



Consulting
Engineers and
Scientists

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

Borough of The Bronx
Bronx County, New York
BCP Site No. C203091

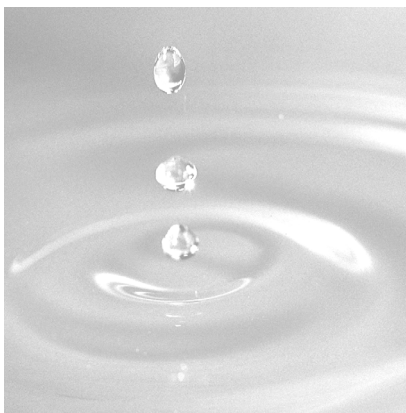
Prepared for:

Concourse Village West Owner LLC
40 Fulton Street, 12th Floor
New York, New York 10038

Prepared by:

GEI Consultants, Inc., P.C.
1000 New York Ave, Suite B
Huntington Station, NY 11746
631-760-9300

Revised January 2023
Project 1704733



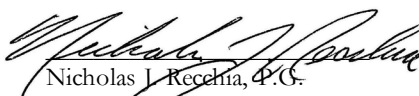
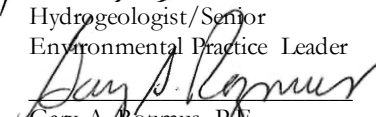

Nicholas J. Recchia, P.E.
Hydrogeologist/Senior
Environmental Practice Leader

Gary A. Rozmus, P.E.
Senior Consultant

Table of Contents

Abbreviations, Acronyms, and Measurements	iii
Periodic Review Report Certification Statement	iv
1. Introduction	1
1.1 Background	1
1.2 Site Location and Description	1
1.3 Site Geology	2
1.4 Remaining Contamination	2
1.5 Remedial Action Objectives	4
2. Institutional Control (IC) Plan Compliance	5
2.1 Institutional Controls	5
2.2 Engineering Controls	5
2.3 IC Certification	5
3. Monitoring and Sampling Plan Compliance	6
3.1 Site-wide Inspection	6
3.2 Soil Vapor Intrusion Evaluation	6
3.3 Groundwater Monitoring	7
4. Conclusions	9
References	10

Tables

1. Indoor Air Analytical Results
2. Annual Groundwater Monitoring Results

Figures

1. Site Location Map
2. Site Plan
3. Soil Vapor Intrusion Evaluation Results – Cellar
4. Soil Vapor Intrusion Evaluation Results – First Floor
5. Groundwater Exceedances

Appendices

- A. Site-wide Inspection Form
- B. Structure Sampling Questionnaire and Building Inventory
- C. Soil Vapor Intrusion Evaluation Laboratory Data Reports
- D. Groundwater Sampling Logs
- E. Groundwater Laboratory Data Reports
- F. Data Usability Summary Reports

NJ/GR:ag

I:\Tech\Environmental Projects\Azimuth Development Group\Concourse Village West Bronx,
NY\PRRs\2021-2022\North\R1\Report.C203091.2023-01.PRR 2022.01.16.docx

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.

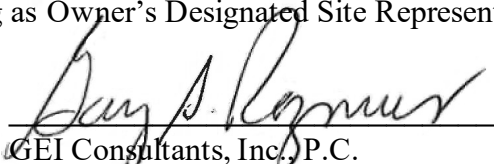
For each institutional or engineering control identified for the Site, I certify that all the following statements are true:

- 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 site management plan (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, 2021, at the Concourse Village West Apartments – North 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 2021-2022 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, periodic inspections, and investigation activities for this reporting period were performed in accordance with the SMP, which was approved by the NYSDEC on December 23, 2019.

1.1 Background

The Site was formerly used as part of a rail yard, which historically contained a manufactured gas plant in an off-Site portion of the yard. Gasoline service stations have historically been located at nearby properties located directly to the west of the Site. Historic fill was excavated and disposed off-Site in accordance with the NYSDEC-approved March 2018 Remedial Action Work Plan.

1.2 Site Location and Description

The Site is located in The Bronx, Bronx County, New York and is identified as Block 2458 and Lot 35 on the New York City Tax Map (see Figure 1). The Site is situated on an

approximately 15,597-square foot (sf) area bounded by East 156th Street to the north, beyond which lies an indoor parking garage and residential buildings to the north, a furniture and poultry corporation to the south, Concourse Village West to the east, beyond which lies KIPP Academy Elementary School, and Grand Concourse to the west, beyond which is Franz Sigel Park (see Figure 2).

The Site currently consists of a 10-story residential building with below grade parking, commercial space on the first floor, a recreation room, laundry room, a residential lobby fronting along Concourse Village West, and approximately 1,110-sf of open, paved, recreation space in the rear of the property. The building contains 114 affordable residential units.

1.3 Site Geology

Due to the nature of the local geography, associated with bedrock shelves located in the area, there is a significant change in elevation moving both north (i.e., north along Concourse Village West to the intersection of East 156th Street) and west along East 156th Street. The Site slopes from a low elevation of +50.46 to a high elevation of +58.77, as surveyed using the North American Vertical Datum of 1988 (NAVD 88), along Concourse Village West. Moving west, the elevation slopes from +58.77 to an elevation of +66.73, along the back property line of the Site. The average elevation of the Site used for the creation of redevelopment documents was approximately +57.34, measured in NAVD88.

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, and glass, and was observed up to 33 ft. below ground surface (bgs) on the Site. 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 was encountered at approximately 50 ft. bgs and weathered bedrock was encountered at approximately 70 ft. bgs.

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 elevation shallower than 15 ft. bgs. Directly below the poured foundation, RRSCO exceedances were documented in endpoint samples for semi-volatile organic compounds (SVOCs) and metals. SVOC RRSCO exceedances were limited to the duplicate sample of a single location (EP-3) of benzo(b)fluoranthene (1.1 milligrams per kilogram [mg/kg]) and indeno(1,2,3-cd)pyrene (0.60 mg/kg). The metal exceedances were limited to the following compounds: lead (maximum at EP-5, 453 mg/kg) and mercury (maximum at

EP-5, 1.2 mg/kg). Exceedances of Unrestricted Use Site Cleanup Objectives (UUSCOs) were documented in all eight of the end-point samples, specifically for volatile organic compounds (VOCs), SVOCs, and metals.

During the implementation of the June 2019 Supplemental Investigation Work Plan, exceedances were detected in groundwater for the following petroleum-related VOCs: benzene, ethylbenzene, toluene, o-xylene, and m/p-xylene. Petroleum-related VOCs are assumed to originate from an off-Site spill located at 173 E 156th Street (DEC Spill No. 0551708). Non-petroleum-related compound exceedances were limited to acetone, isopropylbenzene, and 2-butanone. SVOC exceedances were limited to naphthalene and p-cresol.

Metals exceedances were identified in all three of the monitoring well samples, with the following maximum exceedances:

- Antimony (10.7 µg/L in SIN-MW-1)
- Arsenic (maximum 53.5 µg/L in SIN-MW-1)
- Chromium (129 µg/L in ET-MW-8)
- Iron (maximum 163,000 µg/L in ET-MW-8)
- Lead (maximum 130 µg/L in ET-MW-8 [this was detected also in the associated method blank])
- Magnesium (63,100 µg/L in ET-MW-8)
- Manganese (maximum 8,130 µg/L in ET-MW-8)
- Mercury (1.6 µg/L in ET-MW-8)
- Nickel (123 µg/L in ET-MW-8)
- Selenium (11.1 µg/L in SIN-MW-1)
- Sodium (maximum 429,000 µg/L in SIN-MW-1)
- Thallium (0.93 µg/L in ET-MW-8)

Dissolved analysis for iron and manganese in these monitoring wells generally highlighted a large reduction in concentration. A majority of the groundwater metal exceedances detected were at historic monitoring well ET-MW-8, which was installed in 2005, potentially indicating that the sand pack of this monitoring well had been fouled and was allowing the infiltration of sediment into the monitoring well water column.

PFAS and 1,4-Dioxane were analyzed in groundwater and compared to the recent screening levels provided by the NYSDEC. 1,4-Dioxane was detected in ET-MW-8 in exceedance of

the 0.35 µg/L screening level with a concentration of 0.73 µg/L. The USEPA has established a health advisory for per-fluorooctanoic acid (PFOA) and per-fluorooctanesulfonic acid (PFOS) in drinking water of 70 nanograms per liter (ng/L). Analytical results indicated that SIN-MW-1 and SIN-MW-2A exceeded the health advisory level established for PFOS, with detections of 89.3 ng/L and 103 ng/L, respectively. The total PFOA and PFOS concentrations at SIN-MW-1 and SIN-MW-2A are 103.5 ng/L and 112.45 ng/L, respectively. No monitoring well exceeded the total PFAS health advisory level established of 500 ng/L.

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. Site records were complete and up to date. 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 12, 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 VOCs identified prior to remediation at the Site are present in indoor air in the basement and first floor of the building.

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 on the cellar level and first floor level are shown in Figure 3 and Figure 4, respectively. Concentrations of VOCs in indoor air samples collected in the basement and first floor 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 p- & m-xylenes, found in the basement sample at 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) were not detected in any of the samples. Trichloroethylene (TCE) was detected in both indoor air samples at concentrations below the NYSDOH AGV. Carbon tetrachloride was detected at similar concentrations in all the samples, including indoor and outdoor air (maximum concentration of 0.480 µg/m³ in IA-2).

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 petroleum-related compound, p- & m-xylenes, was detected at the NYSDOH upper fence background concentration of 11 µg/m³ in the parking garage attendant booth sample (IA-2). This result is attributable to the commercial parking operation on the cellar level.

Based on the results of the SVI Evaluation conducted at 747 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 building cellar.
- 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 p- & m-xylenes, which was detected at the published background upper fence concentration in the cellar parking attendant booth.
- 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 four monitoring wells (CVW-MW-2, CVW-MW-3, CVW-MW-4A, and CVW-MW-4B) in accordance with Section 4.3.1 of the SMP. Monitoring well CVW-MW-1 was not sampled because it was dry.

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 exceeding 6NYCRR Part 703.5 Ambient Water Quality Standards (AQWS) were detected in all wells sampled at levels consistently lower than in the previous annual sampling event. These contaminants are likely attributable to the off-Site spill located at 173 E 156th Street (DEC Spill No. 0551708). Most of the highest concentrations occurred in monitoring well CVW-MW-4A. The specific compounds and their respective highest concentrations were as follows:

- Benzene (in two wells, highest concentration 9.0 µg/L in CVW-MW-3)
- Ethylbenzene (in four wells, highest concentration 370 µg/L in CVW-MW-2)
- Isopropylbenzene (in four wells, highest concentration 39 µg/L CVW-MW-2)
- o-Xylene (in four wells, highest concentration 88 µg/L in CVW-MW-4A)
- Toluene (in four wells, highest concentration 92 µg/L in CVW-MW-4A).

Other VOC exceedances were limited to one acetone exceedance (230 µg/L [estimate]) in CVW-MW-2.

Table 2 presents the analytical results of the October 2022 groundwater monitoring event. Figure 5 shows a box map of all AWQS exceedances.

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.

GEI Consultants, Inc., P.C., Remedial Action Work Plan. March 2018.

GEI Consultants, Inc., P.C., Supplemental Investigation Work Plan. April 2018.

GEI Consultants, Inc., P.C., Site Management Plan. December 2019.

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	IA-1		IA-2		OA-1	
York ID	22A0587-01			22A0587-02		22A0587-03			
Sampling Date	1/12/2022 8:20:00 AM			1/12/2022 8:25:00 AM		1/12/2022 8:15:00 AM			
Client Matrix	Indoor Ambient Air			Indoor Ambient Air		Outdoor Ambient Air			
Compound	CAS Number			Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3	ug/m3	ug/m3		ug/m3		ug/m3	
Dilution Factor				0.737		0.842		0.874	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.510	U	0.580	U	0.600	U
1,1,1-Trichloroethane	71-55-6	2.5	~	0.400	U	0.460	U	0.480	U
1,1,2,2-Tetrachloroethane	79-34-5	0.4	~	0.510	U	0.580	U	0.600	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	2.5	~	0.620	D	0.710	D	0.670	D
1,1,2-Trichloroethane	79-00-5	0.4	~	0.400	U	0.460	U	0.480	U
1,1-Dichloroethane	75-34-3	0.4	~	0.300	U	0.340	U	0.350	U
1,1-Dichloroethylene	75-35-4	0.4	~	0.0730	U	0.0830	U	0.0870	U
1,2,4-Trichlorobenzene	120-82-1	0.5	~	0.550	U	0.620	U	0.650	U
1,2,4-Trimethylbenzene	95-63-6	9.8	~	2.900	D	4.100	D	0.430	U
1,2-Dibromoethane	106-93-4	0.4	~	0.570	U	0.650	U	0.670	U
1,2-Dichlorobenzene	95-50-1	0.5	~	0.440	U	0.510	U	0.530	U
1,2-Dichloroethane	107-06-2	0.4	~	0.300	U	0.340	U	0.350	U
1,2-Dichloropropane	78-87-5	0.4	~	0.340	U	0.390	U	0.400	U
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	~	0.520	U	0.590	U	0.610	U
1,3,5-Trimethylbenzene	108-67-8	3.9	~	1.400	D	1.200	D	0.430	U
1,3-Butadiene	106-99-0	~	~	0.490	J	1.800	D	0.580	U
1,3-Dichlorobenzene	541-73-1	0.5	~	0.440	U	0.510	U	0.530	U
1,3-Dichloropropane	142-28-9	~	~	0.340	U	0.390	U	0.400	U
1,4-Dichlorobenzene	106-46-7	1.2	~	0.440	U	0.510	U	0.530	U
1,4-Dioxane	123-91-1	~	~	0.530	U	0.610	U	0.630	U
2-Butanone	78-93-3	16	~	1	D	1.400	D	1.800	D
2-Hexanone	591-78-6	~	~	0.600	U	0.690	U	0.720	U
3-Chloropropene	107-05-1	~	~	1.200	U	1.300	U	1.400	U
4-Methyl-2-pentanone	108-10-1	1.9	~	0.300	U	0.340	D	0.360	U
Acetone	67-64-1	115	~	7.600	D	20	D	7	D
Acrylonitrile	107-13-1	~	~	0.160	U	0.180	J	0.190	U
Benzene	71-43-2	13	~	1.500	D	11	D	1	D
Benzyl chloride	100-44-7	~	~	0.380	U	0.440	U	0.450	U
Bromodichloromethane	75-27-4	~	~	0.490	U	0.560	U	0.590	U
Bromoform	75-25-2	~	~	0.760	U	0.870	U	0.900	U
Bromomethane	74-83-9	0.5	~	0.290	U	0.330	U	0.340	U
Carbon disulfide	75-15-0	~	~	0.230	U	0.260	U	0.270	U
Carbon tetrachloride	56-23-5	1.3	~	0.460	D	0.480	D	0.440	D
Chlorobenzene	108-90-7	0.4	~	0.340	U	0.390	U	0.400	U
Chloroethane	75-00-3	0.4	~	0.190	U	0.220	U	0.230	U
Chloroform	67-66-3	1.2	~	0.360	U	0.410	U	0.430	U
Chloromethane	74-87-3	4.2	~	1.500	D	2.400	D	1.500	D
cis-1,2-Dichloroethylene	156-59-2	0.4	~	0.0730	U	0.0830	U	0.0870	U
cis-1,3-Dichloropropylene	10061-01-5	0.4	~	0.330	U	0.380	U	0.400	U
Cyclohexane	110-82-7	6.3	~	0.360	D	1.800	D	0.420	D
Dibromochloromethane	124-48-1	~	~	0.630	U	0.720	U	0.740	U
Dichlorodifluoromethane	75-71-8	10	~	2.500	D	2.600	D	2.600	D
Ethyl acetate	141-78-6	~	~	0.530	D	0.730	D	1	D
Ethyl Benzene	100-41-4	6.4	~	0.480	D	3.500	D	0.460	D
Hexachlorobutadiene	87-68-3	0.5	~	0.790	U	0.900	U	0.930	U
Isopropanol	67-63-0	~	~	6.800	BD	65	BD	6.500	BD
Methyl Methacrylate	80-62-6	0.4	~	0.300	U	0.340	U	0.360	U
Methyl tert-butyl ether (MTBE)	1634-04-4	14	~	0.270	U	0.300	U	0.320	U
Methylene chloride	75-09-2	16	60	1.600	D	0.670	D	1.500	D
n-Heptane	142-82-5	18	~	1.900	D	3.300	D	5.800	D
n-Hexane	110-54-3	14	~	0.990	D	4.900	D	0.680	D
o-Xylene	95-47-6	7.1	~	1.200	D	4.300	D	0.490	D
p- & m- Xylenes	179601-23-1	11	~	2.800	D	11	D	1.600	D
p-Ethyltoluene	622-96-8	~	~	3.100	D	4.200	D	0.430	U
Propylene	115-07-1	~	~	0.130	U	14	D	0.150	U
Styrene	100-42-5	1.4	~	0.310	J	0.820	D	0.370	U
Tetrachloroethylene	127-18-4	2.5	30	0.800	D	0.570	U	0.590	J
Tetrahydrofuran	109-99-9	0.8	~	0.430	U	0.500	U	0.520	U
Toluene	108-88-3	57	~	3.300	D	18	D	2.600	D
trans-1,2-Dichloroethylene	156-60-5	~	~	28	D	7.400	D	0.350	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.330	U	0.380	U	0.400	U
Trichloroethylene	79-01-6	0.5	2	0.120	D	0.140	D	0.120	U
Trichlorofluoromethane (Freon 113)	75-69-4	12	~	1.500	D	1.400	D	1.500	D
Vinyl acetate	108-05-4	~	~	0.260	U	0.300	U	0.310	U
Vinyl bromide	593-60-2	~	~	0.320	U	0.370	U	0.380	U
Vinyl Chloride	75-01-4	0.4	~	0.0940	U	0.110	U	0.110	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 - North
NYSDEC BCP Site No. C203091

Sample Name Sample Date Parent Sample				CVW-MW-1 4/15/2021		CVW-MW-2 4/15/2021		CVW-MW-2 10/25/2022		CVW-MW-3 4/15/2021		DUP-01 4/15/2021 CVW-MW-3		CVW-MW-3 10/25/2022		CVW-MW-4A 4/14/2021		CVW-MW-4A 10/25/2022		CVW-MW-4B 10/25/2022	
Analyte	Units	CAS No.	NYS AWQS																		
Volatile Organic Compounds	ug/L																				
1,1,1,2-Tetrachloroethane		630-20-6	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1,1-Trichloroethane		71-55-6	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1,2,2-Tetrachloroethane		79-34-5	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane		76-13-1	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1,2-Trichloroethane		79-00-5	1	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1-Dichloroethane		75-34-3	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,1-Dichloroethene		75-35-4	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2,3-Trichlorobenzene		87-61-6	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2,4-Trichlorobenzene		120-82-1	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2-Dibromo-3-Chloropropane		96-12-8	0.04	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2-Dichlorobenzene		95-50-1	3	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2-Dichloroethane		107-06-2	0.6	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,2-Dichloropropane		78-87-5	1	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,3-Dichlorobenzene		541-73-1	3	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,4-Dichlorobenzene		106-46-7	3	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
1,4-Dioxane		123-91-1	NE	100	U	2500	U	250	U	500	U	500	U	50	U	2500	U	50	U	50	U
2-Butanone (MEK)		78-93-3	50	10	U	250	U	31		50	U	50	U	5.0	U	250	U	5.0	U	5.0	U
2-Hexanone		591-78-6	50	10	U	250	U	25	U	50	U	50	U	5.0	U	250	U	5.0	U	5.0	U
2-Methyl-2-propanol		75-65-0	NE	20	U	500	U	50	U	100	U	100	U	10	U	500	U	10	U	10	U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	10	U	250	U	25	U	50	U	50	U	5.0	U	250	U	5.0	U	5.0	U
Acetone		67-64-1	50	10	U *	230	J *	110		50	U *	50	U *	9.3		250	U	5.0	U	9.2	
Benzene		71-43-2	1	2.0	U	50	U	1.3	J	18		18		9.0		27	J	2.1		1.0	U
Bromoform		75-25-2	50	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Bromomethane		74-83-9	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Carbon disulfide		75-15-0	NE	2.0	U	50	U	5.5		10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Carbon tetrachloride		56-23-5	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Chlorobenzene		108-90-7	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Chlorobromomethane		74-97-5	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Chlorodibromomethane		124-48-1	50	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Chloroethane		75-00-3	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Chloroform		67-66-3	7	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.2	
Chloromethane		74-87-3	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
cis-1,2-Dichloroethene		156-59-2	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
cis-1,3-Dichloropropene		10061-01-5	NE	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Cyclohexane		110-82-7	NE	9.1		100		5.0	U	120		98		1.0	U	74		1.0	U	1.0	U
Dichlorobromomethane		75-27-4	50	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Dichlorodifluoromethane		75-71-8	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Ethylbenzene		100-41-4	5	160		2400		370		1400		1300		56		2900		120		1.0	U
Ethylene Dibromide		106-93-4	0.0006	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Isopropylbenzene		98-82-8	5	22		230		39		160		140		22		150		32		1.0	U
Methyl acetate		79-20-9	NE	10	U	250	U	25	U	50	U	50	U	5.0	U	250	U	5.0	U	5.0	U
Methyl tert-butyl ether		1634-04-4	NE	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Methylcyclohexane		108-87-2	NE	11		150		84		220		170		36		100		240		1.0	U
Methylene Chloride		75-09-2	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
m-Xylene & p-Xylene		179601-23-1	NE	750		12000		860		3200		3100		93		13000		260		1.0	U
o-Xylene		95-47-6	5	220		3600		62		460		450		9.9		5800		88		1.0	U
Styrene		100-42-5	5	0.93	J	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U

Table 2. Annual Groundwater Monitoring Results
Periodic Review Report
Concourse Village West Apartments - North
NYSDEC BCP Site No. C203091

Sample Name Sample Date Parent Sample				CVW-MW-1 4/15/2021		CVW-MW-2 4/15/2021		CVW-MW-2 10/25/2022		CVW-MW-3 4/15/2021		DUP-01 4/15/2021 CVW-MW-3		CVW-MW-3 10/25/2022		CVW-MW-4A 4/14/2021		CVW-MW-4A 10/25/2022		CVW-MW-4B 10/25/2022	
Analyte	Units	CAS No.	NYS AWQS																		
Tetrachloroethene		127-18-4	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Toluene		108-88-3	5	30		600		23		50		47		2.6		7500		92		1.0	U
trans-1,2-Dichloroethene		156-60-5	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
trans-1,3-Dichloropropene		10061-02-6	NE	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Trichloroethene		79-01-6	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Trichlorofluoromethane		75-69-4	5	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Vinyl chloride		75-01-4	2	2.0	U	50	U	5.0	U	10	U	10	U	1.0	U	50	U	1.0	U	1.0	U
Xylenes, Total		NA	NE	970		15000		920		3700		3600		100		19000		350		2.0	U
Total VOCs		NA	NE	2173.03		34310.0		2505.8		9328.0		8923.0		337.8		48551.0		1185.1		10.4	
Total Estimated TICs		NA	NE	1628.0		16310.0		3490.0		10340.0		8270.0		1040.0		9510.0		1567.0		305.0	
SW 8270 SIM	ug/L																				
1,4-Dioxane			NE	0.20	U	0.20	U			6.0		6.7				0.43		NA		NA	
Perfluoroundecanoic Acids EPA 537	ng/L																				
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)			NE	1.61	U	1.68	U	NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)			NE	4.03	U	4.19	U	NA		4.22	U	4.10	U	NA		4.09	U	NA		NA	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			NE	4.03	U	0.90	J	NA		4.22	U	4.10	U	NA		4.09	U	NA		NA	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			NE	4.03	U	4.25		NA		4.22	U	4.10	U	NA		4.09	U	NA		NA	
Perfluorobutanesulfonic acid (PFBS)			NE	10.0		8.75		NA		3.51		3.39		NA		10.3		NA		NA	
Perfluorobutanoic acid (PFBA)			NE	10.5		18.9		NA		13.1		13.2		NA		21.6		NA		NA	
Perfluorodecanesulfonic acid (PFDS)			NE	1.61	U	1.68	U	NA		1.69	U	1.64	U	NA		0.59	J	NA		NA	
Perfluorodecanoic acid (PFDA)			NE	0.39	J	11.2		NA		1.30	J	1.21	J	NA		1.63	U	NA		NA	
Perfluorododecanoic acid (PFDoA)			NE	1.61	U	0.54	J	NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
Perfluoroheptanesulfonic Acid (PFHpS)			NE	1.61	U	1.67	J	NA		0.33	J	0.45	J	NA		0.33	J	NA		NA	
Perfluoroheptanoic acid (PFHpA)			NE	0.47	J	17.8		NA		5.68		5.45		NA		11.0		NA		NA	
Perfluorohexanesulfonic acid (PFHxS)			NE	2.43		19.6		NA		2.59		2.71		NA		2.42		NA		NA	
Perfluorohexanoic acid (PFHxA)			NE	1.22	J	40.2		NA		10.0		10.0		NA		21.2		NA		NA	
Perfluorononanoic acid (PFNA)			NE	1.61	U	6.07		NA		1.75		1.73		NA		0.77	J	NA		NA	
Perfluorooctanesulfonamide (PFOSA)			NE	1.61	U	2.25		NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
Perfluorooctanesulfonic acid (PFOS)			NE	10.9		221		NA		29.8		30.0		NA		6.91	B	NA		NA	
Perfluorooctanoic acid (PFOA)			NE	0.77	J	40.2		NA		17.2		17.7		NA		25.7		NA		NA	
Perfluoropentanoic acid (PFPeA)			NE	4.21		56.8		NA		15.8		18.5		NA		35.6		NA		NA	
Perfluorotetradecanoic acid (PFTeA)			NE	1.61	U	1.68	U	NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
Perfluorotridecanoic acid (PFTriA)			NE	1.61	U	1.68	U	NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
Perfluoroundecanoic acid (PFUnA)			NE	1.61	U	1.80		NA		1.69	U	1.64	U	NA		1.63	U	NA		NA	
			NE	11.67		261.2		NA		47.0		47.7		NA		32.61		NA		NA	

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

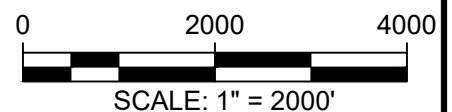
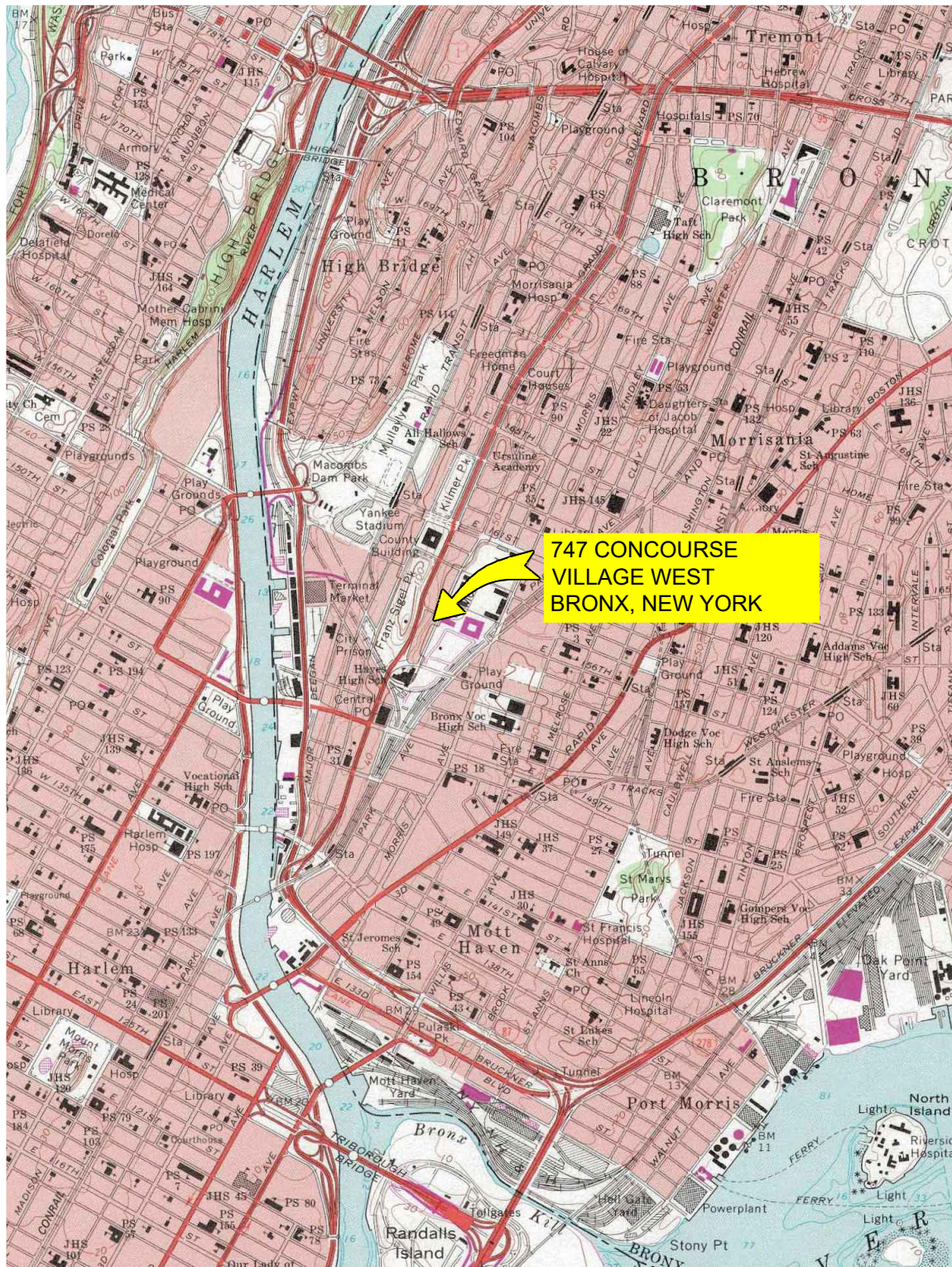
NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater

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
* = Laboratory Control Sample or LCS Duplicate is outside acceptance limits.

Figures



SOURCE:

USGS CENTRAL PARK QUADRANGLE MAP

PERIODIC REVIEW REPORT
CONCOURSE VILLAGE WEST APARTMENTS - NORTH
747 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

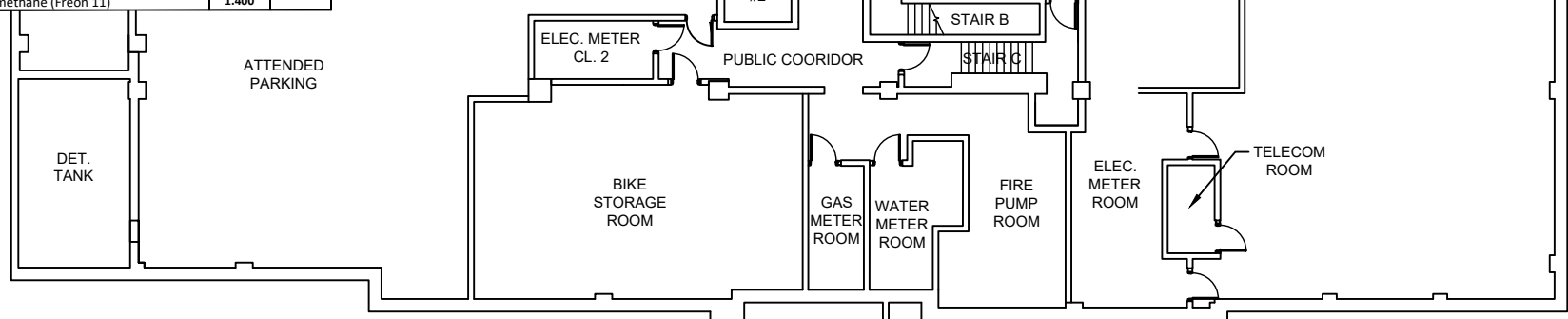
AUGUST 2022

Fig. 1

Sample ID	IA-2	
Sample Date	1/12/2022	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List		
Dilution Factor	ug/m3	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.842	
1,2,4-Trimethylbenzene	0.710	
1,3,5-Trimethylbenzene	4.100	
1,3-Butadiene	1.200	
2-Butanone	1.800	
4-Methyl-2-pentanone	1.400	
Acetone	0.340	
Acrylonitrile	20	
Benzene	0.180	
Carbon tetrachloride	11	
Chloromethane	0.480	
Cyclohexane	2.400	
Dichlorodifluoromethane	1.800	
Ethyl acetate	2.600	
Ethyl Benzene	0.730	
Isopropanol	3.500	
Methylene chloride	65	
n-Heptane	0.670	
n-Hexane	3.300	
o-Xylene	4.900	
p- & m- Xylenes	4.300	
p-Ethyltoluene	11	
Propylene	4.200	
Styrene	14	
Toluene	0.820	
trans-1,2-Dichloroethylene	18	
Trichloroethylene	7.400	
Trichlorofluoromethane (Freon 11)	0.140	
	1.400	

B

IA-2
ATTENDANT
BOOTH



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 - NORTH
747 CONCOURSE VILLAGE WEST,
BRONX, NEW YORK
BCP SITE #C203091
CONCOURSE VILLAGE WEST - NORTH
BRONX, NEW YORK



Project 1704733

SOIL VAPOR INTRUSION
EVALUATION RESULTS -
CELLAR

August 2022

Fig. 3

Appendix A

Site Inspection Form

Site Inspection Form

CONCOURSE VILLAGE WEST APARTMENTS – NORTH

NYSDEC BCP Site Number: C203091

General Information			
Project Name	Concourse Village West Apartments - North		
Site No.	C203091	Location	180 East 156th Street, Bronx, New York ~~(712 East Concourse)~~
Date of Inspection	8/19/22	Start/End Time	9:20 - 9:35
Inspector's Name(s)	Michael Bohuski 747 Concourse Village West		
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 building		
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 leaks
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 - NORTH Site Code: C203091 Operable Unit: _____
Building Code: _____ Building Name: _____
Address: 747 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): 90 Number of Children: 38
☐ 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: 10 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): 16.5 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: 747 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	Rust-oleum Gloss Protective En 	12	U	Propane, acetone, n-Butyl acetate, titanium dioxide, n-Butane, solvent naphtha light aromatic, xylenes (o-, m-, p-), barium sulfate, propylene 	0.0	☐
Guard Booth	Black Jack Roach & Ant Killer	12-3/4	U	Propane, n-Butane, distillates (petroleum) hydrotreated light, sodium benzoate, cypermethrin, pyrethrins, prallethrin	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 - NORTH Site Code: C203091 Operable Unit: _____

Building Code: _____ Building Name: _____

Address: 747 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: _____

☐ 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: 25 °F

Current Building Use: VACANT Barometric Pressure: 30.28 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:	18313	41937	36450		
Regulator ID:	13569	13561	5378		
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:	01/12/2022 8:20	01/12/2022	01/12/2022		
Vacuum Gauge Start:	-22	-30	-26		
Sample End Date/Time:	01/12/2022 16:	01/12/2022	01/12/2022		
Vacuum Gauge End:	-3	-8	-3		
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



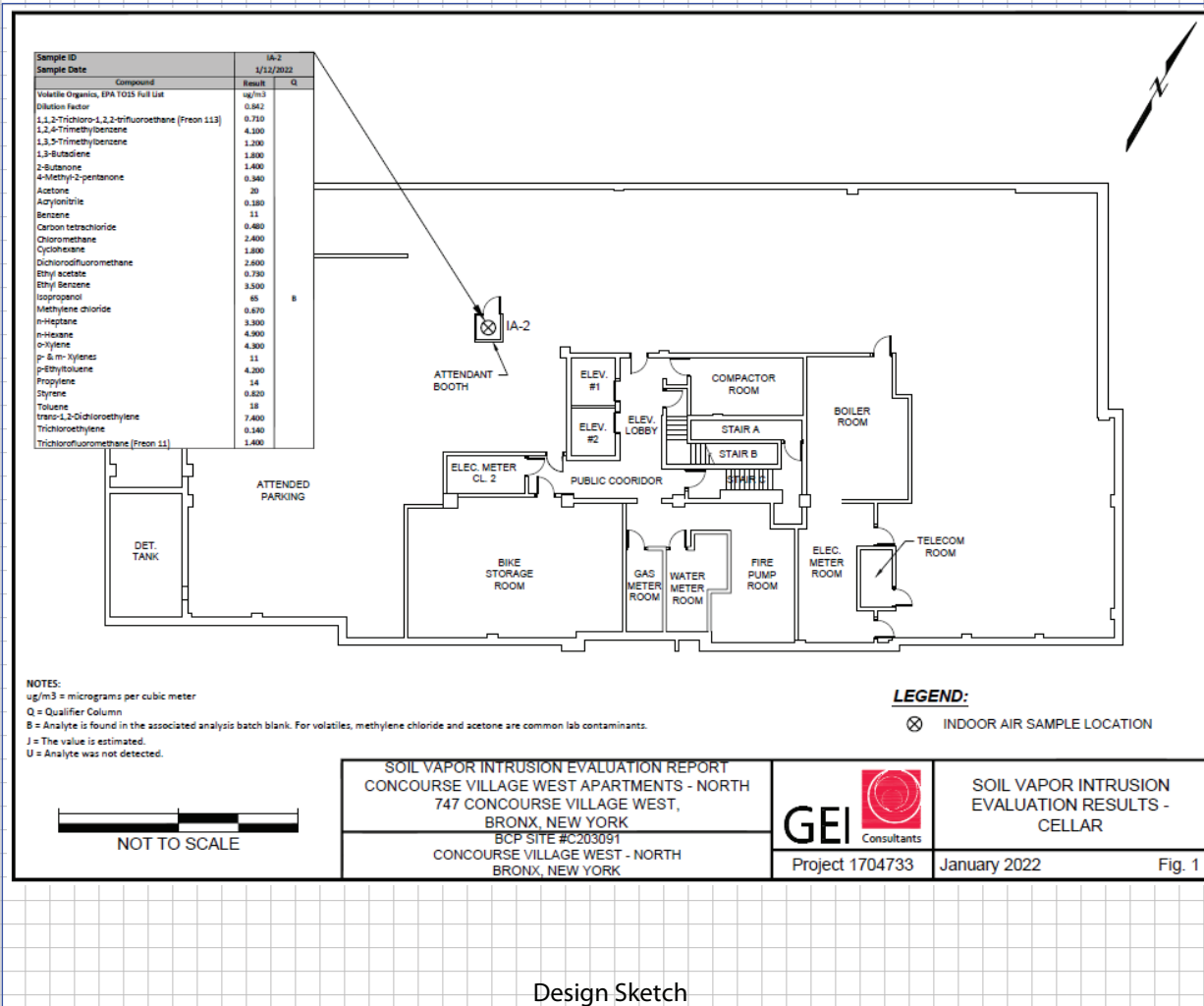
Structure Sampling Questionnaire and Building Inventory

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.



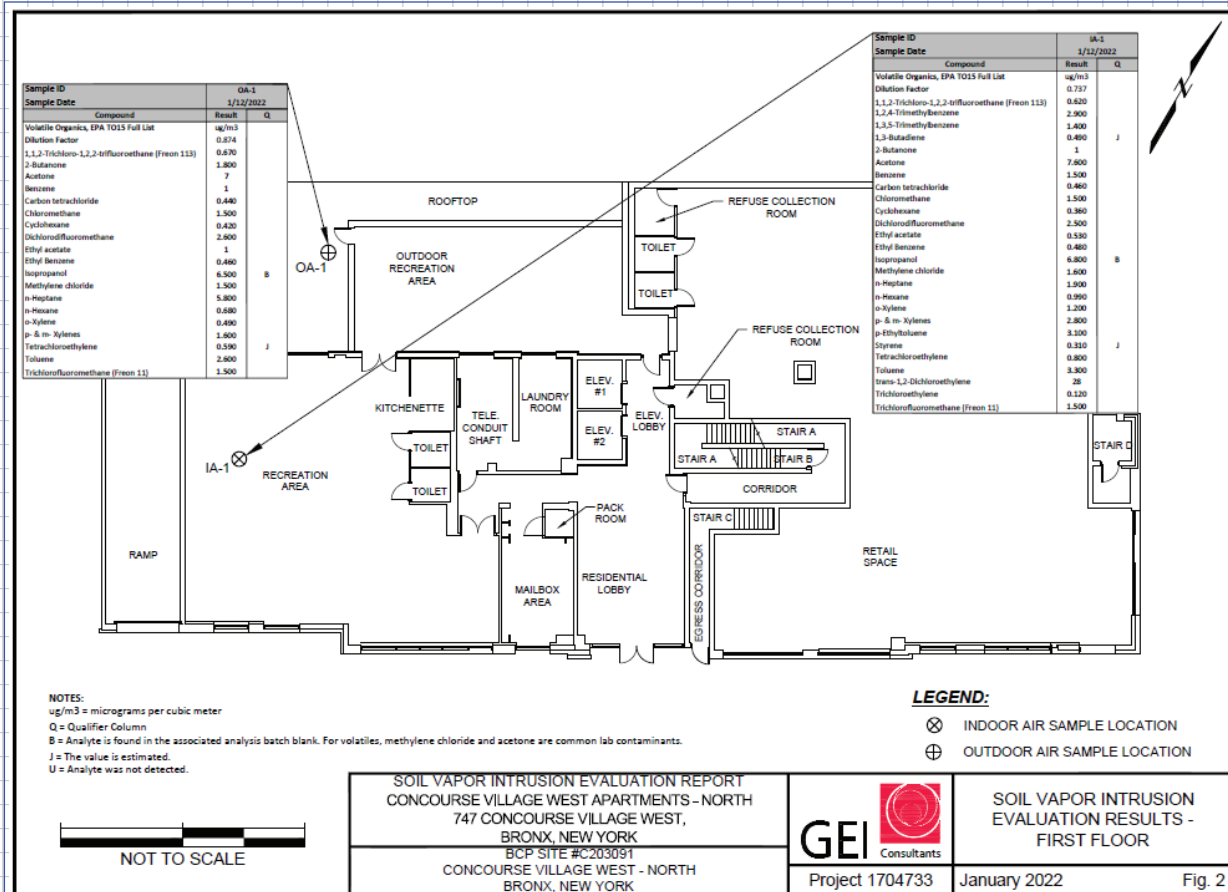
Structure Sampling Questionnaire and Building Inventory

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.



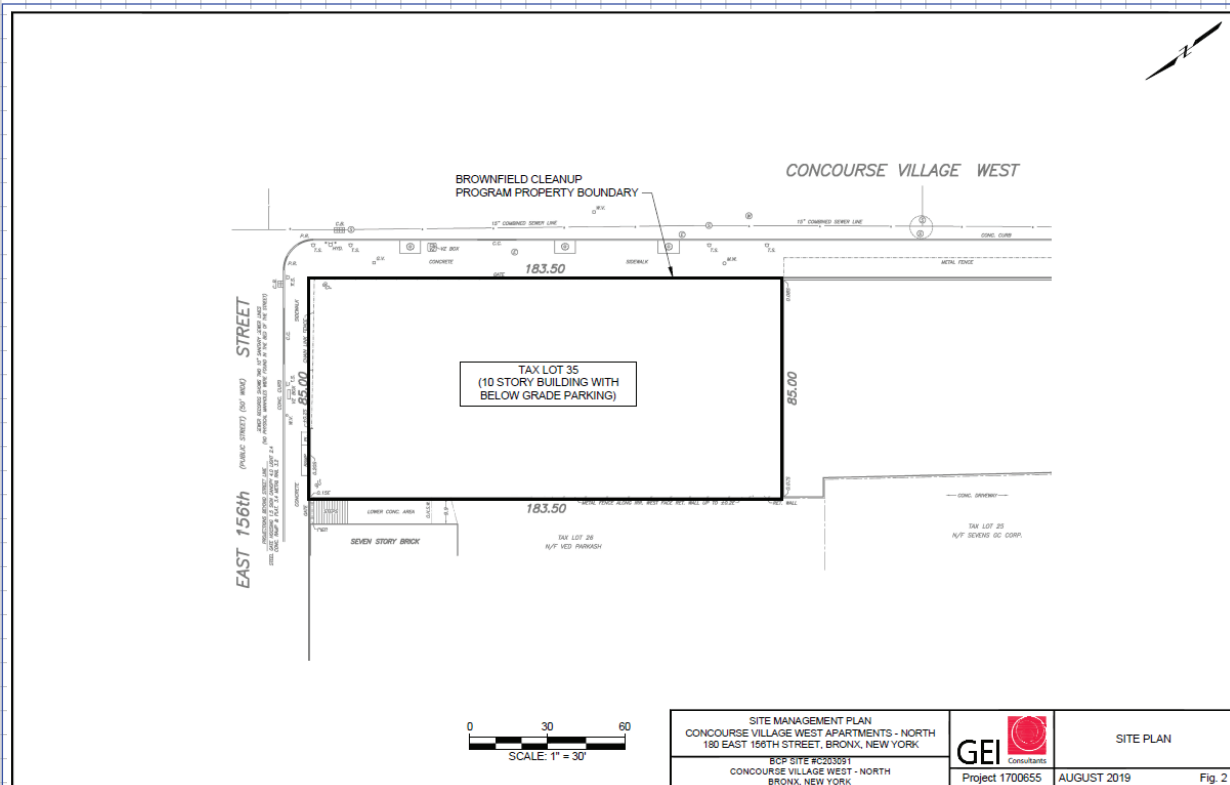
Structure Sampling Questionnaire and Building Inventory

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

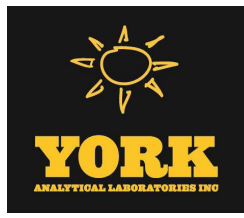
Design Sketch Guidelines and Recommended Symbolology

- 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.

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: 1704733-7.3 Concourse Village West-NORTH SITE
York Project (SDG) No.: 22A0587

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: 1704733-7.3 Concourse Village West-NORTH SITE
York Project (SDG) No.: 22A0587

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: **1704733-7.3 Concourse Village West-NORTH 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>
22A0587-01	IA-1	Indoor Ambient Air	01/12/2022	01/14/2022
22A0587-02	IA-2	Indoor Ambient Air	01/12/2022	01/14/2022
22A0587-03	OA-1	Outdoor Ambient Ai	01/12/2022	01/14/2022

General Notes for York Project (SDG) No.: 22A0587

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: 22A0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 2022 8:20 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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	0.51	0.737	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 17:29	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.40	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.51	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.62		ug/m ³	0.56	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.40	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.30	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.073	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.55	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
95-63-6	1,2,4-Trimethylbenzene	2.9		ug/m ³	0.36	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.57	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.44	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.30	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.34	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.52	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
108-67-8	1,3,5-Trimethylbenzene	1.4		ug/m ³	0.36	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.49	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.44	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.34	0.737	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 17:29	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.44	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.53	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
78-93-3	2-Butanone	1.0		ug/m ³	0.22	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.60	0.737	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 17:29	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 22A0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 2022 8:20 am

01/14/2022

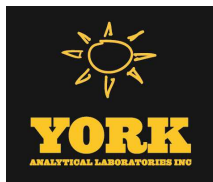
Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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	1.2	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.30	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
67-64-1	Acetone	7.6		ug/m ³	0.35	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.16	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
71-43-2	Benzene	1.5		ug/m ³	0.24	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.38	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.49	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.76	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.29	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.23	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
56-23-5	Carbon tetrachloride	0.46		ug/m ³	0.12	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.34	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.19	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.36	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
74-87-3	Chloromethane	1.5		ug/m ³	0.15	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.073	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.33	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
110-82-7	Cyclohexane	0.36		ug/m ³	0.25	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.63	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-71-8	Dichlorodifluoromethane	2.5		ug/m ³	0.36	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
141-78-6	* Ethyl acetate	0.53		ug/m ³	0.53	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
100-41-4	Ethyl Benzene	0.48		ug/m ³	0.32	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.79	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ



Sample Information

Client Sample ID: IA-1

York Sample ID: 22A0587-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 2022 8:20 am

01/14/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

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	6.8	B	ug/m ³	0.45	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.30	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.27	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-09-2	Methylene chloride	1.6		ug/m ³	0.51	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
142-82-5	n-Heptane	1.9		ug/m ³	0.30	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
110-54-3	n-Hexane	0.99		ug/m ³	0.26	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
95-47-6	o-Xylene	1.2		ug/m ³	0.32	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
179601-23-1	p- & m- Xylenes	2.8		ug/m ³	0.64	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
622-96-8	* p-Ethyltoluene	3.1		ug/m ³	0.36	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.13	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
100-42-5	Styrene	ND		ug/m ³	0.31	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
127-18-4	Tetrachloroethylene	0.80		ug/m ³	0.50	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.43	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
108-88-3	Toluene	3.3		ug/m ³	0.28	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
156-60-5	trans-1,2-Dichloroethylene	28		ug/m ³	0.29	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.33	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
79-01-6	Trichloroethylene	0.12		ug/m ³	0.099	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.41	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.26	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.32	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.094	0.737	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 17:29	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 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	0.58	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.46	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.58	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.71		ug/m ³	0.65	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.46	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.34	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.083	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.62	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
95-63-6	1,2,4-Trimethylbenzene	4.1		ug/m ³	0.41	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.65	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.51	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.34	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.39	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.59	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
108-67-8	1,3,5-Trimethylbenzene	1.2		ug/m ³	0.41	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
106-99-0	1,3-Butadiene	1.8		ug/m ³	0.56	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.51	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.39	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.51	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.61	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
78-93-3	2-Butanone	1.4		ug/m ³	0.25	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.69	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.3	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 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	0.34		ug/m ³	0.34	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
67-64-1	Acetone	20		ug/m ³	0.40	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.18	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
71-43-2	Benzene	11		ug/m ³	0.27	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.44	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.56	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.87	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.33	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.26	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
56-23-5	Carbon tetrachloride	0.48		ug/m ³	0.13	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.39	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.22	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.41	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
74-87-3	Chloromethane	2.4		ug/m ³	0.17	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.083	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
110-82-7	Cyclohexane	1.8		ug/m ³	0.29	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.72	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.42	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
141-78-6	* Ethyl acetate	0.73		ug/m ³	0.61	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
100-41-4	Ethyl Benzene	3.5		ug/m ³	0.37	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.90	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
67-63-0	Isopropanol	65	B	ug/m ³	0.52	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ



Sample Information

Client Sample ID: IA-2

York Sample ID: 22A0587-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Indoor Ambient Air

January 12, 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	ND		ug/m ³	0.34	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.30	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-09-2	Methylene chloride	0.67		ug/m ³	0.58	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
142-82-5	n-Heptane	3.3		ug/m ³	0.35	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
110-54-3	n-Hexane	4.9		ug/m ³	0.30	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
95-47-6	o-Xylene	4.3		ug/m ³	0.37	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
179601-23-1	p- & m- Xylenes	11		ug/m ³	0.73	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
622-96-8	* p-Ethyltoluene	4.2		ug/m ³	0.41	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
115-07-1	* Propylene	14		ug/m ³	0.14	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
100-42-5	Styrene	0.82		ug/m ³	0.36	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.57	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.50	0.842	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 18:39	LLJ
108-88-3	Toluene	18		ug/m ³	0.32	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
156-60-5	trans-1,2-Dichloroethylene	7.4		ug/m ³	0.33	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.38	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
79-01-6	Trichloroethylene	0.14		ug/m ³	0.11	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.47	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.30	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.37	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.842	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 18:39	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Outdoor Ambient Air

January 12, 2022 8:15 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	0.60	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.48	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	0.60	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.67		ug/m ³	0.67	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.48	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.087	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	0.65	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m ³	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	0.67	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	0.61	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m ³	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	0.58	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.40	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.53	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	0.63	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
78-93-3	2-Butanone	1.8		ug/m ³	0.26	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	0.72	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
107-05-1	3-Chloropropene	ND		ug/m ³	1.4	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Outdoor Ambient Air

January 12, 2022 8:15 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	0.36	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
67-64-1	Acetone	7.0		ug/m ³	0.42	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.19	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
71-43-2	Benzene	1.0		ug/m ³	0.28	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.45	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	0.59	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-25-2	Bromoform	ND		ug/m ³	0.90	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.34	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-15-0	Carbon disulfide	ND		ug/m ³	0.27	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
56-23-5	Carbon tetrachloride	0.44		ug/m ³	0.14	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.23	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
67-66-3	Chloroform	ND		ug/m ³	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
74-87-3	Chloromethane	1.5		ug/m ³	0.18	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.087	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
110-82-7	Cyclohexane	0.42		ug/m ³	0.30	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	0.74	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-71-8	Dichlorodifluoromethane	2.6		ug/m ³	0.43	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
141-78-6	* Ethyl acetate	1.0		ug/m ³	0.63	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
100-41-4	Ethyl Benzene	0.46		ug/m ³	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	0.93	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
67-63-0	Isopropanol	6.5	B	ug/m ³	0.54	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ



Sample Information

Client Sample ID: OA-1

York Sample ID: 22A0587-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22A0587

1704733-7.3 Concourse Village West-NORTH SITE

Outdoor Ambient Air

January 12, 2022 8:15 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	0.36	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.32	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-09-2	Methylene chloride	1.5		ug/m ³	0.61	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
142-82-5	n-Heptane	5.8		ug/m ³	0.36	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
110-54-3	n-Hexane	0.68		ug/m ³	0.31	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
95-47-6	o-Xylene	0.49		ug/m ³	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
179601-23-1	p- & m- Xylenes	1.6		ug/m ³	0.76	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
622-96-8	* p-Ethyltoluene	ND		ug/m ³	0.43	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.15	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
100-42-5	Styrene	ND		ug/m ³	0.37	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
127-18-4	Tetrachloroethylene	ND		ug/m ³	0.59	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.52	0.874	EPA TO-15 Certifications:	01/19/2022 01:00	01/19/2022 19:49	LLJ
108-88-3	Toluene	2.6		ug/m ³	0.33	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.35	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.40	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.12	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.5		ug/m ³	0.49	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.31	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.38	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.11	0.874	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	01/19/2022 01:00	01/19/2022 19:49	LLJ



Analytical Batch Summary

Batch ID: BA22080

Preparation Method: EPA TO15 PREP

Prepared By: AS

YORK Sample ID	Client Sample ID	Preparation Date
22A0587-01	IA-1	01/19/22
22A0587-02	IA-2	01/19/22
22A0587-03	OA-1	01/19/22
BA22080-BLK1	Blank	01/19/22
BA22080-BS1	LCS	01/19/22
BA22080-DUP1	Duplicate	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 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	"
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	0.54	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 BA22080 - EPA TO15 PREP

Blank (BA22080-BLK1)

Prepared & Analyzed: 01/19/2022

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 (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



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

Carbon tetrachloride	10.4		ppbv	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				
n-Hexane	11.1		"	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				



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											
Duplicate (BA22080-DUP1)	*Source sample: 22A0587-02 (IA-2)						Prepared: 01/19/2022 Analyzed: 01/20/2022				
1,1,1,2-Tetrachloroethane	ND	0.58	ug/m ³		ND					25	
1,1,1-Trichloroethane	ND	0.46	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.58	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.71	0.65	"		0.71				0.00	25	
1,1,2-Trichloroethane	ND	0.46	"		ND					25	
1,1-Dichloroethane	ND	0.34	"		ND					25	
1,1-Dichloroethylene	ND	0.083	"		ND					25	
1,2,4-Trichlorobenzene	ND	0.62	"		ND					25	
1,2,4-Trimethylbenzene	4.2	0.41	"		4.1				2.00	25	
1,2-Dibromoethane	ND	0.65	"		ND					25	
1,2-Dichlorobenzene	ND	0.51	"		ND					25	
1,2-Dichloroethane	ND	0.34	"		ND					25	
1,2-Dichloropropane	ND	0.39	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	0.59	"		ND					25	
1,3,5-Trimethylbenzene	1.2	0.41	"		1.2				3.51	25	
1,3-Butadiene	1.8	0.56	"		1.8				3.14	25	
1,3-Dichlorobenzene	ND	0.51	"		ND					25	
1,3-Dichloropropane	ND	0.39	"		ND					25	
1,4-Dichlorobenzene	ND	0.51	"		ND					25	
1,4-Dioxane	ND	0.61	"		ND					25	
2-Butanone	1.5	0.25	"		1.4				8.40	25	
2-Hexanone	ND	0.69	"		ND					25	
3-Chloropropene	ND	1.3	"		ND					25	
4-Methyl-2-pentanone	0.41	0.34	"		0.34				18.2	25	
Acetone	22	0.40	"		20				5.61	25	
Acrylonitrile	ND	0.18	"		0.16					25	
Benzene	12	0.27	"		11				3.95	25	
Benzyl chloride	ND	0.44	"		ND					25	
Bromodichloromethane	ND	0.56	"		ND					25	
Bromoform	ND	0.87	"		ND					25	
Bromomethane	ND	0.33	"		ND					25	
Carbon disulfide	ND	0.26	"		ND					25	
Carbon tetrachloride	0.48	0.13	"		0.48				0.00	25	
Chlorobenzene	ND	0.39	"		ND					25	
Chloroethane	ND	0.22	"		ND					25	
Chloroform	ND	0.41	"		ND					25	
Chloromethane	2.7	0.17	"		2.4				9.52	25	
cis-1,2-Dichloroethylene	ND	0.083	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.38	"		ND					25	
Cyclohexane	1.9	0.29	"		1.8				6.35	25	
Dibromochloromethane	ND	0.72	"		ND					25	
Dichlorodifluoromethane	2.5	0.42	"		2.6				1.63	25	
Ethyl acetate	0.70	0.61	"		0.73				4.26	25	
Ethyl Benzene	3.5	0.37	"		3.5				1.04	25	
Hexachlorobutadiene	ND	0.90	"		ND					25	
Isopropanol	67	0.41	"		65				3.56	25	
Methyl Methacrylate	ND	0.34	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.30	"		ND					25	
Methylene chloride	0.76	0.58	"		0.67				12.2	25	
n-Heptane	3.6	0.35	"		3.3				8.08	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 BA22080 - EPA TO15 PREP

Duplicate (BA22080-DUP1)	*Source sample: 22A0587-02 (IA-2)					Prepared: 01/19/2022 Analyzed: 01/20/2022					
n-Hexane	5.1	0.30	ug/m ³		4.9				4.13	25	
o-Xylene	4.3	0.37	"		4.3				0.00	25	
p- & m- Xylenes	11	0.73	"		11				0.639	25	
p-Ethyltoluene	4.1	0.41	"		4.2				0.995	25	
Propylene	15	0.14	"		14				6.47	25	
Styrene	0.86	0.36	"		0.82				4.26	25	
Tetrachloroethylene	ND	0.57	"		ND					25	
Tetrahydrofuran	ND	0.50	"		ND					25	
Toluene	18	0.32	"		18				2.10	25	
trans-1,2-Dichloroethylene	7.7	0.33	"		7.4				3.97	25	
trans-1,3-Dichloropropylene	ND	0.38	"		ND					25	
Trichloroethylene	0.14	0.11	"		0.14				0.00	25	
Trichlorofluoromethane (Freon 11)	1.5	0.47	"		1.4				3.28	25	
Vinyl acetate	ND	0.30	"		ND					25	
Vinyl bromide	ND	0.37	"		ND					25	
Vinyl Chloride	ND	0.11	"		ND					25	





Sample and Data Qualifiers Relating to This Work Order

TO-VAC The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.

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.





York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615

132-02 89th Ave Queens,
NY 11418

Field Chain-of-Custody Record - AIR

YORK Project No.
22A0587

YORK
ANALYTICAL LABORATORIES, INC.

clientservices@yorklab.com
www.yorklab.com

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Signature binds you to YORK's Standard Terms & Conditions.

Your

Page 1 of 1

YOUR INFORMATION

Company:

GEI Consultants

Address:

1000 New York Ave
Huntington Station, NY 11746

Phone:

(631) 760-9300

Contact:

Michael Bohuski

E-mail:

mbohuski@geiconsultants.com

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Michael Bohuski

Samples Collected by: (print your name above and sign below)

Michael Bohuski

Report To:

Company:

GEI Consultants

Address:

1000 New York Ave
Huntington Station, NY 11746

Phone:

(631) 760-9300

Contact:

Michael Bohuski

E-mail:

mbohuski@geiconsultants.com

Invoice To:

Company:

GEI Consultants

Address:

1000 New York Ave
Huntington Station, NY 11746

Phone:

(631) 760-9300

Contact:

Michael Bohuski

E-mail:

mbohuski@geiconsultants.com

YOUR Project Number

1704733-7.3

YOUR Project Name

Concourse Village
West - NORTH SITE

YOUR PCH:

Report / EDD Type (circle selections)

CT RCP

CT RCP DOADUE

NUDEP Reduced Deliv.

NY ASP A Package

NY ASP B Package

Other:

Standard Excel EDD

EQUS (Standard)

NYSDC EQUS

NUDEP SRP HazSite

Other:

Certified Canisters: Batch Individual

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

Sample Identification

Date/Time Sampled

Air Matrix

Canister Vacuum Before Sampling (in Hg)

Canister Vacuum After Sampling (in Hg)

Canister ID

Flow Cont. ID

Analysis Requested

IA-1

11/2/22 0820

AI

-22

-3

18313

13569

TO-15

IA-2

11/2/22 0825

AI

-30

-8

41937

13561

↓

OA-1

11/2/22 0815

AO

-26

-3

36450

5378

↓

Comments:

Detection Limits Required

Sampling Media

≤ 1 ug/m³ NYSDC V1 Limits

Routine Survey Other

6 Liter Canister Tedlar Bag

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Michael Bohuski GEI

11/14/22 0953

Michael Bohuski

11/14/22 0934

Michael Bohuski

11/14/22 1700

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

7 QAL

11/14/2023 1700

7 QAL

11/14/22 1525

7 QAL

11/15/22 1000

Appendix D

Groundwater Sampling Logs

Low-Flow Groundwater Sampling Form

Project number and name 1704733 CVW-North Sampling personnel Craig Hayes Sample date 10/25/22 Well ID CVW-MW-1

Sidewalk

Initial depth to water 29.86 Time: _____

Sample intake depth _____

Pump type and ID _____

Stabilized flow rate _____

Stabilized flow rate = flow rate with no further drawdown _____

- ___ VOCs 8260
- ___ SVOCs 8270
- ___ VPH
- ___ EPH
- Metals
- PCBs
- Other

Time: _____ Depth to water: _____

Sp.Cond. _____ mS/cm _____

DO _____ mg/L _____

ORP _____ mV _____

pH _____ s. u. _____

Temp. _____ °C _____

Turb. _____ NTU _____

Well depth

2"

37.31'

[illegible]

Sample ID _____ N/A _____

Sample Time: _____

Color: _____

Turbidity: _____

Field Filtered YES / NO _____ Analyses: _____

Filter type: _____

Odor/Sheen/NAPL _____

Duplicate Collected YES / NO _____

If yes, duplicate ID: _____

Purge water disposal? _____ to ground _____ drummed _____

Diam. (in)	Factor (gal/ft)
1	0.04
1.5	0.09
2	0.16
4	0.65
6	1.50

well volume =
 $3.14 \times (r)^2 \times 7.48 \text{ gal/ft}$
 where $r = 1/2 \text{ diameter in ft}$

Sp. Cond. +/- 3%
DO +/- 10%
ORP +/- 10 mV
pH +/- 0.1 Std Units
Temp. +/- 3%
Turb. +/- 10% if values >1 NTU

- 1 Position tubing at midpoint of saturated screened interval
- 2 Minimize drop in water level and purge until parameters are stable
- 3 Disconnect flow thru cell during sampling
- 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
- 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

Notes: Water level meter indicated water @ 29.86' but after sending reel tape and bailer down to bottom of well, there's no sign of water. No sample taken.

Project number and name	1704733 CVW - North	Sampling personnel	Craig Hayes	Sample date	10/25/22	Well ID	CVW-MW-4B

Time: _____ Depth to water: _____

Sp. Cond. _____ mS/cm _____

DO _____ mg/L _____

ORP _____ mV _____

pH _____ s.u. _____

Temp. _____ °C _____

Turb. _____ NTU _____

Well diameter	2
Well measurement point	
Roadbox condition	
Well screen interval	
Well depth	35.85'

- 1 Position tubing at midpoint of saturated screened interval
- 2 Minimize drop in water level and purge until parameters are stable
- 3 Disconnect flow thru cell during sampling
- 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data).
- 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM

H:\WPROCIADMIN\SOP\Updated JUNE 2011\SOP for Intranet\Section 8 - Groundwater (GW)\Attachment\GW-003 Low Flow (low stress) Groundwater Sampling - Attachment A 2

Appendix E

Groundwater Laboratory Data Reports

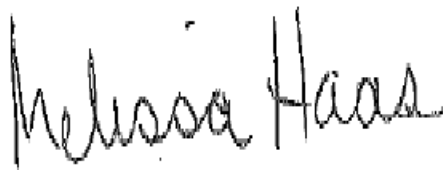
ANALYTICAL REPORT

Job Number: 460-268448-1

Job Description: CVW - (Concourse Village West) - North

For:

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



Approved for release.
Melissa Haas
Senior Project Manager
11/3/2022 1:45 PM

Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@et.eurofinsus.com
11/03/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Edison and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Edison Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager. This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins Edison

777 New Durham Road, Edison, NJ 08817

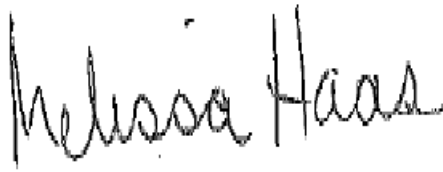
Tel (732) 549-3900 Fax (732) 549-3679 www.EurofinsUS.com



Job Number: 460-268448-1

Job Description: CVW - (Concourse Village West) - North

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.

A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath the name.

Approved for release.
Melissa Haas
Senior Project Manager
11/3/2022 1:45 PM

Melissa Haas

Table of Contents

Cover Title Page	1
Data Summaries	5
Report Narrative	5
Sample Summary	6
Detection Summary	7
Method Summary	8
Client Sample Results	9
Surrogate Summary	19
QC Sample Results	20
Definitions	29
QC Association	30
Chronicle	31
Certification Summary	32
Organic Sample Data	33
GC/MS VOA	33
8260D	33
8260D QC Summary	34
8260D Sample Data	55
Standards Data	212
8260D ICAL Data	212
8260D CCAL Data	625
Raw QC Data	686
8260D Tune Data	686
8260D Blank Data	702
8260D LCS/LCSD Data	716
8260D Run Logs	753

Table of Contents

8260D Prep Data	757
Shipping and Receiving Documents	765
Client Chain of Custody	766
Sample Receipt Checklist	768

CASE NARRATIVE

Client: GEI Consultants, Inc.

Project: CVW - (Concourse Village West) - North

Report Number: 460-268448-1

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

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

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

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

RECEIPT

The samples were received on 10/26/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 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 (460-268448-1), CVW-MW-2 (460-268448-2), CVW-MW-3 (460-268448-3), CVW-MW-4A (460-268448-4), CVW-MW-4B (460-268448-5) and FB-102522-1 (460-268448-6) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/31/2022 and 11/01/2022.

The continuing calibration verification (CCV) analyzed in batch 460-875140 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane. 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 460-875140 recovered outside control limits for the following analytes: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted to bring the concentration of target and non-target analytes within the calibration range: CVW-MW-2 (460-268448-2). Elevated reporting limits (RLs) are provided.

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: 460-268448-1

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

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-268448-1	TB-102522	Water	10/25/22 00:00	10/26/22 19:00
460-268448-2	CVW-MW-2	Water	10/25/22 09:45	10/26/22 19:00
460-268448-3	CVW-MW-3	Water	10/25/22 10:15	10/26/22 19:00
460-268448-4	CVW-MW-4A	Water	10/25/22 11:00	10/26/22 19:00
460-268448-5	CVW-MW-4B	Water	10/25/22 10:45	10/26/22 19:00
460-268448-6	FB-102522-1	Water	10/25/22 13:50	10/26/22 19:00

Detection Summary

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

Job ID: 460-268448-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268448-1

No Detections.

