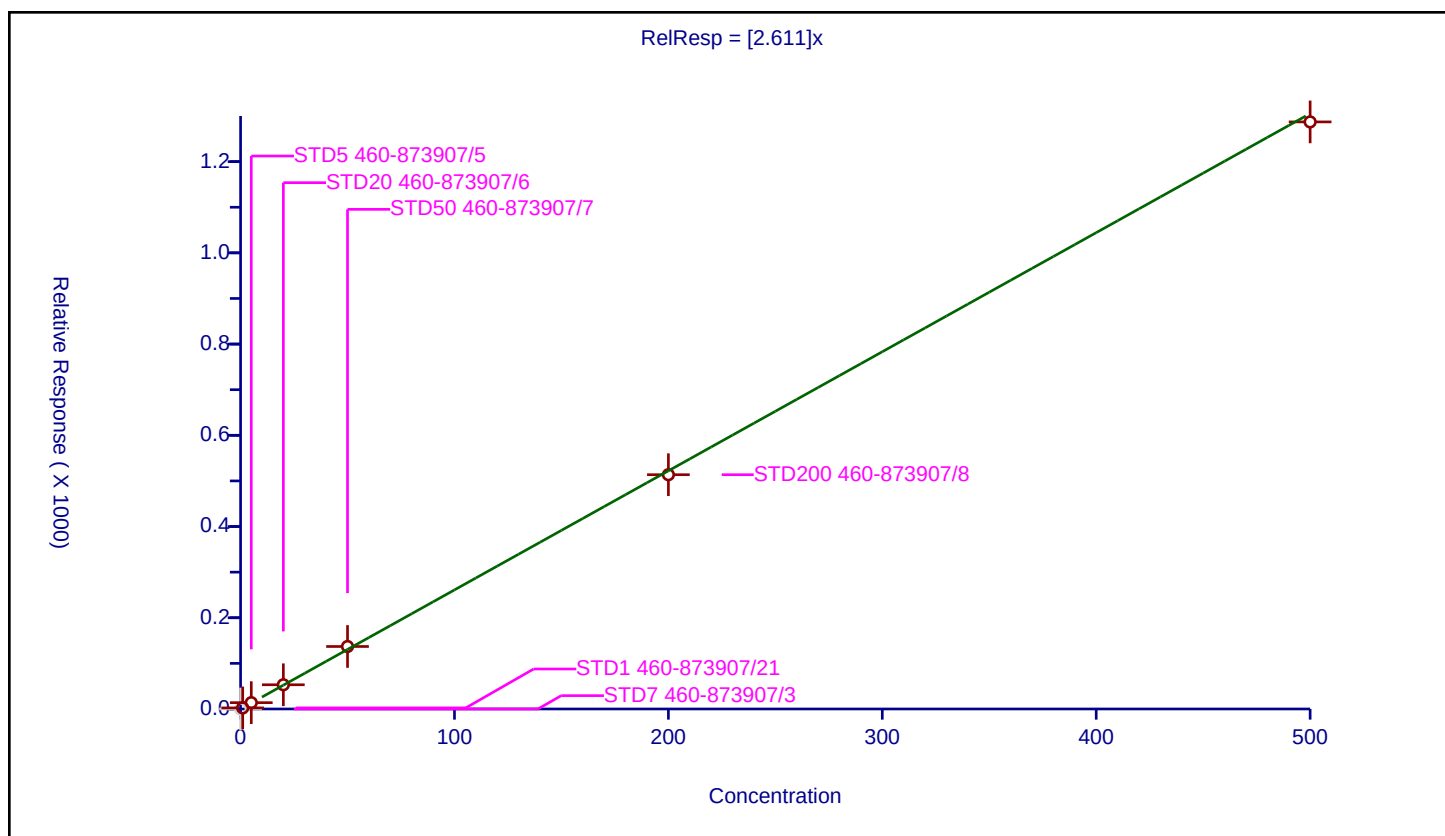
Curve Coefficients

Intercept: 0
Slope: 2.611

Error Coefficients

Standard Error: 3010000
Relative Standard Error: 5.9
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.350414	50.0	188988.0	2.350414	Y
3	STD5 460-873907/5	5.0	13.874313	50.0	174751.0	2.774863	Y
4	STD20 460-873907/6	20.0	53.113924	50.0	205962.0	2.655696	Y
5	STD50 460-873907/7	50.0	137.030975	50.0	205906.0	2.74062	Y
6	STD200 460-873907/8	200.0	513.623085	50.0	229357.0	2.568115	Y
7	STD500 460-873907/9	500.0	1287.078353	50.0	244280.0	2.574157	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

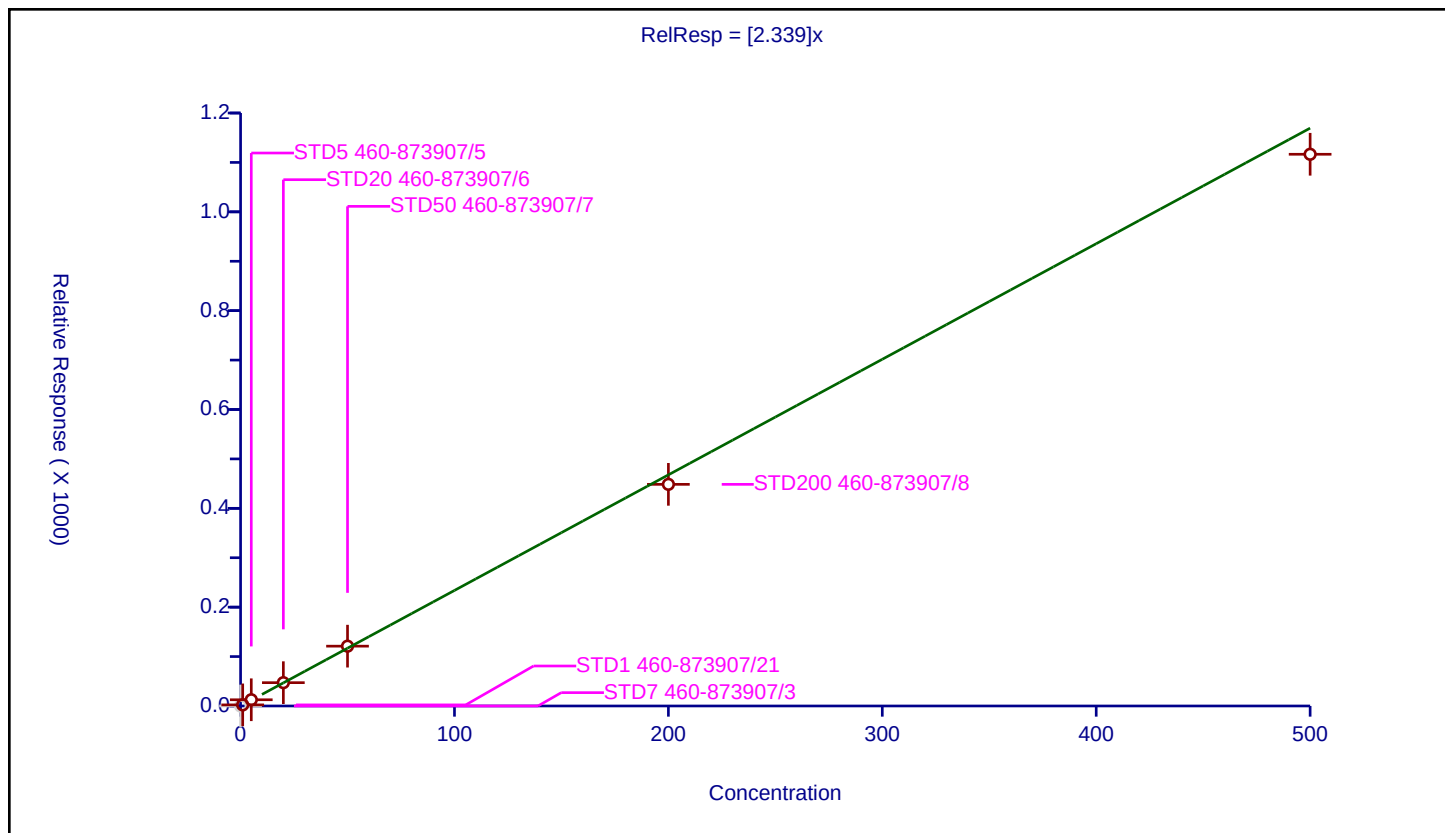
Curve Coefficients

Intercept: 0
Slope: 2.339

Error Coefficients

Standard Error: 2620000
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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.250937	50.0	188988.0	2.250937	Y
3	STD5 460-873907/5	5.0	12.621673	50.0	174751.0	2.524335	Y
4	STD20 460-873907/6	20.0	47.207495	50.0	205962.0	2.360375	Y
5	STD50 460-873907/7	50.0	121.066409	50.0	205906.0	2.421328	Y
6	STD200 460-873907/8	200.0	448.538305	50.0	229357.0	2.242692	Y
7	STD500 460-873907/9	500.0	1116.498895	50.0	244280.0	2.232998	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

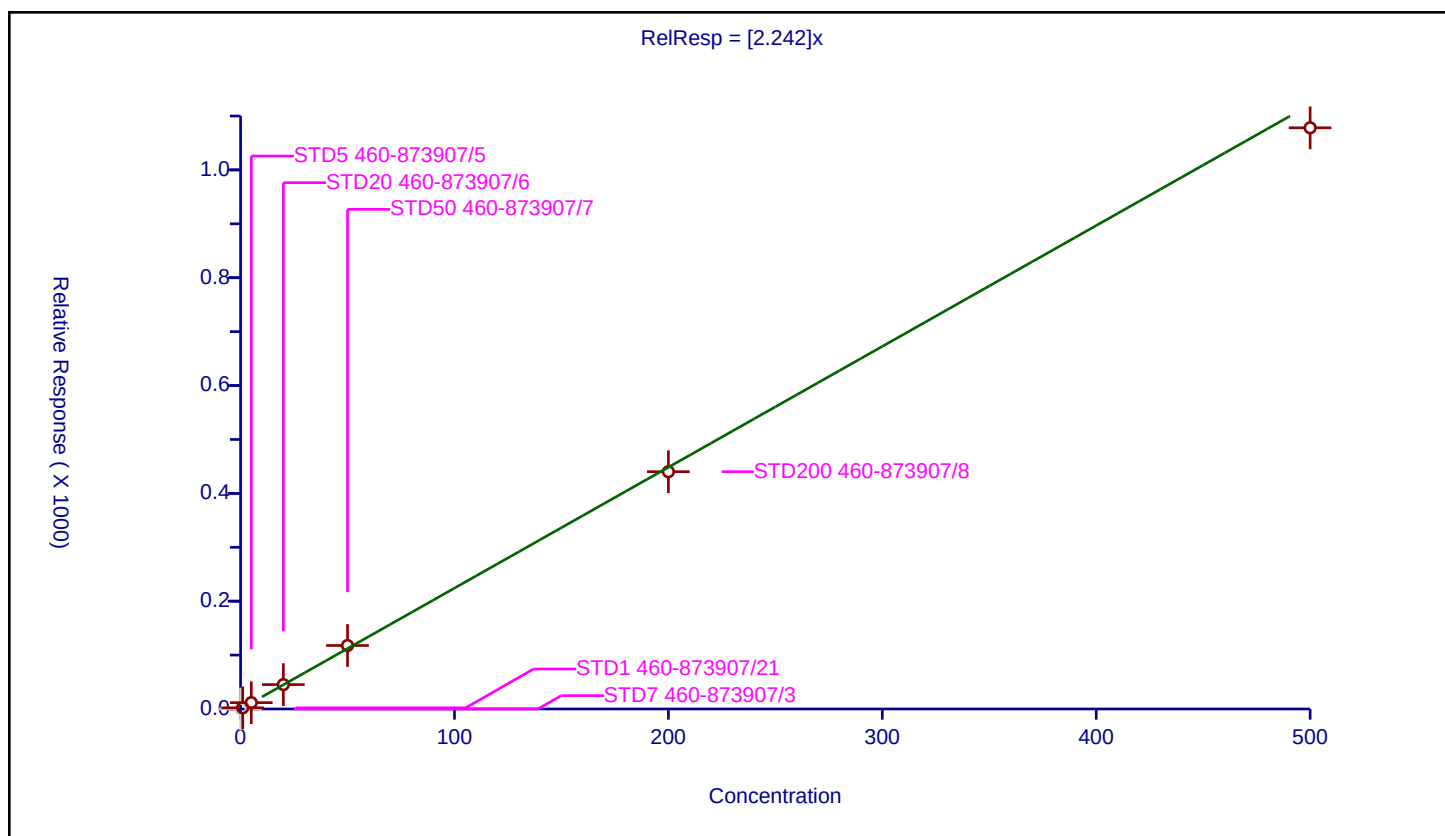
Curve Coefficients

Intercept: 0
 Slope: 2.242

Error Coefficients

Standard Error: 2530000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.127384	50.0	188988.0	2.127384	Y
3	STD5 460-873907/5	5.0	11.749575	50.0	174751.0	2.349915	Y
4	STD20 460-873907/6	20.0	45.247667	50.0	205962.0	2.262383	Y
5	STD50 460-873907/7	50.0	117.753247	50.0	205906.0	2.355065	Y
6	STD200 460-873907/8	200.0	440.188222	50.0	229357.0	2.200941	Y
7	STD500 460-873907/9	500.0	1078.147617	50.0	244280.0	2.156295	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

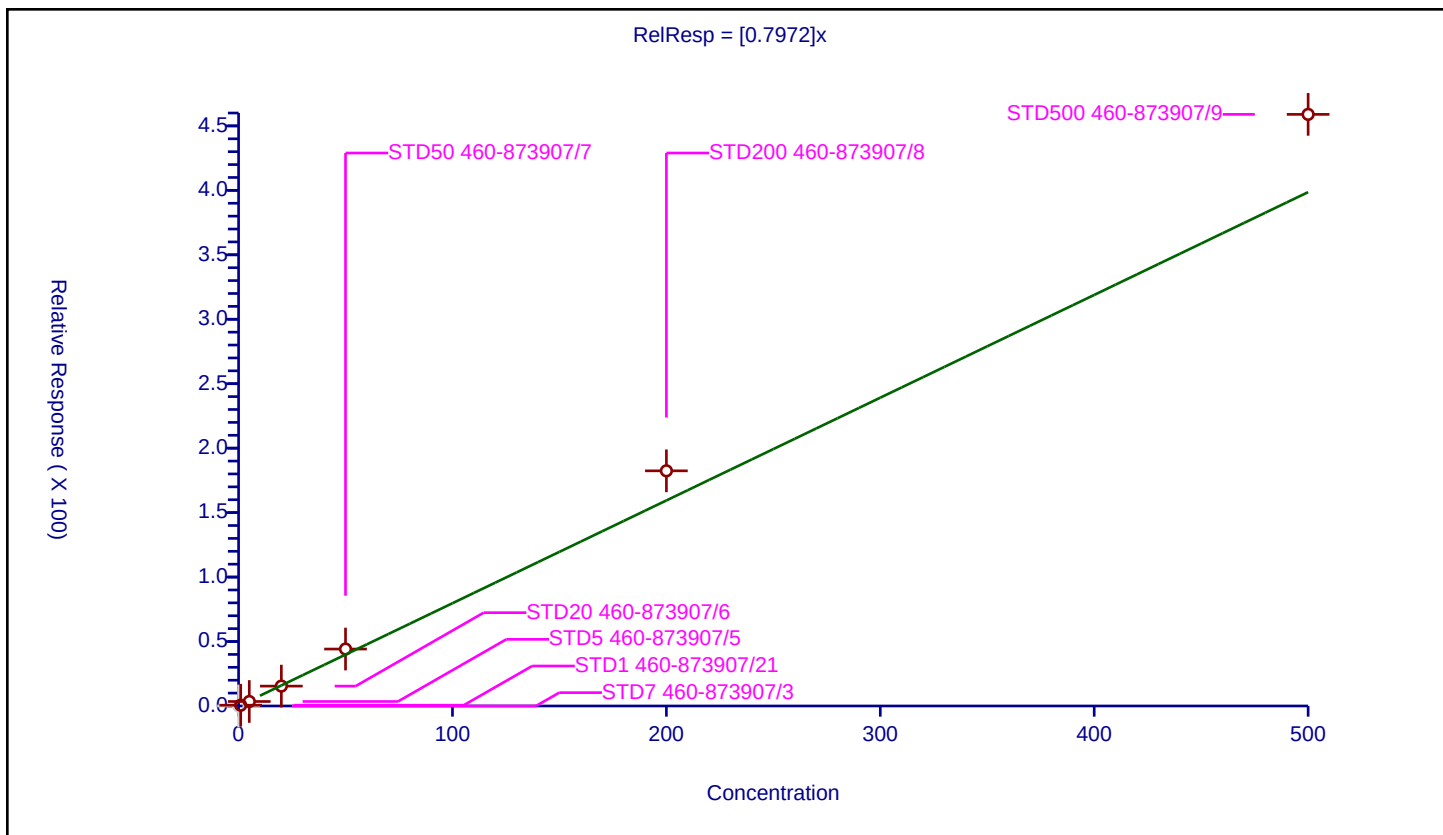
Curve Coefficients

Intercept: 0
 Slope: 0.7972

Error Coefficients

Standard Error: 1070000
 Relative Standard Error: 16.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.600303	50.0	188988.0	0.600303	Y
3	STD5 460-873907/5	5.0	3.490681	50.0	174751.0	0.698136	Y
4	STD20 460-873907/6	20.0	15.428817	50.0	205962.0	0.771441	Y
5	STD50 460-873907/7	50.0	44.170641	50.0	205906.0	0.883413	Y
6	STD200 460-873907/8	200.0	182.419111	50.0	229357.0	0.912096	Y
7	STD500 460-873907/9	500.0	458.941788	50.0	244280.0	0.917884	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

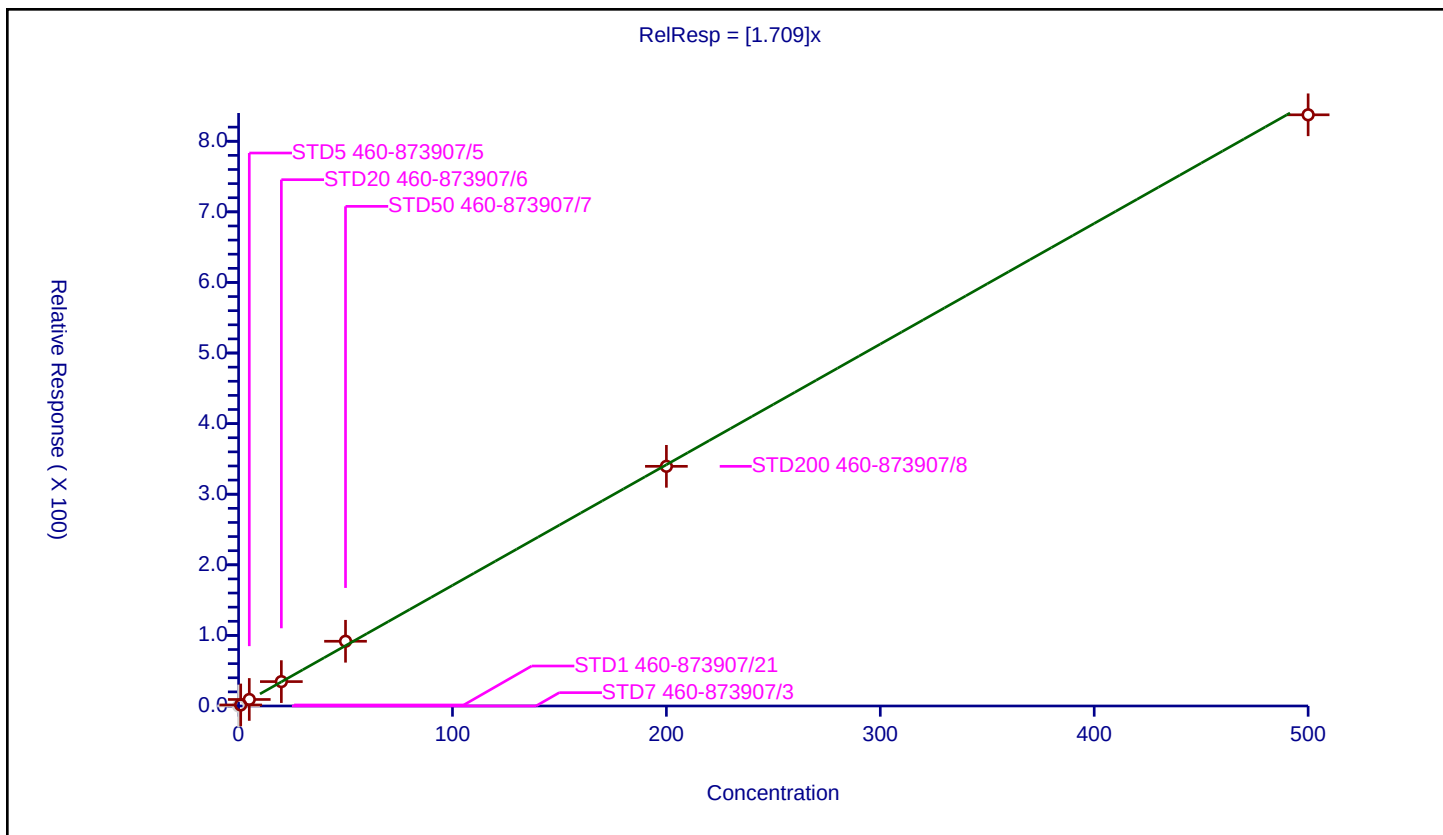
Curve Coefficients

Intercept: 0
 Slope: 1.709

Error Coefficients

Standard Error: 1970000
 Relative Standard Error: 8.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.47258	50.0	188988.0	1.47258	Y
3	STD5 460-873907/5	5.0	9.236857	50.0	174751.0	1.847371	Y
4	STD20 460-873907/6	20.0	34.532098	50.0	205962.0	1.726605	Y
5	STD50 460-873907/7	50.0	91.718066	50.0	205906.0	1.834361	Y
6	STD200 460-873907/8	200.0	339.502609	50.0	229357.0	1.697513	Y
7	STD500 460-873907/9	500.0	837.479327	50.0	244280.0	1.674959	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

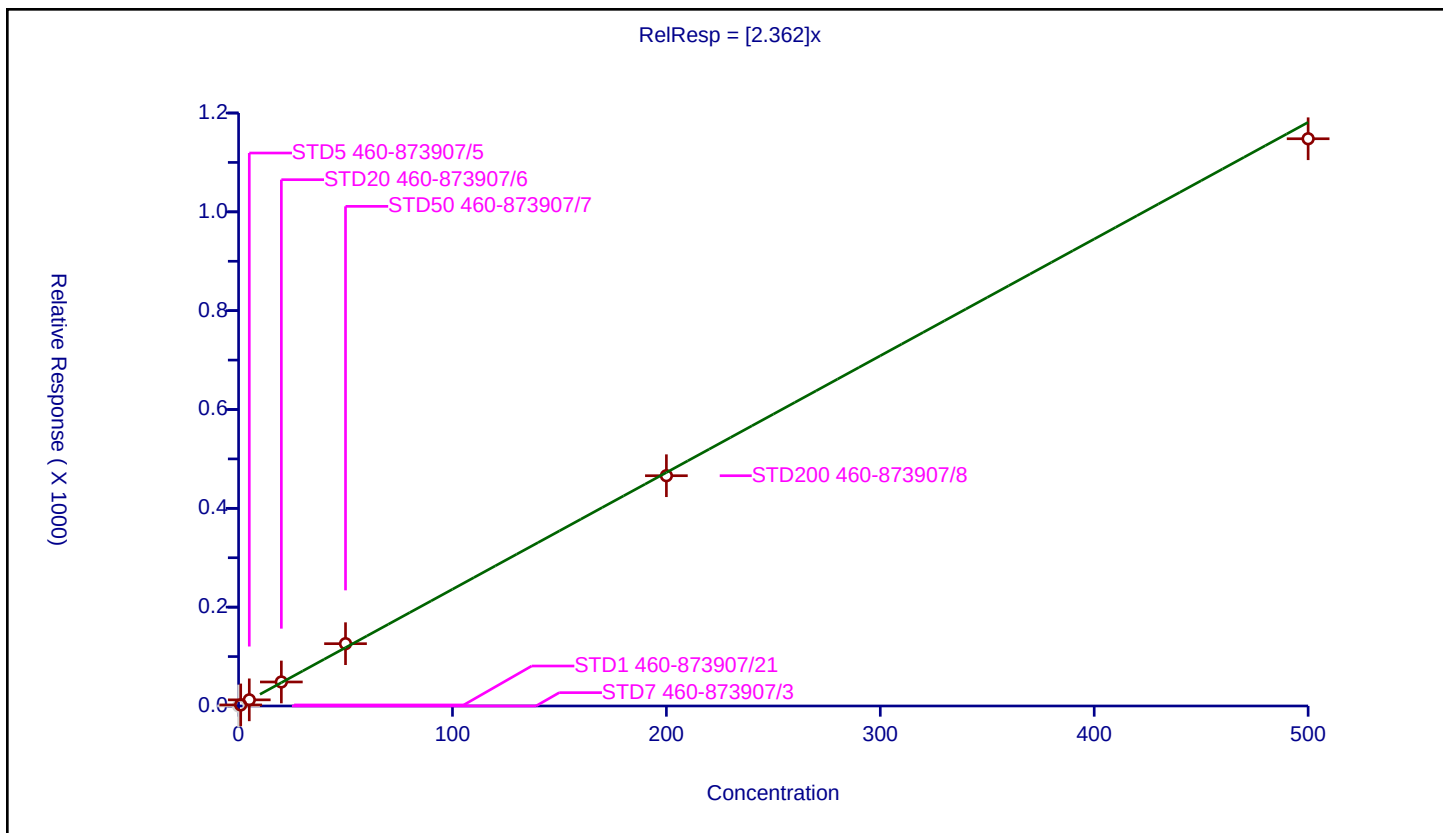
Curve Coefficients

Intercept: 0
 Slope: 2.362

Error Coefficients

Standard Error: 2700000
 Relative Standard Error: 6.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.11151	50.0	188988.0	2.11151	Y
3	STD5 460-873907/5	5.0	12.429113	50.0	174751.0	2.485823	Y
4	STD20 460-873907/6	20.0	48.599256	50.0	205962.0	2.429963	Y
5	STD50 460-873907/7	50.0	126.078162	50.0	205906.0	2.521563	Y
6	STD200 460-873907/8	200.0	465.992318	50.0	229357.0	2.329962	Y
7	STD500 460-873907/9	500.0	1147.931267	50.0	244280.0	2.295863	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

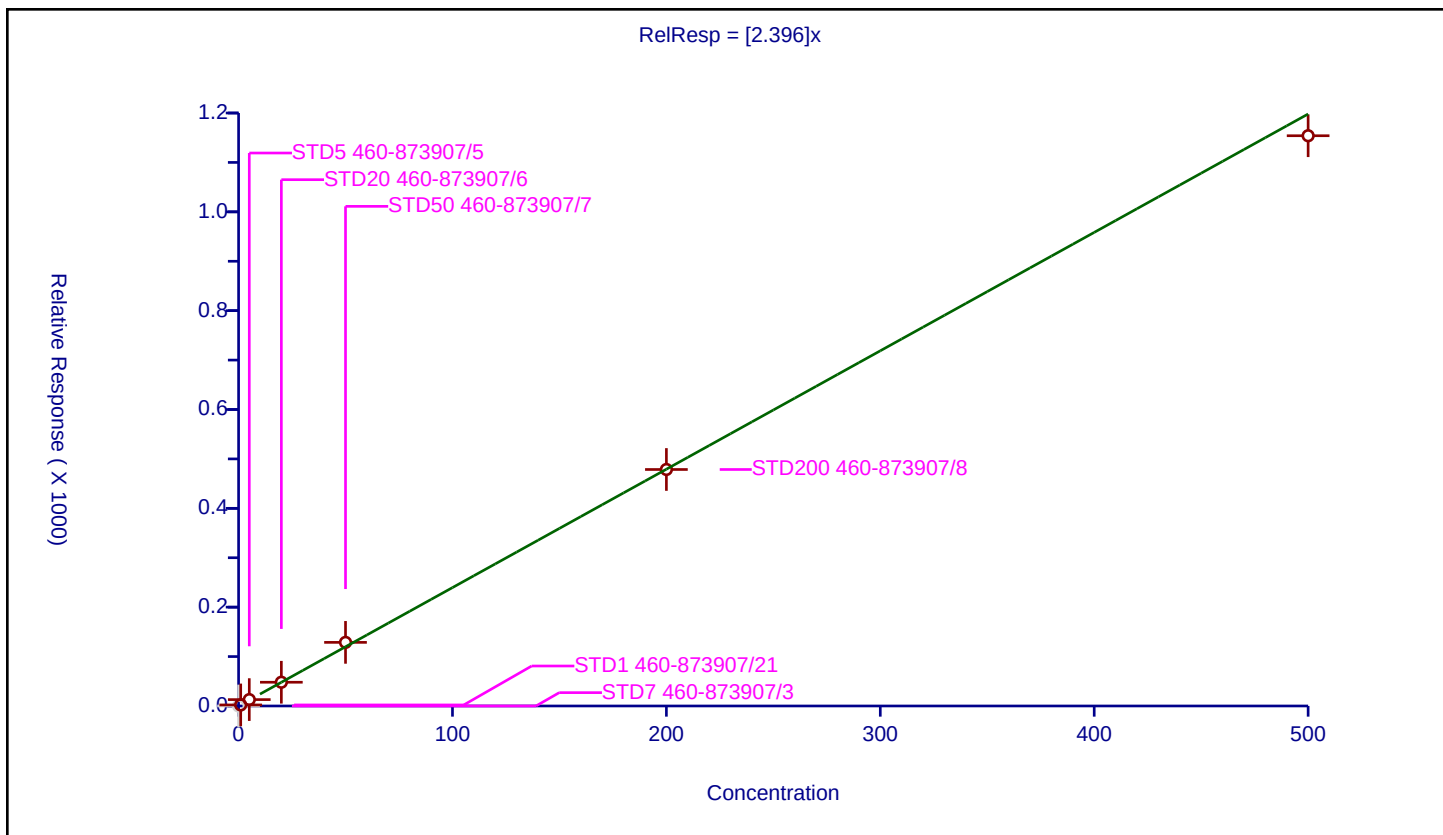
Curve Coefficients

Intercept: 0
 Slope: 2.396

Error Coefficients

Standard Error: 2720000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.115478	50.0	188988.0	2.115478	Y
3	STD5 460-873907/5	5.0	12.918667	50.0	174751.0	2.583733	Y
4	STD20 460-873907/6	20.0	48.032647	50.0	205962.0	2.401632	Y
5	STD50 460-873907/7	50.0	128.722572	50.0	205906.0	2.574451	Y
6	STD200 460-873907/8	200.0	478.60279	50.0	229357.0	2.393014	Y
7	STD500 460-873907/9	500.0	1154.016293	50.0	244280.0	2.308033	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

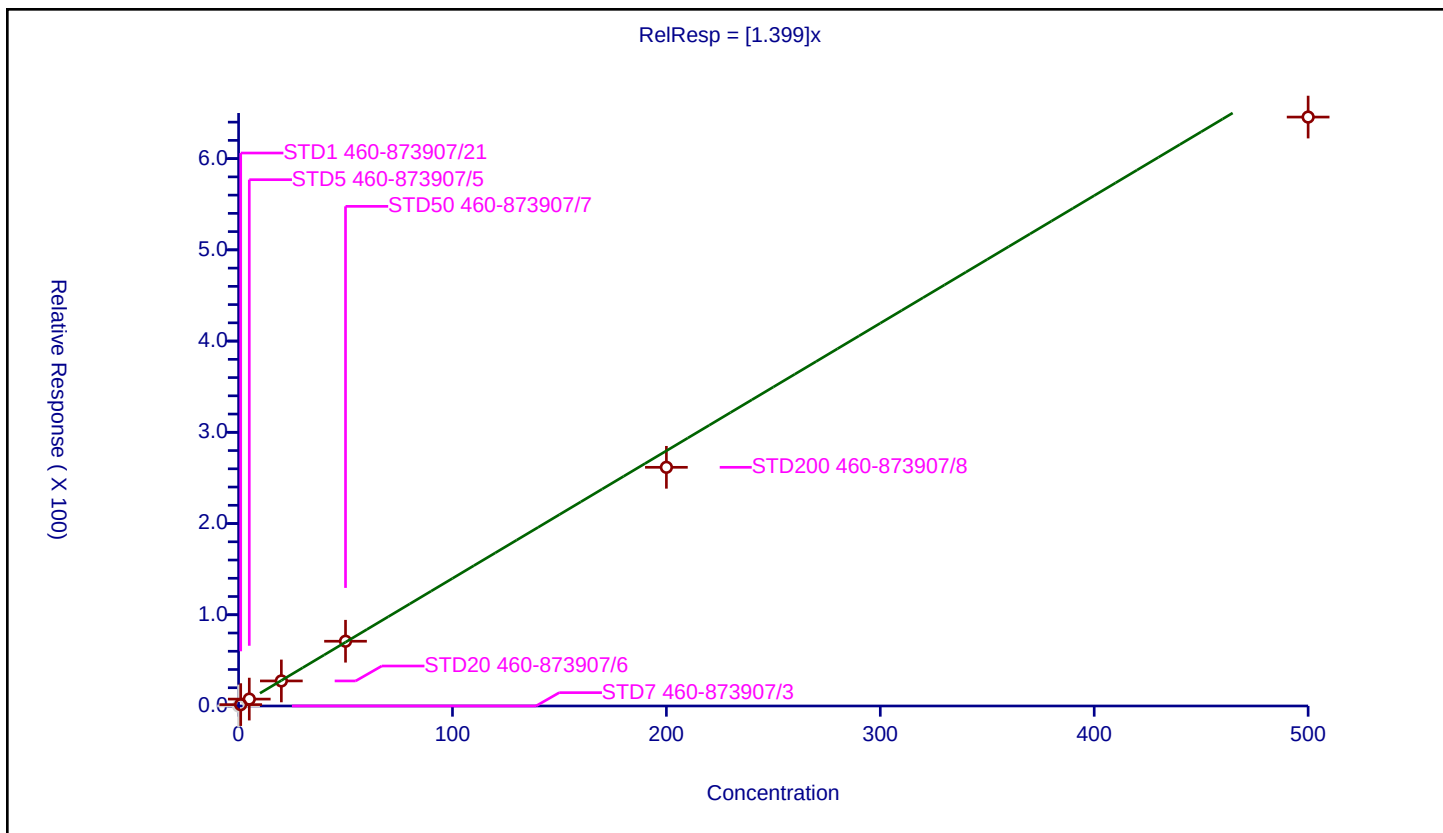
Curve Coefficients

Intercept: 0
 Slope: 1.399

Error Coefficients

Standard Error: 1520000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.491365	50.0	188988.0	1.491365	Y
3	STD5 460-873907/5	5.0	7.545021	50.0	174751.0	1.509004	Y
4	STD20 460-873907/6	20.0	27.451666	50.0	205962.0	1.372583	Y
5	STD50 460-873907/7	50.0	70.987247	50.0	205906.0	1.419745	Y
6	STD200 460-873907/8	200.0	261.629686	50.0	229357.0	1.308148	Y
7	STD500 460-873907/9	500.0	645.552645	50.0	244280.0	1.291105	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

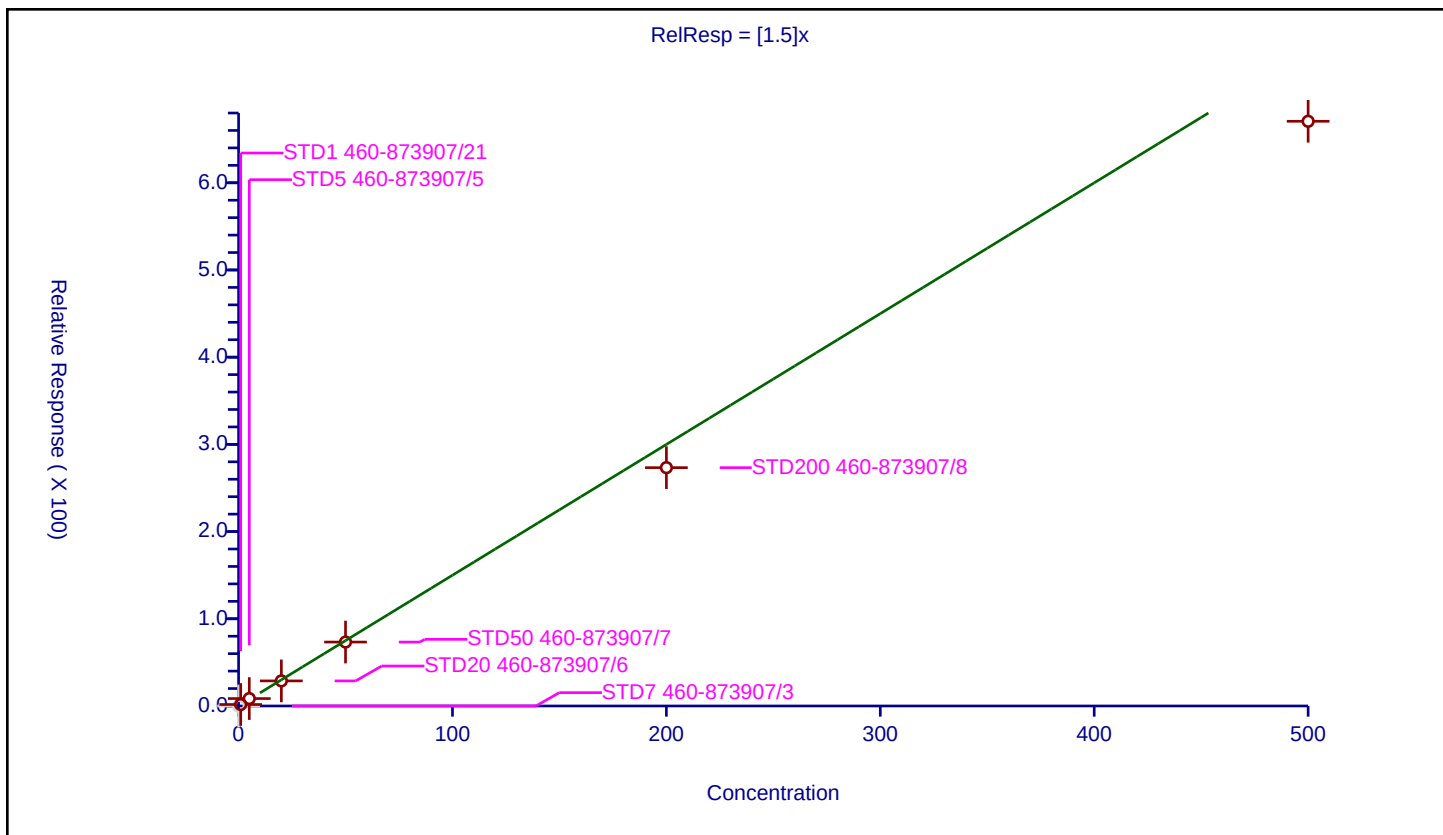
Curve Coefficients

Intercept: 0
 Slope: 1.5

Error Coefficients

Standard Error: 1580000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.684498	50.0	188988.0	1.684498	Y
3	STD5 460-873907/5	5.0	8.5144	50.0	174751.0	1.70288	Y
4	STD20 460-873907/6	20.0	28.756518	50.0	205962.0	1.437826	Y
5	STD50 460-873907/7	50.0	73.306509	50.0	205906.0	1.46613	Y
6	STD200 460-873907/8	200.0	273.314527	50.0	229357.0	1.366573	Y
7	STD500 460-873907/9	500.0	670.510684	50.0	244280.0	1.341021	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

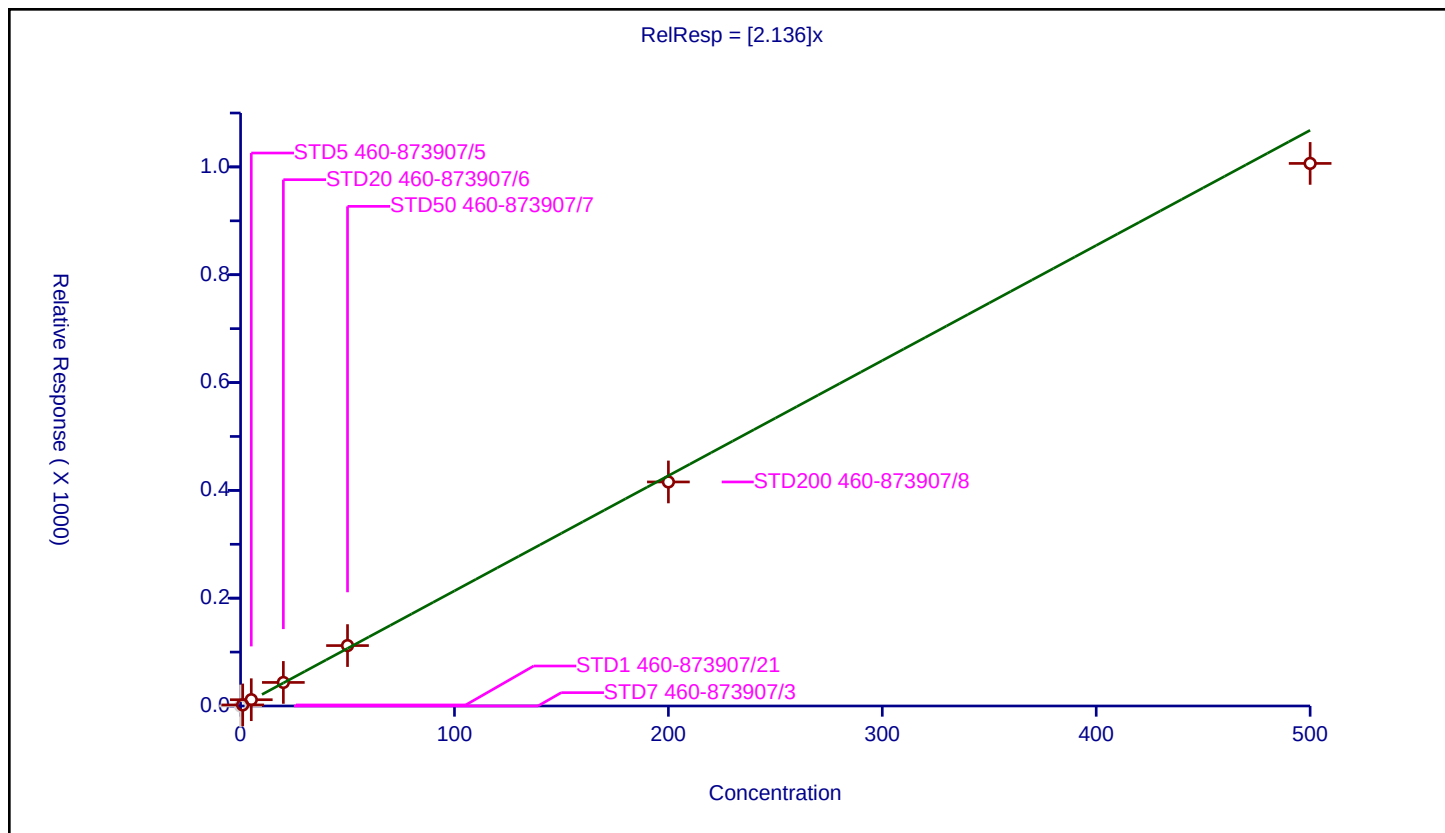
Curve Coefficients

Intercept: 0
 Slope: 2.136

Error Coefficients

Standard Error: 2370000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.965998	50.0	188988.0	1.965998	Y
3	STD5 460-873907/5	5.0	11.668031	50.0	174751.0	2.333606	Y
4	STD20 460-873907/6	20.0	43.680145	50.0	205962.0	2.184007	Y
5	STD50 460-873907/7	50.0	112.048702	50.0	205906.0	2.240974	Y
6	STD200 460-873907/8	200.0	415.604712	50.0	229357.0	2.078024	Y
7	STD500 460-873907/9	500.0	1006.516497	50.0	244280.0	2.013033	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

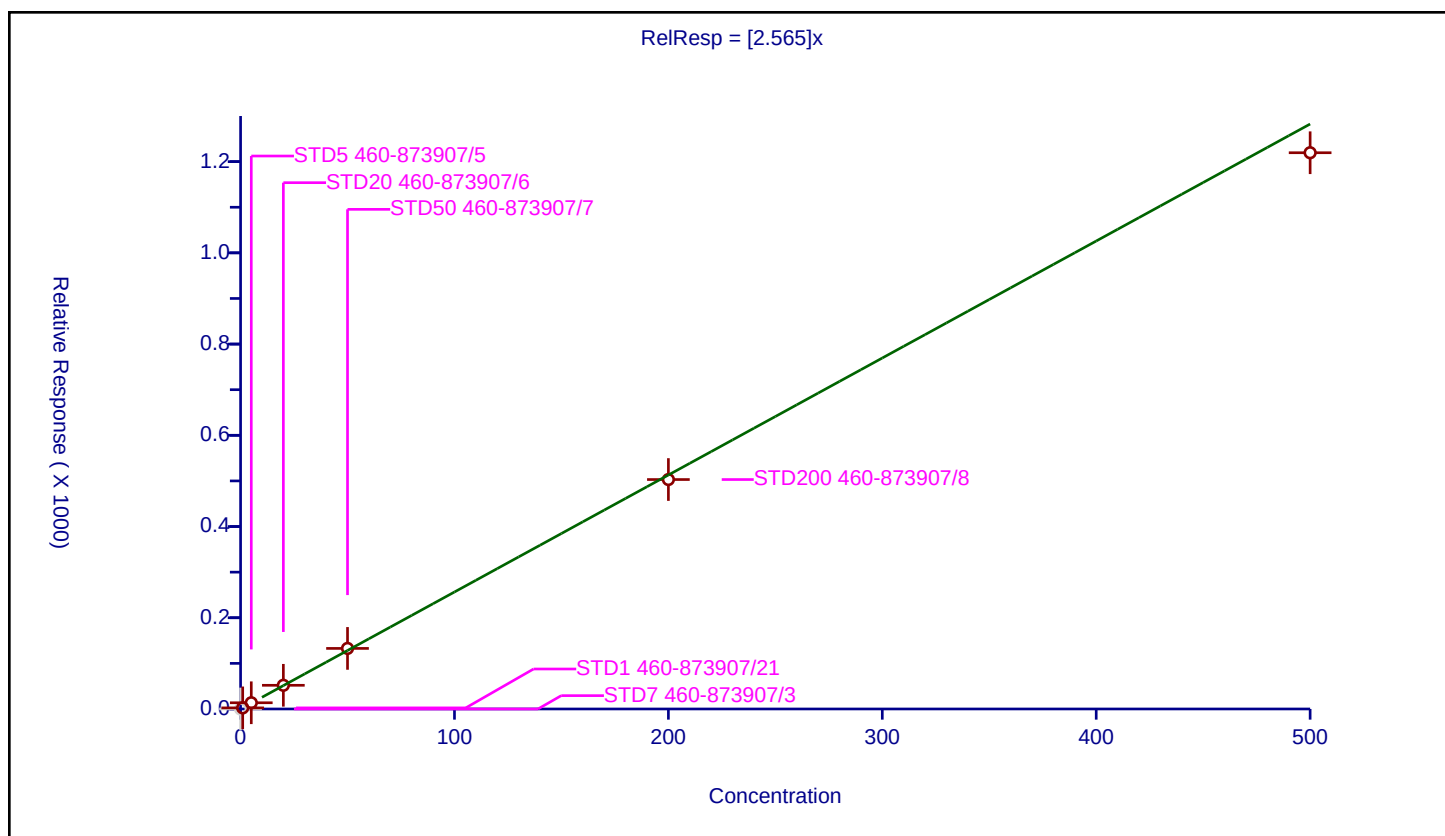
Curve Coefficients

Intercept: 0
Slope: 2.565

Error Coefficients

Standard Error: 2870000
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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.449891	50.0	188988.0	2.449891	Y
3	STD5 460-873907/5	5.0	13.656574	50.0	174751.0	2.731315	Y
4	STD20 460-873907/6	20.0	51.952787	50.0	205962.0	2.597639	Y
5	STD50 460-873907/7	50.0	132.796033	50.0	205906.0	2.655921	Y
6	STD200 460-873907/8	200.0	503.035661	50.0	229357.0	2.515178	Y
7	STD500 460-873907/9	500.0	1219.518176	50.0	244280.0	2.439036	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

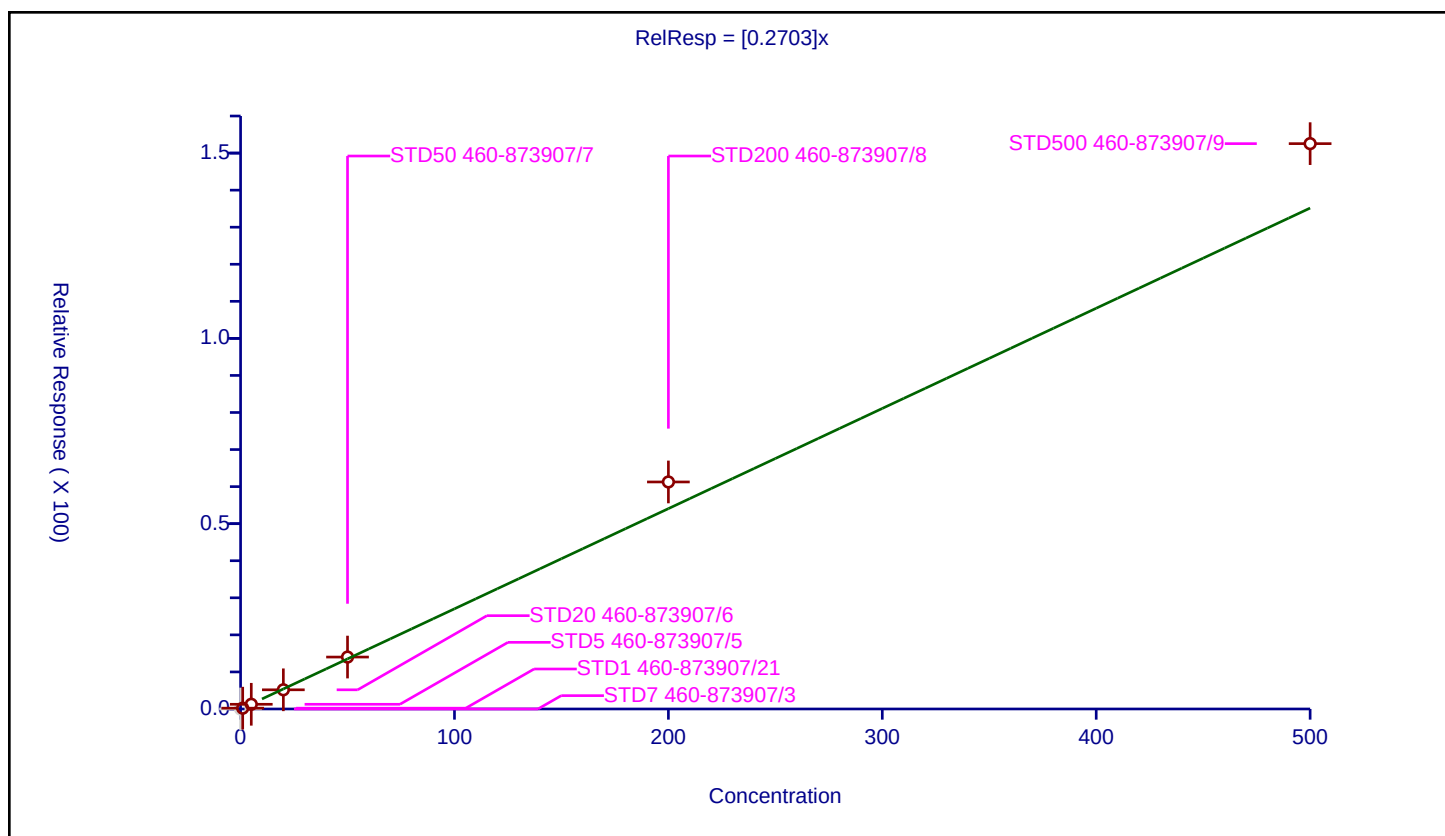
Curve Coefficients

Intercept: 0
 Slope: 0.2703

Error Coefficients

Standard Error: 357000
 Relative Standard Error: 12.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.21721	50.0	188988.0	0.21721	Y
3	STD5 460-873907/5	5.0	1.270665	50.0	174751.0	0.254133	Y
4	STD20 460-873907/6	20.0	5.178625	50.0	205962.0	0.258931	Y
5	STD50 460-873907/7	50.0	14.01319	50.0	205906.0	0.280264	Y
6	STD200 460-873907/8	200.0	61.258867	50.0	229357.0	0.306294	Y
7	STD500 460-873907/9	500.0	152.543393	50.0	244280.0	0.305087	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