Client Sample ID: CVW-MW-2

Lab Sample ID: 460-268448-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
2-Butanone (MEK)	31		25	9.3	ug/L	5			8260D	Total/NA
Acetone	110		25	22	ug/L	5			8260D	Total/NA
Benzene	1.3	J	5.0	1.0	ug/L	5			8260D	Total/NA
Carbon disulfide	5.5		5.0	4.1	ug/L	5			8260D	Total/NA
Ethylbenzene	370		5.0	1.5	ug/L	5			8260D	Total/NA
Isopropylbenzene	39		5.0	1.7	ug/L	5			8260D	Total/NA
Methylcyclohexane	84		5.0	3.5	ug/L	5			8260D	Total/NA
m-Xylene & p-Xylene	860		5.0	1.5	ug/L	5			8260D	Total/NA
o-Xylene	62		5.0	1.8	ug/L	5			8260D	Total/NA
Toluene	23		5.0	1.9	ug/L	5			8260D	Total/NA
Xylenes, Total	920		10	3.3	ug/L	5			8260D	Total/NA

Client Sample ID: CVW-MW-3

Lab Sample ID: 460-268448-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	9.3		5.0	4.4	ug/L	1			8260D	Total/NA
Benzene	9.0		1.0	0.20	ug/L	1			8260D	Total/NA
Ethylbenzene	56		1.0	0.30	ug/L	1			8260D	Total/NA
Isopropylbenzene	22		1.0	0.34	ug/L	1			8260D	Total/NA
Methylcyclohexane	36		1.0	0.71	ug/L	1			8260D	Total/NA
m-Xylene & p-Xylene	93		1.0	0.30	ug/L	1			8260D	Total/NA
o-Xylene	9.9		1.0	0.36	ug/L	1			8260D	Total/NA
Toluene	2.6		1.0	0.38	ug/L	1			8260D	Total/NA
Xylenes, Total	100		2.0	0.65	ug/L	1			8260D	Total/NA

Client Sample ID: CVW-MW-4A

Lab Sample ID: 460-268448-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	9.2		5.0	4.4	ug/L	1			8260D	Total/NA
Chloroform	1.2		1.0	0.33	ug/L	1			8260D	Total/NA

Client Sample ID: CVW-MW-4B

Lab Sample ID: 460-268448-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzene	2.1		1.0	0.20	ug/L	1			8260D	Total/NA
Carbon disulfide	1.0		1.0	0.82	ug/L	1			8260D	Total/NA
Ethylbenzene	120		1.0	0.30	ug/L	1			8260D	Total/NA
Isopropylbenzene	32		1.0	0.34	ug/L	1			8260D	Total/NA
Methylcyclohexane	240		1.0	0.71	ug/L	1			8260D	Total/NA
m-Xylene & p-Xylene	260		1.0	0.30	ug/L	1			8260D	Total/NA
o-Xylene	88		1.0	0.36	ug/L	1			8260D	Total/NA
Toluene	92		1.0	0.38	ug/L	1			8260D	Total/NA
Xylenes, Total	350		2.0	0.65	ug/L	1			8260D	Total/NA

Client Sample ID: FB-102522-1

Lab Sample ID: 460-268448-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Method Summary

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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) - North

Job ID: 460-268448-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268448-1

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			10/31/22 08:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/31/22 08:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/31/22 08:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/31/22 08:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/31/22 08:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/31/22 08:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/31/22 08:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/31/22 08:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/31/22 08:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/31/22 08:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/31/22 08:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/31/22 08:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/31/22 08:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/31/22 08:25	1
1,4-Dioxane	50	U	50	28	ug/L			10/31/22 08:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/31/22 08:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/31/22 08:25	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/31/22 08:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/31/22 08:25	1
Acetone	5.0	U	5.0	4.4	ug/L			10/31/22 08:25	1
Benzene	1.0	U	1.0	0.20	ug/L			10/31/22 08:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/31/22 08:25	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			10/31/22 08:25	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/31/22 08:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/31/22 08:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/31/22 08:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/31/22 08:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/31/22 08:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/31/22 08:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/31/22 08:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/31/22 08:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/31/22 08:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/31/22 08:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/31/22 08:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/31/22 08:25	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/31/22 08:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/31/22 08:25	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/31/22 08:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/31/22 08:25	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/31/22 08:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/31/22 08:25	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/31/22 08:25	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/31/22 08:25	1
Styrene	1.0	U	1.0	0.42	ug/L			10/31/22 08:25	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/31/22 08:25	1
Toluene	1.0	U	1.0	0.38	ug/L			10/31/22 08:25	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268448-1

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			10/31/22 08:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:25	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/31/22 08:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/31/22 08:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/31/22 08:25	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/31/22 08:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/31/22 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 128		10/31/22 08:25	1
4-Bromofluorobenzene	92		76 - 120		10/31/22 08:25	1
Dibromofluoromethane (Surr)	99		77 - 124		10/31/22 08:25	1
Toluene-d8 (Surr)	103		80 - 120		10/31/22 08:25	1

Client Sample ID: CVW-MW-2

Lab Sample ID: 460-268448-2

Date Collected: 10/25/22 09:45

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	5.0	U	5.0	1.3	ug/L			11/01/22 10:46	5
1,1,1-Trichloroethane	5.0	U	5.0	1.2	ug/L			11/01/22 10:46	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.8	ug/L			11/01/22 10:46	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
1,1,2-Trichloroethane	5.0	U	5.0	1.0	ug/L			11/01/22 10:46	5
1,1-Dichloroethane	5.0	U	5.0	1.3	ug/L			11/01/22 10:46	5
1,1-Dichloroethene	5.0	U	5.0	1.3	ug/L			11/01/22 10:46	5
1,2,3-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			11/01/22 10:46	5
1,2,4-Trichlorobenzene	5.0	U	5.0	1.8	ug/L			11/01/22 10:46	5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.9	ug/L			11/01/22 10:46	5
1,2-Dichlorobenzene	5.0	U	5.0	1.1	ug/L			11/01/22 10:46	5
1,2-Dichloroethane	5.0	U	5.0	2.2	ug/L			11/01/22 10:46	5
1,2-Dichloropropane	5.0	U	5.0	1.8	ug/L			11/01/22 10:46	5
1,3-Dichlorobenzene	5.0	U	5.0	1.7	ug/L			11/01/22 10:46	5
1,4-Dichlorobenzene	5.0	U	5.0	1.7	ug/L			11/01/22 10:46	5
1,4-Dioxane	250	U	250	140	ug/L			11/01/22 10:46	5
2-Butanone (MEK)	31		25	9.3	ug/L			11/01/22 10:46	5
2-Hexanone	25	U	25	5.7	ug/L			11/01/22 10:46	5
2-Methyl-2-propanol	50	U	50	41	ug/L			11/01/22 10:46	5
4-Methyl-2-pentanone (MIBK)	25	U	25	6.5	ug/L			11/01/22 10:46	5
Acetone	110		25	22	ug/L			11/01/22 10:46	5
Benzene	1.3	J	5.0	1.0	ug/L			11/01/22 10:46	5
Bromoform	5.0	U	5.0	2.7	ug/L			11/01/22 10:46	5
Bromomethane	5.0	U	5.0	2.8	ug/L			11/01/22 10:46	5
Carbon disulfide	5.5		5.0	4.1	ug/L			11/01/22 10:46	5
Carbon tetrachloride	5.0	U	5.0	1.0	ug/L			11/01/22 10:46	5
Chlorobenzene	5.0	U	5.0	1.9	ug/L			11/01/22 10:46	5
Chlorobromomethane	5.0	U	5.0	2.1	ug/L			11/01/22 10:46	5

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: CVW-MW-2

Lab Sample ID: 460-268448-2

Date Collected: 10/25/22 09:45

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
Chlorodibromomethane	5.0	U	5.0	1.4	ug/L			11/01/22 10:46	5
Chloroethane	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Chloroform	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Chloromethane	5.0	U	5.0	2.0	ug/L			11/01/22 10:46	5
cis-1,2-Dichloroethene	5.0	U	5.0	1.1	ug/L			11/01/22 10:46	5
cis-1,3-Dichloropropene	5.0	U	5.0	1.1	ug/L			11/01/22 10:46	5
Cyclohexane	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Dichlorobromomethane	5.0	U	5.0	1.7	ug/L			11/01/22 10:46	5
Dichlorodifluoromethane	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Ethylbenzene	370		5.0	1.5	ug/L			11/01/22 10:46	5
Ethylene Dibromide	5.0	U	5.0	2.5	ug/L			11/01/22 10:46	5
Isopropylbenzene	39		5.0	1.7	ug/L			11/01/22 10:46	5
Methyl acetate	25	U	25	3.9	ug/L			11/01/22 10:46	5
Methyl tert-butyl ether	5.0	U	5.0	1.1	ug/L			11/01/22 10:46	5
Methylcyclohexane	84		5.0	3.5	ug/L			11/01/22 10:46	5
Methylene Chloride	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
m-Xylene & p-Xylene	860		5.0	1.5	ug/L			11/01/22 10:46	5
o-Xylene	62		5.0	1.8	ug/L			11/01/22 10:46	5
Styrene	5.0	U	5.0	2.1	ug/L			11/01/22 10:46	5
Tetrachloroethene	5.0	U	5.0	1.2	ug/L			11/01/22 10:46	5
Toluene	23		5.0	1.9	ug/L			11/01/22 10:46	5
trans-1,2-Dichloroethene	5.0	U	5.0	1.2	ug/L			11/01/22 10:46	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.1	ug/L			11/01/22 10:46	5
Trichloroethene	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Trichlorofluoromethane	5.0	U	5.0	1.6	ug/L			11/01/22 10:46	5
Vinyl chloride	5.0	U	5.0	0.86	ug/L			11/01/22 10:46	5
Xylenes, Total	920		10	3.3	ug/L			11/01/22 10:46	5

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane, 2-methyl-	260	J N	ug/L		1.82	78-78-4		11/01/22 10:46	5
Pentane, 2-methyl-	310	J N	ug/L		2.62	107-83-5		11/01/22 10:46	5
Benzene, 1-ethyl-3-methyl-	230	J N	ug/L		9.91	620-14-4		11/01/22 10:46	5
Benzene, 1-ethyl-4-methyl-	250	J N	ug/L		9.93	622-96-8		11/01/22 10:46	5
Benzene, 1-ethyl-2-methyl-	230	J N	ug/L		10.22	611-14-3		11/01/22 10:46	5
Benzene, 1,2,4-trimethyl-	1200	J N	ug/L		10.40	95-63-6		11/01/22 10:46	5
Benzene, 1,2,3-trimethyl-	230	J N	ug/L		10.80	526-73-8		11/01/22 10:46	5
Unknown	260	J	ug/L		10.98			11/01/22 10:46	5
Benzene, 2-ethyl-1,4-dimethyl-	280	J N	ug/L		11.07	1758-88-9		11/01/22 10:46	5
Benzene, 1-ethyl-2,4-dimethyl-	240	J N	ug/L		11.40	874-41-9		11/01/22 10:46	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		70 - 128		11/01/22 10:46	5
4-Bromofluorobenzene	110		76 - 120		11/01/22 10:46	5
Dibromofluoromethane (Surr)	97		77 - 124		11/01/22 10:46	5
Toluene-d8 (Surr)	94		80 - 120		11/01/22 10:46	5

Eurofins Edison

Client Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

Client Sample ID: CVW-MW-3

Lab Sample ID: 460-268448-3

Date Collected: 10/25/22 10:15

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			11/01/22 10:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/01/22 10:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/01/22 10:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			11/01/22 10:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/01/22 10:05	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/01/22 10:05	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/01/22 10:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			11/01/22 10:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			11/01/22 10:05	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			11/01/22 10:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			11/01/22 10:05	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/01/22 10:05	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/01/22 10:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			11/01/22 10:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			11/01/22 10:05	1
1,4-Dioxane	50	U	50	28	ug/L			11/01/22 10:05	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			11/01/22 10:05	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/01/22 10:05	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			11/01/22 10:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			11/01/22 10:05	1
Acetone	9.3		5.0	4.4	ug/L			11/01/22 10:05	1
Benzene	9.0		1.0	0.20	ug/L			11/01/22 10:05	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/01/22 10:05	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/01/22 10:05	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/01/22 10:05	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/01/22 10:05	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/01/22 10:05	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			11/01/22 10:05	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			11/01/22 10:05	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/01/22 10:05	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/01/22 10:05	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/01/22 10:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/01/22 10:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 10:05	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			11/01/22 10:05	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			11/01/22 10:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/22 10:05	1
Ethylbenzene	56		1.0	0.30	ug/L			11/01/22 10:05	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			11/01/22 10:05	1
Isopropylbenzene	22		1.0	0.34	ug/L			11/01/22 10:05	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			11/01/22 10:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			11/01/22 10:05	1
Methylcyclohexane	36		1.0	0.71	ug/L			11/01/22 10:05	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/01/22 10:05	1
m-Xylene & p-Xylene	93		1.0	0.30	ug/L			11/01/22 10:05	1
o-Xylene	9.9		1.0	0.36	ug/L			11/01/22 10:05	1
Styrene	1.0	U	1.0	0.42	ug/L			11/01/22 10:05	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/01/22 10:05	1
Toluene	2.6		1.0	0.38	ug/L			11/01/22 10:05	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: CVW-MW-3

Lab Sample ID: 460-268448-3

Date Collected: 10/25/22 10:15

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			11/01/22 10:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 10:05	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/01/22 10:05	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			11/01/22 10:05	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/01/22 10:05	1
Xylenes, Total	100		2.0	0.65	ug/L			11/01/22 10:05	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane, 2-methyl-	190	J N	ug/L		1.83	78-78-4		11/01/22 10:05	1
Pentane	51	J N	ug/L		1.96	109-66-0		11/01/22 10:05	1
Pentane, 2-methyl-	170	J N	ug/L		2.62	107-83-5		11/01/22 10:05	1
Pentane, 3-methyl-	110	J N	ug/L		2.82	96-14-0		11/01/22 10:05	1
Cyclopentane, methyl-	140	J N	ug/L		3.52	96-37-7		11/01/22 10:05	1
Pentane, 2,3,3-trimethyl-	72	J N	ug/L		5.69	560-21-4		11/01/22 10:05	1
Benzene, propyl-	89	J N	ug/L		9.80	103-65-1		11/01/22 10:05	1
Benzene, 1-ethyl-2-methyl-	50	J N	ug/L		10.22	611-14-3		11/01/22 10:05	1
Benzene, 1,2,4-trimethyl-	100	J N	ug/L		10.40	95-63-6		11/01/22 10:05	1
Benzene, 1-propenyl-	68	J N	ug/L		10.98	637-50-3		11/01/22 10:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 128		11/01/22 10:05	1
4-Bromofluorobenzene	109		76 - 120		11/01/22 10:05	1
Dibromofluoromethane (Surr)	96		77 - 124		11/01/22 10:05	1
Toluene-d8 (Surr)	97		80 - 120		11/01/22 10:05	1

Client Sample ID: CVW-MW-4A

Lab Sample ID: 460-268448-4

Date Collected: 10/25/22 11:00

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			11/01/22 09:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/01/22 09:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/01/22 09:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			11/01/22 09:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/01/22 09:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/01/22 09:44	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/01/22 09:44	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			11/01/22 09:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			11/01/22 09:44	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			11/01/22 09:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			11/01/22 09:44	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/01/22 09:44	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/01/22 09:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			11/01/22 09:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			11/01/22 09:44	1
1,4-Dioxane	50	U	50	28	ug/L			11/01/22 09:44	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			11/01/22 09:44	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/01/22 09:44	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			11/01/22 09:44	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: CVW-MW-4A

Lab Sample ID: 460-268448-4

Date Collected: 10/25/22 11:00

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
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			11/01/22 09:44	1
Acetone	9.2		5.0	4.4	ug/L			11/01/22 09:44	1
Benzene	1.0	U	1.0	0.20	ug/L			11/01/22 09:44	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/01/22 09:44	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/01/22 09:44	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/01/22 09:44	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/01/22 09:44	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/01/22 09:44	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			11/01/22 09:44	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			11/01/22 09:44	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/01/22 09:44	1
Chloroform	1.2		1.0	0.33	ug/L			11/01/22 09:44	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/01/22 09:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/01/22 09:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 09:44	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			11/01/22 09:44	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			11/01/22 09:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/22 09:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/01/22 09:44	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			11/01/22 09:44	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			11/01/22 09:44	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			11/01/22 09:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			11/01/22 09:44	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			11/01/22 09:44	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/01/22 09:44	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			11/01/22 09:44	1
o-Xylene	1.0	U	1.0	0.36	ug/L			11/01/22 09:44	1
Styrene	1.0	U	1.0	0.42	ug/L			11/01/22 09:44	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/01/22 09:44	1
Toluene	1.0	U	1.0	0.38	ug/L			11/01/22 09:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/01/22 09:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 09:44	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/01/22 09:44	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			11/01/22 09:44	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/01/22 09:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/01/22 09:44	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	19	J	ug/L		11.51			11/01/22 09:44	1
1-Phenyl-1-butene	28	J N	ug/L		12.12	824-90-8		11/01/22 09:44	1
Naphthalene, 1,2,3,4-tetrahydro-	21	J N	ug/L		12.25	119-64-2		11/01/22 09:44	1
Benzene, 1-methyl-2-(1-methyl-2-propenyl)-	27	J N	ug/L		12.49	97664-19-2		11/01/22 09:44	1
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	24	J N	ug/L		12.68	3877-19-8		11/01/22 09:44	1
Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	27	J N	ug/L		12.74	1559-81-5		11/01/22 09:44	1
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	63	J N	ug/L		13.04	1680-51-9		11/01/22 09:44	1
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	37	J N	ug/L		13.28	2809-64-5		11/01/22 09:44	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: CVW-MW-4A

Lab Sample ID: 460-268448-4

Date Collected: 10/25/22 11:00

Matrix: Water

Date Received: 10/26/22 19:00

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

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Naphthalene,	40	J N	ug/L		13.40	13065-07-1		11/01/22 09:44	1
1,2,3,4-tetrahydro-2,7-dimethyl-Naphthalene,	19	J N	ug/L		13.69	22531-20-0		11/01/22 09:44	1
6-ethyl-1,2,3,4-tetrahydro-									
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	87		70 - 128					11/01/22 09:44	1
4-Bromofluorobenzene	107		76 - 120					11/01/22 09:44	1
Dibromofluoromethane (Surr)	98		77 - 124					11/01/22 09:44	1
Toluene-d8 (Surr)	95		80 - 120					11/01/22 09:44	1

Client Sample ID: CVW-MW-4B

Lab Sample ID: 460-268448-5

Date Collected: 10/25/22 10:45

Matrix: Water

Date Received: 10/26/22 19:00

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

<i>Analyte</i>	<i>Result</i>	<i>Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			11/01/22 10:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/01/22 10:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/01/22 10:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			11/01/22 10:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/01/22 10:25	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/01/22 10:25	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/01/22 10:25	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			11/01/22 10:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			11/01/22 10:25	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			11/01/22 10:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			11/01/22 10:25	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/01/22 10:25	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/01/22 10:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			11/01/22 10:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			11/01/22 10:25	1
1,4-Dioxane	50	U	50	28	ug/L			11/01/22 10:25	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			11/01/22 10:25	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/01/22 10:25	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			11/01/22 10:25	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			11/01/22 10:25	1
Acetone	5.0	U	5.0	4.4	ug/L			11/01/22 10:25	1
Benzene	2.1		1.0	0.20	ug/L			11/01/22 10:25	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/01/22 10:25	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/01/22 10:25	1
Carbon disulfide	1.0		1.0	0.82	ug/L			11/01/22 10:25	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/01/22 10:25	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/01/22 10:25	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			11/01/22 10:25	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			11/01/22 10:25	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/01/22 10:25	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/01/22 10:25	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/01/22 10:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/01/22 10:25	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: CVW-MW-4B

Lab Sample ID: 460-268448-5

Date Collected: 10/25/22 10:45

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
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 10:25	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			11/01/22 10:25	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			11/01/22 10:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/22 10:25	1
Ethylbenzene	120		1.0	0.30	ug/L			11/01/22 10:25	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			11/01/22 10:25	1
Isopropylbenzene	32		1.0	0.34	ug/L			11/01/22 10:25	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			11/01/22 10:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			11/01/22 10:25	1
Methylcyclohexane	240		1.0	0.71	ug/L			11/01/22 10:25	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/01/22 10:25	1
m-Xylene & p-Xylene	260		1.0	0.30	ug/L			11/01/22 10:25	1
o-Xylene	88		1.0	0.36	ug/L			11/01/22 10:25	1
Styrene	1.0	U	1.0	0.42	ug/L			11/01/22 10:25	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/01/22 10:25	1
Toluene	92		1.0	0.38	ug/L			11/01/22 10:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/01/22 10:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 10:25	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/01/22 10:25	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			11/01/22 10:25	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/01/22 10:25	1
Xylenes, Total	350		2.0	0.65	ug/L			11/01/22 10:25	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butane, 2-methyl-	350	J N	ug/L		1.83	78-78-4		11/01/22 10:25	1
Pentane	100	J N	ug/L		1.98	109-66-0		11/01/22 10:25	1
Pentane, 3-methyl-	140	J N	ug/L		2.82	96-14-0		11/01/22 10:25	1
Cyclopentane, methyl-	180	J N	ug/L		3.52	96-37-7		11/01/22 10:25	1
Hexane, 3-methyl-	97	J N	ug/L		4.18	589-34-4		11/01/22 10:25	1
Pentane, 2,3,4-trimethyl-	100	J N	ug/L		5.56	565-75-3		11/01/22 10:25	1
Pentane, 2,3,3-trimethyl-	140	J N	ug/L		5.70	560-21-4		11/01/22 10:25	1
Heptane, 2,4-dimethyl-	190	J N	ug/L		7.65	2213-23-2		11/01/22 10:25	1
Octane, 3-methyl-	150	J N	ug/L		7.79	2216-33-3		11/01/22 10:25	1
Nonane	120	J N	ug/L		8.31	111-84-2		11/01/22 10:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		70 - 128		11/01/22 10:25	1
4-Bromofluorobenzene	107		76 - 120		11/01/22 10:25	1
Dibromofluoromethane (Surr)	85		77 - 124		11/01/22 10:25	1
Toluene-d8 (Surr)	97		80 - 120		11/01/22 10:25	1

Client Sample ID: FB-102522-1

Lab Sample ID: 460-268448-6

Date Collected: 10/25/22 13:50

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 08:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/31/22 08:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/31/22 08:47	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: FB-102522-1

Lab Sample ID: 460-268448-6

Date Collected: 10/25/22 13:50

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 08:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/31/22 08:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/31/22 08:47	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/31/22 08:47	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/31/22 08:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/31/22 08:47	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/31/22 08:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/31/22 08:47	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/31/22 08:47	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/31/22 08:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/31/22 08:47	1
1,4-Dioxane	50	U	50	28	ug/L			10/31/22 08:47	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/31/22 08:47	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/31/22 08:47	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/31/22 08:47	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/31/22 08:47	1
Acetone	5.0	U	5.0	4.4	ug/L			10/31/22 08:47	1
Benzene	1.0	U	1.0	0.20	ug/L			10/31/22 08:47	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/31/22 08:47	1
Bromomethane	1.0	U *	1.0	0.55	ug/L			10/31/22 08:47	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/31/22 08:47	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/31/22 08:47	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/31/22 08:47	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/31/22 08:47	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/31/22 08:47	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/31/22 08:47	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/31/22 08:47	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/31/22 08:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/31/22 08:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:47	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/31/22 08:47	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/31/22 08:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/31/22 08:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/31/22 08:47	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/31/22 08:47	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:47	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/31/22 08:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/31/22 08:47	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/31/22 08:47	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/31/22 08:47	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/31/22 08:47	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/31/22 08:47	1
Styrene	1.0	U	1.0	0.42	ug/L			10/31/22 08:47	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/31/22 08:47	1
Toluene	1.0	U	1.0	0.38	ug/L			10/31/22 08:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/31/22 08:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:47	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/31/22 08:47	1

Eurofins Edison

Client Sample Results

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

Job ID: 460-268448-1

Client Sample ID: FB-102522-1

Lab Sample ID: 460-268448-6

Date Collected: 10/25/22 13:50

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 08:47	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/31/22 08:47	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/31/22 08:47	1

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>10/31/22 08:47</i>	<i>1</i>

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>107</i>		<i>70 - 128</i>		<i>10/31/22 08:47</i>	<i>1</i>
<i>4-Bromofluorobenzene</i>	<i>93</i>		<i>76 - 120</i>		<i>10/31/22 08:47</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>99</i>		<i>77 - 124</i>		<i>10/31/22 08:47</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>104</i>		<i>80 - 120</i>		<i>10/31/22 08:47</i>	<i>1</i>

Surrogate Summary

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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)
460-268448-1	TB-102522	108	92	99	103
460-268448-2	CVW-MW-2	83	110	97	94
460-268448-3	CVW-MW-3	93	109	96	97
460-268448-4	CVW-MW-4A	87	107	98	95
460-268448-5	CVW-MW-4B	113	107	85	97
460-268448-6	FB-102522-1	107	93	99	104
LCS 460-875140/3	Lab Control Sample	102	95	95	104
LCS 460-875343/5	Lab Control Sample	87	108	97	96
LCSD 460-875140/4	Lab Control Sample Dup	101	92	94	103
LCSD 460-875343/6	Lab Control Sample Dup	85	105	97	95
MB 460-875140/7	Method Blank	108	93	100	103
MB 460-875343/10	Method Blank	88	109	99	97

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.

Job ID: 460-268448-1

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

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

Lab Sample ID: MB 460-875140/7

Matrix: Water

Analysis Batch: 875140

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			10/31/22 08:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			10/31/22 08:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			10/31/22 08:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			10/31/22 08:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/31/22 08:04	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			10/31/22 08:04	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			10/31/22 08:04	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			10/31/22 08:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			10/31/22 08:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/31/22 08:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			10/31/22 08:04	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/31/22 08:04	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/31/22 08:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			10/31/22 08:04	1
1,4-Dioxane	50	U	50	28	ug/L			10/31/22 08:04	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			10/31/22 08:04	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			10/31/22 08:04	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			10/31/22 08:04	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/31/22 08:04	1
Acetone	5.0	U	5.0	4.4	ug/L			10/31/22 08:04	1
Benzene	1.0	U	1.0	0.20	ug/L			10/31/22 08:04	1
Bromoform	1.0	U	1.0	0.54	ug/L			10/31/22 08:04	1
Bromomethane	1.0	U	1.0	0.55	ug/L			10/31/22 08:04	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			10/31/22 08:04	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			10/31/22 08:04	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			10/31/22 08:04	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			10/31/22 08:04	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			10/31/22 08:04	1
Chloroethane	1.0	U	1.0	0.32	ug/L			10/31/22 08:04	1
Chloroform	1.0	U	1.0	0.33	ug/L			10/31/22 08:04	1
Chloromethane	1.0	U	1.0	0.40	ug/L			10/31/22 08:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			10/31/22 08:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:04	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			10/31/22 08:04	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			10/31/22 08:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			10/31/22 08:04	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			10/31/22 08:04	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			10/31/22 08:04	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			10/31/22 08:04	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			10/31/22 08:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			10/31/22 08:04	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			10/31/22 08:04	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			10/31/22 08:04	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			10/31/22 08:04	1
o-Xylene	1.0	U	1.0	0.36	ug/L			10/31/22 08:04	1
Styrene	1.0	U	1.0	0.42	ug/L			10/31/22 08:04	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			10/31/22 08:04	1

Eurofins Edison

QC Sample Results

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

Job ID: 460-268448-1

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

Lab Sample ID: MB 460-875140/7

Matrix: Water

Analysis Batch: 875140

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			10/31/22 08:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			10/31/22 08:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/31/22 08:04	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			10/31/22 08:04	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			10/31/22 08:04	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			10/31/22 08:04	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			10/31/22 08:04	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/31/22 08:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 128		10/31/22 08:04	1
4-Bromofluorobenzene	93		76 - 120		10/31/22 08:04	1
Dibromofluoromethane (Surr)	100		77 - 124		10/31/22 08:04	1
Toluene-d8 (Surr)	103		80 - 120		10/31/22 08:04	1

Lab Sample ID: LCS 460-875140/3

Matrix: Water

Analysis Batch: 875140

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	20.9		ug/L		104	67 - 129
1,1,1-Trichloroethane	20.0	21.8		ug/L		109	68 - 128
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	51 - 142
1,1,2-Trichloroethane	20.0	23.2		ug/L		116	74 - 125
1,1-Dichloroethane	20.0	23.7		ug/L		118	73 - 130
1,1-Dichloroethene	20.0	21.0		ug/L		105	68 - 133
1,2,3-Trichlorobenzene	20.0	20.4		ug/L		102	56 - 144
1,2,4-Trichlorobenzene	20.0	19.5		ug/L		97	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	18.5		ug/L		92	58 - 132
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	80 - 120
1,2-Dichloroethane	20.0	21.4		ug/L		107	66 - 129
1,2-Dichloropropane	20.0	23.1		ug/L		116	68 - 128
1,3-Dichlorobenzene	20.0	21.8		ug/L		109	80 - 120
1,4-Dichlorobenzene	20.0	21.7		ug/L		108	80 - 120
1,4-Dioxane	400	451		ug/L		113	62 - 142
2-Butanone (MEK)	100	97.1		ug/L		97	61 - 128
2-Hexanone	100	107		ug/L		107	61 - 134
2-Methyl-2-propanol	200	217		ug/L		108	67 - 126
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	69 - 128
Acetone	100	106		ug/L		106	61 - 134
Benzene	20.0	24.0		ug/L		120	71 - 126
Bromoform	20.0	19.9		ug/L		100	48 - 144
Bromomethane	20.0	31.1	*	ug/L		156	32 - 150
Carbon disulfide	20.0	23.4		ug/L		117	64 - 138

Eurofins Edison

QC Sample Results

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

Job ID: 460-268448-1

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

Lab Sample ID: LCS 460-875140/3

Matrix: Water

Analysis Batch: 875140

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	21.5		ug/L		108	61 - 131
Chlorobenzene	20.0	21.8		ug/L		109	80 - 120
Chlorobromomethane	20.0	21.2		ug/L		106	67 - 126
Chlorodibromomethane	20.0	20.6		ug/L		103	62 - 130
Chloroethane	20.0	19.9		ug/L		100	42 - 150
Chloroform	20.0	21.6		ug/L		108	78 - 125
Chloromethane	20.0	22.4		ug/L		112	43 - 150
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	78 - 121
cis-1,3-Dichloropropene	20.0	23.7		ug/L		118	74 - 125
Cyclohexane	20.0	22.4		ug/L		112	60 - 133
Dichlorobromomethane	20.0	22.0		ug/L		110	76 - 121
Dichlorodifluoromethane	20.0	16.8		ug/L		84	33 - 150
Ethylbenzene	20.0	22.7		ug/L		113	78 - 120
Ethylene Dibromide	20.0	21.4		ug/L		107	79 - 126
Isopropylbenzene	20.0	22.6		ug/L		113	79 - 125
Methyl acetate	40.0	46.8		ug/L		117	55 - 146
Methyl tert-butyl ether	20.0	21.3		ug/L		106	72 - 131
Methylcyclohexane	20.0	21.8		ug/L		109	54 - 139
Methylene Chloride	20.0	21.4		ug/L		107	74 - 127
m-Xylene & p-Xylene	20.0	22.1		ug/L		111	78 - 120
o-Xylene	20.0	22.1		ug/L		111	78 - 120
Styrene	20.0	22.2		ug/L		111	75 - 127
Tetrachloroethene	20.0	20.6		ug/L		103	70 - 127
Toluene	20.0	22.3		ug/L		112	78 - 120
trans-1,2-Dichloroethene	20.0	20.5		ug/L		103	74 - 126
trans-1,3-Dichloropropene	20.0	23.5		ug/L		118	66 - 127
Trichloroethene	20.0	21.5		ug/L		107	71 - 121
Trichlorofluoromethane	20.0	20.4		ug/L		102	50 - 150
Vinyl chloride	20.0	22.2		ug/L		111	55 - 144
Xylenes, Total	40.0	44.3		ug/L		111	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 128
4-Bromofluorobenzene	95		76 - 120
Dibromofluoromethane (Surr)	95		77 - 124
Toluene-d8 (Surr)	104		80 - 120

Lab Sample ID: LCSD 460-875140/4

Matrix: Water

Analysis Batch: 875140

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	21.5		ug/L		108	67 - 129	3	30
1,1,1-Trichloroethane	20.0	22.2		ug/L		111	68 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	24.3		ug/L		122	63 - 139	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.0		ug/L		105	51 - 142	2	30
1,1,2-Trichloroethane	20.0	23.7		ug/L		119	74 - 125	2	30
1,1-Dichloroethane	20.0	24.4		ug/L		122	73 - 130	3	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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

Lab Sample ID: LCSD 460-875140/4

Matrix: Water

Analysis Batch: 875140

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	21.5		ug/L		107	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	22.0		ug/L		110	56 - 144	8	30
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		104	67 - 132	6	30
1,2-Dibromo-3-Chloropropane	20.0	18.7		ug/L		94	58 - 132	1	30
1,2-Dichlorobenzene	20.0	22.3		ug/L		111	80 - 120	4	30
1,2-Dichloroethane	20.0	21.9		ug/L		110	66 - 129	3	30
1,2-Dichloropropane	20.0	23.9		ug/L		119	68 - 128	3	30
1,3-Dichlorobenzene	20.0	22.7		ug/L		114	80 - 120	4	30
1,4-Dichlorobenzene	20.0	22.5		ug/L		112	80 - 120	4	30
1,4-Dioxane	400	462		ug/L		116	62 - 142	2	30
2-Butanone (MEK)	100	101		ug/L		101	61 - 128	3	30
2-Hexanone	100	111		ug/L		111	61 - 134	3	30
2-Methyl-2-propanol	200	225		ug/L		112	67 - 126	4	30
4-Methyl-2-pentanone (MIBK)	100	115		ug/L		115	69 - 128	5	30
Acetone	100	114		ug/L		114	61 - 134	7	30
Benzene	20.0	24.5		ug/L		122	71 - 126	2	30
Bromoform	20.0	19.8		ug/L		99	48 - 144	1	30
Bromomethane	20.0	37.7	*	ug/L		188	32 - 150	19	30
Carbon disulfide	20.0	23.9		ug/L		119	64 - 138	2	30
Carbon tetrachloride	20.0	21.8		ug/L		109	61 - 131	1	30
Chlorobenzene	20.0	22.3		ug/L		111	80 - 120	2	30
Chlorobromomethane	20.0	21.4		ug/L		107	67 - 126	1	30
Chlorodibromomethane	20.0	21.3		ug/L		106	62 - 130	3	30
Chloroethane	20.0	20.3		ug/L		101	42 - 150	2	30
Chloroform	20.0	22.1		ug/L		110	78 - 125	2	30
Chloromethane	20.0	23.1		ug/L		115	43 - 150	3	30
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	78 - 121	2	30
cis-1,3-Dichloropropene	20.0	24.5		ug/L		122	74 - 125	3	30
Cyclohexane	20.0	22.8		ug/L		114	60 - 133	2	30
Dichlorobromomethane	20.0	21.8		ug/L		109	76 - 121	1	30
Dichlorodifluoromethane	20.0	17.2		ug/L		86	33 - 150	3	30
Ethylbenzene	20.0	22.9		ug/L		114	78 - 120	1	30
Ethylene Dibromide	20.0	22.0		ug/L		110	79 - 126	3	30
Isopropylbenzene	20.0	23.0		ug/L		115	79 - 125	1	30
Methyl acetate	40.0	48.1		ug/L		120	55 - 146	3	30
Methyl tert-butyl ether	20.0	22.4		ug/L		112	72 - 131	5	30
Methylcyclohexane	20.0	22.0		ug/L		110	54 - 139	1	30
Methylene Chloride	20.0	22.3		ug/L		112	74 - 127	4	30
m-Xylene & p-Xylene	20.0	22.8		ug/L		114	78 - 120	3	30
o-Xylene	20.0	22.5		ug/L		113	78 - 120	2	30
Styrene	20.0	22.7		ug/L		114	75 - 127	2	30
Tetrachloroethene	20.0	20.9		ug/L		104	70 - 127	1	30
Toluene	20.0	22.9		ug/L		115	78 - 120	3	30
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	74 - 126	4	30
trans-1,3-Dichloropropene	20.0	24.0		ug/L		120	66 - 127	2	30
Trichloroethene	20.0	22.0		ug/L		110	71 - 121	2	30
Trichlorofluoromethane	20.0	20.7		ug/L		103	50 - 150	1	30
Vinyl chloride	20.0	23.2		ug/L		116	55 - 144	5	30
Xylenes, Total	40.0	45.3		ug/L		113	78 - 120	2	30

Eurofins Edison

QC Sample Results

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

Job ID: 460-268448-1

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		70 - 128
4-Bromofluorobenzene	92		76 - 120
Dibromofluoromethane (Surr)	94		77 - 124
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: MB 460-875343/10

Matrix: Water

Analysis Batch: 875343

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.27	ug/L			11/01/22 09:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			11/01/22 09:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			11/01/22 09:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			11/01/22 09:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			11/01/22 09:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			11/01/22 09:24	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			11/01/22 09:24	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			11/01/22 09:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			11/01/22 09:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			11/01/22 09:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			11/01/22 09:24	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			11/01/22 09:24	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			11/01/22 09:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			11/01/22 09:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			11/01/22 09:24	1
1,4-Dioxane	50	U	50	28	ug/L			11/01/22 09:24	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			11/01/22 09:24	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			11/01/22 09:24	1
2-Methyl-2-propanol	10	U	10	8.3	ug/L			11/01/22 09:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			11/01/22 09:24	1
Acetone	5.0	U	5.0	4.4	ug/L			11/01/22 09:24	1
Benzene	1.0	U	1.0	0.20	ug/L			11/01/22 09:24	1
Bromoform	1.0	U	1.0	0.54	ug/L			11/01/22 09:24	1
Bromomethane	1.0	U	1.0	0.55	ug/L			11/01/22 09:24	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			11/01/22 09:24	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			11/01/22 09:24	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			11/01/22 09:24	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			11/01/22 09:24	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			11/01/22 09:24	1
Chloroethane	1.0	U	1.0	0.32	ug/L			11/01/22 09:24	1
Chloroform	1.0	U	1.0	0.33	ug/L			11/01/22 09:24	1
Chloromethane	1.0	U	1.0	0.40	ug/L			11/01/22 09:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			11/01/22 09:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 09:24	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			11/01/22 09:24	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			11/01/22 09:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/01/22 09:24	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			11/01/22 09:24	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			11/01/22 09:24	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			11/01/22 09:24	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			11/01/22 09:24	1

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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

Lab Sample ID: MB 460-875343/10

Matrix: Water

Analysis Batch: 875343

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			11/01/22 09:24	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			11/01/22 09:24	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			11/01/22 09:24	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			11/01/22 09:24	1
o-Xylene	1.0	U	1.0	0.36	ug/L			11/01/22 09:24	1
Styrene	1.0	U	1.0	0.42	ug/L			11/01/22 09:24	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			11/01/22 09:24	1
Toluene	1.0	U	1.0	0.38	ug/L			11/01/22 09:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			11/01/22 09:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			11/01/22 09:24	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			11/01/22 09:24	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			11/01/22 09:24	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			11/01/22 09:24	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/01/22 09:24	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					11/01/22 09:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		70 - 128		11/01/22 09:24	1
4-Bromofluorobenzene	109		76 - 120		11/01/22 09:24	1
Dibromofluoromethane (Surr)	99		77 - 124		11/01/22 09:24	1
Toluene-d8 (Surr)	97		80 - 120		11/01/22 09:24	1

Lab Sample ID: LCS 460-875343/5

Matrix: Water

Analysis Batch: 875343

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	19.0		ug/L		95	67 - 129
1,1,1-Trichloroethane	20.0	19.1		ug/L		96	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	51 - 142
1,1,2-Trichloroethane	20.0	18.5		ug/L		92	74 - 125
1,1-Dichloroethane	20.0	18.3		ug/L		91	73 - 130
1,1-Dichloroethene	20.0	20.8		ug/L		104	68 - 133
1,2,3-Trichlorobenzene	20.0	21.3		ug/L		106	56 - 144
1,2,4-Trichlorobenzene	20.0	21.1		ug/L		105	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.7		ug/L		89	58 - 132
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120
1,2-Dichloroethane	20.0	16.7		ug/L		83	66 - 129
1,2-Dichloropropane	20.0	18.5		ug/L		92	68 - 128
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 120
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120
1,4-Dioxane	400	569		ug/L		142	62 - 142
2-Butanone (MEK)	100	116		ug/L		116	61 - 128
2-Hexanone	100	99.8		ug/L		100	61 - 134

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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

Lab Sample ID: LCS 460-875343/5

Matrix: Water

Analysis Batch: 875343

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methyl-2-propanol	200	198		ug/L		99	67 - 126
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	69 - 128
Acetone	100	93.5		ug/L		94	61 - 134
Benzene	20.0	18.7		ug/L		93	71 - 126
Bromoform	20.0	18.8		ug/L		94	48 - 144
Bromomethane	20.0	22.6		ug/L		113	32 - 150
Carbon disulfide	20.0	19.5		ug/L		97	64 - 138
Carbon tetrachloride	20.0	19.8		ug/L		99	61 - 131
Chlorobenzene	20.0	19.9		ug/L		100	80 - 120
Chlorobromomethane	20.0	20.7		ug/L		103	67 - 126
Chlorodibromomethane	20.0	18.4		ug/L		92	62 - 130
Chloroethane	20.0	20.4		ug/L		102	42 - 150
Chloroform	20.0	18.6		ug/L		93	78 - 125
Chloromethane	20.0	16.4		ug/L		82	43 - 150
cis-1,2-Dichloroethene	20.0	20.1		ug/L		101	78 - 121
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	74 - 125
Cyclohexane	20.0	21.3		ug/L		106	60 - 133
Dichlorobromomethane	20.0	17.7		ug/L		88	76 - 121
Dichlorodifluoromethane	20.0	16.4		ug/L		82	33 - 150
Ethylbenzene	20.0	19.6		ug/L		98	78 - 120
Ethylene Dibromide	20.0	19.8		ug/L		99	79 - 126
Isopropylbenzene	20.0	20.2		ug/L		101	79 - 125
Methyl acetate	40.0	30.7		ug/L		77	55 - 146
Methyl tert-butyl ether	20.0	18.9		ug/L		95	72 - 131
Methylcyclohexane	20.0	20.5		ug/L		102	54 - 139
Methylene Chloride	20.0	19.7		ug/L		98	74 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	78 - 120
o-Xylene	20.0	19.6		ug/L		98	78 - 120
Styrene	20.0	20.3		ug/L		101	75 - 127
Tetrachloroethene	20.0	21.2		ug/L		106	70 - 127
Toluene	20.0	19.0		ug/L		95	78 - 120
trans-1,2-Dichloroethene	20.0	20.1		ug/L		100	74 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	66 - 127
Trichloroethene	20.0	18.8		ug/L		94	71 - 121
Trichlorofluoromethane	20.0	20.0		ug/L		100	50 - 150
Vinyl chloride	20.0	17.7		ug/L		88	55 - 144
Xylenes, Total	40.0	39.3		ug/L		98	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 128
4-Bromofluorobenzene	108		76 - 120
Dibromofluoromethane (Surr)	97		77 - 124
Toluene-d8 (Surr)	96		80 - 120

QC Sample Results

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

Job ID: 460-268448-1

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

Lab Sample ID: LCSD 460-875343/6

Matrix: Water

Analysis Batch: 875343

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	19.1		ug/L		95	67 - 129	0	30
1,1,1-Trichloroethane	20.0	19.5		ug/L		97	68 - 128	2	30
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		96	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	51 - 142	0	30
1,1,2-Trichloroethane	20.0	18.9		ug/L		95	74 - 125	2	30
1,1-Dichloroethane	20.0	19.0		ug/L		95	73 - 130	4	30
1,1-Dichloroethene	20.0	21.6		ug/L		108	68 - 133	4	30
1,2,3-Trichlorobenzene	20.0	22.1		ug/L		111	56 - 144	4	30
1,2,4-Trichlorobenzene	20.0	21.7		ug/L		109	67 - 132	3	30
1,2-Dibromo-3-Chloropropane	20.0	18.0		ug/L		90	58 - 132	1	30
1,2-Dichlorobenzene	20.0	20.5		ug/L		102	80 - 120	3	30
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129	6	30
1,2-Dichloropropane	20.0	18.8		ug/L		94	68 - 128	1	30
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
1,4-Dioxane	400	544		ug/L		136	62 - 142	4	30
2-Butanone (MEK)	100	117		ug/L		117	61 - 128	1	30
2-Hexanone	100	99.3		ug/L		99	61 - 134	1	30
2-Methyl-2-propanol	200	204		ug/L		102	67 - 126	3	30
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	69 - 128	5	30
Acetone	100	102		ug/L		102	61 - 134	9	30
Benzene	20.0	18.8		ug/L		94	71 - 126	1	30
Bromoform	20.0	18.3		ug/L		92	48 - 144	2	30
Bromomethane	20.0	22.7		ug/L		113	32 - 150	0	30
Carbon disulfide	20.0	20.0		ug/L		100	64 - 138	3	30
Carbon tetrachloride	20.0	19.8		ug/L		99	61 - 131	0	30
Chlorobenzene	20.0	20.3		ug/L		102	80 - 120	2	30
Chlorobromomethane	20.0	21.2		ug/L		106	67 - 126	3	30
Chlorodibromomethane	20.0	18.5		ug/L		92	62 - 130	0	30
Chloroethane	20.0	20.5		ug/L		103	42 - 150	1	30
Chloroform	20.0	19.1		ug/L		95	78 - 125	3	30
Chloromethane	20.0	16.6		ug/L		83	43 - 150	1	30
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	19.1		ug/L		95	74 - 125	2	30
Cyclohexane	20.0	22.0		ug/L		110	60 - 133	3	30
Dichlorobromomethane	20.0	18.2		ug/L		91	76 - 121	3	30
Dichlorodifluoromethane	20.0	16.3		ug/L		82	33 - 150	0	30
Ethylbenzene	20.0	19.8		ug/L		99	78 - 120	1	30
Ethylene Dibromide	20.0	20.0		ug/L		100	79 - 126	1	30
Isopropylbenzene	20.0	20.3		ug/L		102	79 - 125	1	30
Methyl acetate	40.0	30.7		ug/L		77	55 - 146	0	30
Methyl tert-butyl ether	20.0	19.2		ug/L		96	72 - 131	1	30
Methylcyclohexane	20.0	21.5		ug/L		107	54 - 139	5	30
Methylene Chloride	20.0	20.3		ug/L		102	74 - 127	3	30
m-Xylene & p-Xylene	20.0	20.3		ug/L		101	78 - 120	3	30
o-Xylene	20.0	19.8		ug/L		99	78 - 120	1	30
Styrene	20.0	20.4		ug/L		102	75 - 127	1	30
Tetrachloroethene	20.0	21.6		ug/L		108	70 - 127	2	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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

Lab Sample ID: LCSD 460-875343/6

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 875343

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	20.0	19.3		ug/L		96	78 - 120	1	30
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	74 - 126	3	30
trans-1,3-Dichloropropene	20.0	18.5		ug/L		92	66 - 127	2	30
Trichloroethene	20.0	18.8		ug/L		94	71 - 121	0	30
Trichlorofluoromethane	20.0	20.0		ug/L		100	50 - 150	0	30
Vinyl chloride	20.0	17.9		ug/L		89	55 - 144	1	30
Xylenes, Total	40.0	40.1		ug/L		100	78 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 128
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	97		77 - 124
Toluene-d8 (Surr)	95		80 - 120

Definitions/Glossary

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

Job ID: 460-268448-1

Qualifiers

GC/MS VOA

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

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: 460-268448-1

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

GC/MS VOA

Analysis Batch: 875140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-268448-1	TB-102522	Total/NA	Water	8260D	
460-268448-6	FB-102522-1	Total/NA	Water	8260D	
MB 460-875140/7	Method Blank	Total/NA	Water	8260D	
LCS 460-875140/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-875140/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 875343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-268448-2	CVW-MW-2	Total/NA	Water	8260D	
460-268448-3	CVW-MW-3	Total/NA	Water	8260D	
460-268448-4	CVW-MW-4A	Total/NA	Water	8260D	
460-268448-5	CVW-MW-4B	Total/NA	Water	8260D	
MB 460-875343/10	Method Blank	Total/NA	Water	8260D	
LCS 460-875343/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-875343/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

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

Job ID: 460-268448-1

Client Sample ID: TB-102522

Lab Sample ID: 460-268448-1

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	875140	SZD	EET EDI	10/31/22 08:25

Client Sample ID: CVW-MW-2

Lab Sample ID: 460-268448-2

Date Collected: 10/25/22 09:45

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		5	875343	SZD	EET EDI	11/01/22 10:46

Client Sample ID: CVW-MW-3

Lab Sample ID: 460-268448-3

Date Collected: 10/25/22 10:15

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	875343	SZD	EET EDI	11/01/22 10:05

Client Sample ID: CVW-MW-4A

Lab Sample ID: 460-268448-4

Date Collected: 10/25/22 11:00

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	875343	SZD	EET EDI	11/01/22 09:44

Client Sample ID: CVW-MW-4B

Lab Sample ID: 460-268448-5

Date Collected: 10/25/22 10:45

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	875343	SZD	EET EDI	11/01/22 10:25

Client Sample ID: FB-102522-1

Lab Sample ID: 460-268448-6

Date Collected: 10/25/22 13:50

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	875140	SZD	EET EDI	10/31/22 08:47

Laboratory References:

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

Accreditation/Certification Summary

Client: GEI Consultants, Inc.

Job ID: 460-268448-1

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

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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-102522	460-268448-1	99	108	103	92
CVW-MW-2	460-268448-2	97	83	94	110
CVW-MW-3	460-268448-3	96	93	97	109
CVW-MW-4A	460-268448-4	98	87	95	107
CVW-MW-4B	460-268448-5	85	113	97	107
FB-102522-1	460-268448-6	99	107	104	93
	MB 460-875140/7	100	108	103	93
	MB 460-875343/10	99	88	97	109
	LCS 460-875140/3	95	102	104	95
	LCS 460-875343/5	97	87	96	108
	LCSD 460-875140/4	94	101	103	92
	LCSD 460-875343/6	97	85	95	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654923.D
 Lab ID: LCS 460-875140/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.9	104	67-129	
1,1,1-Trichloroethane	20.0	21.8	109	68-128	
1,1,2,2-Tetrachloroethane	20.0	23.1	116	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	20.6	103	51-142	
1,1,2-Trichloroethane	20.0	23.2	116	74-125	
1,1-Dichloroethane	20.0	23.7	118	73-130	
1,1-Dichloroethene	20.0	21.0	105	68-133	
1,2,3-Trichlorobenzene	20.0	20.4	102	56-144	
1,2,4-Trichlorobenzene	20.0	19.5	97	67-132	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	58-132	
1,2-Dichlorobenzene	20.0	21.4	107	80-120	
1,2-Dichloroethane	20.0	21.4	107	66-129	
1,2-Dichloropropane	20.0	23.1	116	68-128	
1,3-Dichlorobenzene	20.0	21.8	109	80-120	
1,4-Dichlorobenzene	20.0	21.7	108	80-120	
1,4-Dioxane	400	451	113	62-142	
2-Butanone (MEK)	100	97.1	97	61-128	
2-Hexanone	100	107	107	61-134	
2-Methyl-2-propanol	200	217	108	67-126	
4-Methyl-2-pentanone (MIBK)	100	110	110	69-128	
Acetone	100	106	106	61-134	
Benzene	20.0	24.0	120	71-126	
Bromoform	20.0	19.9	100	48-144	
Bromomethane	20.0	31.1	156	32-150	*
Carbon disulfide	20.0	23.4	117	64-138	
Carbon tetrachloride	20.0	21.5	108	61-131	
Chlorobenzene	20.0	21.8	109	80-120	
Chlorobromomethane	20.0	21.2	106	67-126	
Chlorodibromomethane	20.0	20.6	103	62-130	
Chloroethane	20.0	19.9	100	42-150	
Chloroform	20.0	21.6	108	78-125	
Chloromethane	20.0	22.4	112	43-150	
cis-1,2-Dichloroethene	20.0	20.3	101	78-121	
cis-1,3-Dichloropropene	20.0	23.7	118	74-125	
Cyclohexane	20.0	22.4	112	60-133	
Dichlorobromomethane	20.0	22.0	110	76-121	
Dichlorodifluoromethane	20.0	16.8	84	33-150	
Ethylbenzene	20.0	22.7	113	78-120	
Ethylene Dibromide	20.0	21.4	107	79-126	
Isopropylbenzene	20.0	22.6	113	79-125	
Methyl acetate	40.0	46.8	117	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654923.D
 Lab ID: LCS 460-875140/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	21.3	106	72-131	
Methylcyclohexane	20.0	21.8	109	54-139	
Methylene Chloride	20.0	21.4	107	74-127	
m-Xylene & p-Xylene	20.0	22.1	111	78-120	
o-Xylene	20.0	22.1	111	78-120	
Styrene	20.0	22.2	111	75-127	
Tetrachloroethene	20.0	20.6	103	70-127	
Toluene	20.0	22.3	112	78-120	
trans-1,2-Dichloroethene	20.0	20.5	103	74-126	
trans-1,3-Dichloropropene	20.0	23.5	118	66-127	
Trichloroethene	20.0	21.5	107	71-121	
Trichlorofluoromethane	20.0	20.4	102	50-150	
Vinyl chloride	20.0	22.2	111	55-144	
Xylenes, Total	40.0	44.3	111	78-120	

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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT62719.D
 Lab ID: LCS 460-875343/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	19.0	95	67-129	
1,1,1-Trichloroethane	20.0	19.1	96	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.7	93	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2	106	51-142	
1,1,2-Trichloroethane	20.0	18.5	92	74-125	
1,1-Dichloroethane	20.0	18.3	91	73-130	
1,1-Dichloroethene	20.0	20.8	104	68-133	
1,2,3-Trichlorobenzene	20.0	21.3	106	56-144	
1,2,4-Trichlorobenzene	20.0	21.1	105	67-132	
1,2-Dibromo-3-Chloropropane	20.0	17.7	89	58-132	
1,2-Dichlorobenzene	20.0	19.9	100	80-120	
1,2-Dichloroethane	20.0	16.7	83	66-129	
1,2-Dichloropropane	20.0	18.5	92	68-128	
1,3-Dichlorobenzene	20.0	19.8	99	80-120	
1,4-Dichlorobenzene	20.0	19.7	99	80-120	
1,4-Dioxane	400	569	142	62-142	
2-Butanone (MEK)	100	116	116	61-128	
2-Hexanone	100	99.8	100	61-134	
2-Methyl-2-propanol	200	198	99	67-126	
4-Methyl-2-pentanone (MIBK)	100	104	104	69-128	
Acetone	100	93.5	94	61-134	
Benzene	20.0	18.7	93	71-126	
Bromoform	20.0	18.8	94	48-144	
Bromomethane	20.0	22.6	113	32-150	
Carbon disulfide	20.0	19.5	97	64-138	
Carbon tetrachloride	20.0	19.8	99	61-131	
Chlorobenzene	20.0	19.9	100	80-120	
Chlorobromomethane	20.0	20.7	103	67-126	
Chlorodibromomethane	20.0	18.4	92	62-130	
Chloroethane	20.0	20.4	102	42-150	
Chloroform	20.0	18.6	93	78-125	
Chloromethane	20.0	16.4	82	43-150	
cis-1,2-Dichloroethene	20.0	20.1	101	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	74-125	
Cyclohexane	20.0	21.3	106	60-133	
Dichlorobromomethane	20.0	17.7	88	76-121	
Dichlorodifluoromethane	20.0	16.4	82	33-150	
Ethylbenzene	20.0	19.6	98	78-120	
Ethylene Dibromide	20.0	19.8	99	79-126	
Isopropylbenzene	20.0	20.2	101	79-125	
Methyl acetate	40.0	30.7	77	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT62719.D
 Lab ID: LCS 460-875343/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	18.9	95	72-131	
Methylcyclohexane	20.0	20.5	102	54-139	
Methylene Chloride	20.0	19.7	98	74-127	
m-Xylene & p-Xylene	20.0	19.7	99	78-120	
o-Xylene	20.0	19.6	98	78-120	
Styrene	20.0	20.3	101	75-127	
Tetrachloroethene	20.0	21.2	106	70-127	
Toluene	20.0	19.0	95	78-120	
trans-1,2-Dichloroethene	20.0	20.1	100	74-126	
trans-1,3-Dichloropropene	20.0	18.0	90	66-127	
Trichloroethene	20.0	18.8	94	71-121	
Trichlorofluoromethane	20.0	20.0	100	50-150	
Vinyl chloride	20.0	17.7	88	55-144	
Xylenes, Total	40.0	39.3	98	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.: 460-268448-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: T654924.D

Lab ID: LCSD 460-875140/4 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	21.5	108	3	30	67-129	
1,1,1-Trichloroethane	20.0	22.2	111	2	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	24.3	122	5	30	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	21.0	105	2	30	51-142	
1,1,2-Trichloroethane	20.0	23.7	119	2	30	74-125	
1,1-Dichloroethane	20.0	24.4	122	3	30	73-130	
1,1-Dichloroethene	20.0	21.5	107	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.0	110	8	30	56-144	
1,2,4-Trichlorobenzene	20.0	20.7	104	6	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	18.7	94	1	30	58-132	
1,2-Dichlorobenzene	20.0	22.3	111	4	30	80-120	
1,2-Dichloroethane	20.0	21.9	110	3	30	66-129	
1,2-Dichloropropane	20.0	23.9	119	3	30	68-128	
1,3-Dichlorobenzene	20.0	22.7	114	4	30	80-120	
1,4-Dichlorobenzene	20.0	22.5	112	4	30	80-120	
1,4-Dioxane	400	462	116	2	30	62-142	
2-Butanone (MEK)	100	101	101	3	30	61-128	
2-Hexanone	100	111	111	3	30	61-134	
2-Methyl-2-propanol	200	225	112	4	30	67-126	
4-Methyl-2-pentanone (MIBK)	100	115	115	5	30	69-128	
Acetone	100	114	114	7	30	61-134	
Benzene	20.0	24.5	122	2	30	71-126	
Bromoform	20.0	19.8	99	1	30	48-144	
Bromomethane	20.0	37.7	188	19	30	32-150	*
Carbon disulfide	20.0	23.9	119	2	30	64-138	
Carbon tetrachloride	20.0	21.8	109	1	30	61-131	
Chlorobenzene	20.0	22.3	111	2	30	80-120	
Chlorobromomethane	20.0	21.4	107	1	30	67-126	
Chlorodibromomethane	20.0	21.3	106	3	30	62-130	
Chloroethane	20.0	20.3	101	2	30	42-150	
Chloroform	20.0	22.1	110	2	30	78-125	
Chloromethane	20.0	23.1	115	3	30	43-150	
cis-1,2-Dichloroethene	20.0	20.8	104	2	30	78-121	
cis-1,3-Dichloropropene	20.0	24.5	122	3	30	74-125	
Cyclohexane	20.0	22.8	114	2	30	60-133	
Dichlorobromomethane	20.0	21.8	109	1	30	76-121	
Dichlorodifluoromethane	20.0	17.2	86	3	30	33-150	
Ethylbenzene	20.0	22.9	114	1	30	78-120	
Ethylene Dibromide	20.0	22.0	110	3	30	79-126	
Isopropylbenzene	20.0	23.0	115	1	30	79-125	
Methyl acetate	40.0	48.1	120	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654924.D
 Lab ID: LCSD 460-875140/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methyl tert-butyl ether	20.0	22.4	112	5	30	72-131	
Methylcyclohexane	20.0	22.0	110	1	30	54-139	
Methylene Chloride	20.0	22.3	112	4	30	74-127	
m-Xylene & p-Xylene	20.0	22.8	114	3	30	78-120	
o-Xylene	20.0	22.5	113	2	30	78-120	
Styrene	20.0	22.7	114	2	30	75-127	
Tetrachloroethene	20.0	20.9	104	1	30	70-127	
Toluene	20.0	22.9	115	3	30	78-120	
trans-1,2-Dichloroethene	20.0	21.4	107	4	30	74-126	
trans-1,3-Dichloropropene	20.0	24.0	120	2	30	66-127	
Trichloroethene	20.0	22.0	110	2	30	71-121	
Trichlorofluoromethane	20.0	20.7	103	1	30	50-150	
Vinyl chloride	20.0	23.2	116	5	30	55-144	
Xylenes, Total	40.0	45.3	113	2	30	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT62720.D
 Lab ID: LCSD 460-875343/6 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	19.1	95	0	30	67-129	
1,1,1-Trichloroethane	20.0	19.5	97	2	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.1	96	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	21.2	106	0	30	51-142	
1,1,2-Trichloroethane	20.0	18.9	95	2	30	74-125	
1,1-Dichloroethane	20.0	19.0	95	4	30	73-130	
1,1-Dichloroethene	20.0	21.6	108	4	30	68-133	
1,2,3-Trichlorobenzene	20.0	22.1	111	4	30	56-144	
1,2,4-Trichlorobenzene	20.0	21.7	109	3	30	67-132	
1,2-Dibromo-3-Chloropropane	20.0	18.0	90	1	30	58-132	
1,2-Dichlorobenzene	20.0	20.5	102	3	30	80-120	
1,2-Dichloroethane	20.0	17.6	88	6	30	66-129	
1,2-Dichloropropane	20.0	18.8	94	1	30	68-128	
1,3-Dichlorobenzene	20.0	20.6	103	4	30	80-120	
1,4-Dichlorobenzene	20.0	20.6	103	4	30	80-120	
1,4-Dioxane	400	544	136	4	30	62-142	
2-Butanone (MEK)	100	117	117	1	30	61-128	
2-Hexanone	100	99.3	99	1	30	61-134	
2-Methyl-2-propanol	200	204	102	3	30	67-126	
4-Methyl-2-pentanone (MIBK)	100	109	109	5	30	69-128	
Acetone	100	102	102	9	30	61-134	
Benzene	20.0	18.8	94	1	30	71-126	
Bromoform	20.0	18.3	92	2	30	48-144	
Bromomethane	20.0	22.7	113	0	30	32-150	
Carbon disulfide	20.0	20.0	100	3	30	64-138	
Carbon tetrachloride	20.0	19.8	99	0	30	61-131	
Chlorobenzene	20.0	20.3	102	2	30	80-120	
Chlorobromomethane	20.0	21.2	106	3	30	67-126	
Chlorodibromomethane	20.0	18.5	92	0	30	62-130	
Chloroethane	20.0	20.5	103	1	30	42-150	
Chloroform	20.0	19.1	95	3	30	78-125	
Chloromethane	20.0	16.6	83	1	30	43-150	
cis-1,2-Dichloroethene	20.0	20.4	102	1	30	78-121	
cis-1,3-Dichloropropene	20.0	19.1	95	2	30	74-125	
Cyclohexane	20.0	22.0	110	3	30	60-133	
Dichlorobromomethane	20.0	18.2	91	3	30	76-121	
Dichlorodifluoromethane	20.0	16.3	82	0	30	33-150	
Ethylbenzene	20.0	19.8	99	1	30	78-120	
Ethylene Dibromide	20.0	20.0	100	1	30	79-126	
Isopropylbenzene	20.0	20.3	102	1	30	79-125	
Methyl acetate	40.0	30.7	77	0	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.: 460-268448-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT62720.D
 Lab ID: LCSD 460-875343/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methyl tert-butyl ether	20.0	19.2	96	1	30	72-131	
Methylcyclohexane	20.0	21.5	107	5	30	54-139	
Methylene Chloride	20.0	20.3	102	3	30	74-127	
m-Xylene & p-Xylene	20.0	20.3	101	3	30	78-120	
o-Xylene	20.0	19.8	99	1	30	78-120	
Styrene	20.0	20.4	102	1	30	75-127	
Tetrachloroethene	20.0	21.6	108	2	30	70-127	
Toluene	20.0	19.3	96	1	30	78-120	
trans-1,2-Dichloroethene	20.0	20.6	103	3	30	74-126	
trans-1,3-Dichloropropene	20.0	18.5	92	2	30	66-127	
Trichloroethene	20.0	18.8	94	0	30	71-121	
Trichlorofluoromethane	20.0	20.0	100	0	30	50-150	
Vinyl chloride	20.0	17.9	89	1	30	55-144	
Xylenes, Total	40.0	40.1	100	2	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.: 460-268448-1
SDG No.: _____
Lab File ID: T654927.D Lab Sample ID: MB 460-875140/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS15 Date Analyzed: 10/31/2022 08:04
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-875140/3	T654923.D	10/31/2022 06:38
	LCSD 460-875140/4	T654924.D	10/31/2022 07:00
TB-102522	460-268448-1	T654928.D	10/31/2022 08:25
FB-102522-1	460-268448-6	T654929.D	10/31/2022 08:47

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268448-1
SDG No.: _____
Lab File ID: TT62724.D Lab Sample ID: MB 460-875343/10
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS17 Date Analyzed: 11/01/2022 09:24
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-875343/5	TT62719.D	11/01/2022 07:40
	LCSD 460-875343/6	TT62720.D	11/01/2022 08:01
CVW-MW-4A	460-268448-4	TT62725.D	11/01/2022 09:44
CVW-MW-3	460-268448-3	TT62726.D	11/01/2022 10:05
CVW-MW-4B	460-268448-5	TT62727.D	11/01/2022 10:25
CVW-MW-2	460-268448-2	TT62728.D	11/01/2022 10:46

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

Lab Name: Eurofins Edison Job No.: 460-268448-1
SDG No.: _____
Lab File ID: T654793a.D BFB Injection Date: 10/28/2022
Instrument ID: CVOAMS15 BFB Injection Time: 07:10
Analysis Batch No.: 874641

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	138.1
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.6
174	50 - 200% of m/z 95	72.4
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	95.4
177	5 - 10% of m/z 176	6.7

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-874641/2	T654794.D	10/28/2022	7:31
	STD05 460-874641/3	T654795.D	10/28/2022	7:52
	STD1 460-874641/4	T654796.D	10/28/2022	8:13
	STD5 460-874641/5	T654797.D	10/28/2022	8:35
	STD50 460-874641/7	T654799.D	10/28/2022	9:18
	STD200 460-874641/9	T654801.D	10/28/2022	10:15
	STD500 460-874641/10	T654802.D	10/28/2022	10:37
	STD20 460-874641/16	T654808.D	10/28/2022	13:54
	ICV 460-874641/17	T654809.D	10/28/2022	14:33

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

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Lab File ID: TT62092.D BFB Injection Date: 10/14/2022
 Instrument ID: CVOAMS17 BFB Injection Time: 23:38
 Analysis Batch No.: 872085

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	121.1
96	5 - 9% of m/z 95	6.6
173	Less than 2% of m/z 174	1.0
174	50 - 200% of m/z 95	82.6
175	5 - 9% of m/z 174	7.5
176	95 -105% of m/z 174	97.1
177	5 - 10% of m/z 176	6.6

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-872085/4	TT62095b.D	10/15/2022	2:05
	STD1 460-872085/6	TT62097.D	10/15/2022	2:47
	STD5 460-872085/7	TT62098.D	10/15/2022	3:07
	STD20 460-872085/8	TT62099.D	10/15/2022	3:28
	STD50 460-872085/9	TT62100.D	10/15/2022	3:48
	STD200 460-872085/10	TT62101.D	10/15/2022	4:09
	STD500 460-872085/11	TT62102.D	10/15/2022	4:30
	ICV 460-872085/16	TT62107.D	10/15/2022	11:50

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

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Sample No.: STD20 460-874641/16 Date Analyzed: 10/28/2022 13:54
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654808.D Heated Purge: (Y/N) N
 Calibration ID: 91564

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	48268	3.17	379269	4.36	602569	5.61	
UPPER LIMIT	96536	3.67	758538	4.86	1205138	6.11	
LOWER LIMIT	24134	2.67	189635	3.86	301285	5.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-874641/17		44619	3.17	362183	4.36	594052	5.61

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.: 460-268448-1
 SDG No.: _____
 Sample No.: STD20 460-874641/16 Date Analyzed: 10/28/2022 13:54
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654808.D Heated Purge: (Y/N) N
 Calibration ID: 91564

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	33735	6.44	406993	9.74	188279	13.00	
UPPER LIMIT	67470	6.94	813986	10.24	376558	13.50	
LOWER LIMIT	16868	5.94	203497	9.24	94140	12.50	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-874641/17		31625	6.44	401739	9.74	186891	13.00

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.: 460-268448-1
 SDG No.: _____
 Sample No.: CCVIS 460-875140/2 Date Analyzed: 10/31/2022 06:17
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654922.D Heated Purge: (Y/N) N
 Calibration ID: 91564

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		38858	3.16	336021	4.36	489539	5.61
UPPER LIMIT		77716	3.66	672042	4.86	979078	6.11
LOWER LIMIT		19429	2.66	168011	3.86	244770	5.11
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-875140/3		39549	3.16	347669	4.36	486436	5.61
LCSD 460-875140/4		40946	3.16	360588	4.36	504123	5.61
MB 460-875140/7		42806	3.16	346121	4.36	469116	5.61
460-268448-1	TB-102522	42111	3.16	339646	4.36	473748	5.61
460-268448-6	FB-102522-1	41888	3.16	342282	4.36	464816	5.61

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.: 460-268448-1
 SDG No.: _____
 Sample No.: CCVIS 460-875140/2 Date Analyzed: 10/31/2022 06:17
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654922.D Heated Purge: (Y/N) N
 Calibration ID: 91564

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26007	6.43	316956	9.73	139408	12.99
UPPER LIMIT		52014	6.93	633912	10.23	278816	13.49
LOWER LIMIT		13004	5.93	158478	9.23	69704	12.49
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-875140/3		27090	6.43	314661	9.73	139183	12.99
LCSD 460-875140/4		27639	6.43	327376	9.73	141023	12.99
MB 460-875140/7		28428	6.43	316947	9.73	136104	12.99
460-268448-1		TB-102522	28143	6.43	316792	9.73	136776
460-268448-6		FB-102522-1	27752	6.43	309283	9.73	135288

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.: 460-268448-1
 SDG No.: _____
 Sample No.: STD20 460-872085/8 Date Analyzed: 10/15/2022 03:28
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT62099.D Heated Purge: (Y/N) N
 Calibration ID: 91523

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	30501	2.72	235164	3.68	396841	4.70	
UPPER LIMIT	61002	3.22	470328	4.18	793682	5.20	
LOWER LIMIT	15251	2.22	117582	3.18	198421	4.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-872085/16		31533	2.71	243723	3.67	415224	4.70

TBAd9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

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.: 460-268448-1
 SDG No.: _____
 Sample No.: STD20 460-872085/8 Date Analyzed: 10/15/2022 03:28
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT62099.D Heated Purge: (Y/N) N
 Calibration ID: 91523

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	14307	5.38	267166	8.04	149721	10.76	
UPPER LIMIT	28614	5.88	534332	8.54	299442	11.26	
LOWER LIMIT	7154	4.88	133583	7.54	74861	10.26	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-872085/16		14127	5.37	280831	8.04	161675	10.76

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.: 460-268448-1
 SDG No.: _____
 Sample No.: CCVIS 460-875343/4 Date Analyzed: 11/01/2022 07:20
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT62718.D Heated Purge: (Y/N) N
 Calibration ID: 91523

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	33621	2.73	250438	3.67	480801	4.70	
UPPER LIMIT	67242	3.23	500876	4.17	961602	5.20	
LOWER LIMIT	16811	2.23	125219	3.17	240401	4.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-875343/5		36387	2.71	226698	3.68	453323	4.70
LCSD 460-875343/6		34576	2.72	228287	3.68	445369	4.70
MB 460-875343/10		29816	2.73	207115	3.68	405494	4.70
460-268448-4	CVW-MW-4A	29381	2.74	203169	3.68	418821	4.70
460-268448-3	CVW-MW-3	31826	2.72	195118	3.68	433496	4.70
460-268448-5	CVW-MW-4B	44264	2.70	210915	3.68	490640	4.70
460-268448-2	CVW-MW-2	33837	2.72	243266	3.68	524244	4.70

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.: 460-268448-1
 SDG No.: _____
 Sample No.: CCVIS 460-875343/4 Date Analyzed: 11/01/2022 07:20
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT62718.D Heated Purge: (Y/N) N
 Calibration ID: 91523

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16544	5.37	342255	8.04	204985	10.76
UPPER LIMIT		33088	5.87	684510	8.54	409970	11.26
LOWER LIMIT		8272	4.87	171128	7.54	102493	10.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-875343/5		19134	5.38	322530	8.04	189731	10.76
LCSD 460-875343/6		19475	5.37	323058	8.04	185387	10.76
MB 460-875343/10		15187	5.38	283282	8.04	167027	10.76
460-268448-4	CVW-MW-4A	15877	5.38	293251	8.04	173157	10.76
460-268448-3	CVW-MW-3	14704	5.38	304927	8.04	178909	10.76
460-268448-5	CVW-MW-4B	16944	5.38	316405	8.04	181941	10.76
460-268448-2	CVW-MW-2	22193	5.38	368037	8.04	219780	10.76

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268448-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654928.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>10/31/2022 08:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268448-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654928.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>10/31/2022 08:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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)	108		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>TB-102522</u>	Lab Sample ID: <u>460-268448-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654928.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>10/31/2022 08:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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\CVOAMS15\20221031-152515.b\T654928.D
 Lims ID: 460-268448-A-1
 Client ID: TB-102522
 Sample Type: Client
 Inject. Date: 31-Oct-2022 08:25:54 ALS Bottle#: 0 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-A-1
 Misc. Info.: 460-0152515-008
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:38 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 09:00:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	99	42111	1000.0	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	45	339646	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	118094	49.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.288	0.000	91	169602	54.0	
* 65 Fluorobenzene	96	5.605	5.605	0.000	97	473748	50.0	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	28143	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.574	7.580	-0.006	98	443319	51.6	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	316792	50.0	
\$ 105 4-Bromofluorobenzene	174	11.604	11.610	-0.006	78	98844	45.9	
* 120 1,4-Dichlorobenzene-d4	152	12.993	12.994	-0.001	97	136776	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654928.D

Injection Date: 31-Oct-2022 08:25:54

Instrument ID: CVOAMS15

Lims ID: 460-268448-A-1

Lab Sample ID: 460-268448-1

Client ID: TB-102522

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 8

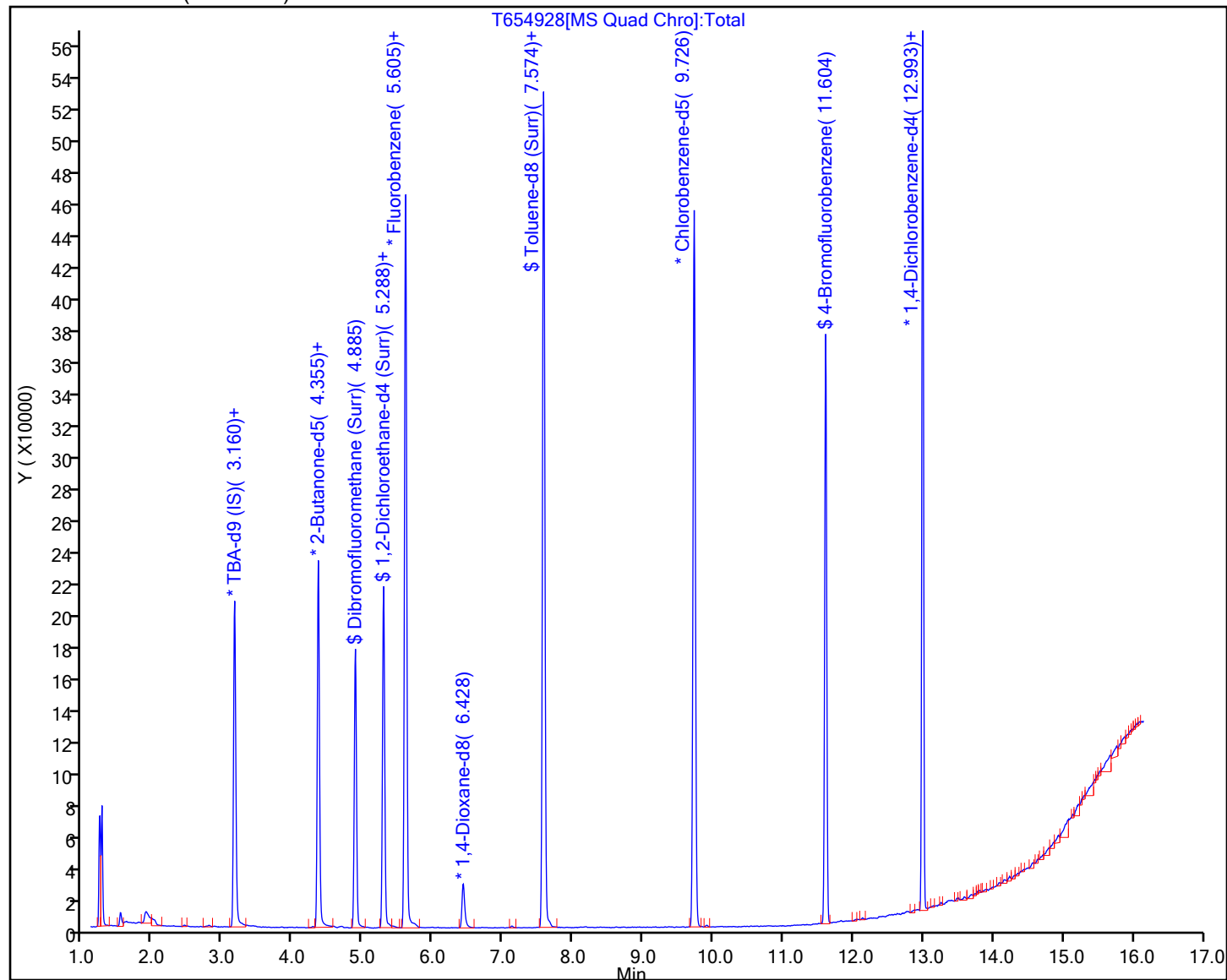
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654928.D
 Lims ID: 460-268448-A-1
 Client ID: TB-102522
 Sample Type: Client
 Inject. Date: 31-Oct-2022 08:25:54 ALS Bottle#: 0 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-A-1
 Misc. Info.: 460-0152515-008
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:38 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 09:00:34

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	49.5	98.98
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.0	107.95
\$ 83 Toluene-d8 (Surr)	50.0	51.6	103.29
\$ 105 4-Bromofluorobenzene	50.0	45.9	91.90

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654928.D

Injection Date: 31-Oct-2022 08:25:54

Instrument ID: CVOAMS15

Lims ID: 460-268448-A-1

Lab Sample ID: 460-268448-1

Client ID: TB-102522

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

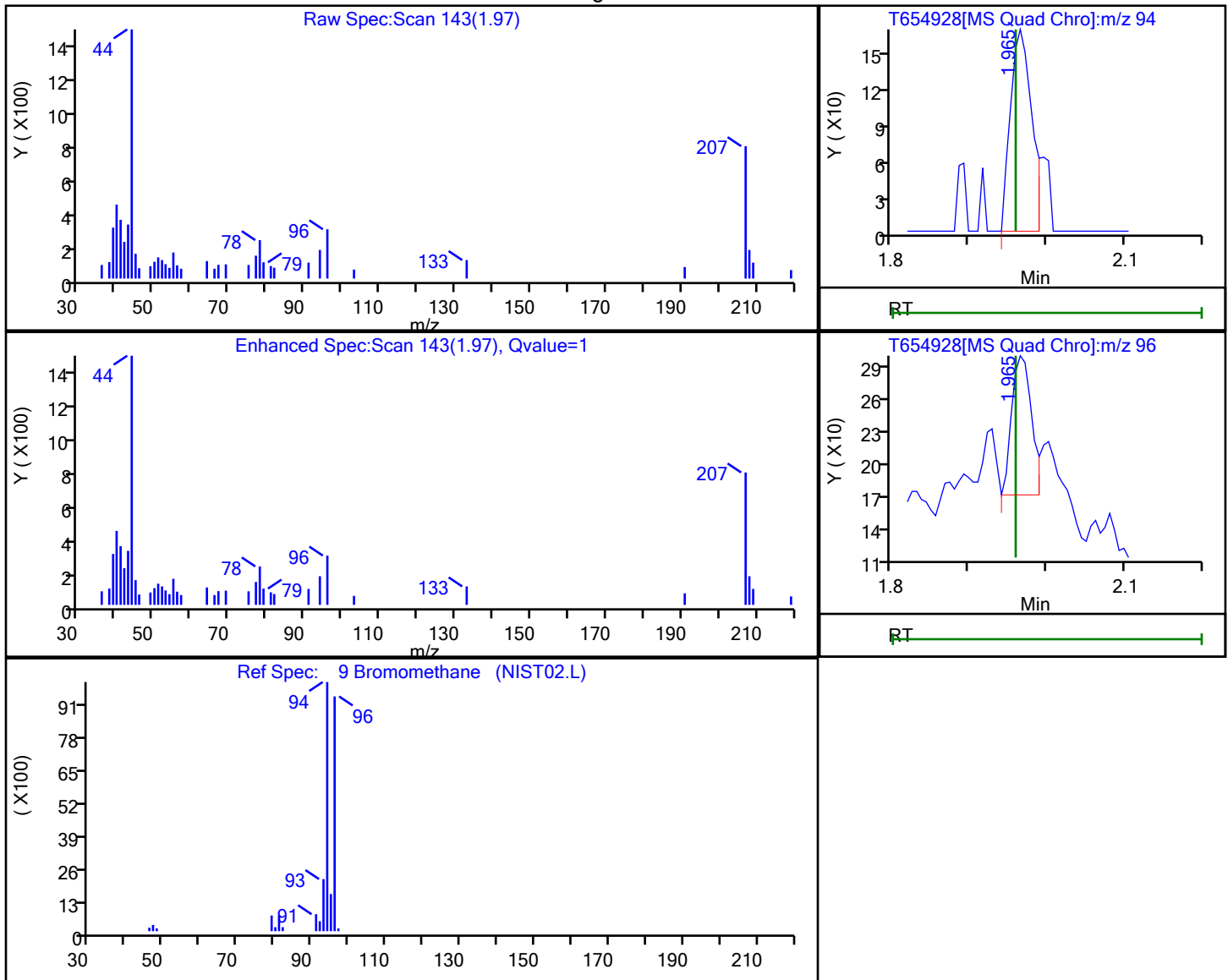
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.97	94.00	326	0.613296
1.97	96.00	215	

Reviewer: FK2C, 31-Oct-2022 09:00:18

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-2</u>	Lab Sample ID: <u>460-268448-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62728.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 09:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>11/01/2022 10:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	1.3
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.2
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.6
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	1.0
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.3
75-35-4	1,1-Dichloroethene	5.0	U	5.0	1.3
87-61-6	1,2,3-Trichlorobenzene	5.0	U	5.0	1.8
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.9
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
107-06-2	1,2-Dichloroethane	5.0	U	5.0	2.2
78-87-5	1,2-Dichloropropane	5.0	U	5.0	1.8
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	1.7
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.7
123-91-1	1,4-Dioxane	250	U	250	140
78-93-3	2-Butanone (MEK)	31		25	9.3
591-78-6	2-Hexanone	25	U	25	5.7
75-65-0	2-Methyl-2-propanol	50	U	50	41
108-10-1	4-Methyl-2-pentanone (MIBK)	25	U	25	6.5
67-64-1	Acetone	110		25	22
71-43-2	Benzene	1.3	J	5.0	1.0
75-25-2	Bromoform	5.0	U	5.0	2.7
74-83-9	Bromomethane	5.0	U	5.0	2.8
75-15-0	Carbon disulfide	5.5		5.0	4.1
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.0
108-90-7	Chlorobenzene	5.0	U	5.0	1.9
74-97-5	Chlorobromomethane	5.0	U	5.0	2.1
124-48-1	Chlorodibromomethane	5.0	U	5.0	1.4
75-00-3	Chloroethane	5.0	U	5.0	1.6
67-66-3	Chloroform	5.0	U	5.0	1.6
74-87-3	Chloromethane	5.0	U	5.0	2.0
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	1.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-2</u>	Lab Sample ID: <u>460-268448-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62728.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 09:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	1.1
110-82-7	Cyclohexane	5.0	U	5.0	1.6
75-27-4	Dichlorobromomethane	5.0	U	5.0	1.7
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.6
100-41-4	Ethylbenzene	370		5.0	1.5
106-93-4	Ethylene Dibromide	5.0	U	5.0	2.5
98-82-8	Isopropylbenzene	39		5.0	1.7
79-20-9	Methyl acetate	25	U	25	3.9
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	1.1
108-87-2	Methylcyclohexane	84		5.0	3.5
75-09-2	Methylene Chloride	5.0	U	5.0	1.6
179601-23-1	m-Xylene & p-Xylene	860		5.0	1.5
95-47-6	o-Xylene	62		5.0	1.8
100-42-5	Styrene	5.0	U	5.0	2.1
127-18-4	Tetrachloroethene	5.0	U	5.0	1.2
108-88-3	Toluene	23		5.0	1.9
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	1.2
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	1.1
79-01-6	Trichloroethene	5.0	U	5.0	1.6
75-69-4	Trichlorofluoromethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.86
1330-20-7	Xylenes, Total	920		10	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		70-128
460-00-4	4-Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-2</u>	Lab Sample ID: <u>460-268448-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62728.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 09:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:46</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>5</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</u>	Units: <u>ug/L</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>3490</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
78-78-4	Butane, 2-methyl-	1.82	260	J N	91%
107-83-5	Pentane, 2-methyl-	2.62	310	J N	91%
620-14-4	Benzene, 1-ethyl-3-methyl-	9.91	230	J N	95%
622-96-8	Benzene, 1-ethyl-4-methyl-	9.93	250	J N	94%
611-14-3	Benzene, 1-ethyl-2-methyl-	10.22	230	J N	95%
95-63-6	Benzene, 1,2,4-trimethyl-	10.40	1200	J N	95%
526-73-8	Benzene, 1,2,3-trimethyl-	10.80	230	J N	95%
	Unknown	10.98	260	J	
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.07	280	J N	94%
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.40	240	J N	97%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D
 Lims ID: 460-268448-C-2
 Client ID: CVW-MW-2
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:46:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-268448-C-2
 Misc. Info.: 460-0152569-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:05:30 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:33:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.403	2.391	0.012	87	22155	22.9	
24 Carbon disulfide	76	2.500	2.476	0.024	95	18027	1.09	M
* 31 TBA-d9 (IS)	66	2.720	2.726	-0.006	0	33837	1000.0	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	243266	250.0	
45 2-Butanone (MEK)	72	3.720	3.726	-0.006	94	2239	6.29	a
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	131056	48.6	
60 Benzene	78	4.427	4.421	0.006	44	4775	0.2676	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	123936	41.6	
* 66 Fluorobenzene	96	4.701	4.695	0.006	99	524244	50.0	
69 Methylcyclohexane	83	5.152	5.146	0.006	94	95223	16.9	
* 72 1,4-Dioxane-d8	96	5.378	5.378	0.000	0	22193	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.299	6.299	-0.001	99	464788	47.1	
84 Toluene	91	6.372	6.372	0.000	94	79939	4.62	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	368037	50.0	
96 Ethylbenzene	106	8.182	8.182	0.000	97	454307	74.9	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	1261203	172.4	
99 o-Xylene	106	8.859	8.853	0.006	95	98053	12.5	
104 Isopropylbenzene	105	9.322	9.322	0.000	95	150190	7.85	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	158703	54.8	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	219780	50.0	
S 137 Xylenes, Total	100				0		184.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D
 Lims ID: 460-268448-C-2
 Client ID: CVW-MW-2
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:46:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-268448-C-2
 Misc. Info.: 460-0152569-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:05:30 Calib Date: 15-Oct-2022 04:30:30
 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 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611
 First Level Reviewer: FK2C Date: 01-Nov-2022 12:33:15

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
78-78-4	Butane, 2-methyl-							
1.824	1387362	52.0	66	91	700	C5H12	72	
107-83-5	Pentane, 2-methyl-							
2.622	1639105	61.5	66	91	1798	C6H14	86	
620-14-4	Benzene, 1-ethyl-3-methyl-							
9.914	1042488	45.7	121	95	9128	C9H12	120	I
622-96-8	Benzene, 1-ethyl-4-methyl-							
9.932	1132420	49.6	121	94	9129	C9H12	120	I
611-14-3	Benzene, 1-ethyl-2-methyl-							
10.218	1043516	45.7	121	95	9130	C9H12	120	I
95-63-6	Benzene, 1,2,4-trimethyl-							
10.395	5677152	248.8	121	95	9124	C9H12	120	I
526-73-8	Benzene, 1,2,3-trimethyl-							
10.804	1071746	47.0	121	95	9123	C9H12	120	
	Unknown							
10.981	1164579	51.0	121					
1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-							
11.072	1260281	55.2	121	94	14378	C10H14	134	
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-							
11.395	1094421	48.0	121	97	14366	C10H14	134	

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	4.701	1333411	50.0
* 121 1,4-Dichlorobenzene-d4	10.755	1140833	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

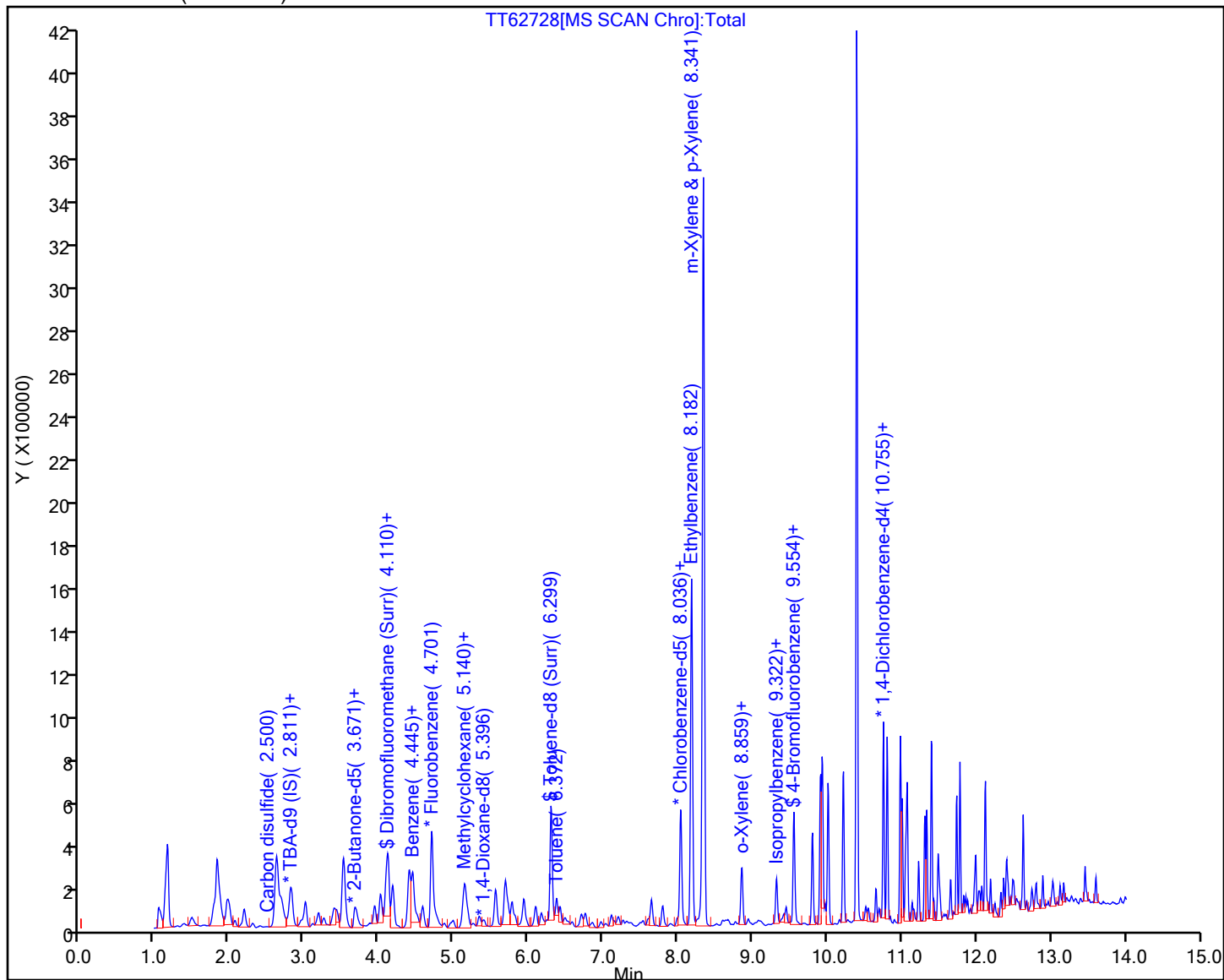
Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D
 Lims ID: 460-268448-C-2
 Client ID: CVW-MW-2
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:46:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-268448-C-2
 Misc. Info.: 460-0152569-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:05:30 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:33:15

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	48.6	97.26
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	41.6	83.14
\$ 83 Toluene-d8 (Surr)	50.0	47.1	94.15
\$ 105 4-Bromofluorobenzene	50.0	54.8	109.52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

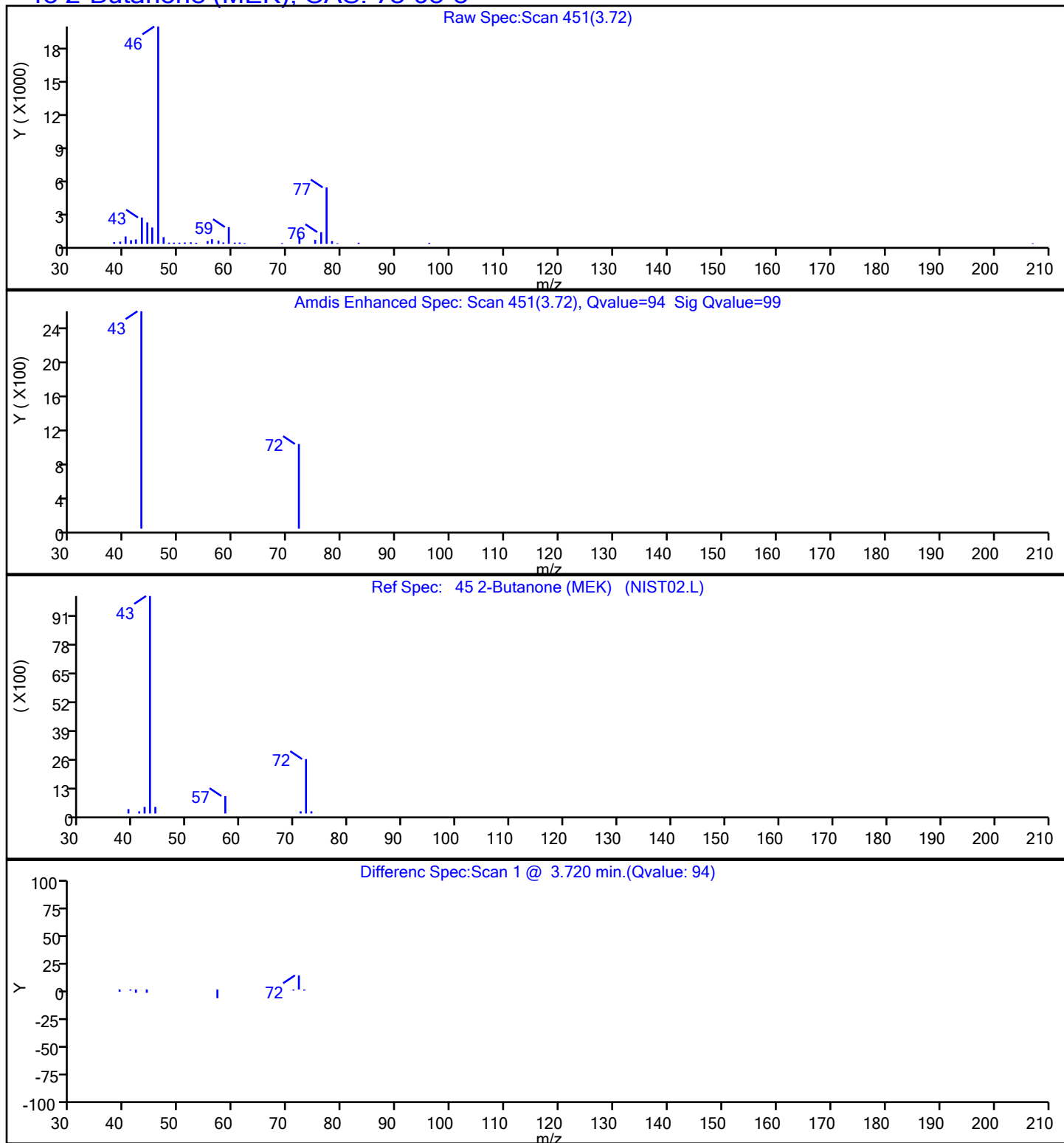
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

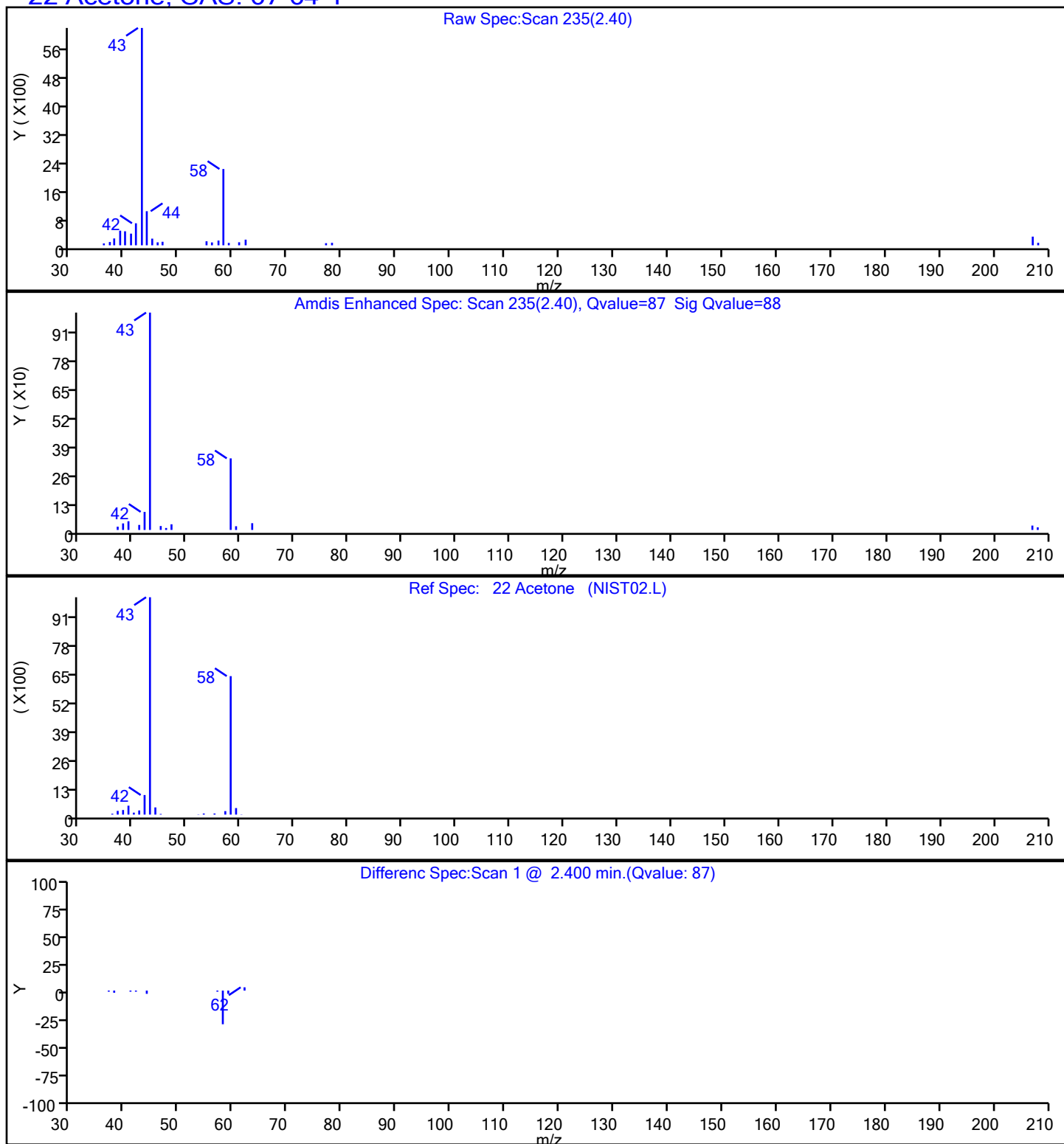
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

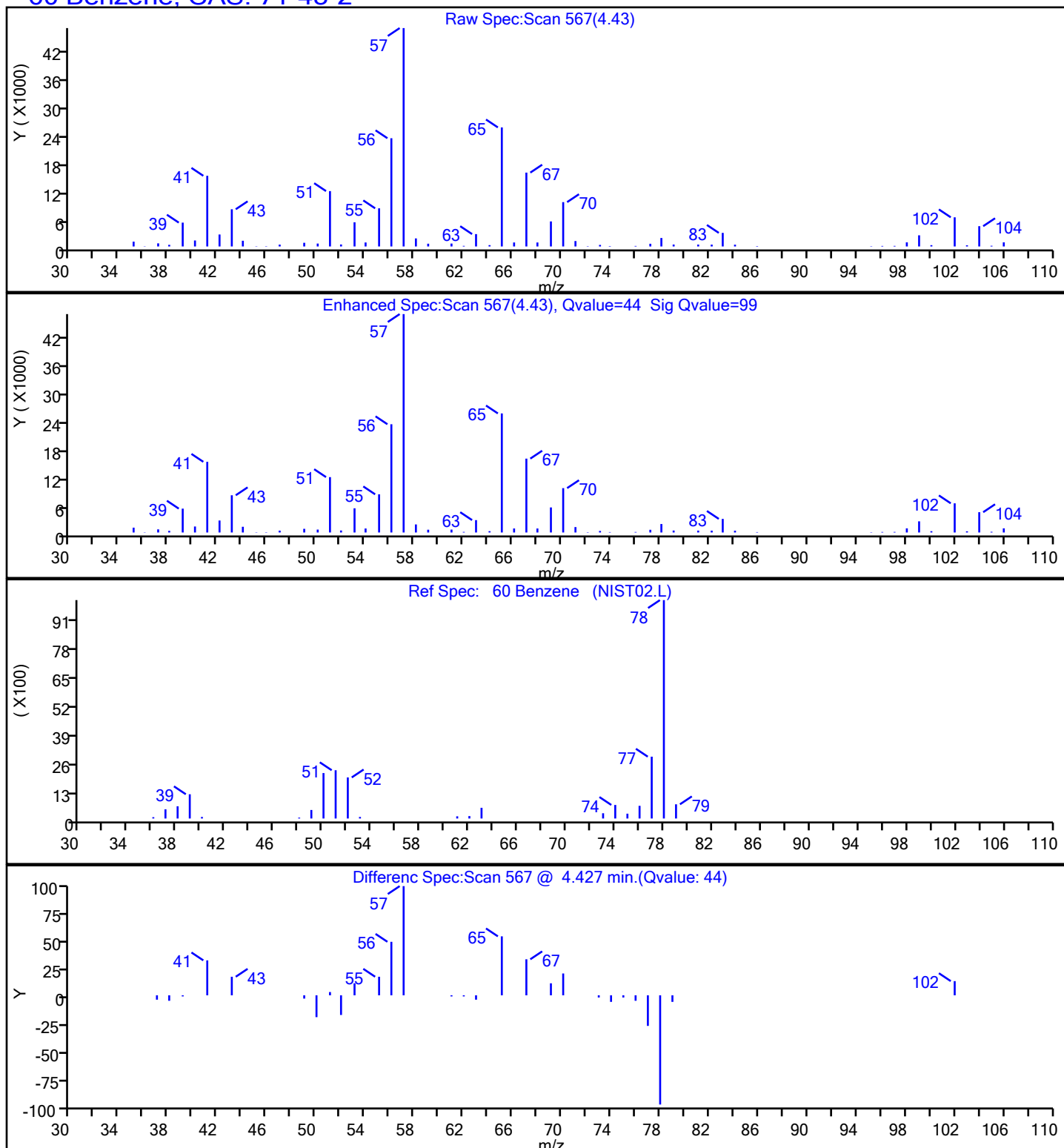
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

60 Benzene, CAS: 71-43-2



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

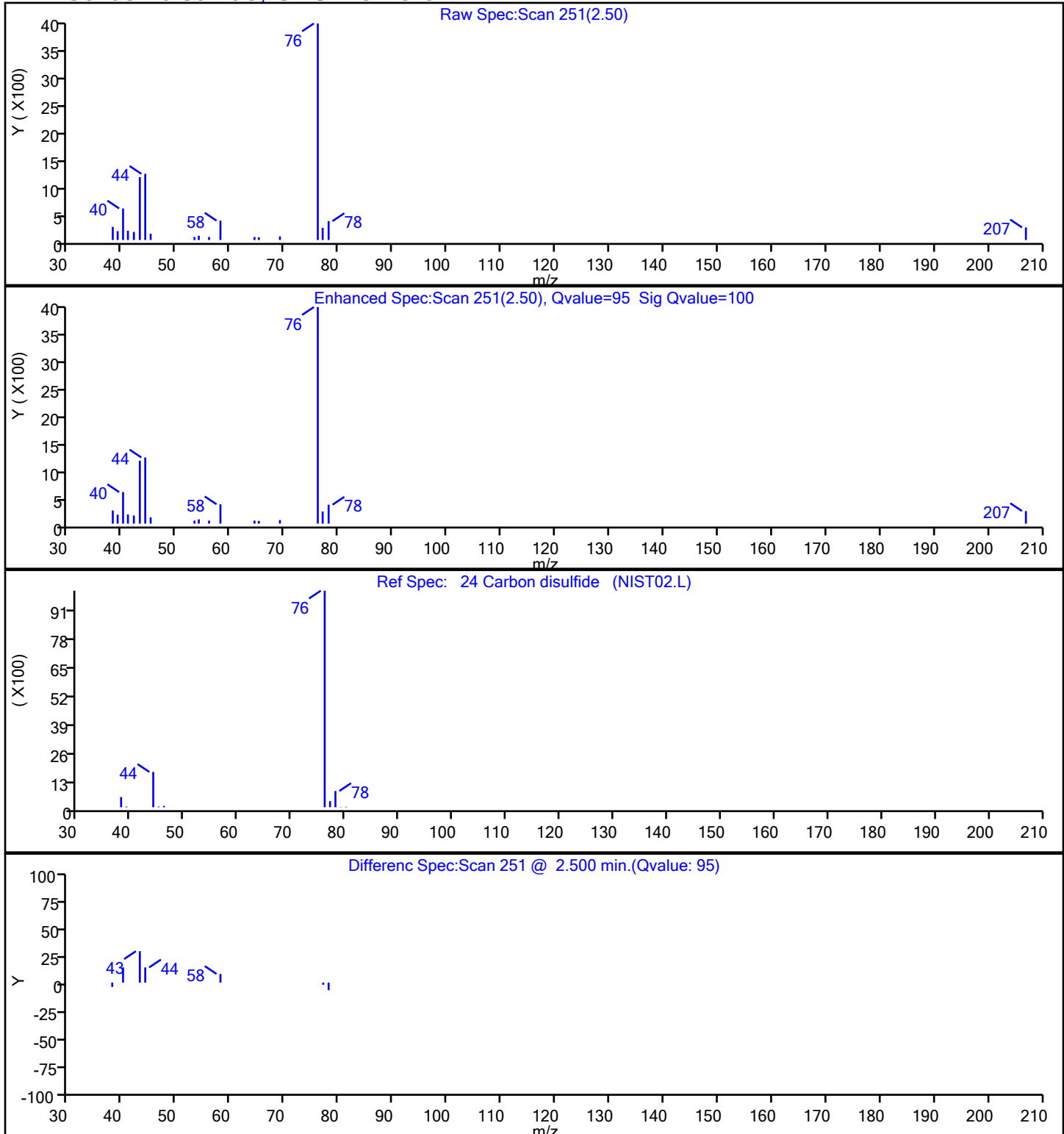
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

24 Carbon disulfide, CAS: 75-15-0

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

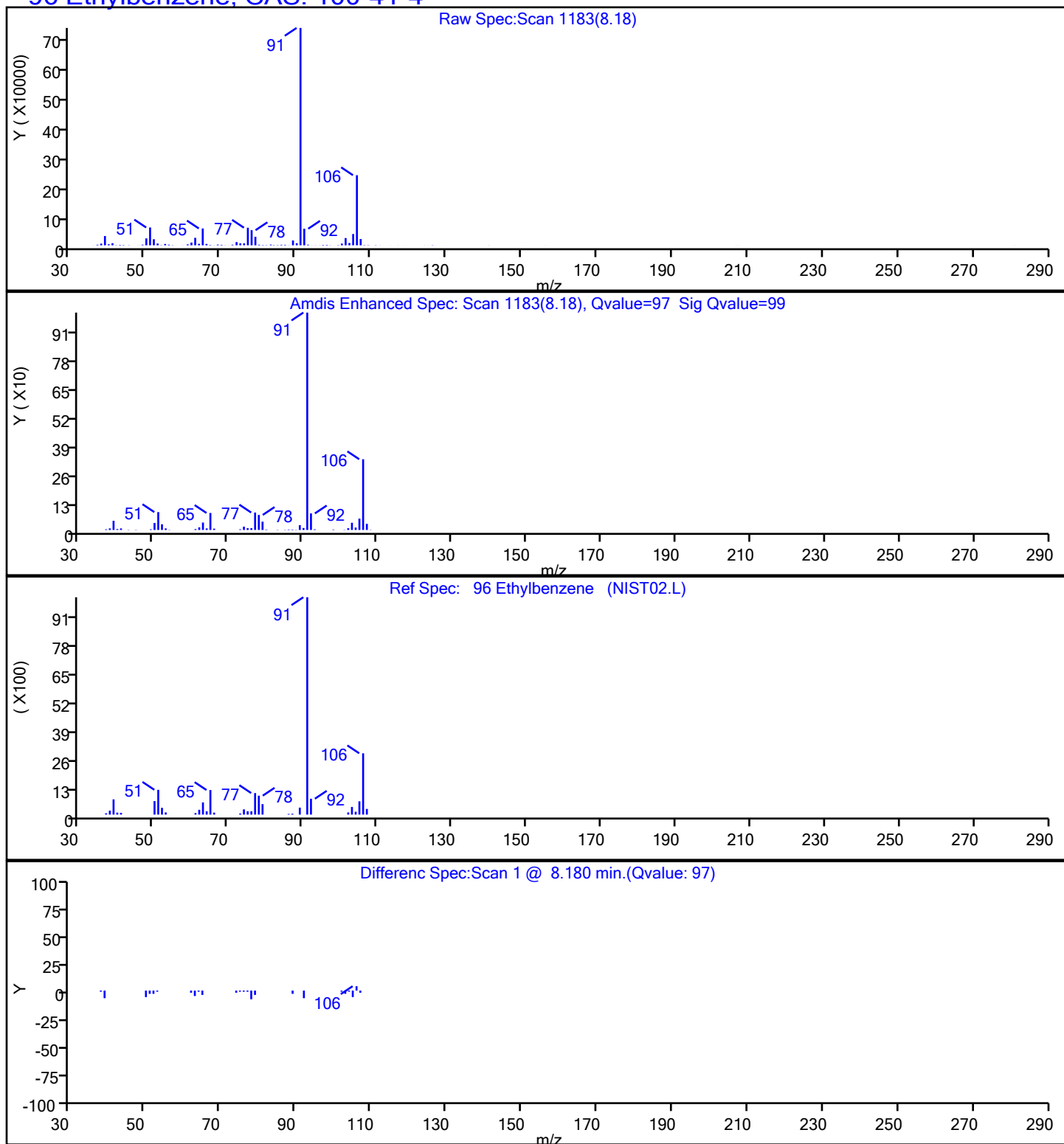
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

96 Ethylbenzene, CAS: 100-41-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

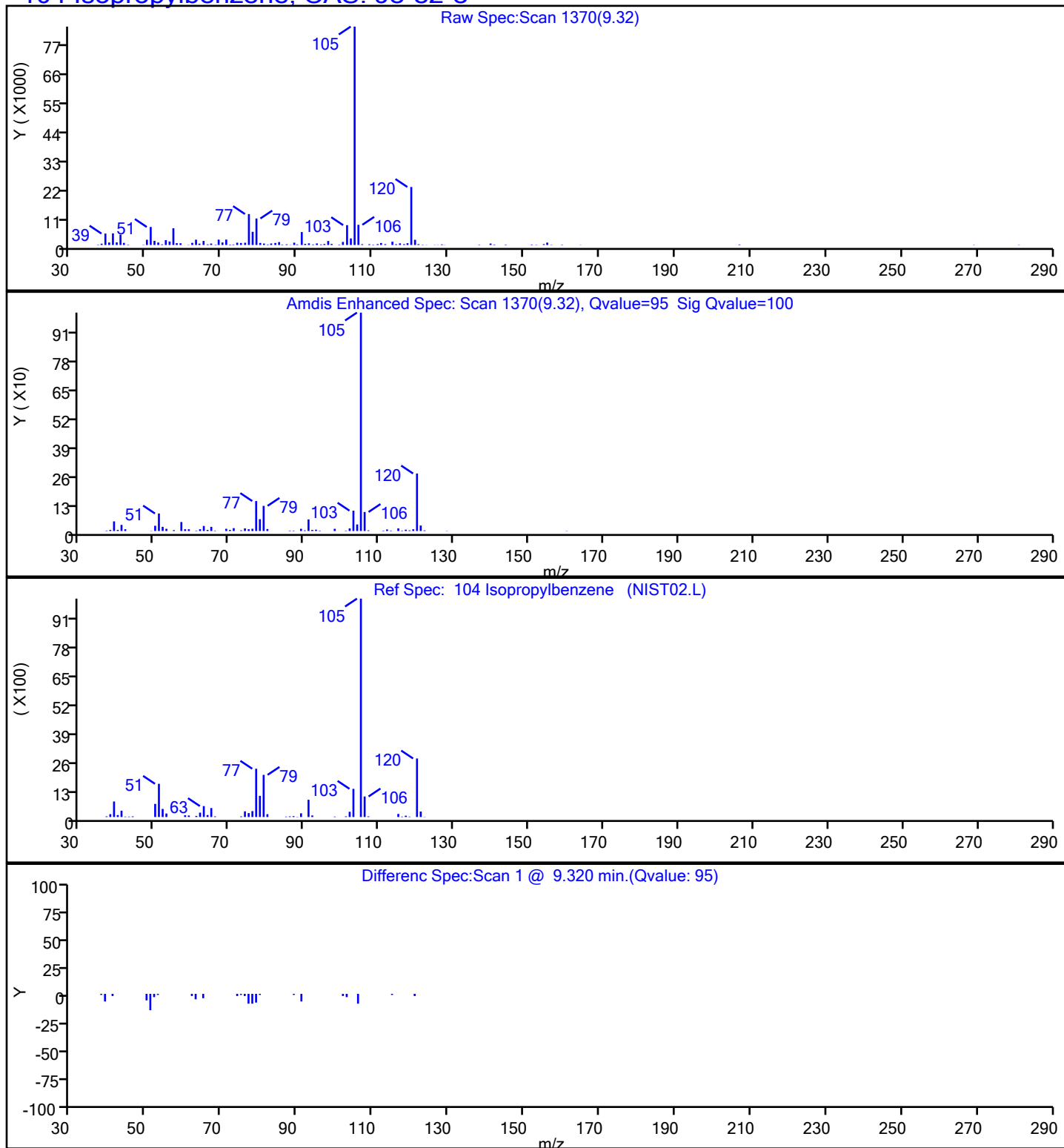
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

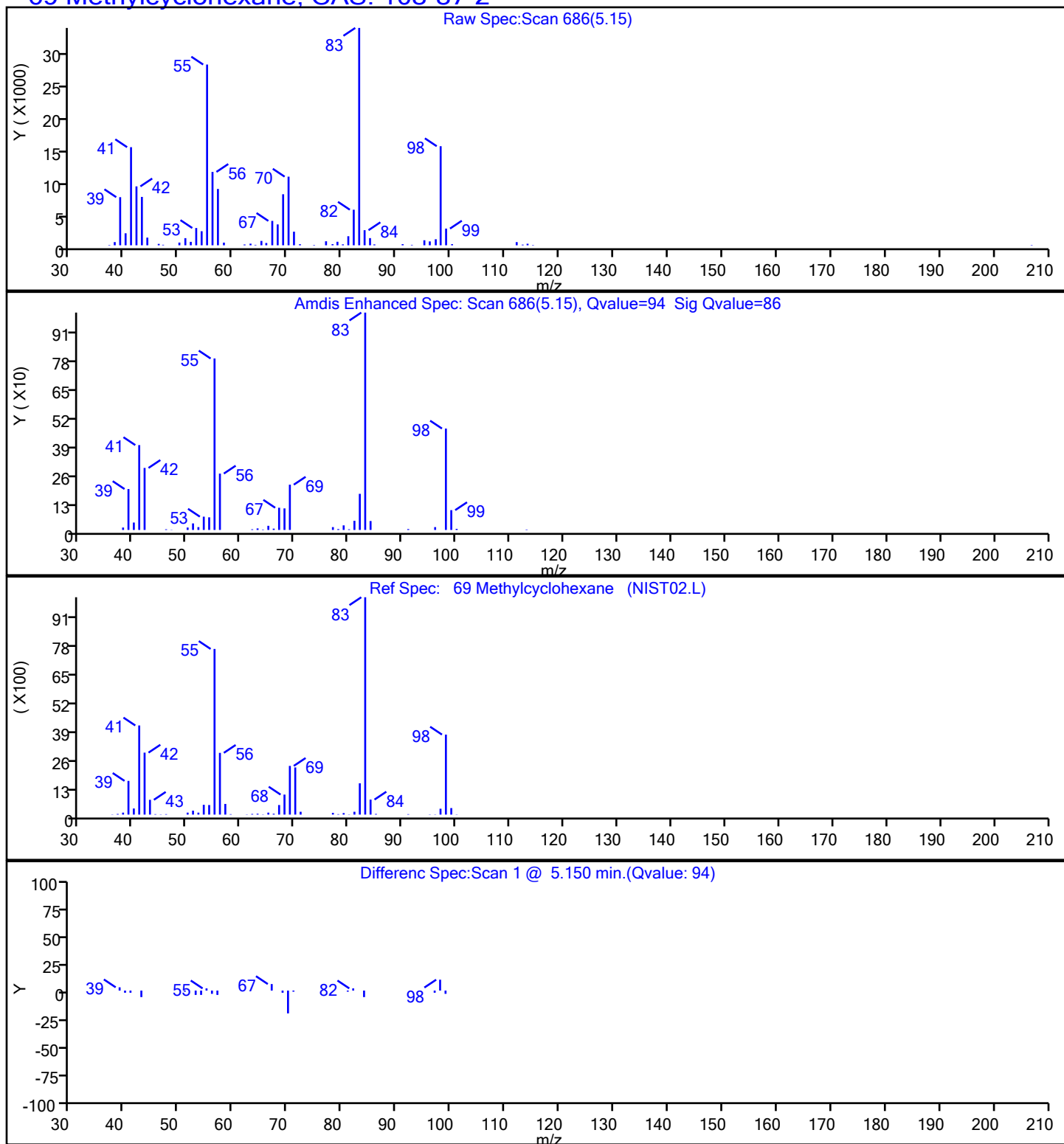
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

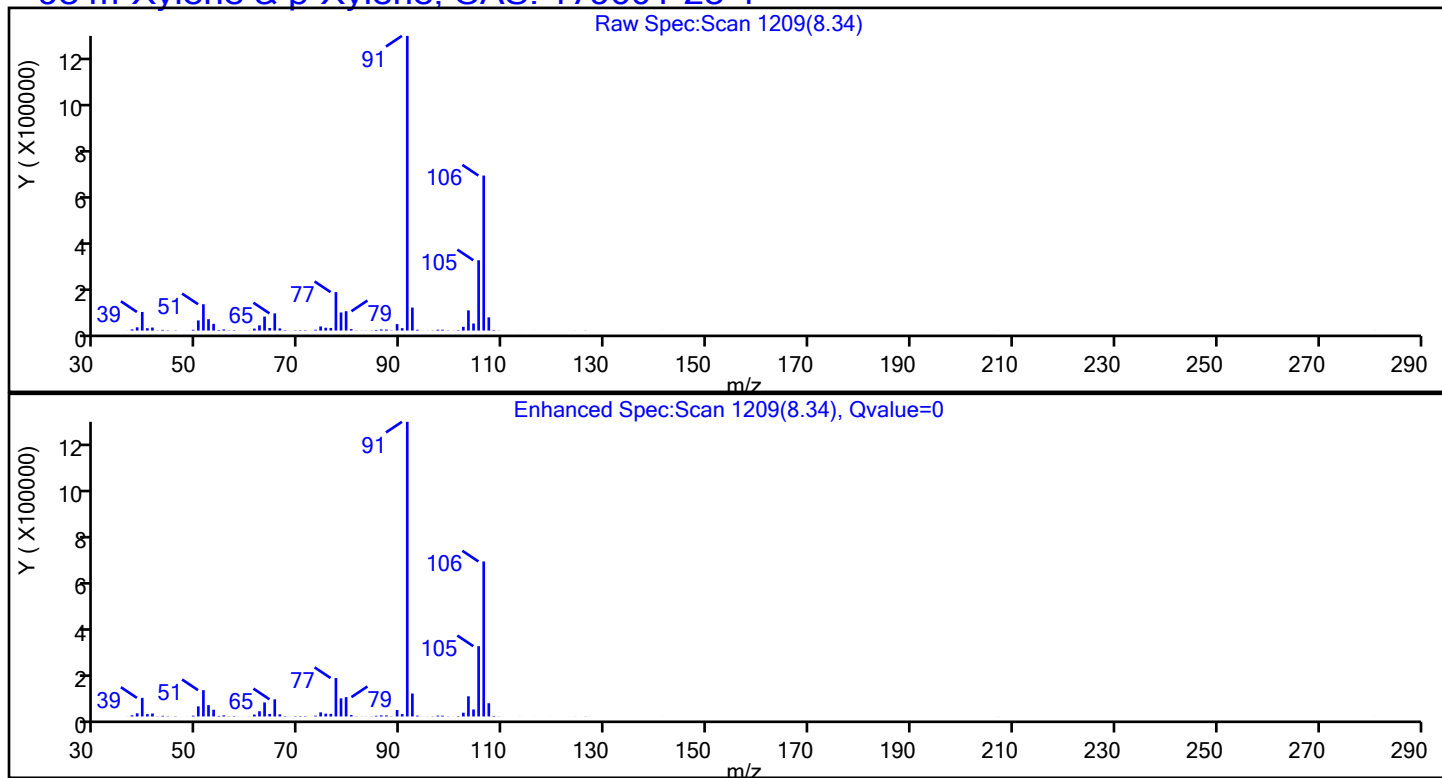
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

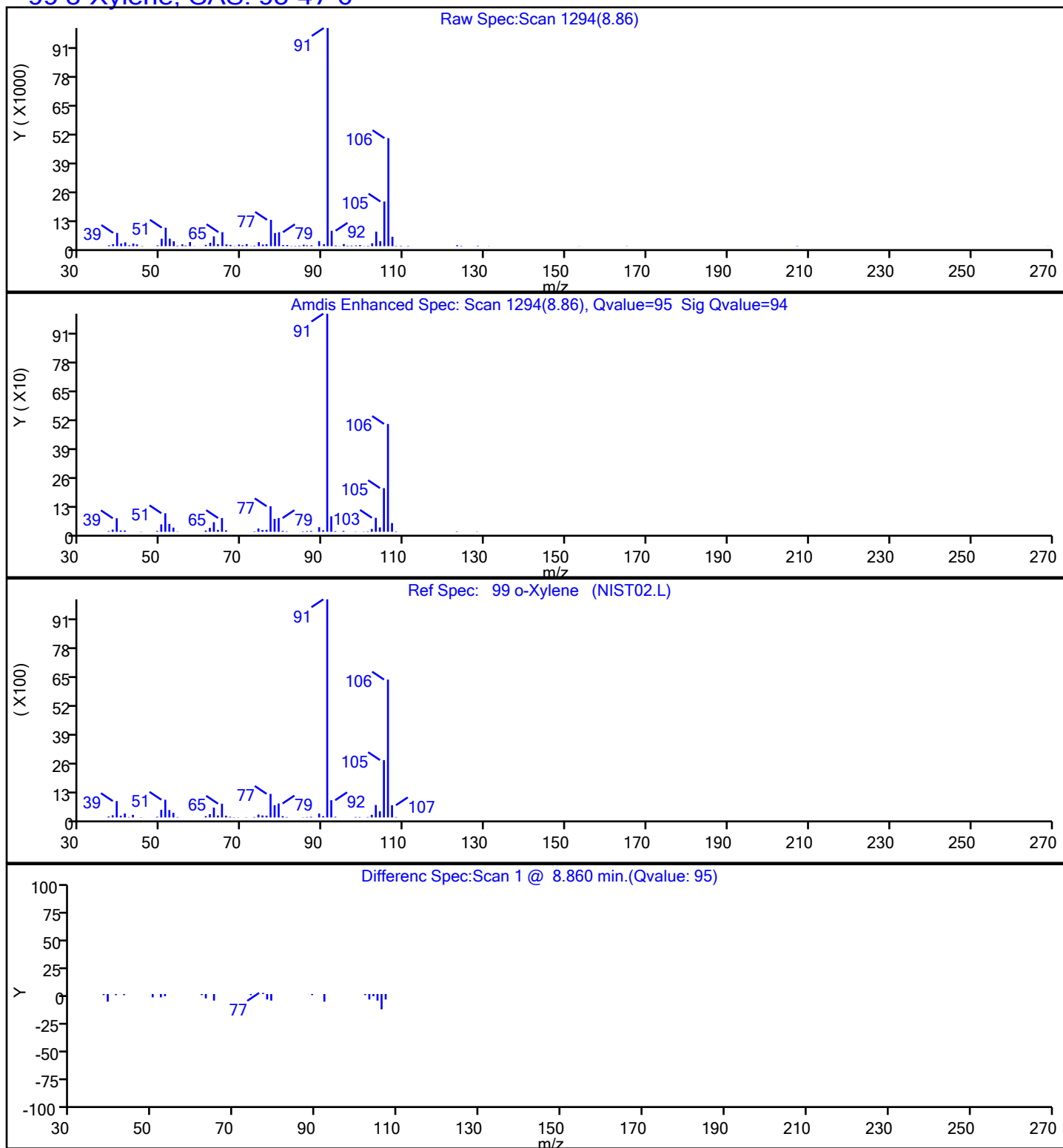
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

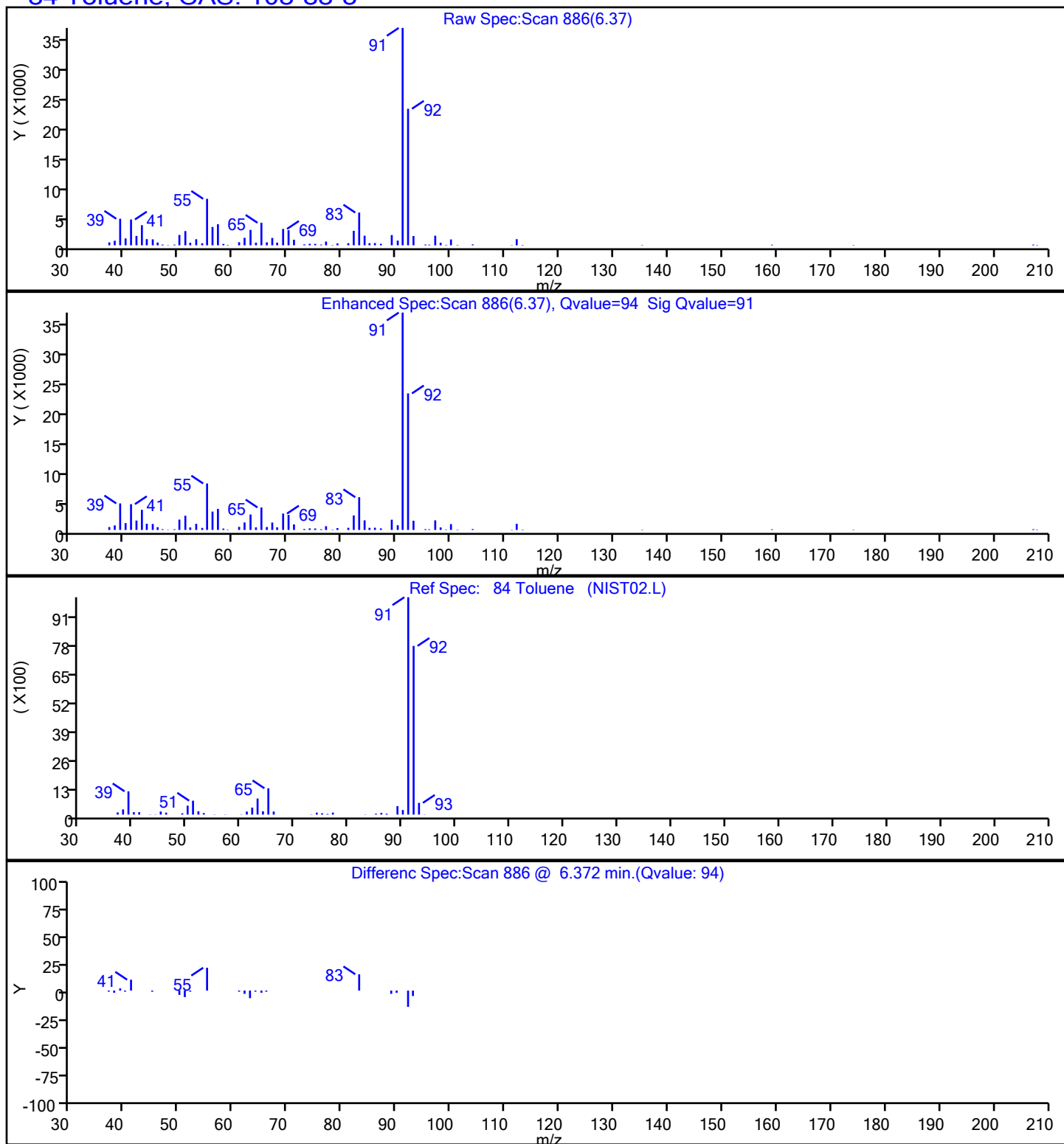
Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

84 Toluene, CAS: 108-88-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

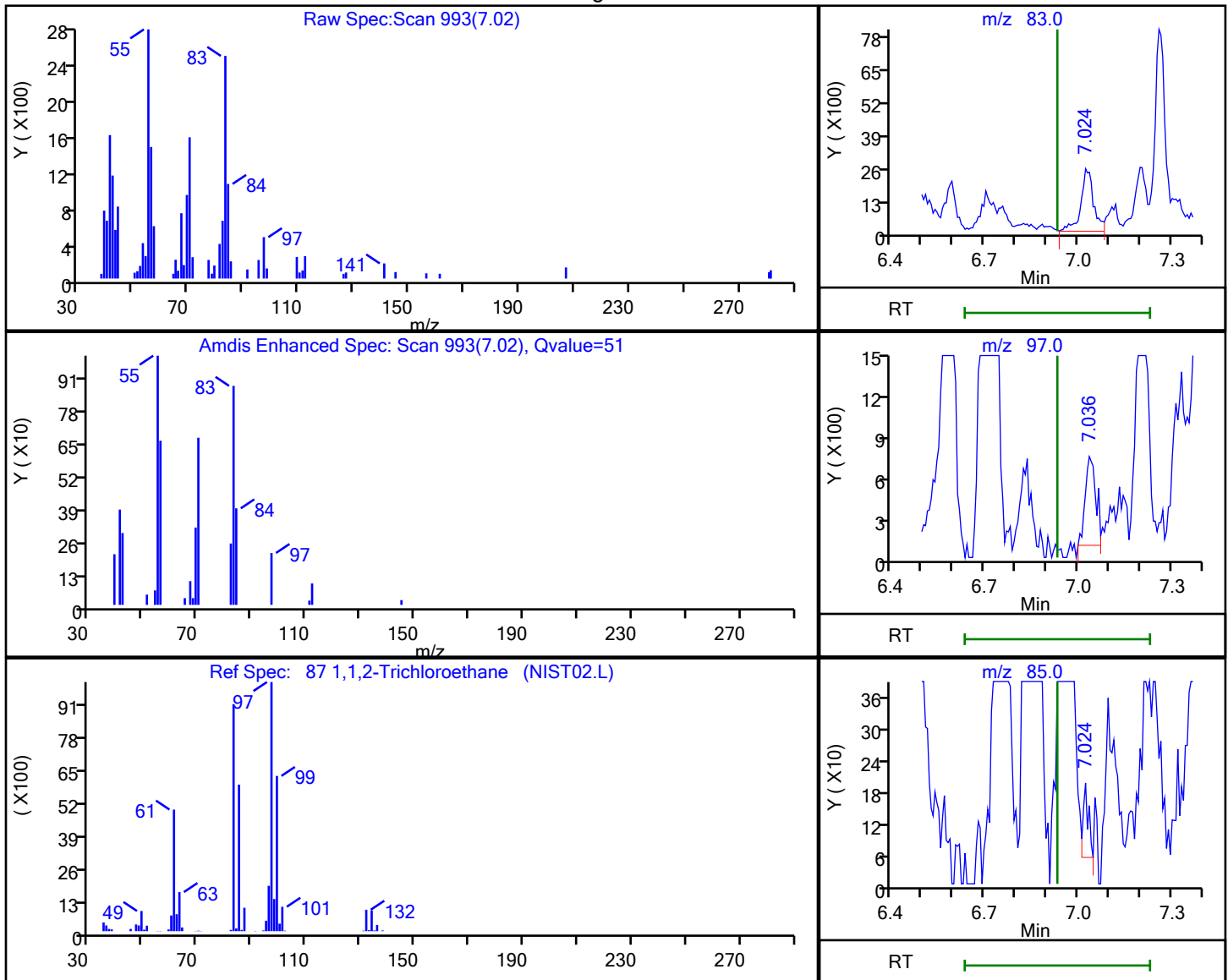
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.02	83.00	7104	2.229439
7.04	97.00	1503	
7.02	85.00	165	

Reviewer: FK2C, 01-Nov-2022 12:32:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

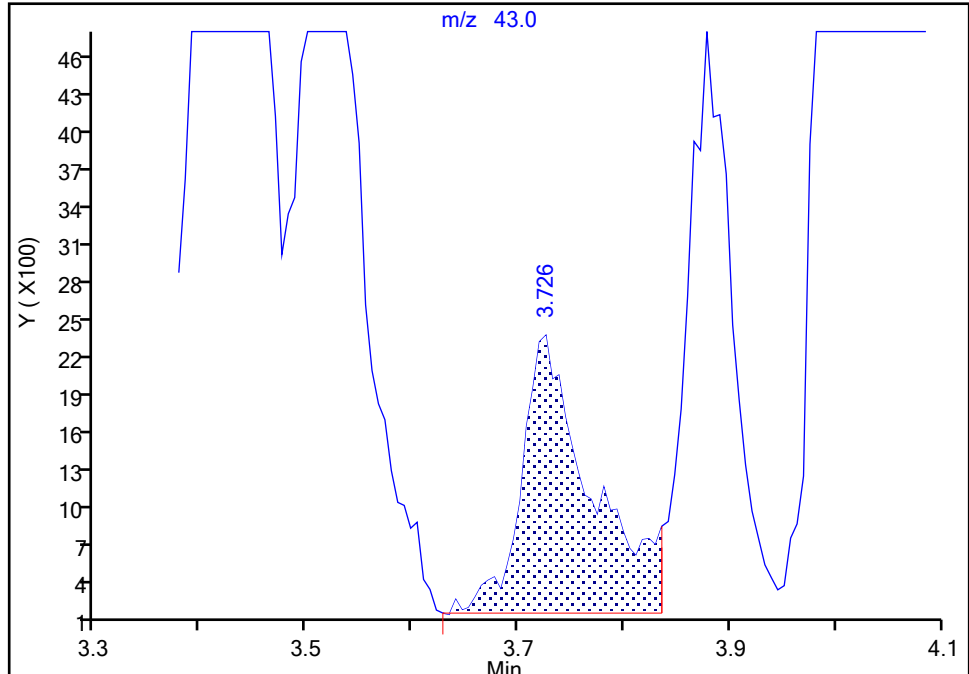
Detector: MS Quad

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

Signal: 2

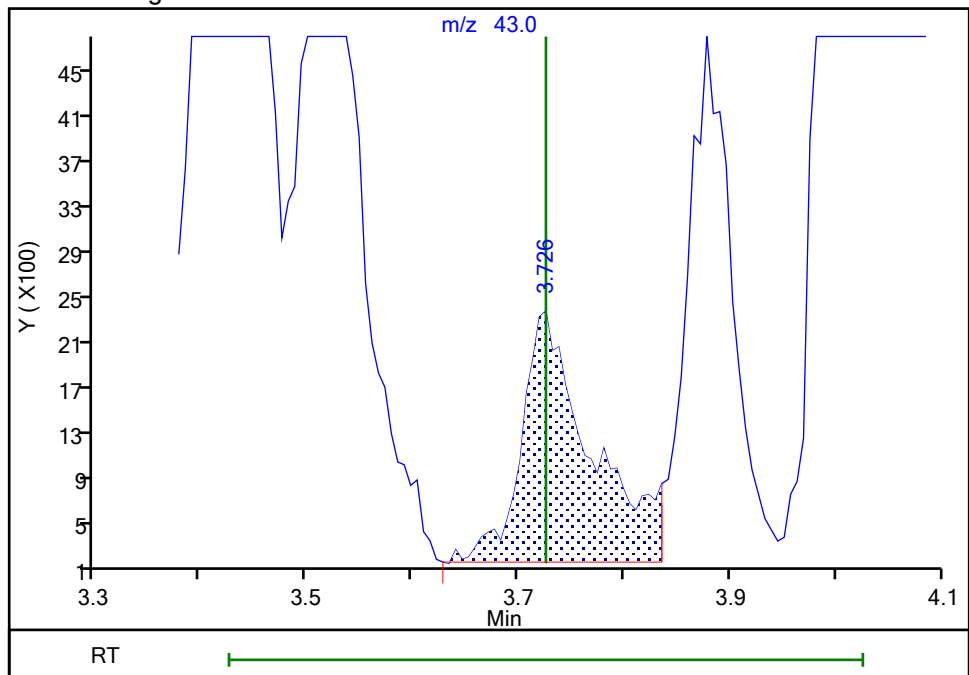
RT: 3.73
Area: 10107
Amount: 6.286672
Amount Units: ug/l

Processing Integration Results



RT: 3.73
Area: 10107
Amount: 6.286672
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 12:32:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

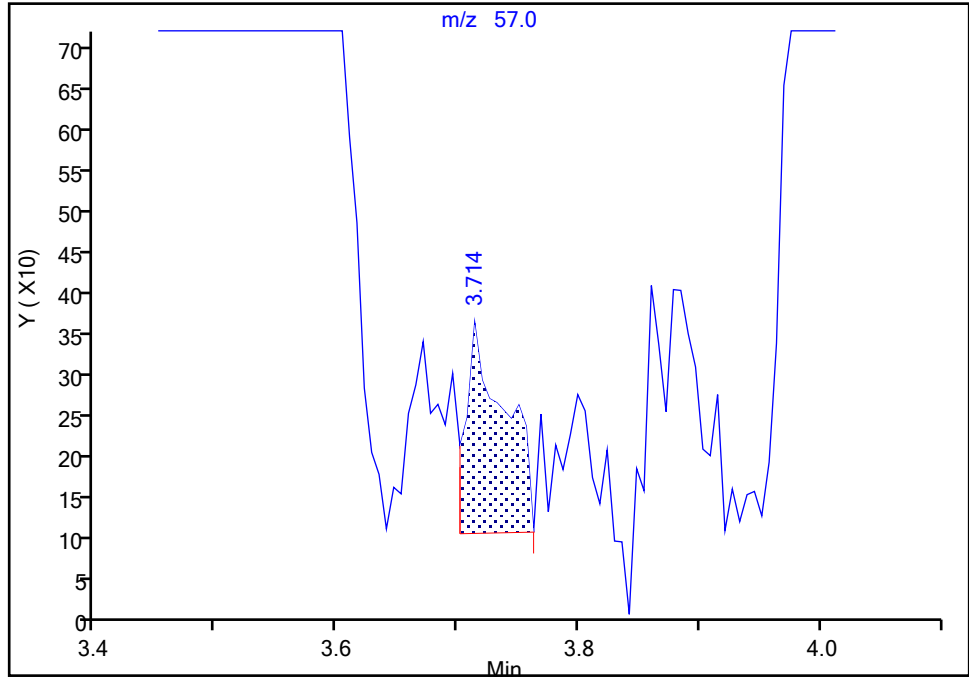
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D
Injection Date: 01-Nov-2022 10:46:30 Instrument ID: CVOAMS17
Lims ID: 460-268448-C-2 Lab Sample ID: 460-268448-2
Client ID: CVW-MW-2
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