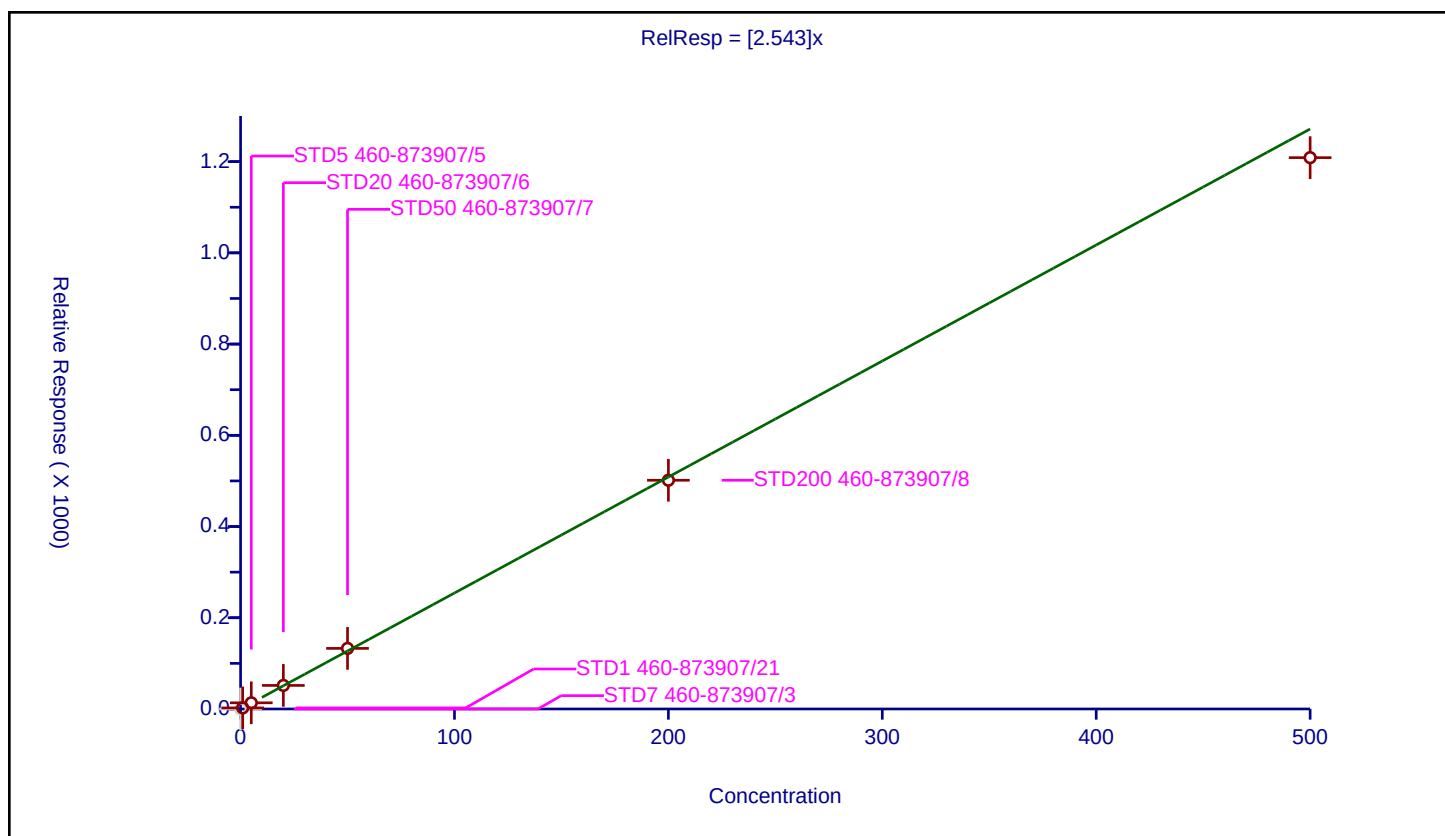
Curve Coefficients

Intercept: 0
Slope: 2.543

Error Coefficients

Standard Error: 2850000
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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	2.387189	50.0	188988.0	2.387189	Y
3	STD5 460-873907/5	5.0	13.541553	50.0	174751.0	2.708311	Y
4	STD20 460-873907/6	20.0	51.628698	50.0	205962.0	2.581435	Y
5	STD50 460-873907/7	50.0	132.840471	50.0	205906.0	2.656809	Y
6	STD200 460-873907/8	200.0	501.479571	50.0	229357.0	2.507398	Y
7	STD500 460-873907/9	500.0	1208.734444	50.0	244280.0	2.417469	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

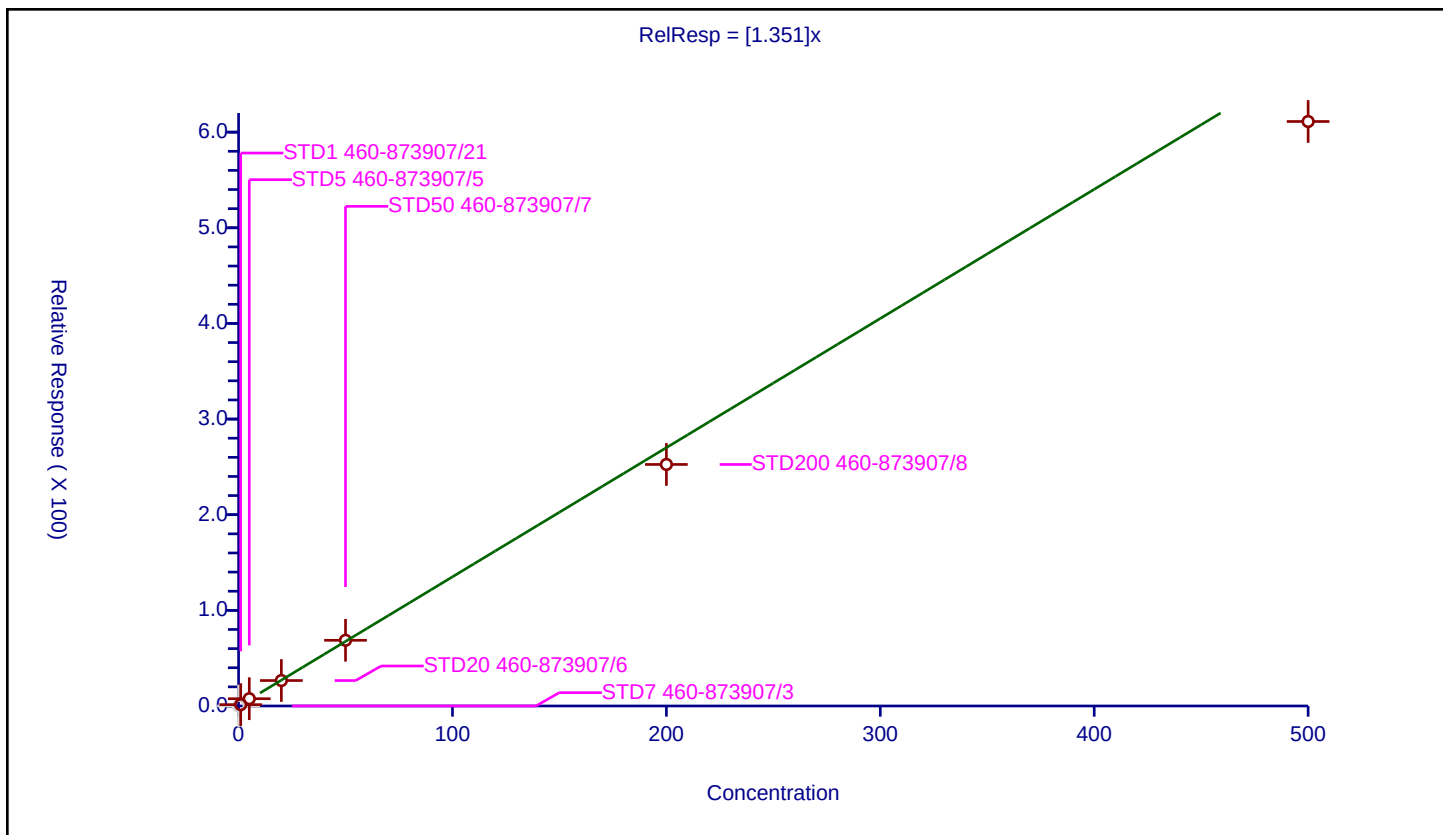
Curve Coefficients

Intercept: 0
 Slope: 1.351

Error Coefficients

Standard Error: 1440000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.395856	50.0	188988.0	1.395856	Y
3	STD5 460-873907/5	5.0	7.590515	50.0	174751.0	1.518103	Y
4	STD20 460-873907/6	20.0	26.60952	50.0	205962.0	1.330476	Y
5	STD50 460-873907/7	50.0	68.68474	50.0	205906.0	1.373695	Y
6	STD200 460-873907/8	200.0	252.552135	50.0	229357.0	1.262761	Y
7	STD500 460-873907/9	500.0	611.126371	50.0	244280.0	1.222253	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

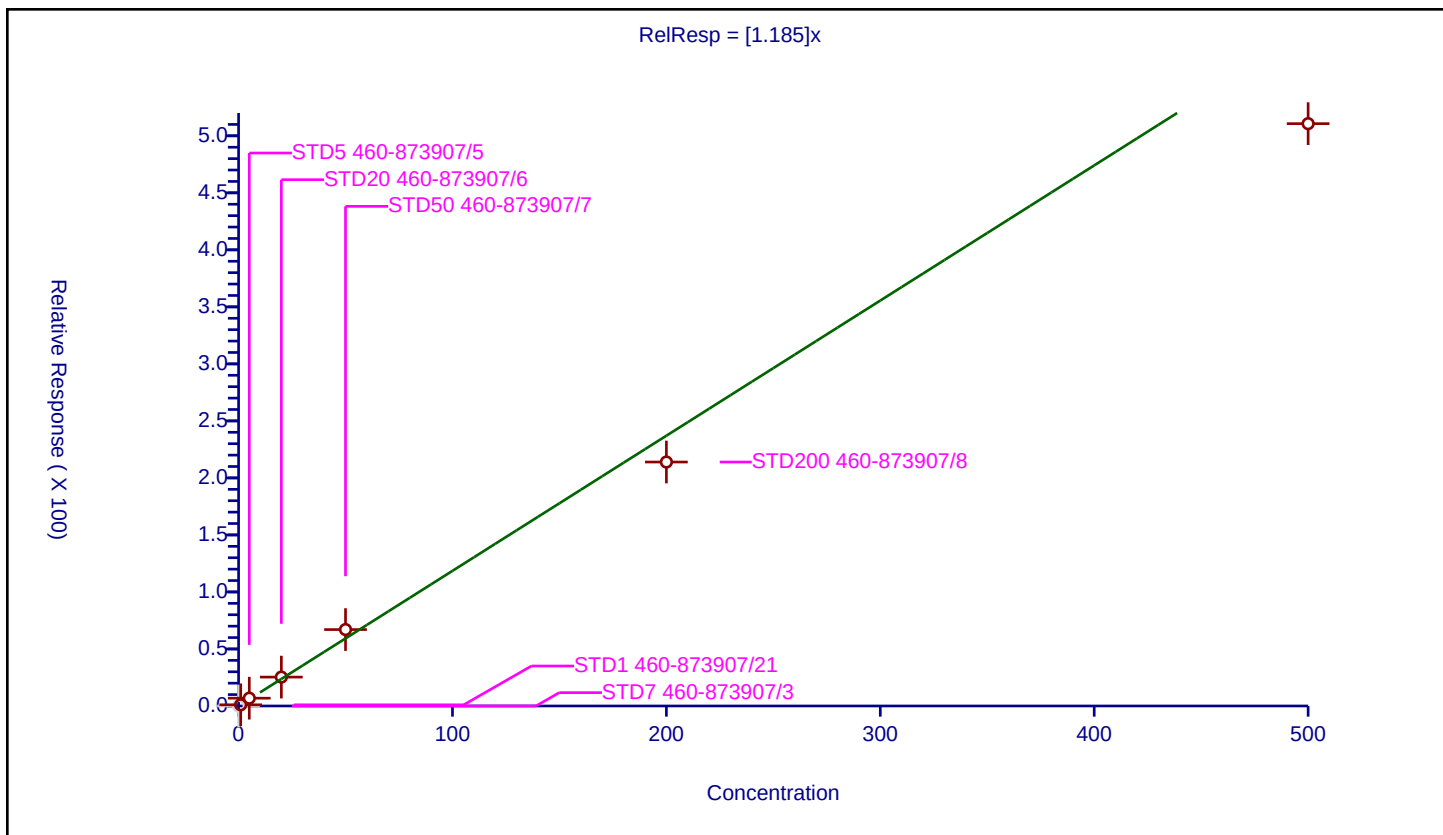
Curve Coefficients

Intercept: 0
 Slope: 1.185

Error Coefficients

Standard Error: 1210000
 Relative Standard Error: 13.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.044775	50.0	188988.0	1.044775	Y
3	STD5 460-873907/5	5.0	6.840018	50.0	174751.0	1.368004	Y
4	STD20 460-873907/6	20.0	25.33647	50.0	205962.0	1.266823	Y
5	STD50 460-873907/7	50.0	67.01286	50.0	205906.0	1.340257	Y
6	STD200 460-873907/8	200.0	213.92785	50.0	229357.0	1.069639	Y
7	STD500 460-873907/9	500.0	510.669723	50.0	244280.0	1.021339	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

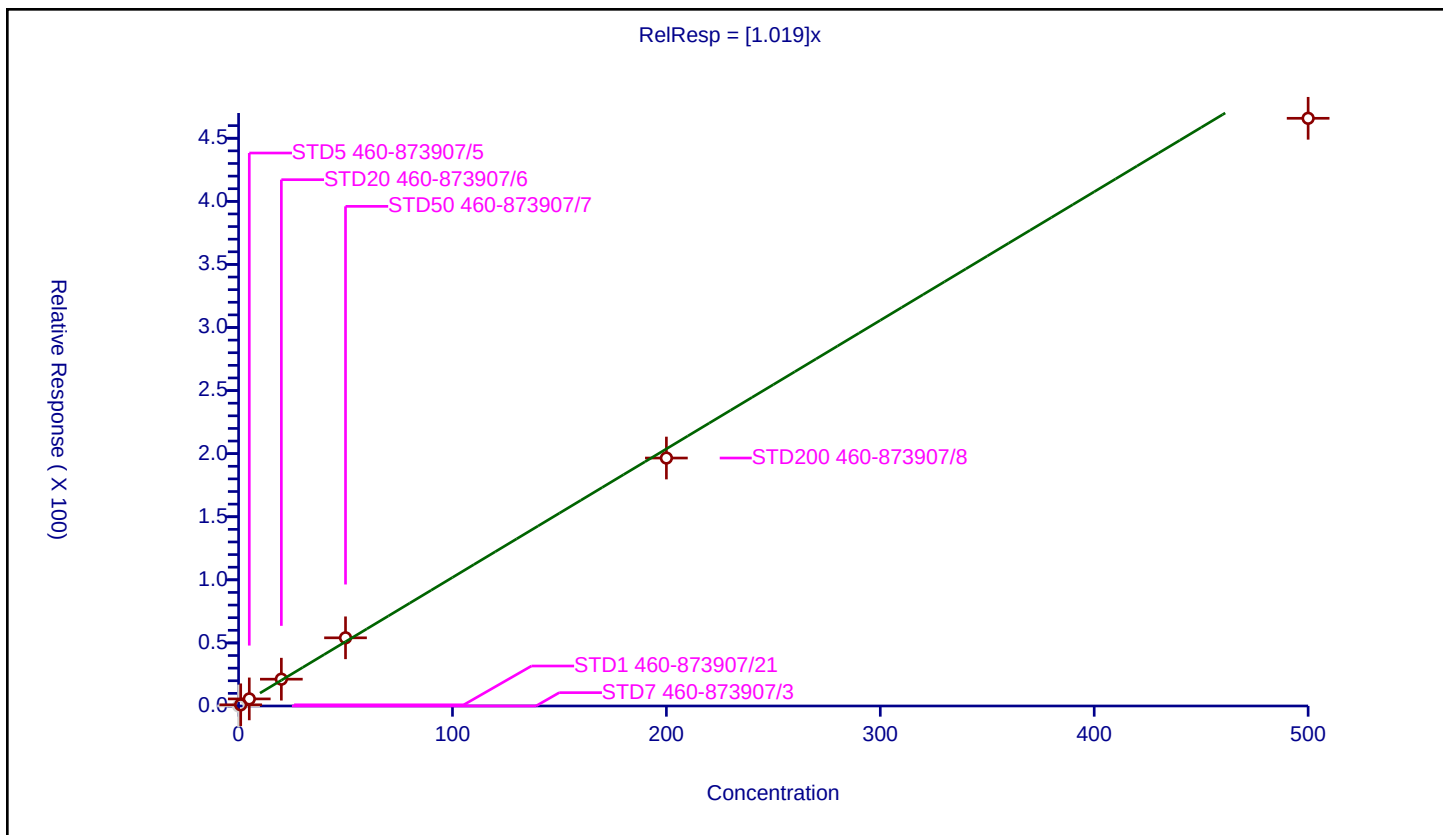
Curve Coefficients

Intercept: 0
 Slope: 1.019

Error Coefficients

Standard Error: 1100000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.935245	50.0	188988.0	0.935245	Y
3	STD5 460-873907/5	5.0	5.607407	50.0	174751.0	1.121481	Y
4	STD20 460-873907/6	20.0	21.245424	50.0	205962.0	1.062271	Y
5	STD50 460-873907/7	50.0	54.027566	50.0	205906.0	1.080551	Y
6	STD200 460-873907/8	200.0	196.536404	50.0	229357.0	0.982682	Y
7	STD500 460-873907/9	500.0	465.814844	50.0	244280.0	0.93163	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

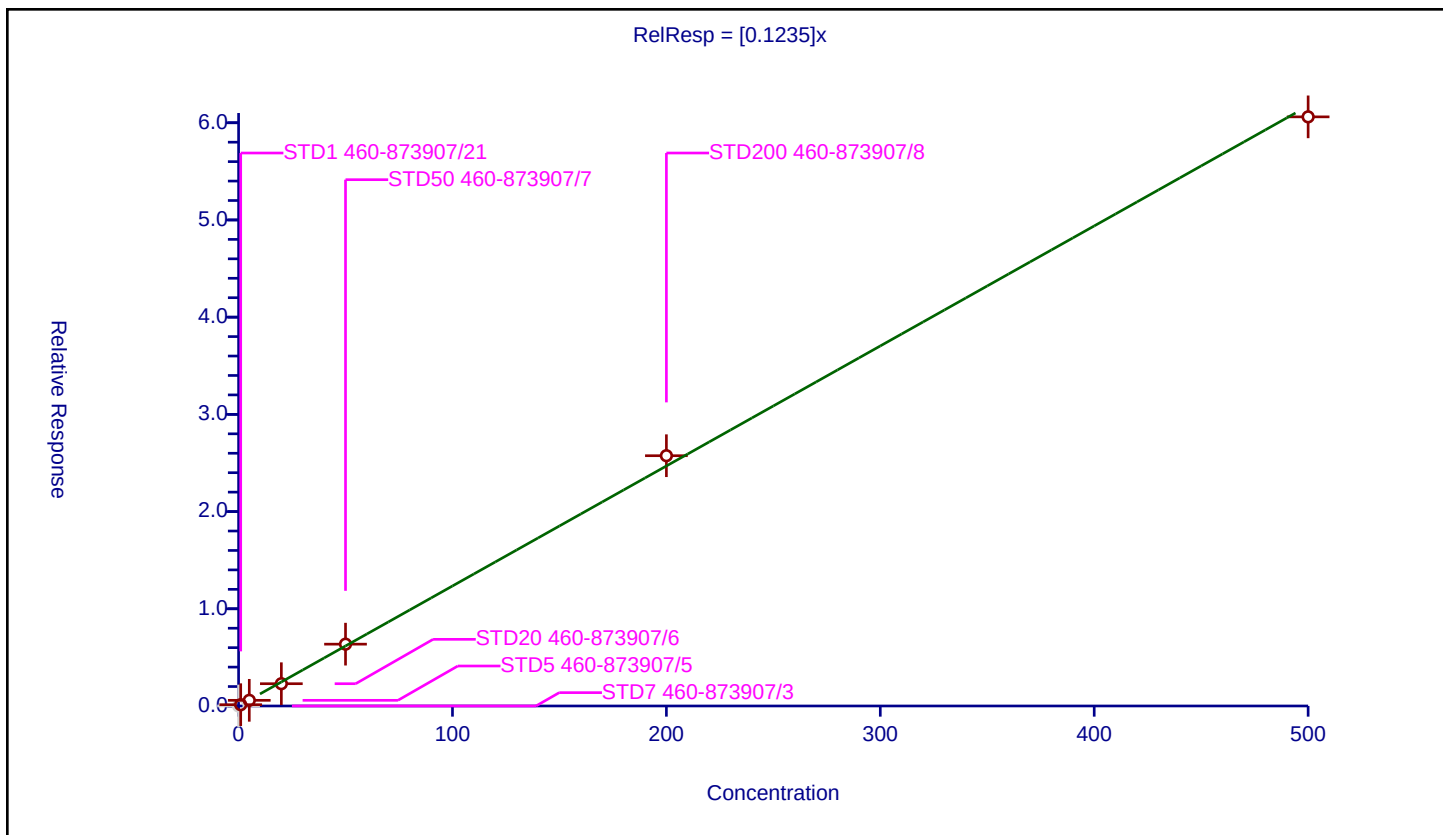
Curve Coefficients

Intercept: 0
 Slope: 0.1235

Error Coefficients

Standard Error: 143000
 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 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.132284	50.0	188988.0	0.132284	Y
3	STD5 460-873907/5	5.0	0.583974	50.0	174751.0	0.116795	Y
4	STD20 460-873907/6	20.0	2.290957	50.0	205962.0	0.114548	Y
5	STD50 460-873907/7	50.0	6.359212	50.0	205906.0	0.127184	Y
6	STD200 460-873907/8	200.0	25.746544	50.0	229357.0	0.128733	Y
7	STD500 460-873907/9	500.0	60.603611	50.0	244280.0	0.121207	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

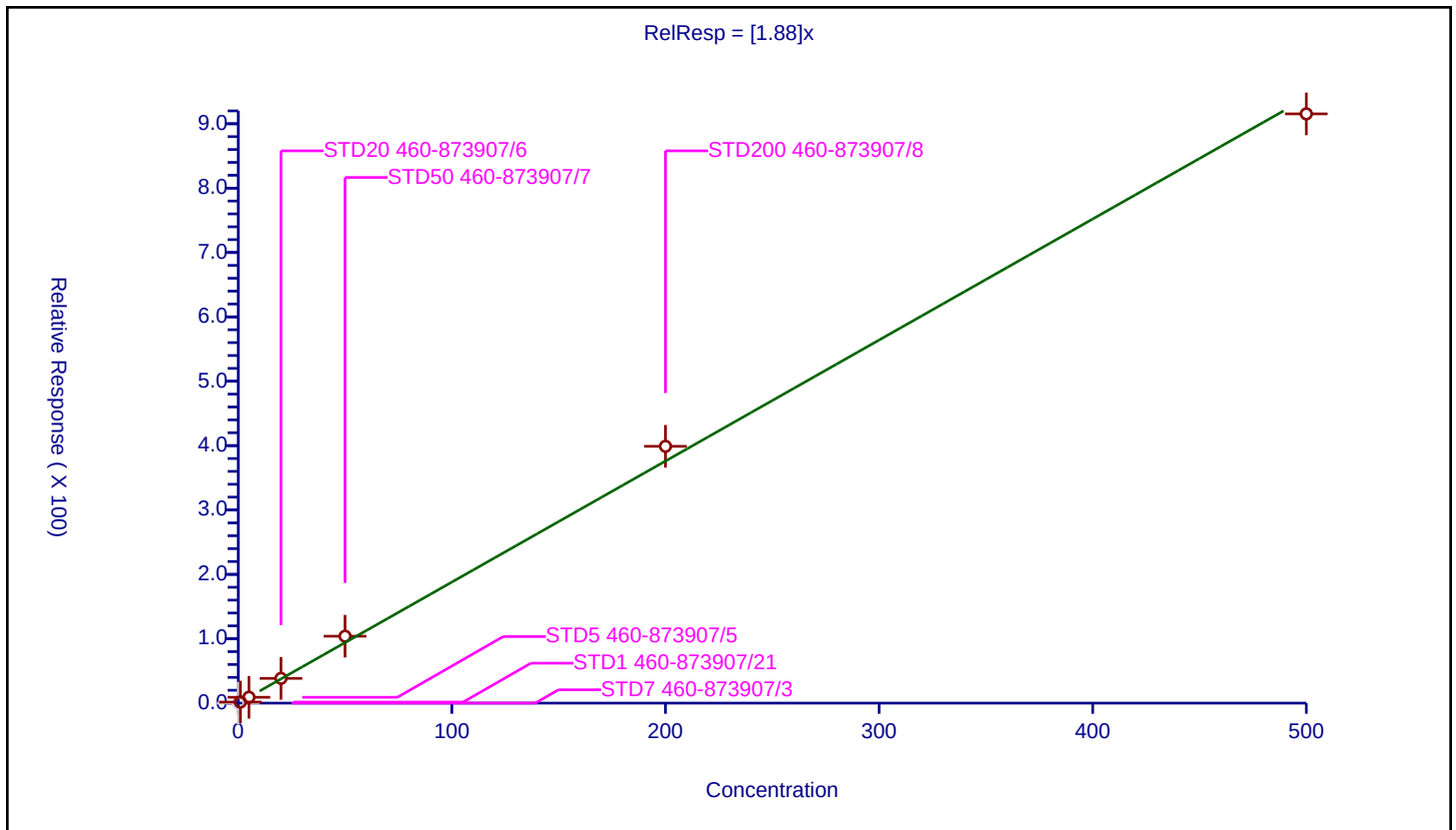
Curve Coefficients

Intercept: 0
 Slope: 1.88

Error Coefficients

Standard Error: 2170000
 Relative Standard Error: 8.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.634231	50.0	188988.0	1.634231	Y
3	STD5 460-873907/5	5.0	9.091507	50.0	174751.0	1.818301	Y
4	STD20 460-873907/6	20.0	38.47433	50.0	205962.0	1.923717	Y
5	STD50 460-873907/7	50.0	103.949132	50.0	205906.0	2.078983	Y
6	STD200 460-873907/8	200.0	398.947274	50.0	229357.0	1.994736	Y
7	STD500 460-873907/9	500.0	915.374775	50.0	244280.0	1.83075	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

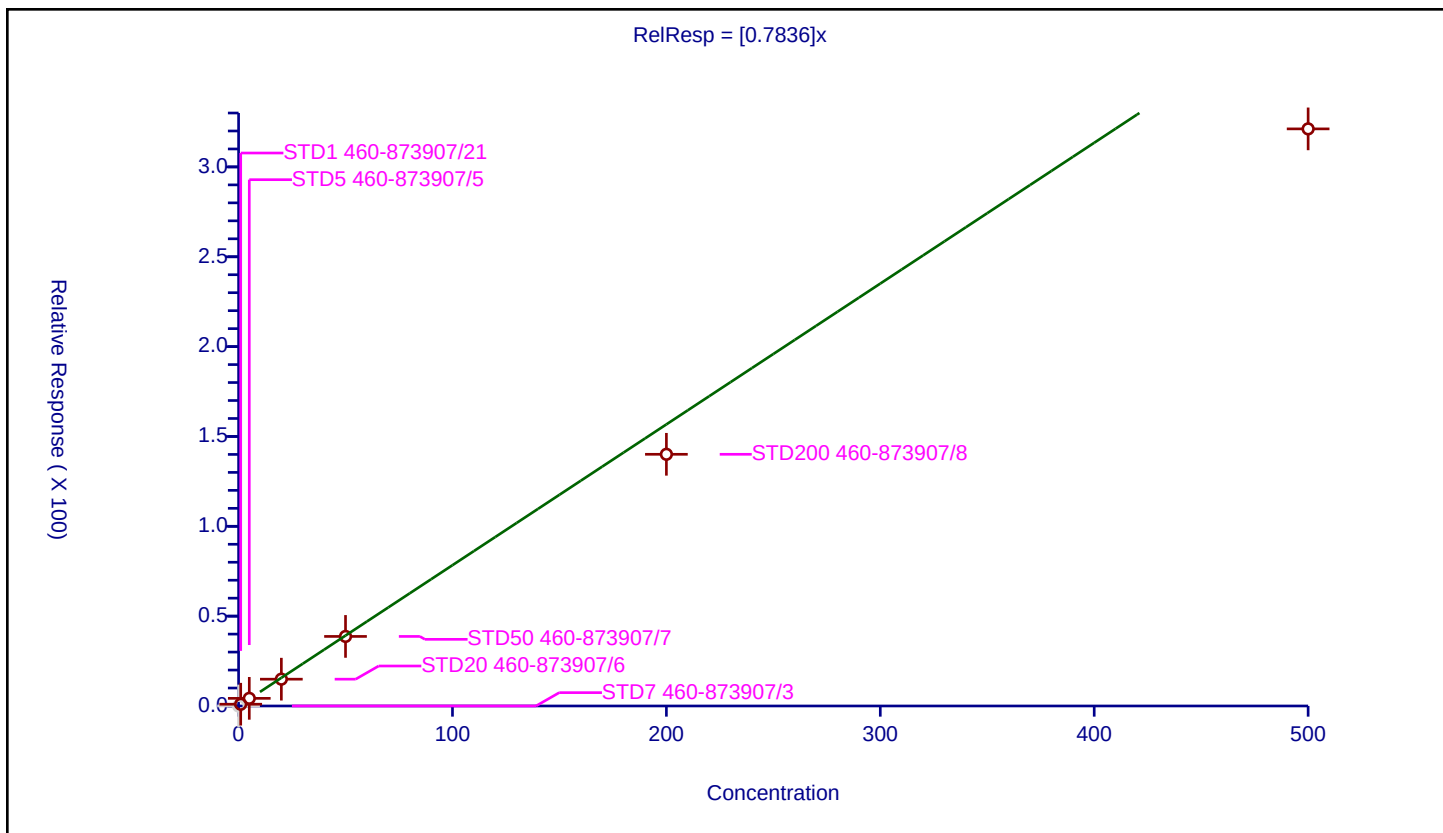
Curve Coefficients

Intercept: 0
 Slope: 0.7836

Error Coefficients

Standard Error: 762000
 Relative Standard Error: 15.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.988158	50.0	188988.0	0.988158	Y
3	STD5 460-873907/5	5.0	4.250619	50.0	174751.0	0.850124	Y
4	STD20 460-873907/6	20.0	14.927025	50.0	205962.0	0.746351	Y
5	STD50 460-873907/7	50.0	38.706983	50.0	205906.0	0.77414	Y
6	STD200 460-873907/8	200.0	140.074207	50.0	229357.0	0.700371	Y
7	STD500 460-873907/9	500.0	321.173858	50.0	244280.0	0.642348	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

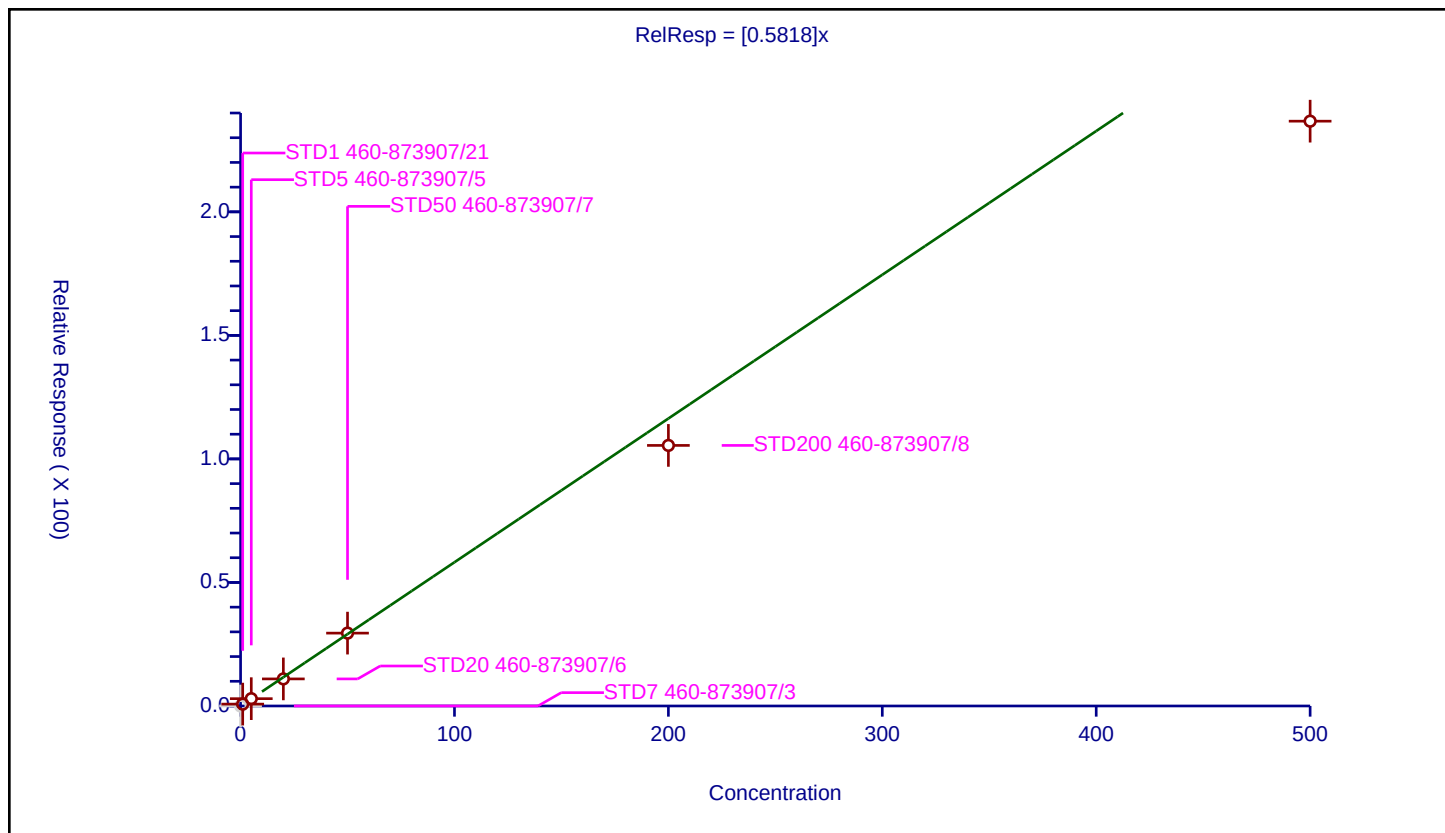
Curve Coefficients

Intercept: 0
 Slope: 0.5818

Error Coefficients

Standard Error: 563000
 Relative Standard Error: 16.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.963

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.759043	50.0	188988.0	0.759043	Y
3	STD5 460-873907/5	5.0	2.963645	50.0	174751.0	0.592729	Y
4	STD20 460-873907/6	20.0	10.962945	50.0	205962.0	0.548147	Y
5	STD50 460-873907/7	50.0	29.493798	50.0	205906.0	0.589876	Y
6	STD200 460-873907/8	200.0	105.463317	50.0	229357.0	0.527317	Y
7	STD500 460-873907/9	500.0	236.694367	50.0	244280.0	0.473389	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

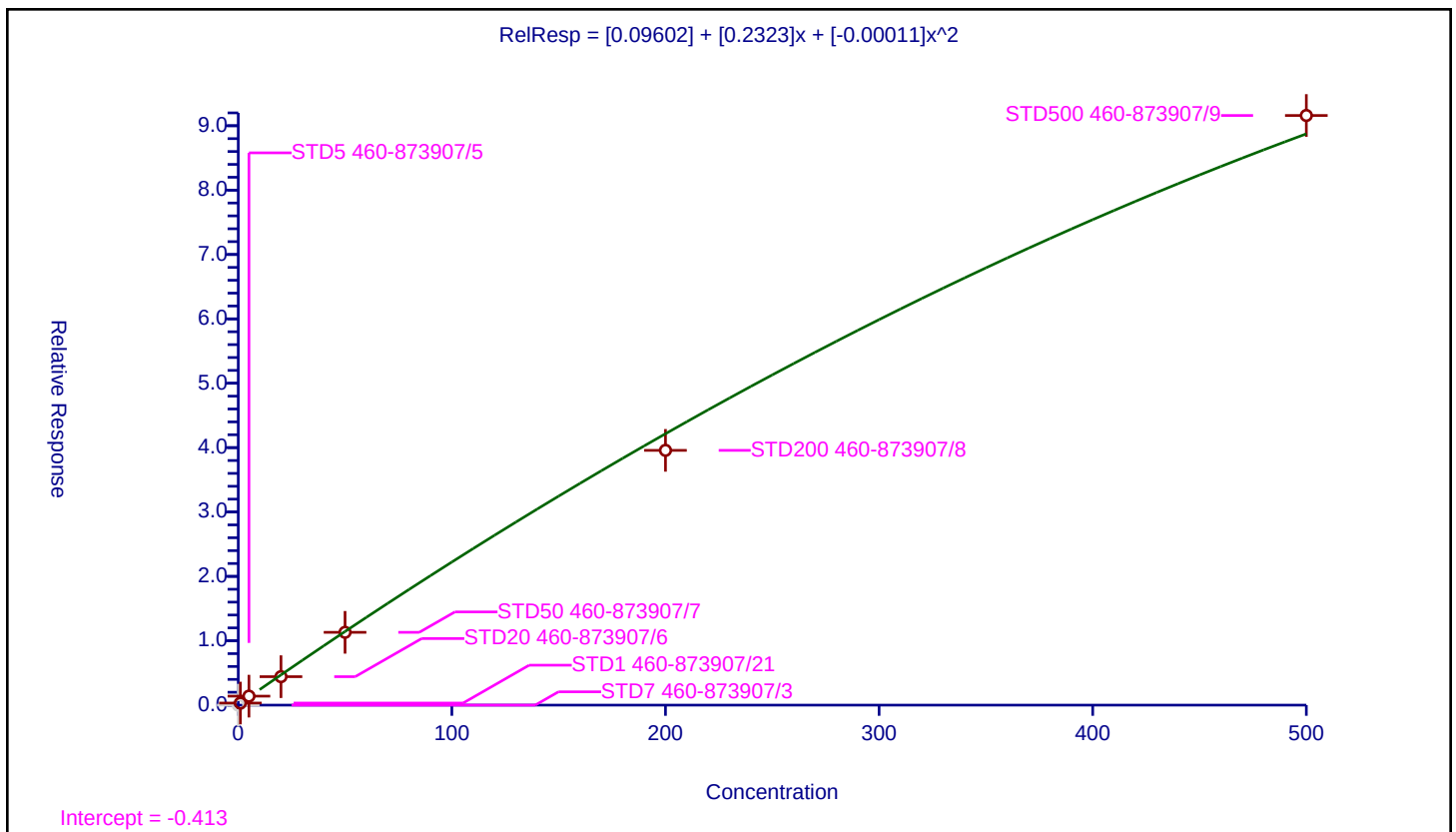
Curve Coefficients

Intercept: 0.09602
 Slope: 0.2323
 Second Order: -0.00011

Error Coefficients

Standard Error: 280000
 Relative Standard Error: 9.4
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.323301	50.0	188988.0	0.323301	Y
3	STD5 460-873907/5	5.0	1.397989	50.0	174751.0	0.279598	Y
4	STD20 460-873907/6	20.0	4.41999	50.0	205962.0	0.221	Y
5	STD50 460-873907/7	50.0	11.30783	50.0	205906.0	0.226157	Y
6	STD200 460-873907/8	200.0	39.576294	50.0	229357.0	0.197881	Y
7	STD500 460-873907/9	500.0	91.59264	50.0	244280.0	0.183185	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

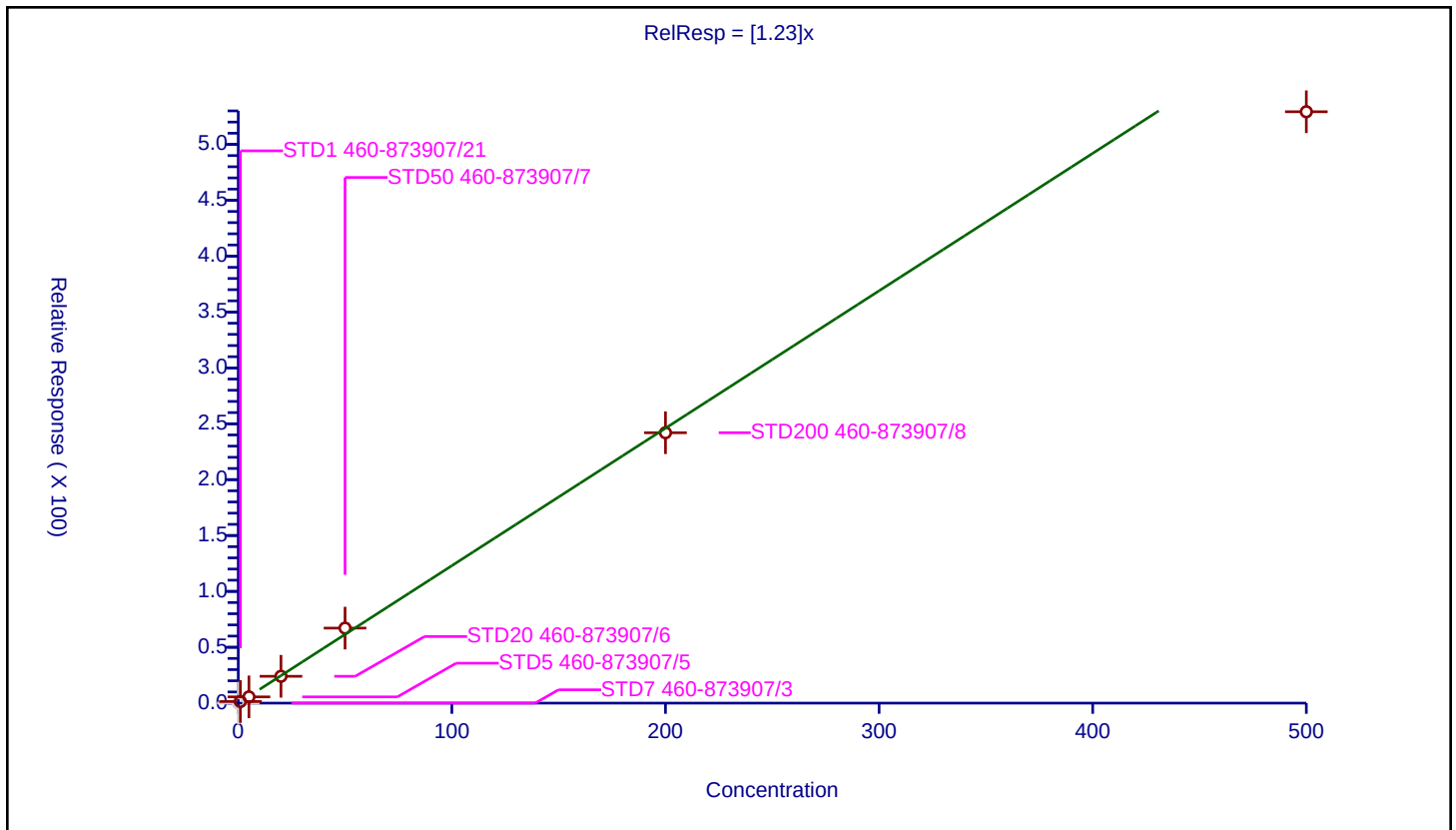
Curve Coefficients

Intercept: 0
 Slope: 1.23

Error Coefficients

Standard Error: 1260000
 Relative Standard Error: 11.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	1.450621	50.0	188988.0	1.450621	Y
3	STD5 460-873907/5	5.0	5.587379	50.0	174751.0	1.117476	Y
4	STD20 460-873907/6	20.0	24.016809	50.0	205962.0	1.20084	Y
5	STD50 460-873907/7	50.0	67.135975	50.0	205906.0	1.342719	Y
6	STD200 460-873907/8	200.0	241.969506	50.0	229357.0	1.209848	Y
7	STD500 460-873907/9	500.0	529.236122	50.0	244280.0	1.058472	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

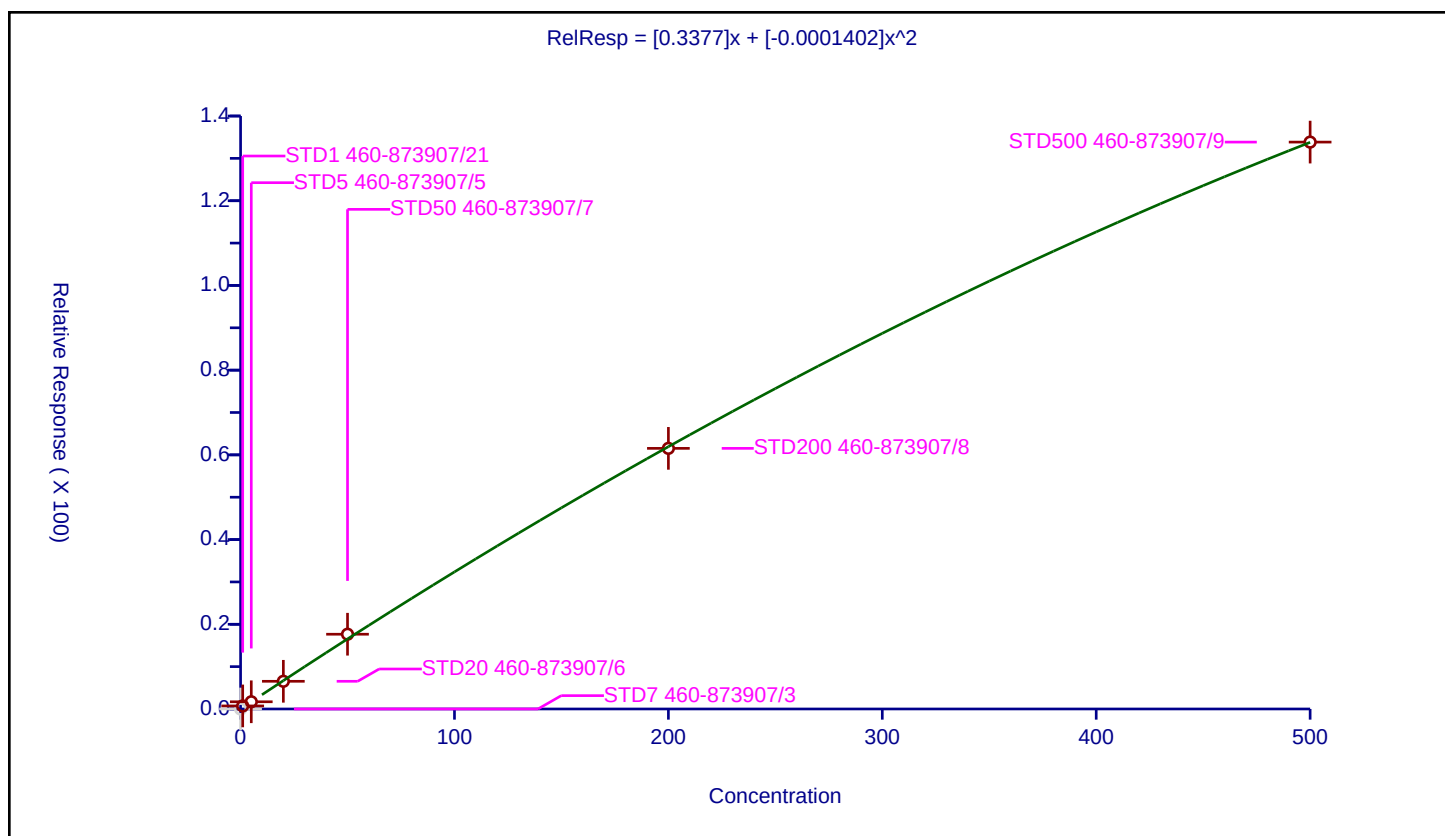
Curve Coefficients

Intercept: 0
Slope: 0.3377
Second Order: -0.0001402

Error Coefficients

Standard Error: 358000
Relative Standard Error: 57.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-873907/3	0.0	0.0	50.0	196556.0	NaN	N
2	STD1 460-873907/21	1.0	0.72121	50.0	188988.0	0.72121	Y
3	STD5 460-873907/5	5.0	1.700992	50.0	174751.0	0.340198	Y
4	STD20 460-873907/6	20.0	6.540284	50.0	205962.0	0.327014	Y
5	STD50 460-873907/7	50.0	17.65223	50.0	205906.0	0.353045	Y
6	STD200 460-873907/8	200.0	61.530714	50.0	229357.0	0.307654	Y
7	STD500 460-873907/9	500.0	133.840879	50.0	244280.0	0.267682	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: ICV 460-873907/22 Calibration Date: 10/25/2022 15:58