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

Signal: 3

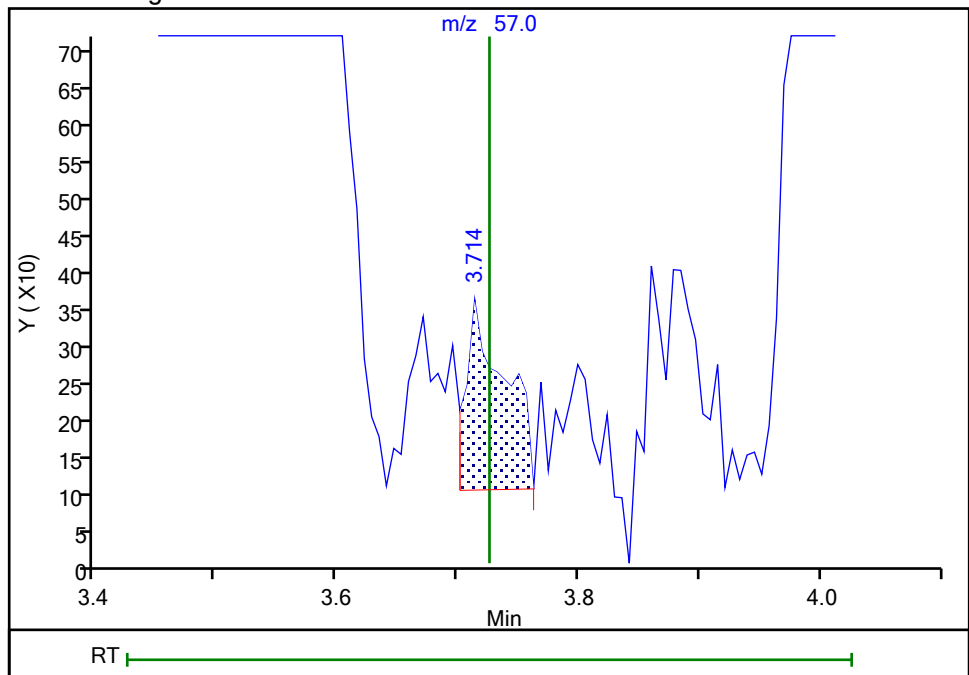
RT: 3.71
Area: 585
Amount: 6.286672
Amount Units: ug/l

Processing Integration Results



RT: 3.71
Area: 585
Amount: 6.286672
Amount Units: ug/l

Manual Integration Results



Eurofins Edison

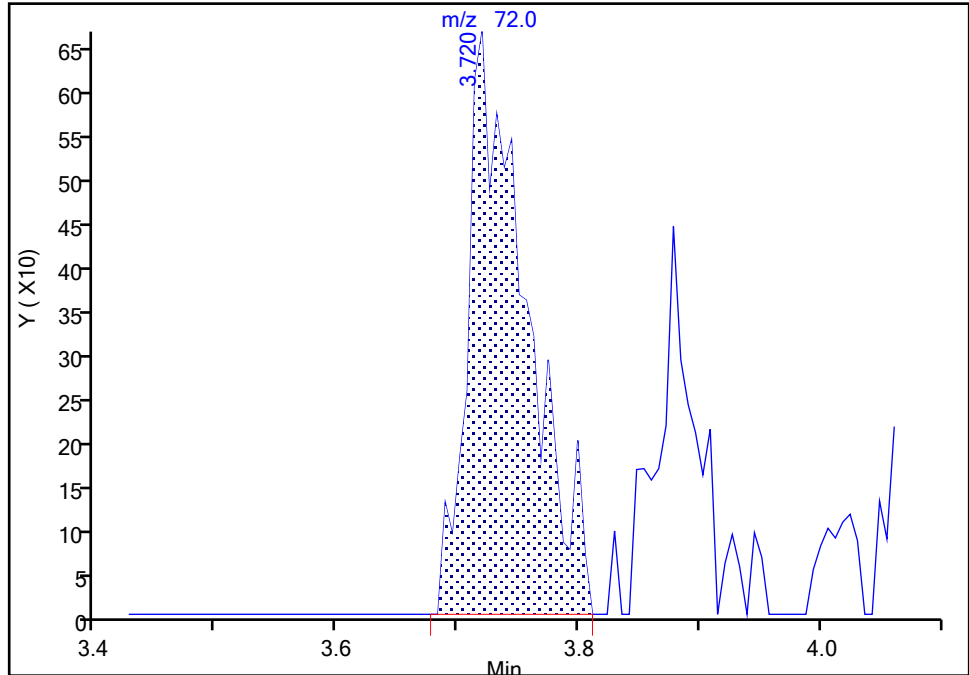
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D		
Injection Date:	01-Nov-2022 10:46:30	Instrument ID:	CVOAMS17
Lims ID:	460-268448-C-2	Lab Sample ID:	460-268448-2
Client ID:	CVW-MW-2		
Operator ID:		ALS Bottle#:	13
Purge Vol:	5.000 mL	Dil. Factor:	5.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	14

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

Signal: 1

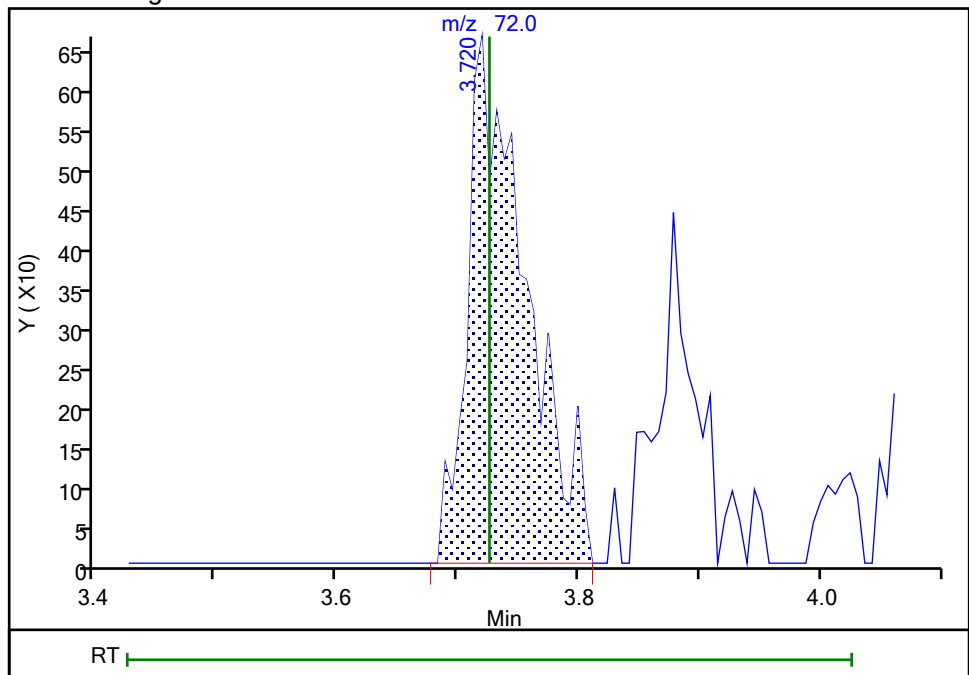
RT: 3.72
Area: 2239
Amount: 6.286672
Amount Units: ug/l

Processing Integration Results



RT: 3.72
Area: 2239
Amount: 6.286672
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 02-Nov-2022 22:03:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

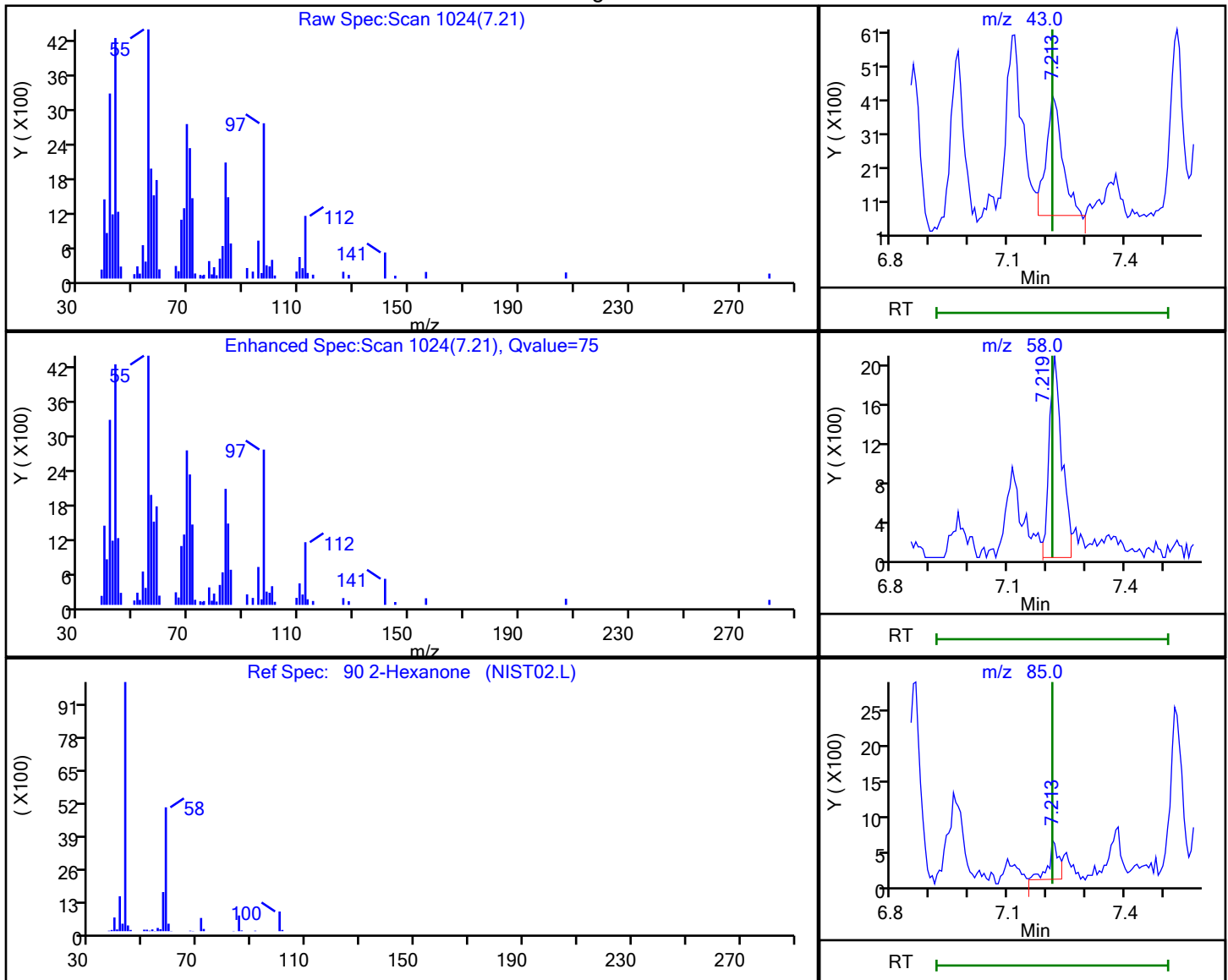
Column: DB-624 (0.18 mm)

Detector

MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.21	43.00	10403	5.207098
7.22	58.00	4701	
7.21	85.00	1015	
7.22	100.00	1153	

Reviewer: FK2C, 01-Nov-2022 12:32:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

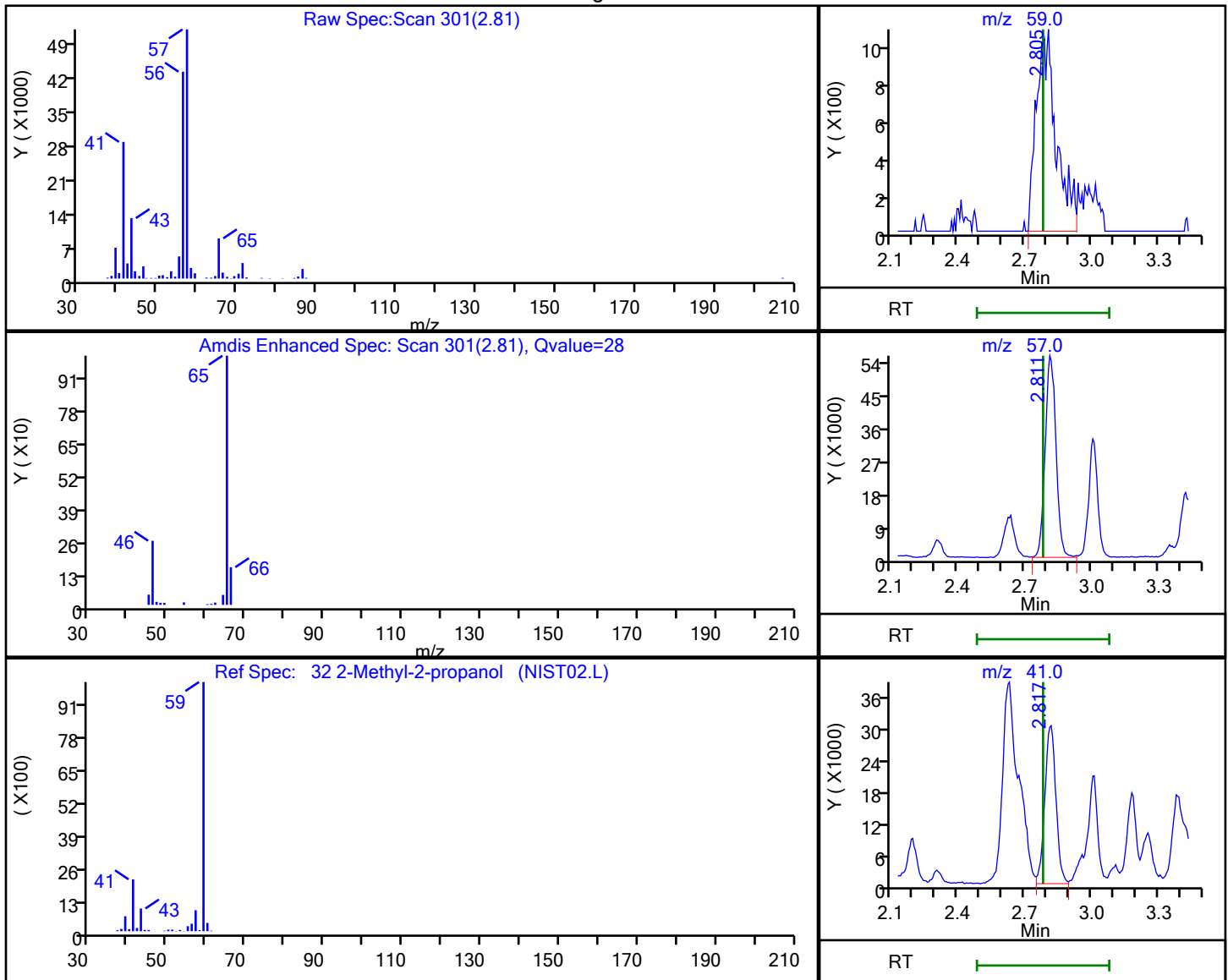
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.81	59.00	6777	18.872359
2.81	57.00	188633	
2.82	41.00	104479	

Reviewer: W9CM, 03-Nov-2022 07:01:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

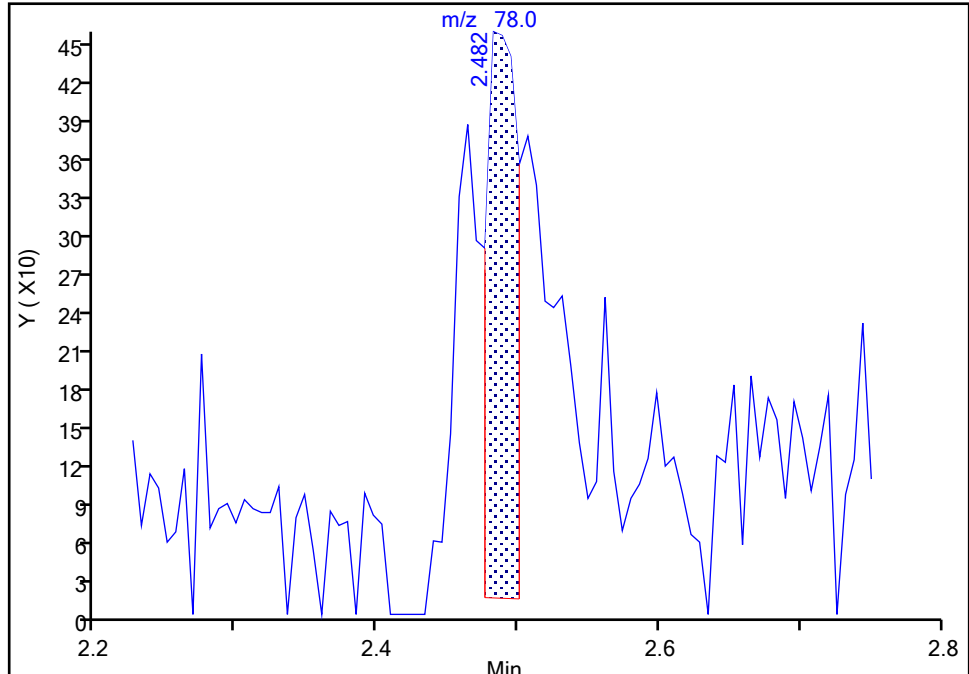
Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 2

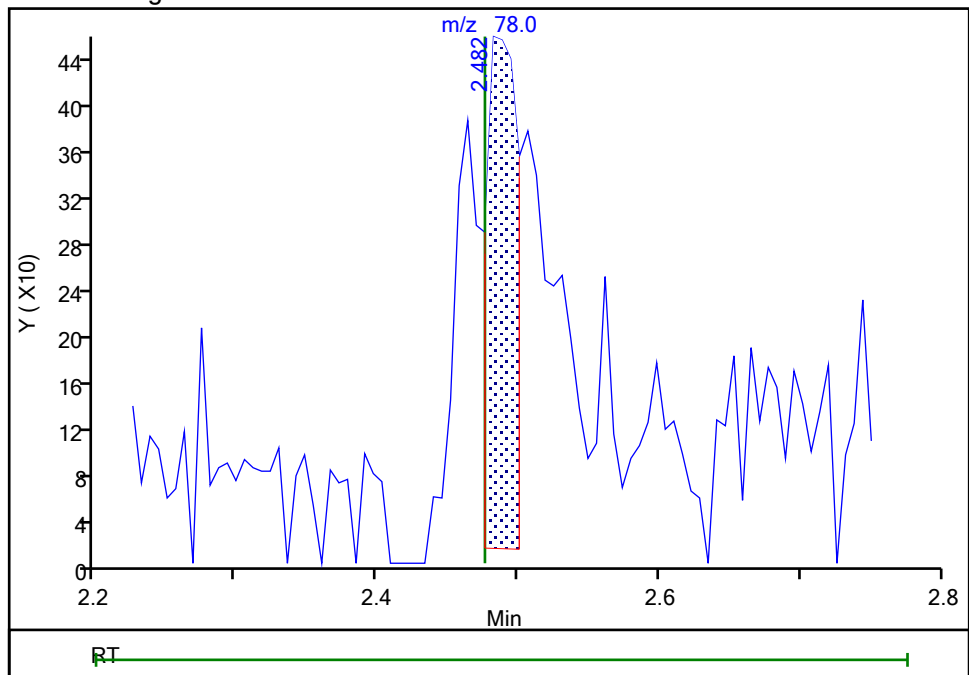
RT: 2.48
Area: 697
Amount: 0.500109
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 697
Amount: 1.090667
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 12:31:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

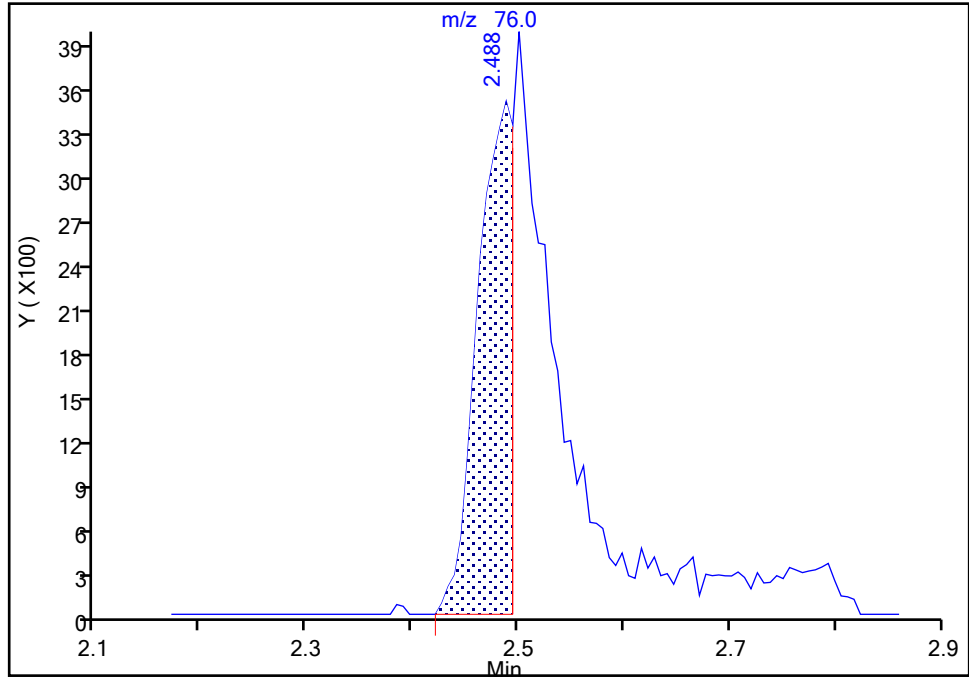
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D
Injection Date: 01-Nov-2022 10:46:30 Instrument ID: CVOAMS17
Lims ID: 460-268448-C-2 Lab Sample ID: 460-268448-2
Client ID: CVW-MW-2
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 5.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

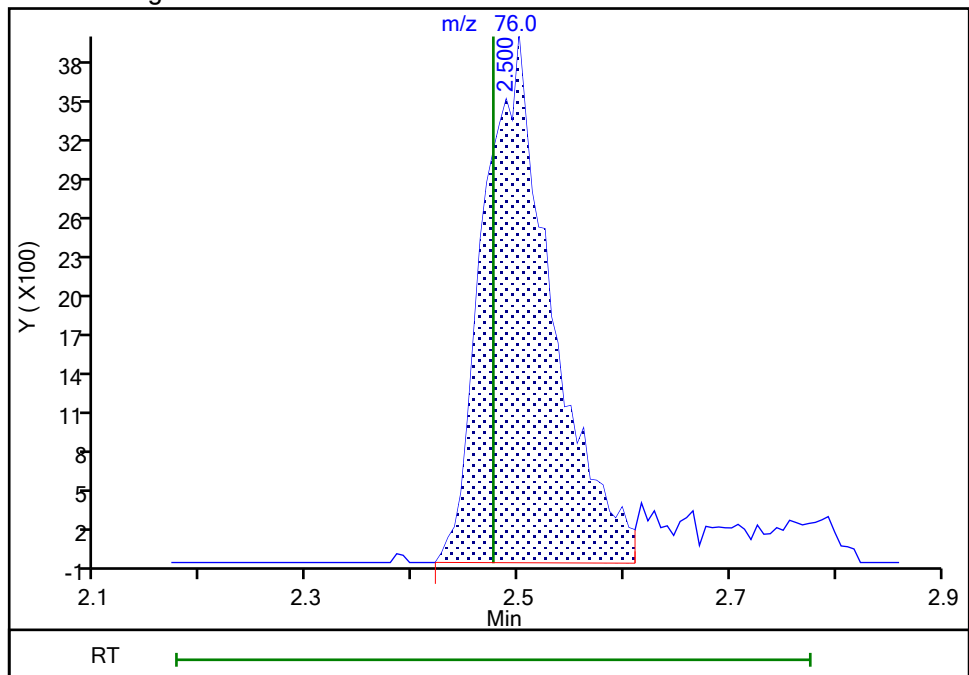
RT: 2.49
Area: 8266
Amount: 0.500109
Amount Units: ug/l

Processing Integration Results



RT: 2.50
Area: 18027
Amount: 1.090667
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 03-Nov-2022 07:05:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

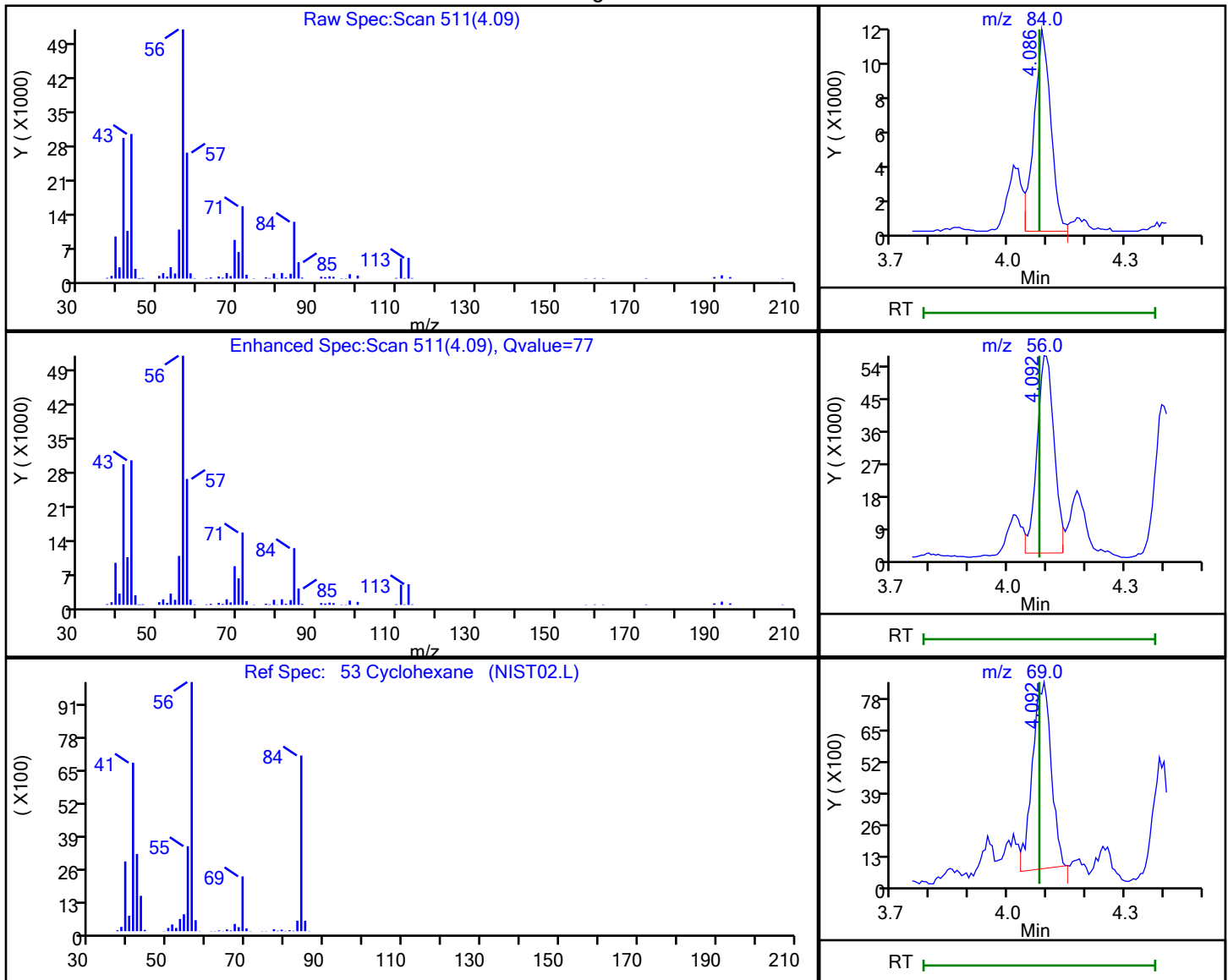
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.09	84.00	34666	6.672405
4.09	56.00	170884	
4.09	69.00	26260	

Reviewer: W9CM, 02-Nov-2022 22:08:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

Method: 8260W_17

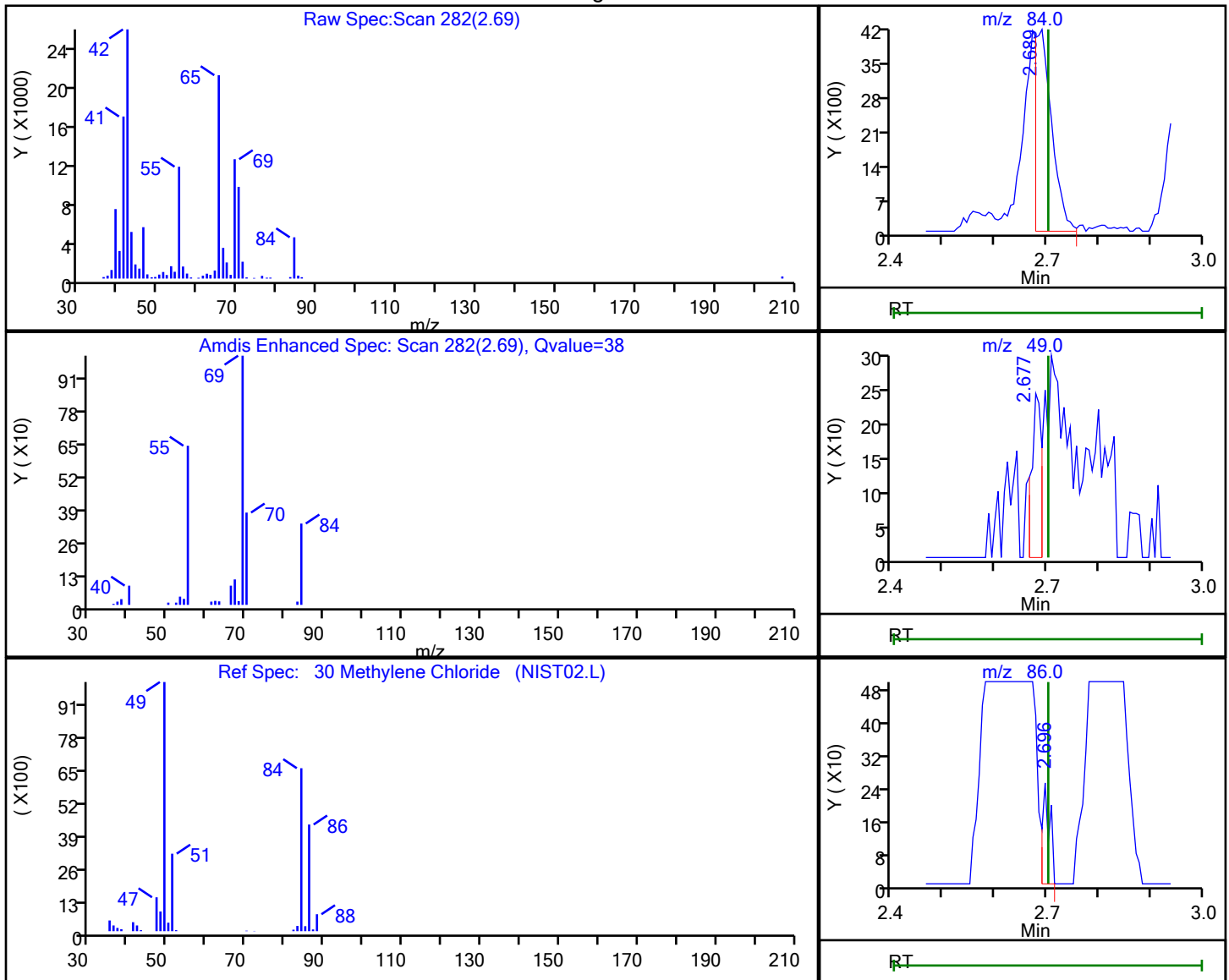
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.69	84.00	9317	1.865644
2.68	49.00	318	
2.70	86.00	249	

Reviewer: FK2C, 01-Nov-2022 12:32:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

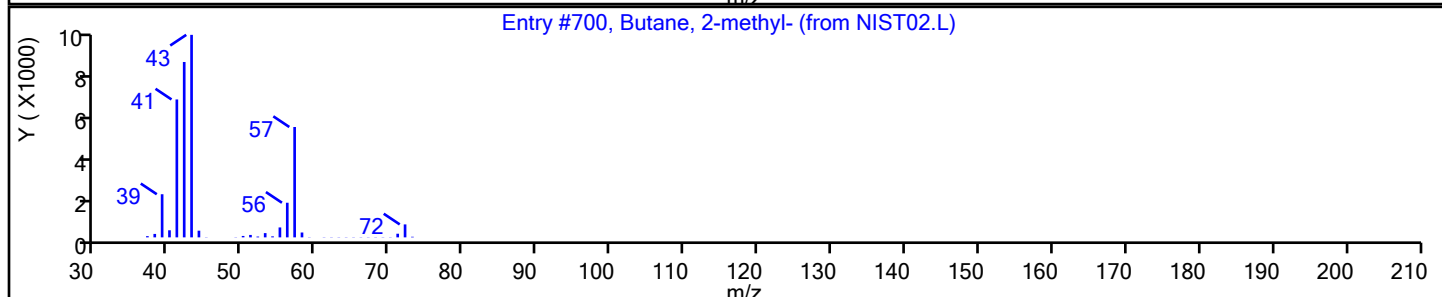
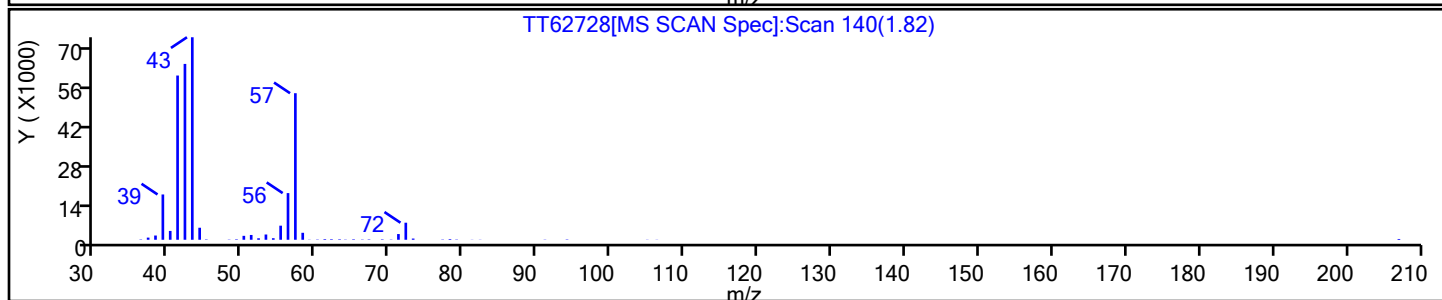
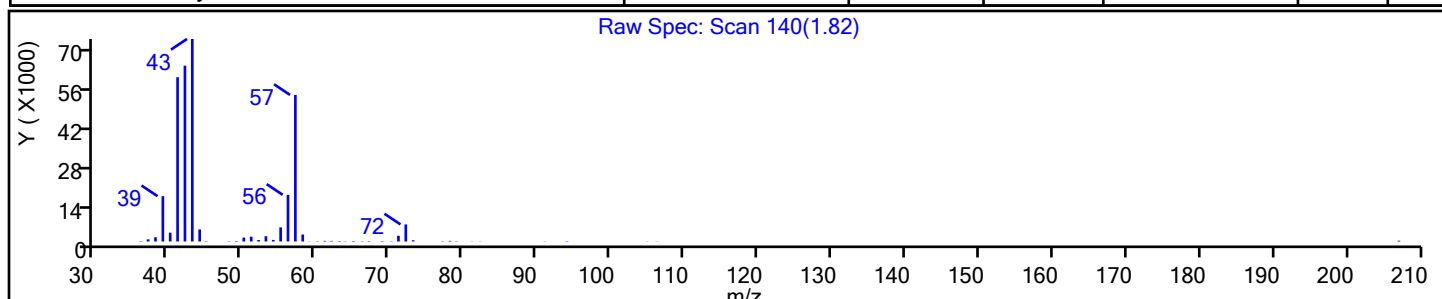
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02.L	700	C5H12	72	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

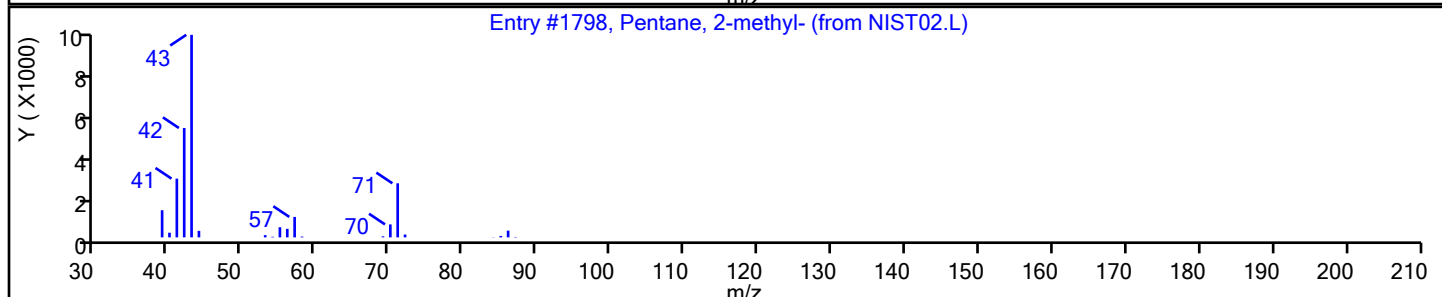
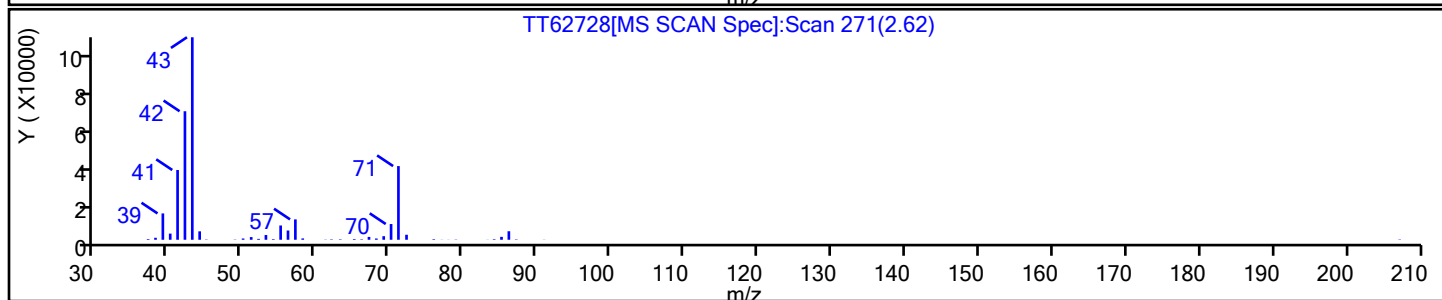
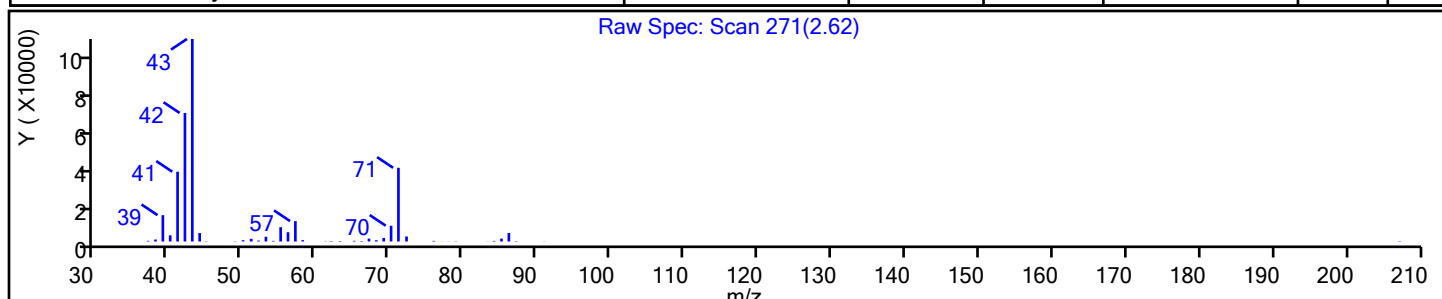
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2-methyl-	107-83-5	NIST02.L	1798	C6H14	86	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

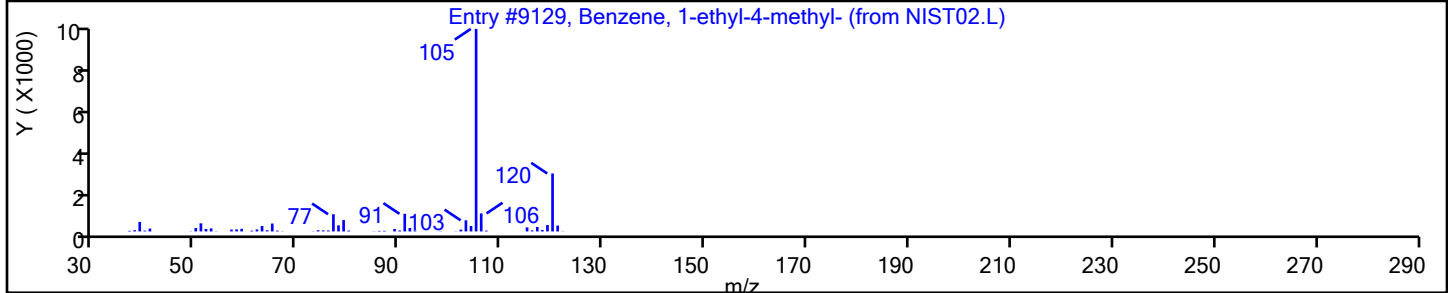
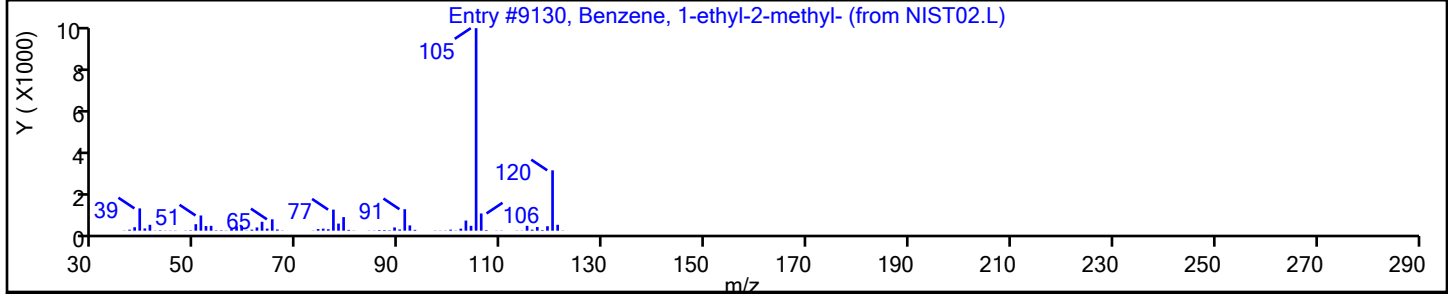
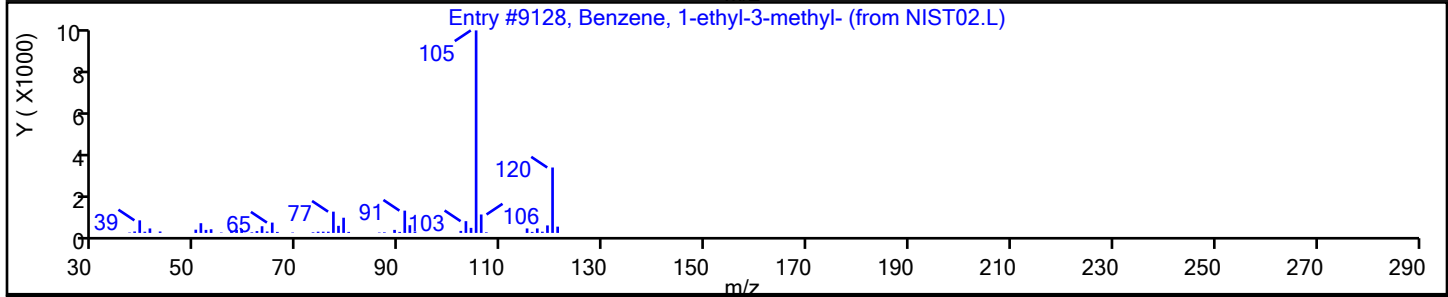
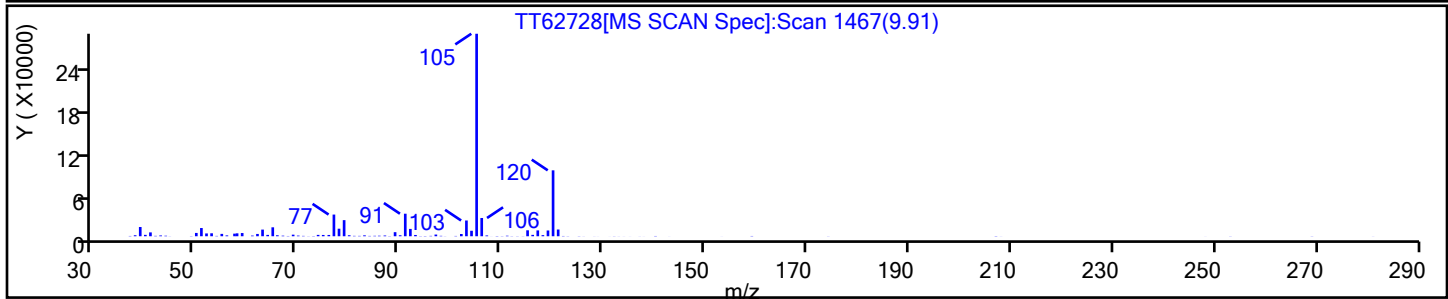
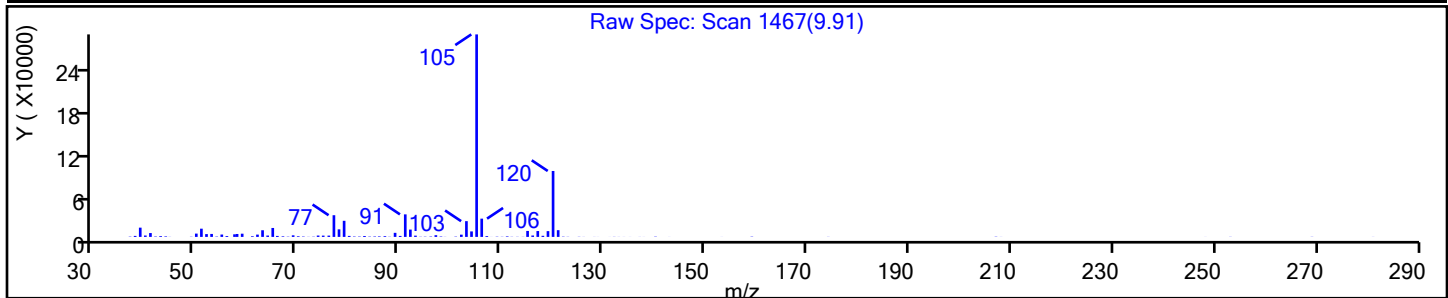
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.L	9128	C9H12	120	95
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	95
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9129	C9H12	120	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

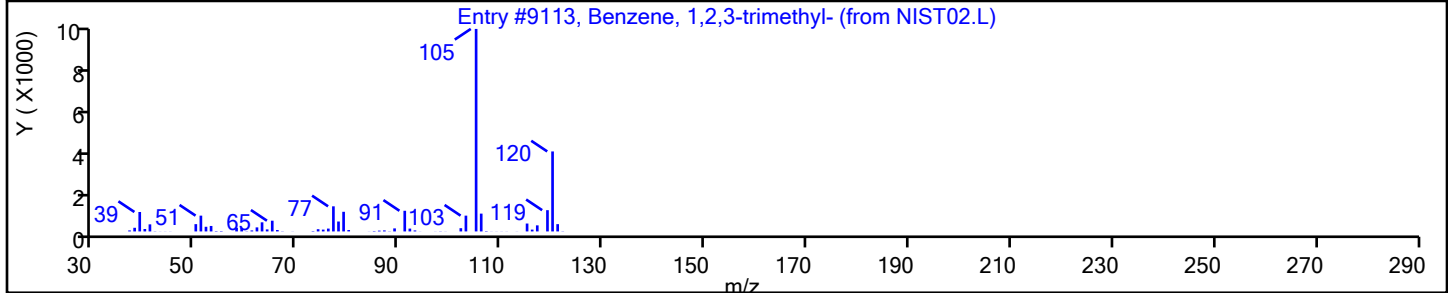
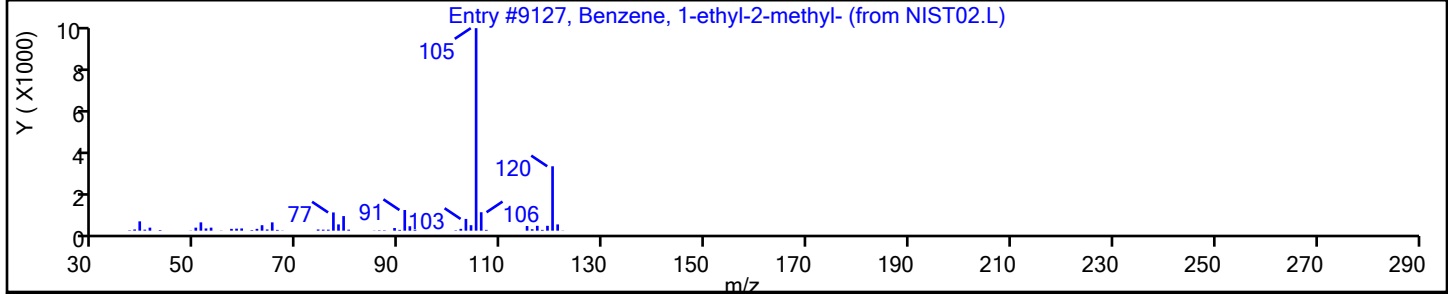
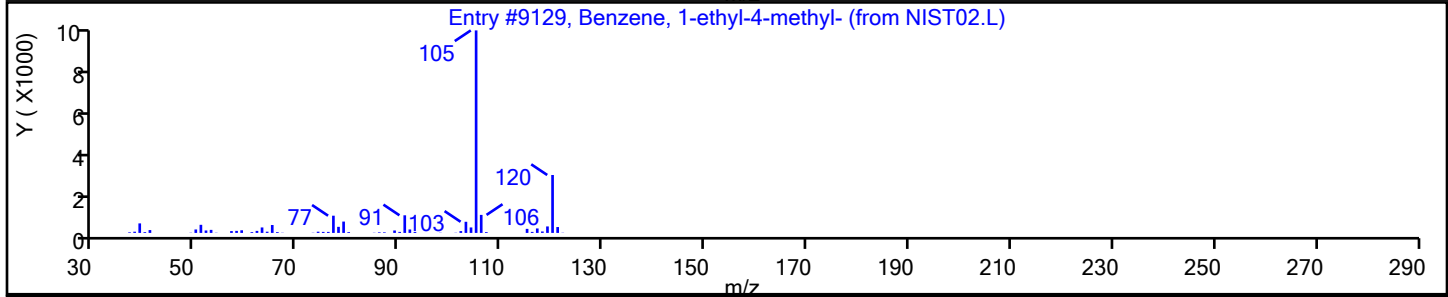
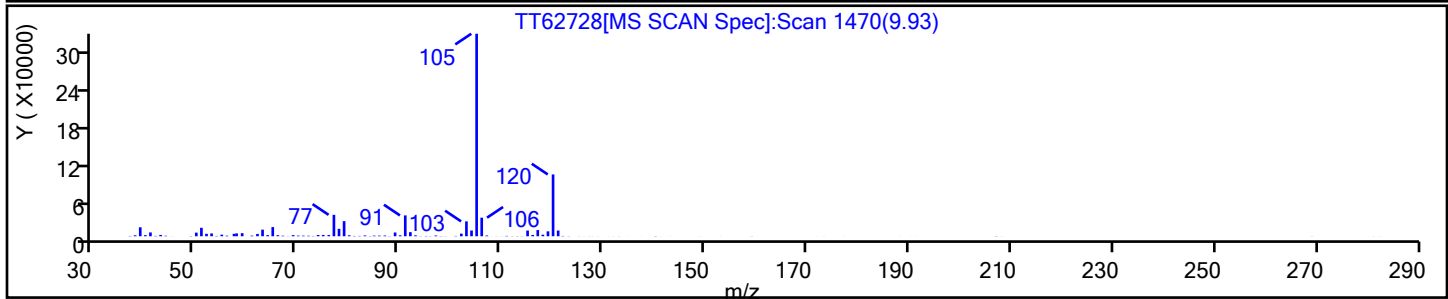
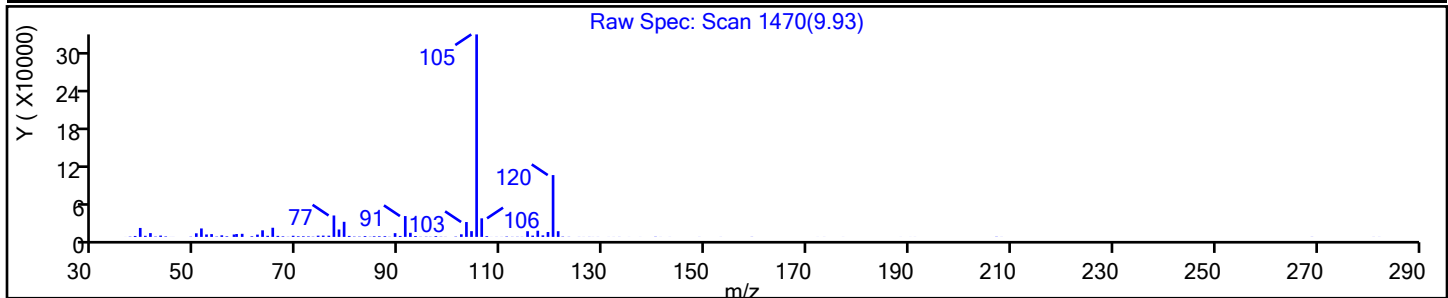
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.L	9129	C9H12	120	94
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9127	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	94



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

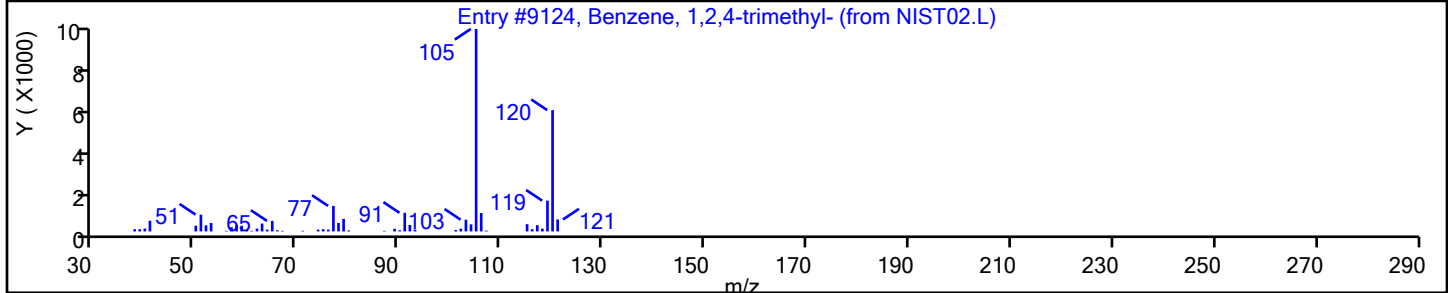
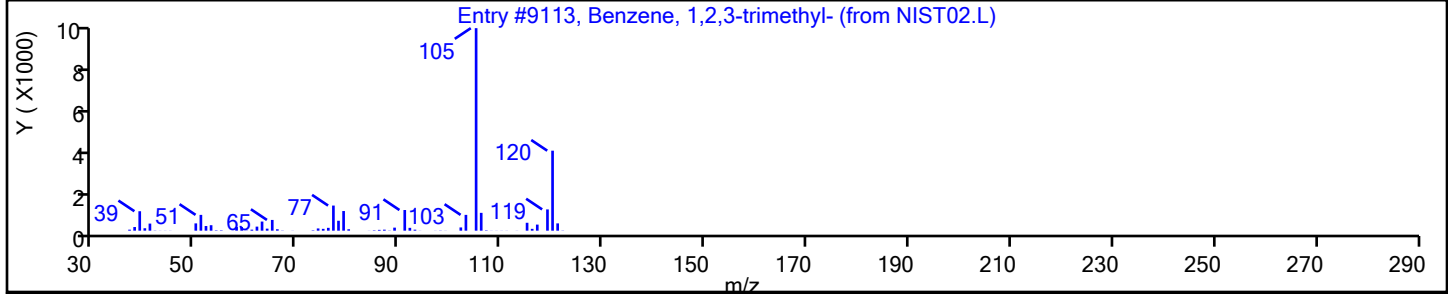
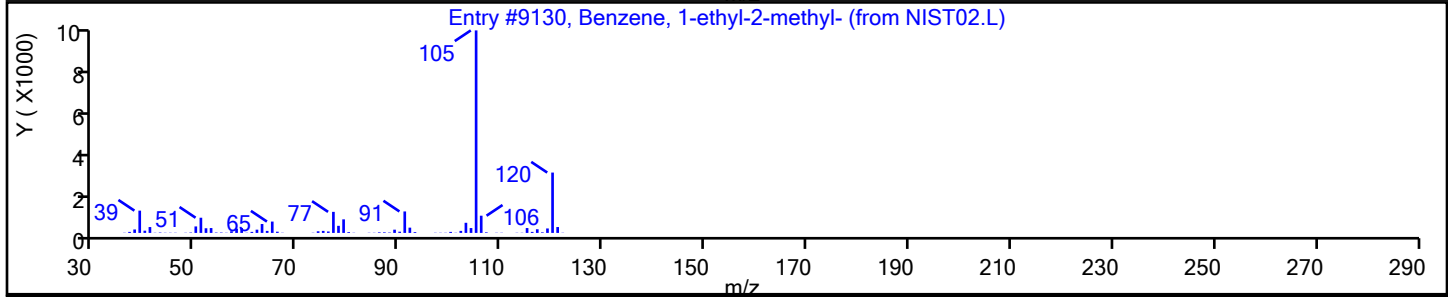
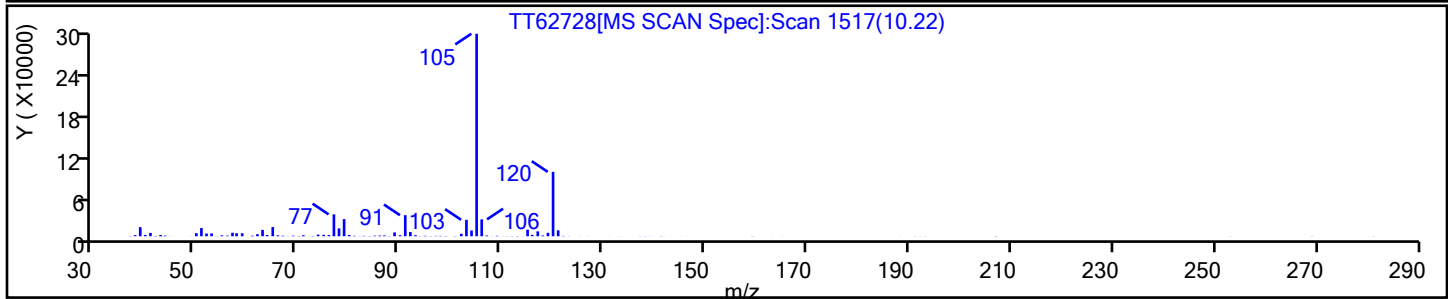
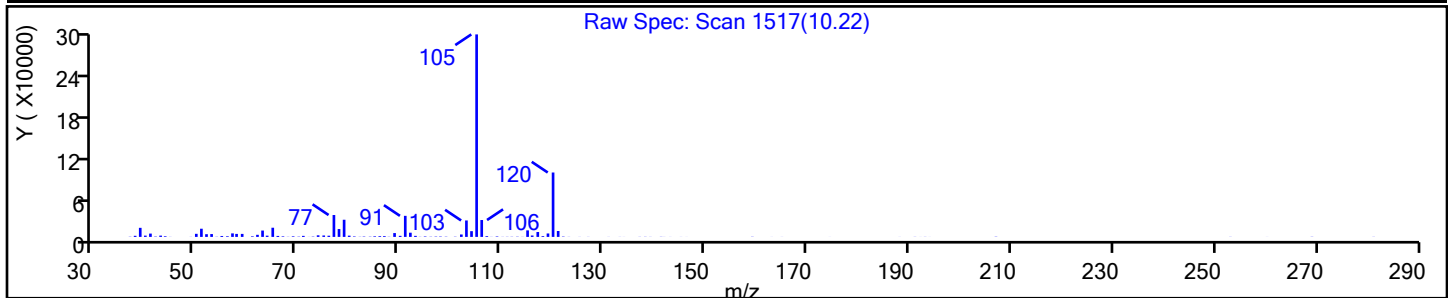
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	93
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9124	C9H12	120	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

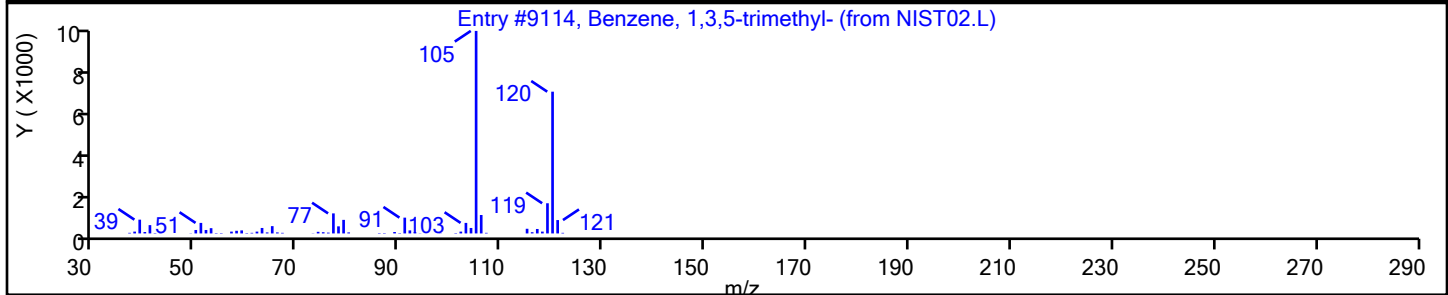
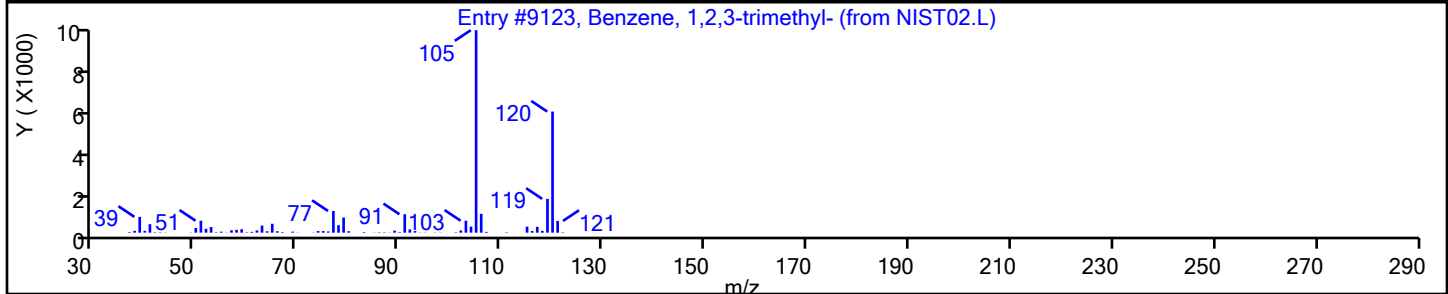
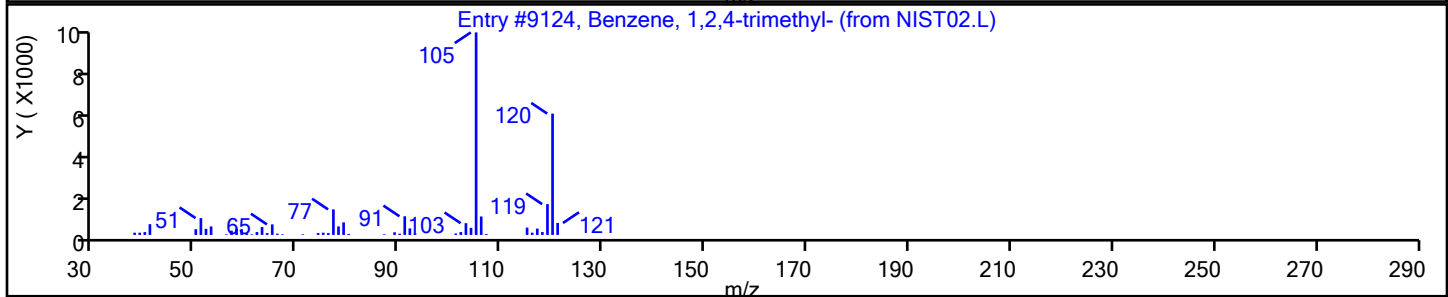
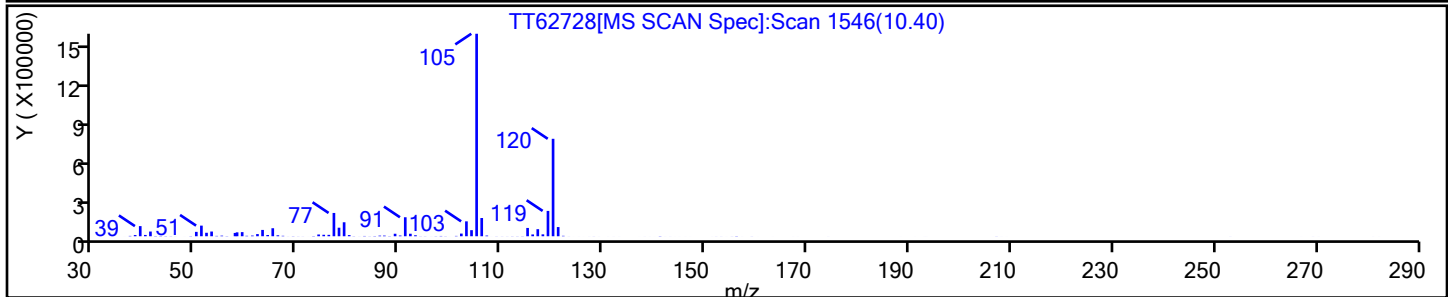
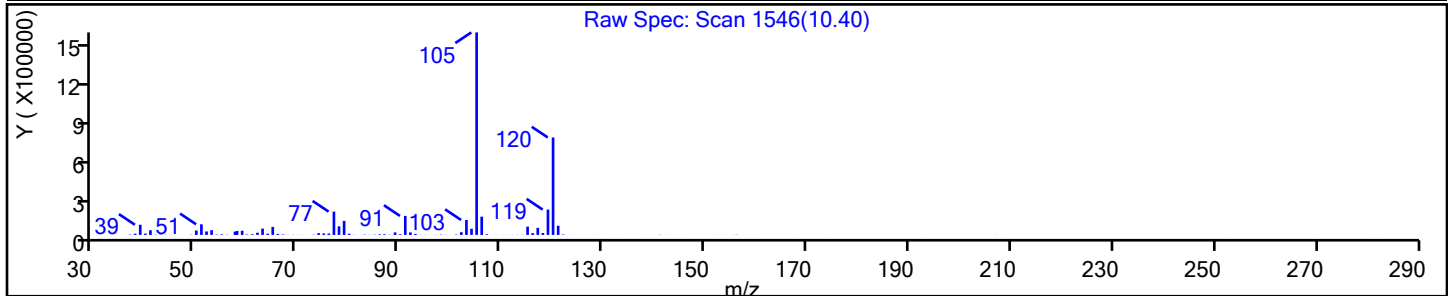
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9124	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	97
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9114	C9H12	120	94



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

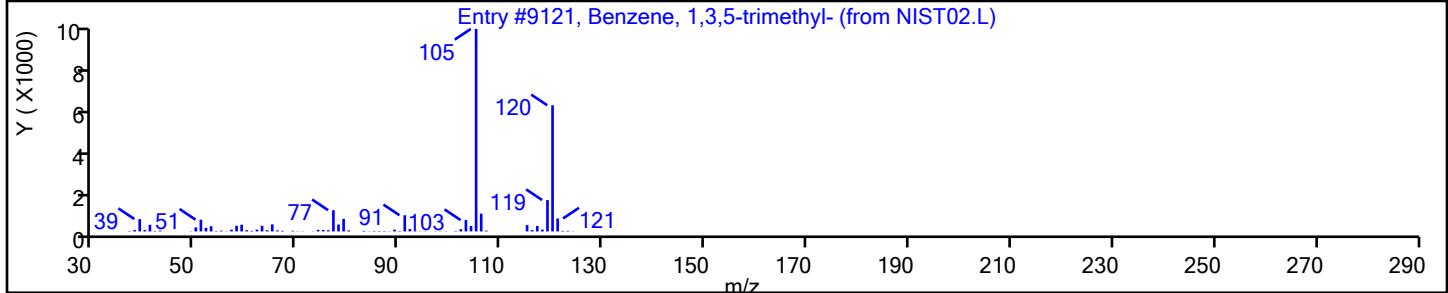
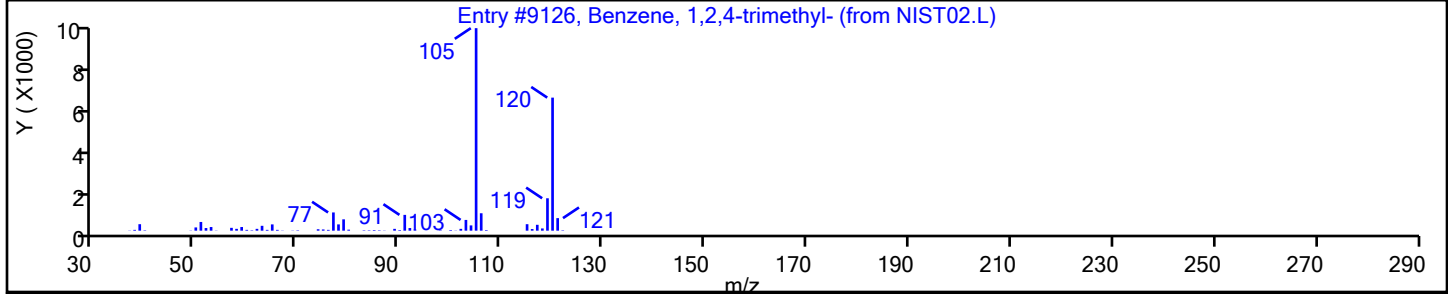
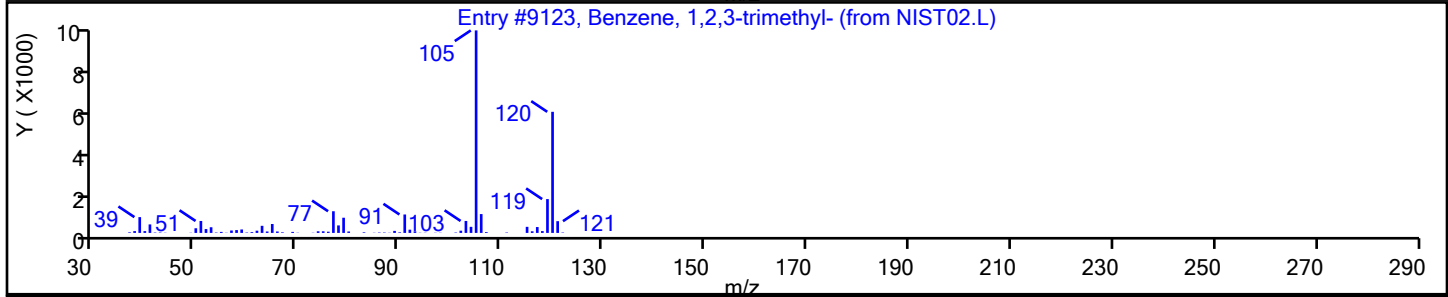
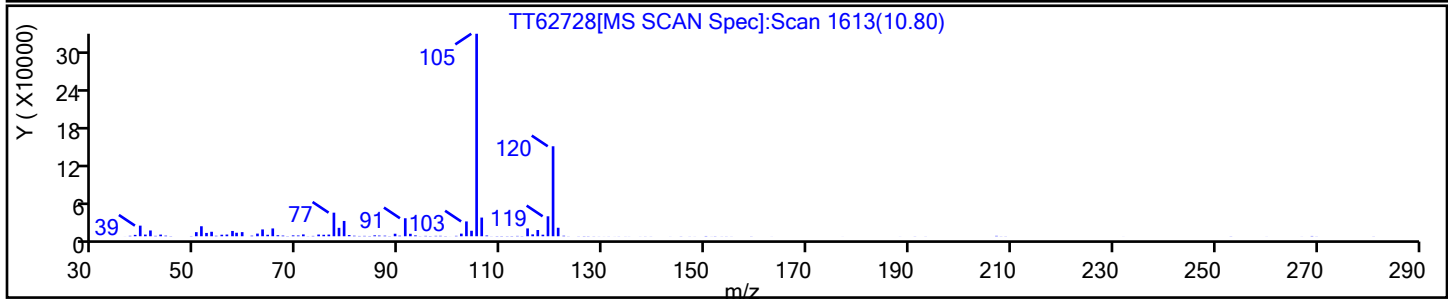
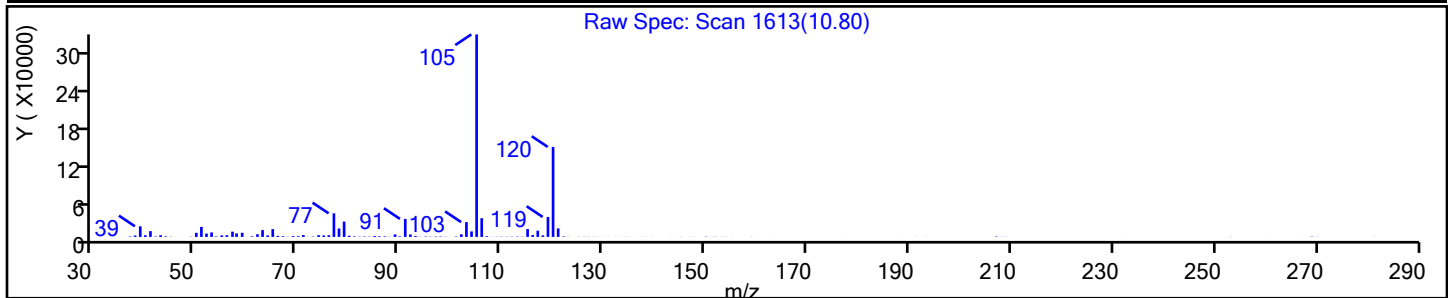
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	95
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	94
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9121	C9H12	120	93



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

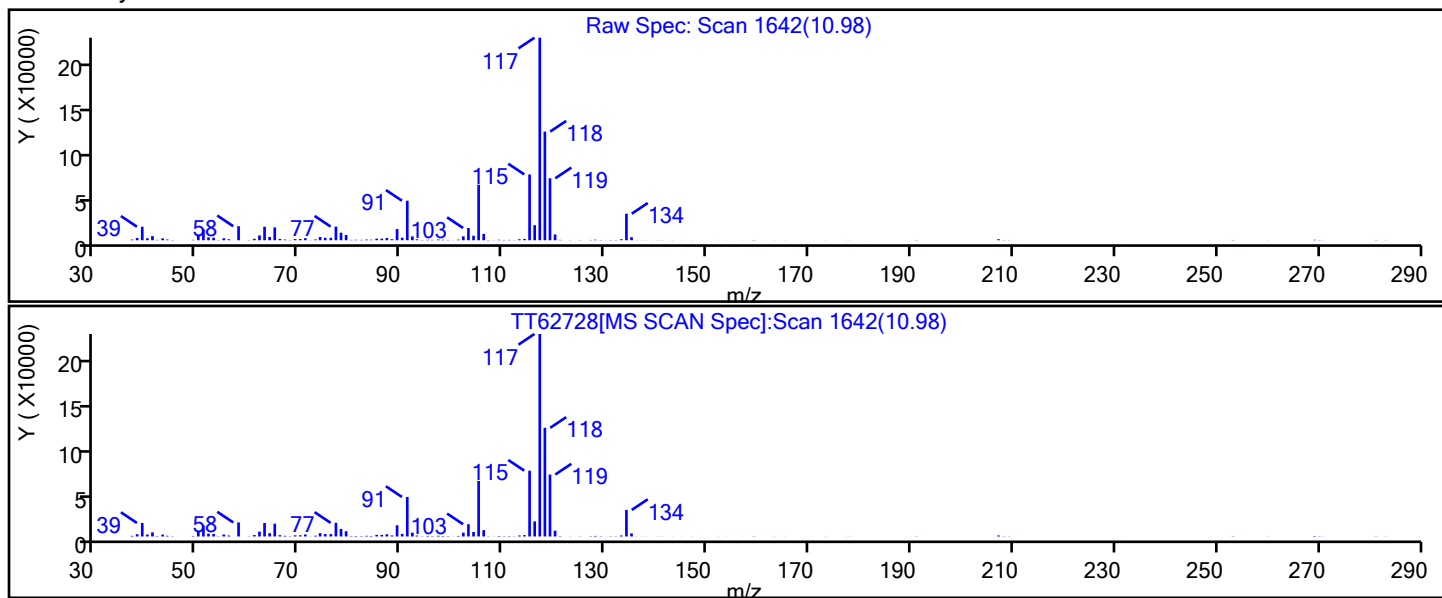
Method: 8260W_17

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\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

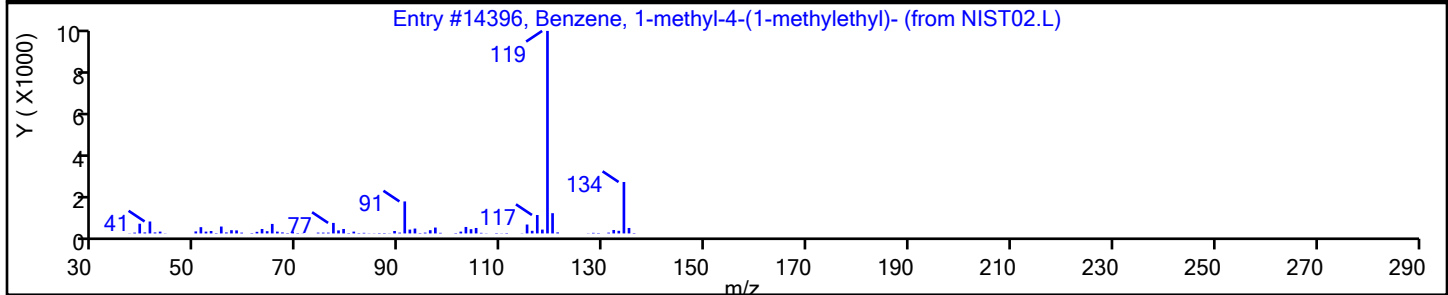
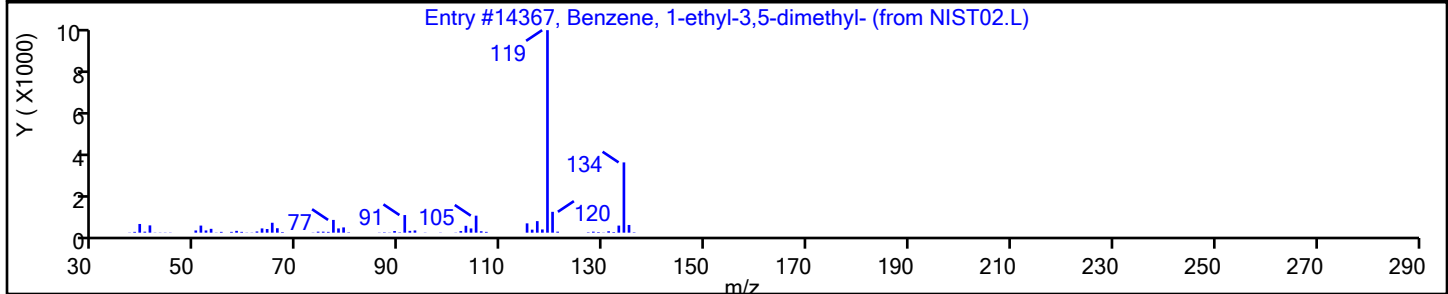
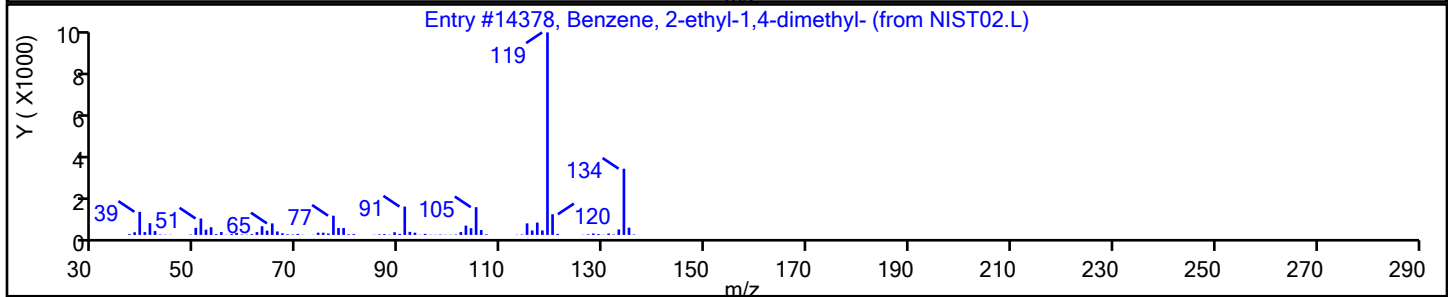
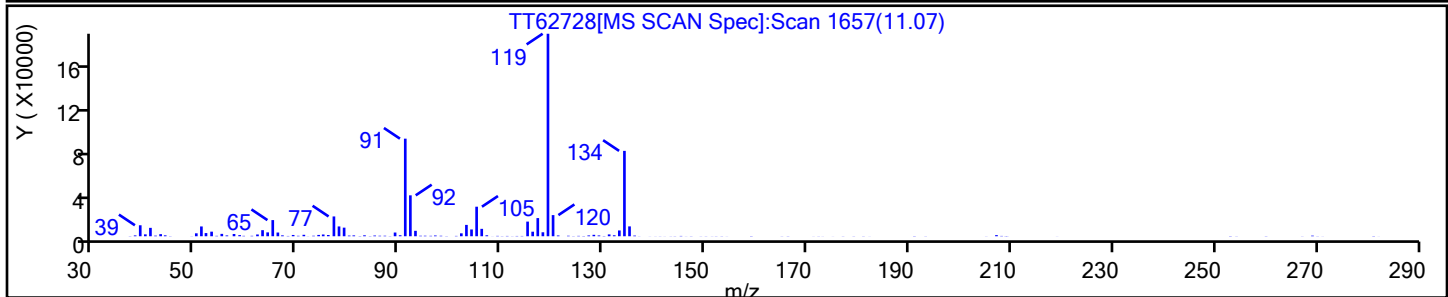
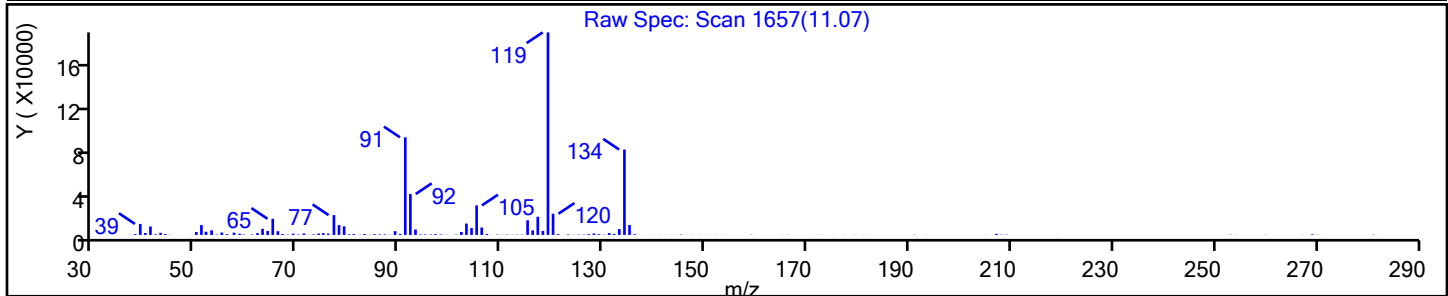
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14378	C10H14	134	94
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.L	14367	C10H14	134	94
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14396	C10H14	134	93



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62728.D

Injection Date: 01-Nov-2022 10:46:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-2

Lab Sample ID: 460-268448-2

Client ID: CVW-MW-2

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

5.0000

Method: 8260W_17

Limit Group:

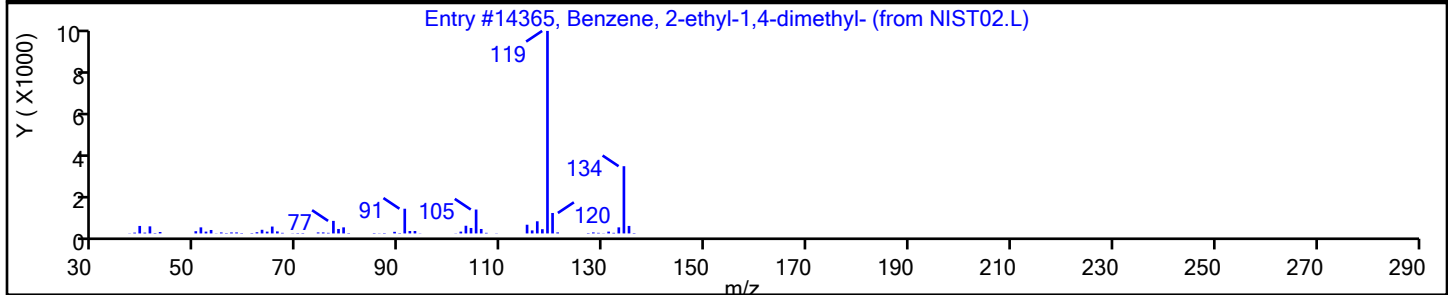
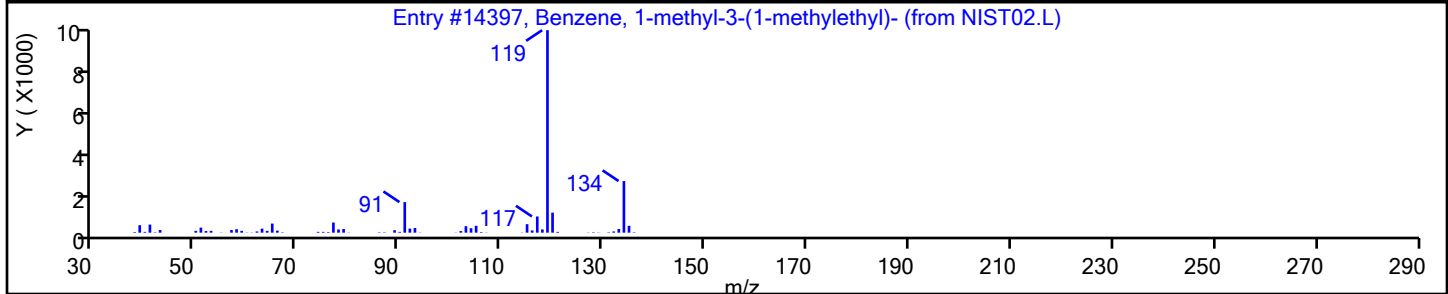
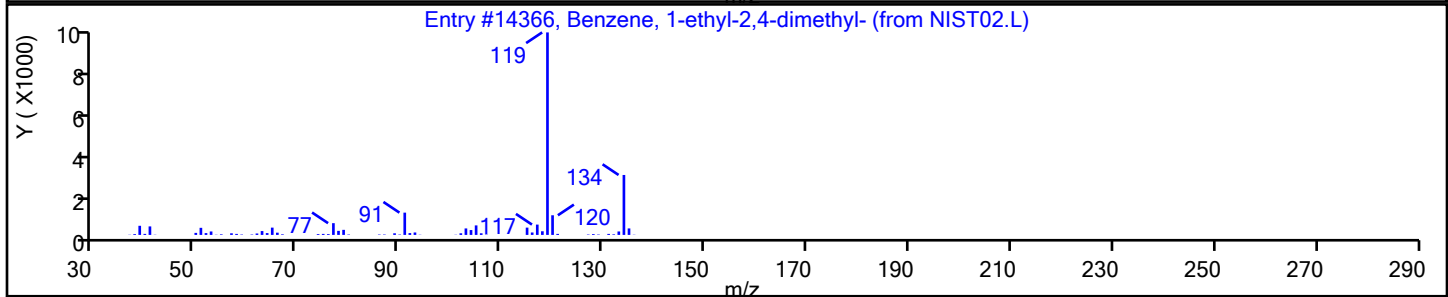
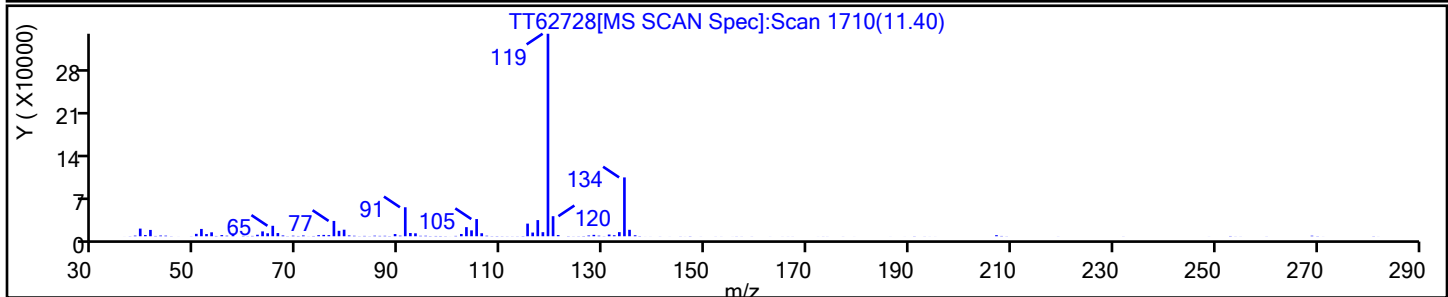
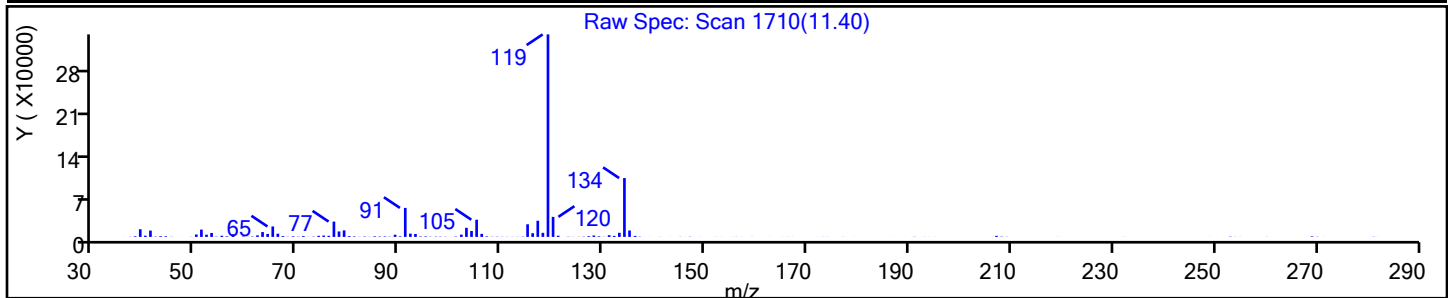
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14366	C10H14	134	97
Benzene, 1-methyl-3-(1-methylethyl)-	535-77-3	NIST02.L	14397	C10H14	134	97
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.L	14365	C10H14	134	97



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-3</u>	Lab Sample ID: <u>460-268448-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62726.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:15</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>11/01/2022 10:05</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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	9.3		5.0	4.4
71-43-2	Benzene	9.0		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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-3</u>	Lab Sample ID: <u>460-268448-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62726.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:05</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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	56		1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	22		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	36		1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	93		1.0	0.30
95-47-6	o-Xylene	9.9		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	2.6		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	100		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-3</u>	Lab Sample ID: <u>460-268448-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62726.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:15</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:05</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>1040</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
78-78-4	Butane, 2-methyl-	1.83	190	J N	94%
109-66-0	Pentane	1.96	51	J N	91%
107-83-5	Pentane, 2-methyl-	2.62	170	J N	80%
96-14-0	Pentane, 3-methyl-	2.82	110	J N	91%
96-37-7	Cyclopentane, methyl-	3.52	140	J N	94%
560-21-4	Pentane, 2,3,3-trimethyl-	5.69	72	J N	80%
103-65-1	Benzene, propyl-	9.80	89	J N	91%
611-14-3	Benzene, 1-ethyl-2-methyl-	10.22	50	J N	94%
95-63-6	Benzene, 1,2,4-trimethyl-	10.40	100	J N	95%
637-50-3	Benzene, 1-propenyl-	10.98	68	J N	87%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D
 Lims ID: 460-268448-C-3
 Client ID: CVW-MW-3
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:05:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-3
 Misc. Info.: 460-0152569-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 22:23:23 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:30:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.403	2.391	0.012	91	7186	9.25	
24 Carbon disulfide	76	2.476	2.476	0.000	97	11058	0.8091	M
* 31 TBA-d9 (IS)	66	2.720	2.726	-0.006	0	31826	1000.0	
* 42 2-Butanone-d5	46	3.683	3.677	0.006	0	195118	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.122	4.116	0.006	97	107246	48.1	
60 Benzene	78	4.427	4.421	0.006	94	132481	8.96	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	114740	46.5	
* 66 Fluorobenzene	96	4.701	4.695	0.006	99	433496	50.0	
69 Methylcyclohexane	83	5.152	5.146	0.006	93	170062	36.5	
* 72 1,4-Dioxane-d8	96	5.378	5.378	0.000	0	14704	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.299	-0.001	99	395020	48.3	
84 Toluene	91	6.372	6.372	0.000	93	37391	2.61	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	86	304927	50.0	
96 Ethylbenzene	106	8.182	8.182	0.000	97	281089	55.9	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	565922	93.4	
99 o-Xylene	106	8.853	8.853	0.000	95	64412	9.88	
104 Isopropylbenzene	105	9.322	9.322	0.000	95	352287	22.2	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	130478	54.3	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	178909	50.0	
S 137 Xylenes, Total	100				0		103.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D
 Lims ID: 460-268448-C-3
 Client ID: CVW-MW-3
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:05:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-3
 Misc. Info.: 460-0152569-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 22:23:23 Calib Date: 15-Oct-2022 04:30:30
 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 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626
 First Level Reviewer: FK2C Date: 01-Nov-2022 12:30:22

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
78-78-4	Butane, 2-methyl-							
1.830	4128290	188.4	66	94	701	C5H12	72	
109-66-0	Pentane							
1.964	1127124	51.4	66	91	696	C5H12	72	
107-83-5	Pentane, 2-methyl-							
2.622	3663106	167.2	66	80	1798	C6H14	86	
96-14-0	Pentane, 3-methyl-							
2.817	2409805	110.0	66	91	1799	C6H14	86	
96-37-7	Cyclopentane, methyl-							
3.519	3084569	140.8	66	94	1471	C6H12	84	
560-21-4	Pentane, 2,3,3-trimethyl-							
5.689	1566771	71.5	66	80	7458	C8H18	114	
103-65-1	Benzene, propyl-							
9.804	1724691	88.9	121	91	9109	C9H12	120	
611-14-3	Benzene, 1-ethyl-2-methyl-							
10.218	974245	50.2	121	94	9130	C9H12	120	
95-63-6	Benzene, 1,2,4-trimethyl-							
10.395	2003796	103.3	121	95	9126	C9H12	120	I
637-50-3	Benzene, 1-propenyl-							
10.981	1313264	67.7	121	87	8686	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	4.701	1095384	50.0
* 121 1,4-Dichlorobenzene-d4	10.755	969952	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

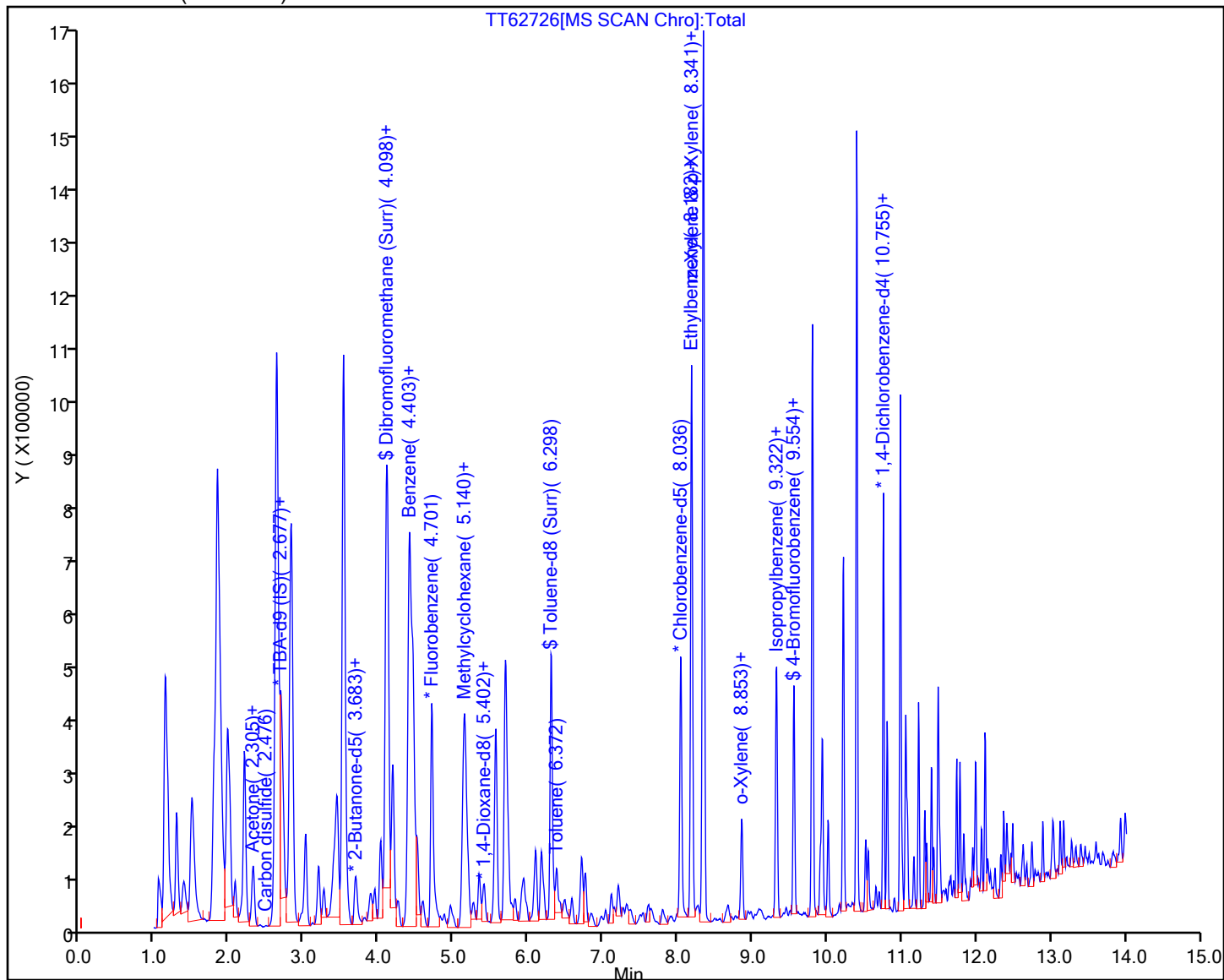
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D
 Lims ID: 460-268448-C-3
 Client ID: CVW-MW-3
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:05:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-3
 Misc. Info.: 460-0152569-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 22:23:23 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:30:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	48.1	96.25
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	46.5	93.09
\$ 83 Toluene-d8 (Surr)	50.0	48.3	96.58
\$ 105 4-Bromofluorobenzene	50.0	54.3	108.68

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

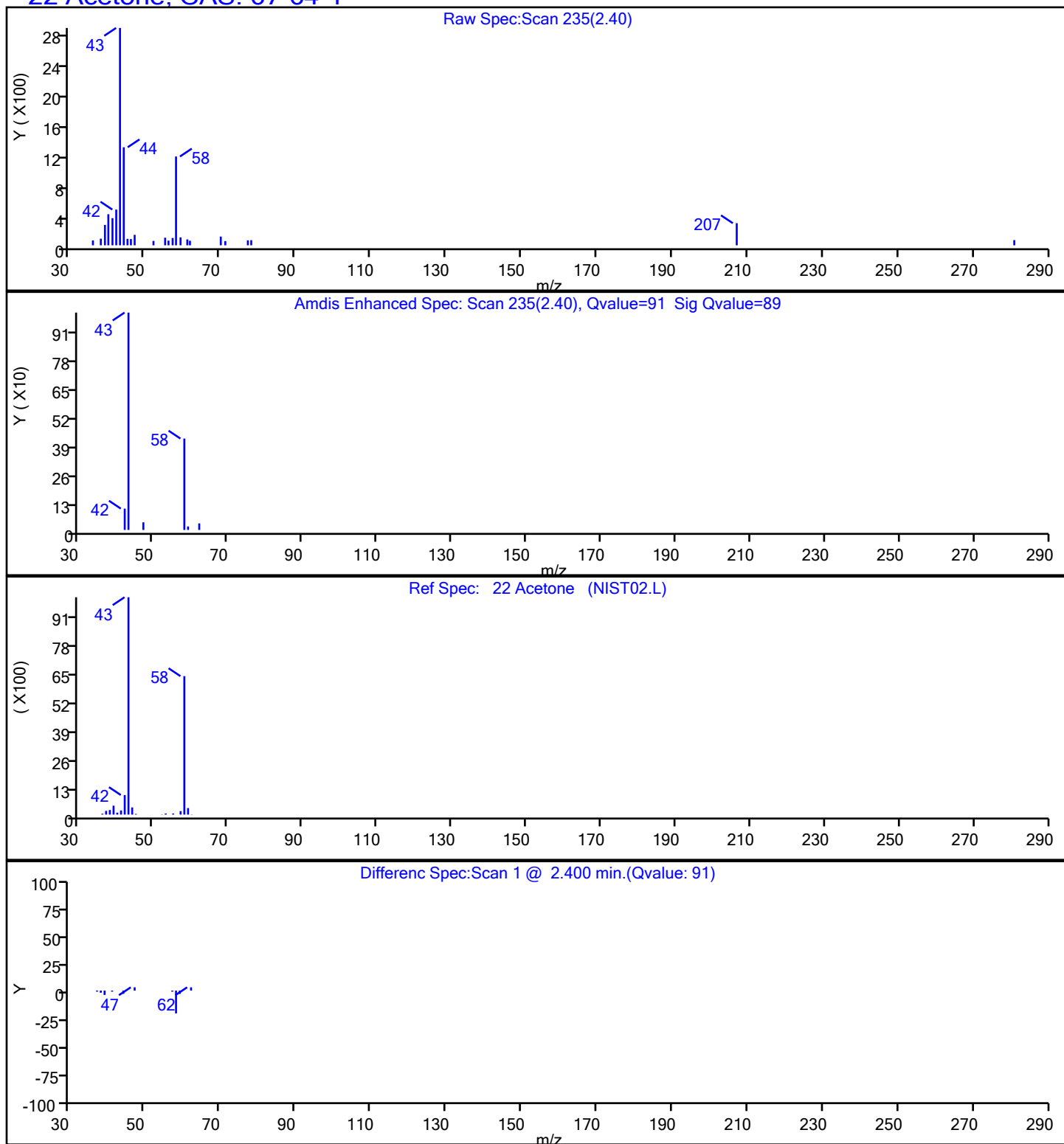
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

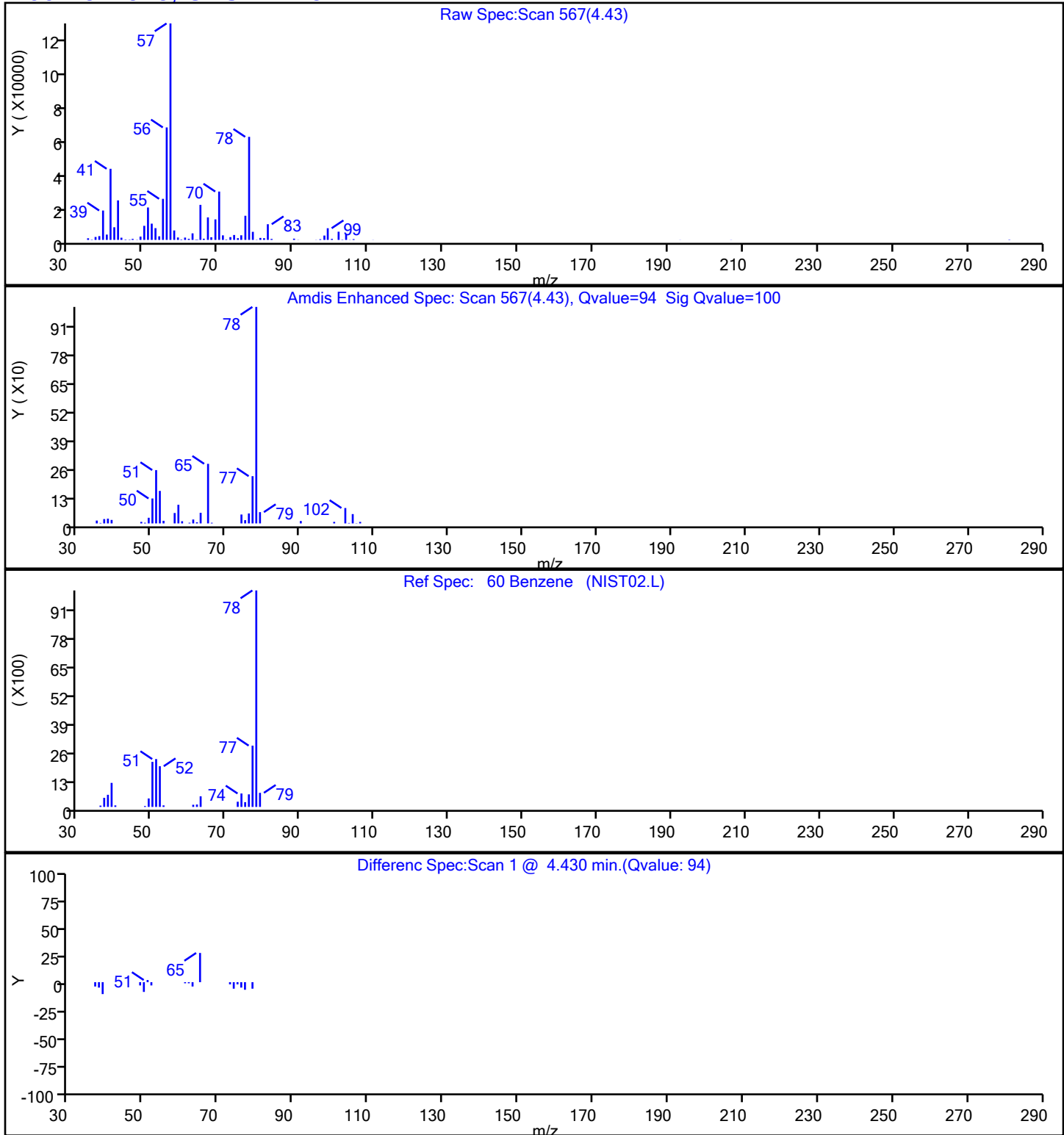
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

60 Benzene, CAS: 71-43-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

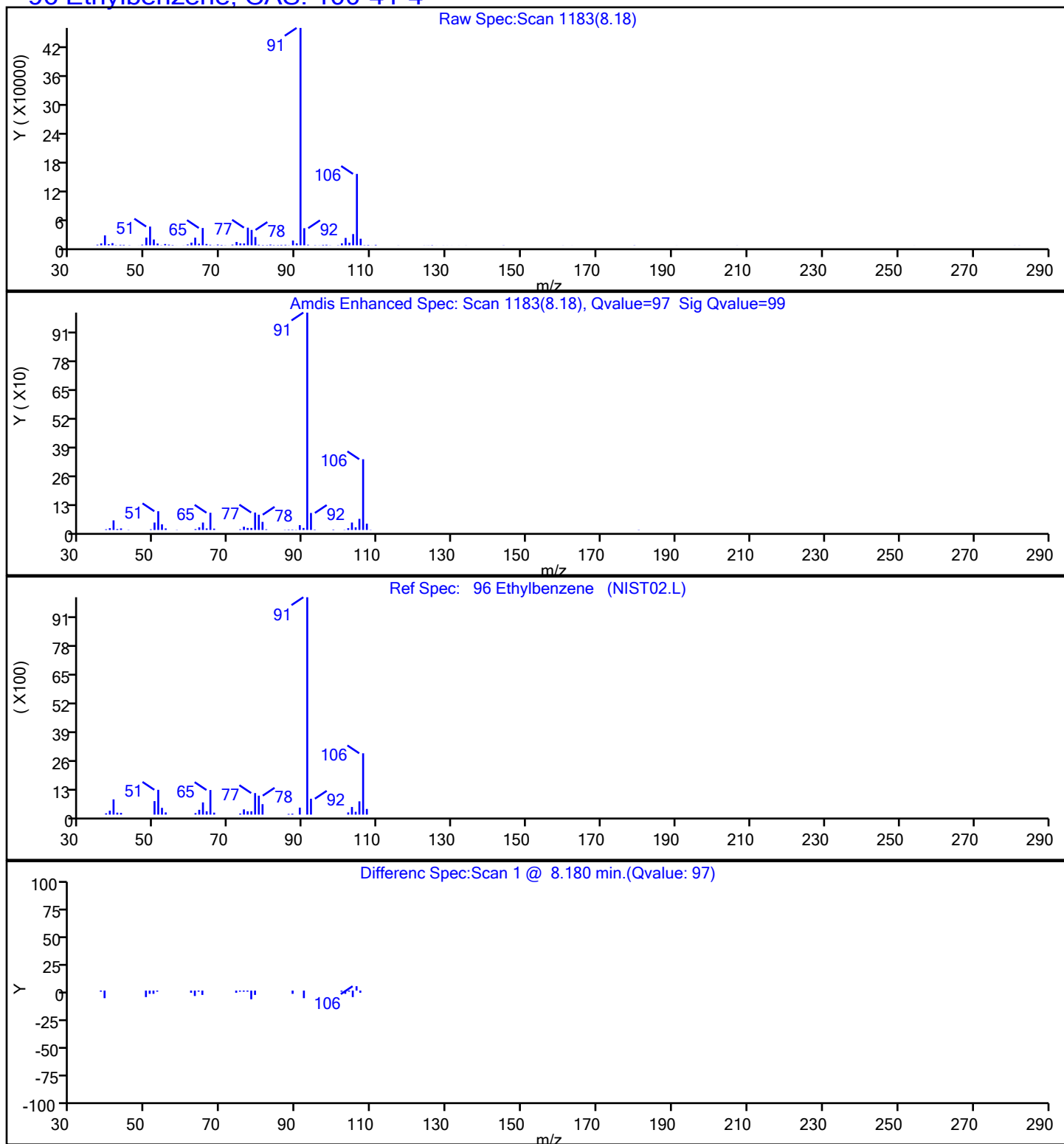
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

96 Ethylbenzene, CAS: 100-41-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

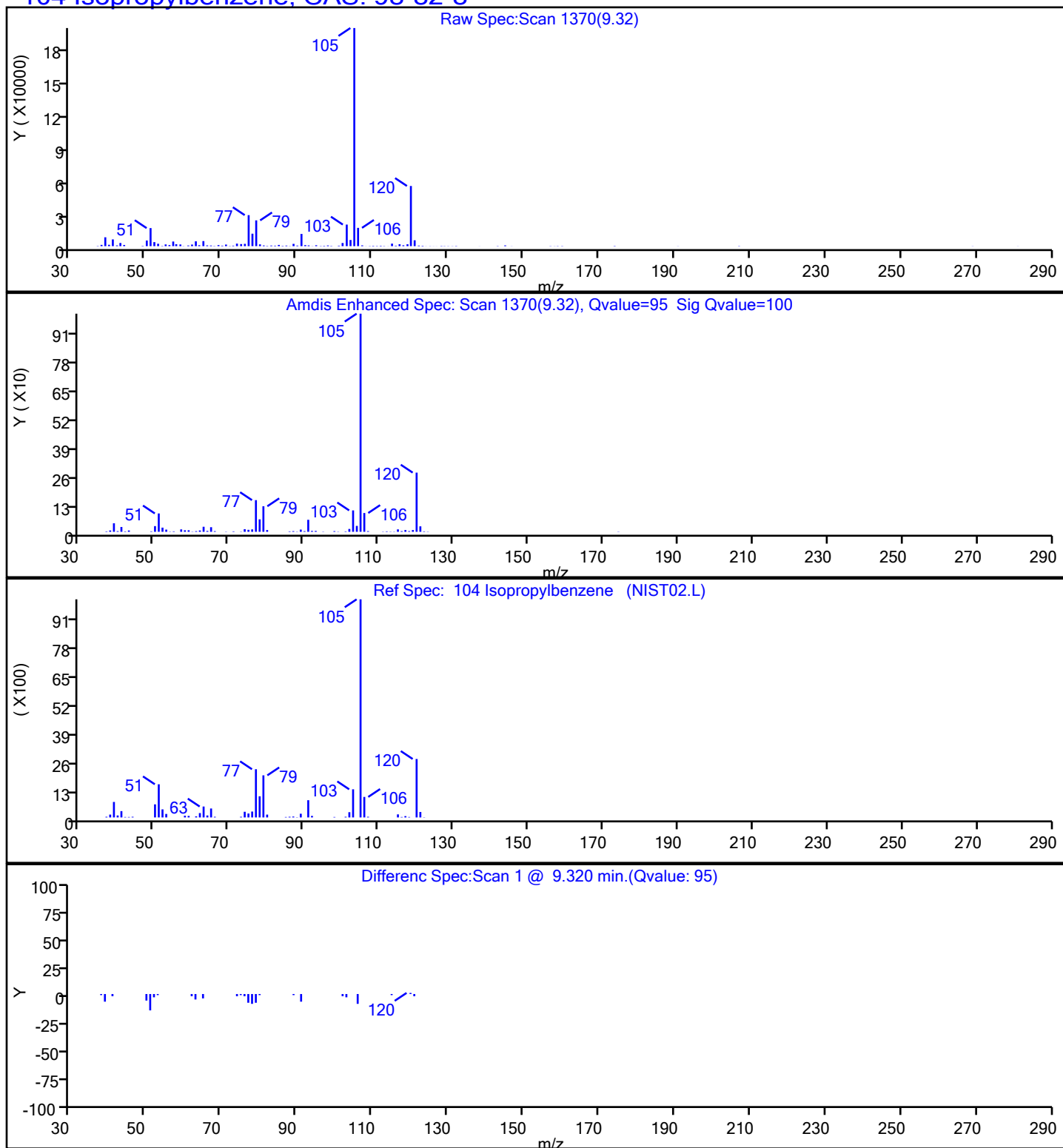
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

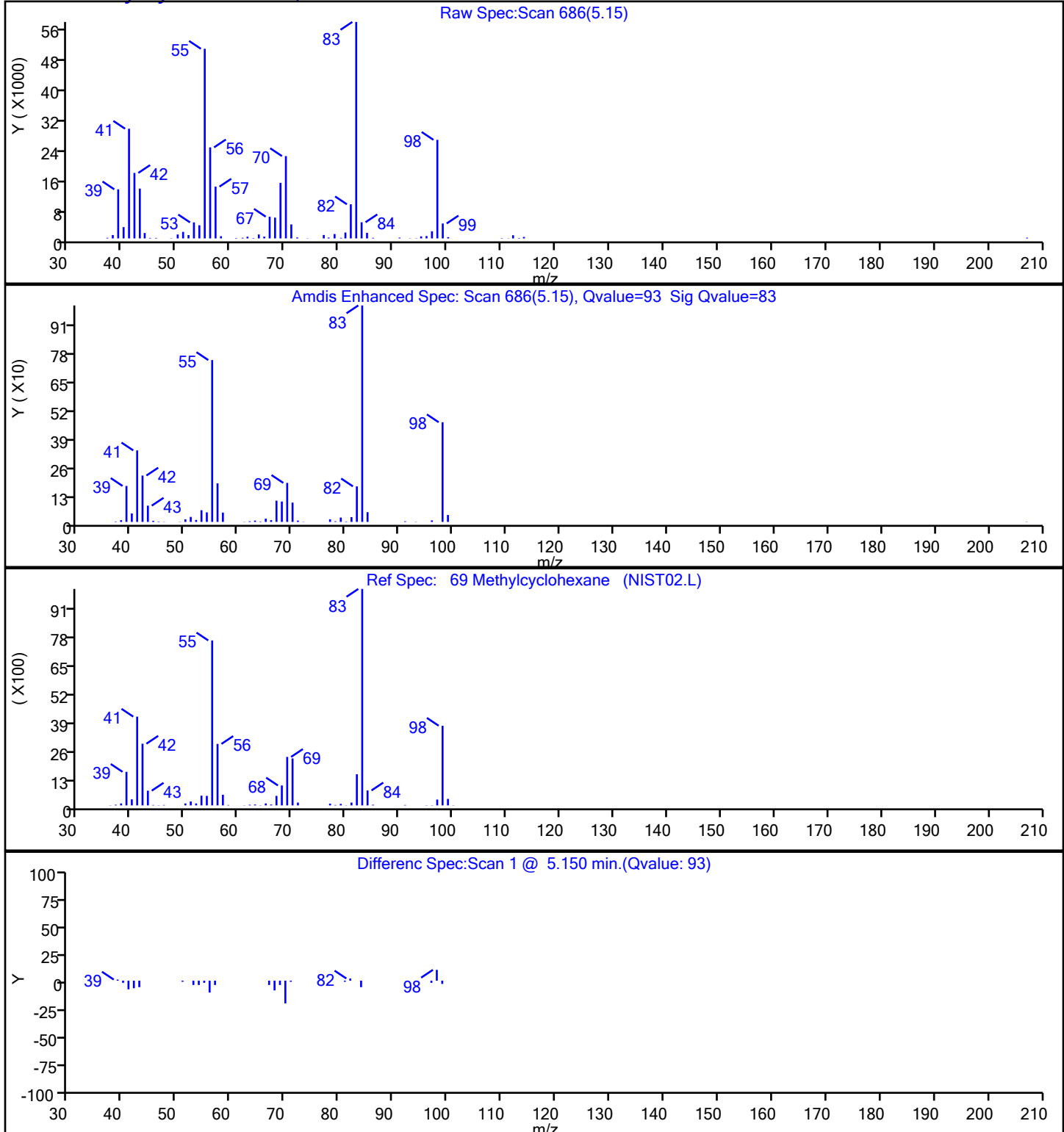
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

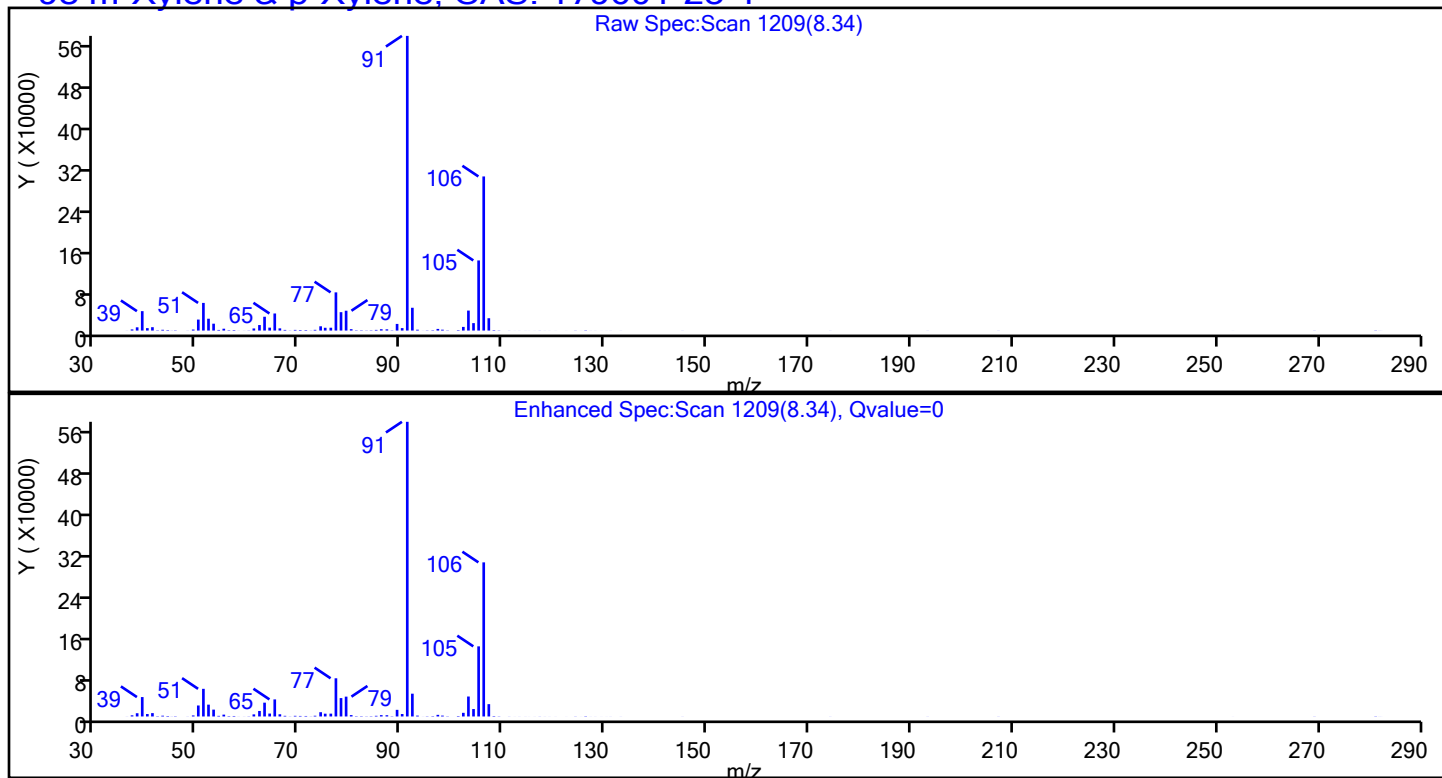
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

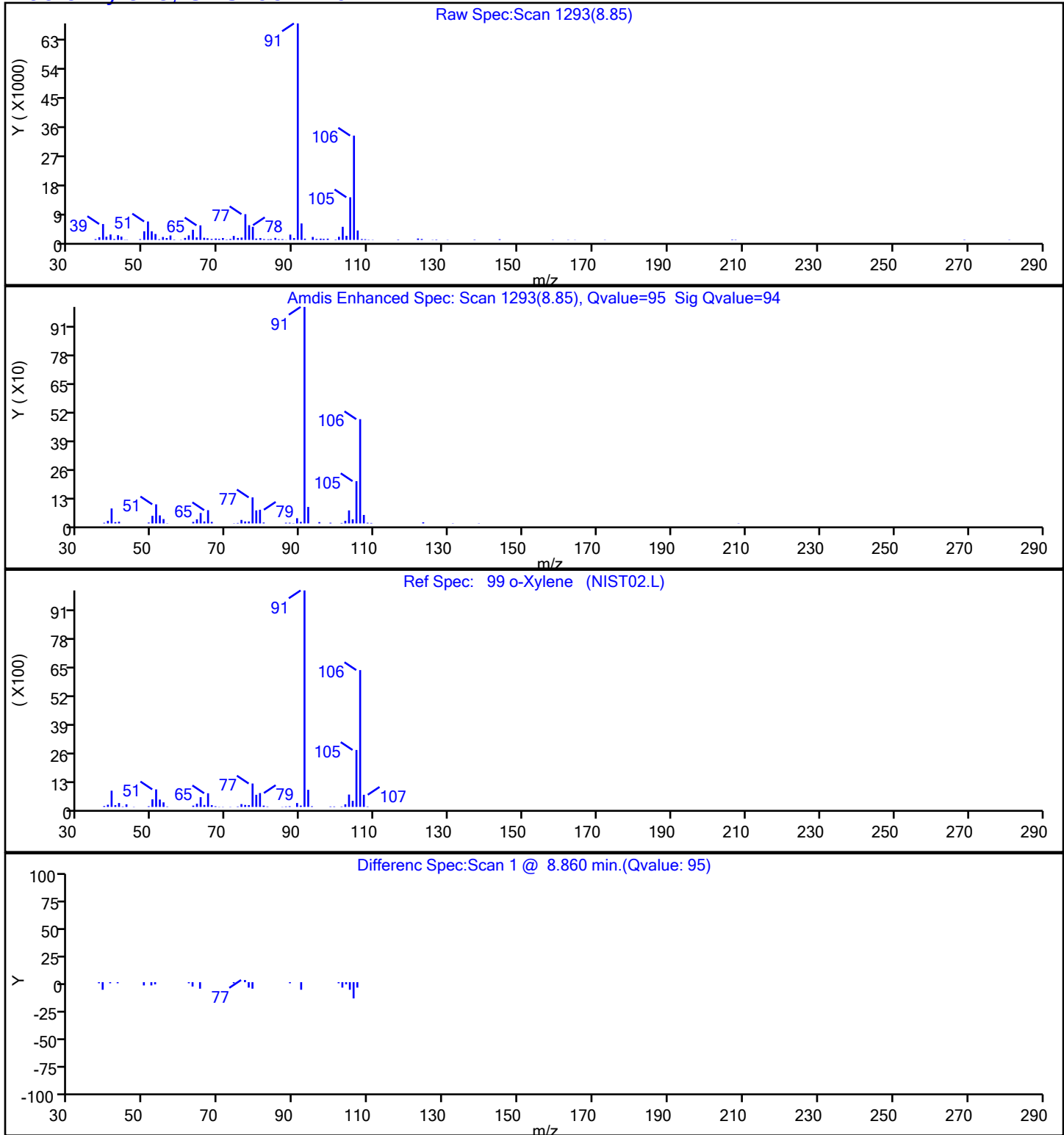
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

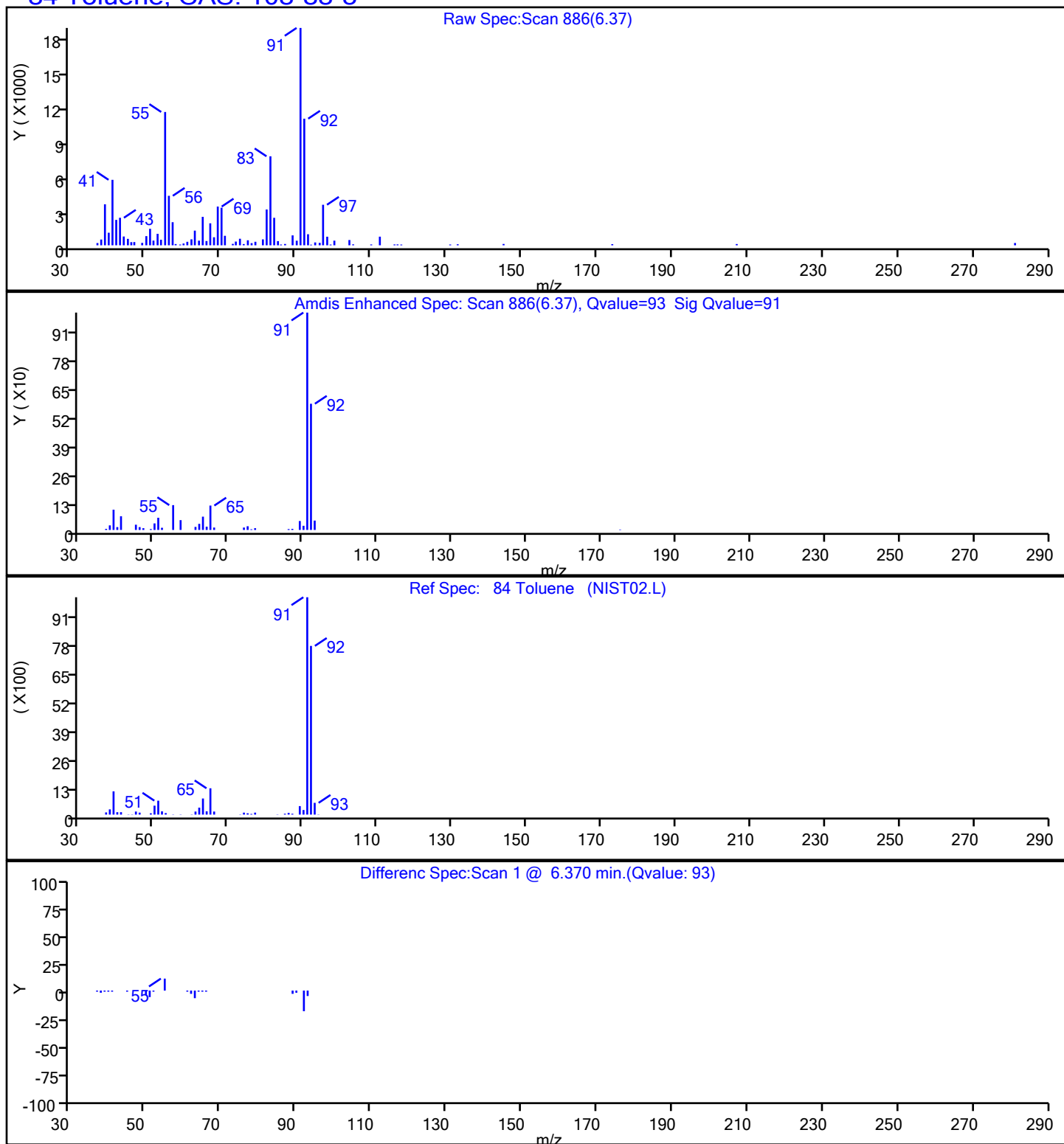
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

84 Toluene, CAS: 108-88-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

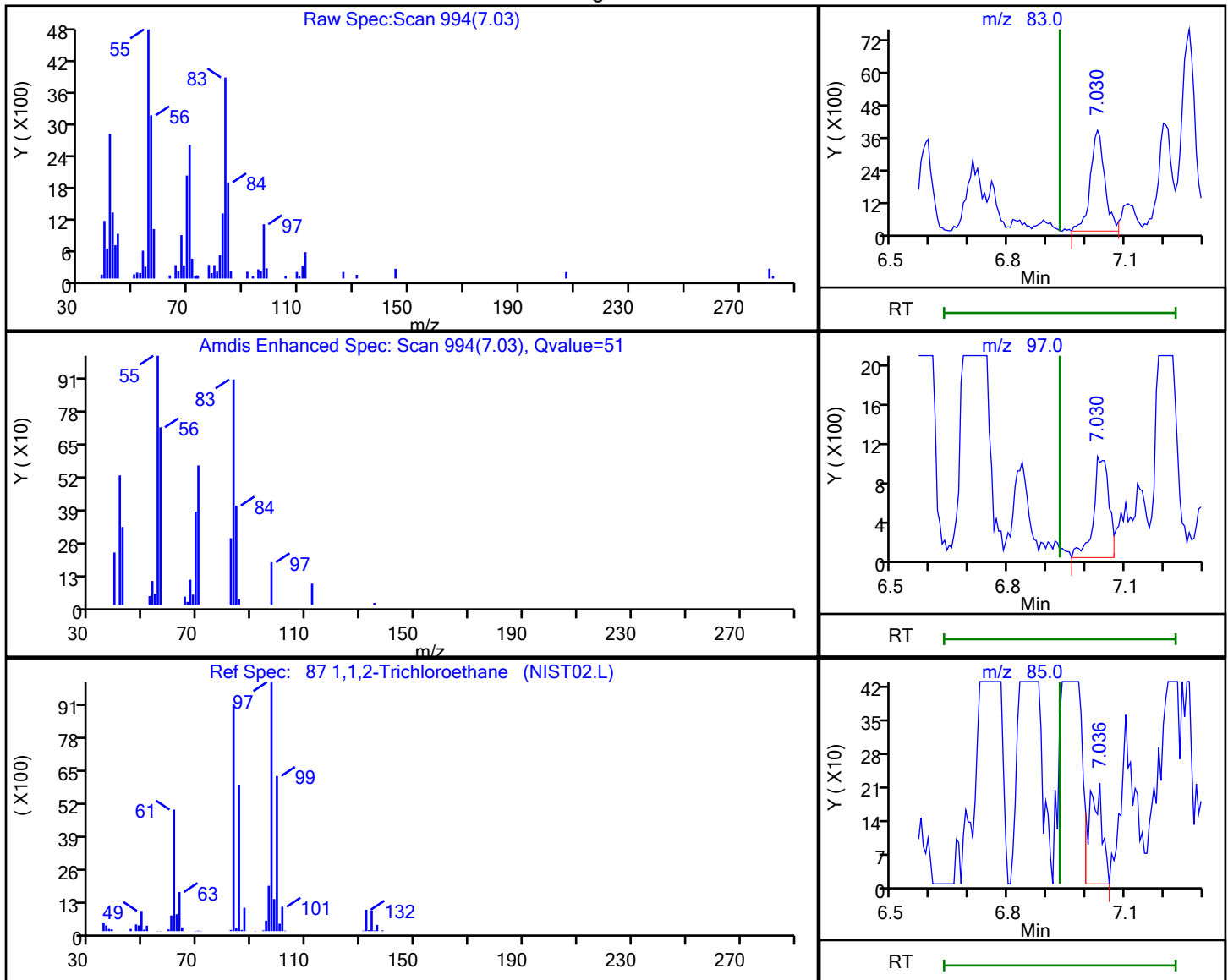
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.03	83.00	9700	3.674176
7.03	97.00	2874	
7.04	85.00	504	

Reviewer: FK2C, 01-Nov-2022 12:29:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

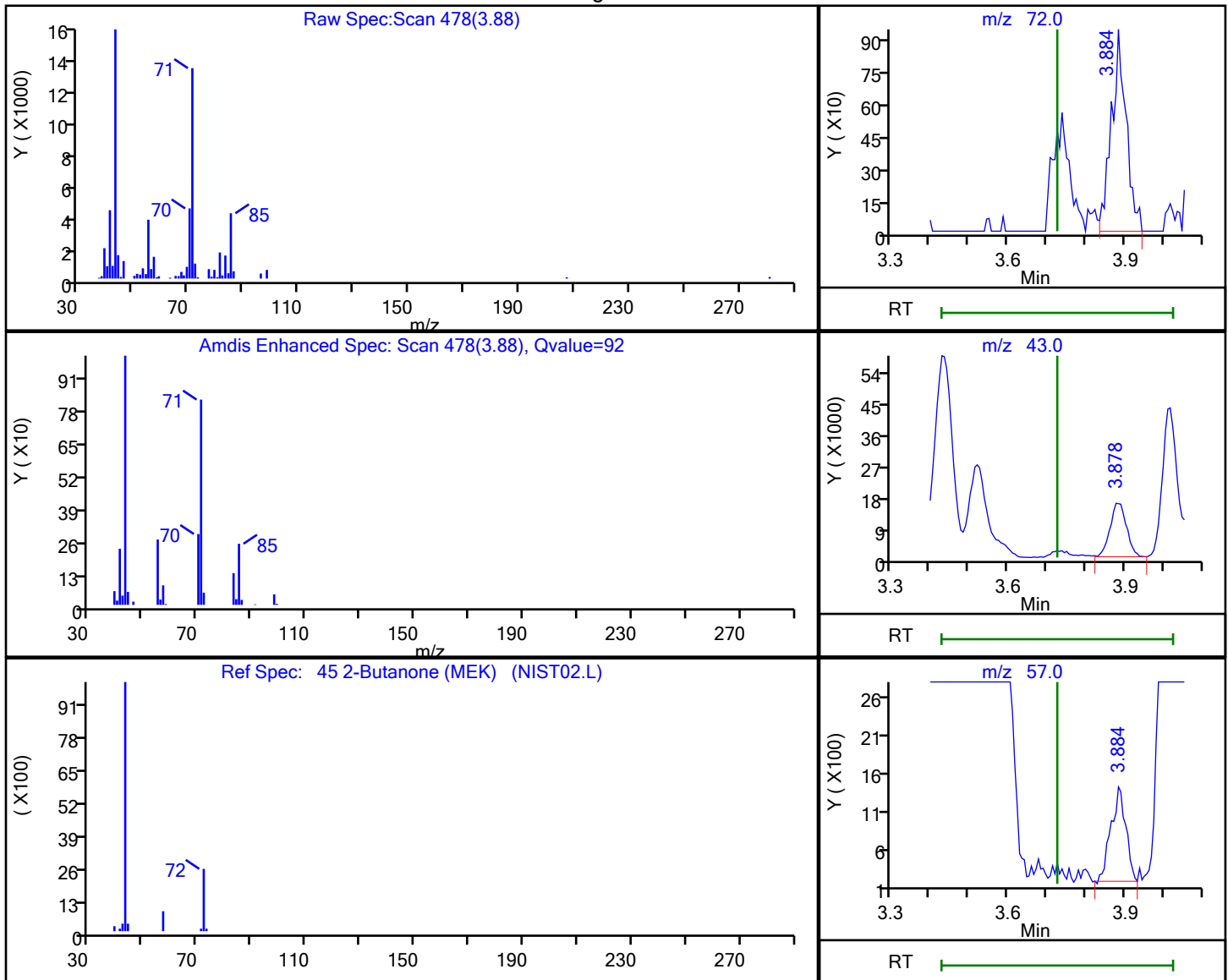
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.88	72.00	2502	8.758668
3.88	43.00	45629	
3.88	57.00	3296	

Reviewer: FK2C, 01-Nov-2022 12:29:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

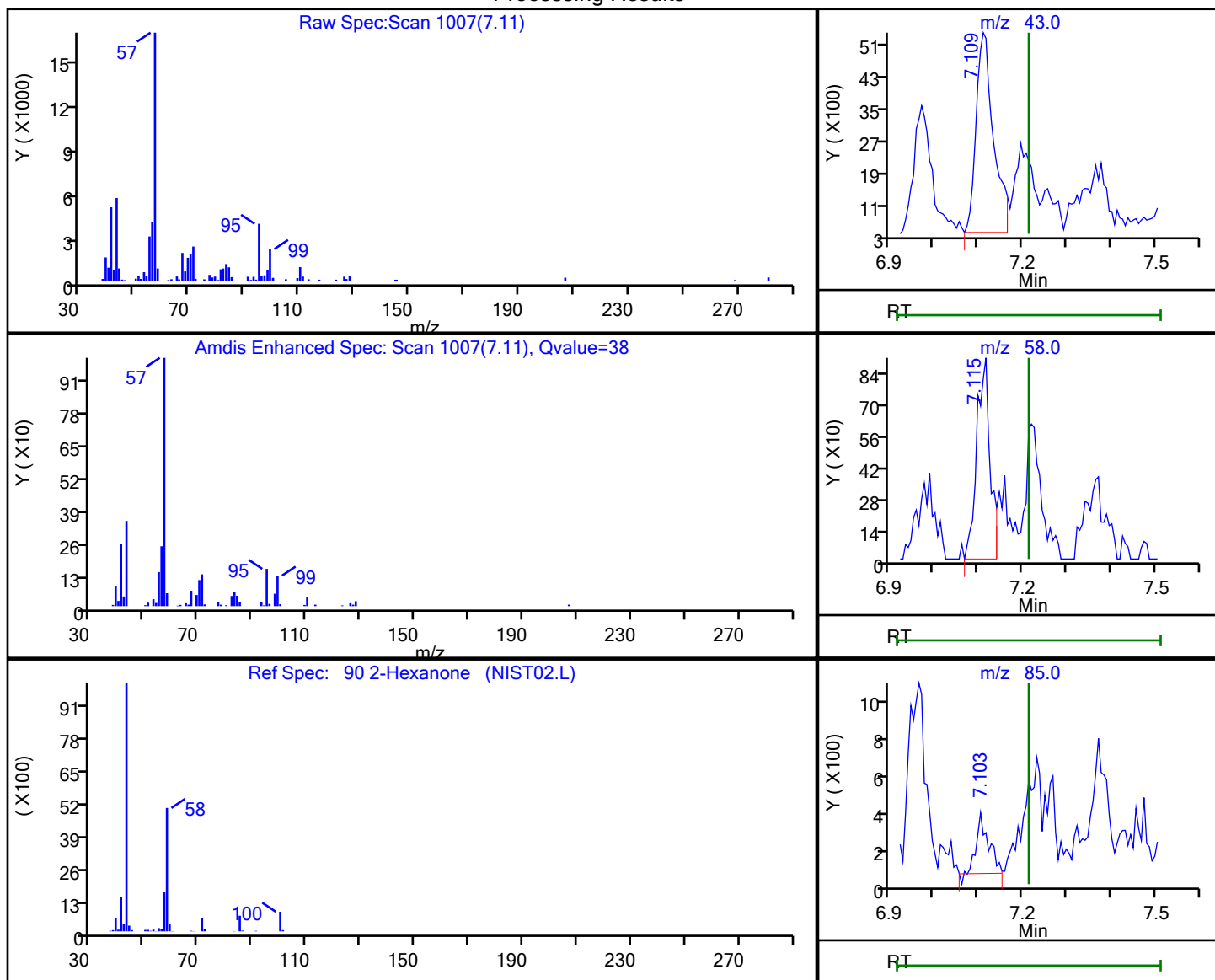
Column: DB-624 (0.18 mm)