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57164.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	0.1554	0.0719		9.25	20.0	-53.7*	30.0
Chlorodifluoromethane	Ave	0.6492	0.6042		18.6	20.0	-6.9	30.0
Dichlorodifluoromethane	Ave	0.4337	0.3844	0.1000	17.7	20.0	-11.4	30.0
Chloromethane	Ave	1.762	1.393	0.1000	15.8	20.0	-20.9	30.0
Butadiene	Ave	0.3128	0.2936		18.8	20.0	-6.1	30.0
Vinyl chloride	Ave	0.3400	0.3871	0.1000	22.8	20.0	13.8	30.0
Bromomethane	Ave	0.2675	0.2875	0.1000	21.5	20.0	7.5	30.0
Chloroethane	Ave	0.1993	0.2067	0.1000	20.7	20.0	3.7	30.0
Dichlorofluoromethane	Ave	0.5516	0.5537		20.1	20.0	0.4	30.0
Pentane	Ave	7.613	9.209		48.4	40.0	21.0	30.0
Trichlorofluoromethane	Ave	0.4407	0.4650	0.1000	21.1	20.0	5.5	30.0
Ethanol	Ave	0.1468	0.1577		860	800	7.4	30.0
Ethyl ether	Ave	0.1518	0.1586		20.9	20.0	4.5	30.0
2-Methyl-1,3-butadiene	Ave	0.2558	0.2699		21.1	20.0	5.5	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2701	0.2680		19.8	20.0	-0.8	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4516	0.4663		20.7	20.0	3.3	30.0
Acrolein	Ave	7.604	6.170		32.5	40.1	-18.9	30.0
1,1-Dichloroethene	Ave	0.2745	0.2753	0.1000	20.1	20.0	0.3	30.0
Acetone	Ave	0.2490	0.2516	0.0500	101	100	1.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3166	0.3211	0.1000	20.3	20.0	1.4	30.0
Iodomethane	Ave	0.5341	0.5217		19.5	20.0	-2.3	30.0
Isopropyl alcohol	Ave	1.920	2.052		214	200	6.9	30.0
Carbon disulfide	Ave	1.033	1.048	0.1000	20.3	20.0	1.5	30.0
3-Chloro-1-propene	Ave	0.2189	0.1966		18.0	20.0	-10.2	30.0
Methyl acetate	Ave	7.853	8.944	0.1000	45.6	40.0	13.9	30.0
Acetonitrile	Ave	2.329	2.243		193	200	-3.7	30.0
Cyclopentene	Ave	0.6572	0.7416		22.6	20.0	12.8	30.0
Methylene Chloride	Ave	0.3327	0.3310	0.1000	19.9	20.0	-0.5	30.0
2-Methyl-2-propanol	Ave	3.986	4.032		202	200	1.2	30.0
Acrylonitrile	Ave	17.95	19.19		214	200	6.9	30.0
trans-1,2-Dichloroethene	Ave	0.3057	0.3052	0.1000	20.0	20.0	-0.2	30.0
Methyl tert-butyl ether	Ave	0.8271	0.7922	0.1000	19.2	20.0	-4.2	30.0
Hexane	Ave	0.1437	0.1373		19.1	20.0	-4.4	30.0
1,1-Dichloroethane	Ave	0.5306	0.5145	0.2000	19.4	20.0	-3.0	30.0
Vinyl acetate	Ave	0.5878	0.4698		32.0	40.0	-20.1	30.0
Isopropyl ether	Ave	0.8648	0.8838		20.4	20.0	2.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2755	0.2881		20.9	20.0	4.6	30.0
Tert-butyl ethyl ether	Ave	0.8372	0.9334		22.3	20.0	11.5	30.0
cis-1,2-Dichloroethene	Ave	0.3374	0.3330	0.1000	19.7	20.0	-1.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: ICV 460-873907/22 Calibration Date: 10/25/2022 15:58

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57164.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	0.1494	0.1276		17.1	20.0	-14.6	30.0
2-Butanone (MEK)	Ave	0.3301	0.3297	0.0500	99.9	100	-0.1	30.0
Propionitrile	Ave	6.444	7.124		221	200	10.5	30.0
Ethyl acetate	Ave	0.3136	0.2829		36.1	40.0	-9.8	30.0
Methyl acrylate	Ave	0.3121	0.2891		18.5	20.0	-7.4	30.0
Methacrylonitrile	Ave	0.1185	0.1173		198	200	-1.0	30.0
Chlorobromomethane	Ave	0.1642	0.1636		19.9	20.0	-0.4	30.0
Tetrahydrofuran	Ave	0.4027	0.3963		39.4	40.0	-1.6	30.0
Chloroform	Ave	0.5143	0.5101	0.2000	19.8	20.0	-0.8	30.0
1,1,1-Trichloroethane	Ave	0.4278	0.4300	0.1000	20.1	20.0	0.5	30.0
Cyclohexane	Ave	0.4129	0.4403	0.1000	21.3	20.0	6.7	30.0
1,1-Dichloropropene	Ave	0.3908	0.3891		19.9	20.0	-0.4	30.0
Carbon tetrachloride	Ave	0.3570	0.3498	0.1000	19.6	20.0	-2.0	30.0
Isobutyl alcohol	Ave	1.507	1.281		425	500	-15.0	30.0
Benzene	Ave	1.580	1.618	0.5000	20.5	20.0	2.4	30.0
1,2-Dichloroethane	Ave	0.3852	0.3597	0.1000	18.7	20.0	-6.6	30.0
Isooctane	Ave	0.5458	0.5512		20.2	20.0	1.0	30.0
Isopropyl acetate	Ave	0.0982	0.0916		18.7	20.0	-6.7	30.0
Tert-amyl methyl ether	Ave	0.8269	0.8161		19.7	20.0	-1.3	30.0
n-Heptane	QuaF		0.1475		24.6	20.0	22.9	30.0
n-Butanol	Ave	0.8323	0.7389		444	500	-11.2	30.0
Trichloroethene	Ave	0.2918	0.2999	0.2000	20.6	20.0	2.8	30.0
Ethyl acrylate	QuaF		0.0211		15.7	20.0	-21.3	30.0
Methylcyclohexane	Ave	0.3783	0.3953	0.1000	20.9	20.0	4.5	30.0
1,2-Dichloropropane	Ave	0.2957	0.2852	0.1000	19.3	20.0	-3.5	30.0
Dibromomethane	Ave	0.1899	0.1794		18.9	20.0	-5.5	30.0
Methyl methacrylate	Ave	0.0686	0.0679		39.6	40.0	-1.0	30.0
1,4-Dioxane	Ave	1.172	1.063		363	400	-9.2	30.0
n-Propyl acetate	Ave	0.3444	0.3166		18.4	20.0	-8.1	30.0
Dichlorobromomethane	Ave	0.3571	0.3589	0.2000	20.1	20.0	0.5	30.0
2-Nitropropane	Ave	7.731	7.573		39.2	40.0	-2.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1940	0.1609		16.6	20.0	-17.1	30.0
Epichlorohydrin	Ave	0.2732	0.2735		20.0	20.0	0.1	30.0
cis-1,3-Dichloropropene	Ave	0.6087	0.5808	0.2000	19.1	20.0	-4.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.446	2.552	0.0500	104	100	4.4	30.0
Toluene	Ave	1.593	1.606	0.4000	20.2	20.0	0.9	30.0
trans-1,3-Dichloropropene	Ave	0.5265	0.5118	0.1000	19.4	20.0	-2.8	30.0
Ethyl methacrylate	Ave	0.3277	0.2855		17.4	20.0	-12.9	30.0
1,1,2-Trichloroethane	Ave	0.2901	0.3022	0.1000	20.8	20.0	4.2	30.0
Tetrachloroethene	Ave	0.3510	0.3683	0.2000	21.0	20.0	4.9	30.0
1,3-Dichloropropane	Ave	0.5746	0.5843		20.3	20.0	1.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: ICV 460-873907/22 Calibration Date: 10/25/2022 15:58

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57164.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	0.9487	0.9721	0.0500	102	100	2.5	30.0
Chlorodibromomethane	Ave	0.3499	0.3469	0.1000	19.8	20.0	-0.9	30.0
n-Butyl acetate	Ave	0.4852	0.4669		19.2	20.0	-3.8	30.0
Ethylene Dibromide	Ave	0.3601	0.3664	0.1000	20.4	20.0	1.8	30.0
Chlorobenzene	Ave	1.054	1.054	0.5000	20.0	20.0	-0.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3603	0.3693		20.5	20.0	2.5	30.0
Ethylbenzene	Ave	0.5338	0.5447	0.1000	20.4	20.0	2.0	30.0
m-Xylene & p-Xylene	Ave	0.6651	0.6737	0.1000	20.3	20.0	1.3	30.0
o-Xylene	Ave	0.6575	0.6825	0.3000	20.8	20.0	3.8	30.0
Styrene	Ave	1.051	1.046	0.3000	19.9	20.0	-0.5	30.0
n-Butyl acrylate	Ave	0.2760	0.2739		19.8	20.0	-0.8	30.0
Bromoform	Ave	0.3872	0.3603	0.1000	18.6	20.0	-6.9	30.0
Amyl acetate (mixed isomers)	Ave	0.9902	0.9354		18.9	20.0	-5.5	30.0
Isopropylbenzene	Ave	1.538	1.668	0.1000	21.7	20.0	8.5	30.0
Bromobenzene	Ave	0.7776	0.7621		19.6	20.0	-2.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8386	0.8025	0.3000	19.1	20.0	-4.3	30.0
1,2,3-Trichloropropane	Ave	0.2370	0.2361		19.9	20.0	-0.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2065	0.1895		18.4	20.0	-8.2	30.0
N-Propylbenzene	Ave	3.084	3.059		19.8	20.0	-0.8	30.0
2-Chlorotoluene	Ave	2.042	2.034		19.9	20.0	-0.4	30.0
4-Ethyltoluene	Ave	2.611	2.675		20.5	20.0	2.4	30.0
4-Chlorotoluene	Ave	2.339	2.388		20.4	20.0	2.1	30.0
1,3,5-Trimethylbenzene	Ave	2.242	2.302		20.5	20.0	2.7	30.0
Butyl Methacrylate	Ave	0.7972	0.7937		19.9	20.0	-0.4	30.0
tert-Butylbenzene	Ave	1.709	1.793		21.0	20.0	4.9	30.0
1,2,4-Trimethylbenzene	Ave	2.362	2.434		20.6	20.0	3.0	30.0
sec-Butylbenzene	Ave	2.396	2.538		21.2	20.0	5.9	30.0
1,3-Dichlorobenzene	Ave	1.399	1.404	0.6000	20.1	20.0	0.4	30.0
1,4-Dichlorobenzene	Ave	1.500	1.453	0.5000	19.4	20.0	-3.1	30.0
4-Isopropyltoluene	Ave	2.136	2.193		20.5	20.0	2.7	30.0
1,2,3-Trimethylbenzene	Ave	2.565	2.685		20.9	20.0	4.7	30.0
Benzyl chloride	Ave	0.2703	0.2217		16.4	20.0	-18.0	30.0
Indan	Ave	2.543	2.628		20.7	20.0	3.4	30.0
1,2-Dichlorobenzene	Ave	1.351	1.376	0.4000	20.4	20.0	1.9	30.0
p-Diethylbenzene	Ave	1.185	1.352		22.8	20.0	14.1	30.0
n-Butylbenzene	Ave	1.019	1.059		20.8	20.0	3.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1235	0.1089	0.0500	17.6	20.0	-11.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.880	1.960		20.8	20.0	4.2	30.0
1,3,5-Trichlorobenzene	Ave	0.7836	0.7825		20.0	20.0	-0.1	30.0
1,2,4-Trichlorobenzene	Ave	0.5818	0.5447	0.2000	18.7	20.0	-6.4	30.0
Hexachlorobutadiene	Qua2		0.2389		20.3	20.0	1.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Lab Sample ID: ICV 460-873907/22 Calibration Date: 10/25/2022 15:58
 Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20
 Lab File ID: N57164.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	1.230	1.082		17.6	20.0	-12.0	30.0
1,2,3-Trichlorobenzene	QuaF		0.3134		18.7	20.0	-6.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2343	0.2390		51.0	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2518	0.2502		49.7	50.0	-0.7	30.0
Toluene-d8 (Surr)	Ave	1.191	1.243		52.2	50.0	4.4	30.0
4-Bromofluorobenzene	Ave	0.3793	0.3978		52.4	50.0	4.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 25-Oct-2022 15:58:30 ALS Bottle#: 40 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0152213-022
 Operator ID: Instrument ID: CVOAMS11
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 26-Oct-2022 19:41:39 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1607

First Level Reviewer: W9CM

Date: 25-Oct-2022 16:37:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.864	0.006	53	13237	20.0	9.25	
6 Chlorodifluoromethane	51	0.882	0.882	0.000	94	111285	20.0	18.6	a
5 Dichlorodifluoromethane	85	0.888	0.888	0.000	54	70804	20.0	17.7	
7 Chloromethane	52	0.997	0.991	0.006	99	23192	20.0	15.8	
9 Butadiene	54	1.040	1.040	0.000	96	54073	20.0	18.8	
8 Vinyl chloride	62	1.052	1.046	0.006	82	71290	20.0	22.8	
10 Bromomethane	94	1.210	1.210	0.000	99	52951	20.0	21.5	
11 Chloroethane	64	1.241	1.241	0.000	99	38077	20.0	20.7	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	99	101975	20.0	20.1	
14 Pentane	72	1.381	1.381	0.000	96	17691	40.0	48.4	
13 Trichlorofluoromethane	101	1.387	1.393	-0.006	41	85641	20.0	21.1	M
16 Ethyl ether	74	1.496	1.490	0.006	92	29206	20.0	20.9	
15 Ethanol	46	1.490	1.508	-0.018	68	6060	800.0	859.6	M
17 2-Methyl-1,3-butadiene	53	1.508	1.508	0.000	88	49705	20.0	21.1	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.527	1.527	0.000	83	49364	20.0	19.8	M
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.563	-0.006	94	85889	20.0	20.7	a
20 Acrolein	56	1.563	1.563	0.000	36	11869	40.1	32.5	
22 1,1-Dichloroethene	96	1.630	1.630	0.000	97	50714	20.0	20.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.661	1.660	0.001	95	59136	20.0	20.3	
23 Acetone	58	1.648	1.660	-0.012	88	20942	100.0	101.0	
24 Iodomethane	142	1.715	1.715	0.000	97	96098	20.0	19.5	
25 Isopropyl alcohol	45	1.734	1.746	-0.012	25	19711	200.0	213.7	a
26 Carbon disulfide	76	1.752	1.752	0.000	98	193074	20.0	20.3	
27 3-Chloro-1-propene	76	1.825	1.825	0.000	93	36217	20.0	18.0	
28 Methyl acetate	74	1.843	1.843	0.000	99	17183	40.0	45.6	
30 Acetonitrile	41	1.873	1.861	0.012	24	21548	200.0	192.6	a
29 Cyclopentene	67	1.880	1.873	0.007	91	136595	20.0	22.6	
32 Methylene Chloride	84	1.904	1.898	0.006	90	60965	20.0	19.9	
* 31 TBA-d9 (IS)	46	1.940	1.934	0.006	70	48028	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.983	1.983	0.000	33	38731	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
36 Acrylonitrile	53	2.044	2.044	0.000	94	184337	200.0	213.9	
35 trans-1,2-Dichloroethene	96	2.062	2.062	0.000	93	56212	20.0	20.0	
34 Methyl tert-butyl ether	73	2.086	2.086	0.000	97	145913	20.0	19.2	
37 Hexane	56	2.232	2.232	0.000	92	25292	20.0	19.1	
39 1,1-Dichloroethane	63	2.324	2.330	-0.006	99	94764	20.0	19.4	
40 Vinyl acetate	86	2.354	2.360	-0.006	100	15640	40.0	32.0	a
38 Isopropyl ether	45	2.384	2.391	-0.007	85	162776	20.0	20.4	
41 2-Chloro-1,3-butadiene	88	2.391	2.391	0.000	82	53067	20.0	20.9	
42 Tert-butyl ethyl ether	59	2.634	2.640	-0.006	90	171911	20.0	22.3	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	97	208068	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	97	61330	20.0	19.7	
44 2,2-Dichloropropane	79	2.737	2.725	0.012	77	23494	20.0	17.1	a
46 2-Butanone (MEK)	72	2.743	2.737	0.006	97	27438	100.0	99.9	
47 Ethyl acetate	70	2.786	2.780	0.006	99	9419	40.0	36.1	
49 Propionitrile	54	2.780	2.780	0.000	95	68431	200.0	221.1	a
48 Methyl acrylate	55	2.810	2.810	0.000	99	53251	20.0	18.5	
52 Methacrylonitrile	67	2.889	2.889	0.000	89	216062	200.0	198.0	
51 Chlorobromomethane	128	2.896	2.889	0.007	50	30125	20.0	19.9	
50 Tetrahydrofuran	72	2.944	2.938	0.006	75	13194	40.0	39.4	
53 Chloroform	83	2.956	2.956	0.000	99	93955	20.0	19.8	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	110041	50.0	51.0	
55 1,1,1-Trichloroethane	97	3.096	3.102	-0.006	98	79206	20.0	20.1	
54 Cyclohexane	84	3.139	3.151	-0.012	88	81101	20.0	21.3	
58 1,1-Dichloropropene	75	3.218	3.218	0.000	98	71662	20.0	19.9	
57 Carbon tetrachloride	117	3.224	3.218	0.006	98	64419	20.0	19.6	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.333	0.001	81	115204	50.0	49.7	
59 Isobutyl alcohol	43	3.352	3.346	0.006	94	30764	500.0	425.0	
61 Benzene	78	3.382	3.382	0.000	94	216663	20.0	20.5	
65 1,2-Dichloroethane	62	3.394	3.394	0.000	97	66248	20.0	18.7	
60 Isooctane	57	3.461	3.461	0.000	95	101520	20.0	20.2	
64 Isopropyl acetate	61	3.467	3.473	-0.006	97	16864	20.0	18.7	a
63 Tert-amyl methyl ether	73	3.492	3.498	-0.006	99	150320	20.0	19.7	
* 67 Fluorobenzene	96	3.607	3.613	-0.006	99	460461	50.0	50.0	
66 n-Heptane	71	3.619	3.619	0.000	89	27168	20.0	24.6	
68 n-Butanol	56	3.918	3.911	0.007	91	17744	500.0	443.9	
69 Trichloroethene	95	3.924	3.924	0.000	99	55232	20.0	20.6	
70 Ethyl acrylate	99	4.064	4.057	0.007	97	3878	20.0	15.7	Ma
71 Methylcyclohexane	83	4.100	4.100	0.000	87	72805	20.0	20.9	
72 1,2-Dichloropropane	63	4.124	4.124	0.000	93	52524	20.0	19.3	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	45	19102	1000.0	1000.0	a
76 Dibromomethane	93	4.228	4.228	0.000	98	33042	20.0	18.9	
74 Methyl methacrylate	100	4.264	4.264	0.000	86	25014	40.0	39.6	
75 1,4-Dioxane	88	4.270	4.283	-0.013	29	8125	400.0	363.1	
77 n-Propyl acetate	43	4.337	4.337	0.000	98	58305	20.0	18.4	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	66107	20.0	20.1	
79 2-Nitropropane	41	4.611	4.611	0.000	97	14549	40.0	39.2	
80 2-Chloroethyl vinyl ether	63	4.702	4.708	-0.006	96	29627	20.0	16.6	
81 Epichlorohydrin	57	4.745	4.751	-0.006	89	4553	20.0	20.0	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	77783	20.0	19.1	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.019	0.000	95	212430	100.0	104.4	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	416191	50.0	52.2	
85 Toluene	91	5.165	5.165	0.000	94	215134	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	96	68543	20.0	19.4	
87 Ethyl methacrylate	69	5.566	5.566	0.000	89	52581	20.0	17.4	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	96	40469	20.0	20.8	
89 Tetrachloroethene	166	5.749	5.749	0.000	96	49318	20.0	21.0	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	91	78245	20.0	20.3	
91 2-Hexanone	58	5.931	5.931	0.000	95	80901	100.0	102.5	
93 Chlorodibromomethane	129	6.029	6.035	-0.006	97	46458	20.0	19.8	
92 n-Butyl acetate	43	6.114	6.114	0.000	98	62530	20.0	19.2	
94 Ethylene Dibromide	107	6.138	6.138	0.000	96	49074	20.0	20.4	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	334799	50.0	50.0	
96 Chlorobenzene	112	6.728	6.734	-0.006	96	141129	20.0	20.0	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.850	0.000	94	49463	20.0	20.5	
97 Ethylbenzene	106	6.892	6.892	0.000	98	72949	20.0	20.4	
99 m-Xylene & p-Xylene	106	7.045	7.044	0.000	98	90223	20.0	20.3	
100 o-Xylene	106	7.525	7.525	0.000	95	91401	20.0	20.8	
102 Styrene	104	7.549	7.549	0.000	95	140014	20.0	19.9	
101 n-Butyl acrylate	73	7.586	7.586	0.000	97	36679	20.0	19.8	
104 Bromoform	173	7.744	7.744	0.000	96	28331	20.0	18.6	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	92	73543	20.0	18.9	
105 Isopropylbenzene	105	8.018	8.024	-0.006	96	223367	20.0	21.7	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	89	133192	50.0	52.4	
107 Bromobenzene	156	8.346	8.346	0.000	98	59921	20.0	19.6	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	99	63097	20.0	19.1	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	98	18565	20.0	19.9	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.517	-0.006	91	14898	20.0	18.4	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	240507	20.0	19.8	
112 2-Chlorotoluene	91	8.626	8.626	0.000	97	159949	20.0	19.9	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	210286	20.0	20.5	
115 4-Chlorotoluene	91	8.778	8.778	0.000	97	187726	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	93	180963	20.0	20.5	
116 Butyl Methacrylate	87	9.034	9.034	0.000	89	62402	20.0	19.9	
117 tert-Butylbenzene	119	9.229	9.228	0.000	94	140945	20.0	21.0	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	191337	20.0	20.6	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	199523	20.0	21.2	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	96	110396	20.0	20.1	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	196560	50.0	50.0	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	172447	20.0	20.5	
123 1,4-Dichlorobenzene	146	9.673	9.679	-0.006	94	114221	20.0	19.4	
124 1,2,3-Trimethylbenzene	105	9.758	9.758	0.000	99	211097	20.0	20.9	
125 Benzyl chloride	126	9.843	9.849	-0.006	99	17431	20.0	16.4	
126 2,3-Dihydroindene	117	9.946	9.946	0.000	95	206660	20.0	20.7	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	95	108212	20.0	20.4	
127 p-Diethylbenzene	119	10.086	10.092	-0.006	92	106333	20.0	22.8	
128 n-Butylbenzene	92	10.111	10.111	0.000	97	83237	20.0	20.8	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.810	0.000	94	8559	20.0	17.6	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	97	154101	20.0	20.8	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	61527	20.0	20.0	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	42825	20.0	18.7	
134 Hexachlorobutadiene	225	11.662	11.662	0.000	96	18782	20.0	20.3	
135 Naphthalene	128	11.686	11.686	0.000	99	85066	20.0	17.6	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	96	24640	20.0	18.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.7	

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	41.0	
S 139 Total BTEX	1				0		100.0	102.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00485	Amount Added: 20.00	Units: uL	
8260 SP_00159	Amount Added: 20.00	Units: uL	
8FreonsSS_00050	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00142	Amount Added: 4.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: ICV

Worklist Smp#: 22

Client ID:

Purge Vol: 5.000 mL

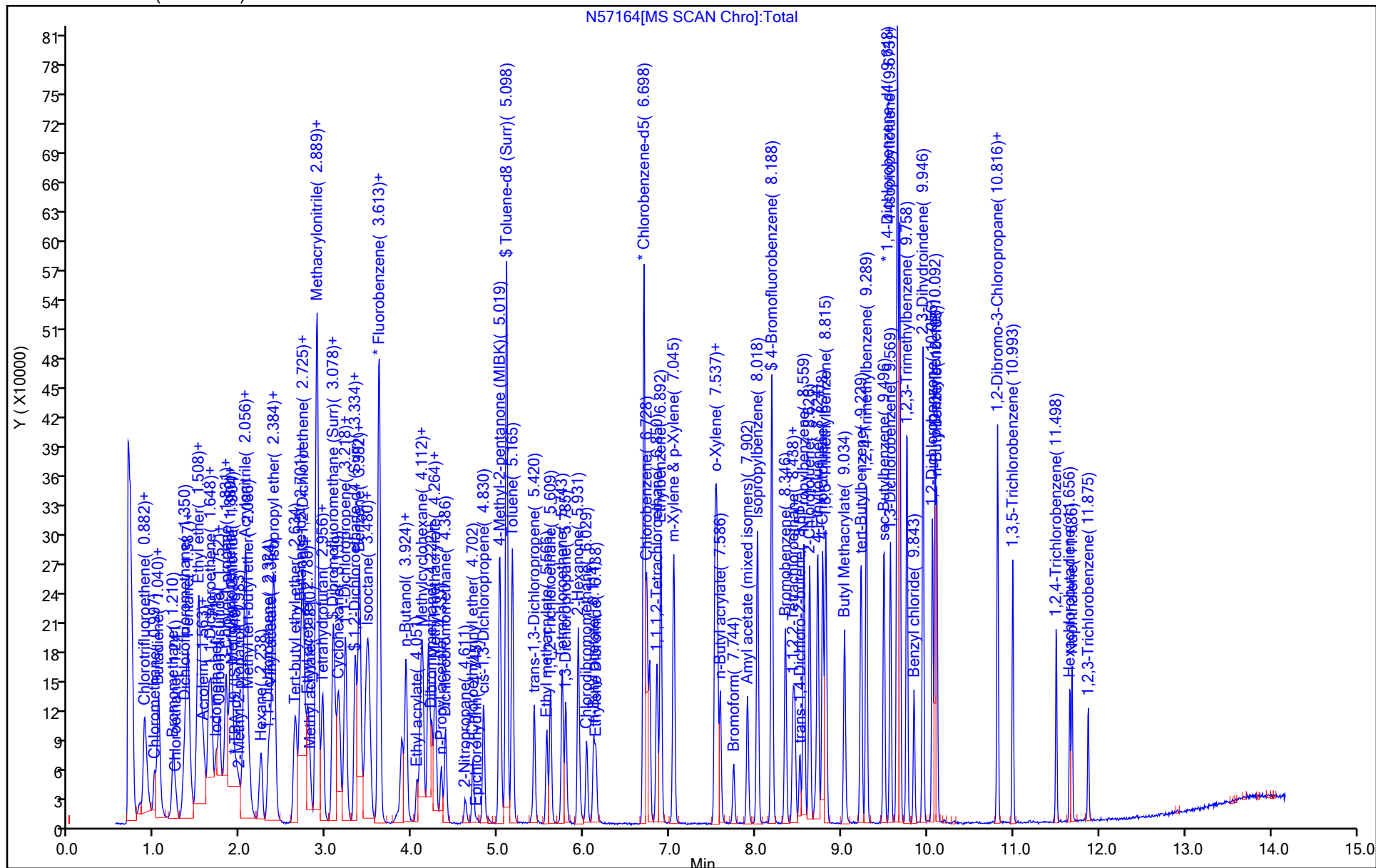
Dil. Factor: 1.0000

ALS Bottle#: 40

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

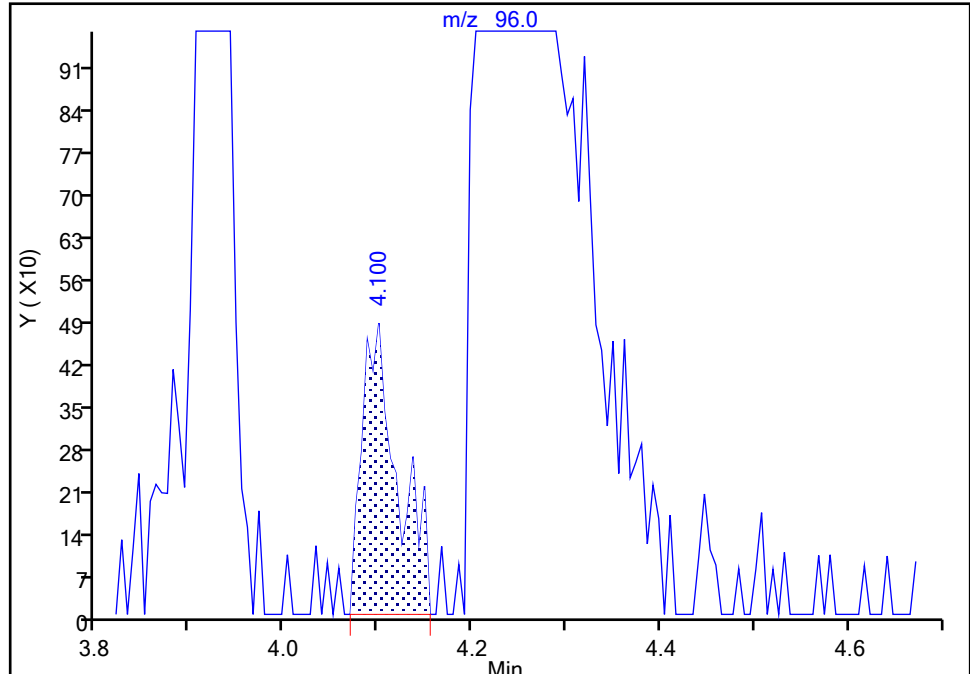
MS SCAN

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

Signal: 1

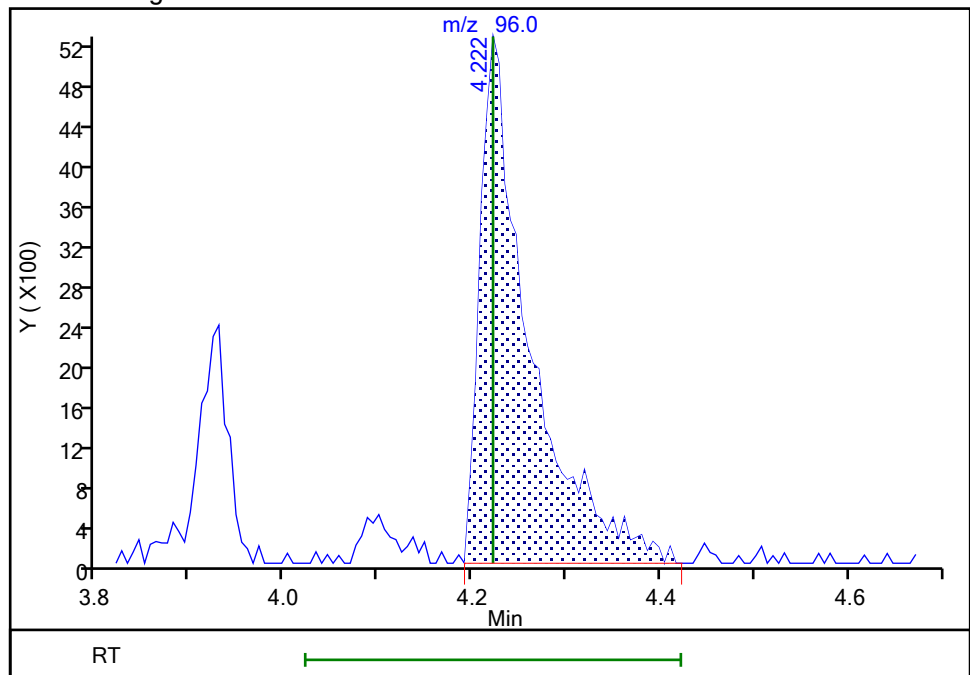
RT: 4.10
Area: 1269
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 19102
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:32:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

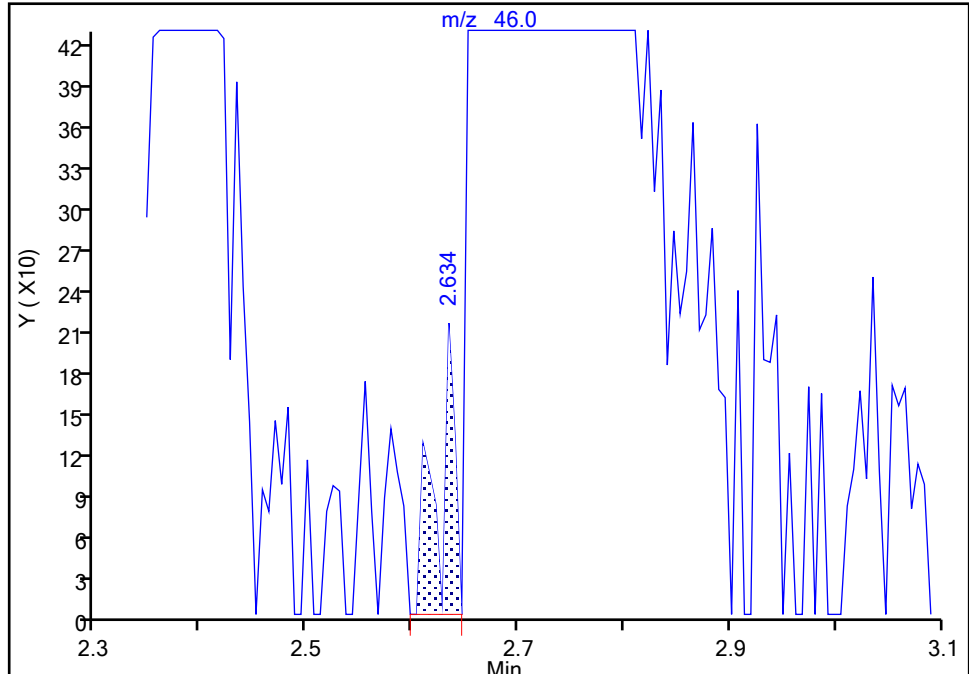
MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

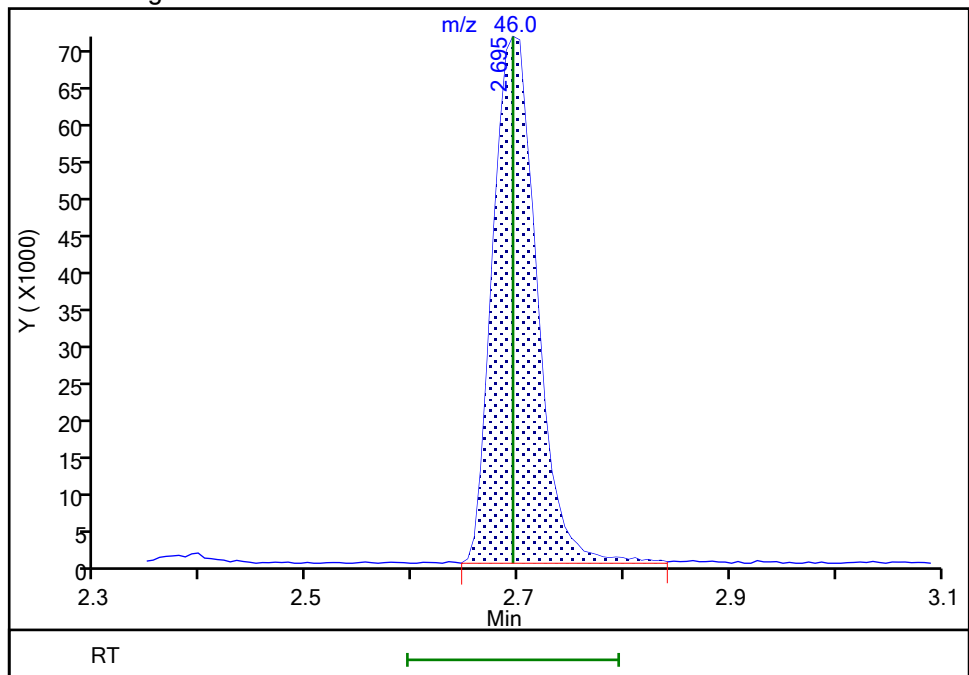
RT: 2.63
Area: 239
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 208068
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:32:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

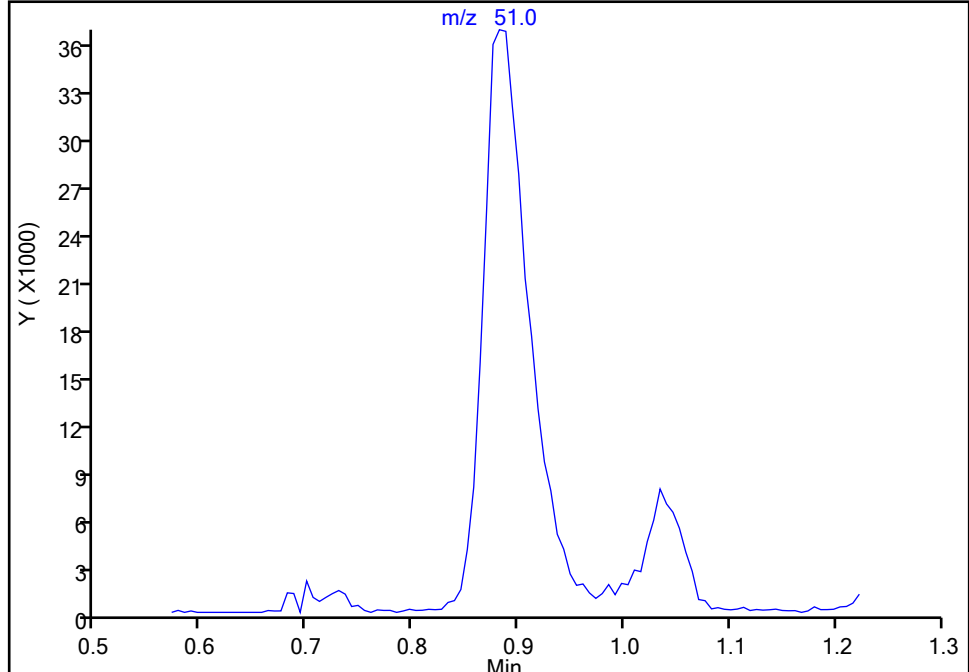
6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

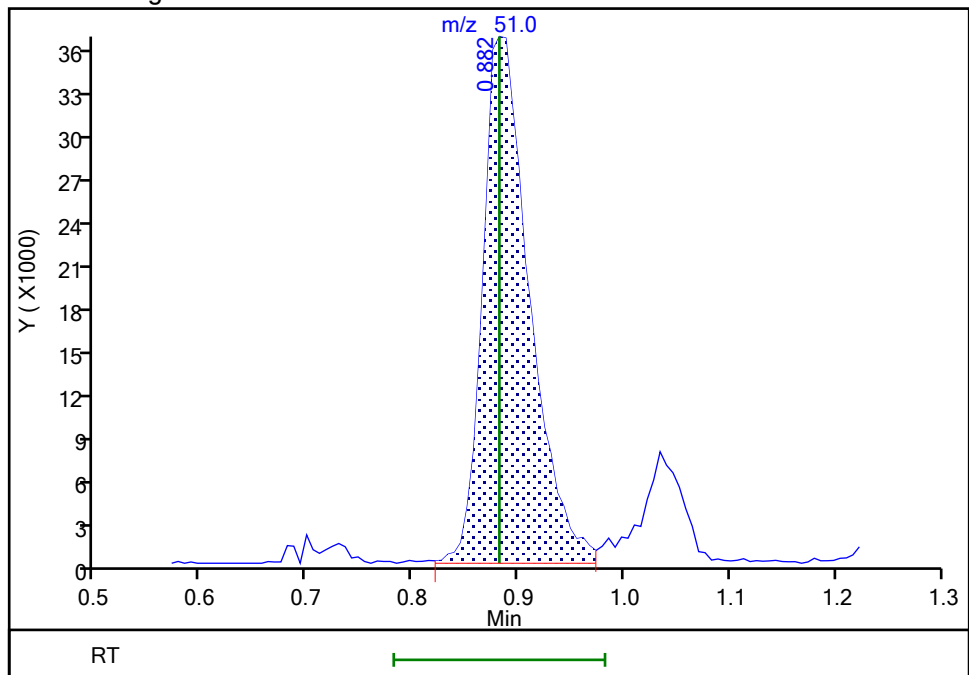
Not Detected

Expected RT: 0.88

Processing Integration Results



Manual Integration Results



RT: 0.88
Area: 111285
Amount: 18.614411
Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:33:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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)

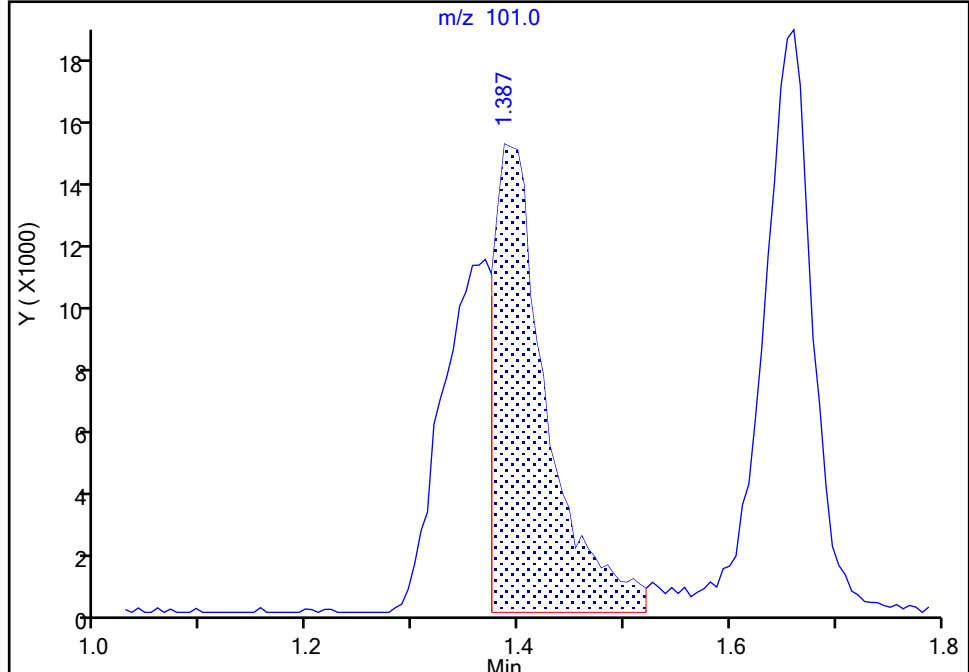
Detector: MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

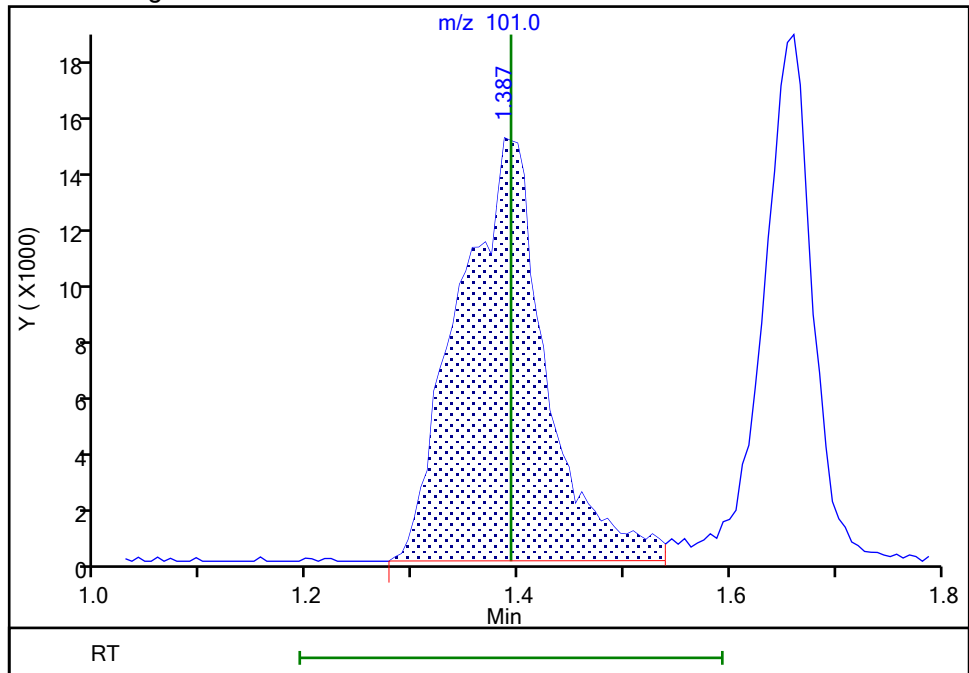
RT: 1.39
Area: 51934
Amount: 12.796068
Amount Units: ug/l

Processing Integration Results



RT: 1.39
Area: 85641
Amount: 21.101169
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:33:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

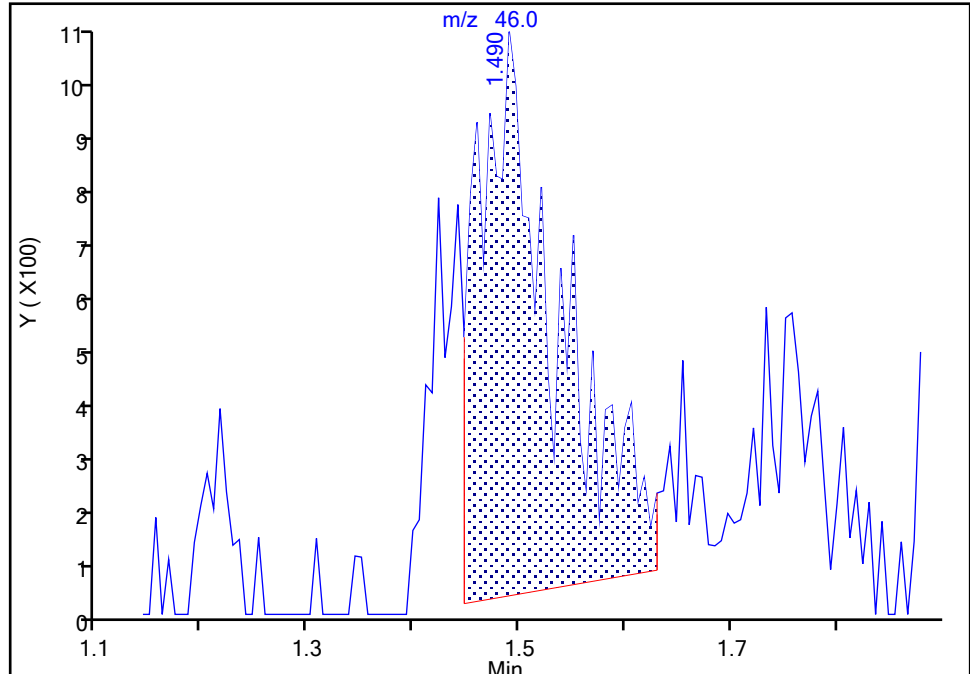
MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

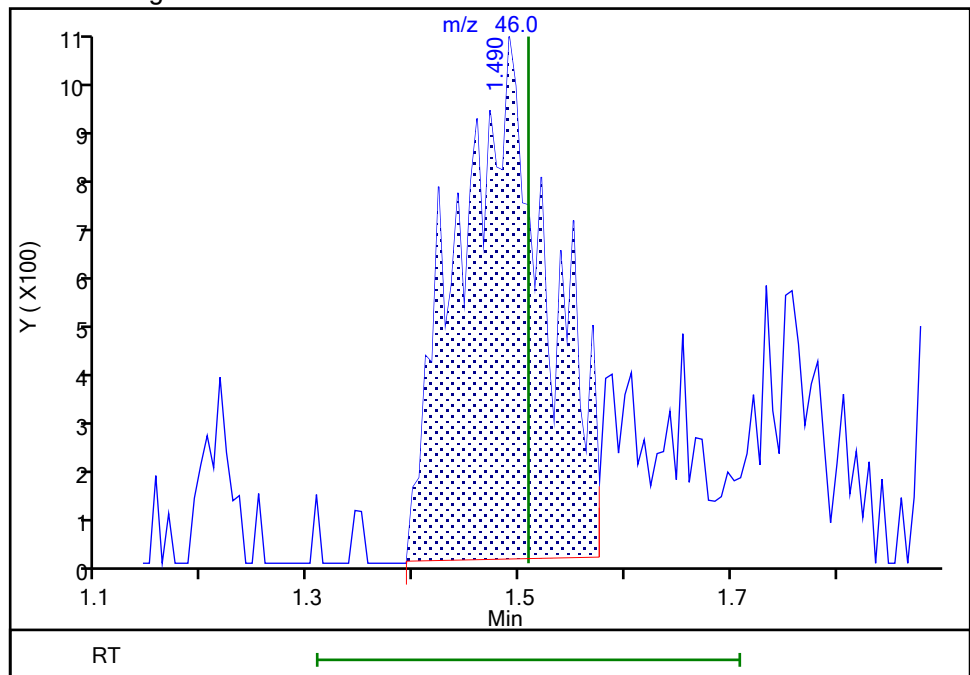
RT: 1.49
Area: 5192
Amount: 736.4665
Amount Units: ug/l

Processing Integration Results



RT: 1.49
Area: 6060
Amount: 859.5892
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:33:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

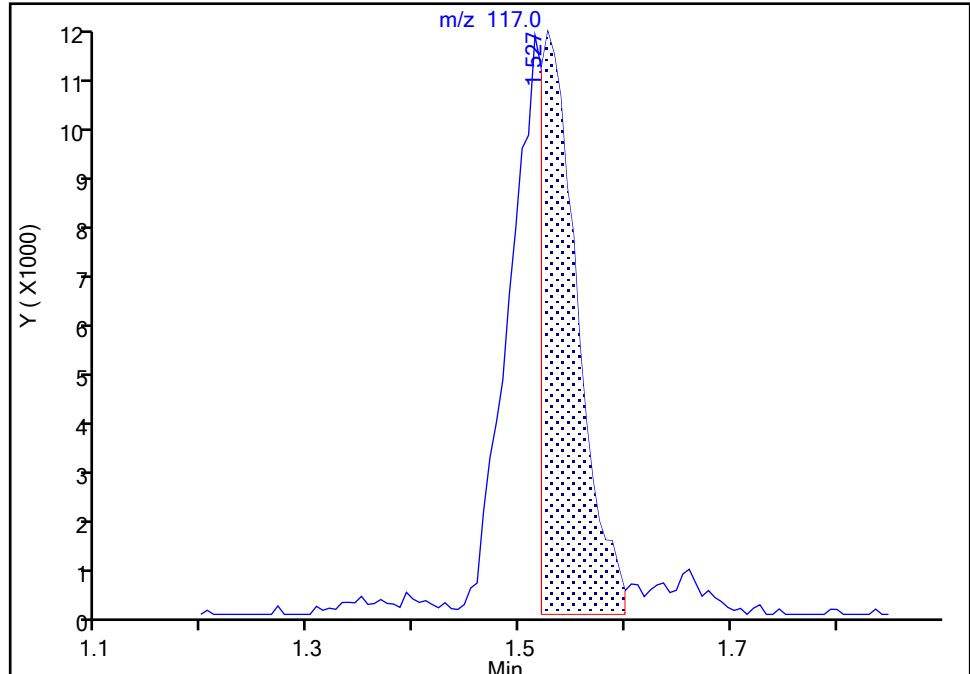
MS SCAN

18 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

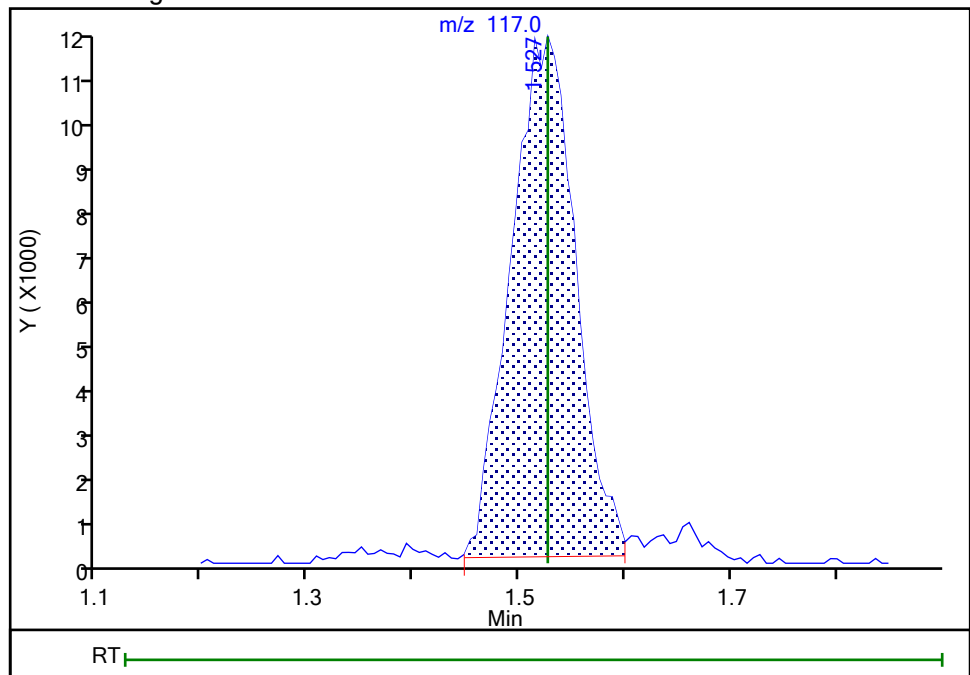
RT: 1.53
Area: 28826
Amount: 11.586647
Amount Units: ug/l