Detector

MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.11	43.00	13755	8.583845
7.12	58.00	1908	
7.10	85.00	576	
7.11	100.00	324	

Reviewer: FK2C, 01-Nov-2022 12:29:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

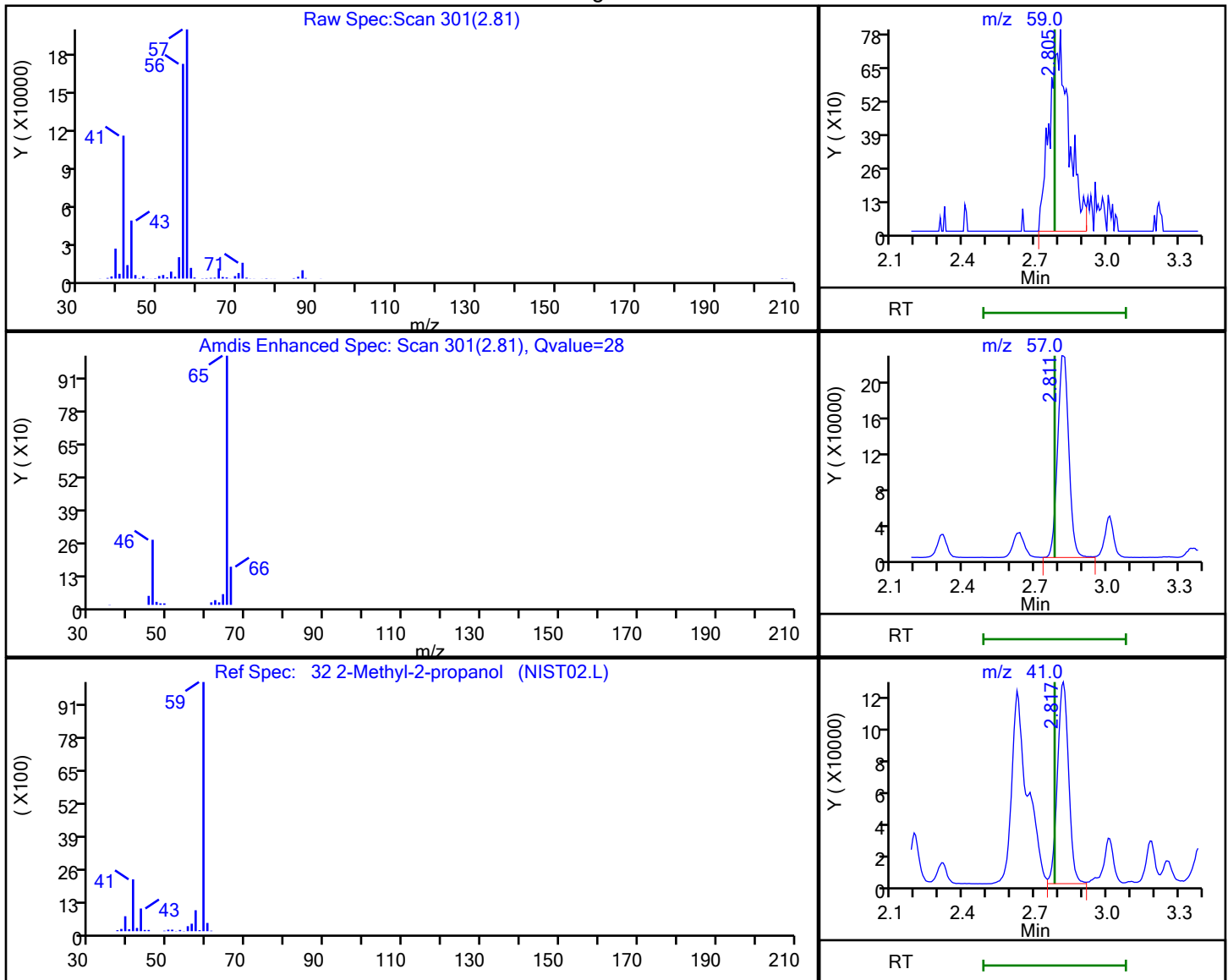
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.81	59.00	4432	13.121946
2.81	57.00	737772	
2.82	41.00	417505	

Reviewer: FK2C, 01-Nov-2022 12:29:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

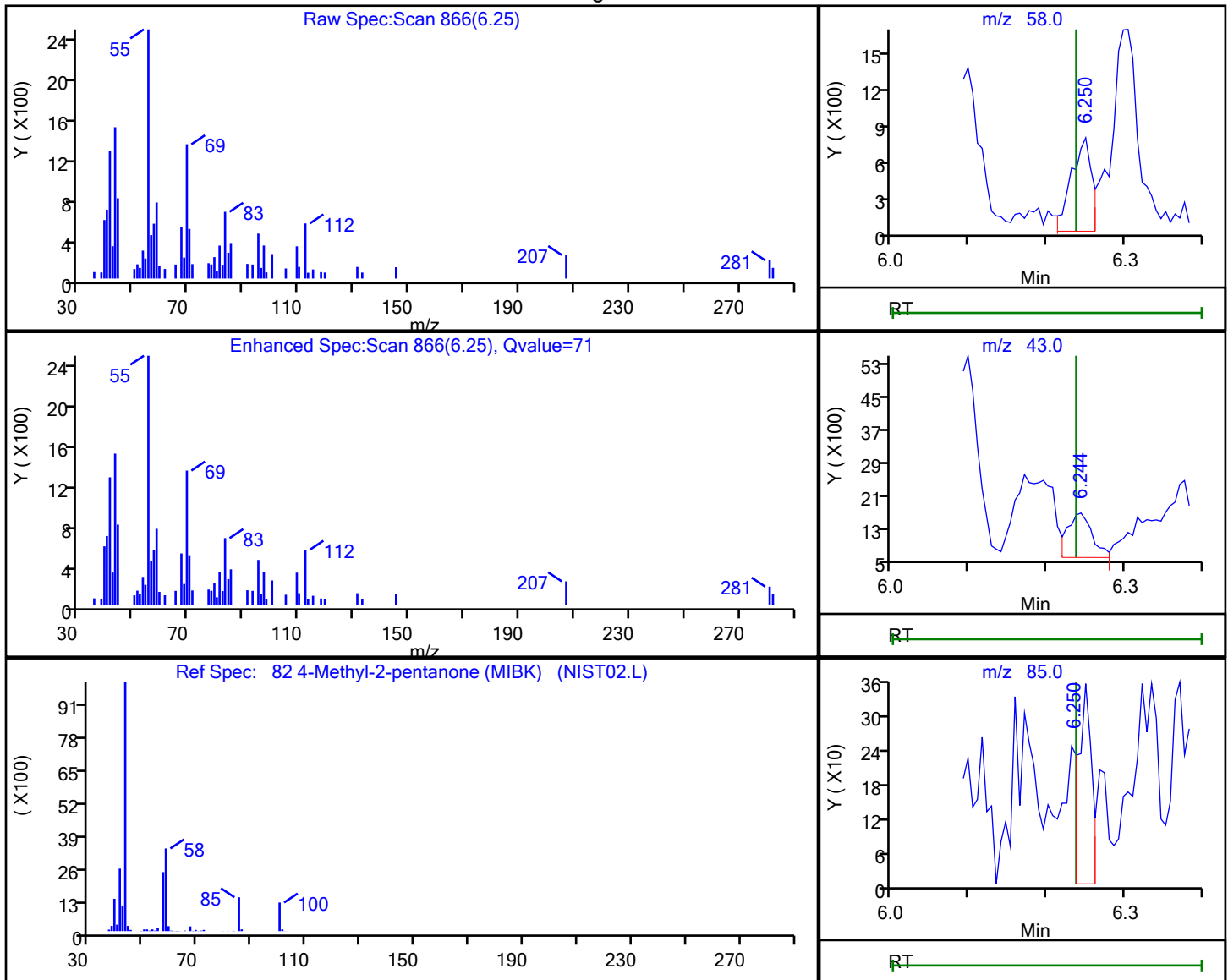
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.25	58.00	1420	1.315225
6.24	43.00	2430	
6.25	85.00	431	
6.24	100.00	377	

Reviewer: FK2C, 01-Nov-2022 12:29:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

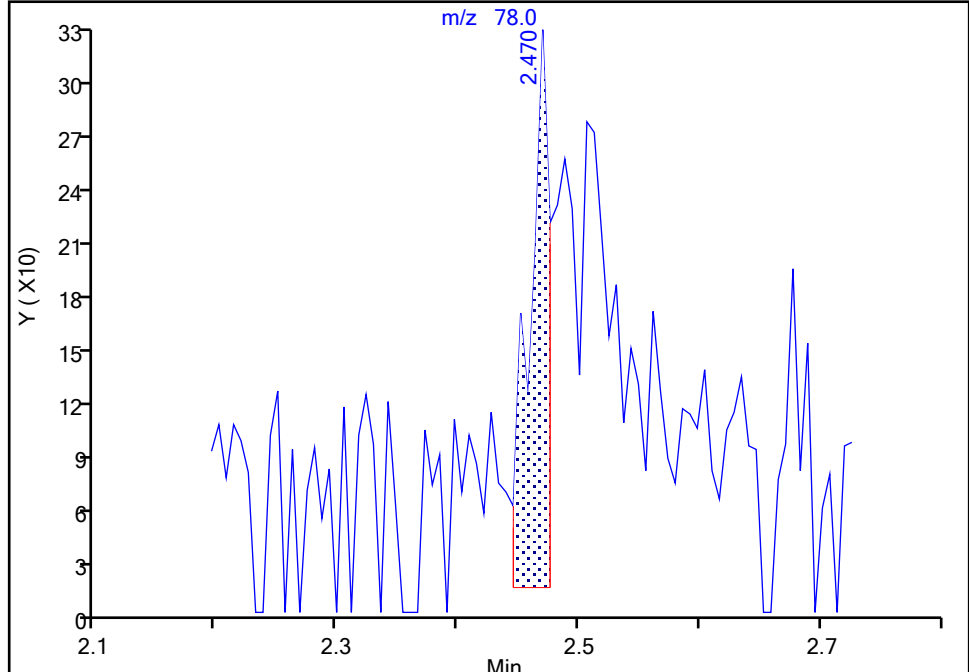
Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 2

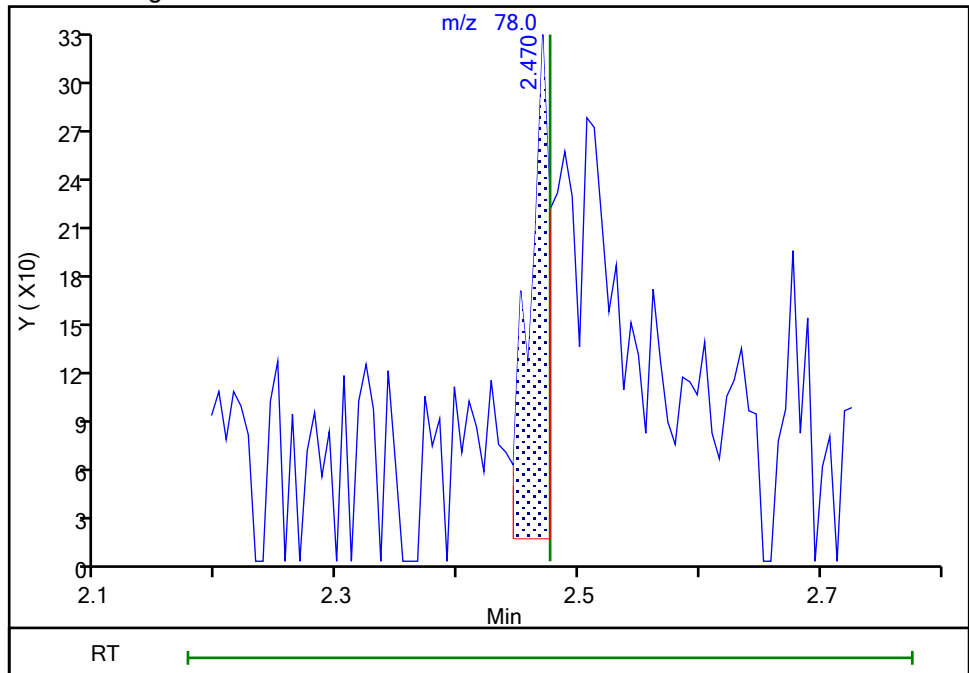
RT: 2.47
Area: 374
Amount: 0.378934
Amount Units: ug/l

Processing Integration Results



RT: 2.47
Area: 374
Amount: 0.809084
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 12:29:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

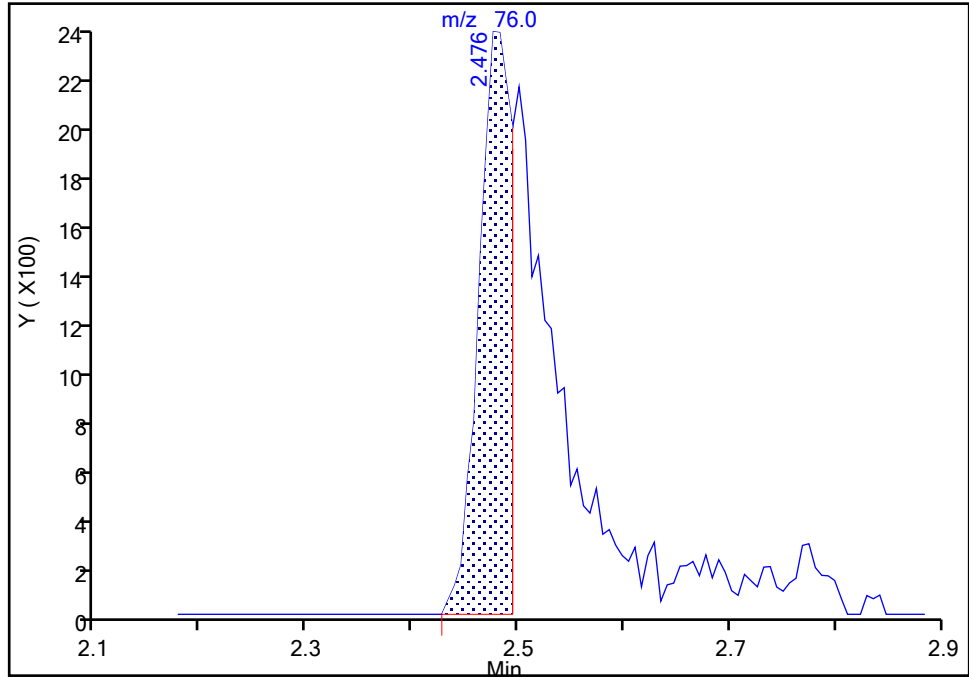
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D
Injection Date: 01-Nov-2022 10:05:30 Instrument ID: CVOAMS17
Lims ID: 460-268448-C-3 Lab Sample ID: 460-268448-3
Client ID: CVW-MW-3
Operator ID: ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

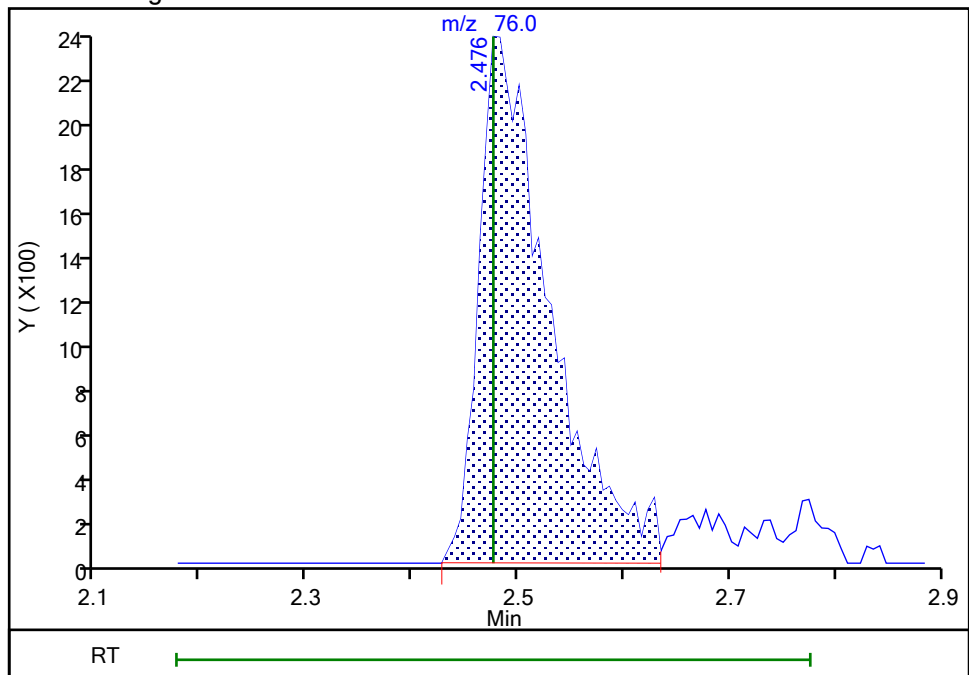
RT: 2.48
Area: 5179
Amount: 0.378934
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 11058
Amount: 0.809084
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 02-Nov-2022 21:57:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

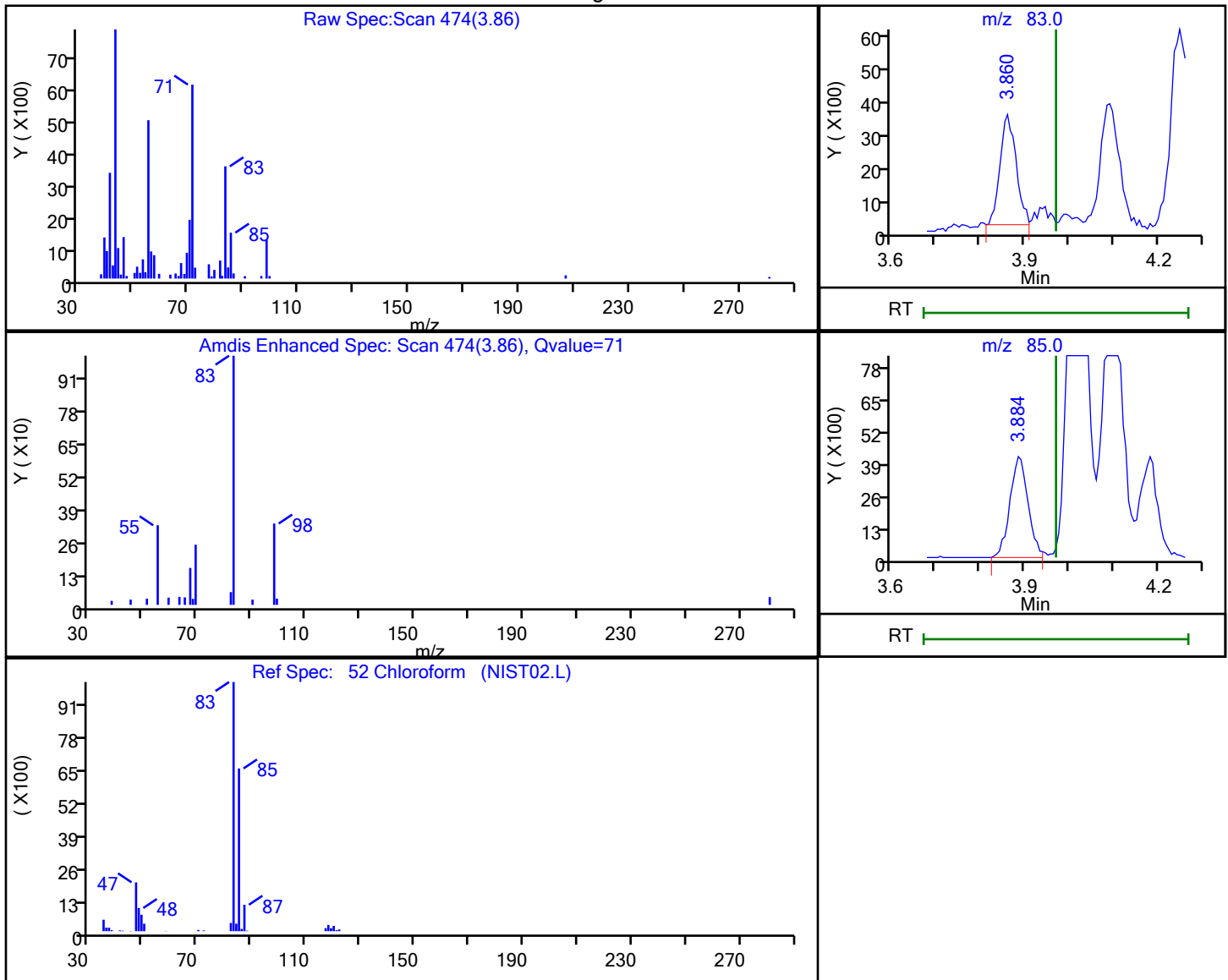
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.86	83.00	8459	1.356440
3.88	85.00	11790	

Reviewer: FK2C, 01-Nov-2022 12:29:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

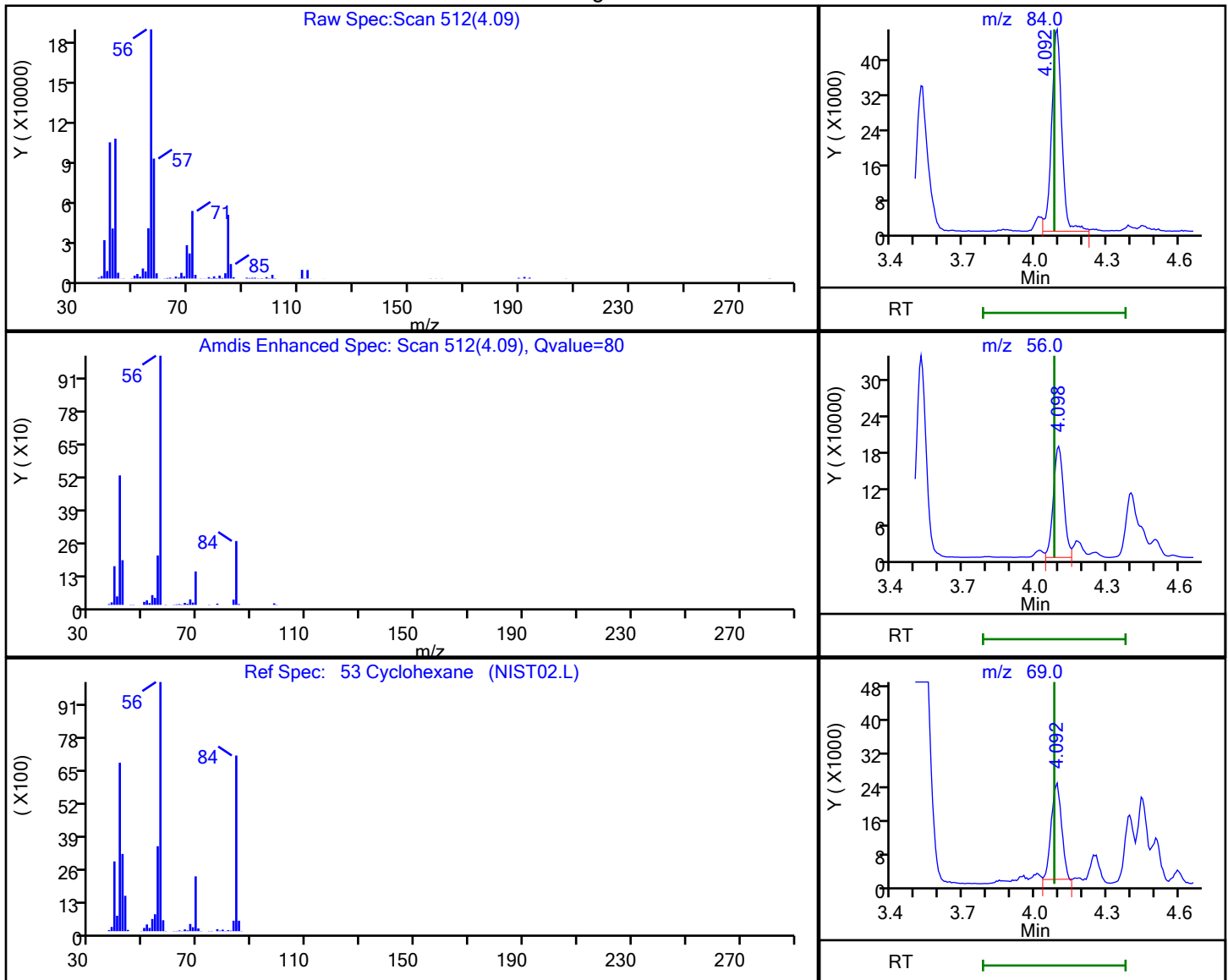
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.09	84.00	138834	32.316392
4.10	56.00	570281	
4.09	69.00	70174	

Reviewer: W9CM, 02-Nov-2022 22:23:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

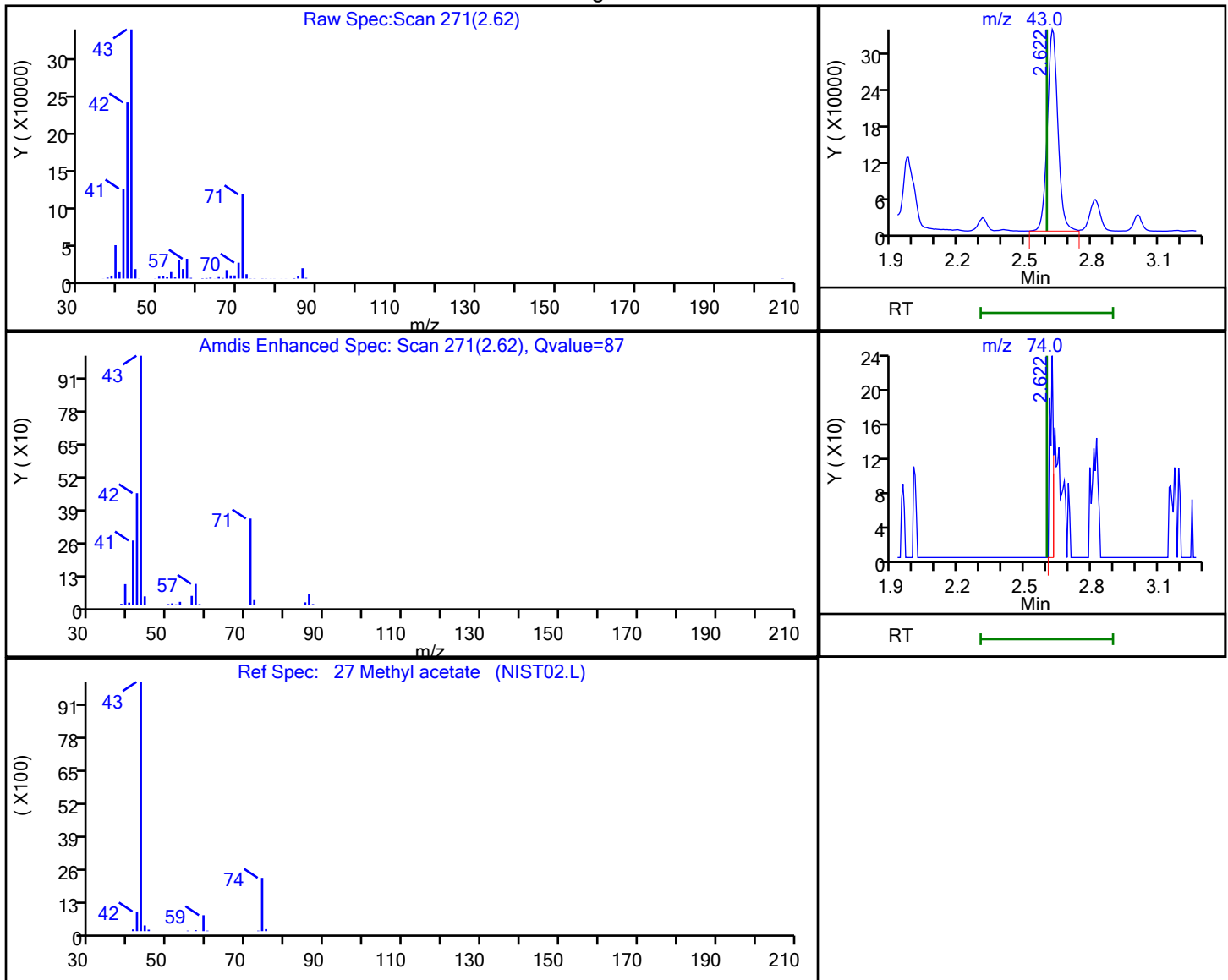
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.62	43.00	1122878	420.9529
2.62	74.00	243	

Reviewer: FK2C, 01-Nov-2022 12:29:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

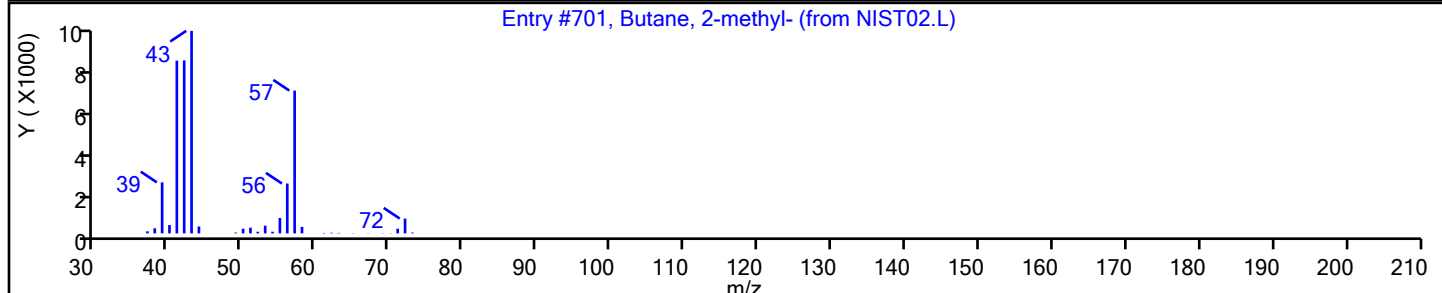
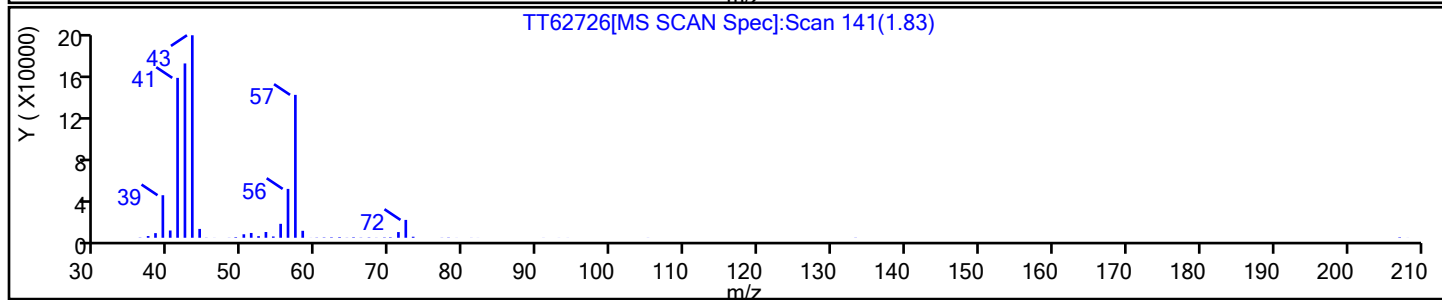
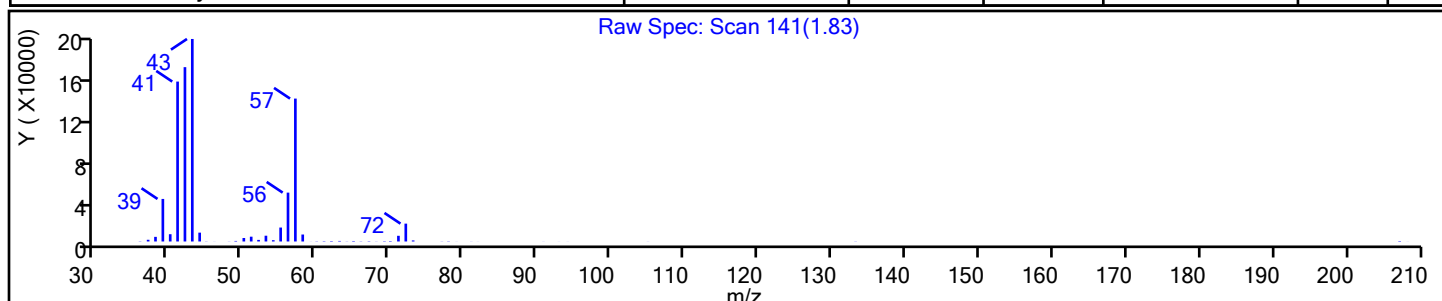
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02.L	701	C5H12	72	94



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

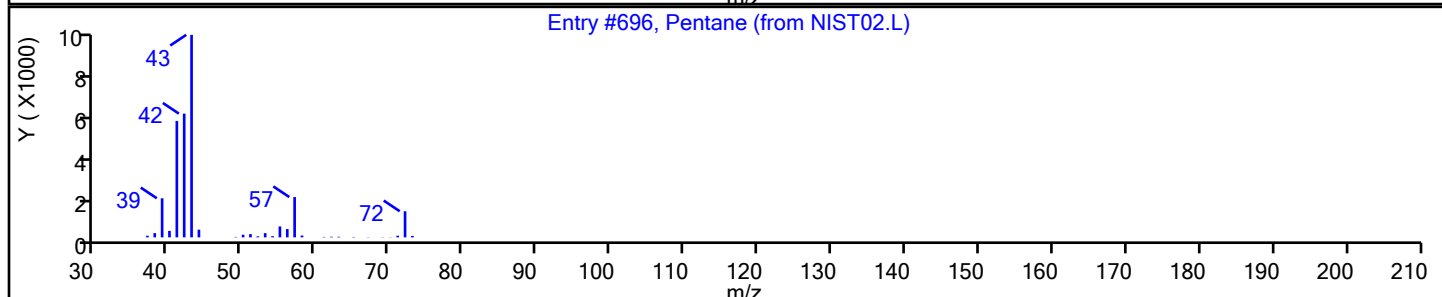
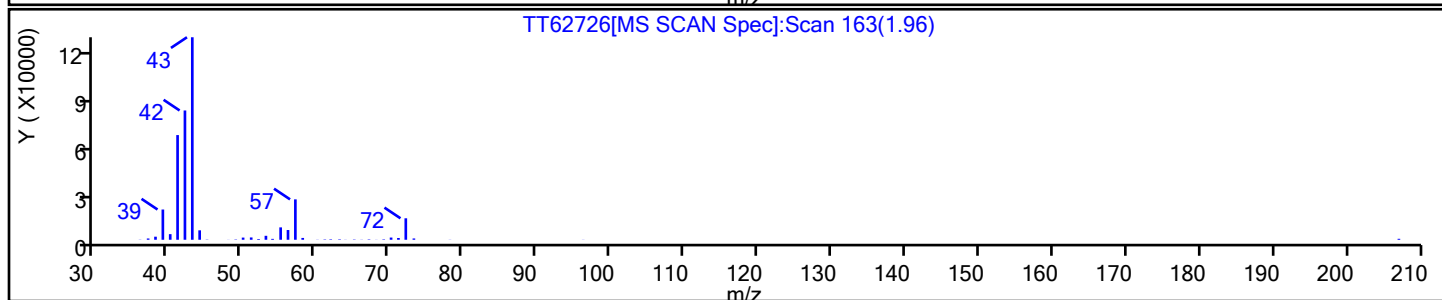
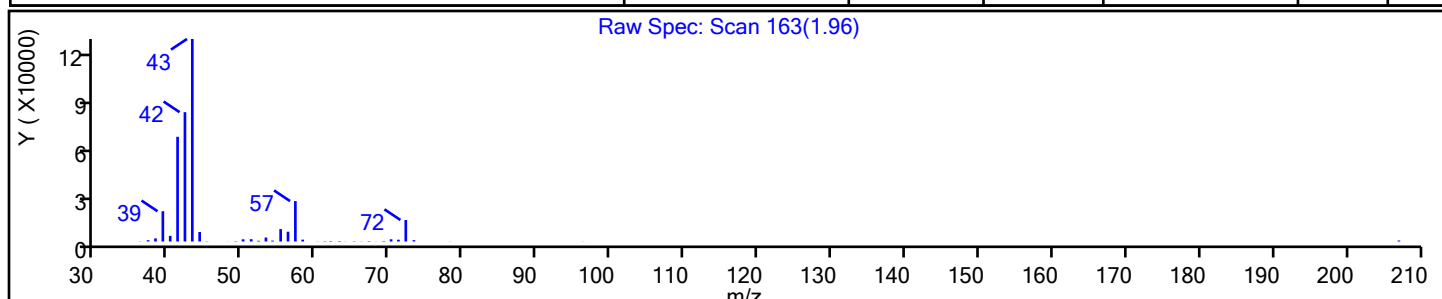
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST02.L	696	C5H12	72	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

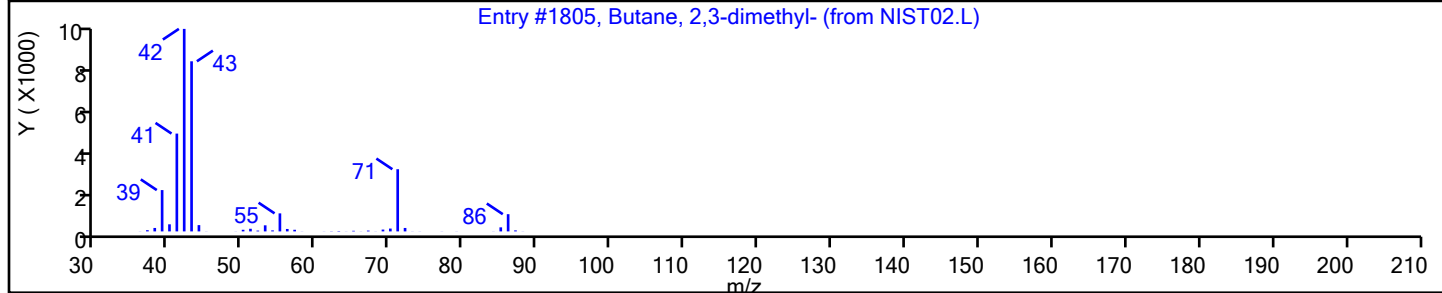
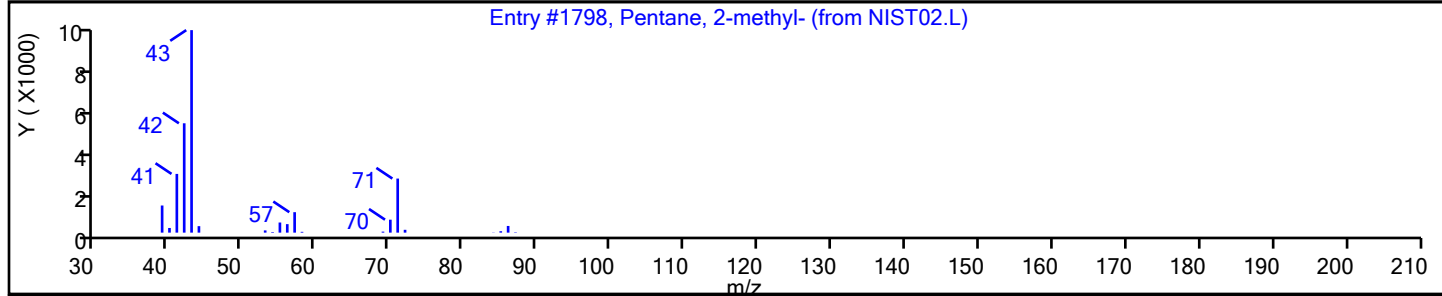
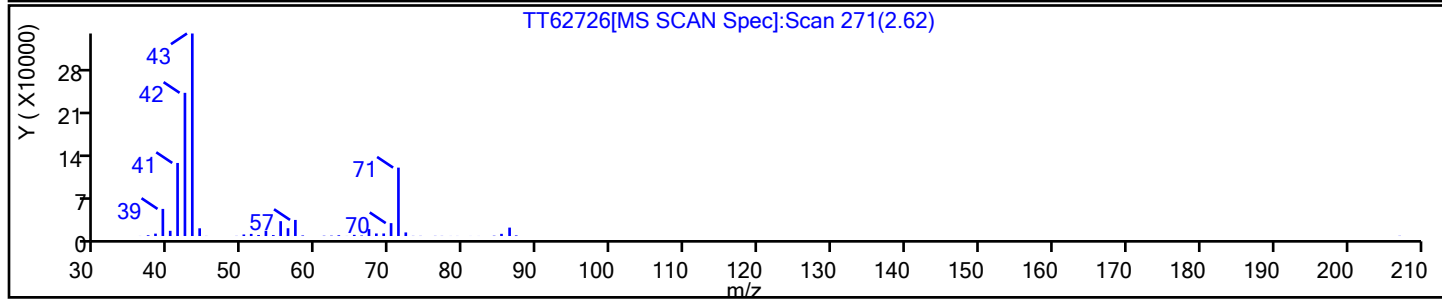
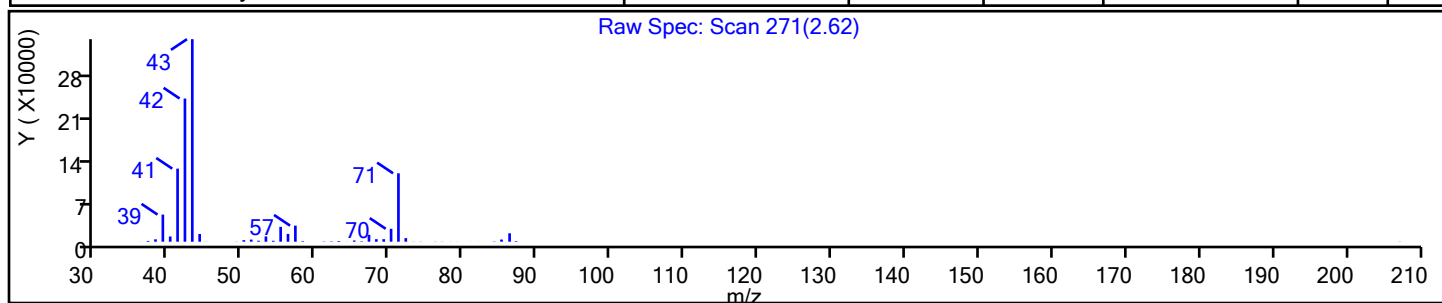
Limit Group: VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2-methyl-	107-83-5	NIST02.L	1798	C6H14	86	80
Butane, 2,3-dimethyl-	79-29-8	NIST02.L	1805	C6H14	86	74



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

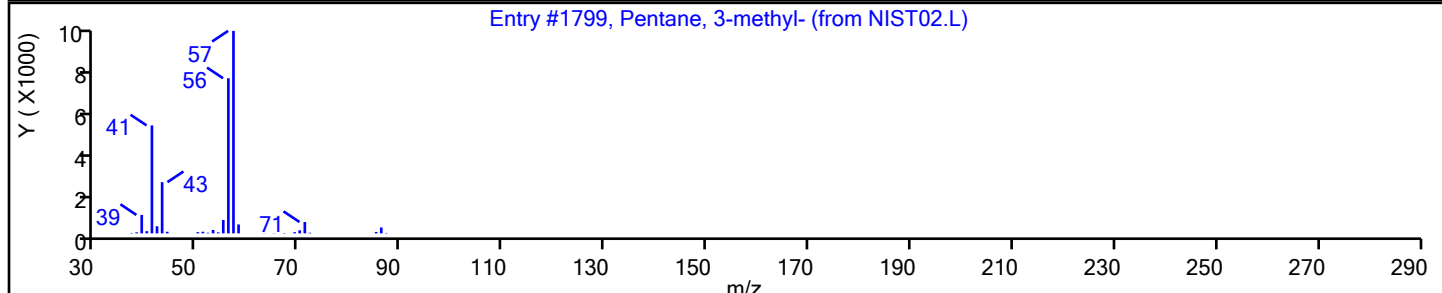
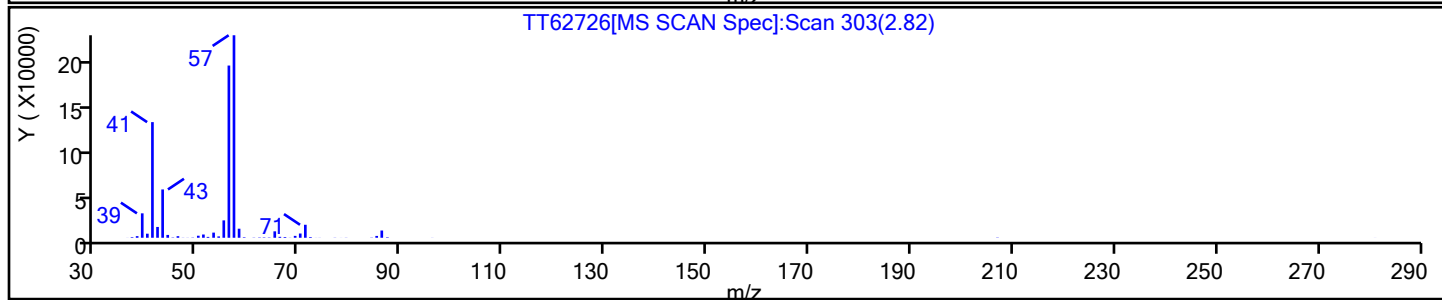
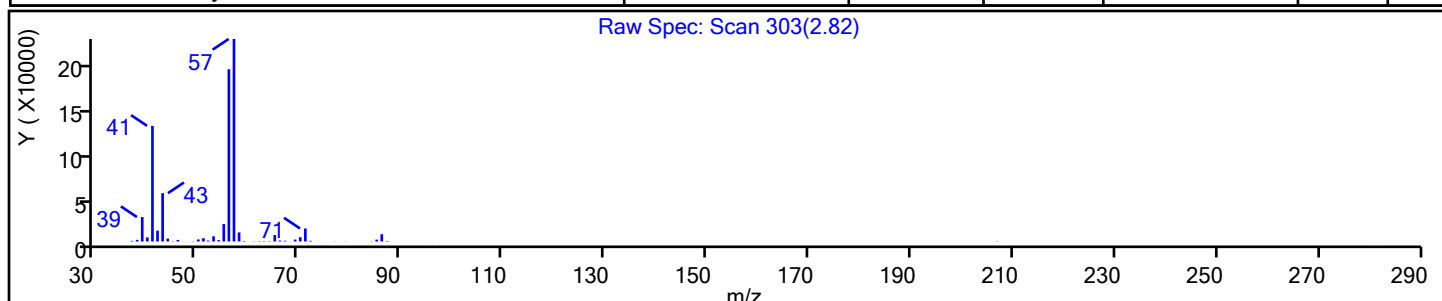
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 3-methyl-	96-14-0	NIST02.L	1799	C6H14	86	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

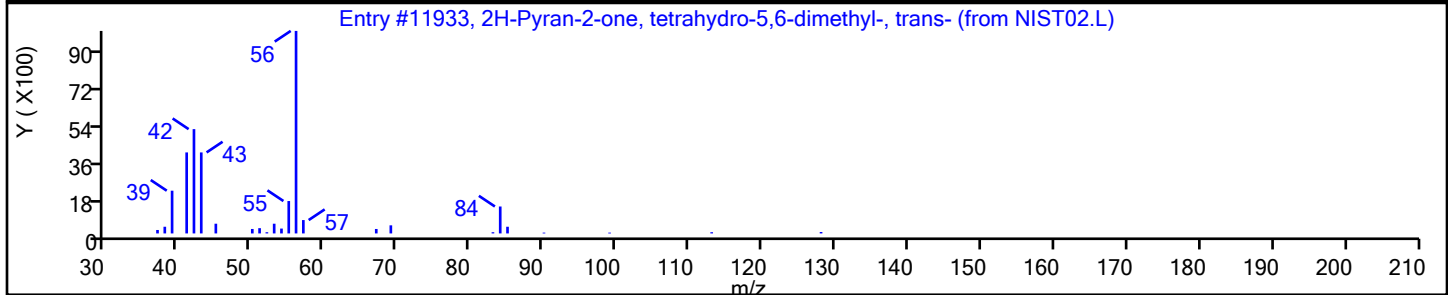
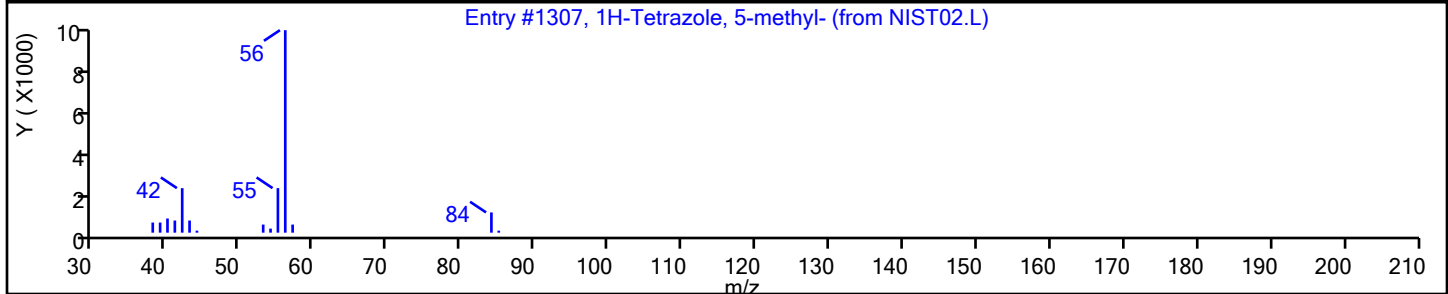
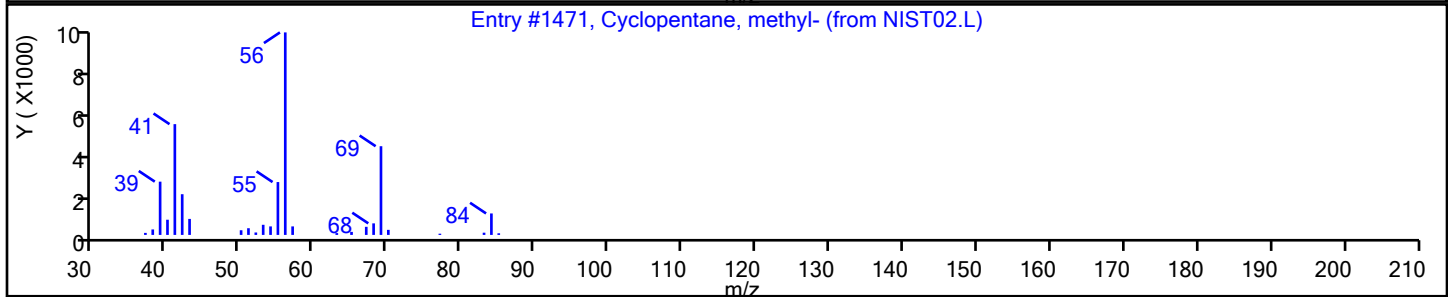
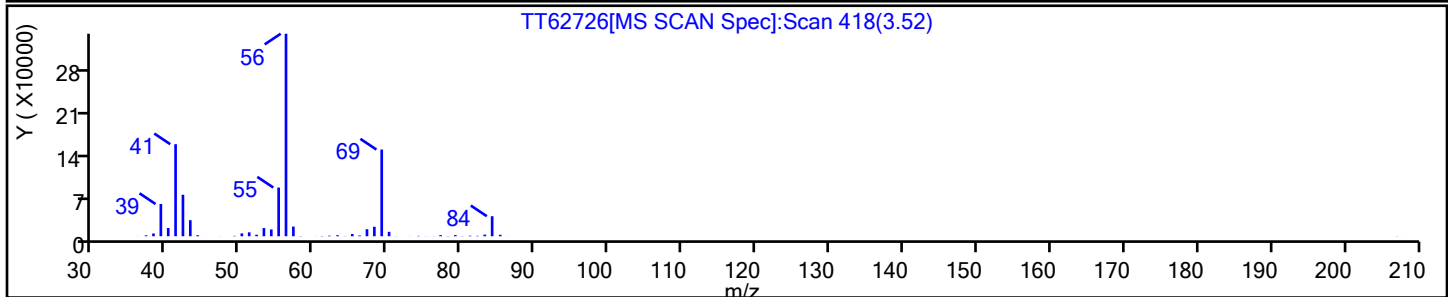
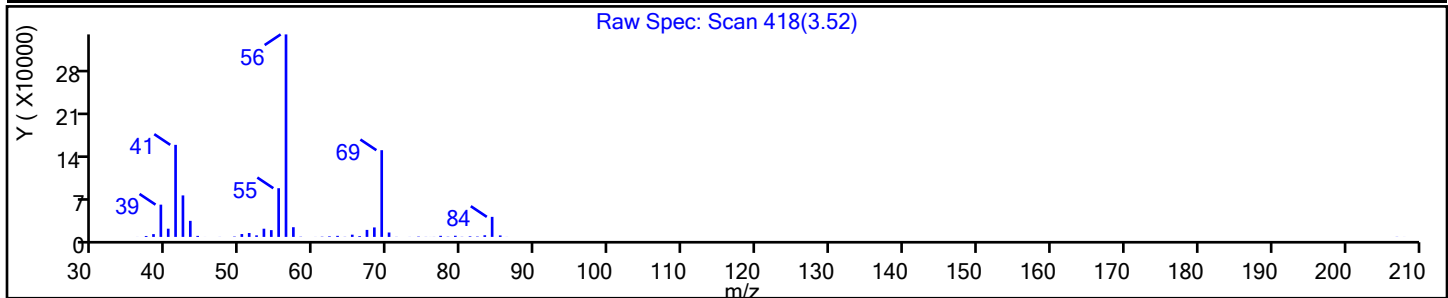
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, methyl-	96-37-7	NIST02.L	1471	C6H12	84	94
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.L	1307	C2H4N4	84	72
2H-Pyran-2-one, tetrahydro-5,6-dimethyl-, trans-	24405-16-1	NIST02.L	11933	C7H12O2	128	72



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

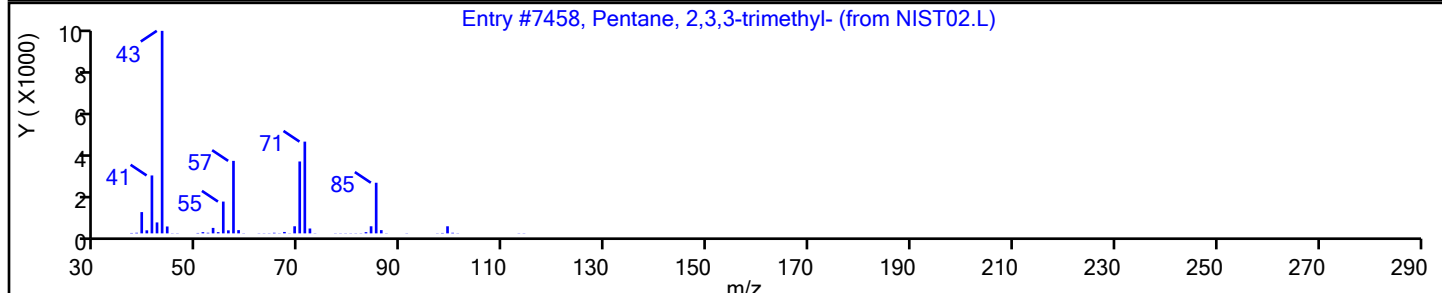
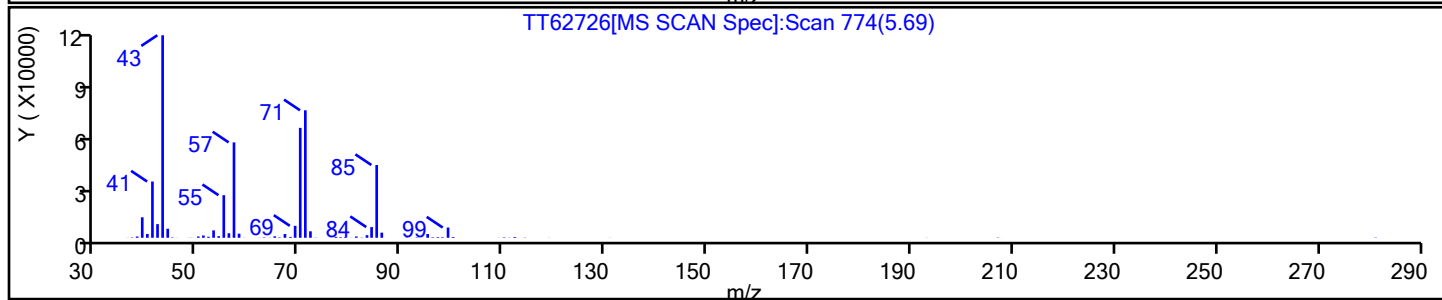
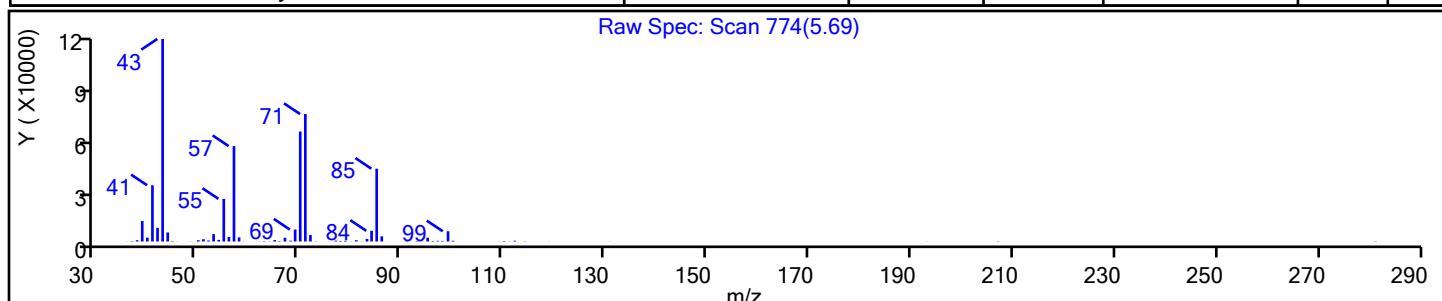
Method: 8260W_17

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	C ₈ H ₁₈	114	80



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

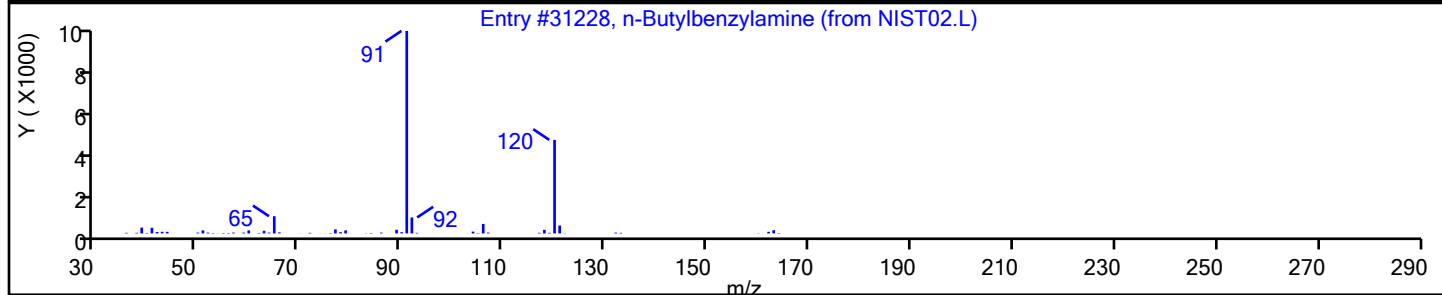
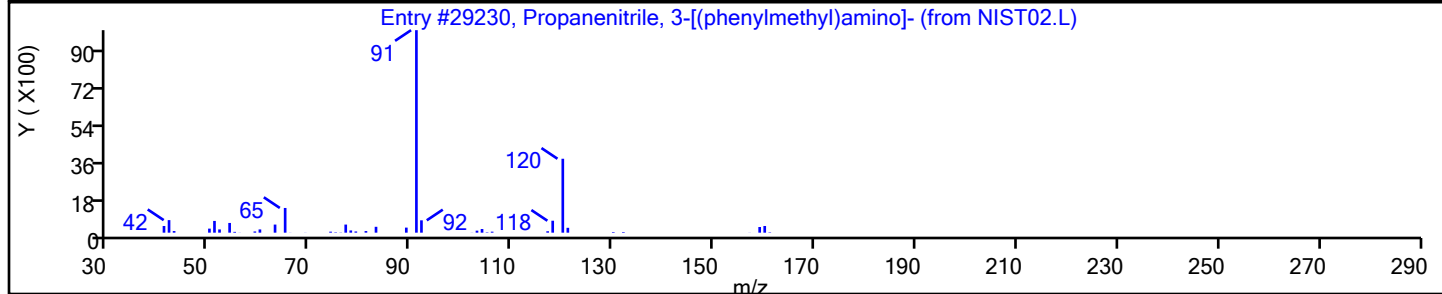
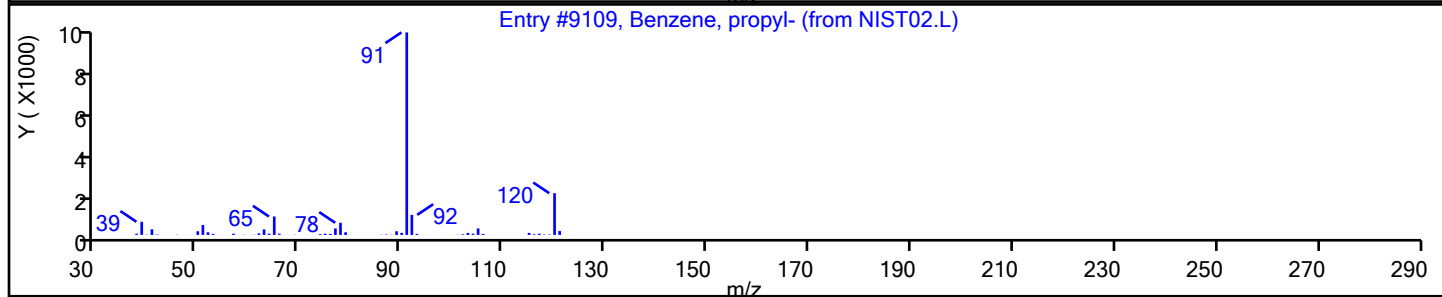
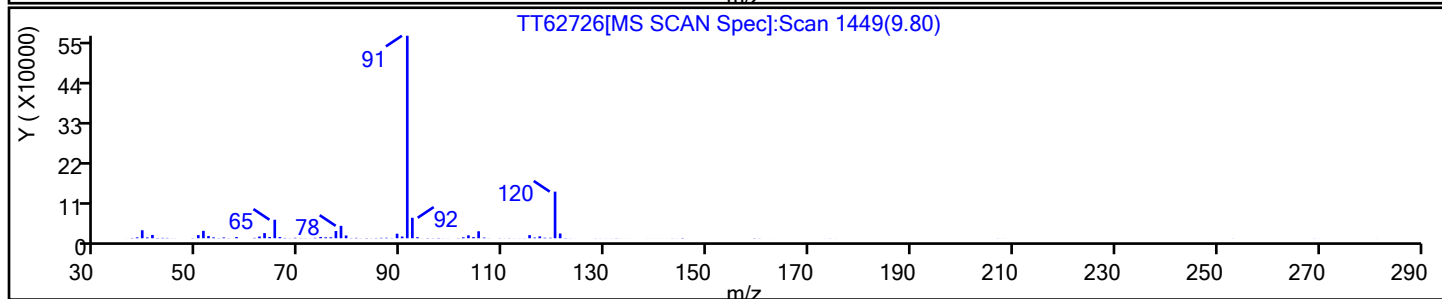
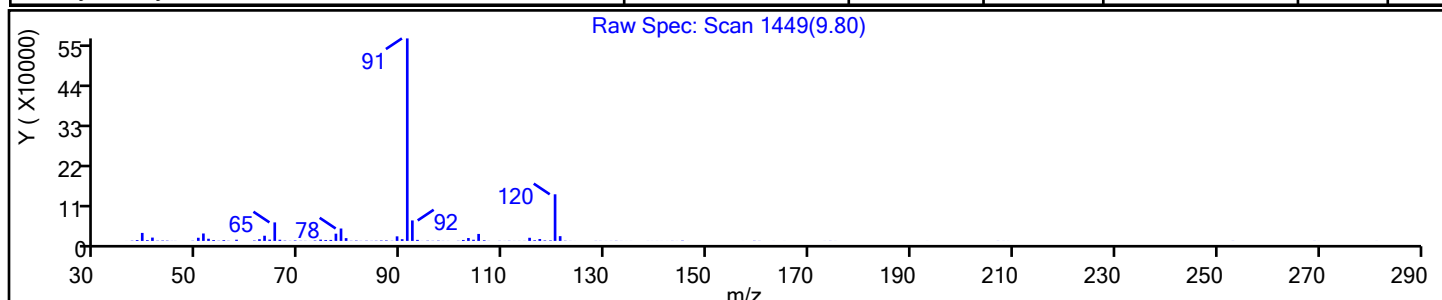
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, propyl-	103-65-1	NIST02.L	9109	C9H12	120	91
Propanenitrile, 3-[(phenylmethyl)amino]-	706-03-6	NIST02.L	29230	C10H12N2	160	72
n-Butylbenzylamine	2403-22-7	NIST02.L	31228	C11H17N	163	72



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#:

12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

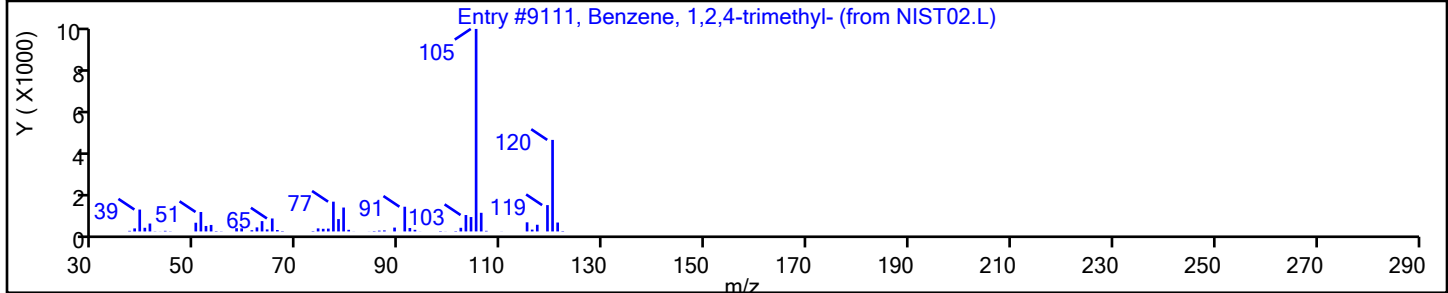
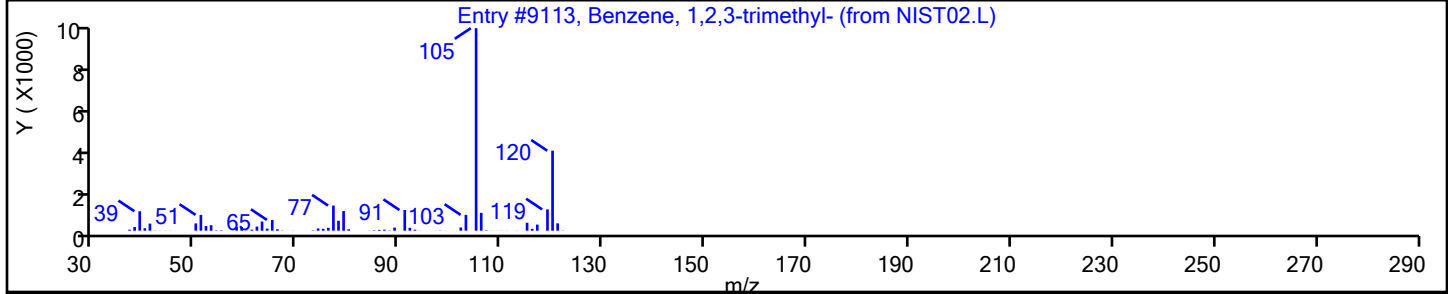
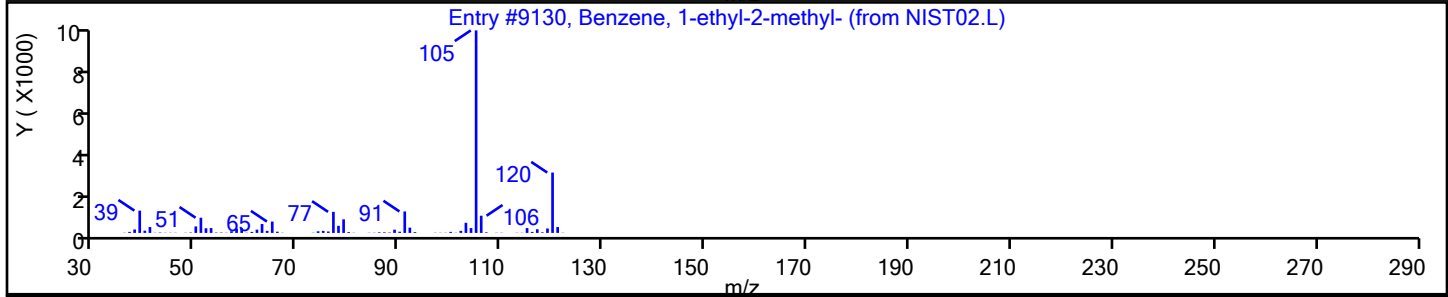
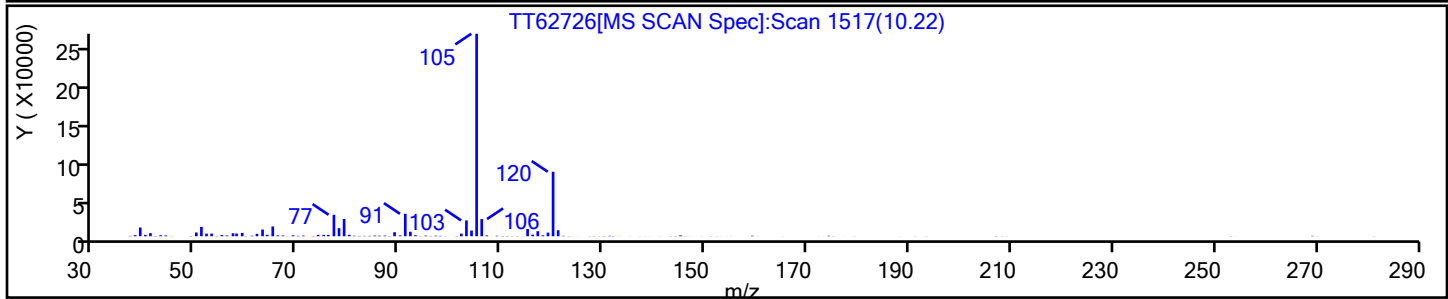
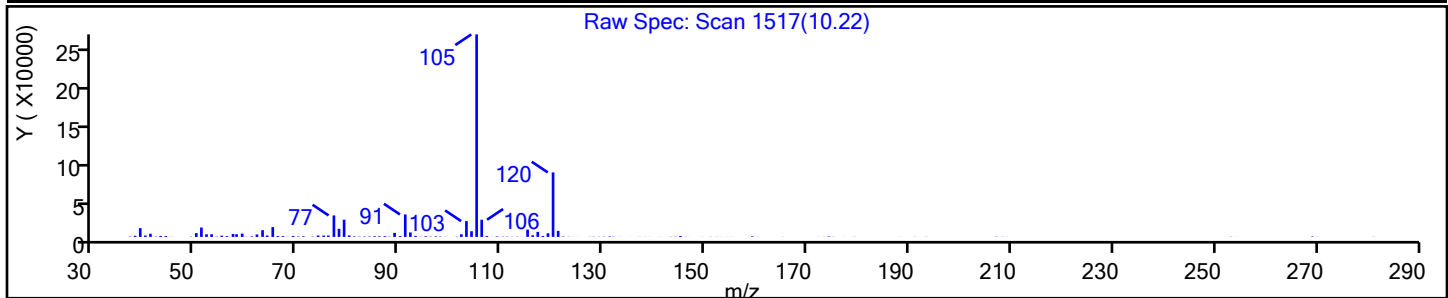
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.L	9130	C9H12	120	94
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9113	C9H12	120	93
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9111	C9H12	120	90



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

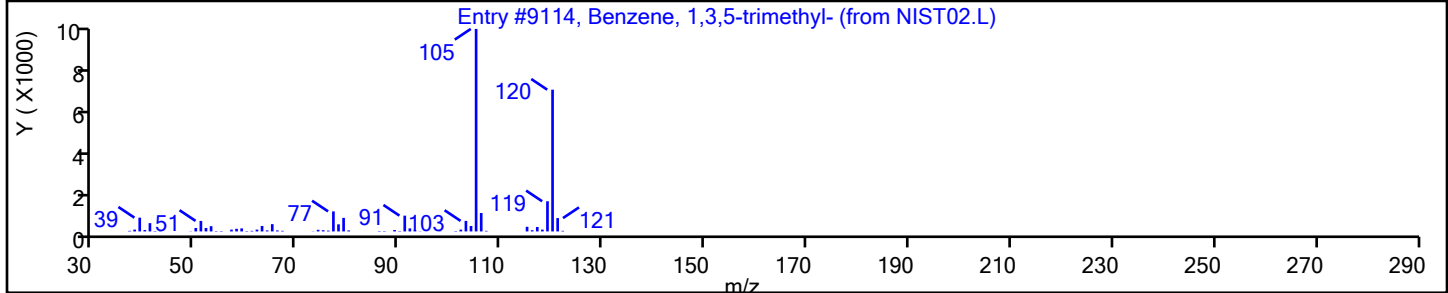
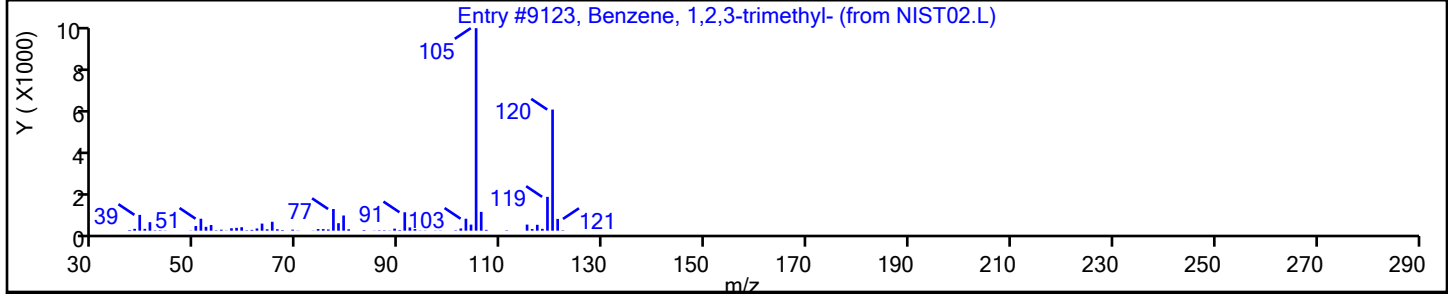
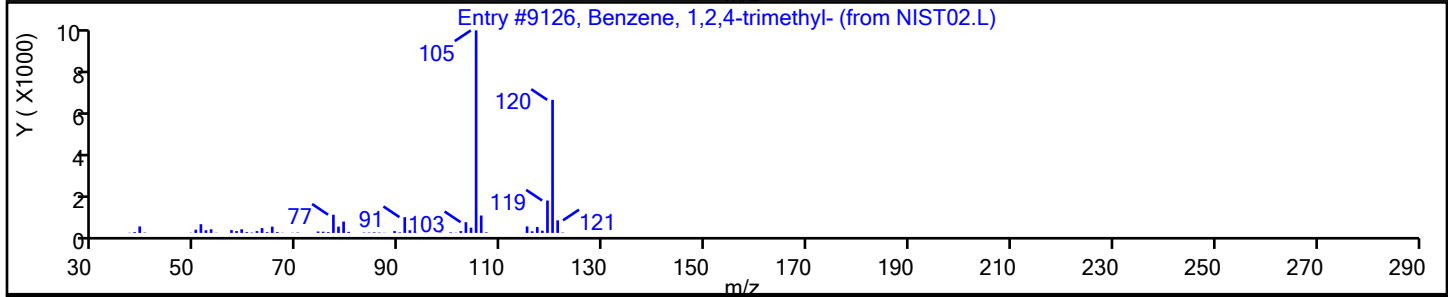
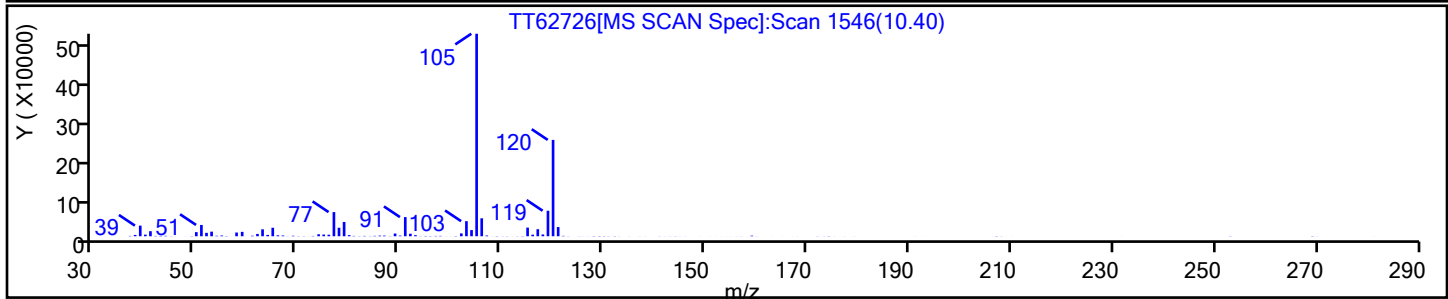
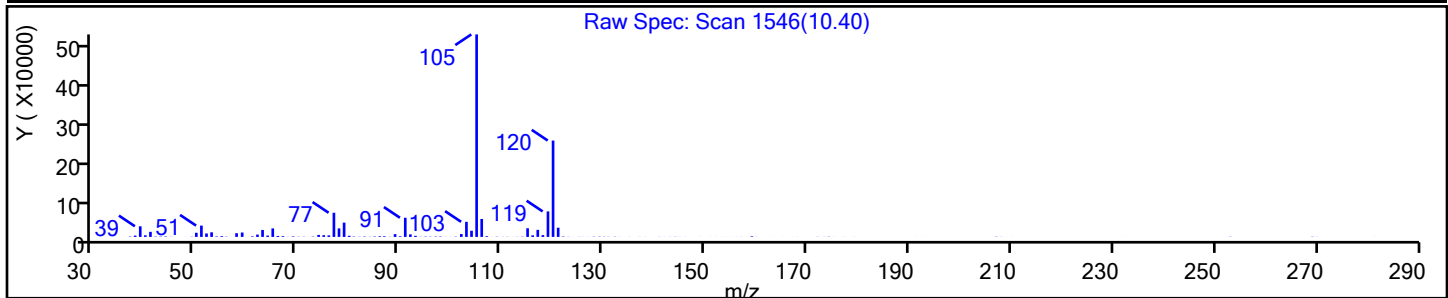
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4-trimethyl-	95-63-6	NIST02.L	9126	C9H12	120	95
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.L	9123	C9H12	120	97
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.L	9114	C9H12	120	94



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62726.D

Injection Date: 01-Nov-2022 10:05:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-3

Lab Sample ID: 460-268448-3

Client ID: CVW-MW-3

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

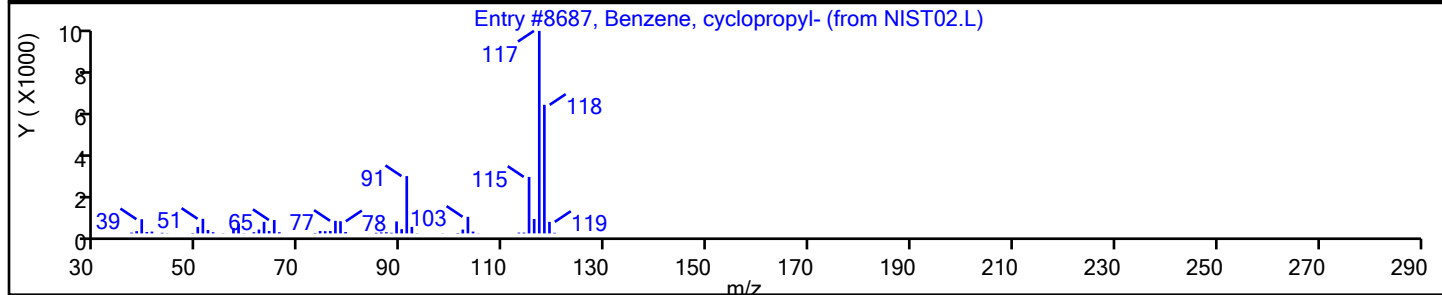
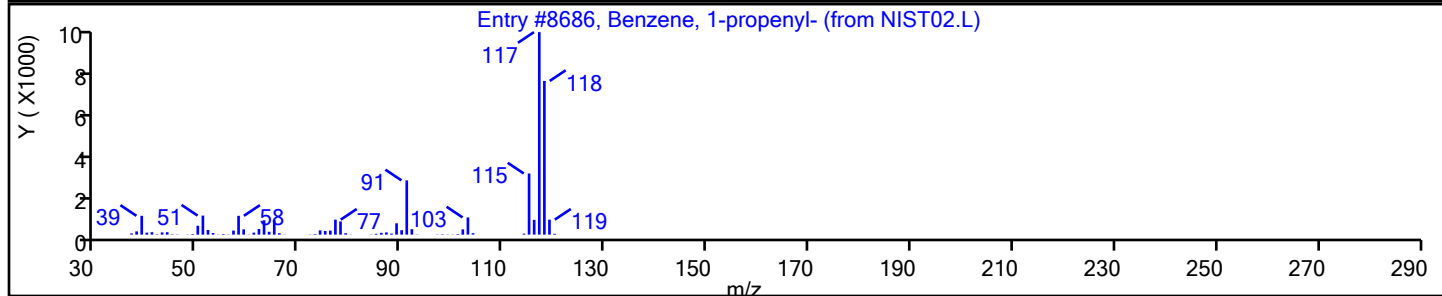
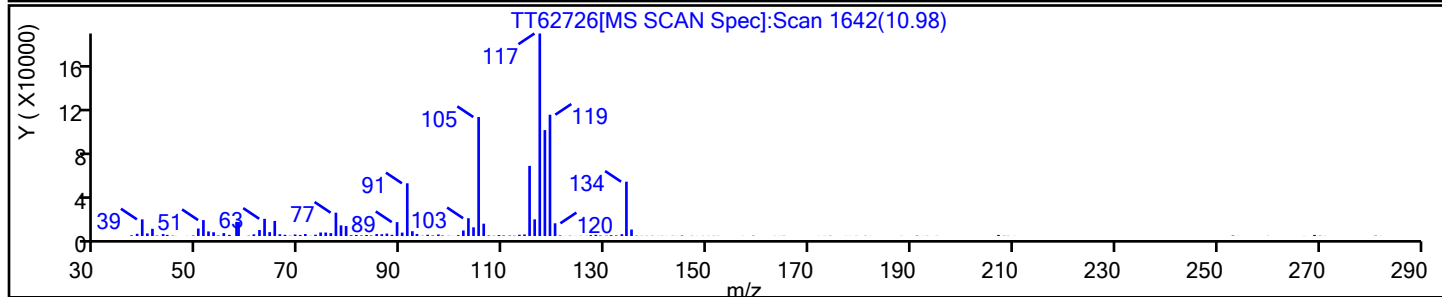
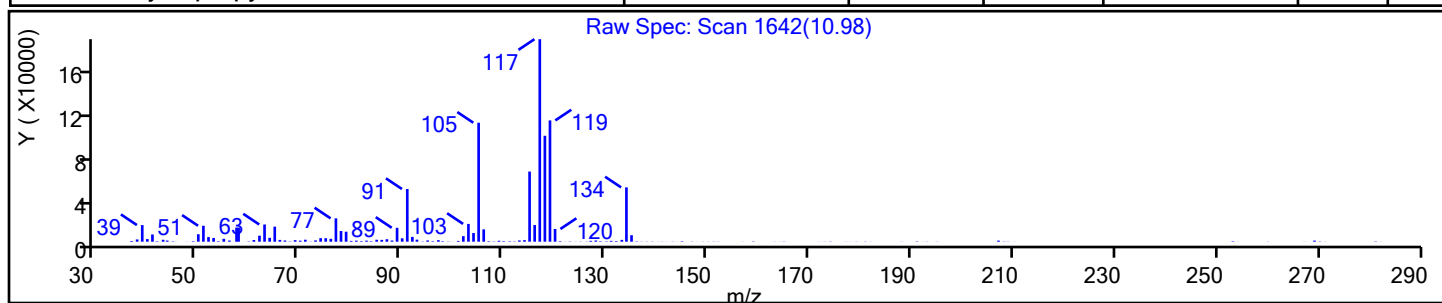
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-propenyl-	637-50-3	NIST02.L	8686	C9H10	118	87
Benzene, cyclopropyl-	873-49-4	NIST02.L	8687	C9H10	118	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4A</u>	Lab Sample ID: <u>460-268448-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62725.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 11:00</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>11/01/2022 09:44</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</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	9.2		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	1.2		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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4A</u>	Lab Sample ID: <u>460-268448-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62725.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 09:44</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</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)	87		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4A</u>	Lab Sample ID: <u>460-268448-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62725.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 11:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 09:44</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: <u>6.0</u>
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>875343</u>	Units: <u>ug/L</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>305</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	11.51	19	J	
824-90-8	1-Phenyl-1-butene	12.12	28	J N	87%
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-	12.25	21	J N	96%
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl)-	12.49	27	J N	90%
3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	12.68	24	J N	89%
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	12.74	27	J N	94%
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	13.04	63	J N	96%
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	13.28	37	J N	95%
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dimethyl-	13.40	40	J N	93%
22531-20-0	Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	13.69	19	J N	95%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D
 Lims ID: 460-268448-A-4
 Client ID: CVW-MW-4A
 Sample Type: Client
 Inject. Date: 01-Nov-2022 09:44:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-A-4
 Misc. Info.: 460-0152569-011
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:04:47 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:29:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.409	2.391	0.018	90	7421	9.18	
24 Carbon disulfide	76	2.494	2.476	0.018	41	4529	0.3430	M
* 31 TBA-d9 (IS)	66	2.738	2.726	0.012	0	29381	1000.0	
* 42 2-Butanone-d5	46	3.683	3.677	0.006	0	203169	250.0	
52 Chloroform	83	3.976	3.970	0.006	99	7097	1.18	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	98	105232	48.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	103697	43.5	
* 66 Fluorobenzene	96	4.701	4.695	0.006	99	418821	50.0	
* 72 1,4-Dioxane-d8	96	5.378	5.378	0.000	0	15877	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.299	-0.001	99	374741	47.6	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	293251	50.0	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	123529	53.5	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	173157	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D
 Lims ID: 460-268448-A-4
 Client ID: CVW-MW-4A
 Sample Type: Client
 Inject. Date: 01-Nov-2022 09:44:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-A-4
 Misc. Info.: 460-0152569-011
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:04:47 Calib Date: 15-Oct-2022 04:30:30
 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 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611
 First Level Reviewer: FK2C Date: 01-Nov-2022 12:29:24

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
Unknown								
11.505	351826	19.1	121					
824-90-8	1-Phenyl-1-butene							
12.120	516727	28.0	121	87	13569	C10H12	132	
119-64-2	Naphthalene, 1,2,3,4-tetrahydro-							
12.248	380375	20.6	121	96	13612	C10H12	132	
97664-19-2	Benzene, 1-methyl-2-(1-methyl-2-propenyl)-							
12.486	503095	27.3	121	90	20774	C11H14	146	
3877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-methyl-							
12.675	444887	24.1	121	89	20759	C11H14	146	
1559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-methyl-							
12.742	489443	26.6	121	94	20757	C11H14	146	
1680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-methyl-							
13.035	1162263	63.1	121	96	20765	C11H14	146	
2809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-methyl-							
13.279	675725	36.7	121	95	20763	C11H14	146	
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dimethyl-							
13.401	744386	40.4	121	93	29448	C12H16	160	
22531-20-0	Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-							
13.693	358490	19.5	121	95	29429	C12H16	160	

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Quantitation Compounds

Compound	RT	Area	Amount ug/l

* 121 1,4-Dichlorobenzene-d4	10.755	921342	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

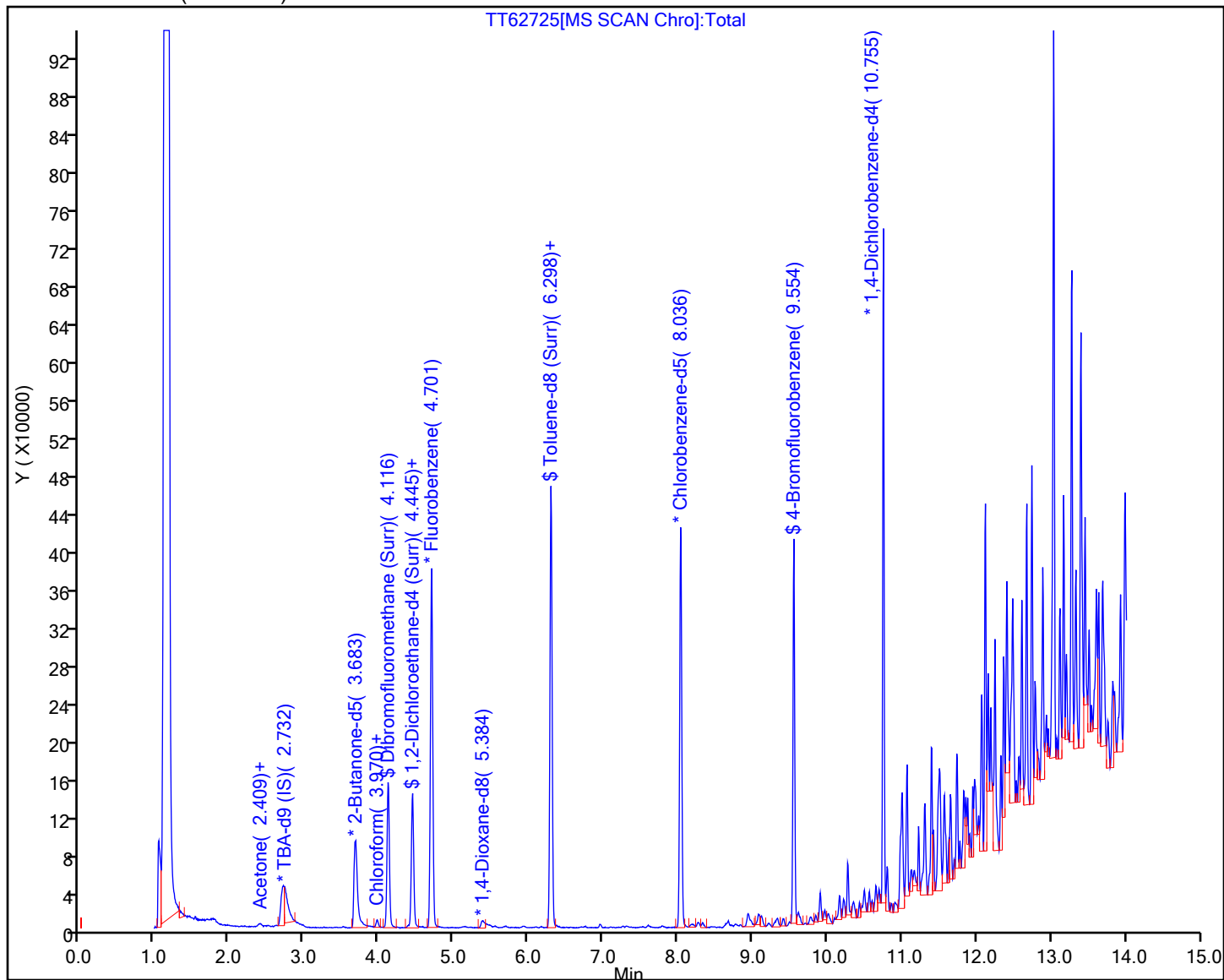
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D
Lims ID: 460-268448-A-4
Client ID: CVW-MW-4A
Sample Type: Client
Inject. Date: 01-Nov-2022 09:44:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268448-A-4
Misc. Info.: 460-0152569-011
Operator ID: Instrument ID: CVOAMS17
Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2022 07:04:47 Calib Date: 15-Oct-2022 04:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:29:24

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	48.9	97.75
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.5	87.08
\$ 83 Toluene-d8 (Surr)	50.0	47.6	95.27
\$ 105 4-Bromofluorobenzene	50.0	53.5	106.99

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

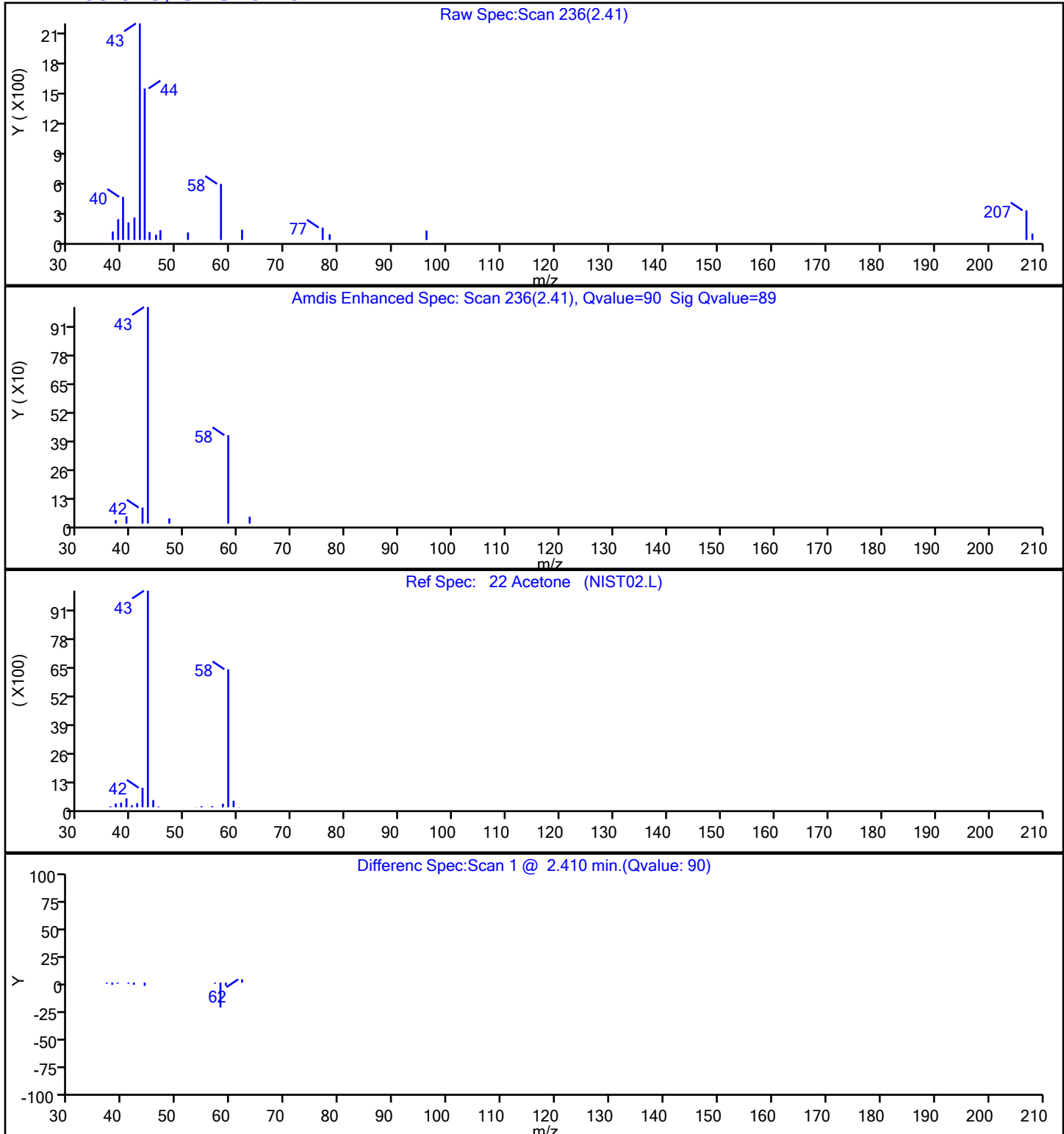
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

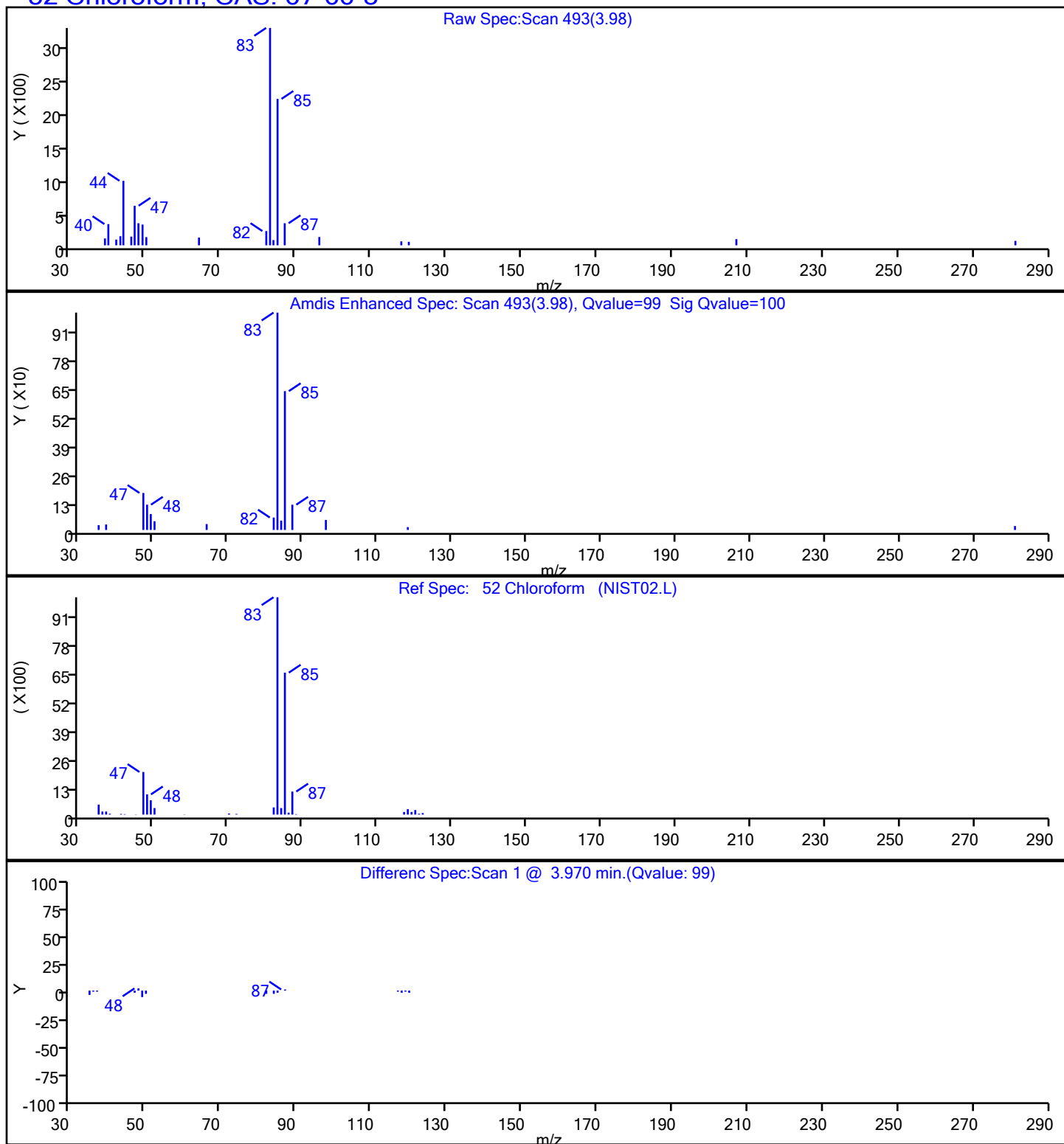
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

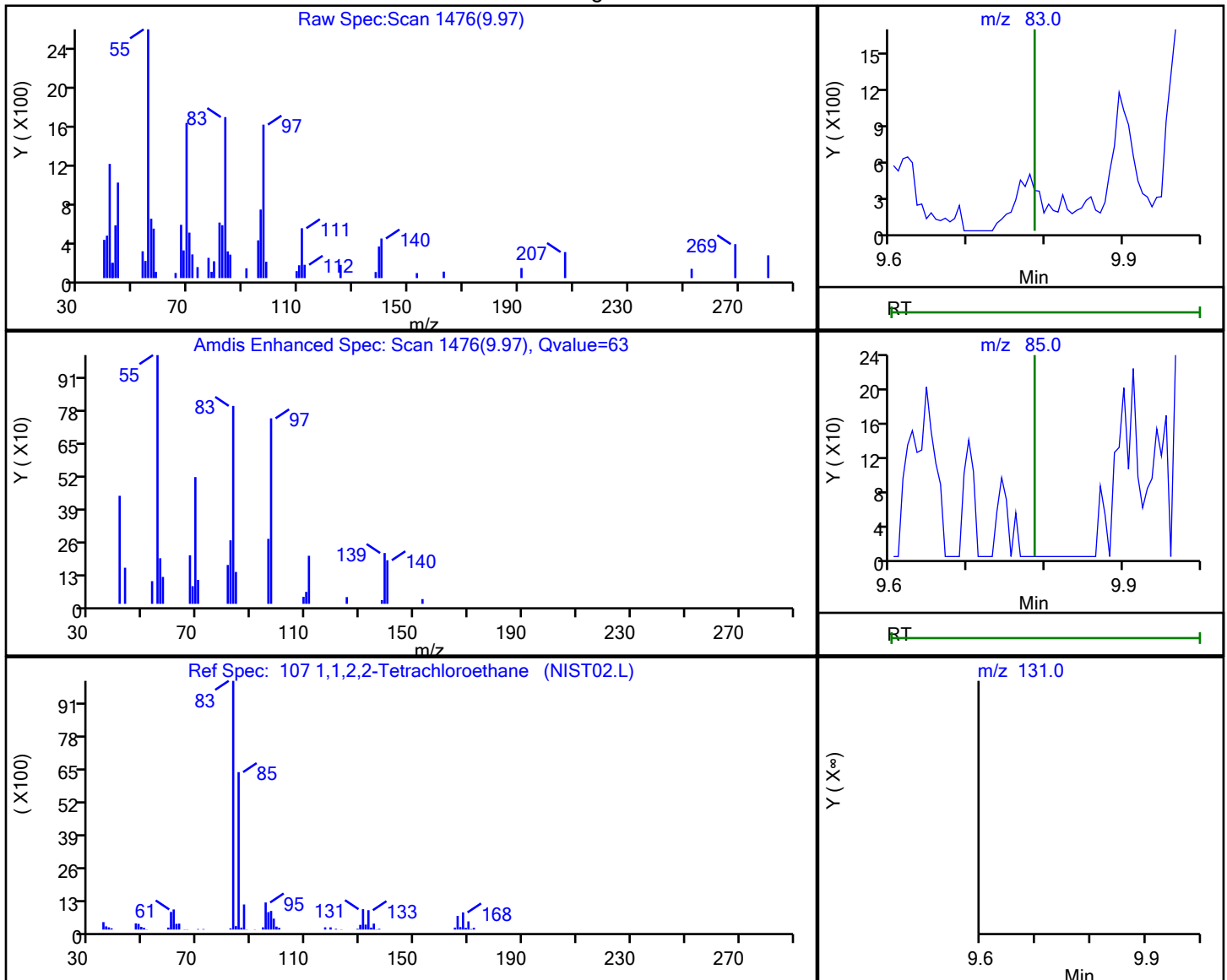
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.97	83.00	2284	0.535674
9.97	85.00	625	
9.79	131.00	0	

Reviewer: FK2C, 01-Nov-2022 12:29:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

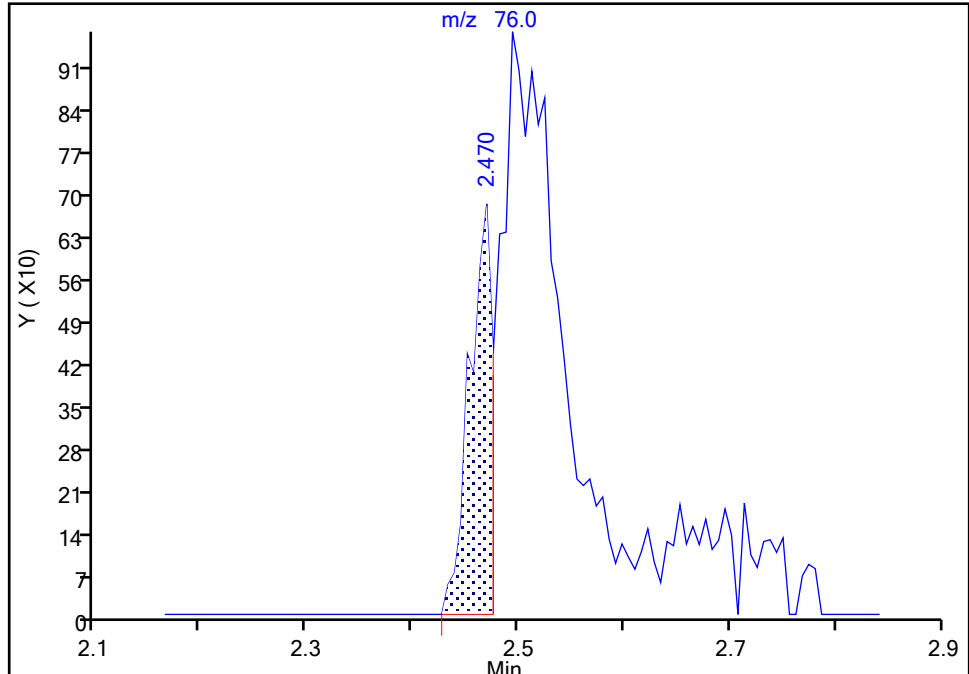
Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

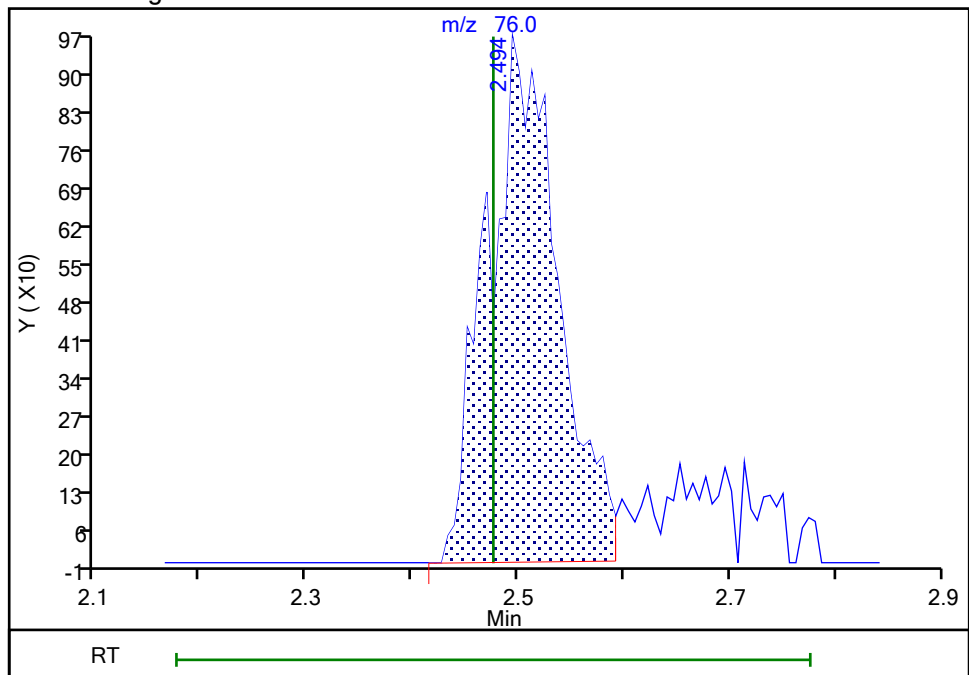
RT: 2.47
Area: 1024
Amount: 0.077549
Amount Units: ug/l

Processing Integration Results



RT: 2.49
Area: 4529
Amount: 0.342986
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 03-Nov-2022 07:04:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

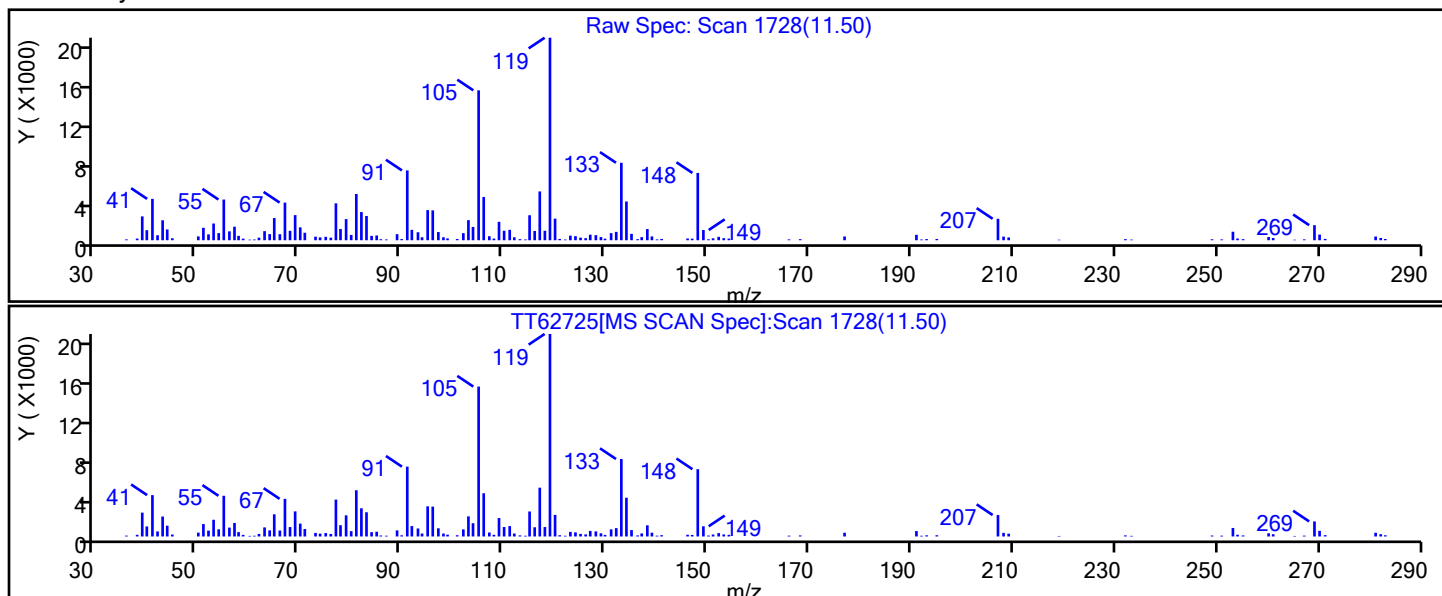
Method: 8260W_17

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\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

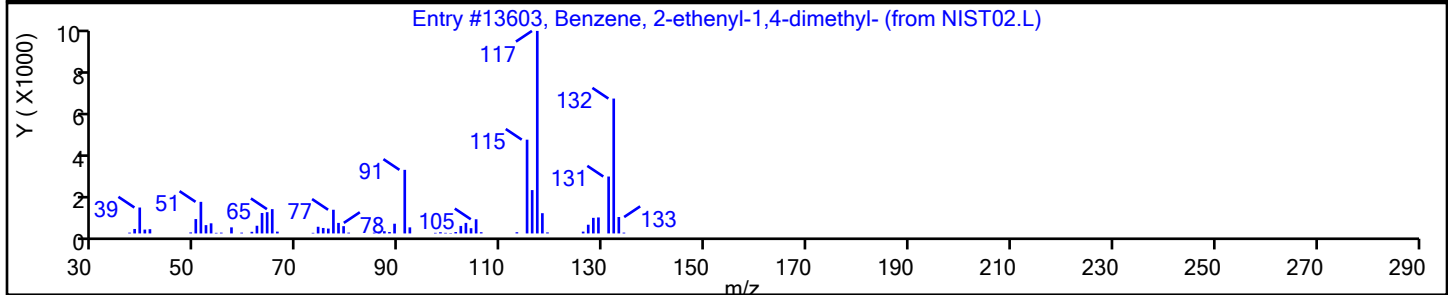
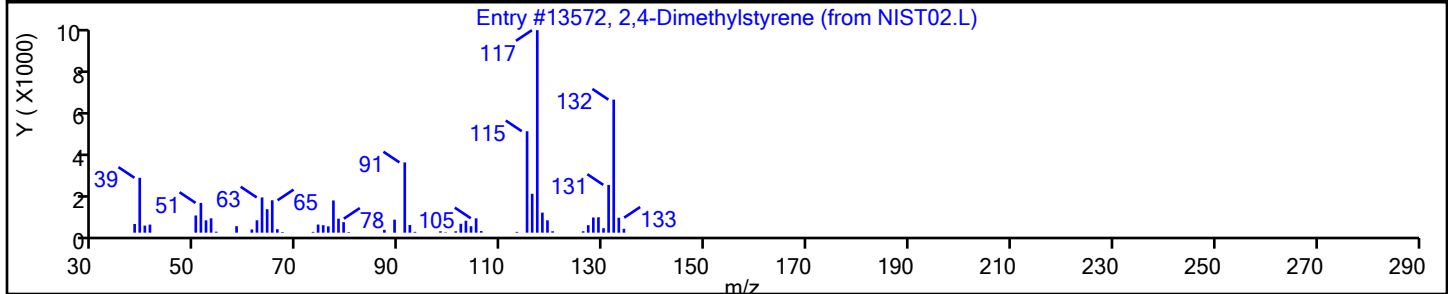
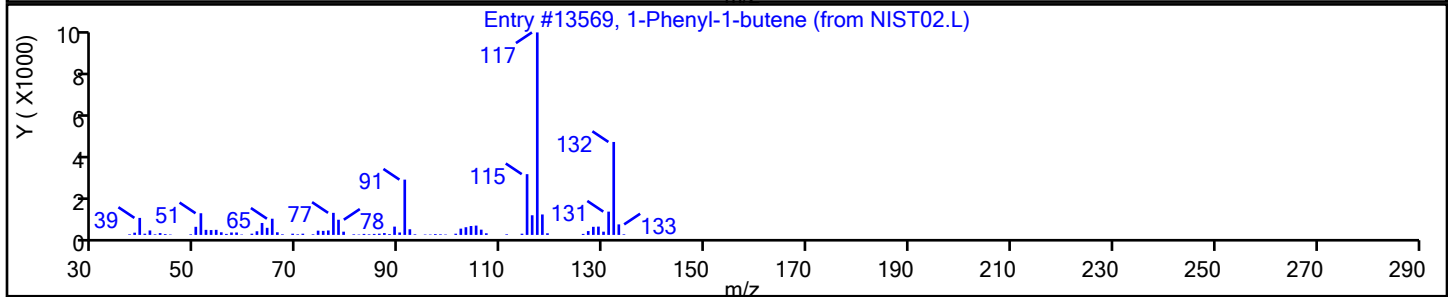
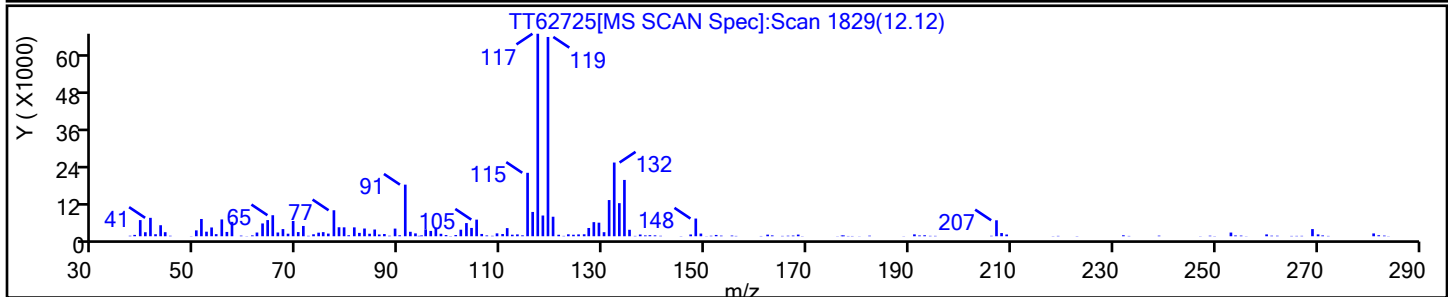
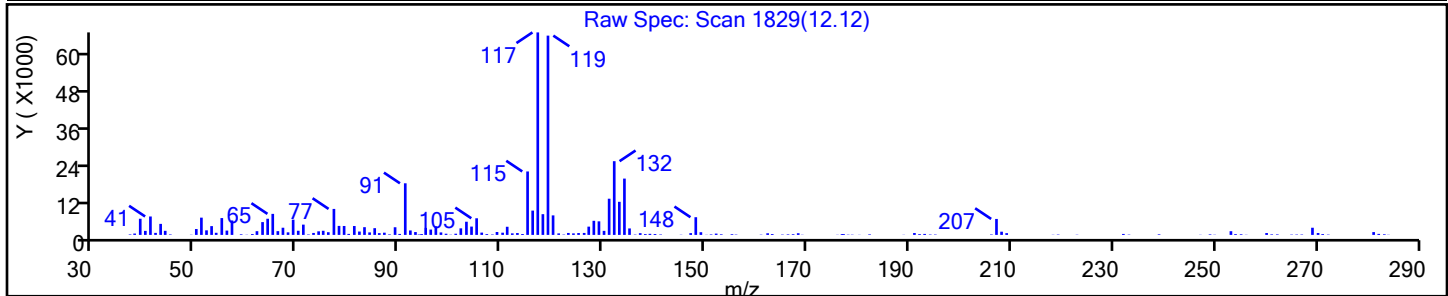
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Phenyl-1-butene	824-90-8	NIST02.L	13569	C10H12	132	87
2,4-Dimethylstyrene	2234-20-0	NIST02.L	13572	C10H12	132	86
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.L	13603	C10H12	132	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

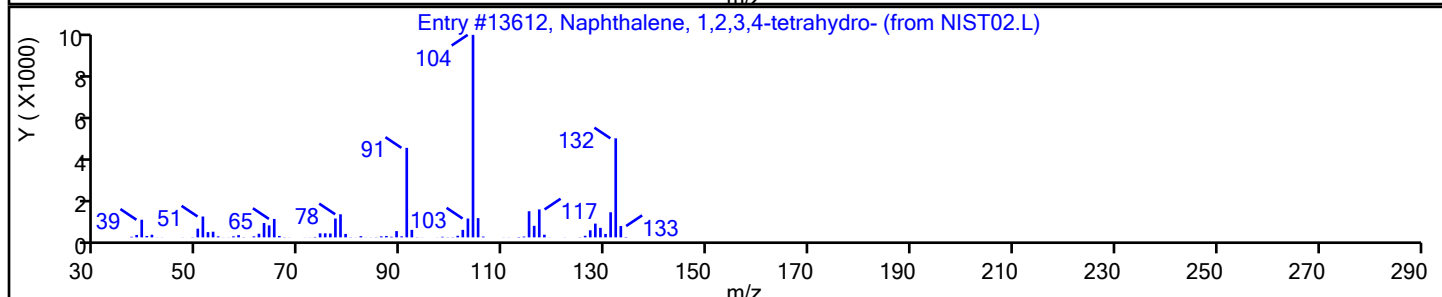
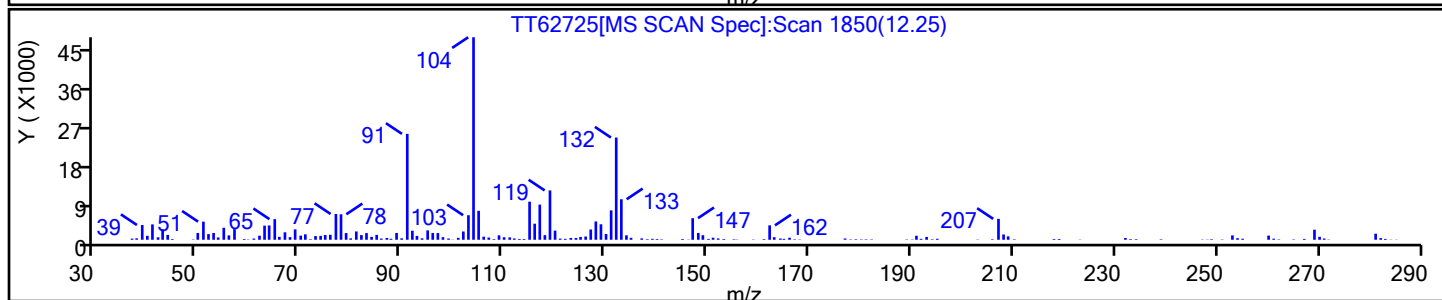
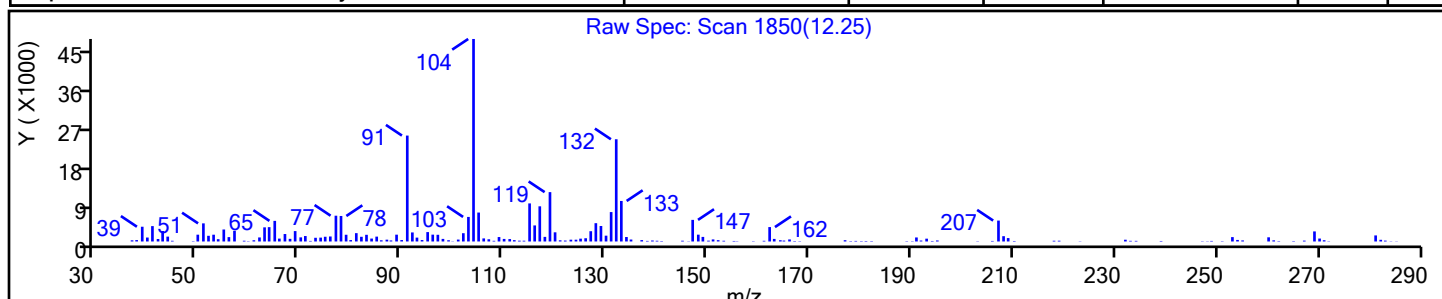
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-	119-64-2	NIST02.L	13612	C10H12	132	96



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

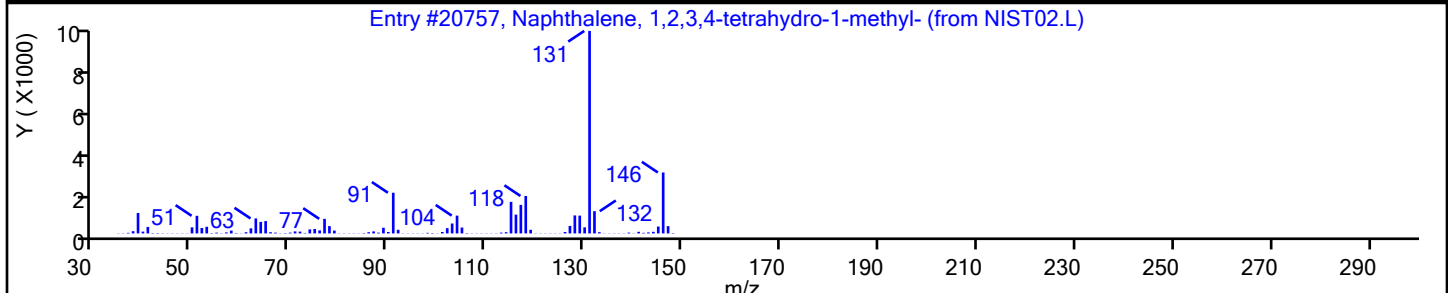
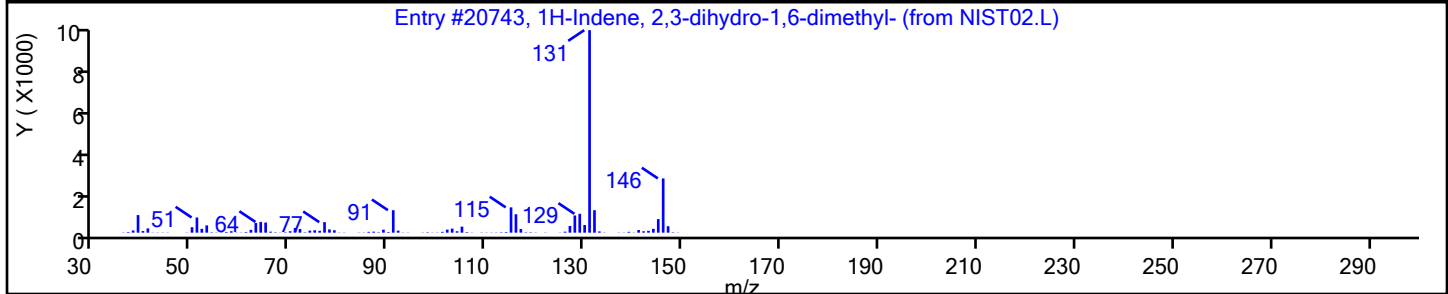
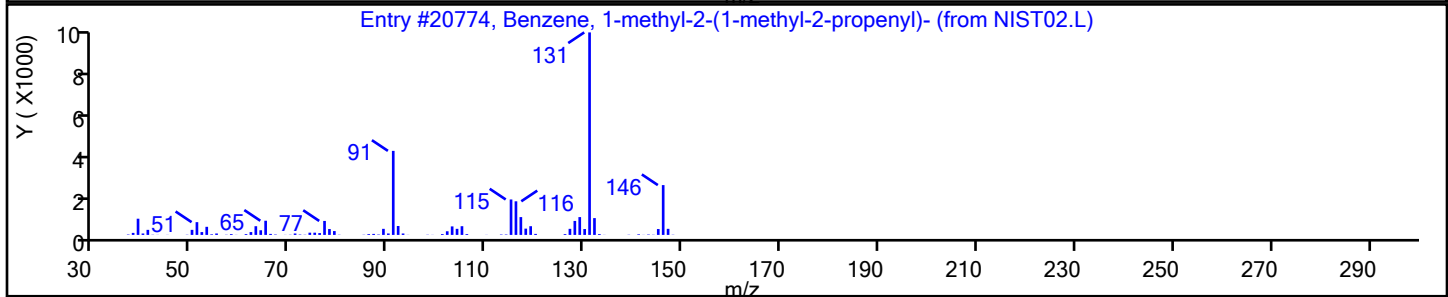
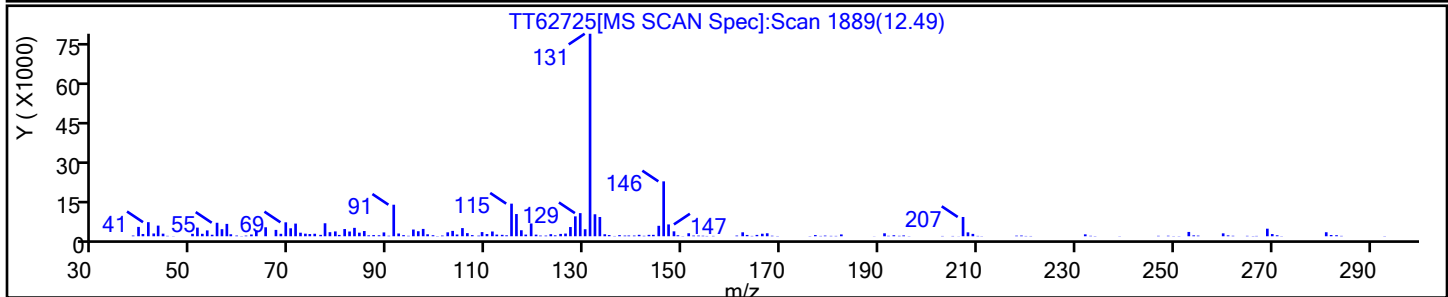
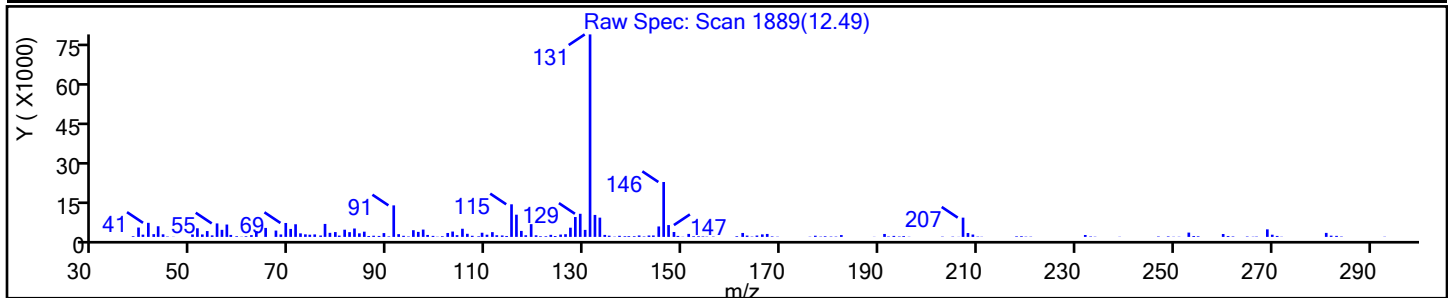
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methyl-2-propenyl)-	97664-19-2	NIST02.L	20774	C11H14	146	90
1H-Indene, 2,3-dihydro-1,6-dimethyl-	17059-48-2	NIST02.L	20743	C11H14	146	81
Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	1559-81-5	NIST02.L	20757	C11H14	146	81



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

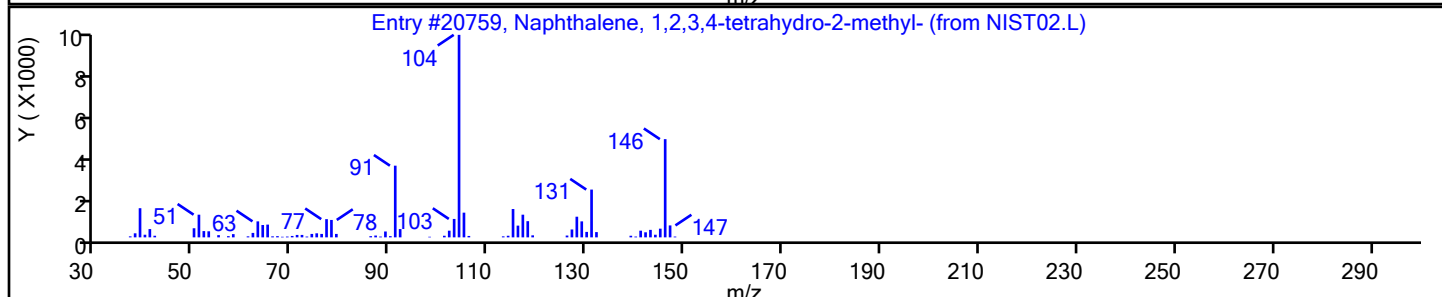
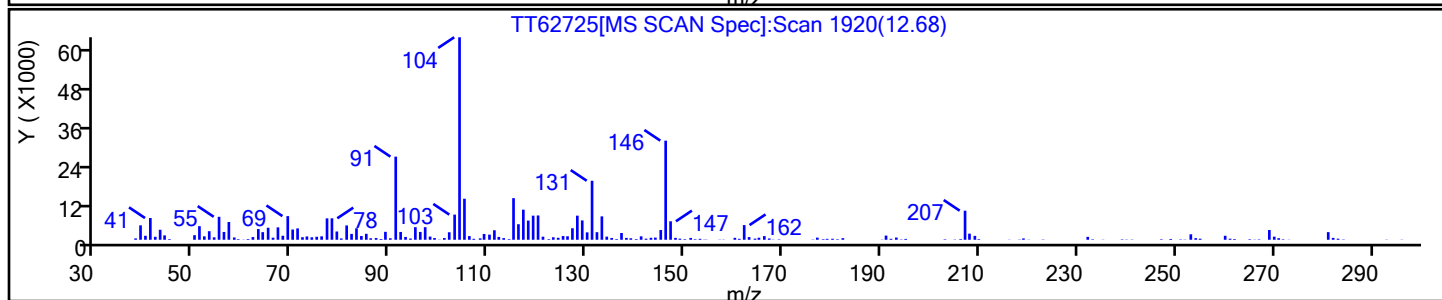
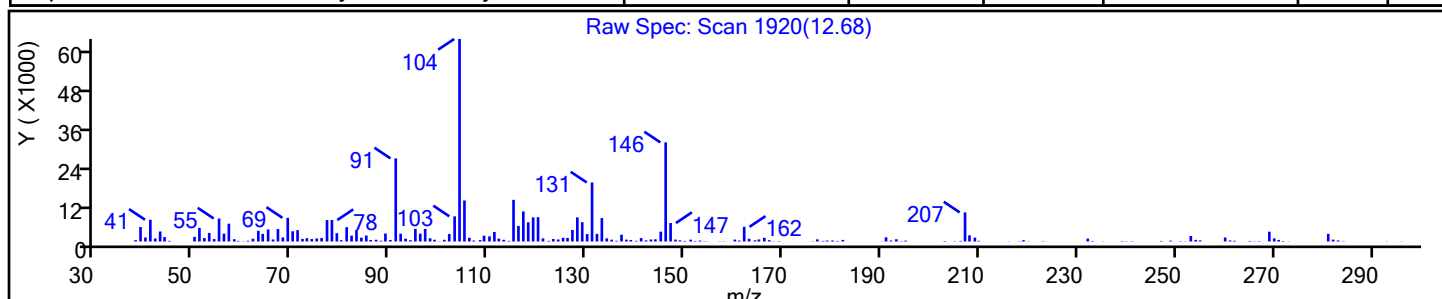
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	3877-19-8	NIST02.L	20759	C11H14	146	89



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

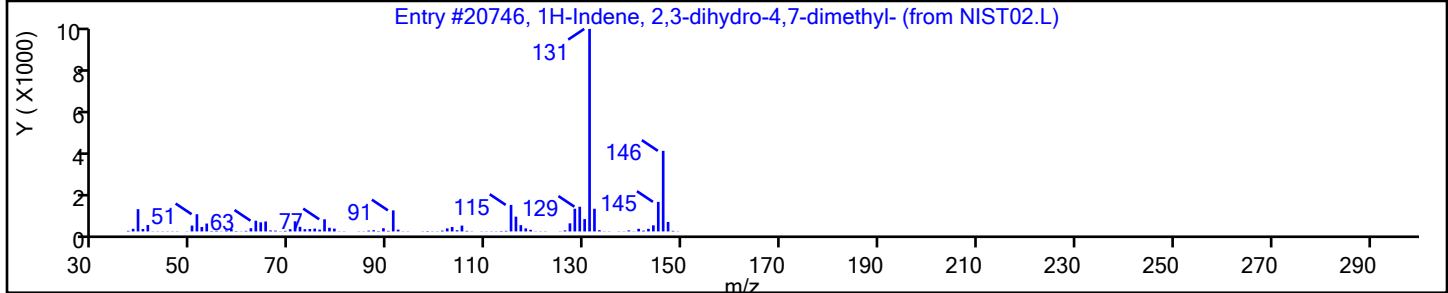
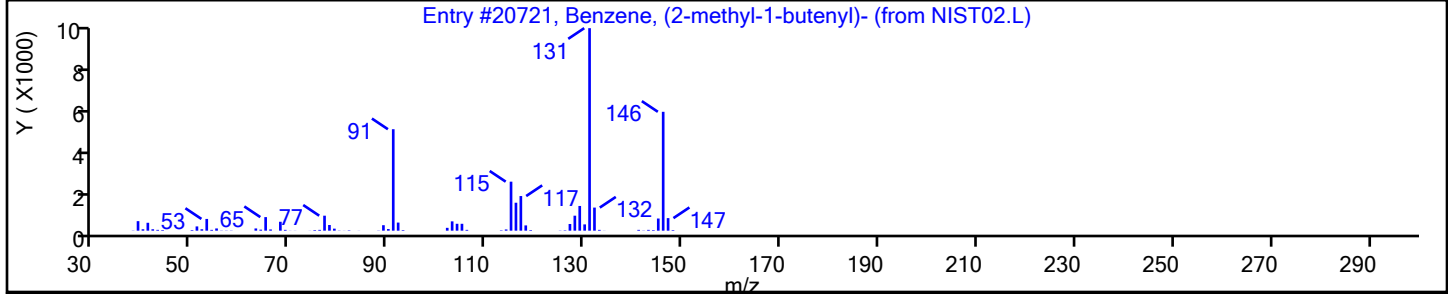
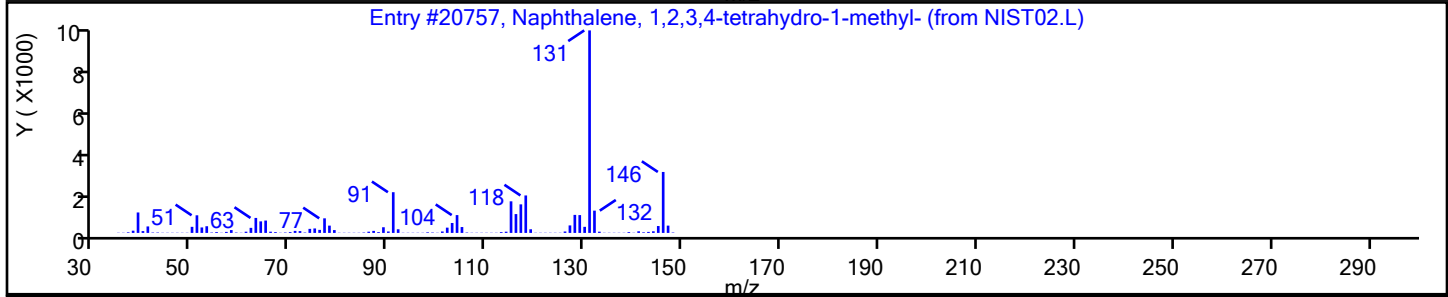
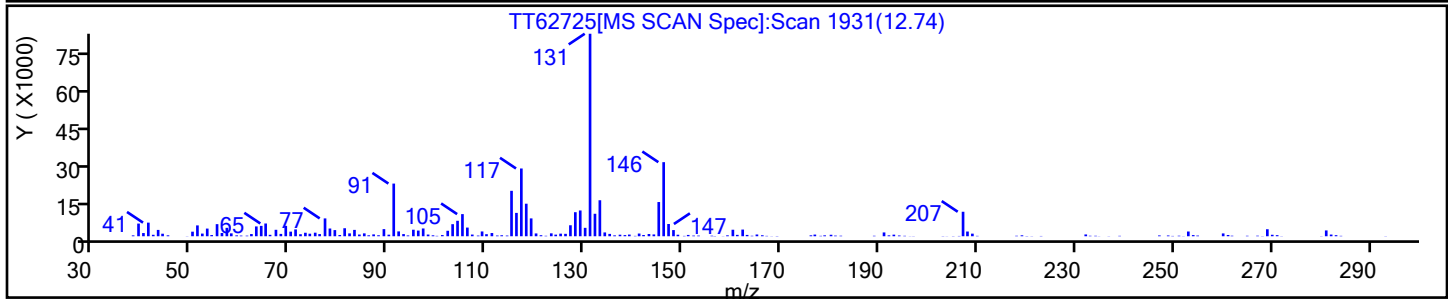
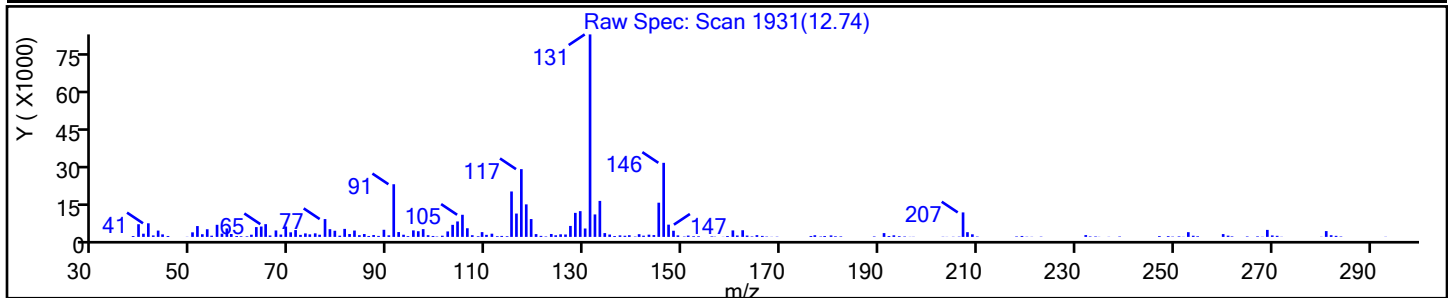
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	1559-81-5	NIST02.L	20757	C11H14	146	94
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	94
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	C11H14	146	86