Processing Integration Results



RT: 1.53
Area: 49364
Amount: 19.841922
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:33:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

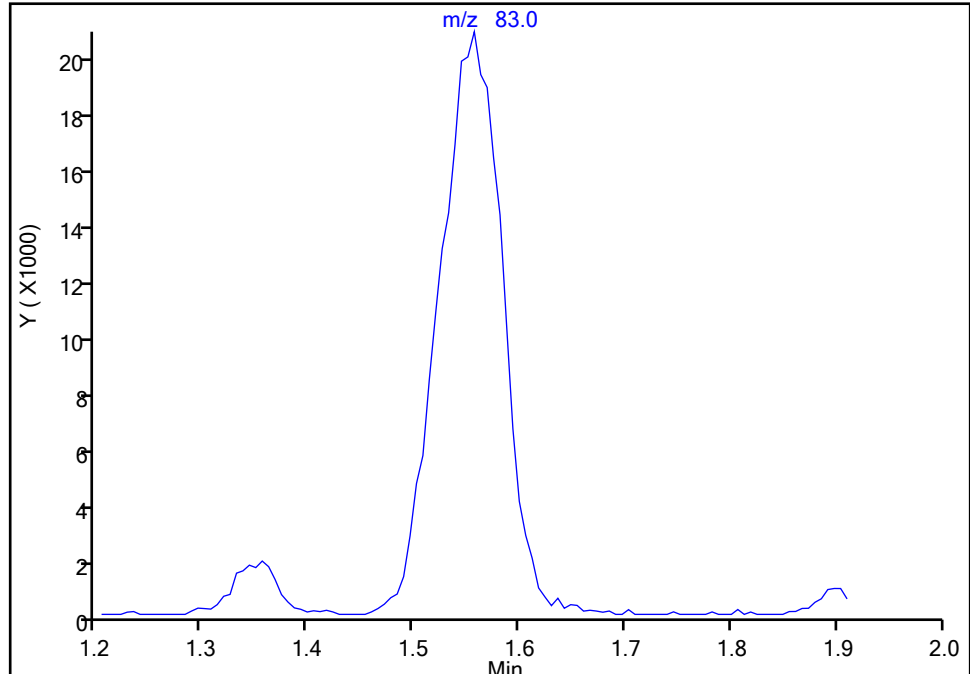
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

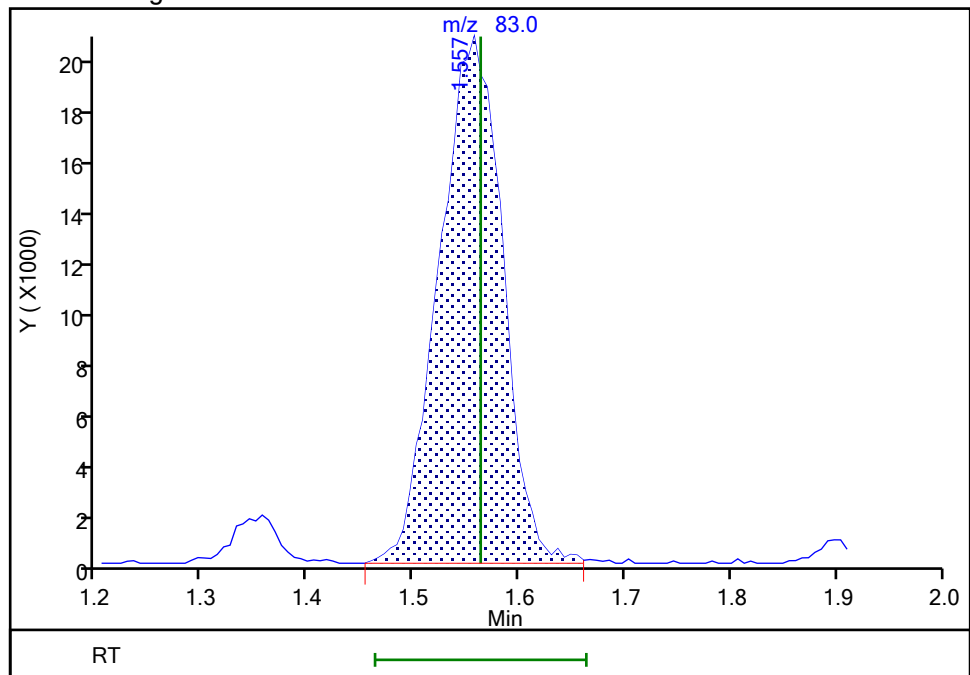
Expected RT: 1.56

Processing Integration Results



RT: 1.56
Area: 85889
Amount: 20.652421
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:33:58

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

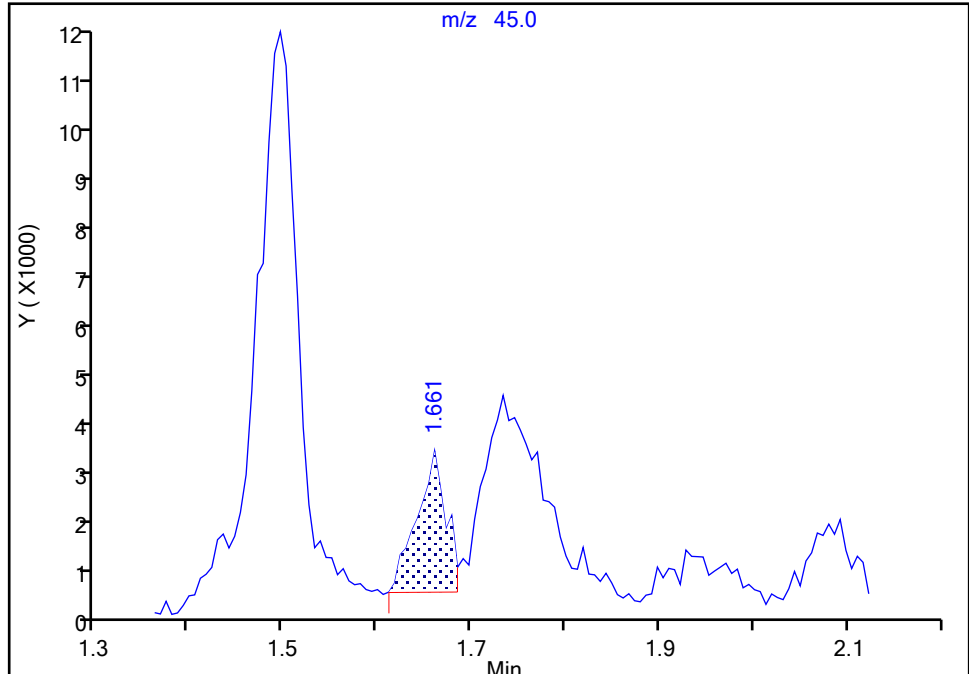
MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

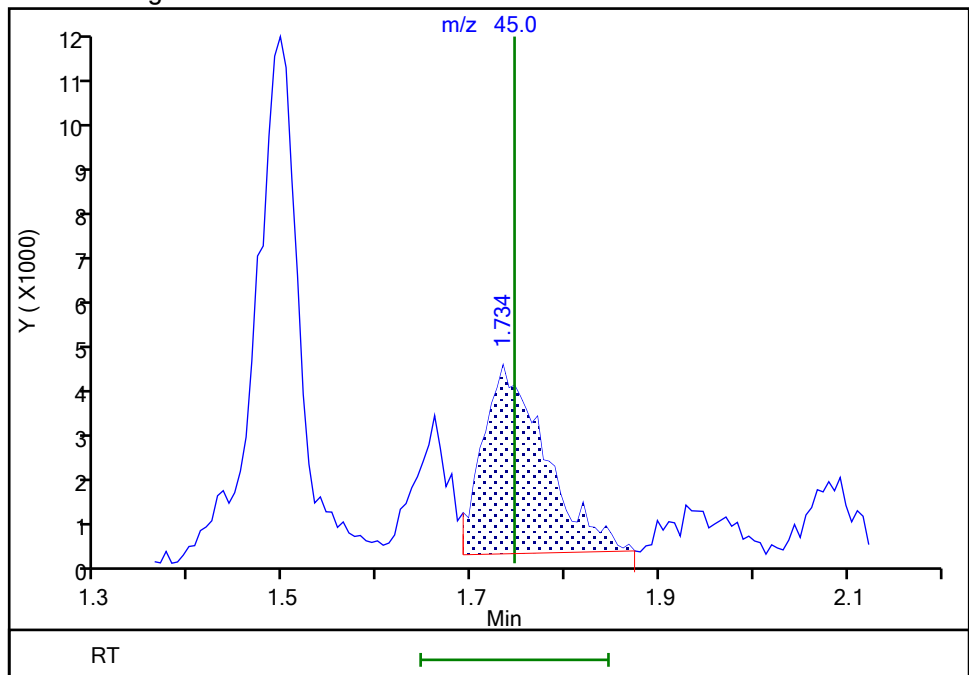
RT: 1.66
Area: 6215
Amount: 67.386126
Amount Units: ug/l

Processing Integration Results



RT: 1.73
Area: 19711
Amount: 213.7165
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:05

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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)

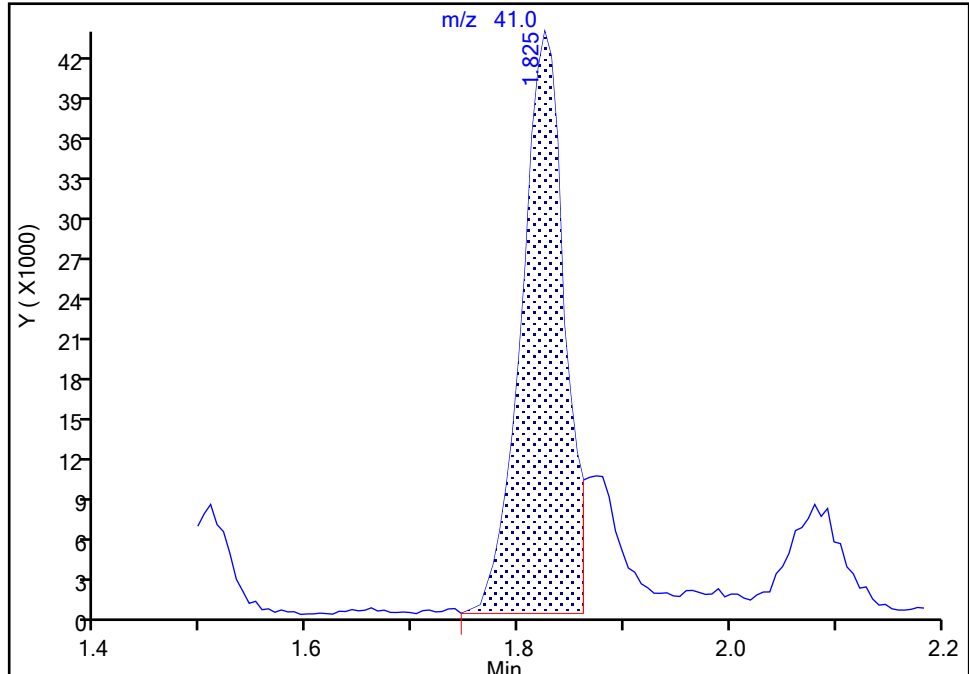
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

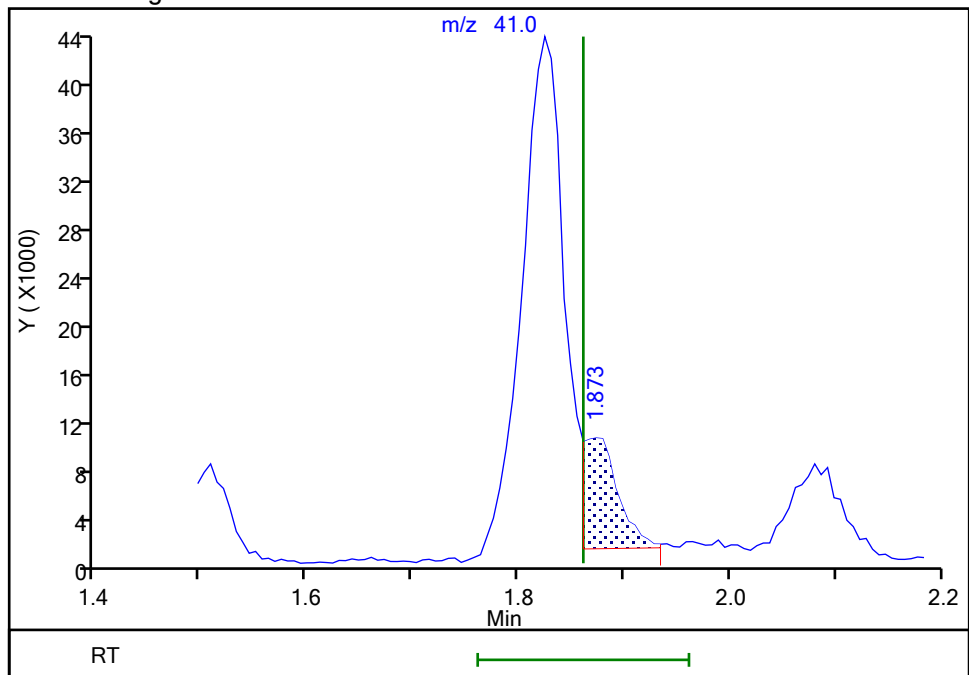
RT: 1.82
Area: 124154
Amount: 1109.8759
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 21548
Amount: 192.6286
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

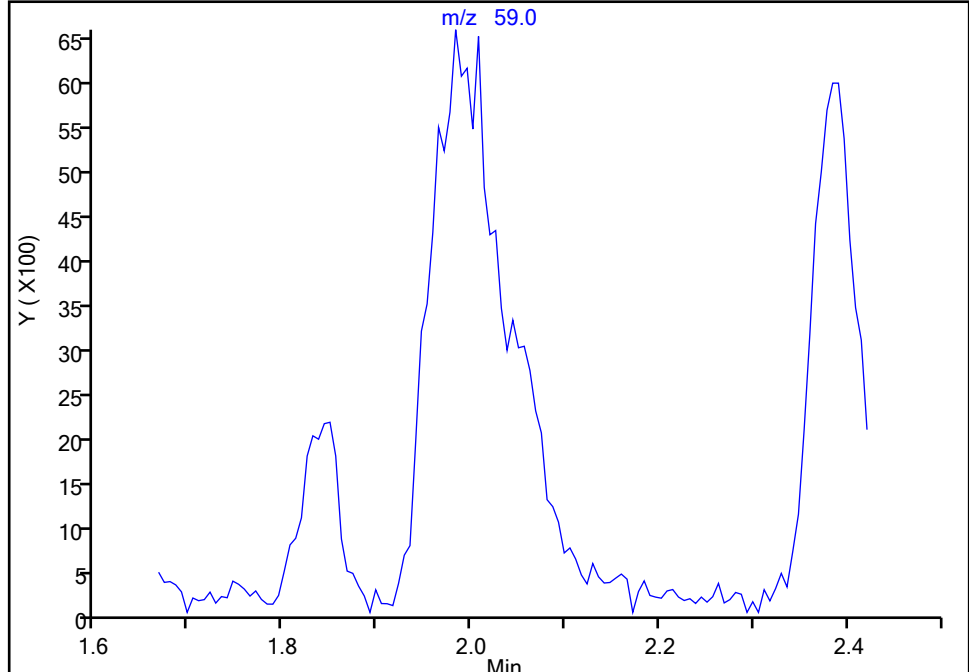
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

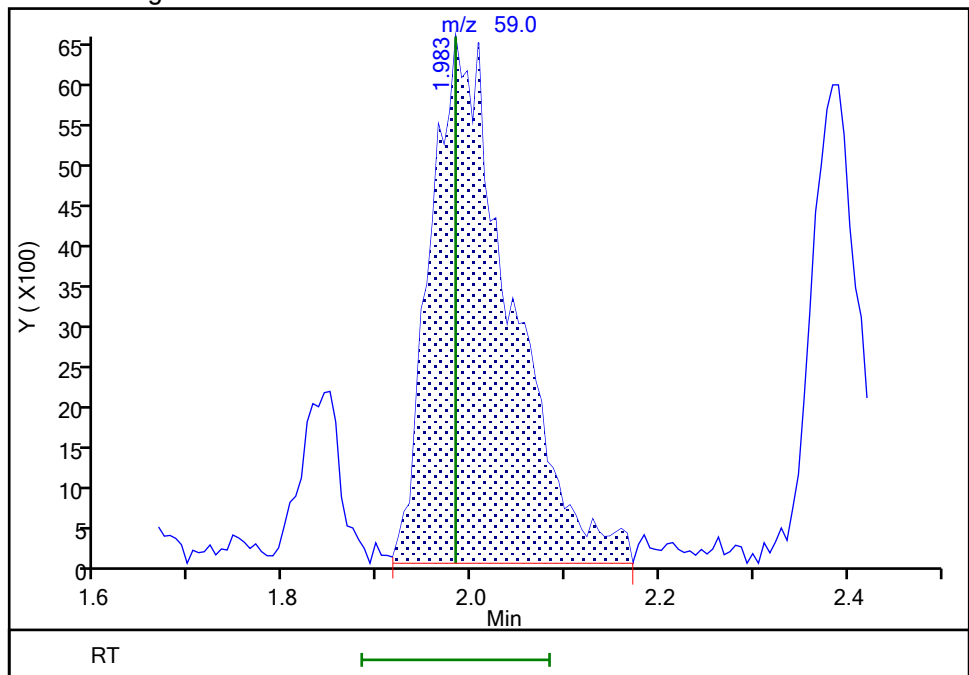
Not Detected

Expected RT: 1.98

Processing Integration Results



Manual Integration Results



RT: 1.98

Area: 38731

Amount: 202.3350

Amount Units: ug/l

Reviewer: W9CM, 26-Oct-2022 19:34:17

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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)

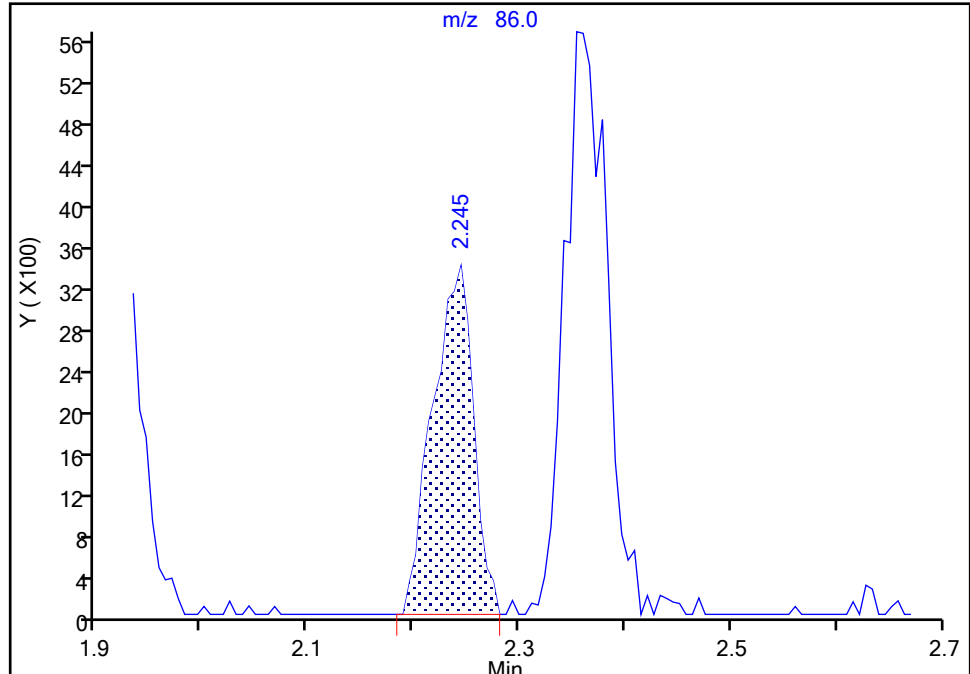
Detector: MS SCAN

40 Vinyl acetate, CAS: 108-05-4

Signal: 1

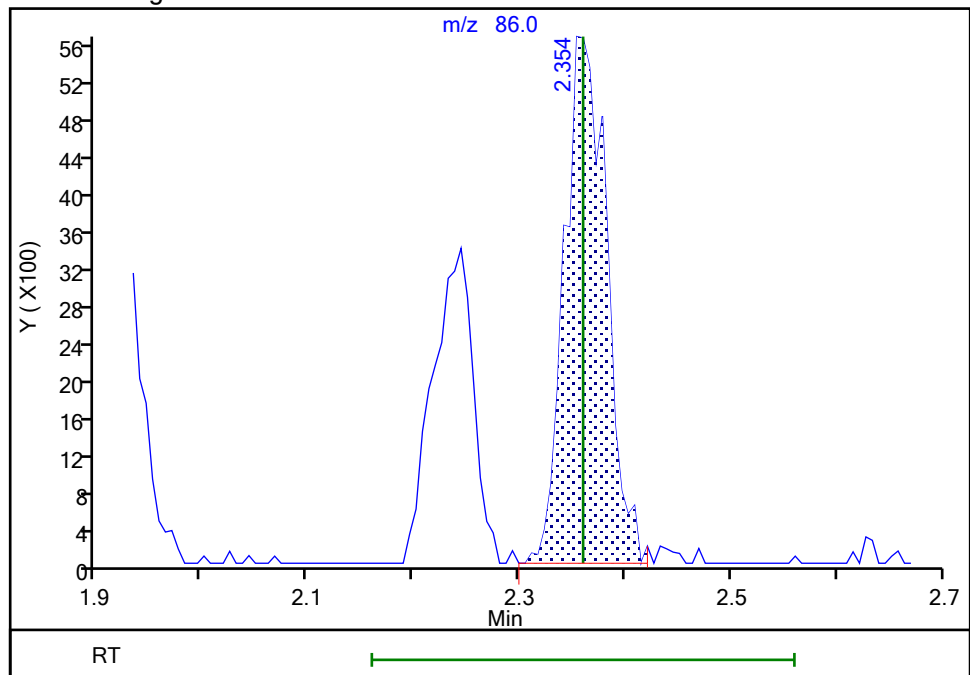
RT: 2.24
Area: 8990
Amount: 18.375674
Amount Units: ug/l

Processing Integration Results



RT: 2.35
Area: 15640
Amount: 31.968358
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

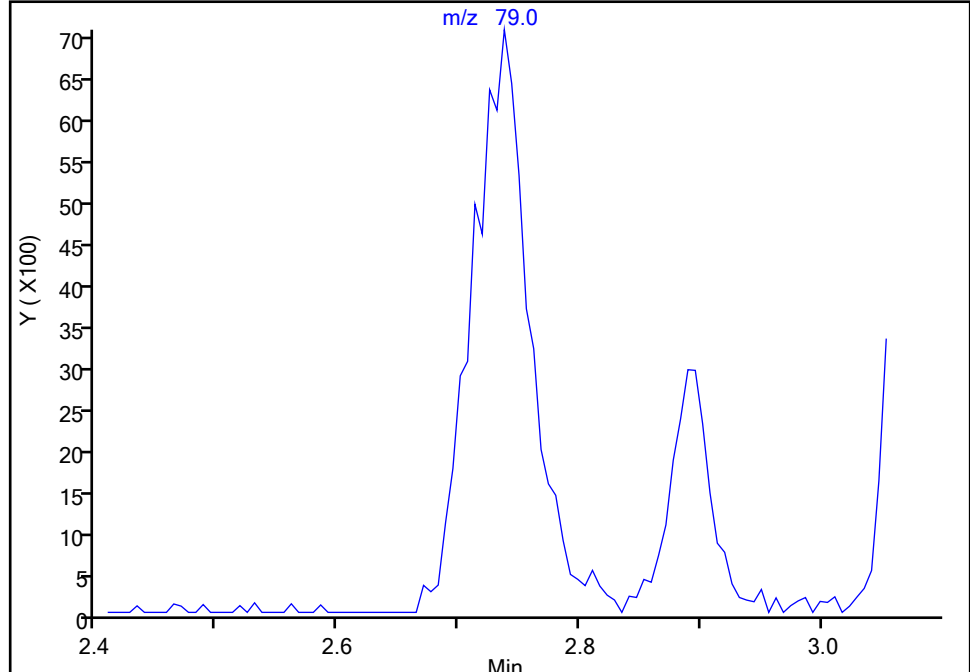
44 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Not Detected

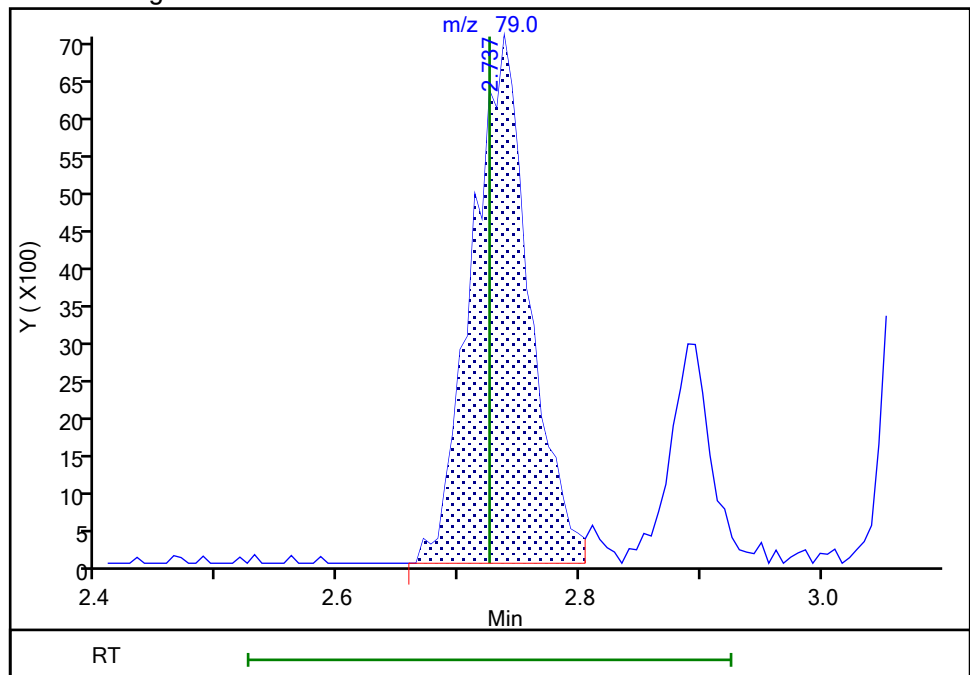
Expected RT: 2.73

Processing Integration Results



RT: 2.74
Area: 23494
Amount: 17.081240
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:32

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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)

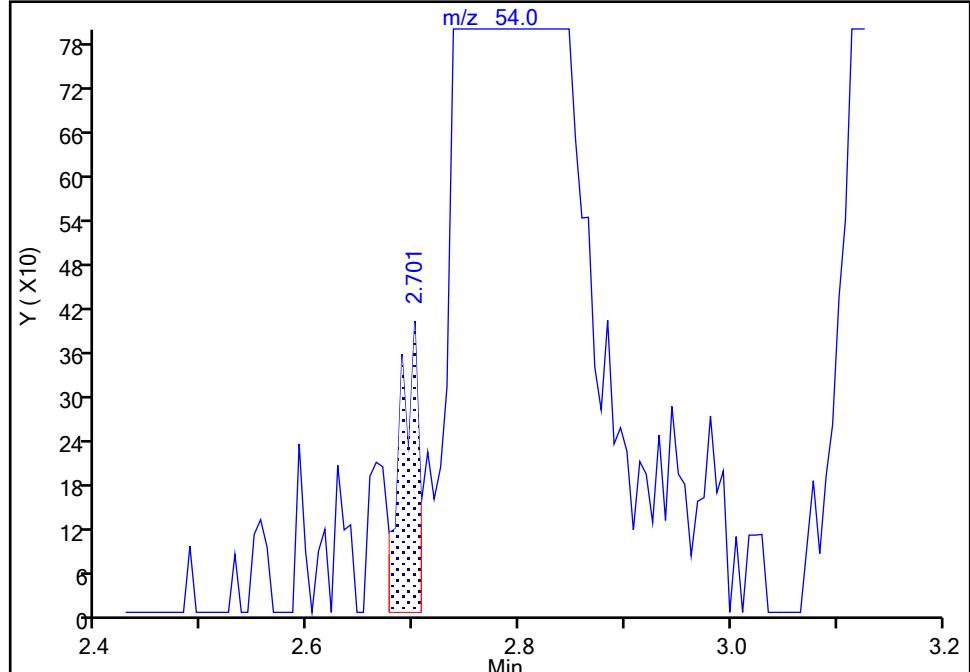
Detector: MS SCAN

49 Propionitrile, CAS: 107-12-0

Signal: 1

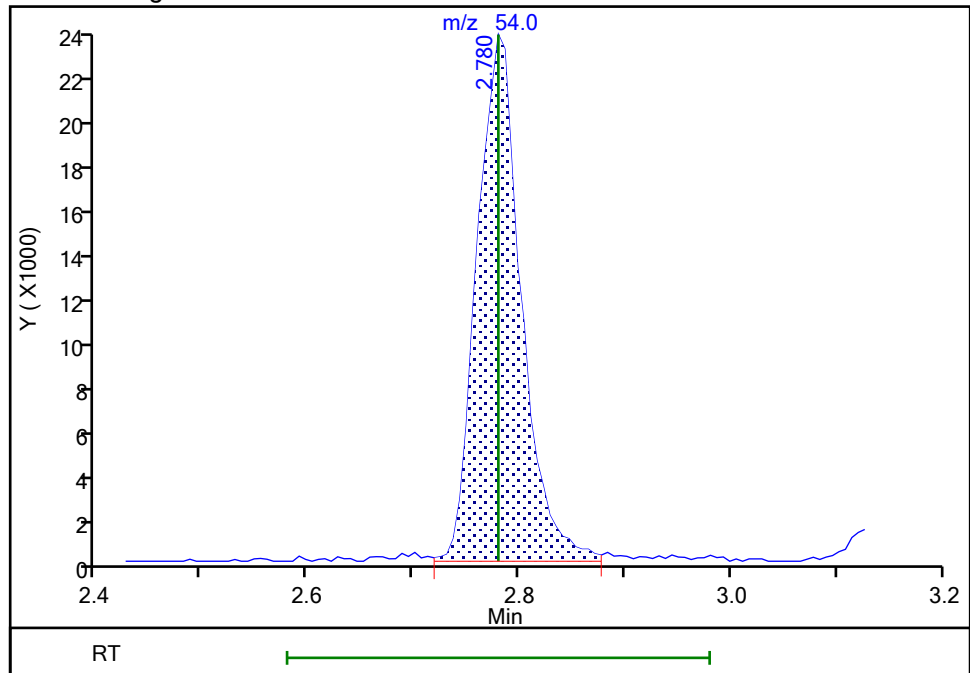
RT: 2.70
Area: 487
Amount: 1.573431
Amount Units: ug/l

Processing Integration Results



RT: 2.78
Area: 68431
Amount: 221.0913
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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)

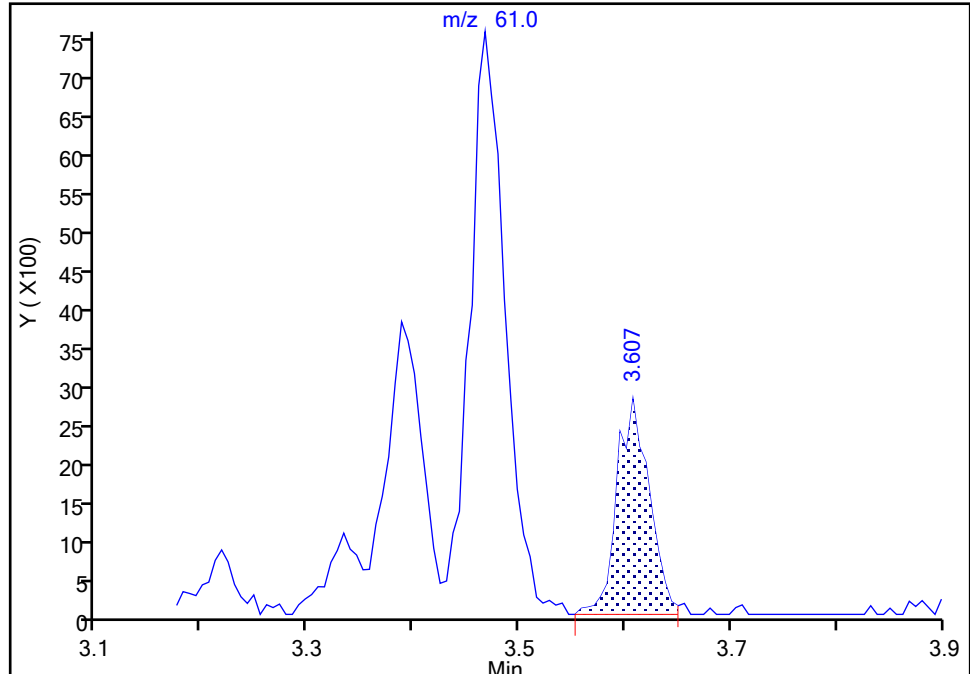
Detector: MS SCAN

64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

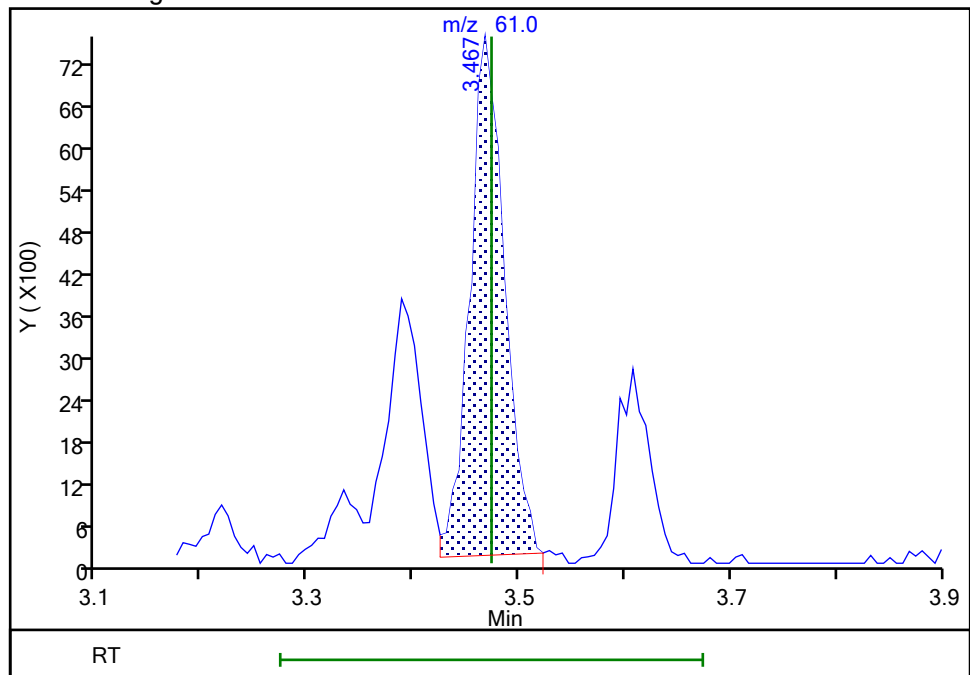
RT: 3.61
Area: 5918
Amount: 6.546333
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 16864
Amount: 18.654504
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:34:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57164.D

Injection Date: 25-Oct-2022 15:58:30

Instrument ID: CVOAMS11

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

40

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

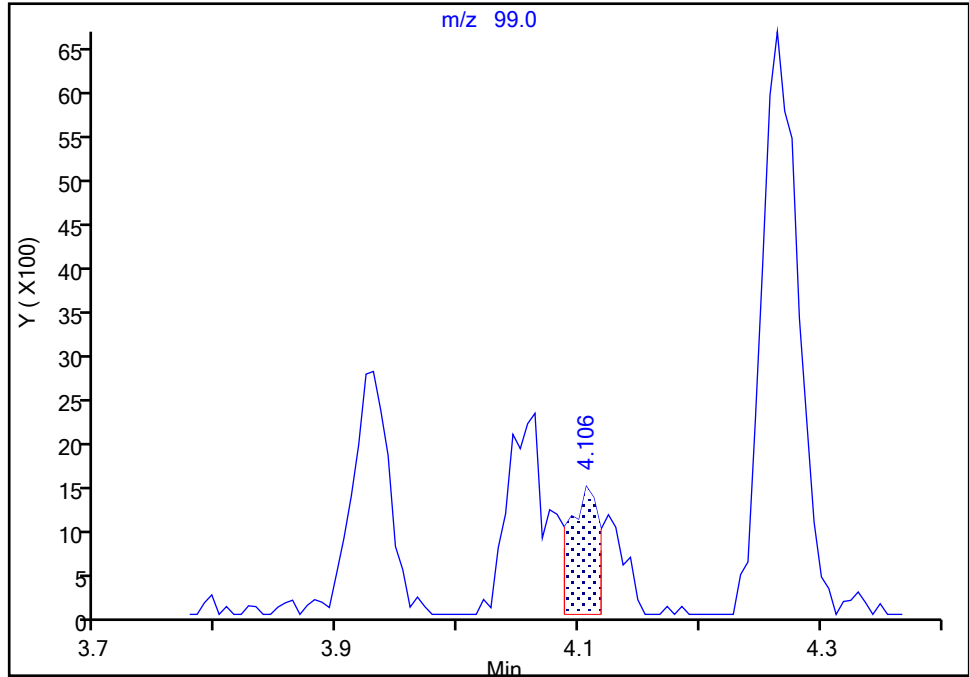
MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

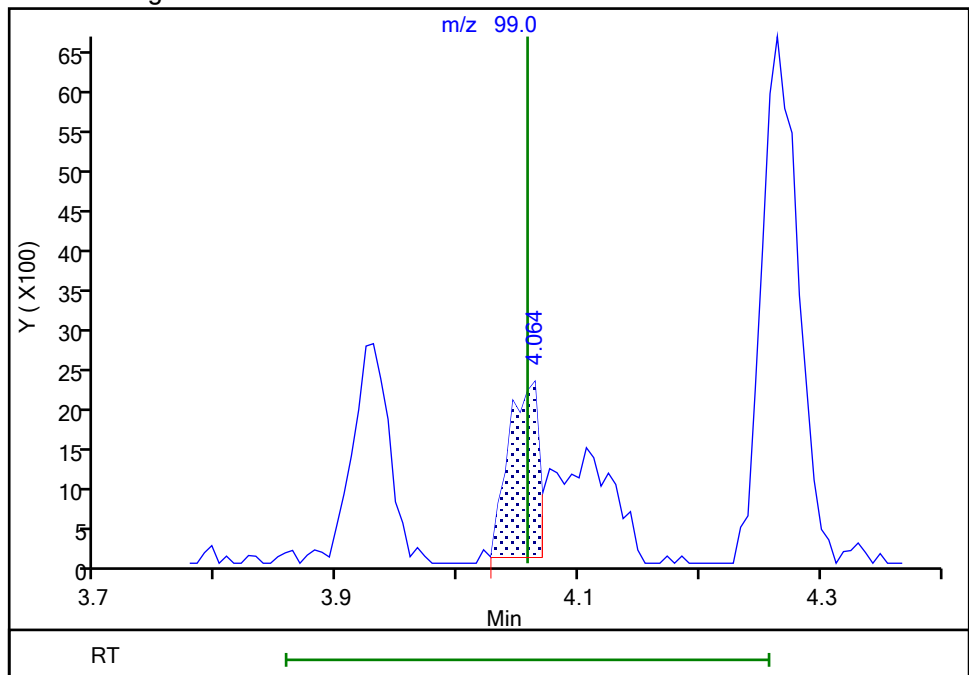
RT: 4.11
Area: 2525
Amount: 10.245325
Amount Units: ug/l

Processing Integration Results



RT: 4.06
Area: 3878
Amount: 15.732955
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 26-Oct-2022 19:35:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875099/2 Calibration Date: 10/30/2022 18:30

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57354.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	0.1554	0.1285		16.5	20.0	-17.3	20.0
Chlorodifluoromethane	Ave	0.6492	0.5602		17.3	20.0	-13.7	20.0
Dichlorodifluoromethane	Ave	0.4337	0.3743	0.1000	17.3	20.0	-13.7	20.0
Chloromethane	Ave	1.762	1.542	0.1000	17.5	20.0	-12.5	20.0
Butadiene	Ave	0.3128	0.2750		17.6	20.0	-12.1	20.0
Vinyl chloride	Ave	0.3400	0.2710	0.1000	15.9	20.0	-20.3*	20.0
Bromomethane	Ave	0.2675	0.2259	0.1000	16.9	20.0	-15.6	50.0
Chloroethane	Ave	0.1993	0.1598	0.1000	16.0	20.0	-19.8	50.0
Dichlorofluoromethane	Ave	0.5516	0.5037		18.3	20.0	-8.7	20.0
Pentane	Ave	7.613	9.358		49.2	40.0	22.9*	20.0
Trichlorofluoromethane	Ave	0.4407	0.3747	0.1000	17.0	20.0	-15.0	20.0
Ethanol	Ave	0.1468	0.1299		708	800	-11.5	50.0
Ethyl ether	Ave	0.1518	0.1598		21.1	20.0	5.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2558	0.2376		18.6	20.0	-7.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2701	0.2650		19.6	20.0	-1.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4516	0.4327		19.2	20.0	-4.2	20.0
Acrolein	Ave	7.604	8.916		46.9	40.0	17.2	50.0
1,1-Dichloroethene	Ave	0.2745	0.2713	0.1000	19.8	20.0	-1.1	20.0
Acetone	Ave	0.2490	0.2679	0.0500	108	100	7.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3166	0.3056	0.1000	19.3	20.0	-3.5	20.0
Iodomethane	Ave	0.5341	0.5501		20.6	20.0	3.0	20.0
Isopropyl alcohol	Ave	1.920	1.648		172	200	-14.2	50.0
Carbon disulfide	Ave	1.033	1.020	0.1000	19.7	20.0	-1.3	50.0
3-Chloro-1-propene	Ave	0.2189	0.1923		17.6	20.0	-12.2	20.0
Methyl acetate	Ave	7.853	9.198	0.1000	46.8	40.0	17.1	20.0
Acetonitrile	Ave	2.329	2.388		205	200	2.5	20.0
Cyclopentene	Ave	0.6572	0.5828		17.7	20.0	-11.3	20.0
Methylene Chloride	Ave	0.3327	0.3110	0.1000	18.7	20.0	-6.5	20.0
2-Methyl-2-propanol	Ave	3.986	4.241		213	200	6.4	50.0
Acrylonitrile	Ave	17.95	18.83		210	200	4.9	20.0
trans-1,2-Dichloroethene	Ave	0.3057	0.2983	0.1000	19.5	20.0	-2.4	20.0
Methyl tert-butyl ether	Ave	0.8271	0.7508	0.1000	18.2	20.0	-9.2	20.0
Hexane	Ave	0.1437	0.1460		20.3	20.0	1.6	20.0
1,1-Dichloroethane	Ave	0.5306	0.4931	0.2000	18.6	20.0	-7.1	20.0
Vinyl acetate	Ave	0.5878	0.6614		45.0	40.0	12.5	20.0
2-Chloro-1,3-butadiene	Ave	0.2755	0.2587		18.8	20.0	-6.1	20.0
Isopropyl ether	Ave	0.8648	0.7923		18.3	20.0	-8.4	20.0
Tert-butyl ethyl ether	Ave	0.8372	0.8896		21.3	20.0	6.3	20.0
cis-1,2-Dichloroethene	Ave	0.3374	0.3286	0.1000	19.5	20.0	-2.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875099/2 Calibration Date: 10/30/2022 18:30

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57354.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	0.1494	0.1494		20.0	20.0	0.0	20.0
2-Butanone (MEK)	Ave	0.3301	0.3457	0.0500	105	100	4.7	50.0
Propionitrile	Ave	6.444	6.877		213	200	6.7	20.0
Ethyl acetate	Ave	0.3136	0.3208		40.9	40.0	2.3	20.0
Methyl acrylate	Ave	0.3121	0.2792		17.9	20.0	-10.6	20.0
Methacrylonitrile	Ave	0.1185	0.1099		186	200	-7.2	20.0
Chlorobromomethane	Ave	0.1642	0.1651		20.1	20.0	0.5	20.0
Tetrahydrofuran	Ave	0.4027	0.3874		38.5	40.0	-3.8	20.0
Chloroform	Ave	0.5143	0.5074	0.2000	19.7	20.0	-1.3	20.0
1,1,1-Trichloroethane	Ave	0.4278	0.4357	0.1000	20.4	20.0	1.9	20.0
Cyclohexane	Ave	0.4129	0.3997	0.1000	19.4	20.0	-3.2	50.0
1,1-Dichloropropene	Ave	0.3908	0.3904		20.0	20.0	-0.1	20.0
Carbon tetrachloride	Ave	0.3570	0.3722	0.1000	20.8	20.0	4.2	20.0
Isobutyl alcohol	Ave	1.507	1.463		485	500	-2.9	50.0
Benzene	Ave	1.580	1.454	0.5000	18.4	20.0	-8.0	20.0
1,2-Dichloroethane	Ave	0.3852	0.3624	0.1000	18.8	20.0	-5.9	20.0
Isooctane	Ave	0.5458	0.5349		19.6	20.0	-2.0	20.0
Isopropyl acetate	Ave	0.0982	0.0868		17.7	20.0	-11.6	20.0
Tert-amyl methyl ether	Ave	0.8269	0.7751		18.7	20.0	-6.3	20.0
n-Heptane	QuaF		0.1640		27.4	20.0	36.8*	20.0
n-Butanol	Ave	0.8323	0.9435		567	500	13.4	50.0
Trichloroethene	Ave	0.2918	0.2888	0.2000	19.8	20.0	-1.0	20.0
Ethyl acrylate	QuaF		0.0266		19.9	20.0	-0.6	20.0
Methylcyclohexane	Ave	0.3783	0.4105	0.1000	21.7	20.0	8.5	50.0
1,2-Dichloropropane	Ave	0.2957	0.2902	0.1000	19.6	20.0	-1.8	20.0
Dibromomethane	Ave	0.1899	0.1809		19.1	20.0	-4.7	20.0
Methyl methacrylate	Ave	0.0686	0.0730		42.6	40.0	6.4	20.0
1,4-Dioxane	Ave	1.172	1.470		502	400	25.5	50.0
n-Propyl acetate	Ave	0.3444	0.3073		17.8	20.0	-10.8	20.0
Dichlorobromomethane	Ave	0.3571	0.3732	0.2000	20.9	20.0	4.5	20.0
2-Nitropropane	Ave	7.731	9.191		47.6	40.0	18.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1940	0.1723		17.8	20.0	-11.2	20.0
Epichlorohydrin	Ave	0.2732	0.2950		432	400	8.0	20.0
cis-1,3-Dichloropropene	Ave	0.6087	0.5566	0.2000	18.3	20.0	-8.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.446	2.525	0.0500	103	100	3.2	50.0
Toluene	Ave	1.593	1.528	0.4000	19.2	20.0	-4.1	20.0
trans-1,3-Dichloropropene	Ave	0.5265	0.4658	0.1000	17.7	20.0	-11.5	50.0
Ethyl methacrylate	Ave	0.3277	0.3212		19.6	20.0	-2.0	20.0
1,1,2-Trichloroethane	Ave	0.2901	0.2703	0.1000	18.6	20.0	-6.8	20.0
Tetrachloroethene	Ave	0.3510	0.3563	0.2000	20.3	20.0	1.5	20.0
1,3-Dichloropropane	Ave	0.5746	0.5443		18.9	20.0	-5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875099/2 Calibration Date: 10/30/2022 18:30

Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20

Lab File ID: N57354.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	0.9487	1.059	0.0500	112	100	11.6	50.0
Chlorodibromomethane	Ave	0.3499	0.3399	0.1000	19.4	20.0	-2.9	50.0
n-Butyl acetate	Ave	0.4852	0.4237		17.5	20.0	-12.7	20.0
Ethylene Dibromide	Ave	0.3601	0.3551	0.1000	19.7	20.0	-1.4	20.0
Chlorobenzene	Ave	1.054	1.041	0.5000	19.7	20.0	-1.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3603	0.3545		19.7	20.0	-1.6	20.0
Ethylbenzene	Ave	0.5338	0.5371	0.1000	20.1	20.0	0.6	20.0
m-Xylene & p-Xylene	Ave	0.6651	0.6967	0.1000	20.9	20.0	4.7	20.0
o-Xylene	Ave	0.6575	0.6571	0.3000	20.0	20.0	-0.0	20.0
Styrene	Ave	1.051	1.054	0.3000	20.1	20.0	0.3	20.0
n-Butyl acrylate	Ave	0.2760	0.2597		18.8	20.0	-5.9	20.0
Bromoform	Ave	0.3872	0.3539	0.1000	18.3	20.0	-8.6	20.0
Amyl acetate (mixed isomers)	Ave	0.9902	0.8431		17.0	20.0	-14.9	20.0
Isopropylbenzene	Ave	1.538	1.584	0.1000	20.6	20.0	3.0	20.0
Bromobenzene	Ave	0.7776	0.7953		20.5	20.0	2.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8386	0.7530	0.3000	18.0	20.0	-10.2	20.0
1,2,3-Trichloropropane	Ave	0.2370	0.2081		17.6	20.0	-12.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2065	0.0902		8.74	20.0	-56.3*	20.0
N-Propylbenzene	Ave	3.084	3.217		20.9	20.0	4.3	20.0
2-Chlorotoluene	Ave	2.042	2.033		19.9	20.0	-0.4	20.0
4-Ethyltoluene	Ave	2.611	2.735		21.0	20.0	4.8	20.0
4-Chlorotoluene	Ave	2.339	2.338		20.0	20.0	-0.0	20.0
1,3,5-Trimethylbenzene	Ave	2.242	2.354		21.0	20.0	5.0	20.0
Butyl Methacrylate	Ave	0.7972	0.7758		19.5	20.0	-2.7	20.0
tert-Butylbenzene	Ave	1.709	1.873		21.9	20.0	9.6	20.0
1,2,4-Trimethylbenzene	Ave	2.362	2.465		20.9	20.0	4.4	20.0
sec-Butylbenzene	Ave	2.396	2.630		22.0	20.0	9.8	20.0
1,3-Dichlorobenzene	Ave	1.399	1.415	0.6000	20.2	20.0	1.2	20.0
1,4-Dichlorobenzene	Ave	1.500	1.458	0.5000	19.4	20.0	-2.8	20.0
4-Isopropyltoluene	Ave	2.136	2.324		21.8	20.0	8.8	20.0
1,2,3-Trimethylbenzene	Ave	2.565	2.521		19.7	20.0	-1.7	20.0
Benzyl chloride	Ave	0.2703	0.2649		19.6	20.0	-2.0	50.0
Indan	Ave	2.543	2.519		19.8	20.0	-0.9	20.0
1,2-Dichlorobenzene	Ave	1.351	1.345	0.4000	19.9	20.0	-0.4	20.0
p-Diethylbenzene	Ave	1.185	1.382		23.3	20.0	16.6	20.0
n-Butylbenzene	Ave	1.019	1.151		22.6	20.0	12.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1235	0.1040	0.0500	16.8	20.0	-15.8	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.880	2.006		21.3	20.0	6.7	20.0
1,3,5-Trichlorobenzene	Ave	0.7836	0.8253		21.1	20.0	5.3	20.0
1,2,4-Trichlorobenzene	Ave	0.5818	0.5742	0.2000	19.7	20.0	-1.3	20.0
Hexachlorobutadiene	Qua2		0.2433		20.7	20.0	3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268432-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-875099/2 Calibration Date: 10/30/2022 18:30
 Instrument ID: CVOAMS11 Calib Start Date: 10/25/2022 07:02
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 10/25/2022 15:20
 Lab File ID: N57354.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	1.230	1.038		16.9	20.0	-15.6	50.0
1,2,3-Trichlorobenzene	QuaF		0.3383		20.2	20.0	1.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2343	0.2304		49.2	50.0	-1.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2518	0.2465		48.9	50.0	-2.1	20.0
Toluene-d8 (Surr)	Ave	1.191	1.163		48.8	50.0	-2.4	20.0
4-Bromofluorobenzene	Ave	0.3793	0.4198		55.3	50.0	10.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 30-Oct-2022 18:30:30 ALS Bottle#: 18 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0152503-002
 Operator ID: Instrument ID: CVOAMS11
 Sublist: chrom-8260W_11*sub8
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:36:55 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: W9CM

Date: 01-Nov-2022 23:36:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.870	0.000	59	20413	20.0	16.5	M
6 Chlorodifluoromethane	51	0.876	0.876	0.000	92	89006	20.0	17.3	a
5 Dichlorodifluoromethane	85	0.882	0.882	0.000	51	59481	20.0	17.3	M
7 Chloromethane	52	0.985	0.985	0.000	99	20886	20.0	17.5	
9 Butadiene	54	1.034	1.034	0.000	92	43694	20.0	17.6	
8 Vinyl chloride	62	1.052	1.052	0.000	97	43062	20.0	15.9	M
10 Bromomethane	94	1.204	1.204	0.000	99	35888	20.0	16.9	
11 Chloroethane	64	1.229	1.229	0.000	99	25387	20.0	16.0	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	99	80030	20.0	18.3	
14 Pentane	72	1.381	1.381	0.000	97	14770	40.0	49.2	
13 Trichlorofluoromethane	101	1.393	1.393	0.000	44	59546	20.0	17.0	
15 Ethanol	46	1.484	1.484	0.000	70	4102	800.0	708.2	
16 Ethyl ether	74	1.490	1.490	0.000	93	25390	20.0	21.1	
17 2-Methyl-1,3-butadiene	53	1.502	1.502	0.000	94	37760	20.0	18.6	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.521	1.521	0.000	82	42107	20.0	19.6	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.557	0.000	94	68757	20.0	19.2	a
20 Acrolein	56	1.563	1.563	0.000	55	14072	40.0	46.9	
22 1,1-Dichloroethene	96	1.618	1.618	0.000	98	43109	20.0	19.8	
23 Acetone	58	1.642	1.642	0.000	87	18146	100.0	107.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.661	1.661	0.000	92	48564	20.0	19.3	
24 Iodomethane	142	1.709	1.709	0.000	97	87405	20.0	20.6	
25 Isopropyl alcohol	45	1.734	1.734	0.000	25	13005	200.0	171.6	a
26 Carbon disulfide	76	1.746	1.746	0.000	98	162053	20.0	19.7	
27 3-Chloro-1-propene	76	1.819	1.819	0.000	92	30553	20.0	17.6	
28 Methyl acetate	74	1.831	1.831	0.000	98	14518	40.0	46.8	
30 Acetonitrile	41	1.855	1.855	0.000	21	18843	200.0	205.0	M
29 Cyclopentene	67	1.874	1.874	0.000	89	92597	20.0	17.7	
32 Methylene Chloride	84	1.898	1.898	0.000	89	49416	20.0	18.7	
* 31 TBA-d9 (IS)	46	1.928	1.928	0.000	68	39459	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.995	1.995	0.000	34	33469	200.0	212.8	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	2.038	2.038	0.000	95	148593	200.0	209.8	
35 trans-1,2-Dichloroethene	96	2.056	2.056	0.000	93	47402	20.0	19.5	
34 Methyl tert-butyl ether	73	2.080	2.080	0.000	97	119302	20.0	18.2	
37 Hexane	56	2.233	2.233	0.000	90	23192	20.0	20.3	
39 1,1-Dichloroethane	63	2.324	2.324	0.000	99	78359	20.0	18.6	
40 Vinyl acetate	86	2.360	2.360	0.000	100	17921	40.0	45.0	
38 Isopropyl ether	45	2.385	2.385	0.000	84	125887	20.0	18.3	
41 2-Chloro-1,3-butadiene	88	2.385	2.385	0.000	76	41099	20.0	18.8	
42 Tert-butyl ethyl ether	59	2.634	2.634	0.000	92	141352	20.0	21.3	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	93	169354	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	99	52207	20.0	19.5	
44 2,2-Dichloropropane	79	2.737	2.737	0.000	85	23742	20.0	20.0	
46 2-Butanone (MEK)	72	2.737	2.737	0.000	97	23418	100.0	104.7	
49 Propionitrile	54	2.768	2.768	0.000	97	54268	200.0	213.4	a
47 Ethyl acetate	70	2.774	2.774	0.000	99	8693	40.0	40.9	
48 Methyl acrylate	55	2.804	2.804	0.000	100	44361	20.0	17.9	
52 Methacrylonitrile	67	2.883	2.883	0.000	89	174668	200.0	185.6	
51 Chlorobromomethane	128	2.890	2.890	0.000	51	26232	20.0	20.1	
50 Tetrahydrofuran	72	2.938	2.938	0.000	76	10498	40.0	38.5	
53 Chloroform	83	2.950	2.950	0.000	100	80621	20.0	19.7	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	91536	50.0	49.2	
55 1,1,1-Trichloroethane	97	3.096	3.096	0.000	97	69234	20.0	20.4	
54 Cyclohexane	84	3.139	3.139	0.000	87	63511	20.0	19.4	
58 1,1-Dichloropropene	75	3.212	3.212	0.000	98	62026	20.0	20.0	
57 Carbon tetrachloride	117	3.230	3.230	0.000	97	59135	20.0	20.8	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.334	3.334	0.000	82	97917	50.0	48.9	
59 Isobutyl alcohol	43	3.340	3.340	0.000	35	28865	500.0	485.3	a
61 Benzene	78	3.376	3.376	0.000	94	186112	20.0	18.4	
65 1,2-Dichloroethane	62	3.388	3.388	0.000	97	57580	20.0	18.8	
60 Isooctane	57	3.455	3.455	0.000	91	84992	20.0	19.6	
64 Isopropyl acetate	61	3.467	3.467	0.000	88	13788	20.0	17.7	a
63 Tert-amyl methyl ether	73	3.492	3.492	0.000	97	123167	20.0	18.7	
* 67 Fluorobenzene	96	3.607	3.607	0.000	99	397241	50.0	50.0	
66 n-Heptane	71	3.620	3.620	0.000	43	26062	20.0	27.4	
68 n-Butanol	56	3.912	3.912	0.000	43	18615	500.0	566.8	
69 Trichloroethene	95	3.924	3.924	0.000	98	45891	20.0	19.8	
70 Ethyl acrylate	99	4.058	4.058	0.000	97	4226	20.0	19.9	
71 Methylcyclohexane	83	4.100	4.100	0.000	85	65231	20.0	21.7	
72 1,2-Dichloropropane	63	4.125	4.125	0.000	93	46112	20.0	19.6	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	45	16246	1000.0	1000.0	a
76 Dibromomethane	93	4.222	4.222	0.000	96	28743	20.0	19.1	
74 Methyl methacrylate	100	4.264	4.264	0.000	84	23185	40.0	42.6	
75 1,4-Dioxane	88	4.271	4.271	0.000	32	9553	400.0	501.9	
77 n-Propyl acetate	43	4.337	4.337	0.000	97	48822	20.0	17.8	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	59299	20.0	20.9	
79 2-Nitropropane	41	4.611	4.611	0.000	97	14506	40.0	47.6	
80 2-Chloroethyl vinyl ether	63	4.702	4.702	0.000	92	27448	20.0	17.8	
81 Epichlorohydrin	57	4.745	4.745	0.000	99	79930	400.0	431.8	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	90	71234	20.0	18.3	
83 4-Methyl-2-pentanone (MIBK)	43	5.013	5.013	0.000	95	171059	100.0	103.2	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	372145	50.0	48.8	
85 Toluene	91	5.165	5.165	0.000	93	195546	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	5.420	5.420	0.000	95	59615	20.0	17.7	
87 Ethyl methacrylate	69	5.566	5.566	0.000	88	51036	20.0	19.6	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	95	34597	20.0	18.6	
89 Tetrachloroethene	166	5.743	5.743	0.000	97	45606	20.0	20.3	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	91	69667	20.0	18.9	
91 2-Hexanone	58	5.931	5.931	0.000	93	71747	100.0	111.6	
93 Chlorodibromomethane	129	6.029	6.029	0.000	97	43499	20.0	19.4	
92 n-Butyl acetate	43	6.114	6.114	0.000	98	54222	20.0	17.5	
94 Ethylene Dibromide	107	6.138	6.138	0.000	99	45442	20.0	19.7	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	84	319956	50.0	50.0	
96 Chlorobenzene	112	6.728	6.728	0.000	97	133182	20.0	19.7	
98 1,1,1,2-Tetrachloroethane	131	6.844	6.844	0.000	96	45370	20.0	19.7	
97 Ethylbenzene	106	6.893	6.893	0.000	98	68738	20.0	20.1	
99 m-Xylene & p-Xylene	106	7.045	7.045	0.000	98	89161	20.0	20.9	
100 o-Xylene	106	7.525	7.525	0.000	94	84098	20.0	20.0	
102 Styrene	104	7.550	7.550	0.000	95	134957	20.0	20.1	
101 n-Butyl acrylate	73	7.586	7.586	0.000	97	33239	20.0	18.8	
104 Bromoform	173	7.738	7.738	0.000	97	26227	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	92	62473	20.0	17.0	
105 Isopropylbenzene	105	8.018	8.018	0.000	96	202672	20.0	20.6	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	91	134311	50.0	55.3	
107 Bromobenzene	156	8.347	8.347	0.000	95	58935	20.0	20.5	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	98	55795	20.0	18.0	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	97	15422	20.0	17.6	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.511	0.000	92	6684	20.0	8.74	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	238414	20.0	20.9	
112 2-Chlorotoluene	91	8.626	8.626	0.000	97	150679	20.0	19.9	
113 4-Ethyltoluene	105	8.724	8.724	0.000	100	202687	20.0	21.0	
115 4-Chlorotoluene	91	8.778	8.778	0.000	97	173283	20.0	20.0	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	95	174406	20.0	21.0	
116 Butyl Methacrylate	87	9.034	9.034	0.000	87	57488	20.0	19.5	
117 tert-Butylbenzene	119	9.229	9.229	0.000	95	138807	20.0	21.9	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	182690	20.0	20.9	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	194886	20.0	22.0	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	97	104887	20.0	20.2	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	185252	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.673	9.673	0.000	95	108062	20.0	19.4	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	97	172240	20.0	21.8	
124 1,2,3-Trimethylbenzene	105	9.764	9.764	0.000	98	186820	20.0	19.7	
125 Benzyl chloride	126	9.843	9.843	0.000	99	19629	20.0	19.6	
126 2,3-Dihydroindene	117	9.947	9.947	0.000	94	186671	20.0	19.8	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	96	99689	20.0	19.9	
127 p-Diethylbenzene	119	10.093	10.093	0.000	92	102393	20.0	23.3	
128 n-Butylbenzene	92	10.111	10.111	0.000	98	85259	20.0	22.6	
131 1,2-Dibromo-3-Chloropropane	157	10.804	10.804	0.000	94	7705	20.0	16.8	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	98	148650	20.0	21.3	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	61152	20.0	21.1	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	92	42545	20.0	19.7	
134 Hexachlorobutadiene	225	11.656	11.656	0.000	93	18032	20.0	20.7	
135 Naphthalene	128	11.680	11.680	0.000	99	76880	20.0	16.9	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	95	25070	20.0	20.2	
S 137 1,2-Dichloroethene, 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 Xylenes, Total	100				0		40.0	40.9	
S 139 Total BTEX	1				0		100.0	98.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00059	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
GASES Li_00500	Amount Added: 20.00	Units: uL	
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

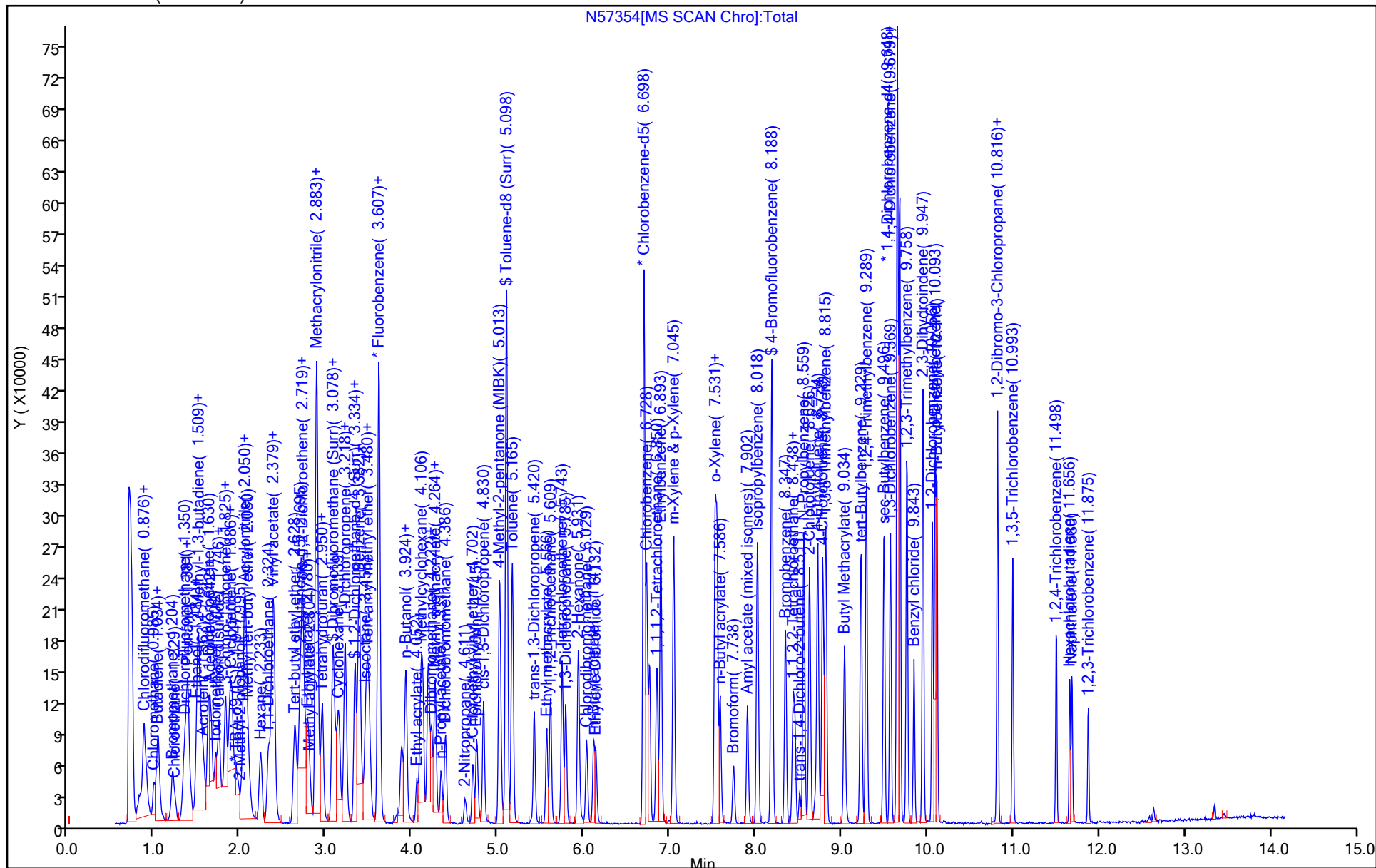
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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)

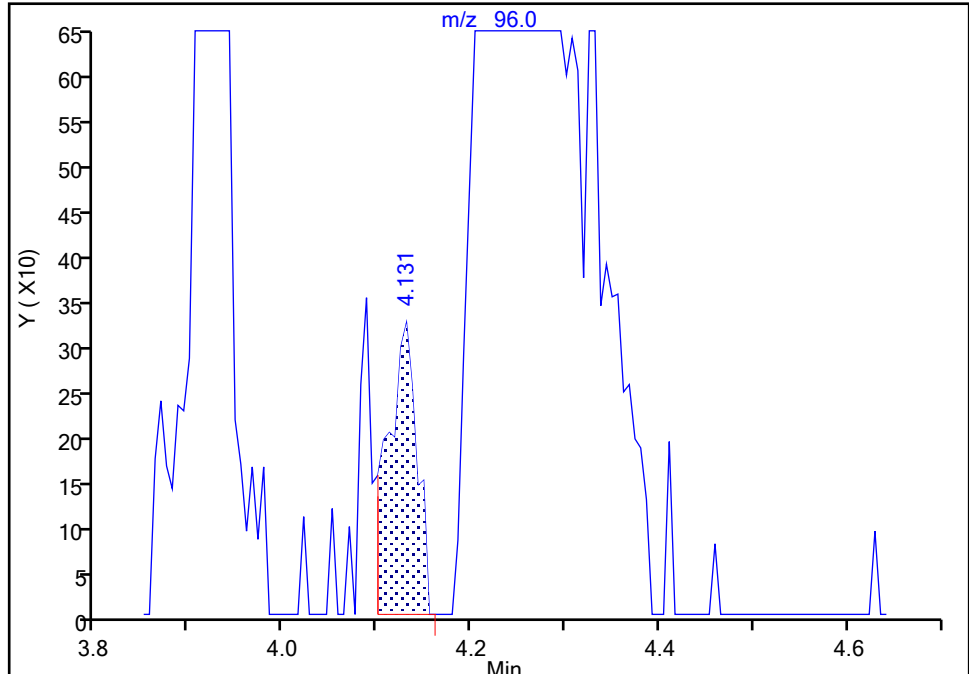
Detector: MS SCAN

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

Signal: 1

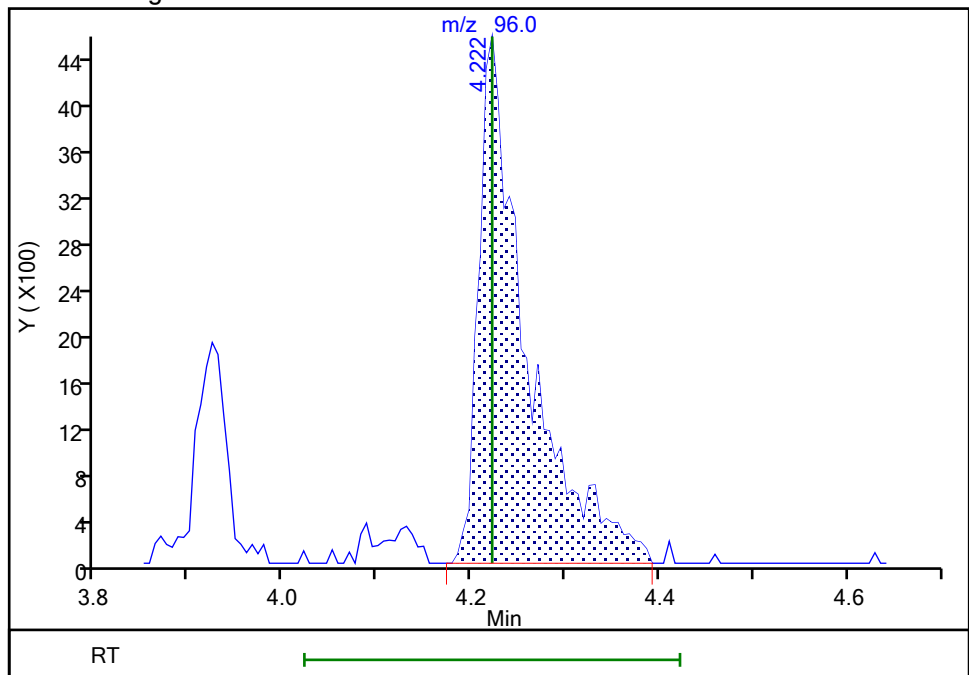
RT: 4.13
Area: 694
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 16246
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 18:48:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

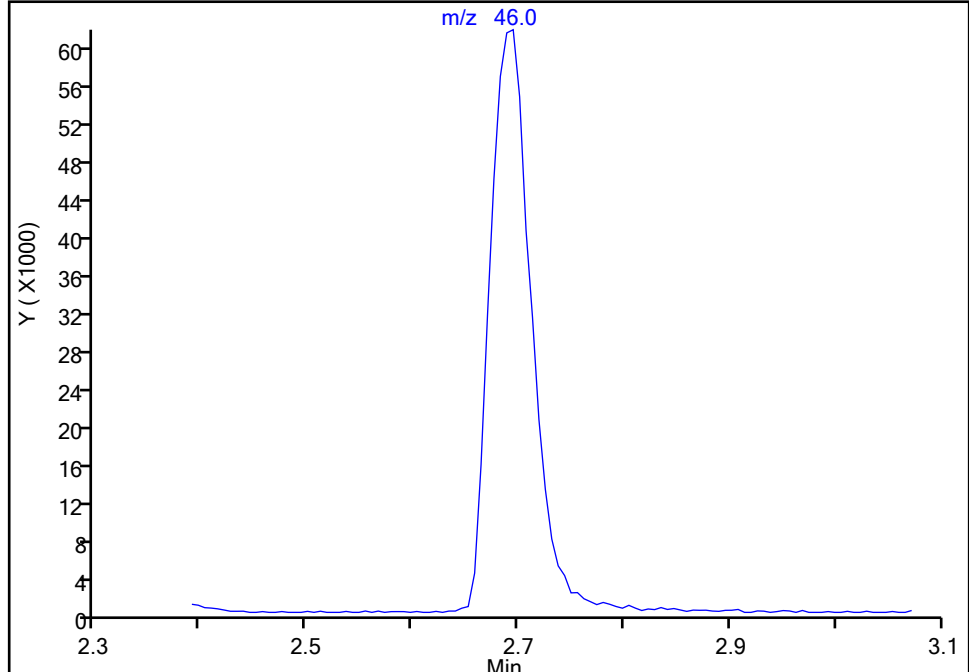
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 2.69

Processing Integration Results



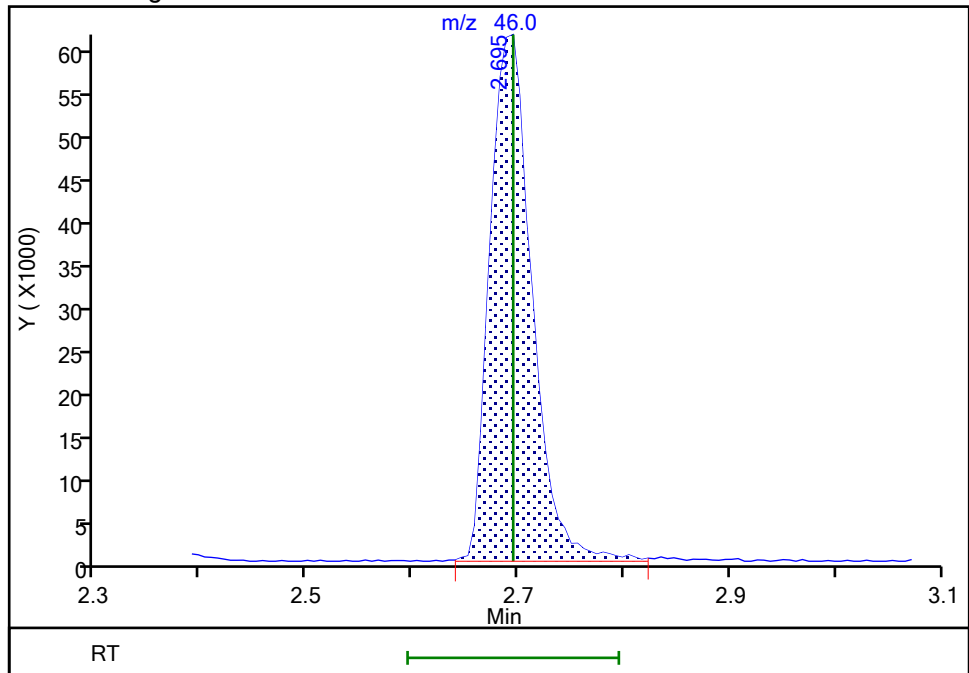
RT: 2.69

Area: 169354

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 18:48:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

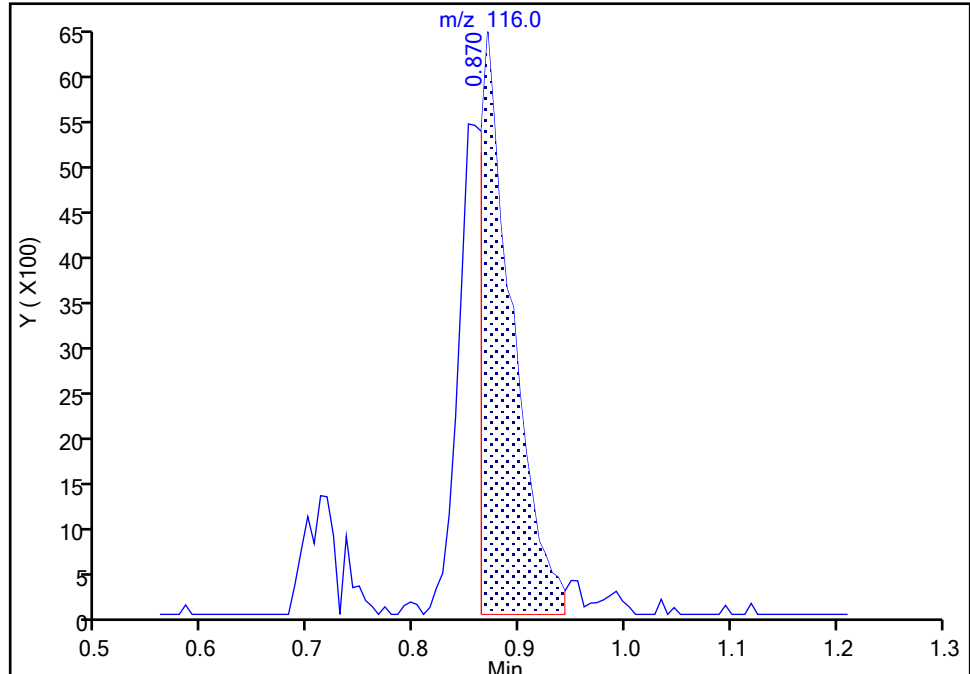
MS SCAN

4 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

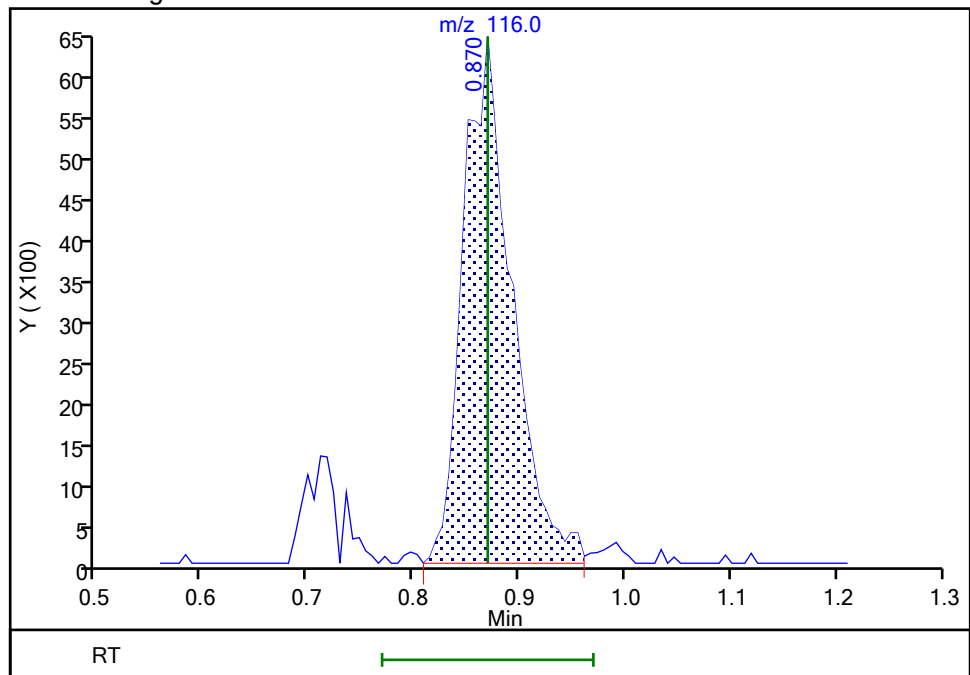
RT: 0.87
Area: 13335
Amount: 10.801530
Amount Units: ug/l

Processing Integration Results



RT: 0.87
Area: 20413
Amount: 16.534806
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:04:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

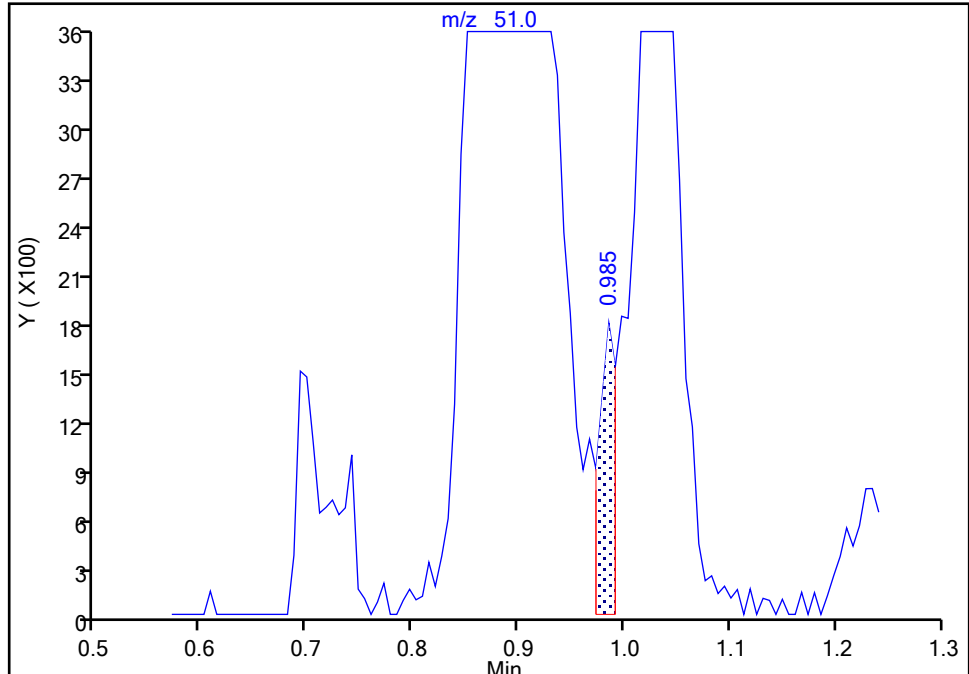
MS SCAN

6 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

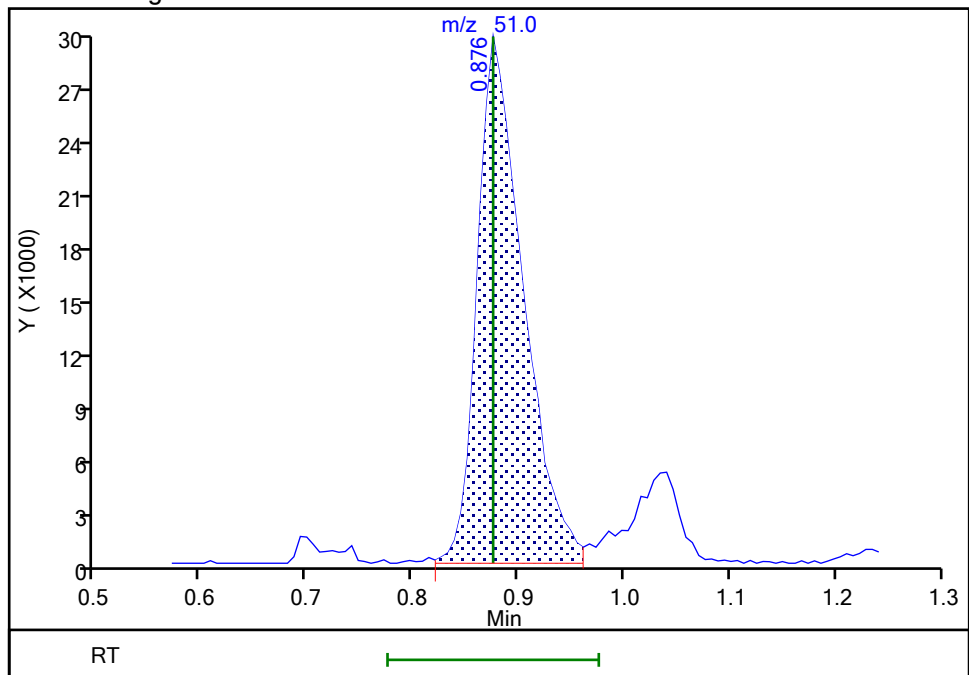
RT: 0.99
Area: 2036
Amount: 0.394756
Amount Units: ug/l

Processing Integration Results



RT: 0.88
Area: 89006
Amount: 17.257216
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 20:30:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

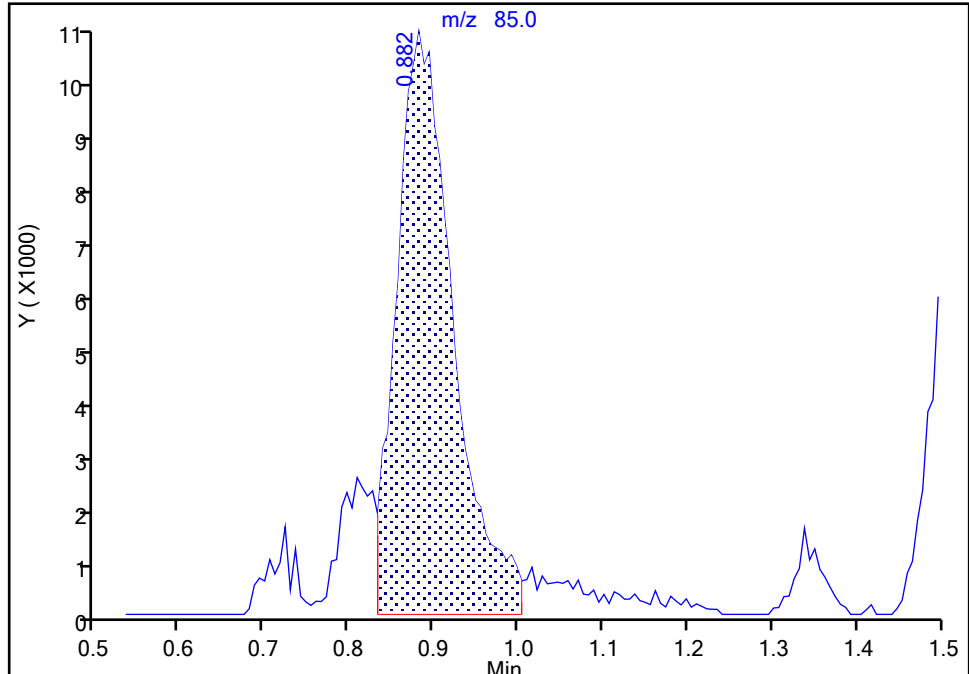
MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

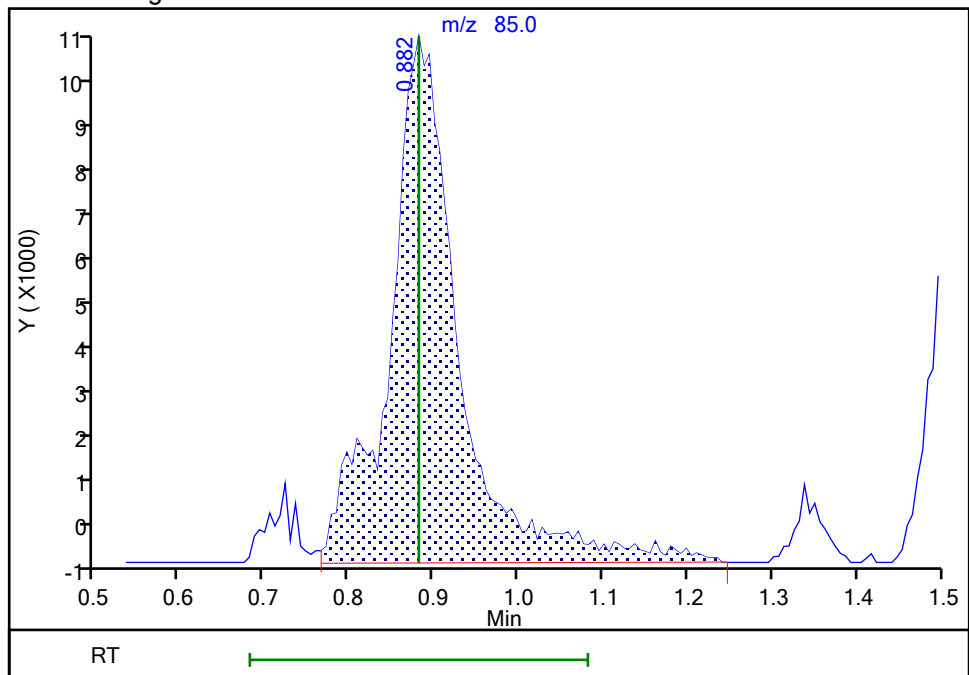
RT: 0.88
Area: 48208
Amount: 13.990230
Amount Units: ug/l

Processing Integration Results



RT: 0.88
Area: 59481
Amount: 17.261718
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:36:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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)

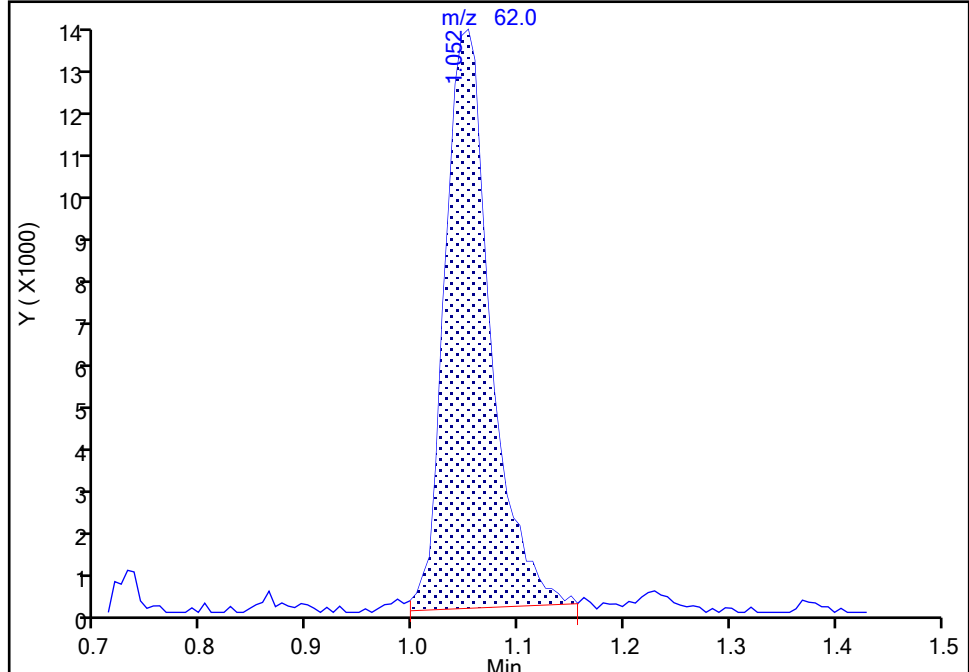
Detector: MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Signal: 1

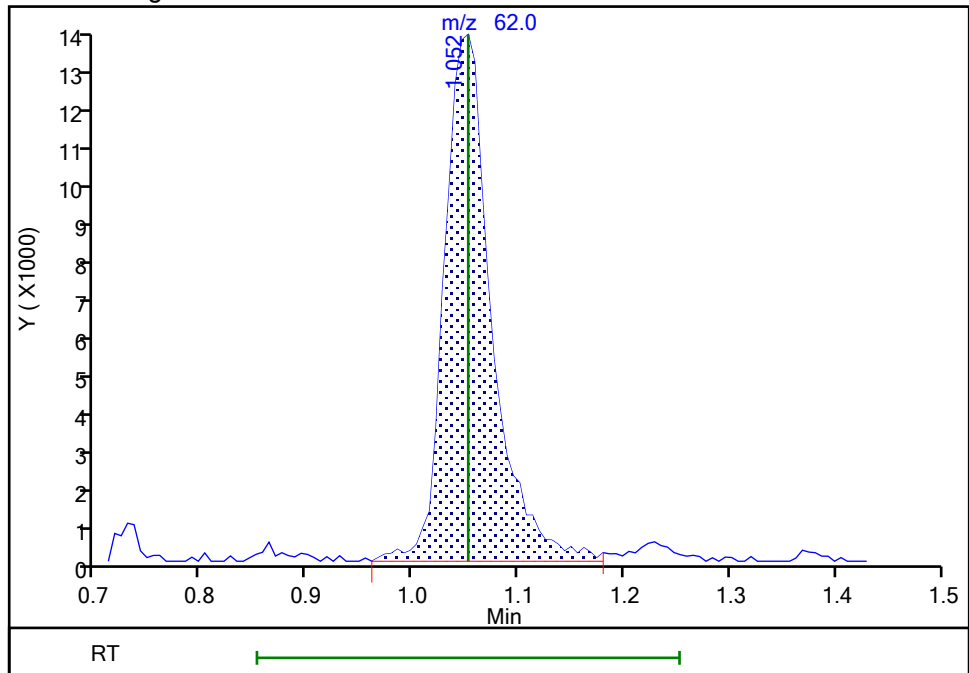
RT: 1.05
Area: 41167
Amount: 15.240290
Amount Units: ug/l

Processing Integration Results



RT: 1.05
Area: 43062
Amount: 15.941831
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 20:31:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

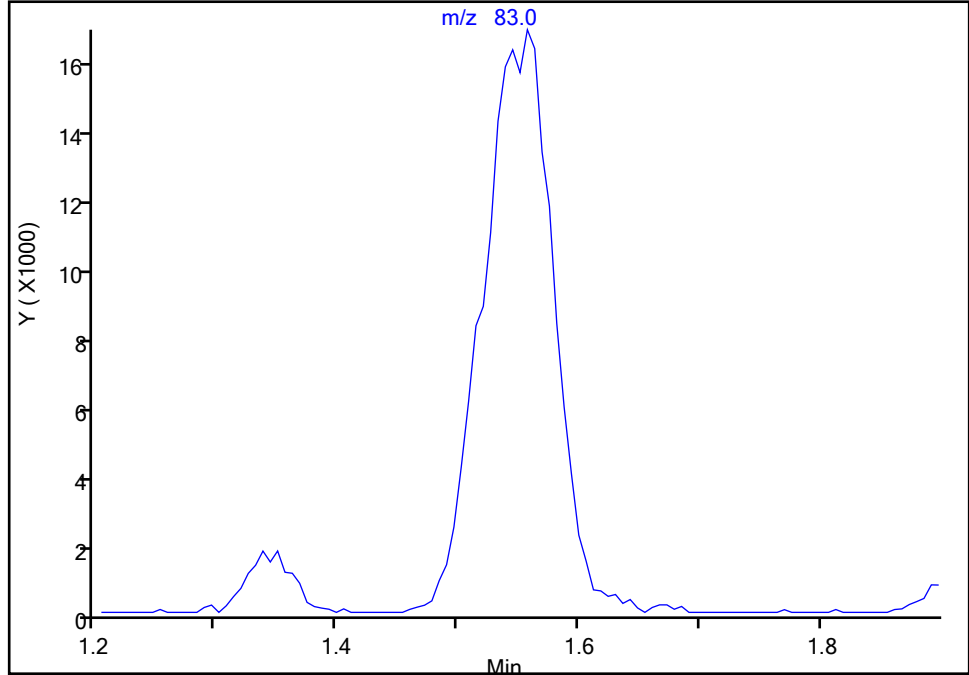
19 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

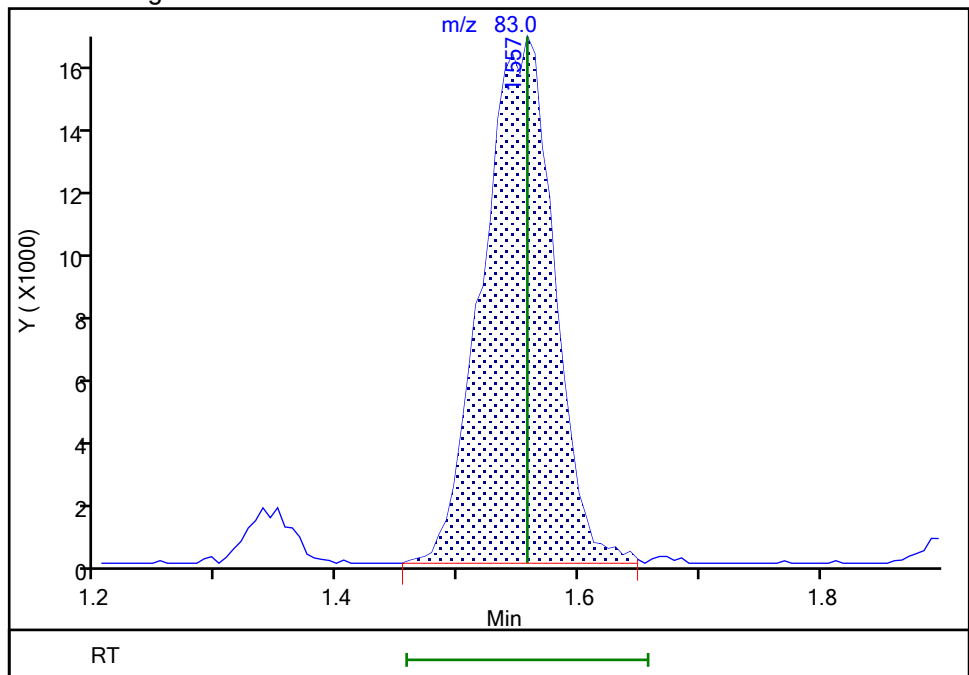
Not Detected

Expected RT: 1.56

Processing Integration Results



Manual Integration Results



RT: 1.56
Area: 68757
Amount: 19.164131
Amount Units: ug/l

Reviewer: C1JX, 30-Oct-2022 18:48:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

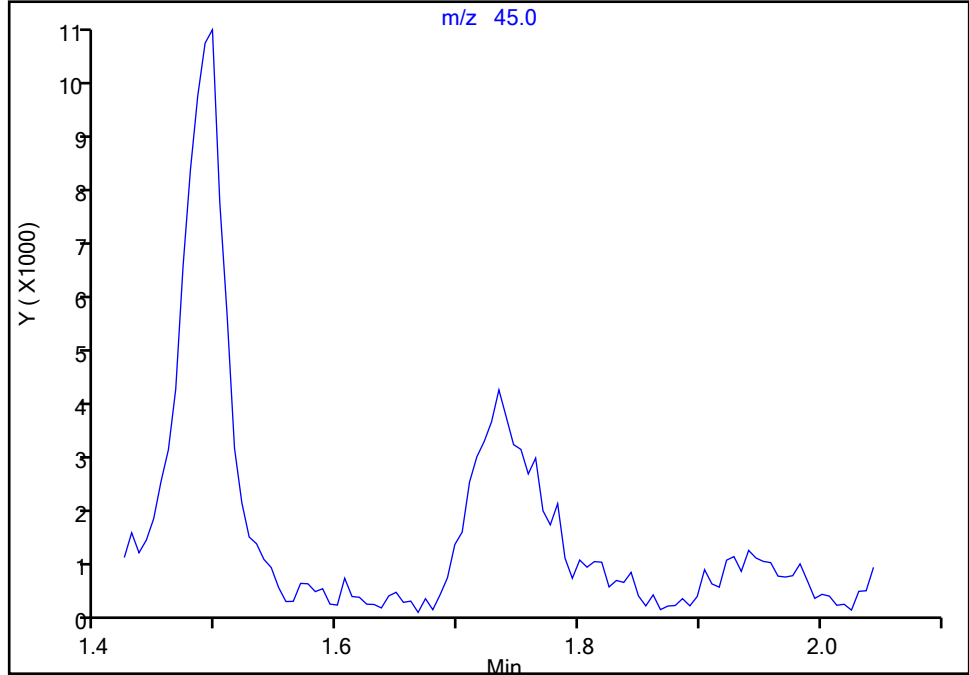
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

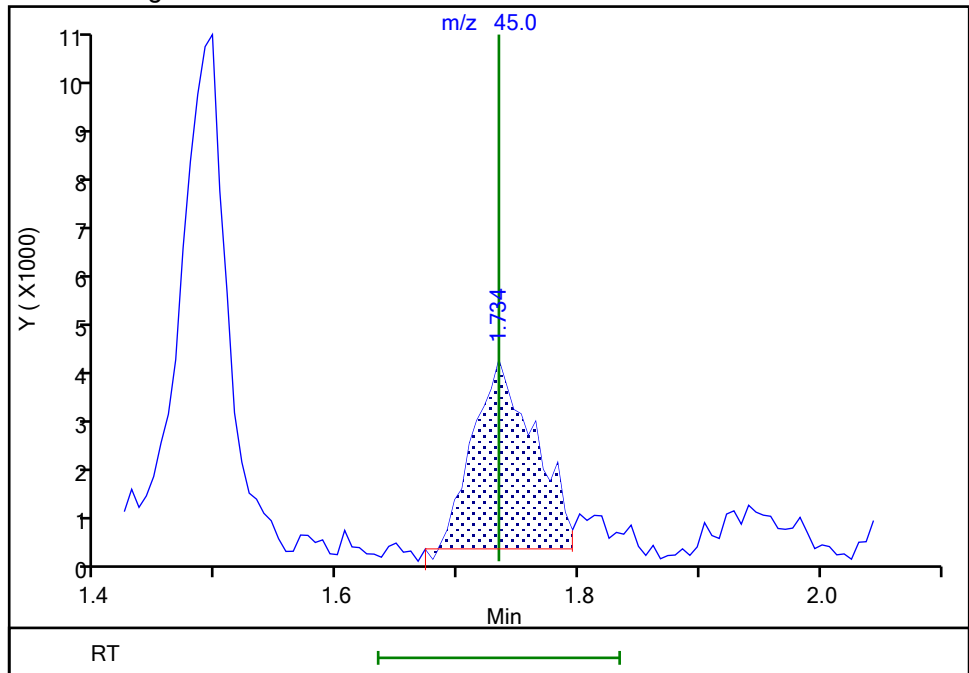
Expected RT: 1.73

Processing Integration Results



RT: 1.73
Area: 13005
Amount: 171.6280
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 18:48:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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)

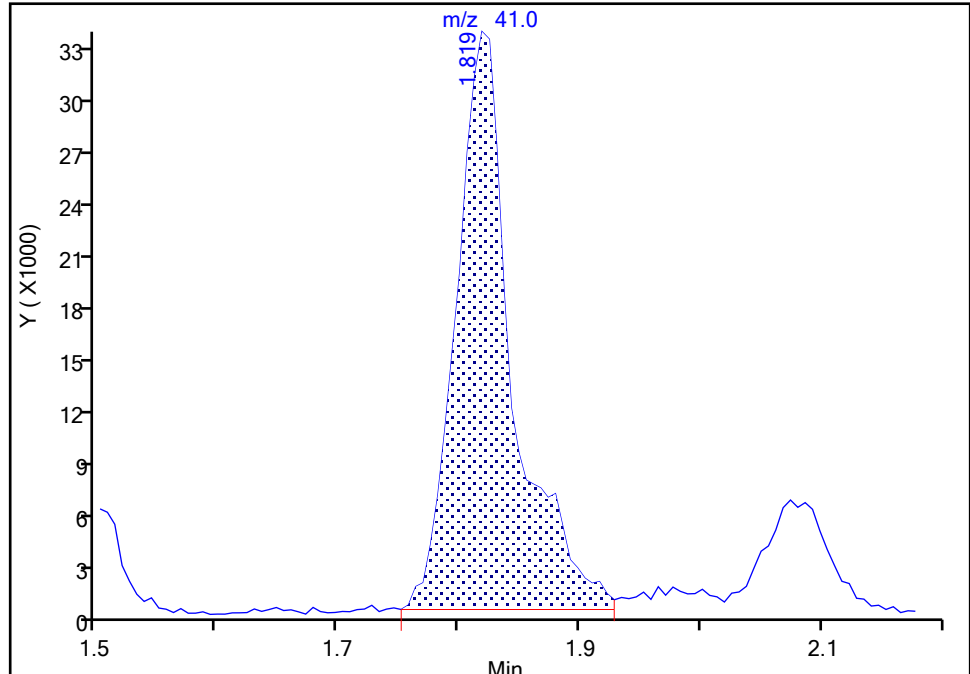
Detector: MS SCAN

30 Acetonitrile, CAS: 75-05-8

Signal: 1

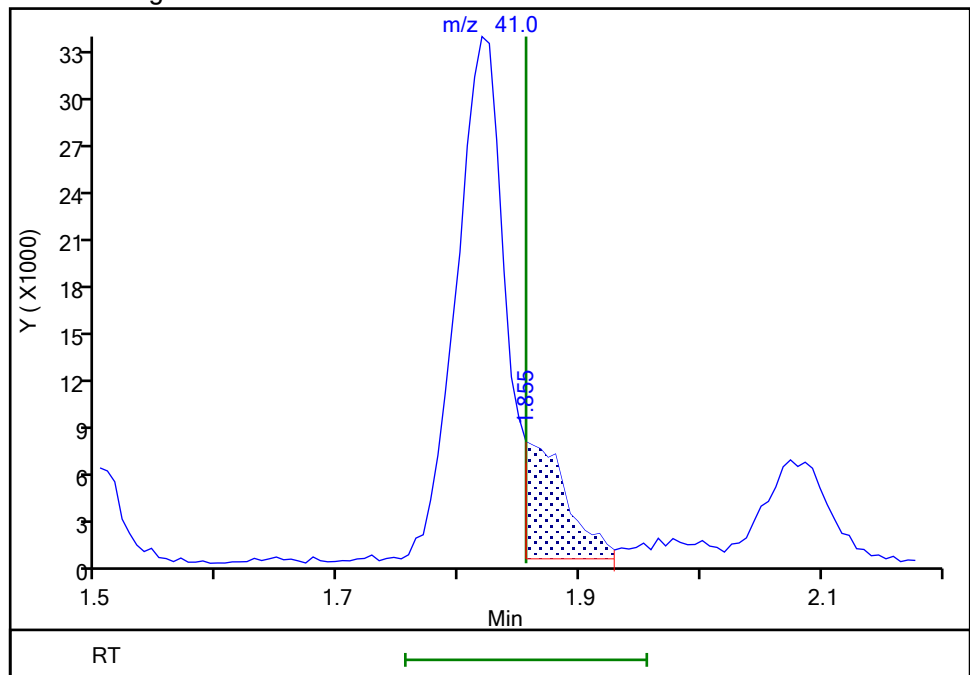
RT: 1.82
Area: 109902
Amount: 1195.8253
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 18843
Amount: 205.0275
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:05:00

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

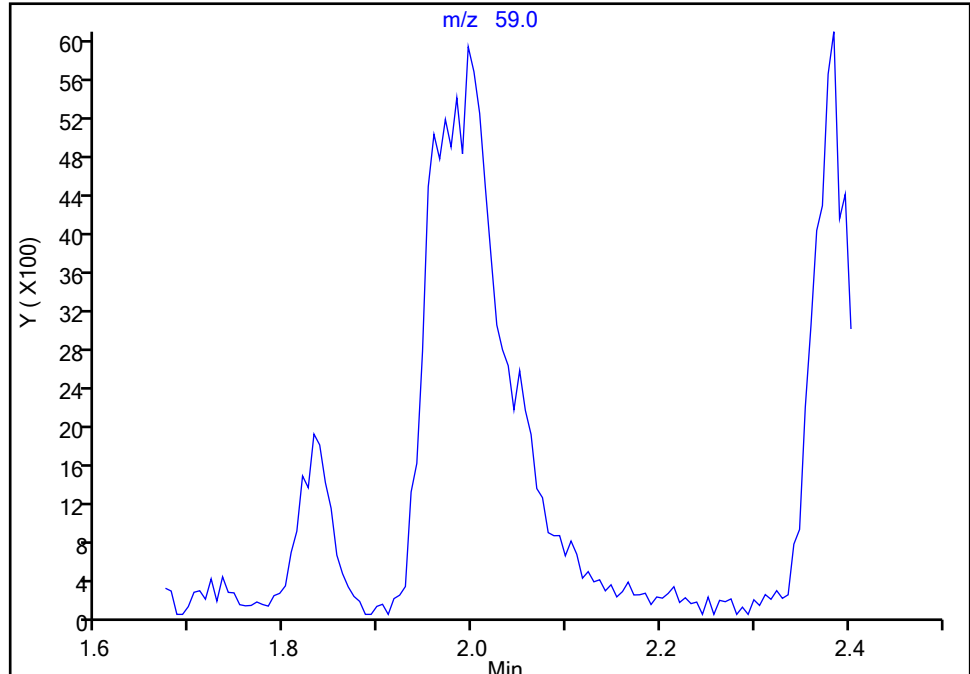
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

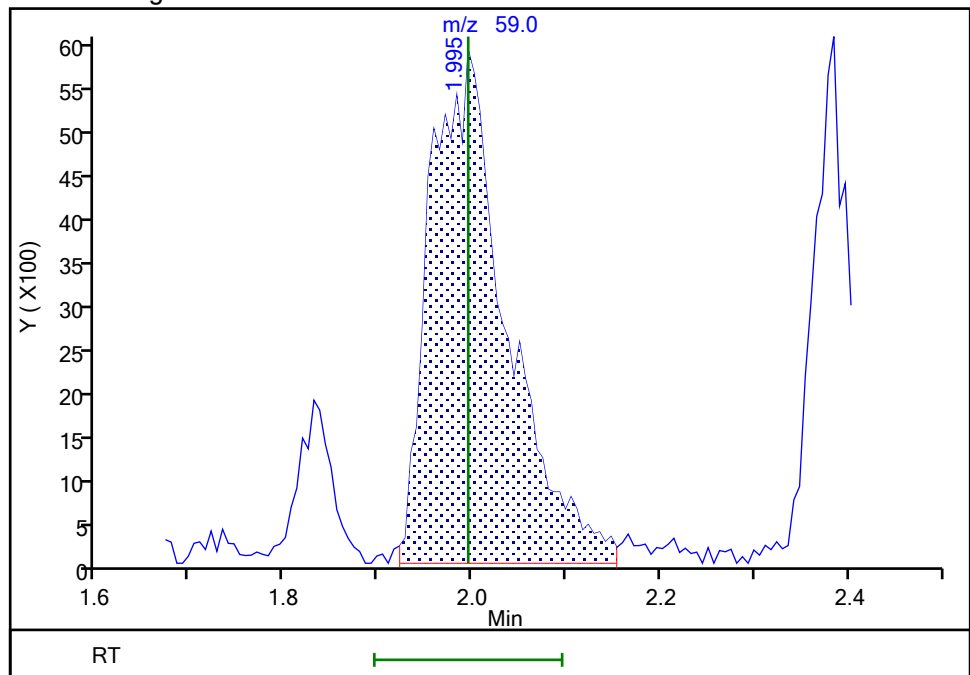
Not Detected

Expected RT: 2.00

Processing Integration Results



Manual Integration Results



RT: 2.00

Area: 33469

Amount: 212.8157

Amount Units: ug/l

Reviewer: C1JX, 30-Oct-2022 18:48:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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)

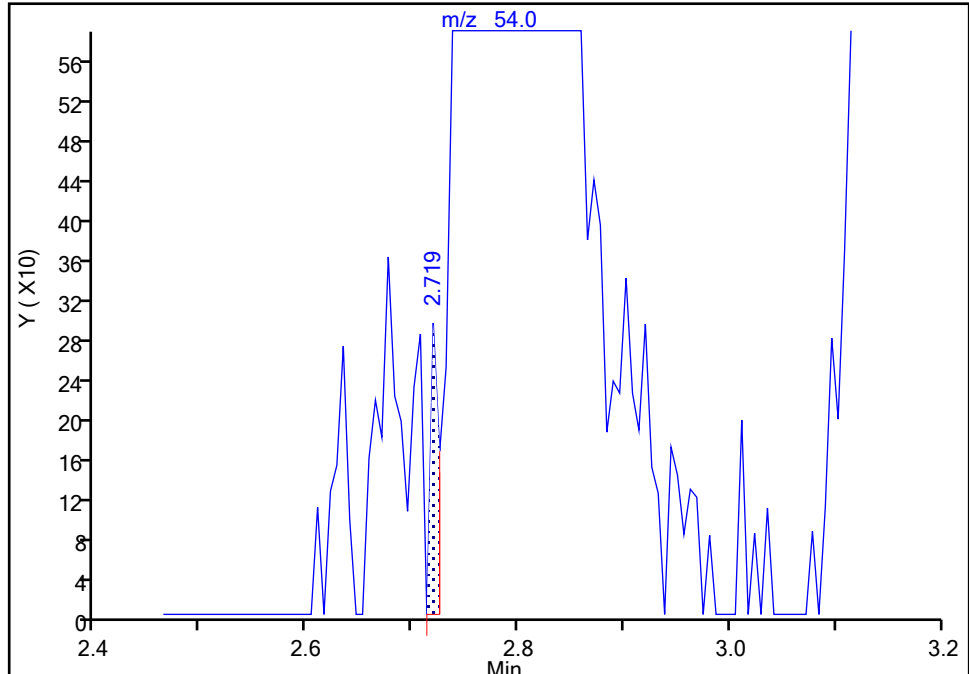
Detector: MS SCAN

49 Propionitrile, CAS: 107-12-0

Signal: 1

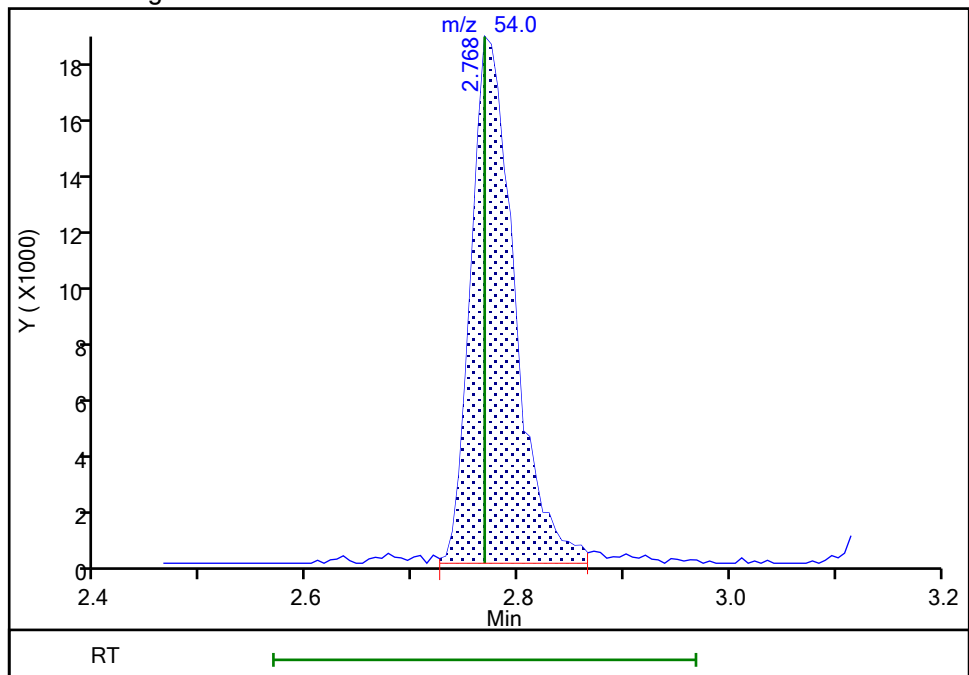
RT: 2.72
Area: 166
Amount: 0.652793
Amount Units: ug/l

Processing Integration Results



RT: 2.77
Area: 54268
Amount: 213.4081
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 18:48:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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)

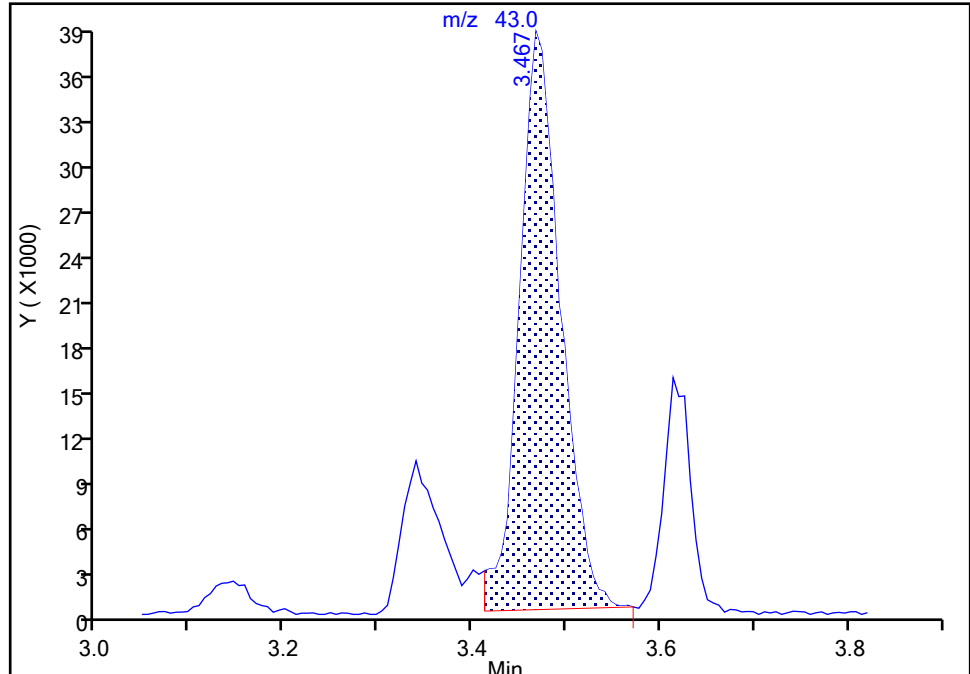
Detector: MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

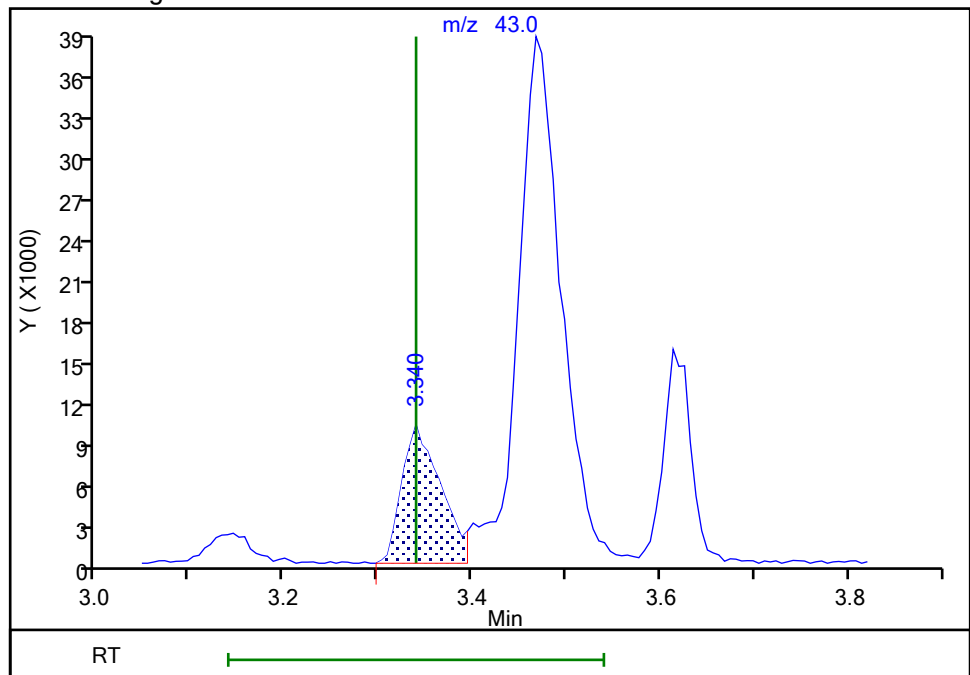
RT: 3.47
Area: 115738
Amount: 1945.9484
Amount Units: ug/l

Processing Integration Results



RT: 3.34
Area: 28865
Amount: 485.3186
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:10:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57354.D

Injection Date: 30-Oct-2022 18:30:30

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

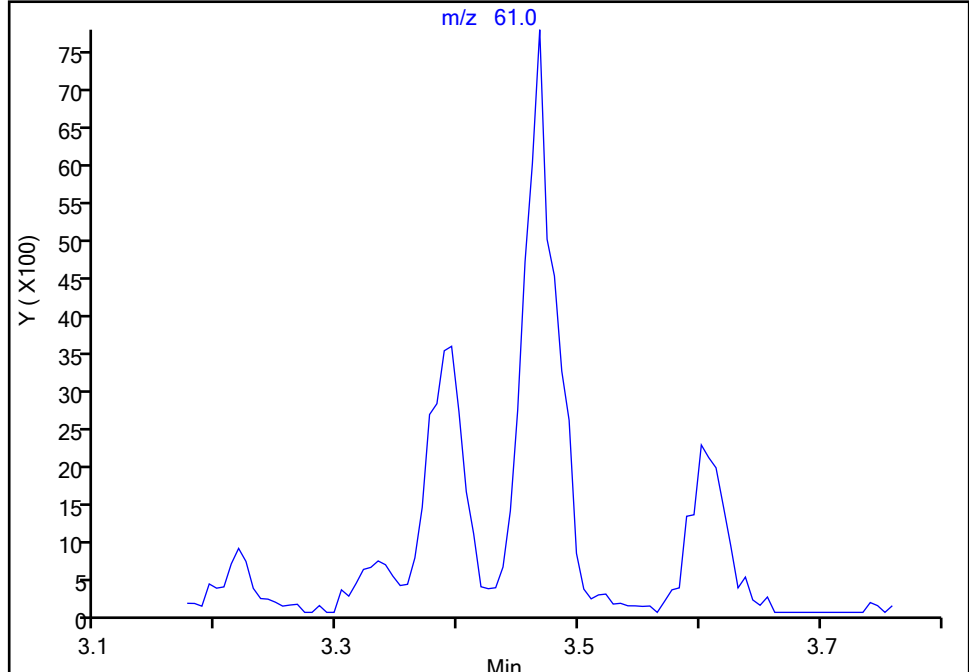
64 Isopropyl acetate, CAS: 108-21-4

Signal: 1

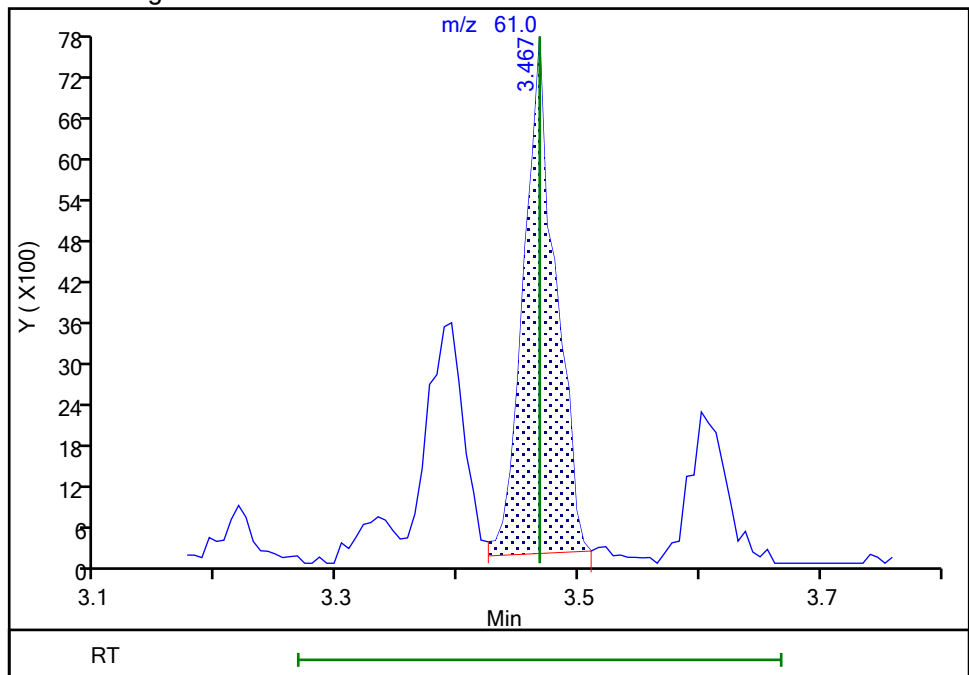
Not Detected

Expected RT: 3.47

Processing Integration Results



Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 18:48:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57141.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 25-Oct-2022 06:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0152213-001
Operator ID: Instrument ID: CVOAMS11
Method: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\8260W_11.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 26-Oct-2022 19:41:39 Calib Date: 25-Oct-2022 15:20:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1607

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 140 BFB	95	2.185	2.185	0.000	85	93846	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00032

Amount Added: 1.00

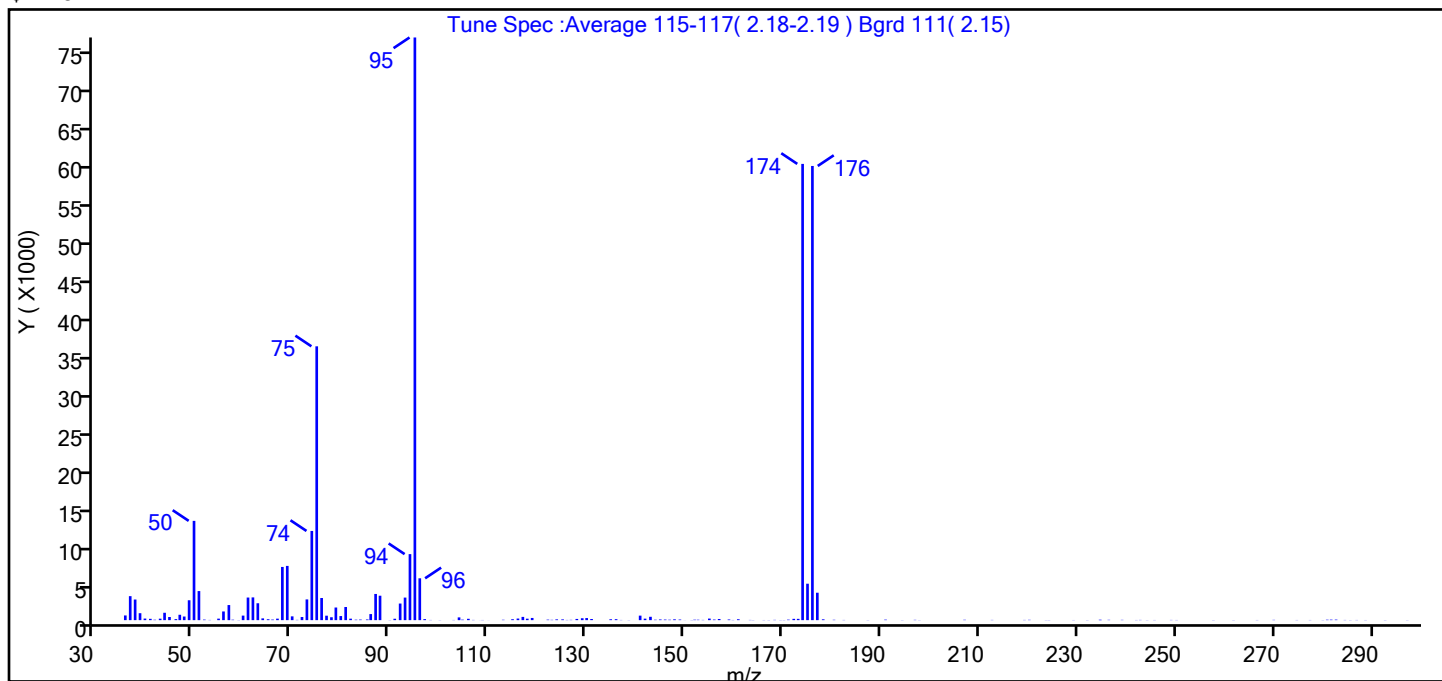
Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57141.D
Injection Date: 25-Oct-2022 06:01:30 Instrument ID: CVOAMS11
Lims ID: BFB
Client ID:
Operator ID:
Injection Vol: 5.0 mL
Method: 8260W_11
Tune Method: BFB Method 8260

ALS Bottle#: 99 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid

\$ 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	47.0
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.2 (0.3)
174	50 to 120% of m/z 95	78.3
175	5 to 9% of m/z 174	6.3 (8.0)
176	Greater than 95% but less than 101% of m/z 174	77.9 (99.5)
177	5 to 9% of m/z 176	4.7 (6.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57141.D\8260W_11.rslt\spectra.d
Injection Date: 25-Oct-2022 06:01:30
Spectrum: Tune Spec :Average 115-117(2.18-2.19) Bgrd 111(2.15)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 166

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	615	79.00	1656	130.00	272	182.00	26
37.00	3146	80.00	538	131.00	150	187.00	18
38.00	2704	81.00	1722	135.00	116	191.00	66
39.00	911	82.00	193	136.00	126	194.00	18
40.00	207	83.00	60	137.00	25	197.00	40
41.00	173	84.00	76	139.00	17	198.00	16
42.00	54	85.00	87	141.00	591	207.00	48
43.00	193	86.00	796	142.00	196	213.00	30
44.00	967	87.00	3433	143.00	440	219.00	29
45.00	411	88.00	3203	144.00	57	220.00	43
46.00	134	90.00	18	145.00	90	224.00	17
47.00	705	91.00	183	146.00	76	224.00	19
48.00	475	92.00	2177	147.00	57	229.00	20
49.00	2608	93.00	2958	148.00	107	232.00	19
50.00	13017	94.00	8657	149.00	79	235.00	47
51.00	3812	95.00	76400	150.00	8	235.00	35
52.00	72	96.00	5487	151.00	19	236.00	43
53.00	27	97.00	135	152.00	59	239.00	39
55.00	197	98.00	25	153.00	56	242.00	22
56.00	1139	100.00	17	154.00	30	243.00	30
57.00	1978	103.00	25	155.00	204	244.00	17
58.00	59	104.00	361	156.00	76	246.00	22
59.00	19	105.00	65	157.00	151	249.00	28
60.00	595	106.00	177	159.00	88	250.00	22
61.00	2964	107.00	29	160.00	23	258.00	19
62.00	2982	108.00	7	161.00	116	262.00	18
63.00	2215	109.00	22	163.00	28	267.00	21
64.00	232	110.00	7	164.00	19	270.00	37
65.00	120	113.00	50	166.00	20	275.00	22
66.00	76	115.00	120	167.00	19	277.00	22
67.00	196	116.00	210	168.00	36	280.00	17
68.00	6975	117.00	426	170.00	19	281.00	58
69.00	7111	118.00	191	170.00	19	282.00	67

Report Date: 26-Oct-2022 19:41:40

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57141.D\8260W_11.rslt\spectra.d

Injection Date: 25-Oct-2022 06:01:30

Spectrum: Tune Spec :Average 115-117(2.18-2.19) Bgrd 111(2.15)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 166

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	496	119.00	287	171.00	67	283.00	71
71.00	35	122.00	68	172.00	171	284.00	26
72.00	410	123.00	41	173.00	170	286.00	18
73.00	2718	124.00	102	174.00	59824	287.00	24
74.00	11695	125.00	99	175.00	4777	289.00	20
75.00	35904	126.00	27	176.00	59552	293.00	19
76.00	2904	127.00	40	177.00	3595	297.00	17
77.00	583	128.00	158	178.00	107		
78.00	381	129.00	248	180.00	48		

Report Date: 26-Oct-2022 19:41:40

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57141.D

Injection Date: 25-Oct-2022 06:01:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

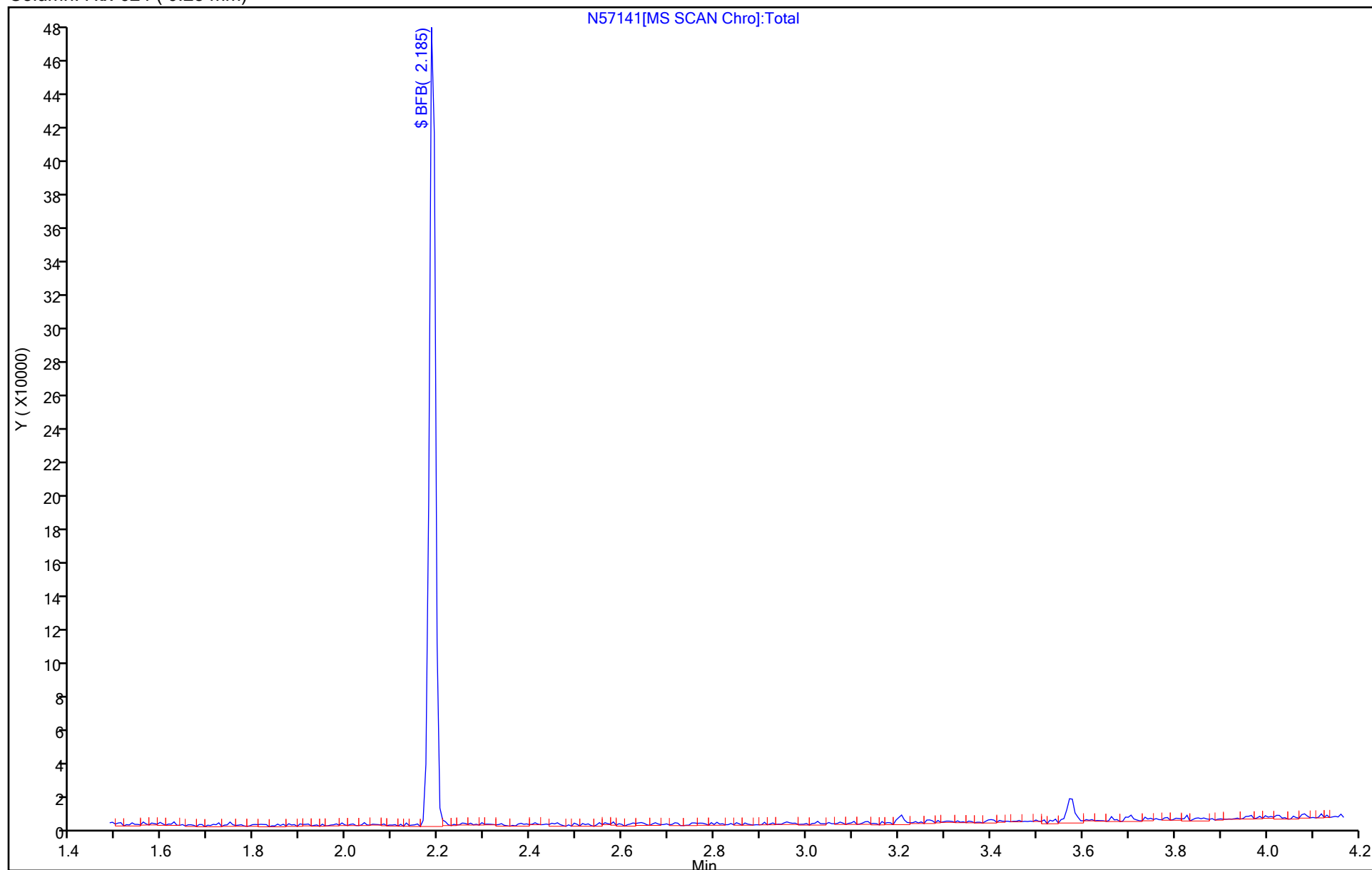
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875099/9</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57361.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 21:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27
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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31
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
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
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
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	28
78-93-3	2-Butanone (MEK)	5.0	U	5.0	1.9
591-78-6	2-Hexanone	5.0	U	5.0	1.1
75-65-0	2-Methyl-2-propanol	10	U	10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
67-64-1	Acetone	5.0	U	5.0	4.4
71-43-2	Benzene	1.0	U	1.0	0.20
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
74-97-5	Chlorobromomethane	1.0	U	1.0	0.41
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.28
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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875099/9</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57361.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 21:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
110-82-7	Cyclohexane	1.0	U	1.0	0.32
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.31
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	1.0	U	1.0	0.34
79-20-9	Methyl acetate	5.0	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.22
108-87-2	Methylcyclohexane	1.0	U	1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.30
95-47-6	o-Xylene	1.0	U	1.0	0.36
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
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.32
75-01-4	Vinyl chloride	1.0	U	1.0	0.17
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	114		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875099/9</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57361.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 21:11</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57361.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 30-Oct-2022 21:11:30 ALS Bottle#: 25 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152503-009
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:12:28 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:32:48

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	1.946	1.928	0.018	69	42719	1000.0	1000.0	
* 43 2-Butanone-d5	46	2.701	2.695	0.006	97	161750	250.0	250.0	
\$ 56 Dibromofluoromethane (Surr)	113	3.078	3.072	0.006	97	84018	50.0	53.5	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.334	-0.001	82	88806	50.0	52.6	
* 67 Fluorobenzene	96	3.613	3.607	0.006	99	335226	50.0	50.0	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	74	15637	1000.0	1000.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	100	316323	50.0	51.8	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	85	256253	50.0	50.0	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	91	110743	50.0	57.0	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	95	147665	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57361.D

Injection Date: 30-Oct-2022 21:11:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

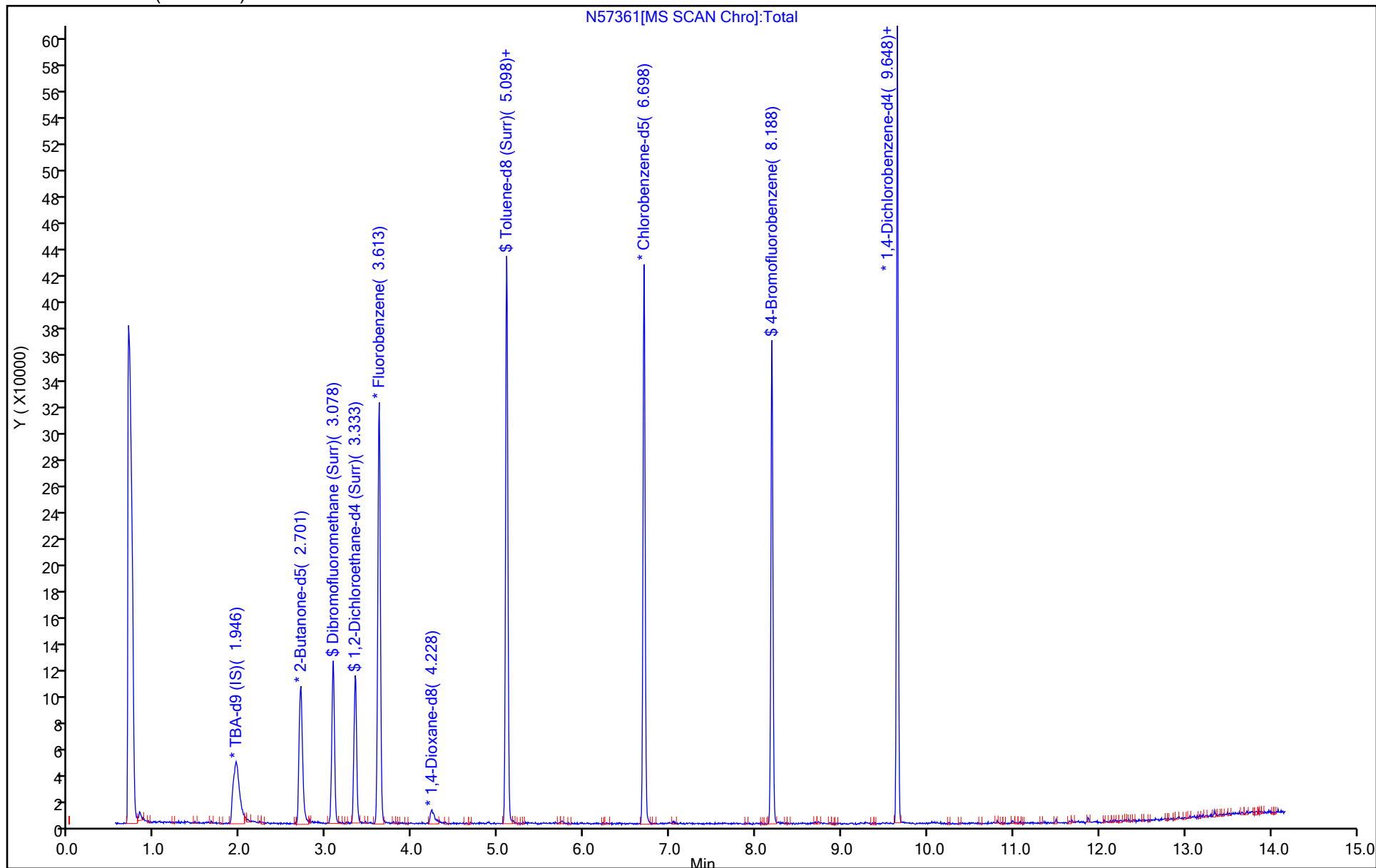
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57361.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 30-Oct-2022 21:11:30 ALS Bottle#: 25 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152503-009
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:12:28 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: KG2Q

Date: 31-Oct-2022 07:32:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	53.5	106.97
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.19
\$ 84 Toluene-d8 (Surr)	50.0	51.8	103.63
\$ 106 4-Bromofluorobenzene	50.0	57.0	113.94

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57361.D

Injection Date: 30-Oct-2022 21:11:30

Instrument ID: CVOAMS11

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_11

Limit Group:

VOA - 8260D Water and Solid

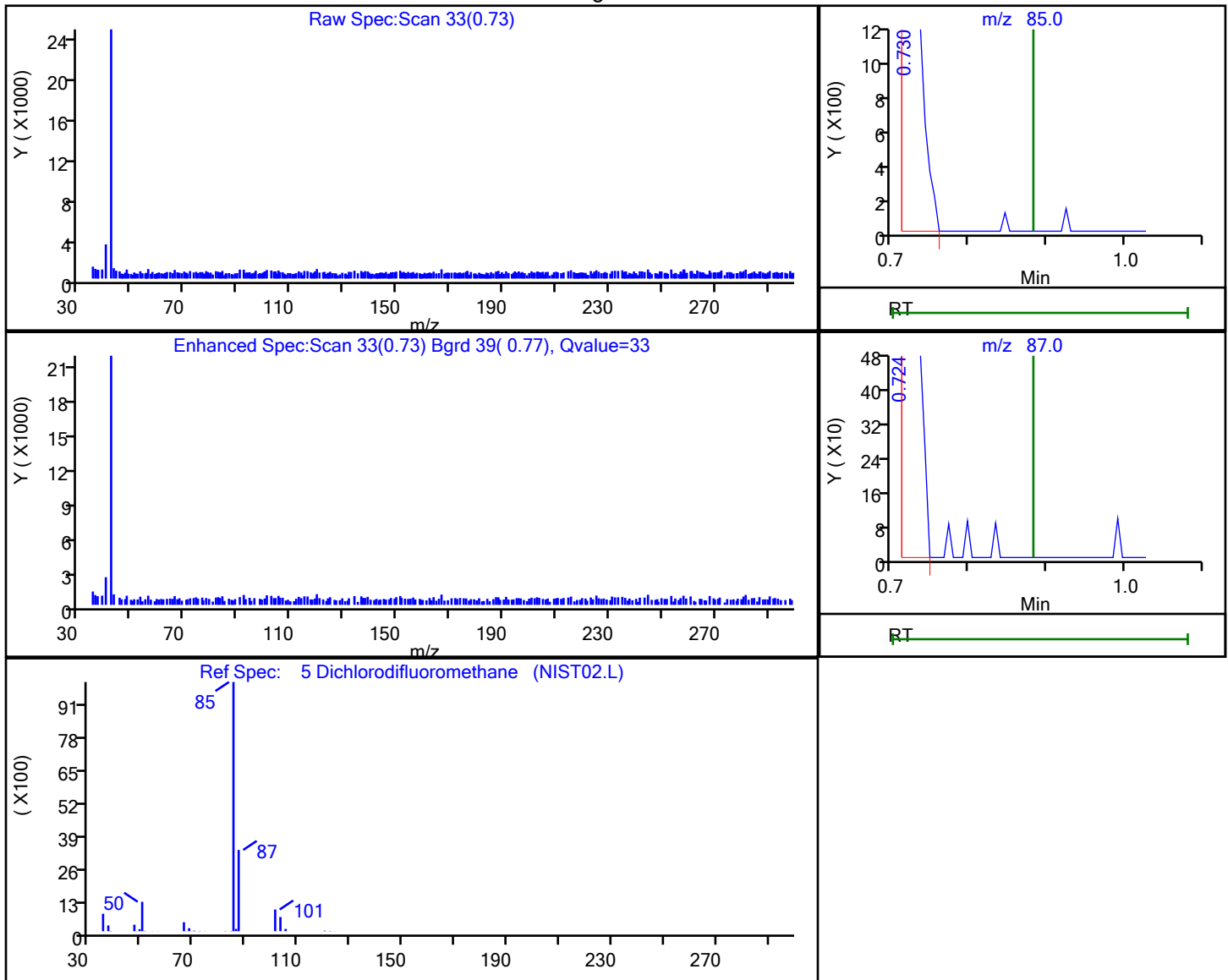
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.73	85.00	1980	0.680906
0.72	87.00	1113	

Reviewer: C1JX, 30-Oct-2022 21:37:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875099/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57356.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 19:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.3		1.0	0.27
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.7		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.20
75-34-3	1,1-Dichloroethane	19.7		1.0	0.26
75-35-4	1,1-Dichloroethene	20.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	30.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.4		1.0	0.21
107-06-2	1,2-Dichloroethane	19.4		1.0	0.43
78-87-5	1,2-Dichloropropane	19.3		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.4		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.33
123-91-1	1,4-Dioxane	455		50	28
78-93-3	2-Butanone (MEK)	101		5.0	1.9
591-78-6	2-Hexanone	109		5.0	1.1
75-65-0	2-Methyl-2-propanol	210		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	102		5.0	1.3
67-64-1	Acetone	96.7		5.0	4.4
71-43-2	Benzene	19.2		1.0	0.20
75-25-2	Bromoform	17.8		1.0	0.54
74-83-9	Bromomethane	17.4		1.0	0.55
75-15-0	Carbon disulfide	20.8		1.0	0.82
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
74-97-5	Chlorobromomethane	21.1		1.0	0.41
124-48-1	Chlorodibromomethane	19.1		1.0	0.28
75-00-3	Chloroethane	18.0		1.0	0.32
67-66-3	Chloroform	20.6		1.0	0.33
74-87-3	Chloromethane	17.0		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875099/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57356.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 19:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.22
110-82-7	Cyclohexane	19.7		1.0	0.32
75-27-4	Dichlorobromomethane	20.4		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.31
100-41-4	Ethylbenzene	21.2		1.0	0.30
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	21.5		1.0	0.34
79-20-9	Methyl acetate	36.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.5		1.0	0.22
108-87-2	Methylcyclohexane	21.2		1.0	0.71
75-09-2	Methylene Chloride	20.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.5		1.0	0.30
95-47-6	o-Xylene	21.7		1.0	0.36
100-42-5	Styrene	21.2		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	21.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	17.4		1.0	0.22
79-01-6	Trichloroethene	20.3		1.0	0.31
75-69-4	Trichlorofluoromethane	16.6		1.0	0.32
75-01-4	Vinyl chloride	15.5		1.0	0.17
1330-20-7	Xylenes, Total	42.2		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 30-Oct-2022 19:16:30 ALS Bottle#: 20 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152503-004
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:36:55 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: W9CM

Date: 01-Nov-2022 23:08:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.870	0.870	0.000	59	19322	20.0	16.7	
6 Chlorodifluoromethane	51	0.882	0.876	0.006	96	86727	20.0	17.9	a
5 Dichlorodifluoromethane	85	0.882	0.882	0.000	58	56492	20.0	17.5	M
7 Chloromethane	52	0.997	0.985	0.012	99	21198	20.0	17.0	M
9 Butadiene	54	1.040	1.034	0.006	93	44707	20.0	19.2	
8 Vinyl chloride	62	1.040	1.052	-0.012	75	39307	20.0	15.5	
10 Bromomethane	94	1.210	1.204	0.006	98	34776	20.0	17.4	
11 Chloroethane	64	1.241	1.229	0.012	98	26674	20.0	18.0	
12 Dichlorofluoromethane	67	1.350	1.350	0.000	98	73393	20.0	17.8	
14 Pentane	72	1.387	1.381	0.006	94	11046	40.0	30.6	
13 Trichlorofluoromethane	101	1.393	1.393	0.000	52	54442	20.0	16.6	M
15 Ethanol	46	1.472	1.484	-0.012	67	6442	800.0	925.9	
16 Ethyl ether	74	1.490	1.490	0.000	93	20547	20.0	18.2	
17 2-Methyl-1,3-butadiene	53	1.514	1.502	0.012	95	31976	20.0	16.8	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.521	1.521	0.000	90	34797	20.0	17.3	M
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.557	1.557	0.000	93	64927	20.0	19.3	a
20 Acrolein	56	1.563	1.563	0.000	70	12882	40.0	35.7	
22 1,1-Dichloroethene	96	1.630	1.618	0.012	97	42229	20.0	20.6	
23 Acetone	58	1.642	1.642	0.000	88	17074	100.0	96.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.654	1.661	-0.007	82	44175	20.0	18.7	
24 Iodomethane	142	1.709	1.709	0.000	97	88594	20.0	22.2	
25 Isopropyl alcohol	45	1.734	1.734	0.000	25	21550	200.0	236.7	a
26 Carbon disulfide	76	1.752	1.746	0.006	98	160239	20.0	20.8	
27 3-Chloro-1-propene	76	1.825	1.819	0.006	92	31320	20.0	19.2	
28 Methyl acetate	74	1.843	1.831	0.012	99	13499	40.0	36.3	
30 Acetonitrile	41	1.873	1.855	0.018	19	15145	200.0	137.2	a
29 Cyclopentene	67	1.873	1.874	-0.001	88	90815	20.0	18.5	
32 Methylene Chloride	84	1.898	1.898	0.000	88	50430	20.0	20.3	
* 31 TBA-d9 (IS)	46	1.953	1.928	0.024	68	47401	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.995	1.995	0.000	91	39642	200.0	209.8	a
36 Acrylonitrile	53	2.044	2.038	0.006	97	155052	200.0	182.3	

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	2.062	2.056	0.006	92	49421	20.0	21.7	
34 Methyl tert-butyl ether	73	2.080	2.080	0.000	96	126352	20.0	20.5	
37 Hexane	56	2.232	2.233	-0.001	91	19421	20.0	18.1	
39 1,1-Dichloroethane	63	2.324	2.324	0.000	99	78030	20.0	19.7	
40 Vinyl acetate	86	2.366	2.360	0.006	100	17302	40.0	41.5	
38 Isopropyl ether	45	2.384	2.385	-0.001	84	122529	20.0	19.0	
41 2-Chloro-1,3-butadiene	88	2.384	2.385	-0.001	77	40698	20.0	19.8	
42 Tert-butyl ethyl ether	59	2.634	2.634	0.000	90	139205	20.0	22.3	
* 43 2-Butanone-d5	46	2.689	2.695	-0.006	94	177206	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	98	52053	20.0	20.7	
44 2,2-Dichloropropane	79	2.731	2.737	-0.006	64	22534	20.0	20.2	a
46 2-Butanone (MEK)	72	2.743	2.737	0.006	94	23587	100.0	100.8	
49 Propionitrile	54	2.774	2.768	0.006	95	56497	200.0	184.9	a
47 Ethyl acetate	70	2.780	2.774	0.006	99	8412	40.0	37.8	
48 Methyl acrylate	55	2.804	2.804	0.000	99	43558	20.0	18.7	
52 Methacrylonitrile	67	2.889	2.883	0.006	89	173984	200.0	196.9	
51 Chlorobromomethane	128	2.889	2.890	-0.001	51	25858	20.0	21.1	
50 Tetrahydrofuran	72	2.944	2.938	0.006	92	11818	40.0	41.4	
53 Chloroform	83	2.950	2.950	0.000	99	79091	20.0	20.6	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	82826	50.0	47.4	
55 1,1,1-Trichloroethane	97	3.096	3.096	0.000	98	66194	20.0	20.8	
54 Cyclohexane	84	3.139	3.139	0.000	92	60711	20.0	19.7	
58 1,1-Dichloropropene	75	3.212	3.212	0.000	97	58590	20.0	20.1	
57 Carbon tetrachloride	117	3.224	3.230	-0.006	85	55012	20.0	20.7	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.334	-0.001	82	88768	50.0	47.3	
59 Isobutyl alcohol	43	3.346	3.340	0.006	34	30354	500.0	424.8	a
61 Benzene	78	3.376	3.376	0.000	94	178746	20.0	19.2	
65 1,2-Dichloroethane	62	3.388	3.388	0.000	97	55681	20.0	19.4	
60 Isooctane	57	3.455	3.455	0.000	95	76526	20.0	18.8	
64 Isopropyl acetate	61	3.467	3.467	0.000	97	14420	20.0	19.7	a
63 Tert-amyl methyl ether	73	3.498	3.492	0.006	98	122805	20.0	19.9	
* 67 Fluorobenzene	96	3.613	3.607	0.006	99	372833	50.0	50.0	
66 n-Heptane	71	3.619	3.620	-0.001	42	22101	20.0	24.7	
68 n-Butanol	56	3.911	3.912	-0.001	35	20320	500.0	515.1	a
69 Trichloroethene	95	3.930	3.924	0.006	99	44165	20.0	20.3	
70 Ethyl acrylate	99	4.064	4.058	0.006	33	2236	20.0	11.2	a
71 Methylcyclohexane	83	4.100	4.100	0.000	89	59695	20.0	21.2	
72 1,2-Dichloropropane	63	4.124	4.125	-0.001	94	42524	20.0	19.3	
* 73 1,4-Dioxane-d8	96	4.222	4.222	0.000	47	18444	1000.0	1000.0	a
76 Dibromomethane	93	4.222	4.222	0.000	98	27863	20.0	19.7	
74 Methyl methacrylate	100	4.270	4.264	0.006	85	21786	40.0	42.6	
75 1,4-Dioxane	88	4.270	4.271	-0.001	32	9839	400.0	455.3	
77 n-Propyl acetate	43	4.337	4.337	0.000	96	48363	20.0	18.8	
78 Dichlorobromomethane	83	4.386	4.386	0.000	98	54283	20.0	20.4	
79 2-Nitropropane	41	4.611	4.611	0.000	94	14350	40.0	39.2	
80 2-Chloroethyl vinyl ether	63	4.702	4.702	0.000	92	25978	20.0	18.0	
81 Epichlorohydrin	57	4.745	4.745	0.000	99	79520	400.0	410.6	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	66189	20.0	18.5	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.013	0.006	95	176108	100.0	101.6	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	326078	50.0	46.6	
85 Toluene	91	5.165	5.165	0.000	93	185872	20.0	19.9	
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	95	53796	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
87 Ethyl methacrylate	69	5.566	5.566	0.000	88	48131	20.0	19.7	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	95	32587	20.0	19.1	
89 Tetrachloroethene	166	5.749	5.743	0.006	96	43969	20.0	21.3	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	90	65908	20.0	19.5	
91 2-Hexanone	58	5.931	5.931	0.000	94	73169	100.0	108.8	
93 Chlorodibromomethane	129	6.029	6.029	-0.001	98	39383	20.0	19.1	
92 n-Butyl acetate	43	6.114	6.114	0.000	98	52893	20.0	18.5	
94 Ethylene Dibromide	107	6.138	6.138	0.000	99	41658	20.0	19.7	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	84	293897	50.0	50.0	
96 Chlorobenzene	112	6.728	6.728	0.000	96	123217	20.0	19.9	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.844	0.006	96	42910	20.0	20.3	
97 Ethylbenzene	106	6.892	6.893	-0.001	98	66379	20.0	21.2	
99 m-Xylene & p-Xylene	106	7.044	7.045	-0.001	98	79992	20.0	20.5	
100 o-Xylene	106	7.525	7.525	0.000	95	83887	20.0	21.7	
102 Styrene	104	7.549	7.550	-0.001	96	130821	20.0	21.2	
101 n-Butyl acrylate	73	7.586	7.586	0.000	99	33397	20.0	20.6	
104 Bromoform	173	7.744	7.738	0.006	97	24791	20.0	17.8	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	93	63496	20.0	17.9	
105 Isopropylbenzene	105	8.018	8.018	0.000	95	194244	20.0	21.5	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	90	118309	50.0	53.1	
107 Bromobenzene	156	8.346	8.347	-0.001	98	56141	20.0	20.1	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	98	56414	20.0	18.7	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	98	15657	20.0	18.4	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.511	0.000	89	4004	20.0	5.41	
109 N-Propylbenzene	91	8.559	8.559	0.000	100	224140	20.0	20.3	
112 2-Chlorotoluene	91	8.626	8.626	0.000	97	141498	20.0	19.3	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	192873	20.0	20.6	
115 4-Chlorotoluene	91	8.778	8.778	0.000	97	169334	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	93	167622	20.0	20.8	
116 Butyl Methacrylate	87	9.034	9.034	0.000	88	57390	20.0	20.1	
117 tert-Butylbenzene	119	9.228	9.229	-0.001	95	130105	20.0	21.2	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	175819	20.0	20.7	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	182604	20.0	21.2	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	96	102460	20.0	20.4	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	93	179408	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.673	9.673	0.000	95	105431	20.0	19.6	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	167493	20.0	21.9	
124 1,2,3-Trimethylbenzene	105	9.758	9.764	-0.006	98	183200	20.0	19.9	
125 Benzyl chloride	126	9.843	9.843	0.000	99	20159	20.0	20.8	
126 2,3-Dihydroindene	117	9.946	9.947	0.000	94	186176	20.0	20.4	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	96	98866	20.0	20.4	
127 p-Diethylbenzene	119	10.092	10.093	0.000	93	100071	20.0	23.5	
128 n-Butylbenzene	92	10.111	10.111	0.000	98	81137	20.0	22.2	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.804	0.006	95	9425	20.0	21.3	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	98	152175	20.0	22.6	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	96	62501	20.0	22.2	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	94	48980	20.0	23.5	
134 Hexachlorobutadiene	225	11.656	11.656	0.000	95	19492	20.0	23.2	
135 Naphthalene	128	11.686	11.680	0.006	99	111121	20.0	25.2	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	96	36692	20.0	30.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 138 Xylenes, Total	100				0		40.0	42.2	

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

102.4

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00500

Amount Added: 20.00

Units: uL

524freon_00059

Amount Added: 20.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

8260MIX1COMB_00161

Amount Added: 20.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00233

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

Instrument ID: CVOAMS11

Operator ID:

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

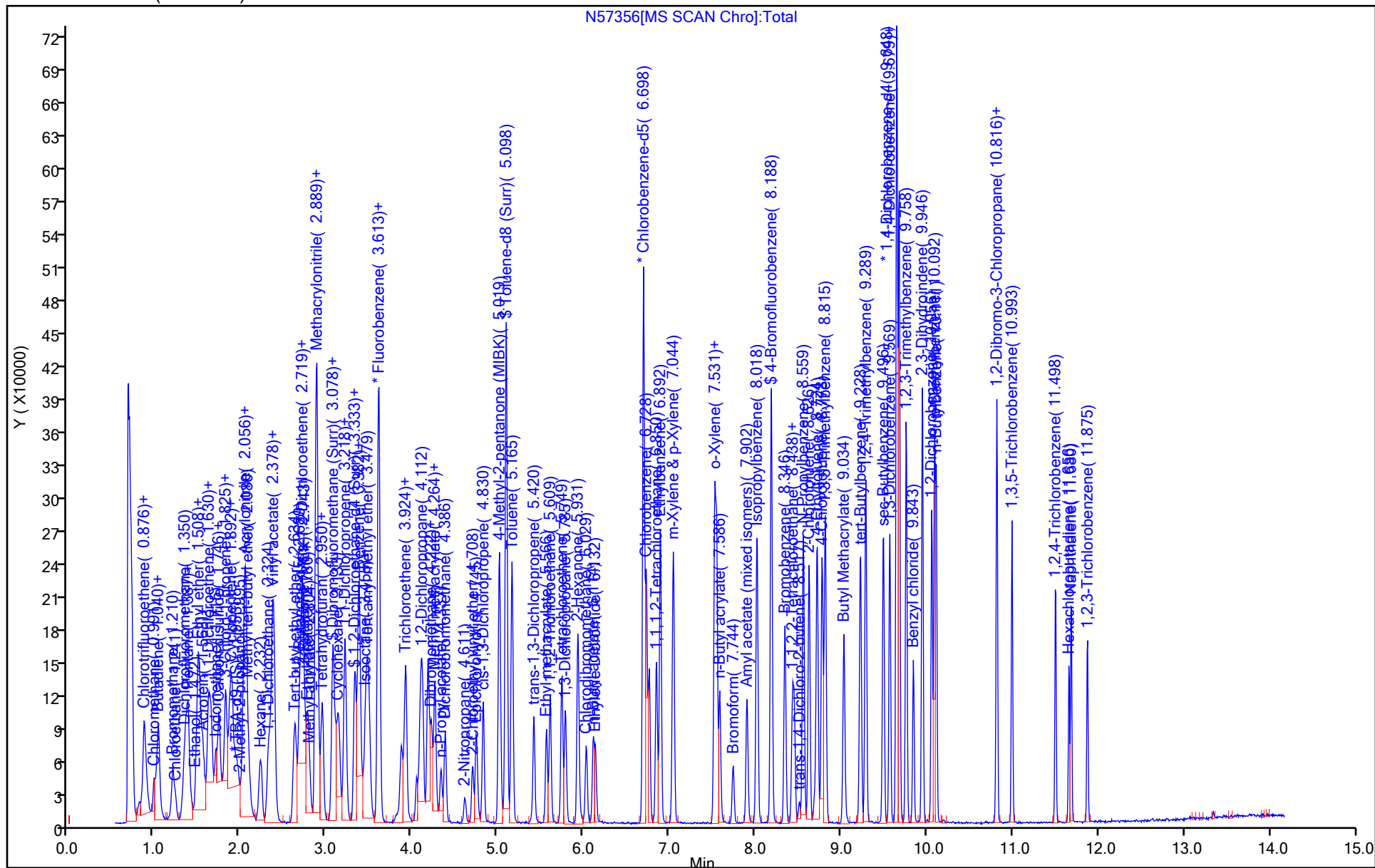
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260W_11

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 30-Oct-2022 19:16:30 ALS Bottle#: 20 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152503-004
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:36:55 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: W9CM

Date: 01-Nov-2022 23:08:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	47.4	94.81
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.54
\$ 84 Toluene-d8 (Surr)	50.0	46.6	93.14
\$ 106 4-Bromofluorobenzene	50.0	53.1	106.13

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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

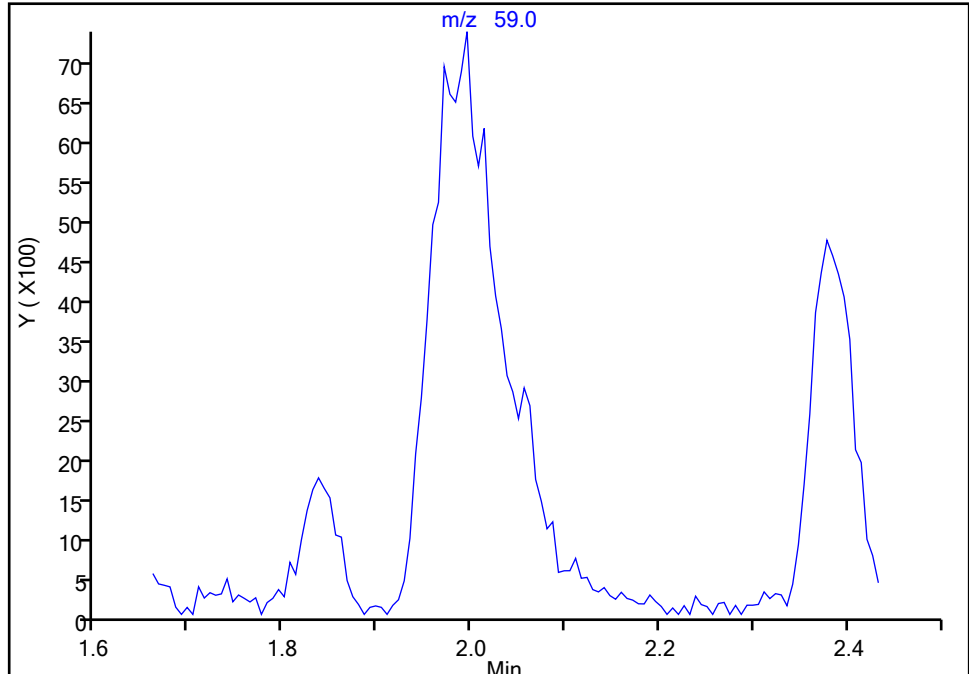
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

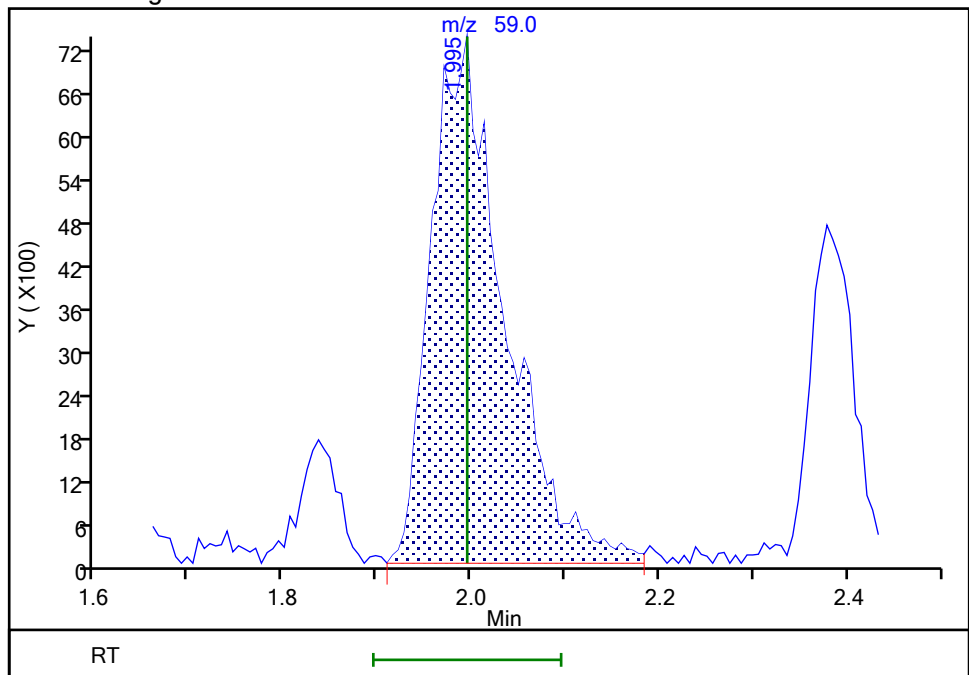
Not Detected

Expected RT: 2.00

Processing Integration Results



Manual Integration Results



RT: 2.00

Area: 39642

Amount: 209.8336

Amount Units: ug/l

Reviewer: C1JX, 30-Oct-2022 22:11:15

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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)

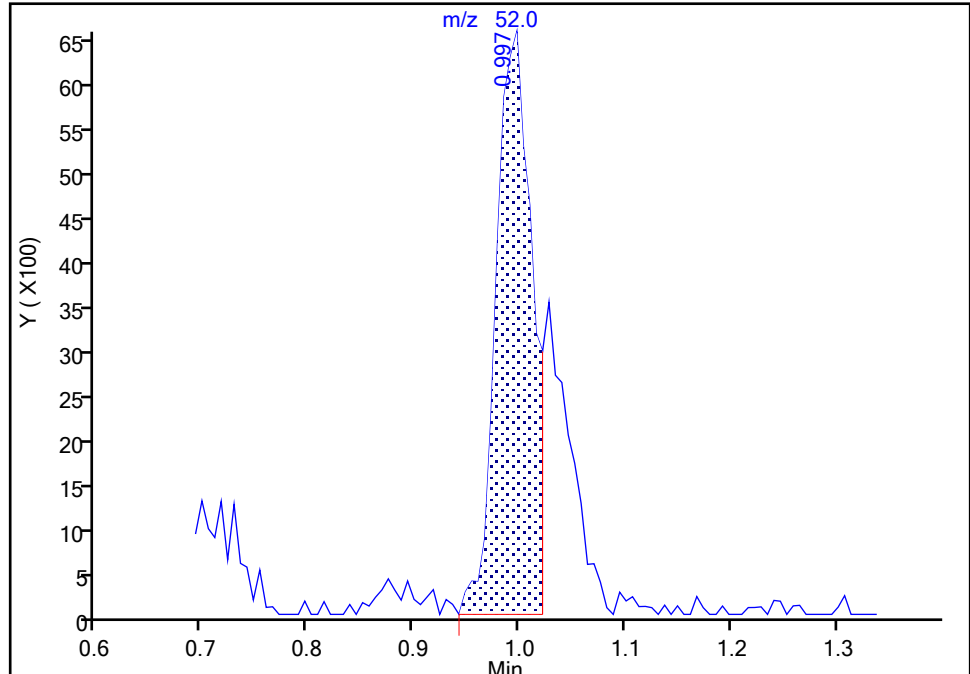
Detector: MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

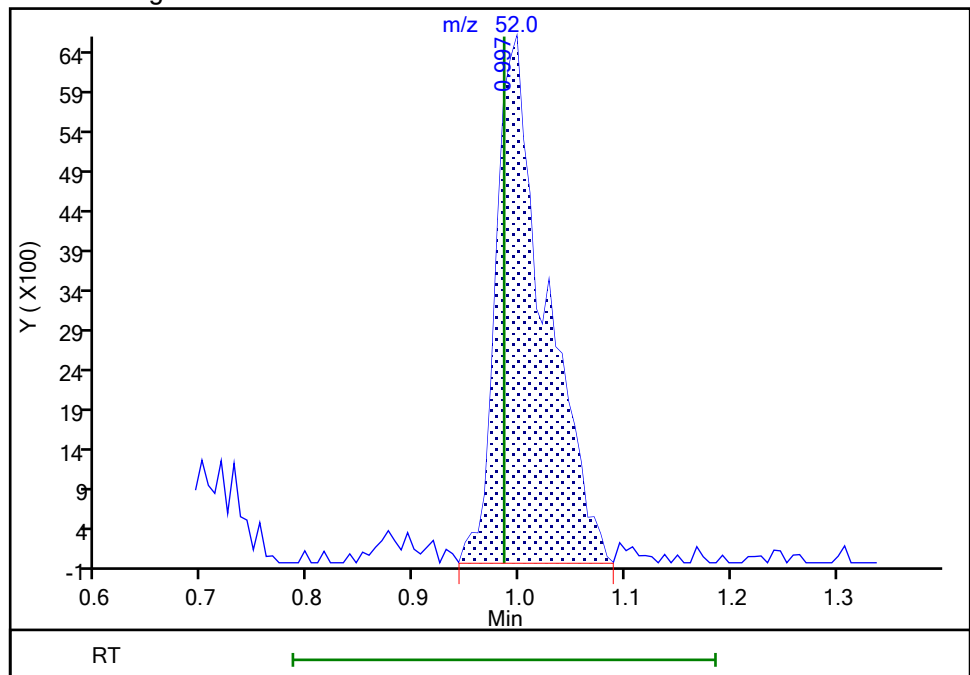
RT: 1.00
Area: 15579
Amount: 12.473289
Amount Units: ug/l

Processing Integration Results



RT: 1.00
Area: 21198
Amount: 16.972128
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:07:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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

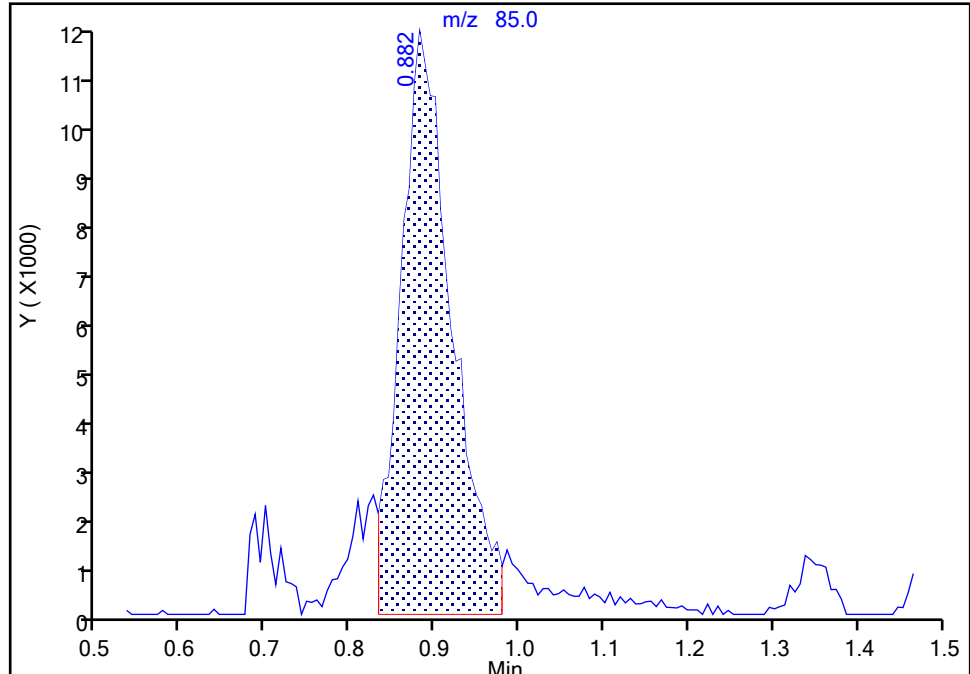
MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

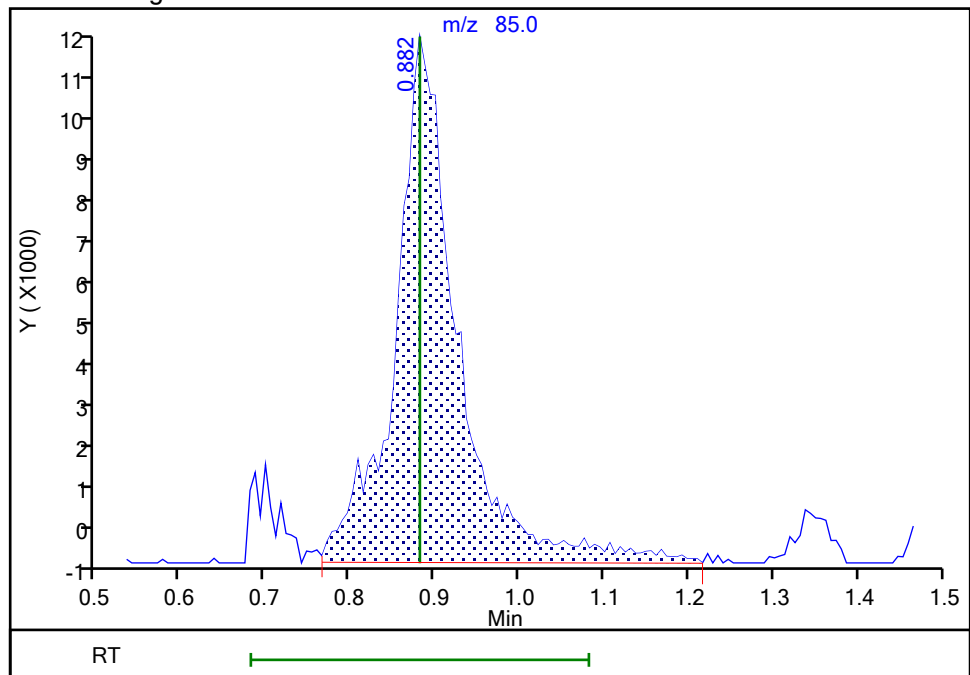
RT: 0.88
Area: 46652
Amount: 14.424997
Amount Units: ug/l

Processing Integration Results



RT: 0.88
Area: 56492
Amount: 17.467567
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:10:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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

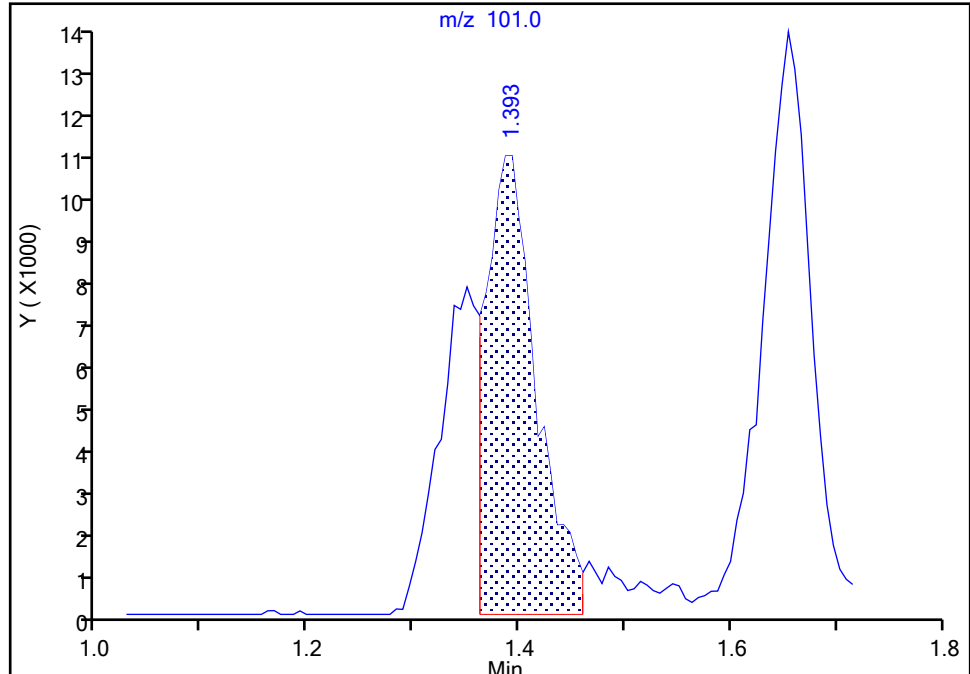
MS SCAN

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

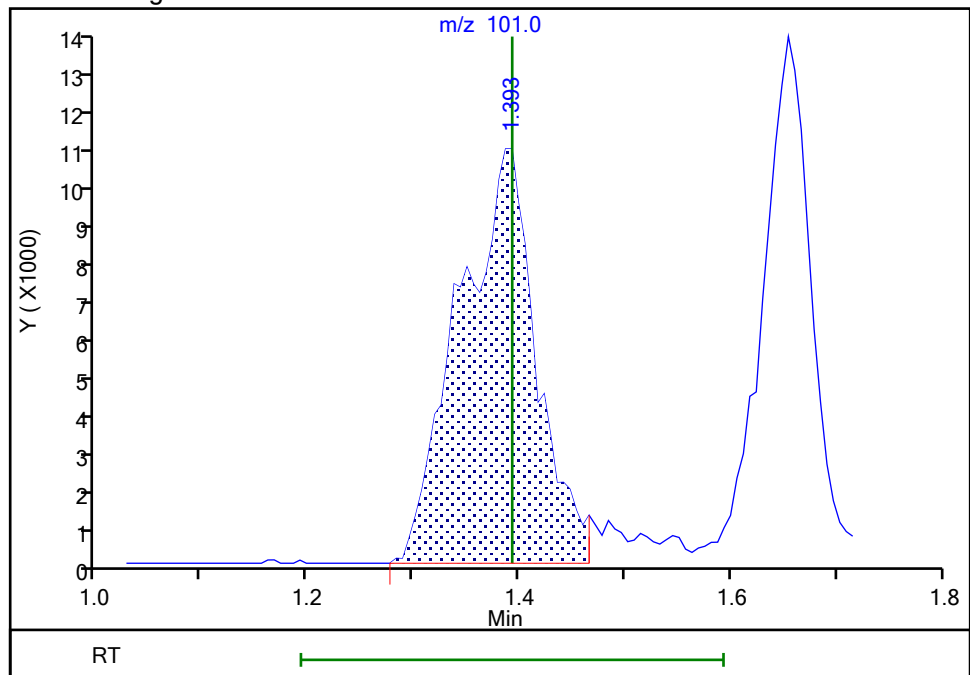
RT: 1.39
Area: 35948
Amount: 10.939010
Amount Units: ug/l

Processing Integration Results



RT: 1.39
Area: 54442
Amount: 16.566751
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:11:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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)

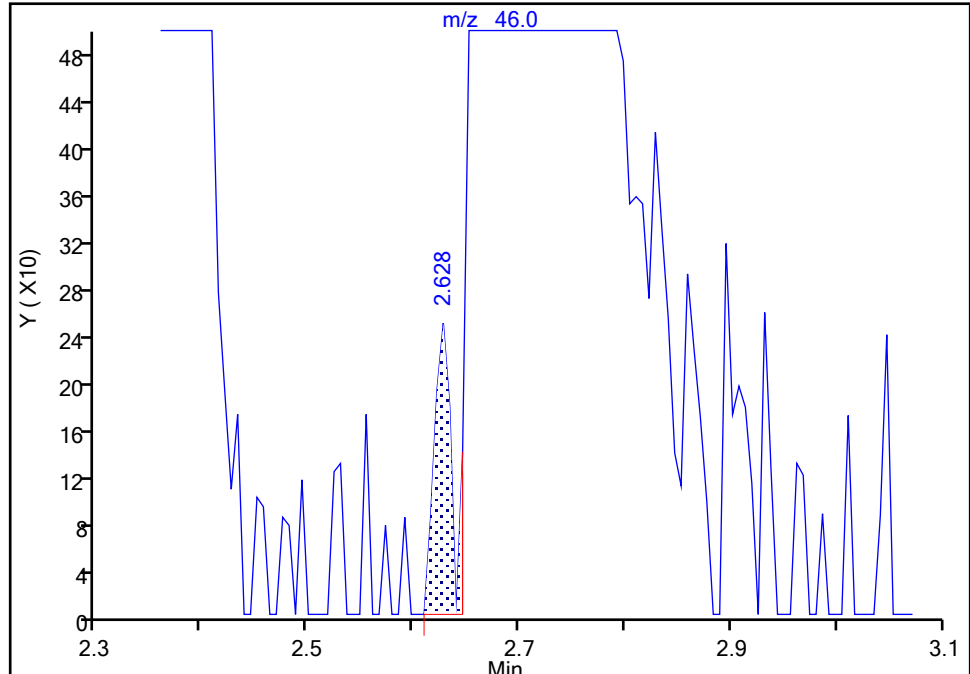
Detector: MS SCAN

* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

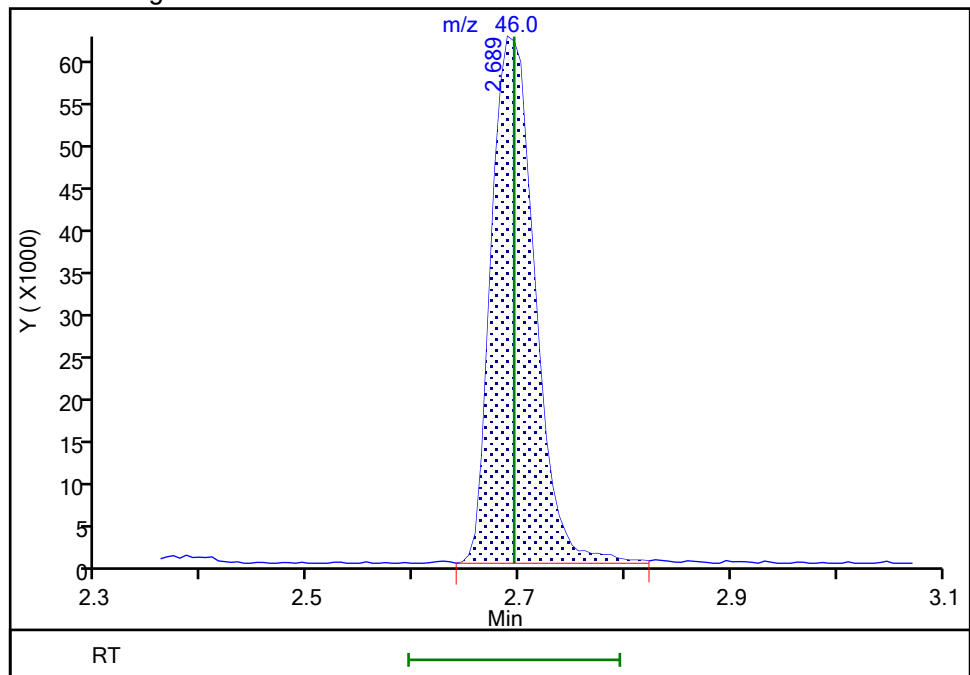
RT: 2.63
Area: 306
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 177206
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:10:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57356.D

Injection Date: 30-Oct-2022 19:16:30

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

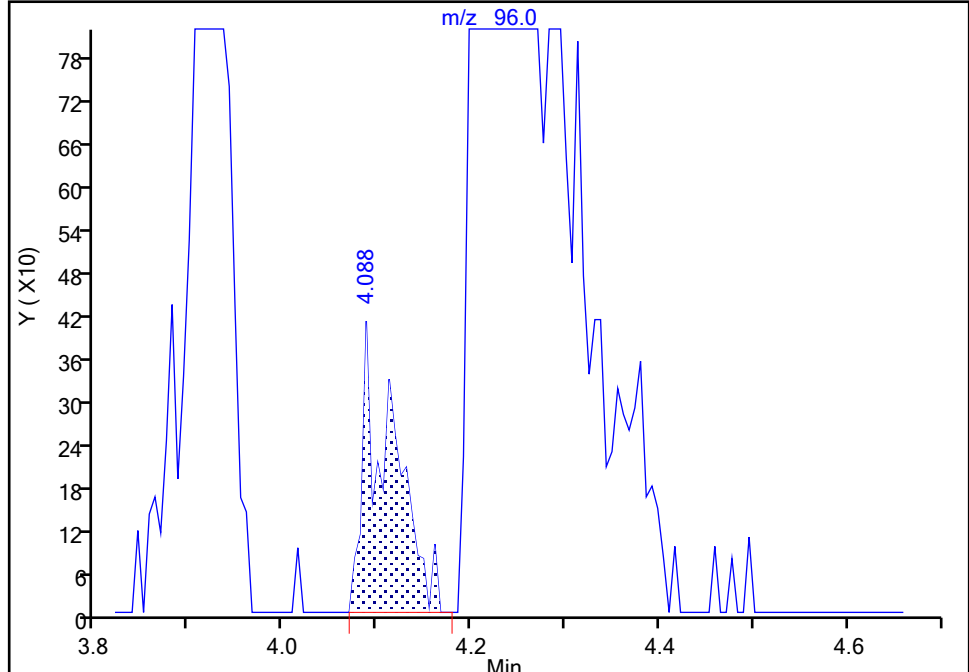
MS SCAN

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

Signal: 1

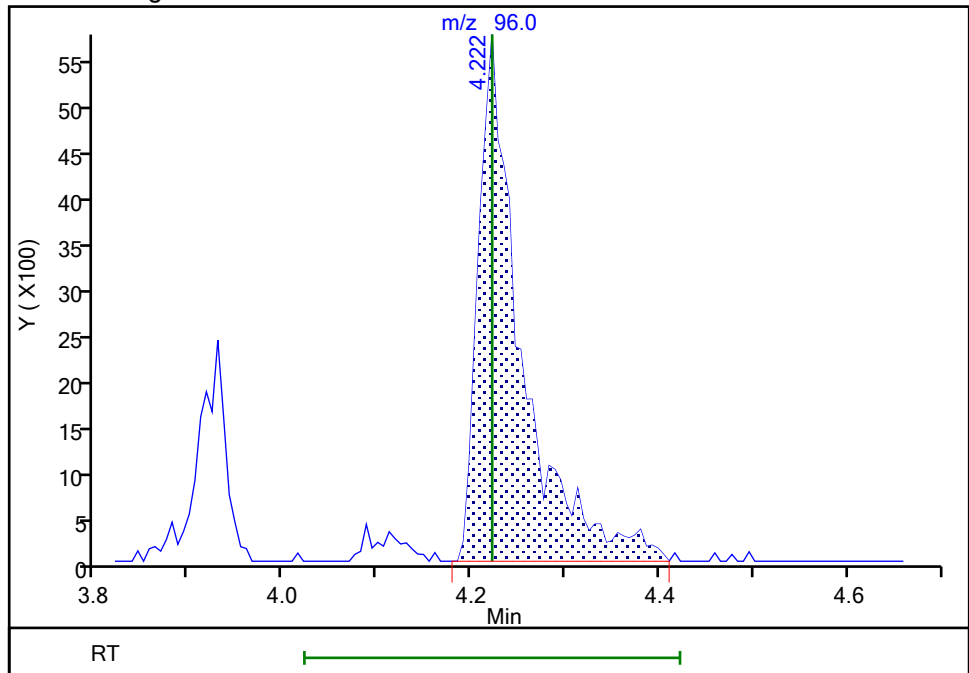
RT: 4.09
Area: 899
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 18444
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:10:55

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875099/5</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57357.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 19:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.7		1.0	0.27
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.3		1.0	0.20
75-34-3	1,1-Dichloroethane	20.2		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	30.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	24.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
107-06-2	1,2-Dichloroethane	19.5		1.0	0.43
78-87-5	1,2-Dichloropropane	19.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.33
123-91-1	1,4-Dioxane	440		50	28
78-93-3	2-Butanone (MEK)	105		5.0	1.9
591-78-6	2-Hexanone	109		5.0	1.1
75-65-0	2-Methyl-2-propanol	209		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	109		5.0	4.4
71-43-2	Benzene	19.4		1.0	0.20
75-25-2	Bromoform	18.3		1.0	0.54
74-83-9	Bromomethane	17.6		1.0	0.55
75-15-0	Carbon disulfide	21.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.2		1.0	0.21
108-90-7	Chlorobenzene	20.4		1.0	0.38
74-97-5	Chlorobromomethane	20.4		1.0	0.41
124-48-1	Chlorodibromomethane	20.1		1.0	0.28
75-00-3	Chloroethane	17.8		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	16.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268432-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875099/5</u>
Matrix: <u>Water</u>	Lab File ID: <u>N57357.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/30/2022 19:39</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875099</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.22
110-82-7	Cyclohexane	19.6		1.0	0.32
75-27-4	Dichlorobromomethane	20.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.0		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
106-93-4	Ethylene Dibromide	19.7		1.0	0.50
98-82-8	Isopropylbenzene	22.2		1.0	0.34
79-20-9	Methyl acetate	37.3		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.5		1.0	0.22
108-87-2	Methylcyclohexane	20.2		1.0	0.71
75-09-2	Methylene Chloride	20.8		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.1		1.0	0.30
95-47-6	o-Xylene	21.2		1.0	0.36
100-42-5	Styrene	21.4		1.0	0.42
127-18-4	Tetrachloroethene	20.9		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.1		1.0	0.22
79-01-6	Trichloroethene	20.6		1.0	0.31
75-69-4	Trichlorofluoromethane	17.0		1.0	0.32
75-01-4	Vinyl chloride	16.2		1.0	0.17
1330-20-7	Xylenes, Total	42.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 30-Oct-2022 19:39:30 ALS Bottle#: 21 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0152503-005
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:36:55 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: C1JX

Date: 30-Oct-2022 22:10:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	0.876	0.870	0.006	91	20079	20.0	16.5	Ma
6 Chlorodifluoromethane	51	0.882	0.876	0.006	95	92032	20.0	18.2	a
5 Dichlorodifluoromethane	85	0.888	0.882	0.006	76	57646	20.0	17.0	M
7 Chloromethane	52	0.997	0.985	0.012	99	21768	20.0	16.8	M
9 Butadiene	54	1.040	1.034	0.006	92	46308	20.0	19.0	
8 Vinyl chloride	62	1.052	1.052	0.000	79	43060	20.0	16.2	
10 Bromomethane	94	1.210	1.204	0.006	99	36675	20.0	17.6	
11 Chloroethane	64	1.235	1.229	0.006	99	27745	20.0	17.8	
12 Dichlorofluoromethane	67	1.356	1.350	0.006	98	76558	20.0	17.8	
14 Pentane	72	1.387	1.381	0.006	95	12536	40.0	34.4	
13 Trichlorofluoromethane	101	1.399	1.393	0.006	98	58620	20.0	17.0	
15 Ethanol	46	1.490	1.484	0.006	32	7721	800.0	1098.9	
16 Ethyl ether	74	1.502	1.490	0.012	55	24855	20.0	21.0	
17 2-Methyl-1,3-butadiene	53	1.508	1.502	0.006	86	36522	20.0	18.3	
18 1,2-Dichloro-1,1,2-trifluoroethane	117	1.527	1.521	0.006	83	41321	20.0	19.6	
19 1,1,1-Trifluoro-2,2-dichloroethane	83	1.569	1.557	0.012	92	70055	20.0	19.9	a
20 Acrolein	56	1.581	1.563	0.018	42	13373	40.0	36.7	
22 1,1-Dichloroethene	96	1.630	1.618	0.012	97	45609	20.0	21.3	
23 Acetone	58	1.654	1.642	0.012	87	20047	100.0	109.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.661	1.661	-0.001	83	47625	20.0	19.3	
24 Iodomethane	142	1.715	1.709	0.006	97	91802	20.0	22.0	
25 Isopropyl alcohol	45	1.746	1.734	0.012	26	23052	200.0	250.8	a
26 Carbon disulfide	76	1.752	1.746	0.006	98	172588	20.0	21.4	
27 3-Chloro-1-propene	76	1.825	1.819	0.006	90	31259	20.0	18.3	
28 Methyl acetate	74	1.837	1.831	0.006	84	14028	40.0	37.3	
30 Acetonitrile	41	1.873	1.855	0.018	19	15093	200.0	135.4	a
29 Cyclopentene	67	1.880	1.874	0.006	88	96204	20.0	18.7	
32 Methylene Chloride	84	1.904	1.898	0.006	89	53971	20.0	20.8	
* 31 TBA-d9 (IS)	46	1.946	1.928	0.018	71	47864	1000.0	1000.0	
33 2-Methyl-2-propanol	59	1.995	1.995	0.000	86	39813	200.0	208.7	a
36 Acrylonitrile	53	2.044	2.038	0.006	94	162428	200.0	189.1	

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	2.062	2.056	0.006	95	49566	20.0	20.8	
34 Methyl tert-butyl ether	73	2.080	2.080	0.000	97	132144	20.0	20.5	
37 Hexane	56	2.238	2.233	0.005	89	19909	20.0	17.7	
39 1,1-Dichloroethane	63	2.330	2.324	0.006	99	83570	20.0	20.2	
40 Vinyl acetate	86	2.366	2.360	0.006	100	17562	40.0	40.5	
38 Isopropyl ether	45	2.384	2.385	-0.001	84	129568	20.0	19.2	
41 2-Chloro-1,3-butadiene	88	2.391	2.385	0.006	79	44082	20.0	20.5	
42 Tert-butyl ethyl ether	59	2.634	2.634	0.000	91	144678	20.0	22.1	
* 43 2-Butanone-d5	46	2.695	2.695	0.000	99	184323	250.0	250.0	a
45 cis-1,2-Dichloroethene	96	2.719	2.719	0.000	99	54341	20.0	20.6	
44 2,2-Dichloropropane	79	2.743	2.737	0.006	73	24401	20.0	20.9	a
46 2-Butanone (MEK)	72	2.737	2.737	0.000	98	25555	100.0	105.0	
49 Propionitrile	54	2.774	2.768	0.006	95	59154	200.0	191.8	a
47 Ethyl acetate	70	2.792	2.774	0.018	99	9399	40.0	40.7	
48 Methyl acrylate	55	2.810	2.804	0.006	99	46816	20.0	19.2	
52 Methacrylonitrile	67	2.883	2.883	0.000	90	184475	200.0	199.3	
51 Chlorobromomethane	128	2.895	2.890	0.005	74	26212	20.0	20.4	
50 Tetrahydrofuran	72	2.938	2.938	0.000	70	12194	40.0	41.1	
53 Chloroform	83	2.956	2.950	0.006	99	81857	20.0	20.4	
\$ 56 Dibromofluoromethane (Surr)	113	3.072	3.072	0.000	97	86728	50.0	47.4	
55 1,1,1-Trichloroethane	97	3.096	3.096	0.000	98	72527	20.0	21.7	
54 Cyclohexane	84	3.145	3.139	0.006	86	63194	20.0	19.6	
58 1,1-Dichloropropene	75	3.218	3.212	0.006	97	63325	20.0	20.7	
57 Carbon tetrachloride	117	3.230	3.230	0.000	89	59108	20.0	21.2	
\$ 62 1,2-Dichloroethane-d4 (Surr)	65	3.333	3.334	-0.001	82	90568	50.0	46.0	
59 Isobutyl alcohol	43	3.346	3.340	0.006	34	32550	500.0	451.2	a
61 Benzene	78	3.376	3.376	0.000	94	187591	20.0	19.4	
65 1,2-Dichloroethane	62	3.394	3.388	0.006	98	58754	20.0	19.5	
60 Isooctane	57	3.455	3.455	0.000	95	77650	20.0	18.2	
64 Isopropyl acetate	61	3.607	3.467	0.140	35	4866	20.0	6.35	
63 Tert-amyl methyl ether	73	3.492	3.492	0.000	95	127850	20.0	19.8	
* 67 Fluorobenzene	96	3.607	3.607	0.000	99	390542	50.0	50.0	
66 n-Heptane	71	3.619	3.620	-0.001	42	22483	20.0	24.0	
68 n-Butanol	56	3.911	3.912	-0.001	55	20869	500.0	523.9	
69 Trichloroethene	95	3.930	3.924	0.006	97	46912	20.0	20.6	
70 Ethyl acrylate	99	4.057	4.058	-0.001	99	4261	20.0	20.4	
71 Methylcyclohexane	83	4.100	4.100	0.000	86	59814	20.0	20.2	
72 1,2-Dichloropropane	63	4.124	4.125	-0.001	94	45802	20.0	19.8	
* 73 1,4-Dioxane-d8	96	4.216	4.222	-0.006	46	19668	1000.0	1000.0	a
76 Dibromomethane	93	4.228	4.222	0.006	97	30143	20.0	20.3	
74 Methyl methacrylate	100	4.264	4.264	0.000	86	23296	40.0	43.5	
75 1,4-Dioxane	88	4.264	4.271	-0.007	32	10131	400.0	439.7	
77 n-Propyl acetate	43	4.337	4.337	0.000	98	50810	20.0	18.9	
78 Dichlorobromomethane	83	4.386	4.386	0.000	99	57169	20.0	20.5	
79 2-Nitropropane	41	4.617	4.611	0.006	96	14997	40.0	40.5	
80 2-Chloroethyl vinyl ether	63	4.702	4.702	0.000	92	30154	20.0	19.9	
81 Epichlorohydrin	57	4.745	4.745	0.000	99	83521	400.0	414.6	
82 cis-1,3-Dichloropropene	75	4.830	4.830	0.000	91	68892	20.0	18.5	
83 4-Methyl-2-pentanone (MIBK)	43	5.019	5.013	0.006	95	187562	100.0	104.0	
\$ 84 Toluene-d8 (Surr)	98	5.098	5.098	0.000	99	334068	50.0	45.9	
85 Toluene	91	5.165	5.165	0.000	93	192504	20.0	19.8	
86 trans-1,3-Dichloropropene	75	5.420	5.420	0.000	96	58146	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 Ethyl methacrylate	69	5.566	5.566	0.000	87	53093	20.0	20.7	
88 1,1,2-Trichloroethane	83	5.609	5.609	0.000	96	34211	20.0	19.3	
89 Tetrachloroethene	166	5.743	5.743	0.000	96	44827	20.0	20.9	
90 1,3-Dichloropropane	76	5.785	5.785	0.000	91	69018	20.0	19.7	
91 2-Hexanone	58	5.931	5.931	0.000	94	76158	100.0	108.9	
93 Chlorodibromomethane	129	6.029	6.029	0.000	98	42988	20.0	20.1	
92 n-Butyl acetate	43	6.114	6.114	0.000	98	55620	20.0	18.8	
94 Ethylene Dibromide	107	6.138	6.138	0.000	98	43318	20.0	19.7	
* 95 Chlorobenzene-d5	117	6.698	6.698	0.000	84	305588	50.0	50.0	
96 Chlorobenzene	112	6.728	6.728	0.000	96	131524	20.0	20.4	
98 1,1,1,2-Tetrachloroethane	131	6.850	6.844	0.006	96	45543	20.0	20.7	
97 Ethylbenzene	106	6.892	6.893	-0.001	97	68316	20.0	20.9	
99 m-Xylene & p-Xylene	106	7.044	7.045	-0.001	98	85741	20.0	21.1	
100 o-Xylene	106	7.525	7.525	0.000	94	85325	20.0	21.2	
102 Styrene	104	7.549	7.550	-0.001	97	137365	20.0	21.4	
101 n-Butyl acrylate	73	7.586	7.586	0.000	98	35275	20.0	20.9	
104 Bromoform	173	7.744	7.738	0.006	97	25966	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	7.902	7.902	0.000	92	67010	20.0	18.5	
105 Isopropylbenzene	105	8.024	8.018	0.006	95	208401	20.0	22.2	
\$ 106 4-Bromofluorobenzene	174	8.188	8.188	0.000	91	121141	50.0	52.3	
107 Bromobenzene	156	8.346	8.347	-0.001	97	56832	20.0	20.0	
108 1,1,2,2-Tetrachloroethane	83	8.432	8.432	0.000	98	57715	20.0	18.8	
110 1,2,3-Trichloropropane	110	8.456	8.456	0.000	98	15722	20.0	18.1	
111 trans-1,4-Dichloro-2-butene	53	8.511	8.511	0.000	90	4644	20.0	6.15	
109 N-Propylbenzene	91	8.559	8.559	0.000	99	237751	20.0	21.1	
112 2-Chlorotoluene	91	8.626	8.626	0.000	97	147962	20.0	19.8	
113 4-Ethyltoluene	105	8.724	8.724	0.000	99	199692	20.0	20.9	
115 4-Chlorotoluene	91	8.778	8.778	0.000	98	172628	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	8.815	8.815	0.000	92	174718	20.0	21.3	
116 Butyl Methacrylate	87	9.034	9.034	0.000	88	60066	20.0	20.6	
117 tert-Butylbenzene	119	9.228	9.229	-0.001	95	136795	20.0	21.9	
118 1,2,4-Trimethylbenzene	105	9.289	9.289	0.000	97	184555	20.0	21.3	
119 sec-Butylbenzene	105	9.496	9.496	0.000	99	193904	20.0	22.1	
120 1,3-Dichlorobenzene	146	9.569	9.569	0.000	97	106254	20.0	20.8	
* 122 1,4-Dichlorobenzene-d4	152	9.648	9.648	0.000	94	183015	50.0	50.0	
123 1,4-Dichlorobenzene	146	9.673	9.673	0.000	95	110943	20.0	20.2	
121 4-Isopropyltoluene	119	9.679	9.679	0.000	98	175575	20.0	22.5	
124 1,2,3-Trimethylbenzene	105	9.758	9.764	-0.006	98	194275	20.0	20.7	
125 Benzyl chloride	126	9.843	9.843	0.000	99	20768	20.0	21.0	
126 2,3-Dihydroindene	117	9.946	9.947	0.000	94	192519	20.0	20.7	
129 1,2-Dichlorobenzene	146	10.056	10.056	0.000	96	103791	20.0	21.0	
127 p-Diethylbenzene	119	10.092	10.093	0.000	93	104462	20.0	24.1	
128 n-Butylbenzene	92	10.111	10.111	0.000	97	84944	20.0	22.8	
131 1,2-Dibromo-3-Chloropropane	157	10.810	10.804	0.006	98	9388	20.0	20.8	
130 1,2,4,5-Tetramethylbenzene	119	10.816	10.816	0.000	97	157275	20.0	22.9	
132 1,3,5-Trichlorobenzene	180	10.993	10.993	0.000	97	65407	20.0	22.8	
133 1,2,4-Trichlorobenzene	180	11.504	11.504	0.000	93	52022	20.0	24.4	
134 Hexachlorobutadiene	225	11.662	11.656	0.006	95	19682	20.0	23.0	
135 Naphthalene	128	11.686	11.680	0.006	99	117521	20.0	26.1	
136 1,2,3-Trichlorobenzene	180	11.875	11.875	0.000	94	37202	20.0	30.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 138 Xylenes, Total	100				0		40.0	42.3	

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

102.5

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00161

Amount Added: 20.00

Units: uL

524freon_00059

Amount Added: 20.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

GASES Li_00500

Amount Added: 20.00

Units: uL

8260ISNEW_00171

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00233

Amount Added: 1.00

Units: uL

Run Reagent

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Instrument ID: CVOAMS11

Worklist Smp#: 5

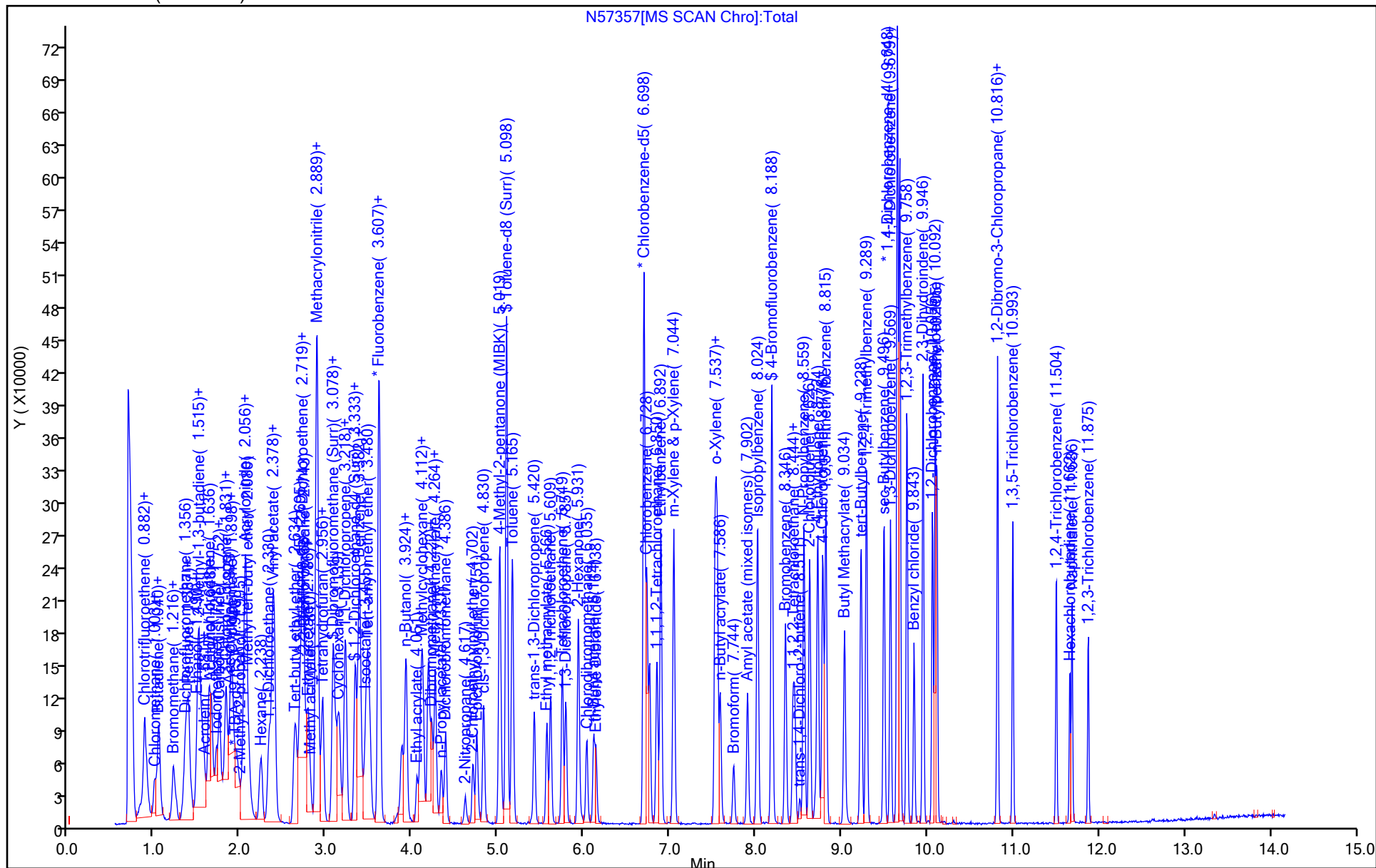
Client ID:

Dil. Factor: 1.0000

ALS Bottle#: 21

Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 30-Oct-2022 19:39:30 ALS Bottle#: 21 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0152503-005
 Operator ID: Instrument ID: CVOAMS11
 Method: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\8260W_11.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 23:36:55 Calib Date: 25-Oct-2022 15:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS11\20221025-152213.b\N57163.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1666

First Level Reviewer: C1JX

Date: 30-Oct-2022 22:10:40

Compound	Amount Added	Amount Recovered	% Rec.
\$ 56 Dibromofluoromethane (Surr)	50.0	47.4	94.78
\$ 62 1,2-Dichloroethane-d4 (Surr)	50.0	46.0	92.09
\$ 84 Toluene-d8 (Surr)	50.0	45.9	91.77
\$ 106 4-Bromofluorobenzene	50.0	52.3	104.52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Injection Date: 30-Oct-2022 19:39:30

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

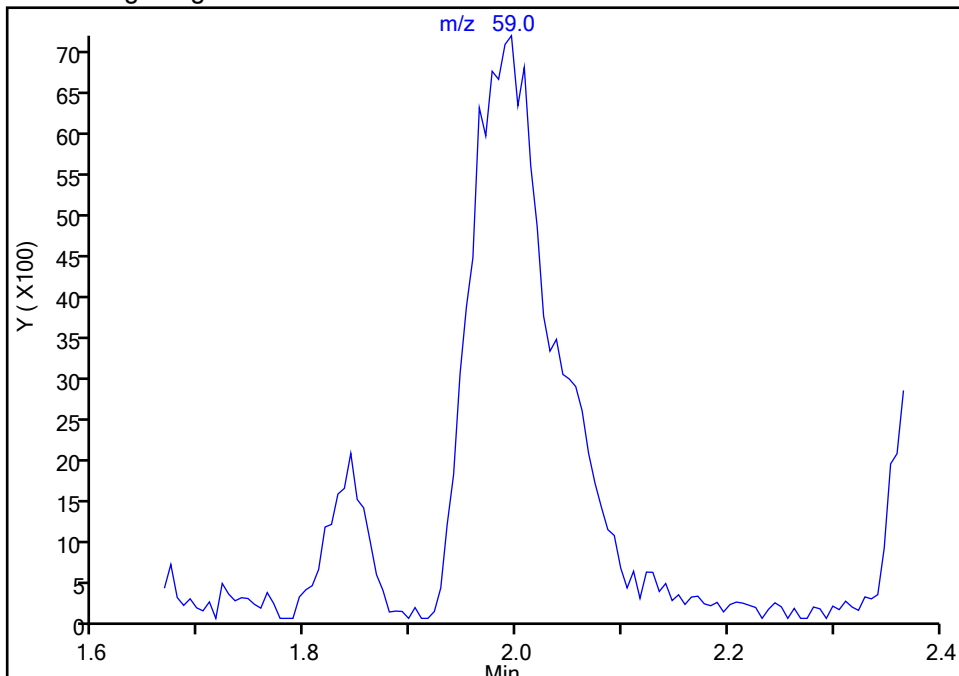
33 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

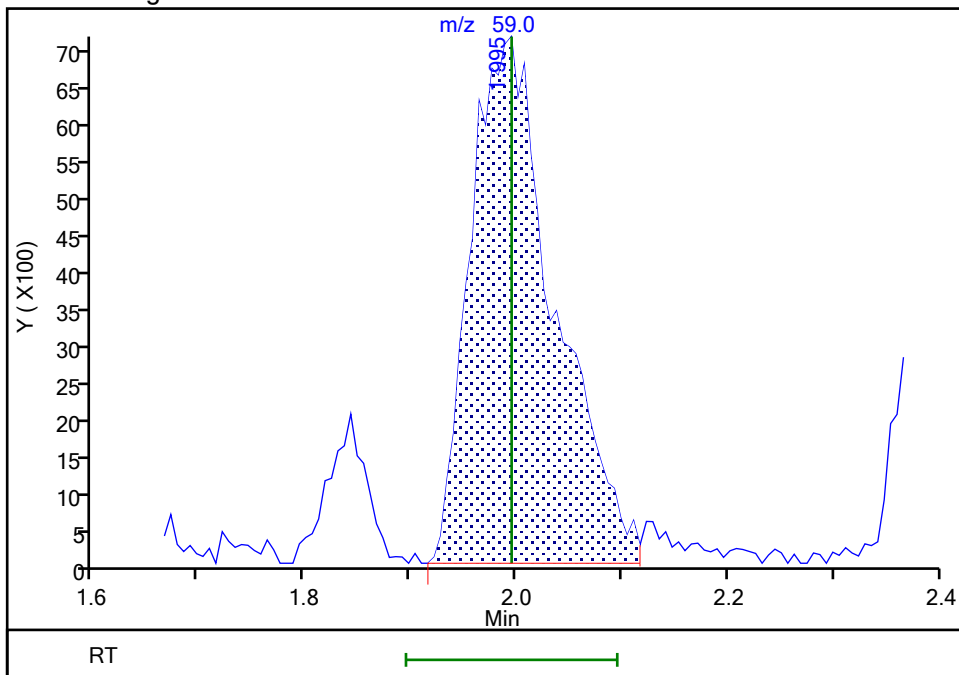
Not Detected

Expected RT: 2.00

Processing Integration Results



Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:09:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Injection Date: 30-Oct-2022 19:39:30

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)

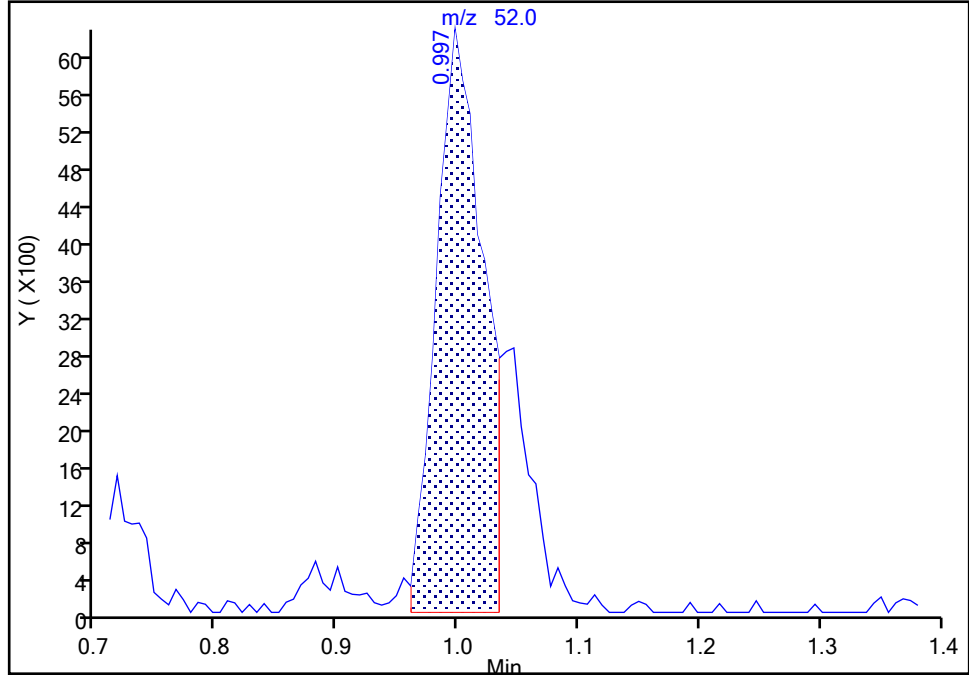
Detector: MS SCAN

7 Chloromethane, CAS: 74-87-3

Signal: 1

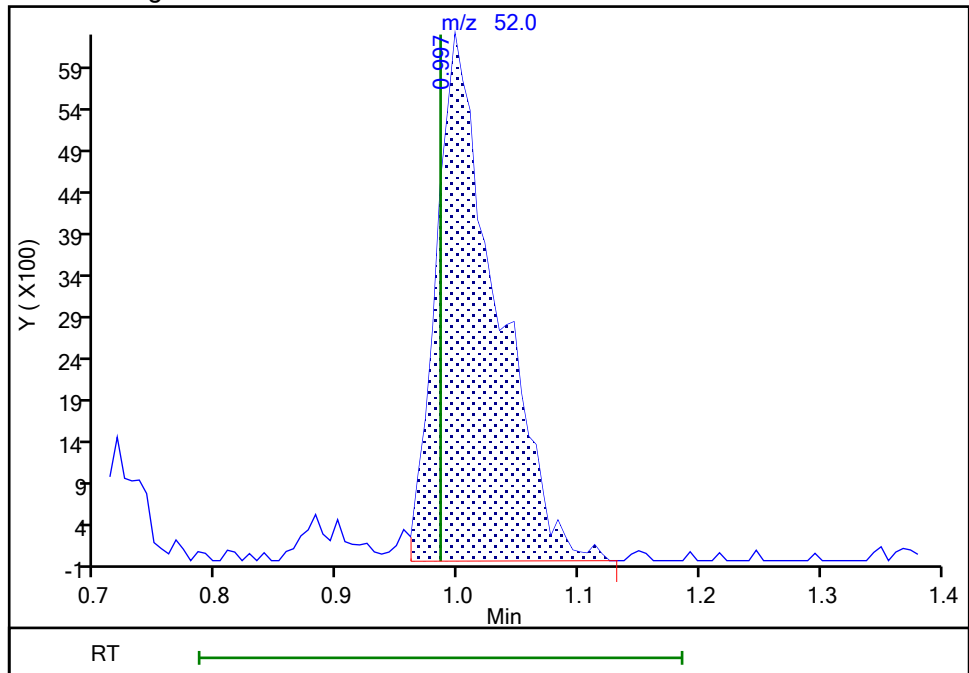
RT: 1.00
Area: 17025
Amount: 13.104711
Amount Units: ug/l

Processing Integration Results



RT: 1.00
Area: 21768
Amount: 16.755556
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:09:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Injection Date: 30-Oct-2022 19:39:30

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)

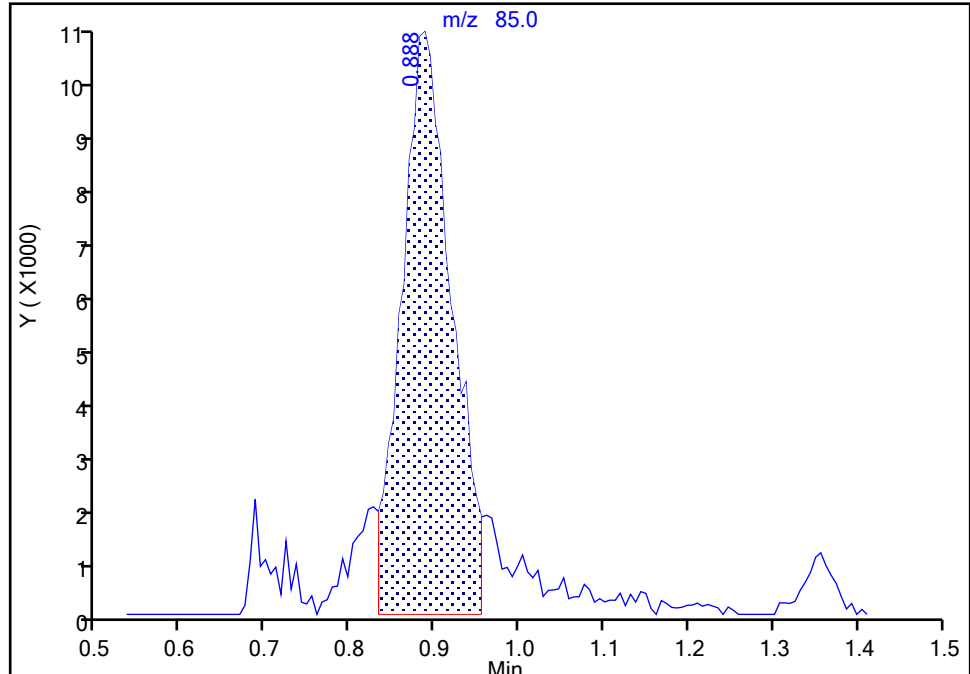
Detector: MS SCAN

5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

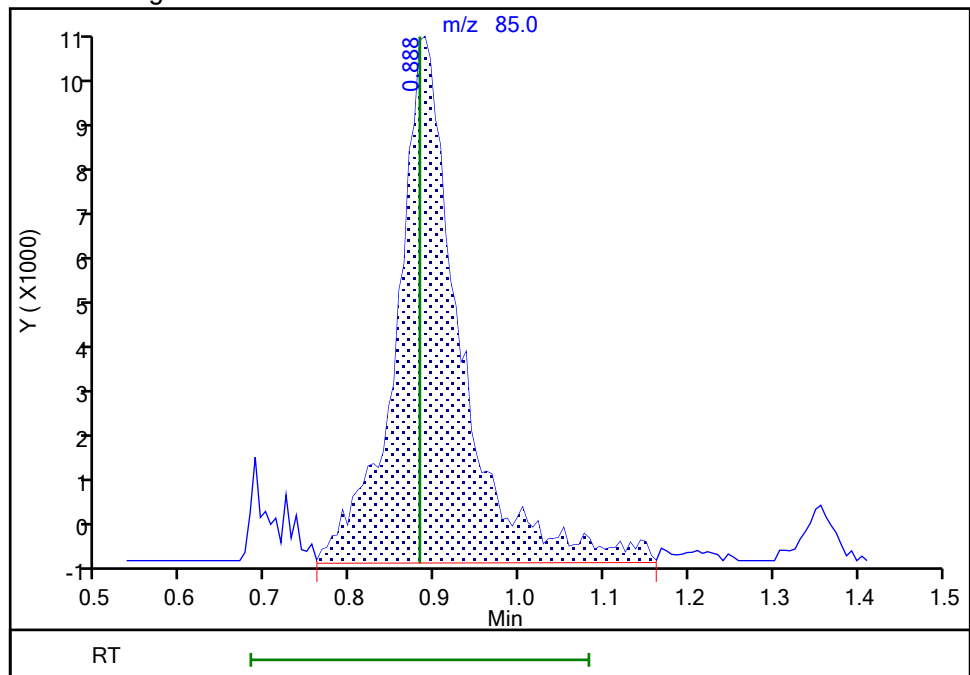
RT: 0.89
Area: 45146
Amount: 13.326354
Amount Units: ug/l

Processing Integration Results



RT: 0.89
Area: 57646
Amount: 17.016148
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 01-Nov-2022 23:09:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Injection Date: 30-Oct-2022 19:39:30

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

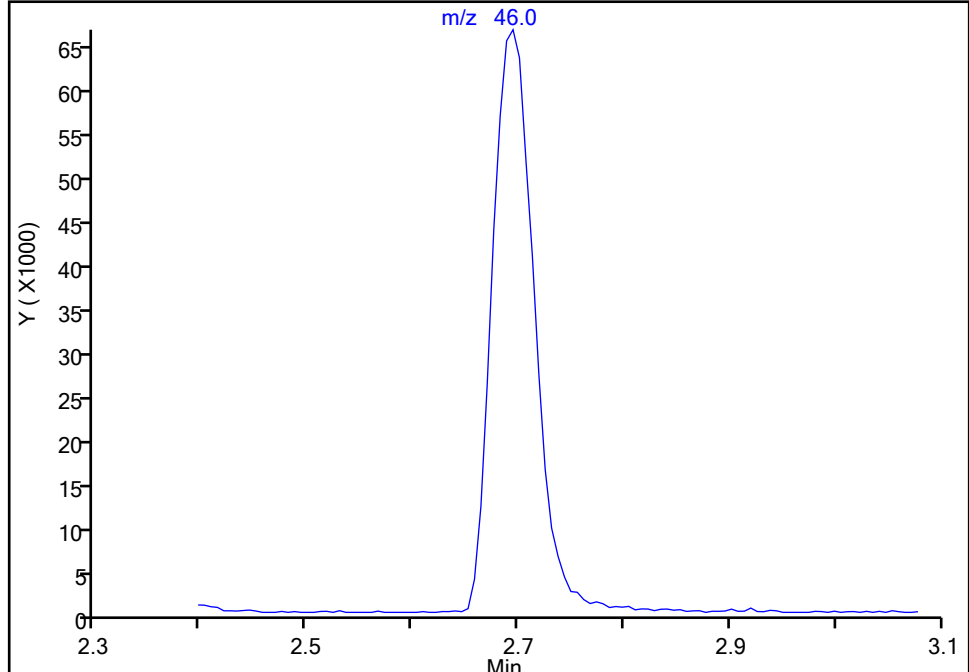
* 43 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

Expected RT: 2.69

Processing Integration Results



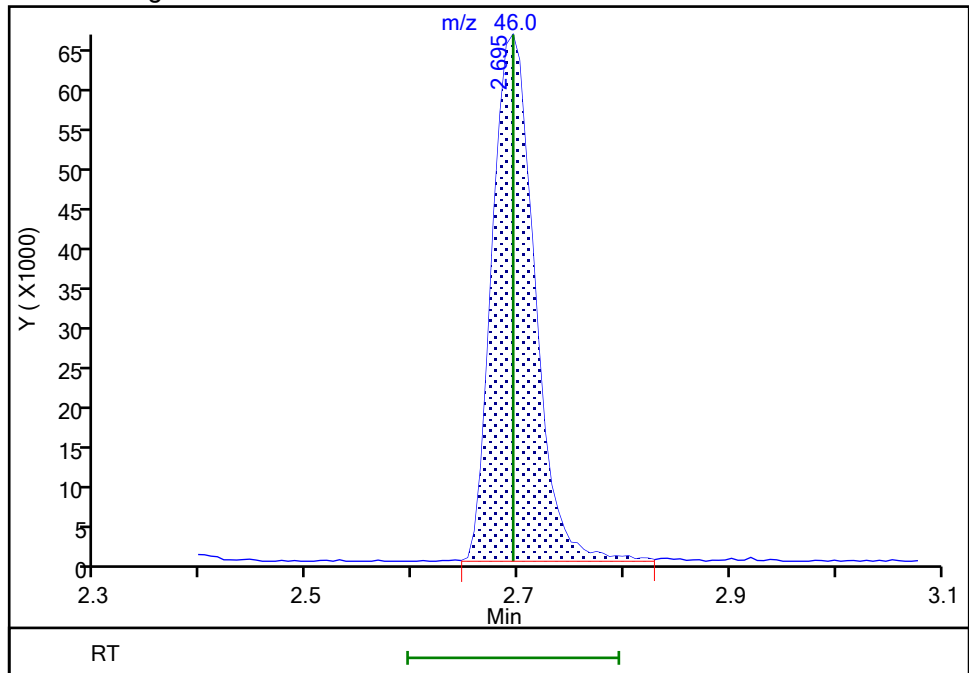
RT: 2.69

Area: 184323

Amount: 250.0000

Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:09:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS11\20221030-152503.b\N57357.D

Injection Date: 30-Oct-2022 19:39:30

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

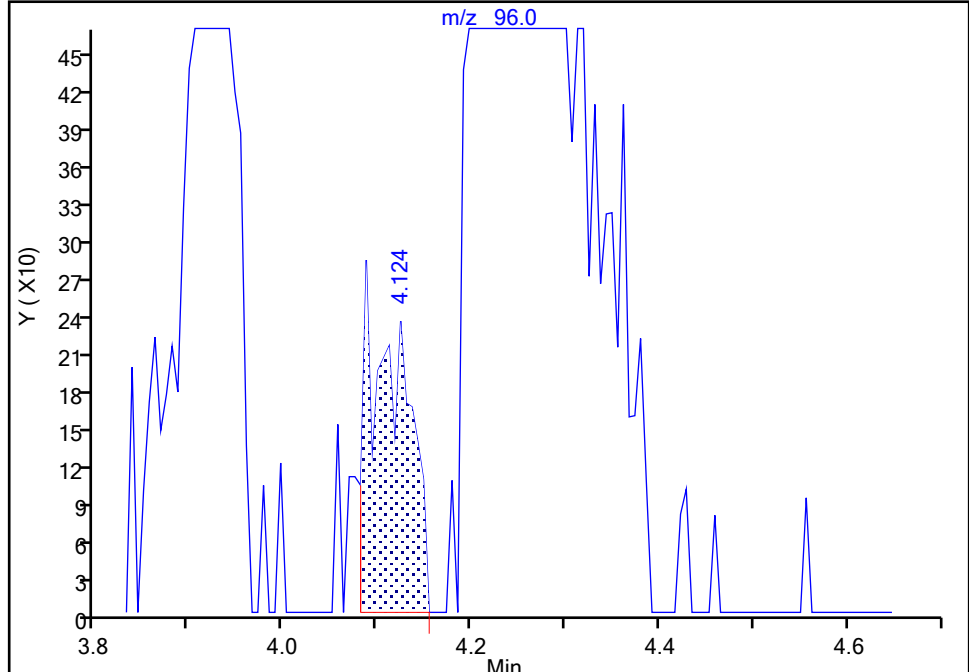
MS SCAN

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

Signal: 1

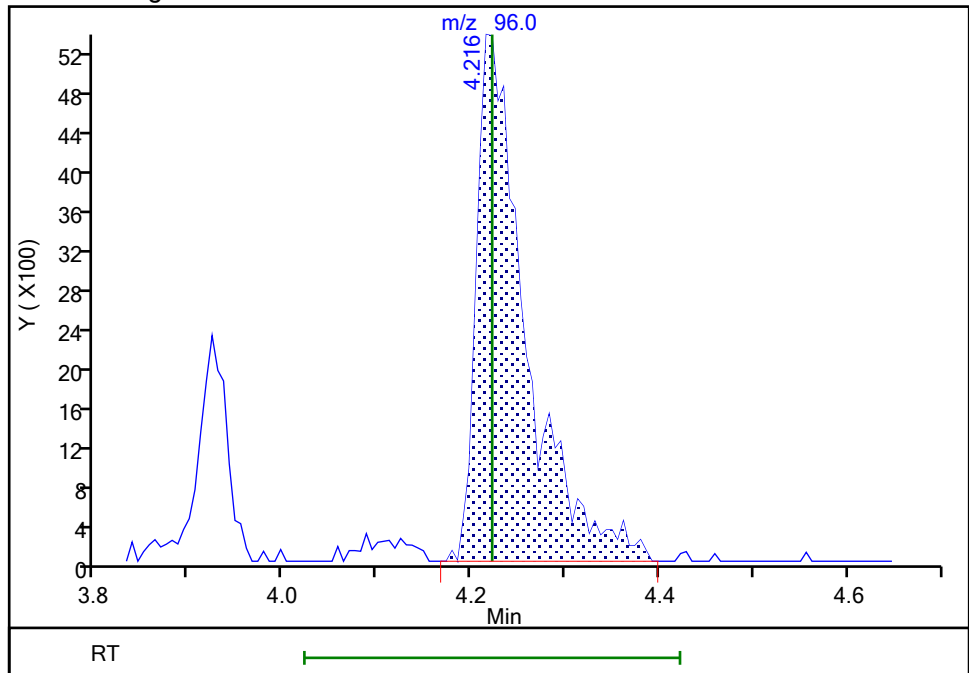
RT: 4.12
Area: 753
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 19668
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: C1JX, 30-Oct-2022 22:10:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Instrument ID: CVOAMS11 Start Date: 10/25/2022 06:01Analysis Batch Number: 873907 End Date: 10/25/2022 15:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-873907/1		10/25/2022 06:01	1	N57141.D	Rtx-624 0.25 (mm)
STD7 460-873907/3 IC		10/25/2022 07:02	1	N57143.D	Rtx-624 0.25 (mm)
STD5 460-873907/5 IC		10/25/2022 07:49	1	N57145.D	Rtx-624 0.25 (mm)
STD20 460-873907/6 ICIS		10/25/2022 08:12	1	N57146.D	Rtx-624 0.25 (mm)
STD50 460-873907/7 IC		10/25/2022 08:35	1	N57147.D	Rtx-624 0.25 (mm)
STD200 460-873907/8 IC		10/25/2022 08:58	1	N57148.D	Rtx-624 0.25 (mm)
STD500 460-873907/9 IC		10/25/2022 09:21	1	N57149.D	Rtx-624 0.25 (mm)
STD1 460-873907/21 IC		10/25/2022 15:20	1	N57163.D	Rtx-624 0.25 (mm)
ICV 460-873907/22		10/25/2022 15:58	1	N57164.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Instrument ID: CVOAMS11 Start Date: 10/30/2022 18:07Analysis Batch Number: 875099 End Date: 10/31/2022 04:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/30/2022 18:07	1		Rtx-624 0.25 (mm)
CCVIS 460-875099/2		10/30/2022 18:30	1	N57354.D	Rtx-624 0.25 (mm)
LCS 460-875099/4		10/30/2022 19:16	1	N57356.D	Rtx-624 0.25 (mm)
LCSD 460-875099/5		10/30/2022 19:39	1	N57357.D	Rtx-624 0.25 (mm)
MB 460-875099/9		10/30/2022 21:11	1	N57361.D	Rtx-624 0.25 (mm)
ZZZZZ		10/30/2022 21:34	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2022 21:57	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2022 22:20	1		Rtx-624 0.25 (mm)
ZZZZZ		10/30/2022 22:43	1		Rtx-624 0.25 (mm)
460-268432-1	TB-102522	10/30/2022 23:06	1	N57366.D	Rtx-624 0.25 (mm)
460-268432-4	FB-102522	10/30/2022 23:29	1	N57367.D	Rtx-624 0.25 (mm)
ZZZZZ		10/30/2022 23:52	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 00:38	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 01:00	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 01:46	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 02:09	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 02:32	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 02:55	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 03:17	1		Rtx-624 0.25 (mm)
ZZZZZ		10/31/2022 04:03	1		Rtx-624 0.25 (mm)
460-268432-2	SIS-MW-1	10/31/2022 04:26	1	N57380.D	Rtx-624 0.25 (mm)
460-268432-3	SIS-MW-2	10/31/2022 04:49	1	N57381.D	Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Batch Number: 873907 Batch Start Date: 10/25/22 06:01 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00058	8260 SP 00159	8260ISNEW 00171
BFB 460-873907/1		8260D		5 mL	5				
STD7 460-873907/3 IC		8260D		5 mL	5 mL				1 uL
STD5 460-873907/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-873907/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-873907/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-873907/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-873907/9 IC		8260D		5 mL	5 mL				1 uL
STD1 460-873907/21 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-873907/22		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00161	8260SURR250 00233	8FreonHi 00050	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145
BFB 460-873907/1		8260D							
STD7 460-873907/3 IC		8260D			1 uL				
STD5 460-873907/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-873907/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-873907/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-873907/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-873907/9 IC		8260D			1 uL	50 uL			40 uL
STD1 460-873907/21 IC		8260D		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.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Batch Number: 873907 Batch Start Date: 10/25/22 06:01 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00161	8260SURR250 00233	8FreonHi 00050	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145
ICV 460-873907/22		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00105	BFB 00032	Ethanol mix 00069	GAS C SP 00485	GAS Hi 00427	GASES Li 00499
BFB 460-873907/1		8260D			1 uL				
STD7 460-873907/3 IC		8260D		20 uL					2.5 uL
STD5 460-873907/5 IC		8260D							10 uL
STD20 460-873907/6 ICIS		8260D							20 uL
STD50 460-873907/7 IC		8260D							50 uL
STD200 460-873907/8 IC		8260D				20 uL		20 uL	
STD500 460-873907/9 IC		8260D				50 uL		50 uL	
STD1 460-873907/21 IC		8260D							10 uL
ICV 460-873907/22		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
BFB 460-873907/1		8260D							
STD7 460-873907/3 IC		8260D							
STD5 460-873907/5 IC		8260D							
STD20 460-873907/6 ICIS		8260D							
STD50 460-873907/7 IC		8260D							
STD200 460-873907/8 IC		8260D		20 uL	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268432-1

SDG No.: _____

Batch Number: 873907 Batch Start Date: 10/25/22 06:01 Batch Analyst: Moroney, Christopher JBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
STD500 460-873907/9 IC		8260D		50 uL	50 uL				
STD1 460-873907/21 IC		8260D							
ICV 460-873907/22		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.: 460-268432-1

SDG No.: _____

Batch Number: 875099 Batch Start Date: 10/30/22 18:07 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00059	8260ISNEW 00171	8260MIX1COMB 00161
CCVIS 460-875099/2		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-875099/4		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-875099/5		8260D		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-875099/9		8260D		5 mL	5 mL			1 uL	
460-268432-A-1	TB-102522	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268432-B-4	FB-102522	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268432-B-2	SIS-MW-1	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268432-B-3	SIS-MW-2	8260D	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00233	ACROLEIN W 00145	GASES Li 00500			
CCVIS 460-875099/2		8260D		1 uL	4 uL	20 uL			
LCS 460-875099/4		8260D		1 uL	4 uL	20 uL			
LCSD 460-875099/5		8260D		1 uL	4 uL	20 uL			
MB 460-875099/9		8260D		1 uL					
460-268432-A-1	TB-102522	8260D	T	1 uL					
460-268432-B-4	FB-102522	8260D	T	1 uL					
460-268432-B-2	SIS-MW-1	8260D	T	1 uL					
460-268432-B-3	SIS-MW-2	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

611332

Environment Testing
America

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact		Project Manager: Nick Rechia		Site Contact: Craig Hayes		Date: 10/25/22		COC No: 1 of 1 COCs					
Company Name: GEL Consultants Inc.		Tel/Email: nrechia@gelconsultants.com		Lab Contact: Melissa Davis		Carrier: Test America		Sampler: C. Hayes					
Address: 1000 New York Ave		City/State/Zip: Washington State NY 11790		Analysis Turnaround Time		For Lab Use Only:		Walk-in Client:					
Phone: 631-760-9300		Fax: 631-760-9301		☐ CALENDAR DAYS ☐ WORKING DAYS		Lab Sampling:		Job / SDG No: 102522					
Project Name: Gencourse Village West		Site: CUN (Sandy)		TAT if different from Below		Perform MS / MSD (Y / N)		Sample Specific Notes:					
PO # 1704733.8.6		Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont.	
TB-102522		10/25/22		1130		6		GW		2		X	
SIS-MW-1		1130		6		GW		3		3		X	
SIS-MW-2		1345		6		GW		2		2		X	
PB-102522		1345		6		GW		2		2		X	
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													
Special Instructions/QC Requirements & Comments: CWT B Report Provide excel spreadsheet comparing to MYS AWQ													
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:					
Relinquished by: Craig Hayes		Company: GEL		Date/Time: 10/25/22 1630		Company: GEL		Date/Time: 10/25/22 1630					
Relinquished by: [Signature]		Company: GEL		Date/Time: 10/26/22		Company: GEL		Date/Time: 10/31					
Relinquished by: [Signature]		Company: GEL		Date/Time: 10/31/22		Company: GEL		Date/Time: 10/31/22					

26842

IR Gun #

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	28	26
Cooler #2:	℃	℃
Cooler #3:	℃	℃
Cooler #4:	℃	℃
Cooler #5:	℃	℃
Cooler #6:	℃	℃
Cooler #7:	℃	℃
Cooler #8:	℃	℃
Cooler #9:	℃	℃

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Volume of Preservative used (ml):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified At least 24 hours prior to analysis.

Initials:

Date: 6/26/22

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 460-268432-1

Login Number: 268432

List Number: 1

Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Eurofins Edison

Job Notes

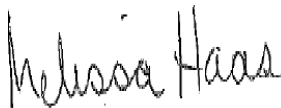
The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

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

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



Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
203 308-0880

Generated
11/21/2022 9:50 AM
Revision 1

Appendix F

Data Usability Summary Reports



LABORATORY DATA CONSULTANTS, INC.

2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

GEI Consultants, Inc.
1000 New York Ave., Suite B
Huntington Station, NY – 11746
Attn: Mr. Michael Bohuski
MBohuski@geiconsultants.com

January 6, 2023

SUBJECT: Concourse Village West - South, Data Validation

Dear Mr. Bohuski,

Enclosed are the final validation reports for the fraction listed below. This SDG was received on November 21, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #55520:

SDG #

460-268432-1

Fraction

Volatiles

The data validation was performed under Category B guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-Method 8260B and 8260C, SOP HW-24, Revision 4 (October 2014)
- USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007; update V, July 2014; update VI, July 2018

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

[illegible]

Site: Concourse Village West - South
Laboratory: Eurofins, Edison, NJ
Report No.: 460-268432-1
Reviewer: Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for GEI Consultants, Inc. – Huntington Station, NY
Date: December 21, 2022

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
TB-102522	460-268432-1	VOC
SIS-MW-1	460-268432-2	VOC
SIS-MW-2	460-268432-3	VOC
FB-102522	460-268432-4	VOC

Associated QC Samples(s):

Field/Trip Blanks: TB-102522, FB-102522

Field Duplicate pair: None Associated

The above-listed water samples were collected on October 25, 2022 and were analyzed for volatile organic compounds (VOC) by SW-846 method 8260D. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-Method 8260B and 8260C*, SOP HW-24, Revision 4 (October 2014) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review*, EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Compound Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

Initial calibration:

All criteria were met.

Continuing calibration:

Compounds that did not meet criteria are summarized in the following table.

Date	Instrument ID	Compound	CC %D	Associated Samples		Validation Action
10/30/22	CCV 460-875099	Vinyl chloride	20.3	TB-102522	XX	UJ nondetects
		1,4-Dioxane	25.5	SIS-MW-1	XX	UJ nondetects
				SIS-MW-2		
				FB-102522		

- X = Initial calibration (IC) relative standard deviation (%RSD) > 20; estimate (J/UJ) positive and nondetect results.
- XX = Continuing calibration (CC) percent difference (%D) > 20; estimate (J/UJ) positive and nondetect results.
- SS = Second source verification percent difference (%D) > 30; estimate (J/UJ) positive and nondetect results.
- + = Response factor (RRF) < validation criteria; estimate (J/UJ) positive and nondetect results.

The vinyl chloride and 1,4-dioxane results were estimated due to continuing calibration exceedances. The bias cannot be determined. The results can be used for project objectives as nondetects with estimated quantitation limits (UJ) which may have a minor impact on the data usability.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TB-102522 and field blank sample FB-102522 for VOC analysis.

Surrogate Recoveries

The following table lists the surrogate percent recoveries (%R) outside of control limits in the VOC analysis and the resulting validation actions.

Sample ID	Surrogate	%R (Limits)	Validation Action
SIS-MW-2	Toluene-d8	79 (80-120)	J detects/UJ nondetects

The VOC results may be biased low due to low surrogate percent recovery. The results can be used for project objectives as estimated values (J) or nondetects with estimated quantitation limits (UJ) which may have a minor impact on the data usability.

MS/MSD Results

MS/MSD analyses were not associated with this sample set. Validation action was not required on this basis.

LCS Results

The following table lists the LCS/LCSD percent recoveries (%R) outside of control limits in the VOC analysis and the resulting validation actions.

LCS ID	Compound	LCS %R (Limits)	LCS/D %R (Limits)	Affected Sample	Validation Action
LCS/LCSD 460-875099	1,2,3-Trichlorobenzene	153 (56-144)	152 (56-144)	TB-102522 SIS-MW-1 SIS-MW-2 FB-102522	None

- Within control limits

Validation action was not required for 1,2,3-trichlorobenzene due to high LCS/LCSD percent recoveries as positive results only are affected and this compound was not detected in the associated samples.

Internal Standards

All criteria were met.

Field Duplicate Results

A field duplicate pair was not associated with this sample set. Validation action was not required on this basis.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

Dilutions were not required for VOC analysis.

Sample Quantitation and Compound Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

- U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.
- J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified “J” data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The ‘J’ data may be biased high or low or the direction of the bias may be indeterminable.
- UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified “UJ” data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The ‘UJ’ data may be biased low.
- JN - The analysis indicates the presence of a compound that has been “tentatively identified” (N) and the associated numerical value represents its approximate (J) concentration.
- R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

LDC #: 55520A1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 460-268432-1

Category B

Laboratory: Eurofins, Edison, NJ

Date: 12/17/22

Page: 1 of 1

Reviewer: QB

2nd Reviewer: QB

METHOD: GC/MS Volatiles (EPA SW-846 Method 8260D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	% PSD ≤ 20 ICV ≤ 30
IV.	Continuing calibration	SW	CCV ≤ 20
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1 FB=4
VII.	Surrogate spikes	SW	
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	SW	LCSP
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	Results $< PL > MDL = \text{Jdet}$
XIII.	Target analyte identification	A	MI
XIV.	Overall assessment of data	A	

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

SB=Source blank
OTHER:

	Client ID	Lab ID	Matrix	Date
1	TB-102522	460-268432-1	Water	10/25/22
2	SIS-MW-1	460-268432-2	Water	10/25/22
3	SIS-MW-2	460-268432-3	Water	10/25/22
4	FB-102522	460-268432-4	Water	10/25/22
5				
6				
7				
8				
9				
10				

Notes:

1	NB 460-875099				

Method: Volatiles (EPA SW 846 Method 8260 1)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	☒	☐	☐	
Was cooler temperature criteria met?	☒	☐	☐	
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	☒	☐	☐	
Were all samples analyzed within the 12 hour clock criteria?	☒	☐	☐	
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	☒	☐	☐	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990 ?	☐	☐	☒	
Were all percent relative standard deviations (%RSD) $\leq 30\%$ and relative response factors (RRF) ≥ 0.05 ? <u>20%</u>	☒	☐	☐	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	☒	☐	☐	
Were all percent differences (%D) $\leq 20\%$? <u>30%</u>	☒	☐	☐	
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	☒	☐	☐	
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	☒	☐	☐	
Were all percent differences (%D) $\leq 20\%$ and relative response factors (RRF) ≥ 0.05 ?	☐	☒	☐	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	☒	☐	☐	
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	☒	☐	☐	
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.	☐	☒	☐	
VI. Field blanks				
Were field blanks were identified in this SDG?	☒	☐	☐	
Were target analytes detected in the field blanks?	☐	☒	☐	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	☐	☒	☐	
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?	☐	☒	☐	

LDC #: 59920A low

VALIDATION FINDINGS CHECKLIST

Page: 2 of 2
Reviewer: FT

Validation Area	Yes	No	NA
VIII. Matrix spike/Matrix spike duplicates			
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			/
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/
IX. Laboratory control samples			
Was an LCS analyzed per analytical batch?	/		
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		/	
X. Field duplicates			
Were field duplicate pairs identified in this SDG?		/	
Were target analytes detected in the field duplicates?			/
XI. Internal standards			
Were internal standard area counts within -50% to +100% of the associated calibration standard?	/		
Were retention times within + 30 seconds of the associated calibration standard?	/		
XII. Target analyte quantitation			
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	/		
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	/		
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/		
XIII. Target analyte identification			
Were relative retention times (RRT's) within + 0.06 RRT units of the standard?	/		
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	/		
Were chromatogram peaks verified and accounted for?	/		
Were manual integrations reviewed and found acceptable?	/		
Did the laboratory provide before and after integration printouts?	/		
XIV. System performance			
System performance was found to be acceptable.	/		
XV. Overall assessment of data			
Overall assessment of data was found to be acceptable.	/		

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3-Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #:_

VALIDATION FINDINGS WORKSHEET

Continuing Calibration

Page: 1 of 1
Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260) ✓

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

~~Y~~ ~~N~~ N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y/N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y (N) N/A Were all %D and RRFs within the validation criteria of ≤ 20 %D and ≥ 0.05 RRF ?

[illegible]

LDC #: 555 204/a**VALIDATION FINDINGS WORKSHEET**
Surrogate SpikesPage: 1 of 1
Reviewer: FT**METHOD:** GC/MS VOA (EPA SW 846 Method 8260 D)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were all surrogate %R within QC limits?
Y N N/A If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R out of outside of criteria?

#	Sample ID	Surrogate	%Recovery (Limits)		Qualifications
	<u>3</u>	<u>Tol</u>	<u>79</u>	<u>(80-120)</u>	<u>J u p</u> <u>NO + DET</u>
			()		
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			()		

SMC1 (TOL) = Toluene-d8
SMC2 (BFB) = Bromofluorobenzene
SMC3 (DCE) = 1,2-Dichloroethane-d4
SMC4 (DFM) = Dibromofluoromethane

LDC #: 55520 A/a

VALIDATION FINDINGS WORKSHEET

Laboratory Control Samples (LCS)

Page: 1 of 1
Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260 *D*)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y	N	N/A	Was a LCS required?

Y	N	N/A	Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?

[illegible]

LDC #: 35520A/a

VALIDATION FINDINGS WORKSHEET **Initial Calibration Calculation Verification**

 Page: 1 of 1
 Reviewer: FT
METHOD: GC/MS VOA (EPA SW 846 Method 8260 *D*)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the analytes identified below using the following calculations:

$$RRF = (A_x)(C_{is}) / (A_{is})(C_x)$$

average RRF = sum of the RRFs/number of standards

$$\%RSD = 100 * (S/X)$$

 A_x = Area of compound,

 C_x = Concentration of compound,

 S = Standard deviation of the RRFs

 X = Mean of the RRFs

 A_{is} = Area of associated internal standard

 C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported	Recalc	Reported	Recalc	Reported	Recalc
				RRF ¹⁴⁰⁰ (20/100 std)	RRF ¹⁴⁰⁰ (20/100 std)	Average RRF (initial)	Average RRF (initial)	%RSD	%RSD
1	ICAL MS11	10/25/22	QQQ (1st internal standard)	0.3312	0.3312	0.3374	0.3374	12.1	12.1
			F (2nd internal standard)	0.2434	0.2434	0.2490	0.2490	16.5	16.5
			HHHH (3rd internal standard)	1.1441	1.1441	1.1716	1.1716	19.4	19.6
			CC (4th internal standard)	1.5884	1.5884	1.5926	1.5926	10.5	10.5
2			BB (1st internal standard)	1.3305	1.3305	1.3505	1.3505	7.8	7.8
			(2nd internal standard)	0.8062	0.8062	0.8386	0.8386	5.8	5.8
			(3rd internal standard)						
			(4th internal standard)						
3			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
4			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 55520A/a

VALIDATION FINDINGS WORKSHEET **Continuing Calibration Results Verification**

Page: 1 of 1
Reviewer: FTMETHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the analytes identified below using the following calculation:

% Difference = $100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$
 $\text{RRF} = (A_x)(C_{is}) / (A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

 A_x = Area of compound, A_{is} = Area of associated internal standard C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference internal Standard)	Average RRF (initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	LEV	10/30/22 1830	QQQ (1st internal standard)	0.3374	0.3286	0.3286	2.6	2.6
			F (2nd internal standard)	0.2490	0.2679	0.2679	7.6	7.6
			HHHH (3rd internal standard)	1.1716	1.476	1.470	25.5	25.5
			CL (4th internal standard)	1.5926	1.528	1.528	4.1	4.1
2			BB (1st internal standard)	1.3525	0.7530	0.7530	18.0	18.0
			/ (2nd internal standard)	0.8386				
			(3rd internal standard)					
			(4th internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 555 20A / a**VALIDATION FINDINGS WORKSHEET**
Surrogate Results VerificationPage: 1 of 1Reviewer: FT

2nd reviewer: _____

METHOD: GC/MS VOA (EPA SW 846 Method 8260^P)

The percent recoveries (%R) of surrogates were recalculated for the analytes identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 3

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	39.3	79	79	0
1,2-Dichloroethane-d4		38.4	77	77	
Toluene-d8		39.4	79	79	
Bromofluorobenzene		42.7	85	85	

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

LDC #: 555 20A/a

VALIDATION FINDINGS WORKSHEET **Laboratory Control Sample Results Verification**

 Page: 1 of 1
 Reviewer: FT
METHOD: GC/MS VOA (EPA Method 8260 D)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate (if applicable) were recalculated for the analytes identified below using the following calculation:

% Recovery = $100 * SSC/SA$
 Where: SSC = Spiked sample concentration
 SA = Spike added

 $RPD = |LCSC - LCSDC| * 2 / (LCSC + LCSDC)$

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: LCS 1P 460-875099

Compound	Spike Added (<u>ug/L</u>)		Spiked Sample Concentration (<u>ug/L</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	<u>20.0</u>	<u>20.0</u>	<u>20.6</u>	<u>21.3</u>	<u>103</u>	<u>103</u>	<u>106</u>	<u>106</u>	<u>3</u>	<u>3</u>
Trichloroethene	<u>↓</u>	<u>↓</u>	<u>20.3</u>	<u>20.6</u>	<u>101</u>	<u>101</u>	<u>103</u>	<u>103</u>	<u>1</u>	<u>1</u>
Benzene	<u>↓</u>	<u>↓</u>	<u>19.2</u>	<u>19.4</u>	<u>96</u>	<u>96</u>	<u>97</u>	<u>97</u>	<u>1</u>	<u>1</u>
Toluene	<u>↓</u>	<u>↓</u>	<u>19.9</u>	<u>19.8</u>	<u>99</u>	<u>99</u>	<u>99</u>	<u>99</u>	<u>0</u>	<u>0</u>
Chlorobenzene	<u>↓</u>	<u>↓</u>	<u>199</u>	<u>20.4</u>	<u>99</u>	<u>99</u>	<u>102</u>	<u>102</u>	<u>3</u>	<u>3</u>

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 555 20A/a

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

Page: 1 of 1

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260) *12*

(Y/N/N/A

Were all reported results recalculated and verified for all level IV samples?

Y	N	N/A

Were all recalculated results for detected target analytes agree within 10.0% of the reported results?

$$\text{Concentration} = \frac{(A_v)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. #1, 000

$$\text{Conc.} = \frac{(698) (50.0)}{(398296) (0.3374)}$$

0.25970 $\mu\text{g/L}$

[illegible]