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

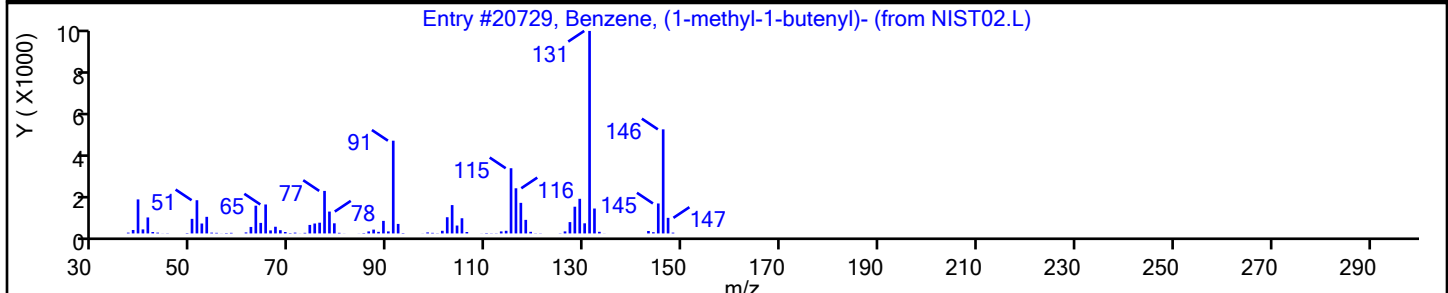
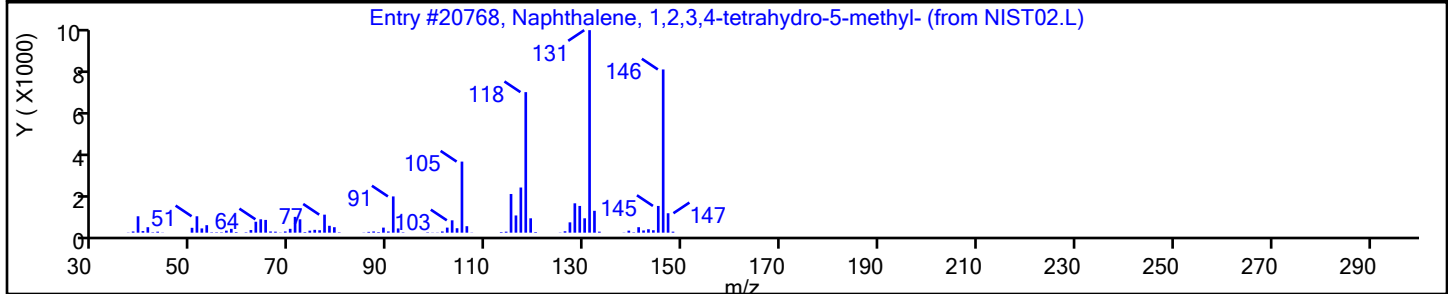
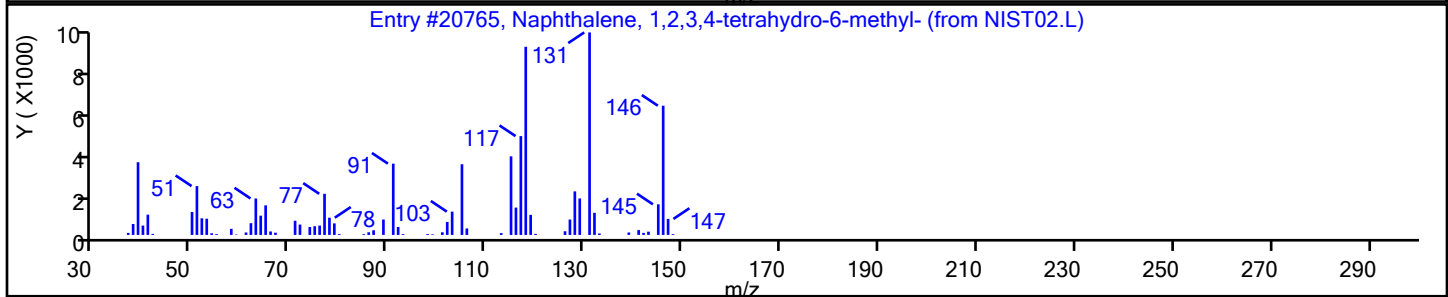
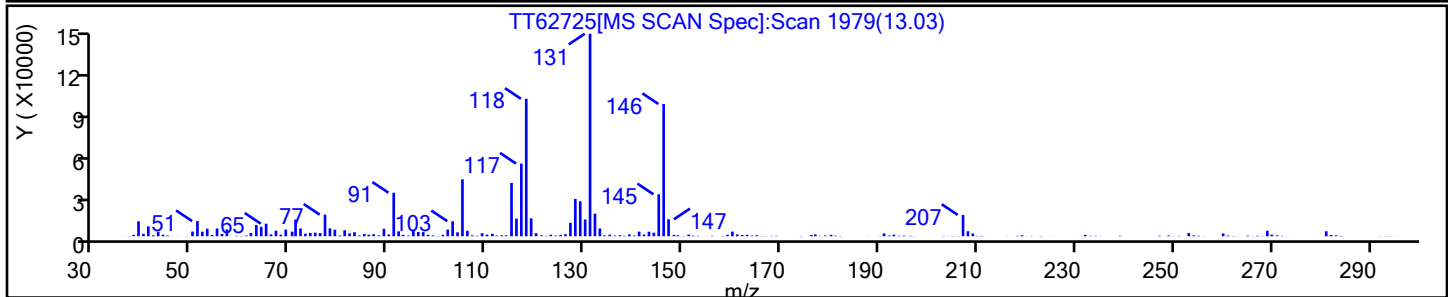
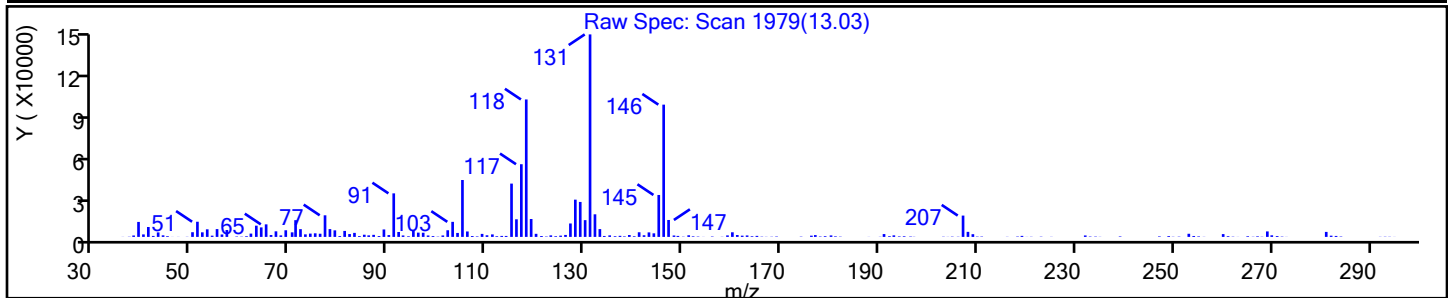
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	1680-51-9	NIST02.L	20765	C11H14	146	96
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	2809-64-5	NIST02.L	20768	C11H14	146	95
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.L	20729	C11H14	146	89



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

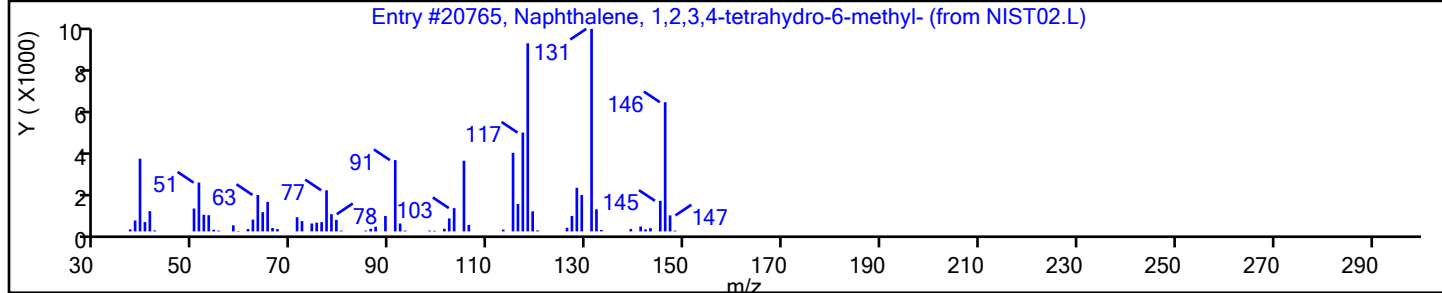
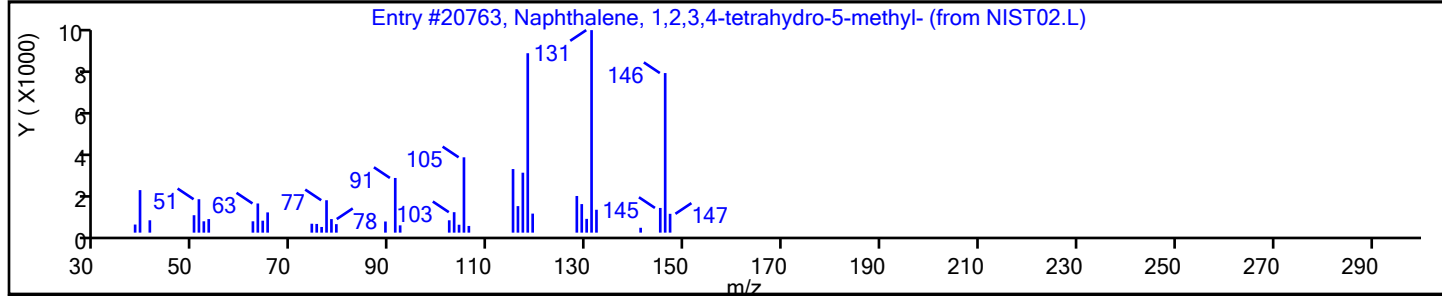
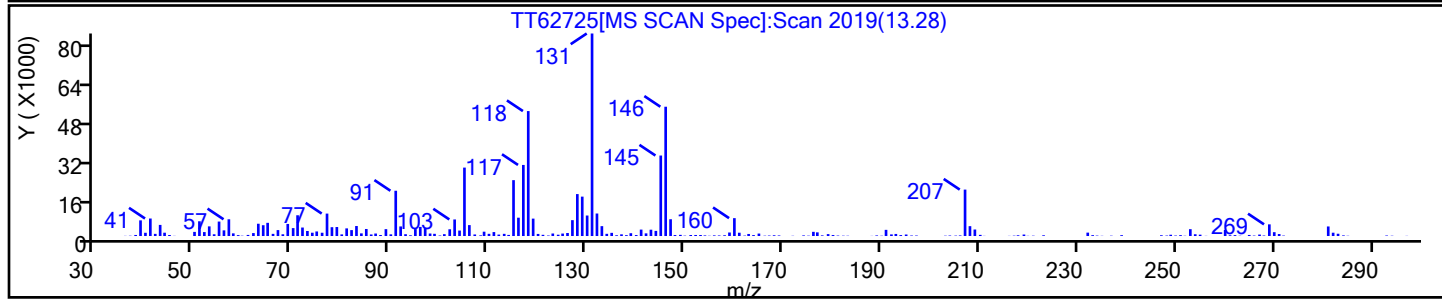
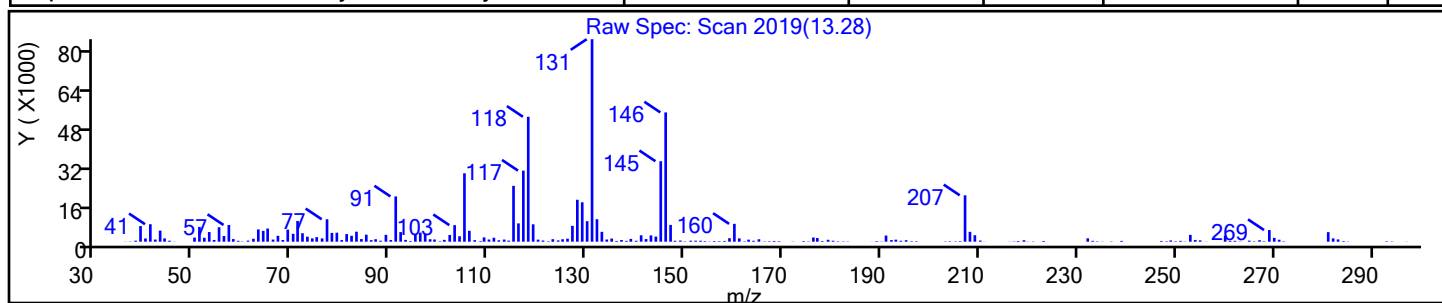
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	2809-64-5	NIST02.L	20763	C11H14	146	95
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	1680-51-9	NIST02.L	20765	C11H14	146	93



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

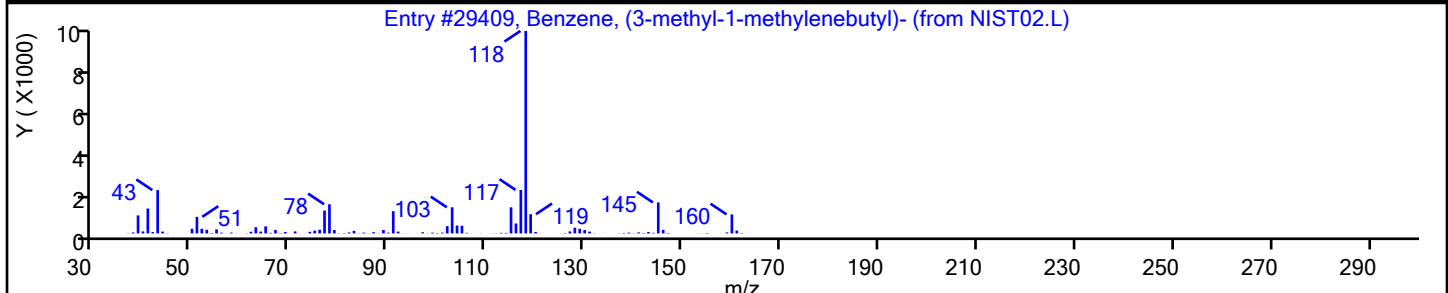
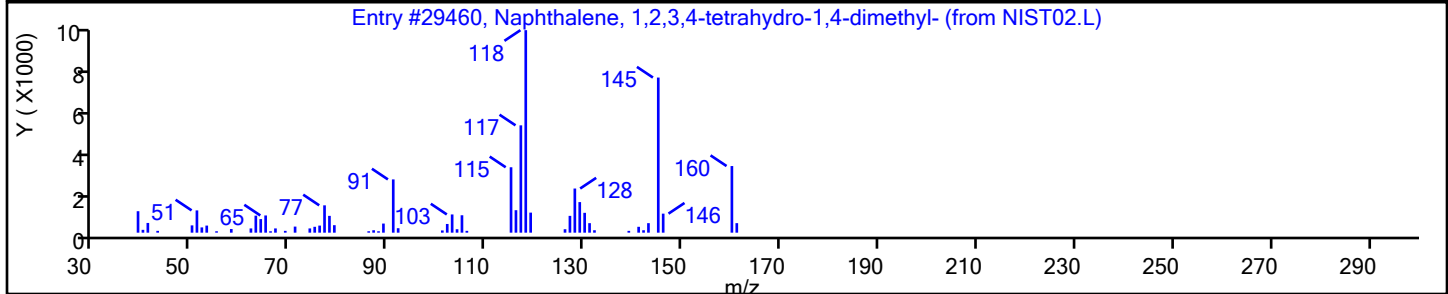
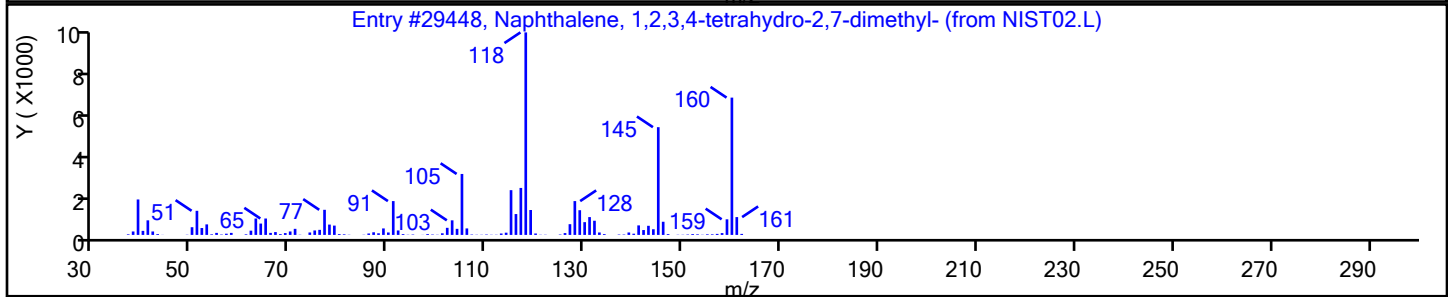
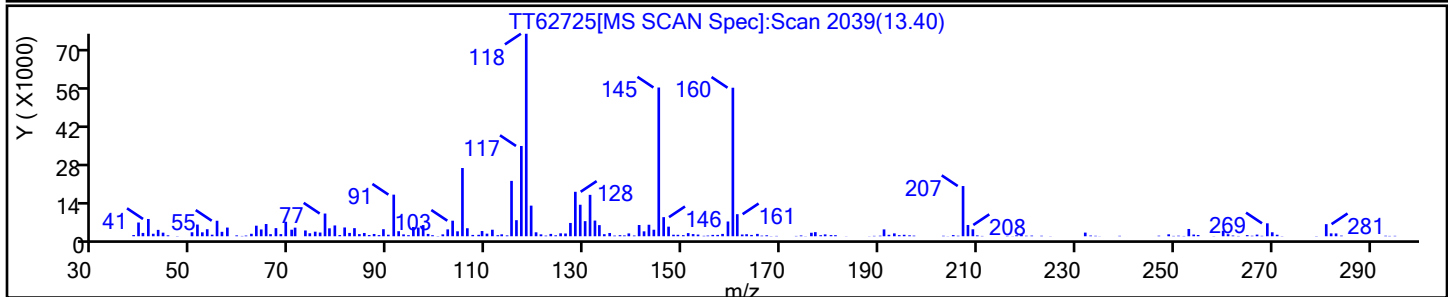
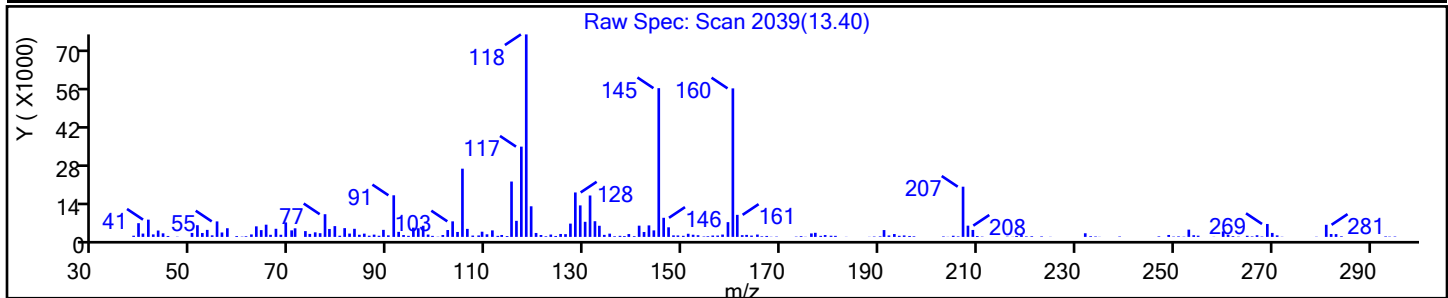
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dimethyl-	13065-07-1	NIST02.L	29448	C12H16	160	93
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	4175-54-6	NIST02.L	29460	C12H16	160	91
Benzene, (3-methyl-1-methylenebutyl)-	38212-14-5	NIST02.L	29409	C12H16	160	76



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62725.D

Injection Date: 01-Nov-2022 09:44:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-A-4

Lab Sample ID: 460-268448-4

Client ID: CVW-MW-4A

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

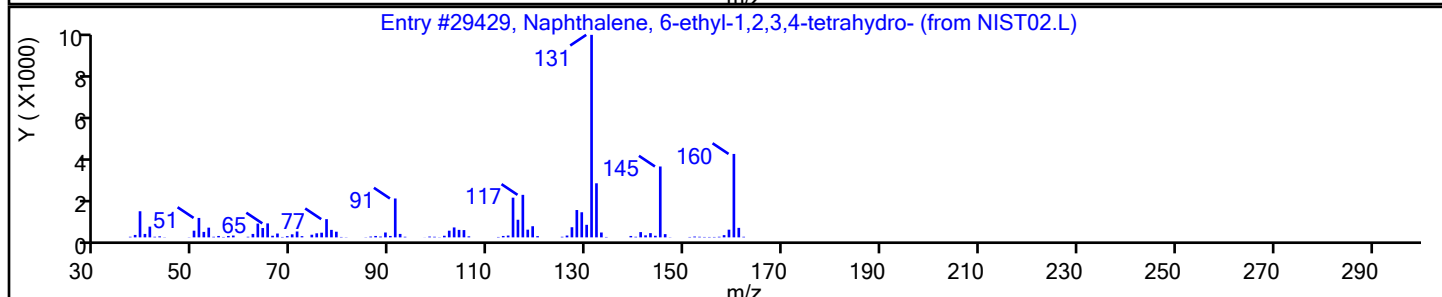
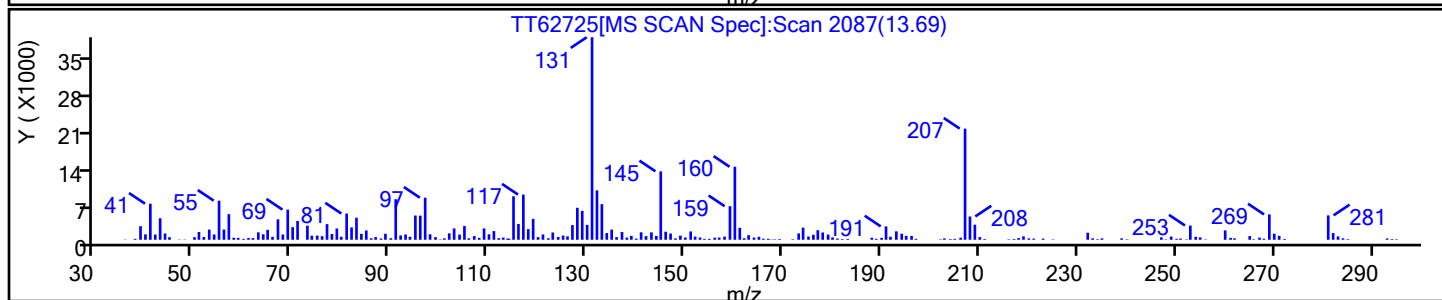
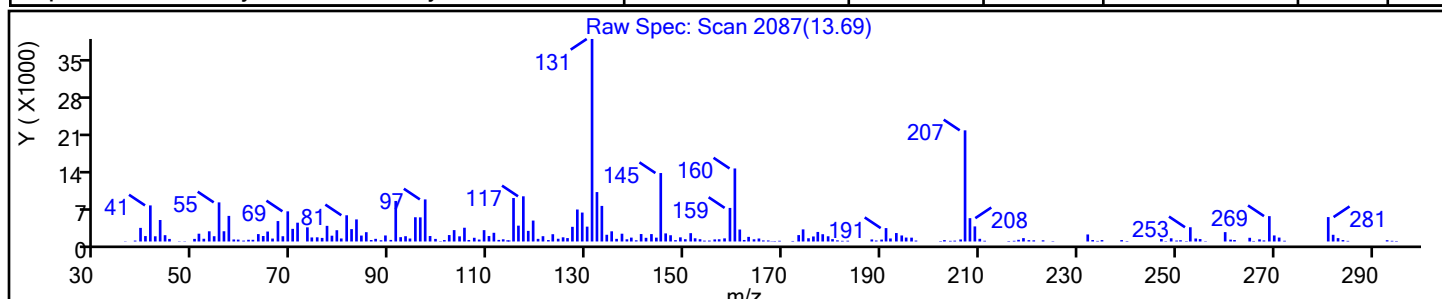
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 6-ethyl-1,2,3,4-tetrahydro-	22531-20-0	NIST02.L	29429	C12H16	160	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4B</u>	Lab Sample ID: <u>460-268448-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62727.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:45</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>11/01/2022 10:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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	2.1		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		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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4B</u>	Lab Sample ID: <u>460-268448-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62727.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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	120		1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.50
98-82-8	Isopropylbenzene	32		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	240		1.0	0.71
75-09-2	Methylene Chloride	1.0	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	260		1.0	0.30
95-47-6	o-Xylene	88		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	92		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	350		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	107		76-120
1868-53-7	Dibromofluoromethane (Surr)	85		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>CVW-MW-4B</u>	Lab Sample ID: <u>460-268448-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62727.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 10:45</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 10:25</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>
Number TICs Found: <u>10</u>	TIC Result Total: <u>1567</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
78-78-4	Butane, 2-methyl-	1.83	350	J N	94%
109-66-0	Pentane	1.98	100	J N	91%
96-14-0	Pentane, 3-methyl-	2.82	140	J N	91%
96-37-7	Cyclopentane, methyl-	3.52	180	J N	94%
589-34-4	Hexane, 3-methyl-	4.18	97	J N	95%
565-75-3	Pentane, 2,3,4-trimethyl-	5.56	100	J N	90%
560-21-4	Pentane, 2,3,3-trimethyl-	5.70	140	J N	83%
2213-23-2	Heptane, 2,4-dimethyl-	7.65	190	J N	80%
2216-33-3	Octane, 3-methyl-	7.79	150	J N	91%
111-84-2	Nonane	8.31	120	J N	93%

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D
 Lims ID: 460-268448-C-5
 Client ID: CVW-MW-4B
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:25:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-5
 Misc. Info.: 460-0152569-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 06:58:36 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:31:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.494	2.476	0.018	95	16195	1.05	
* 31 TBA-d9 (IS)	66	2.702	2.726	-0.024	0	44264	1000.0	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	210915	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	107116	42.5	
60 Benzene	78	4.421	4.421	0.000	47	32565	2.12	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	157870	56.6	
* 66 Fluorobenzene	96	4.701	4.695	0.006	100	490640	50.0	
69 Methylcyclohexane	83	5.152	5.146	0.006	87	1276201	241.9	
* 72 1,4-Dioxane-d8	96	5.378	5.378	0.000	0	16944	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.299	-0.001	99	413339	48.7	
84 Toluene	91	6.372	6.372	0.000	93	1363484	91.6	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	87	316405	50.0	
96 Ethylbenzene	106	8.182	8.182	0.000	98	604284	115.8	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	1629175	259.0	
99 o-Xylene	106	8.853	8.853	0.000	95	593497	87.7	
104 Isopropylbenzene	105	9.322	9.322	0.000	95	522318	31.8	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	133905	53.7	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	181941	50.0	
S 137 Xylenes, Total	100				0		346.7	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D
 Lims ID: 460-268448-C-5
 Client ID: CVW-MW-4B
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:25:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-5
 Misc. Info.: 460-0152569-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 06:58:36 Calib Date: 15-Oct-2022 04:30:30
 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 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611
 First Level Reviewer: FK2C Date: 01-Nov-2022 12:31:30

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
78-78-4	Butane, 2-methyl-							
1.830	30378369	345.4	66	94	701	C5H12	72	
109-66-0	Pentane							
1.982	8830836	100.4	66	91	696	C5H12	72	
96-14-0	Pentane, 3-methyl-							
2.817	12708624	144.5	66	91	1799	C6H14	86	
96-37-7	Cyclopentane, methyl-							
3.518	15811188	179.8	66	94	1471	C6H12	84	
589-34-4	Hexane, 3-methyl-							
4.177	8505585	96.7	66	95	3894	C7H16	100	
565-75-3	Pentane, 2,3,4-trimethyl-							
5.561	8845414	100.6	66	90	7465	C8H18	114	
560-21-4	Pentane, 2,3,3-trimethyl-							
5.695	12446547	141.5	66	83	7462	C8H18	114	
2213-23-2	Heptane, 2,4-dimethyl-							
7.646	8413535	192.7	94	80	12273	C9H20	128	
2216-33-3	Octane, 3-methyl-							
7.792	6458415	147.9	94	91	12258	C9H20	128	
111-84-2	Nonane							
8.310	5041702	115.5	94	93	12251	C9H20	128	

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	4.726	4397531	50.0
* 94 Chlorobenzene-d5	8.042	2183316	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

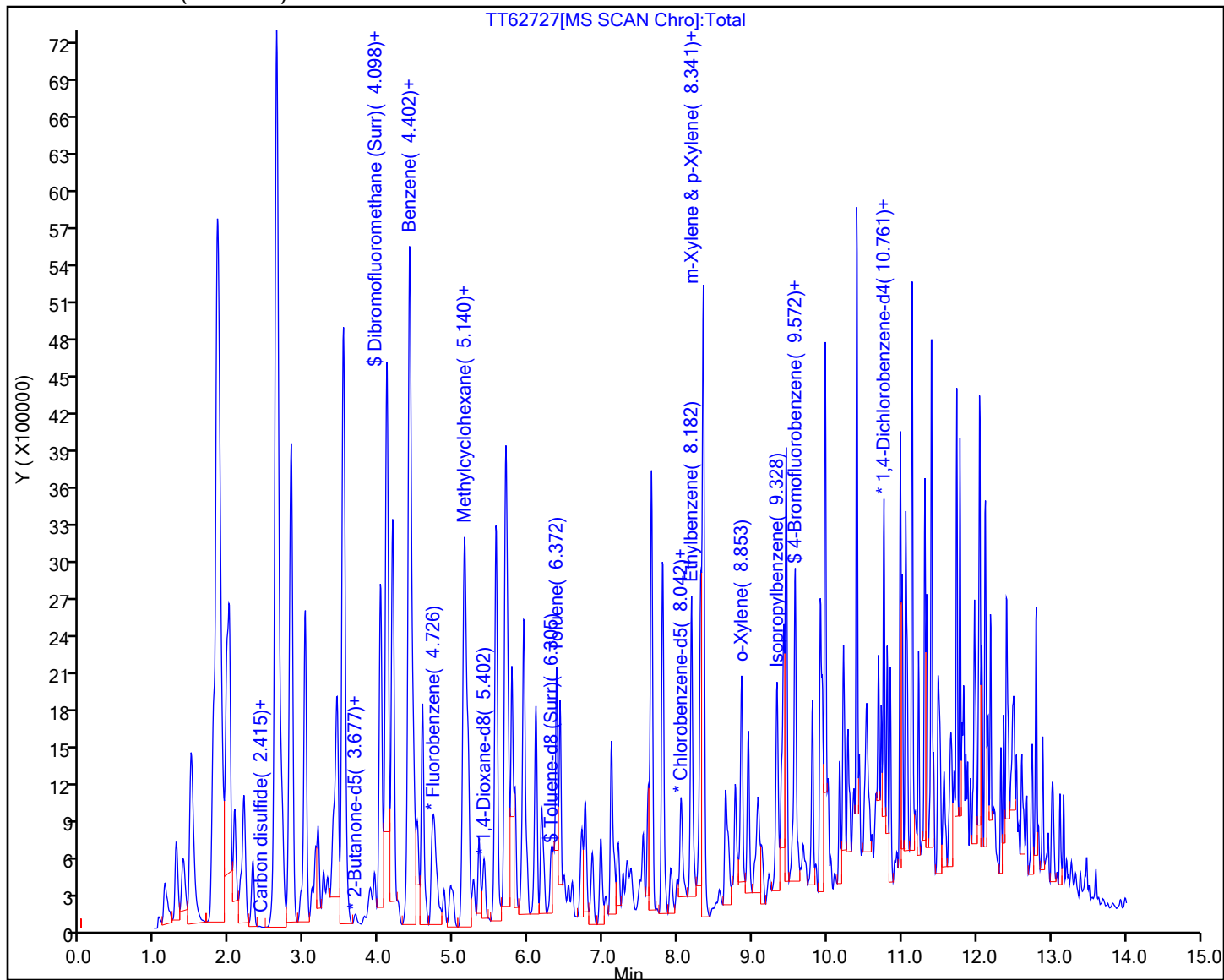
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D
 Lims ID: 460-268448-C-5
 Client ID: CVW-MW-4B
 Sample Type: Client
 Inject. Date: 01-Nov-2022 10:25:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-C-5
 Misc. Info.: 460-0152569-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 06:58:36 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:31:30

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	42.5	84.93
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	56.6	113.16
\$ 83 Toluene-d8 (Surr)	50.0	48.7	97.39
\$ 105 4-Bromofluorobenzene	50.0	53.7	107.49

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

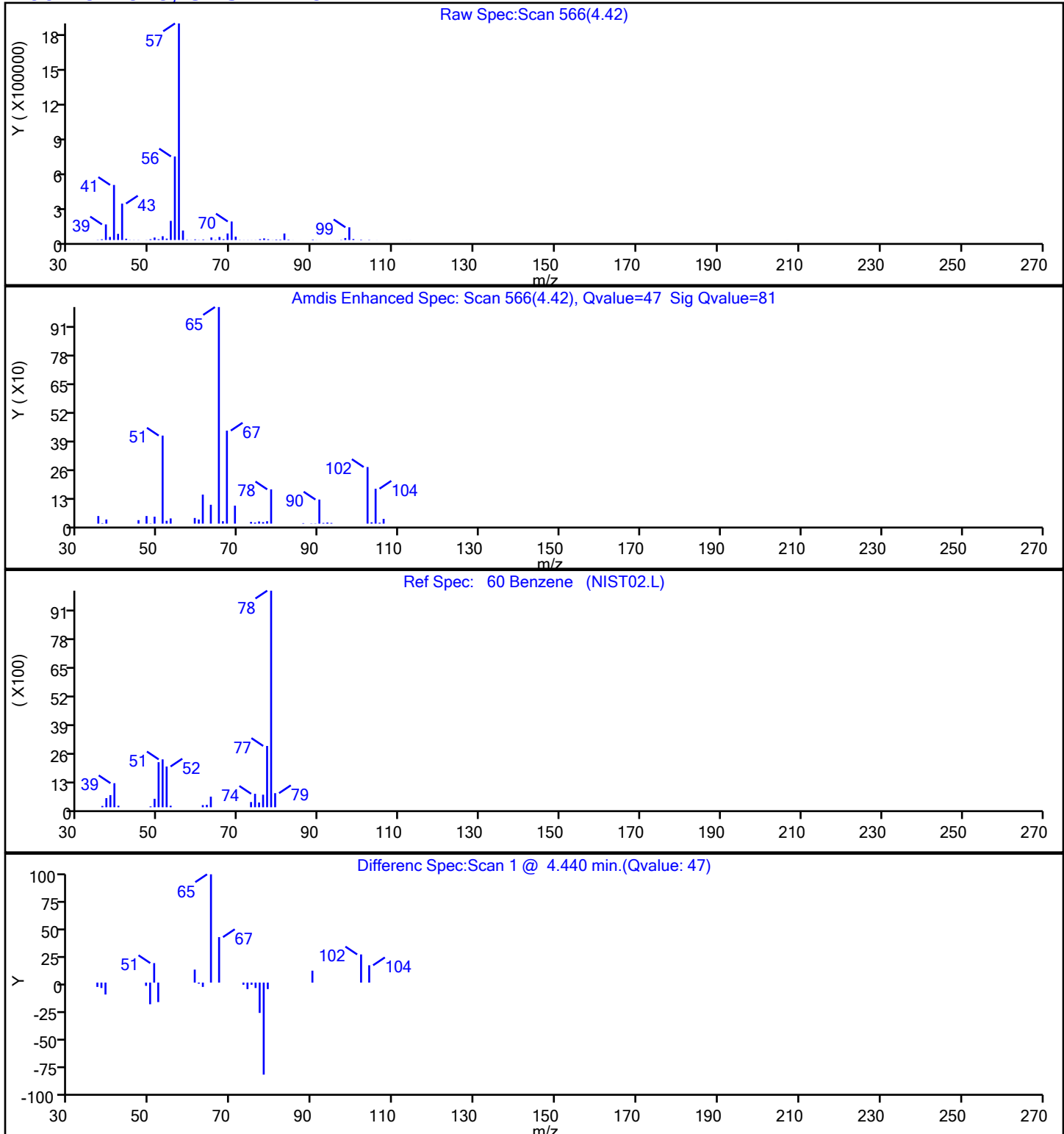
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

60 Benzene, CAS: 71-43-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

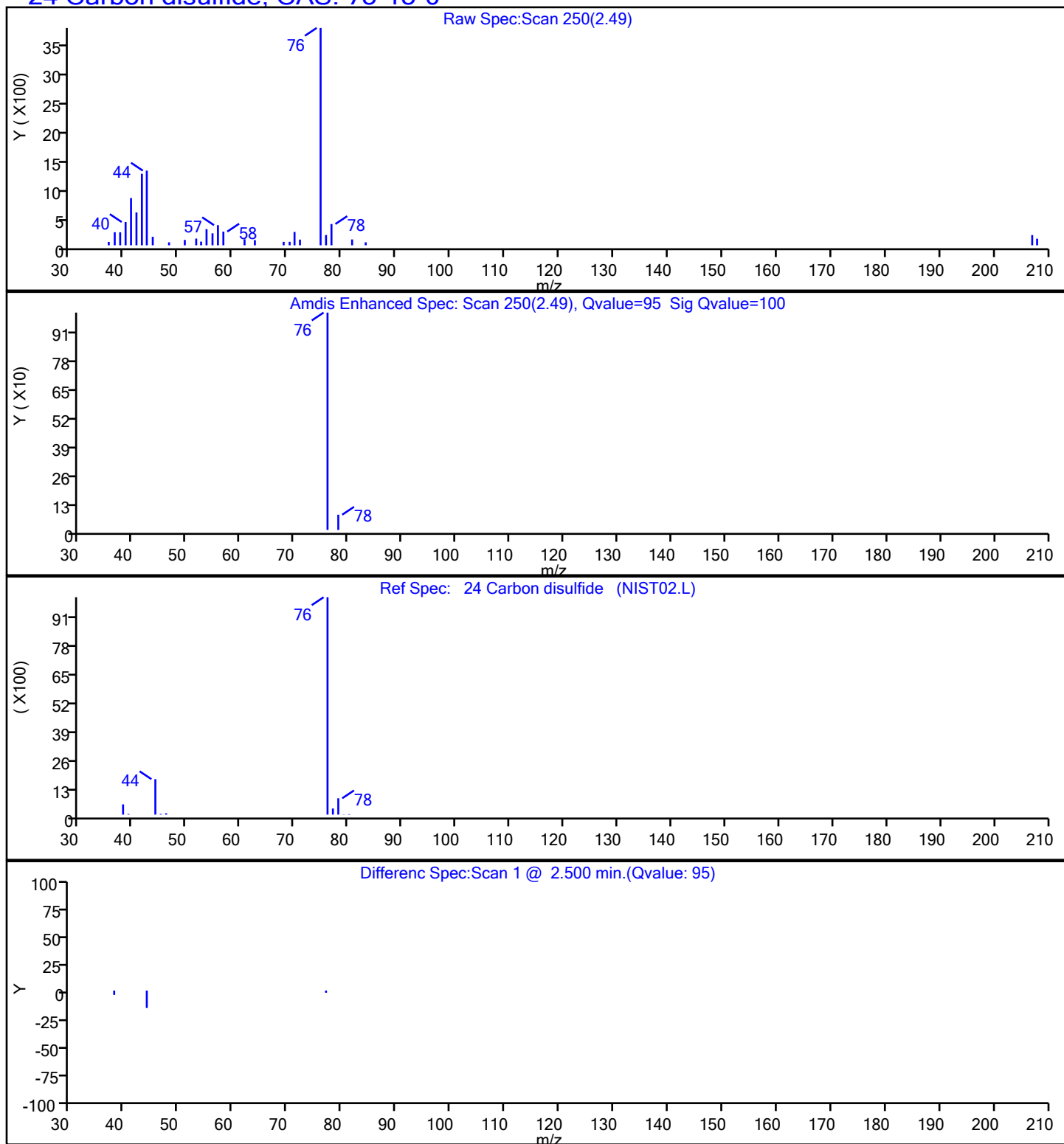
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

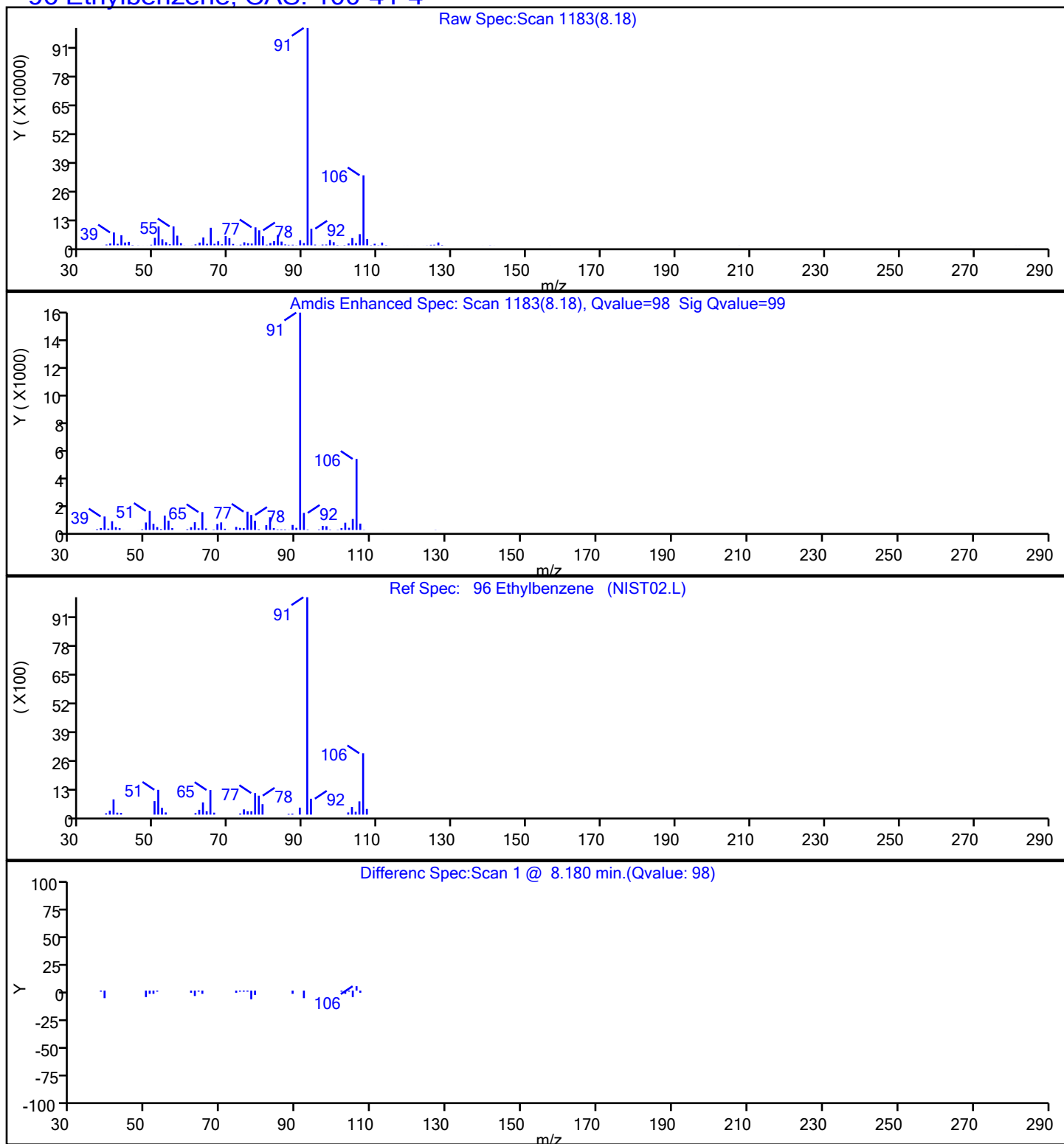
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

96 Ethylbenzene, CAS: 100-41-4

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

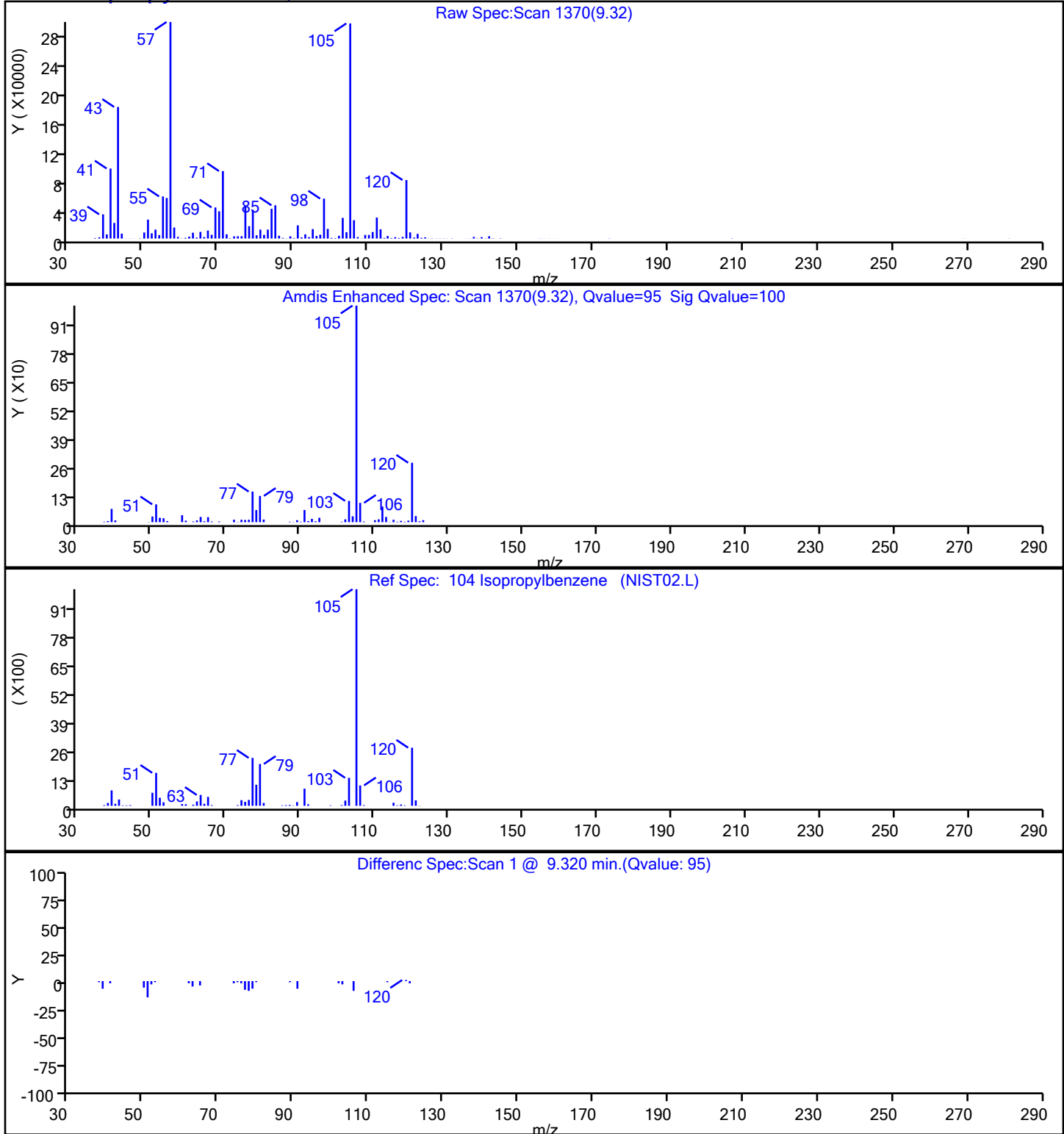
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

104 Isopropylbenzene, CAS: 98-82-8

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

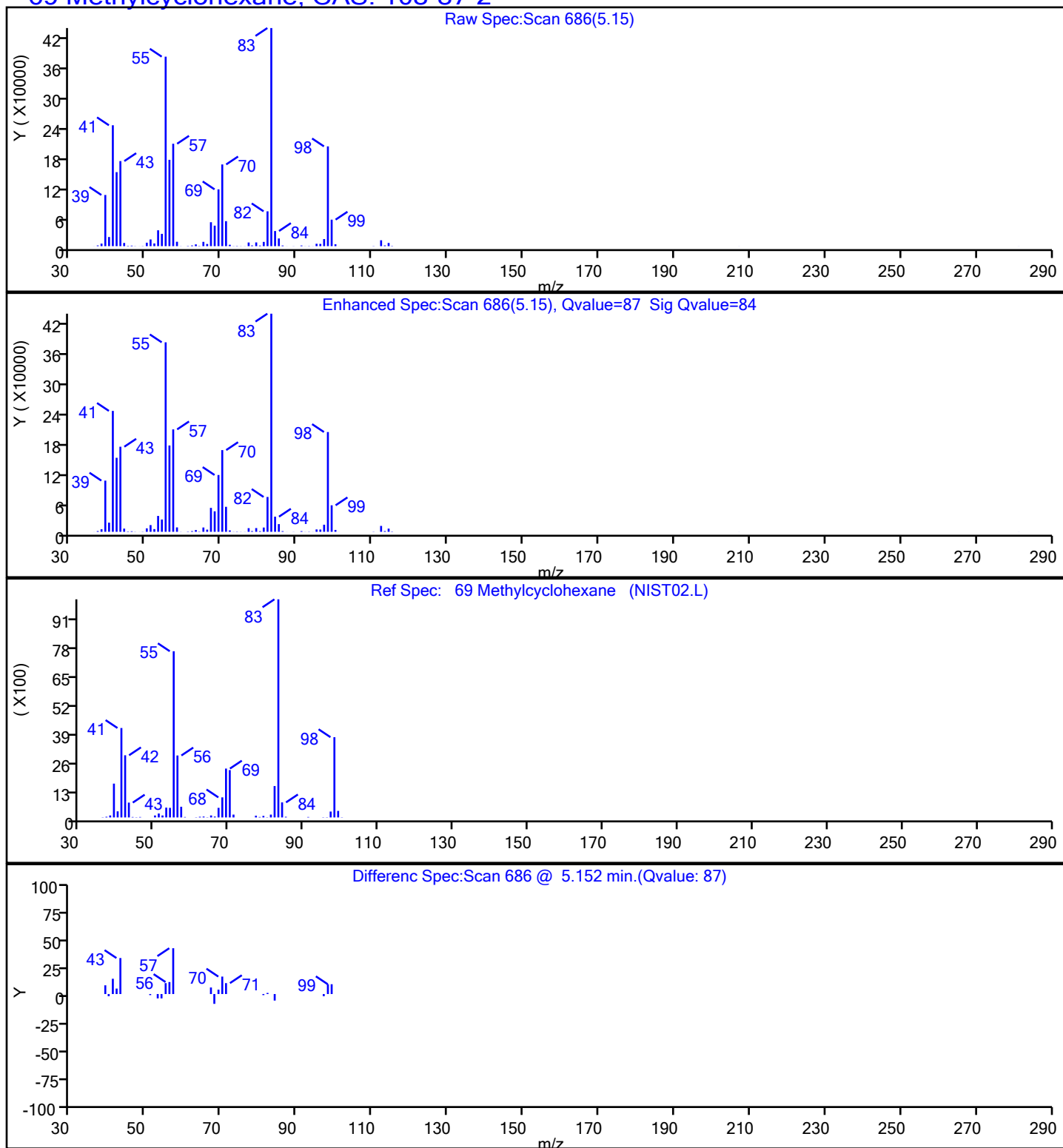
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

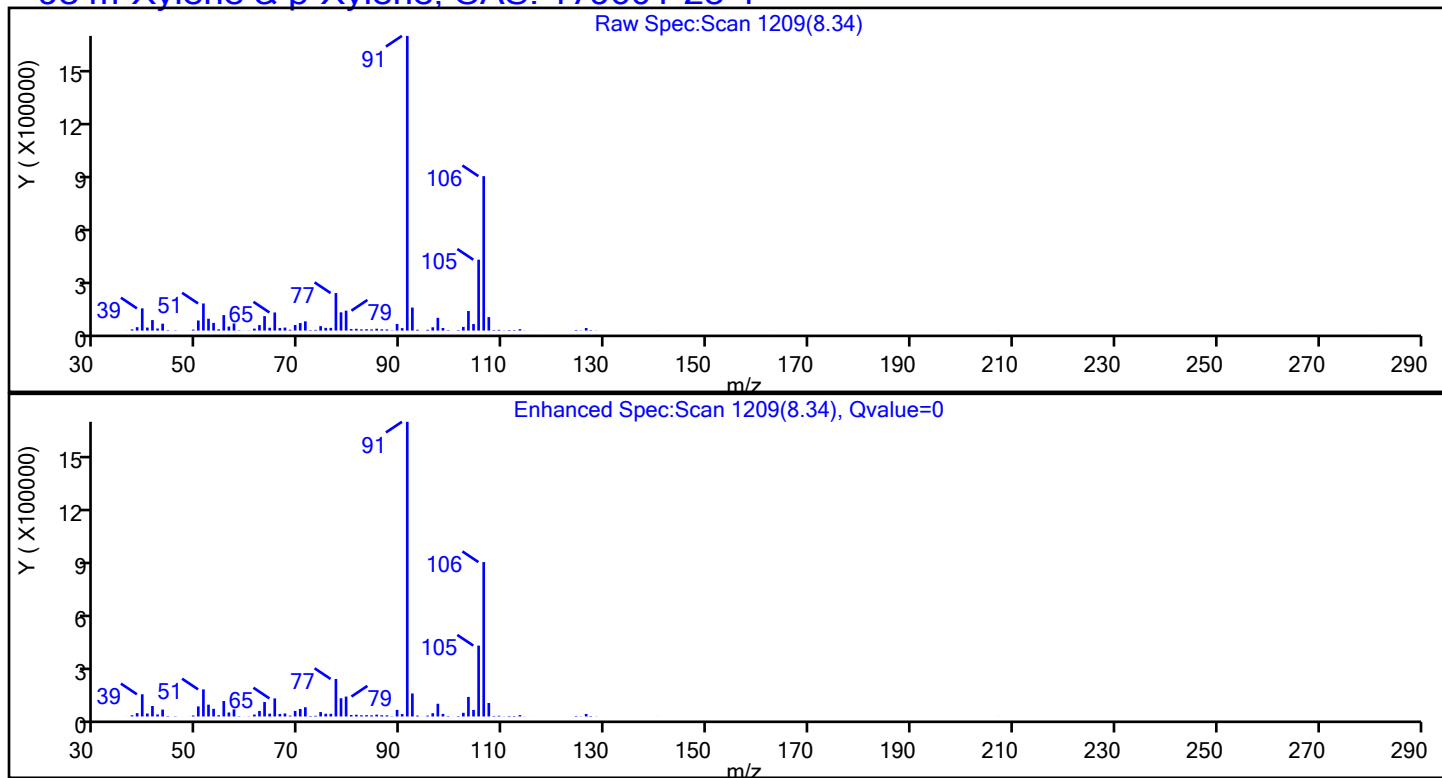
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

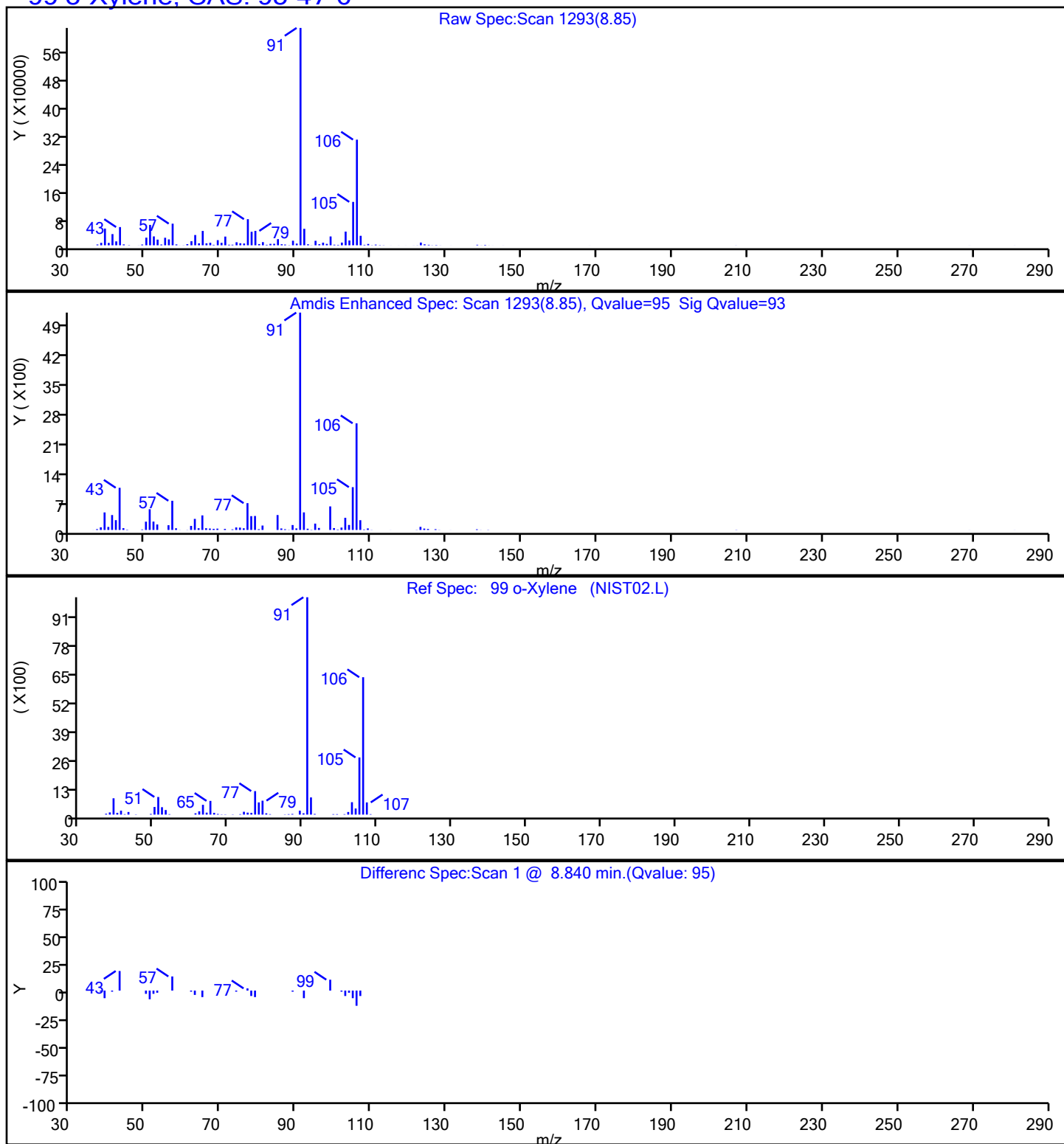
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

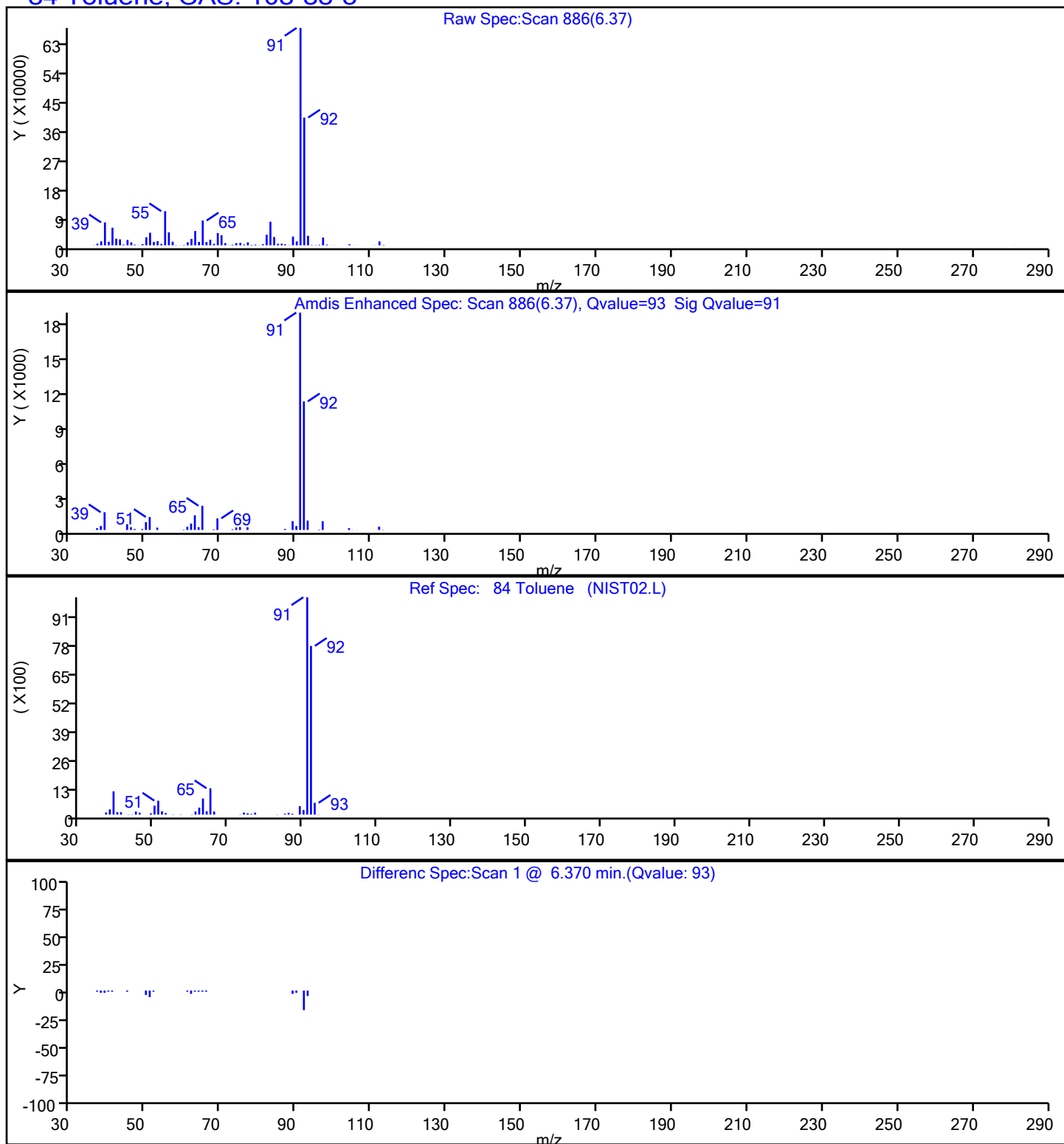
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

84 Toluene, CAS: 108-88-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

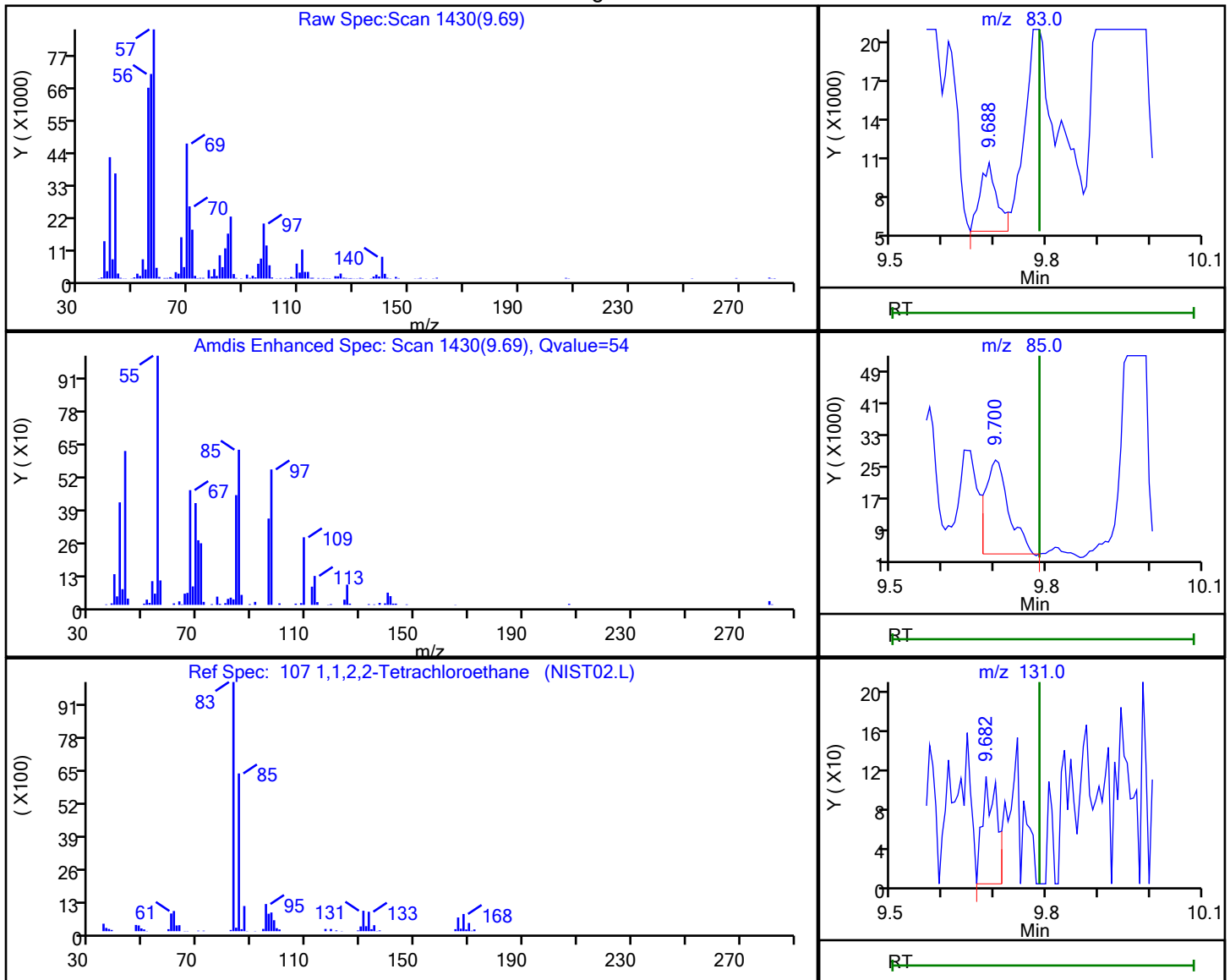
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.69	83.00	12215	2.726510
9.70	85.00	72865	
9.68	131.00	216	

Reviewer: FK2C, 01-Nov-2022 12:31:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

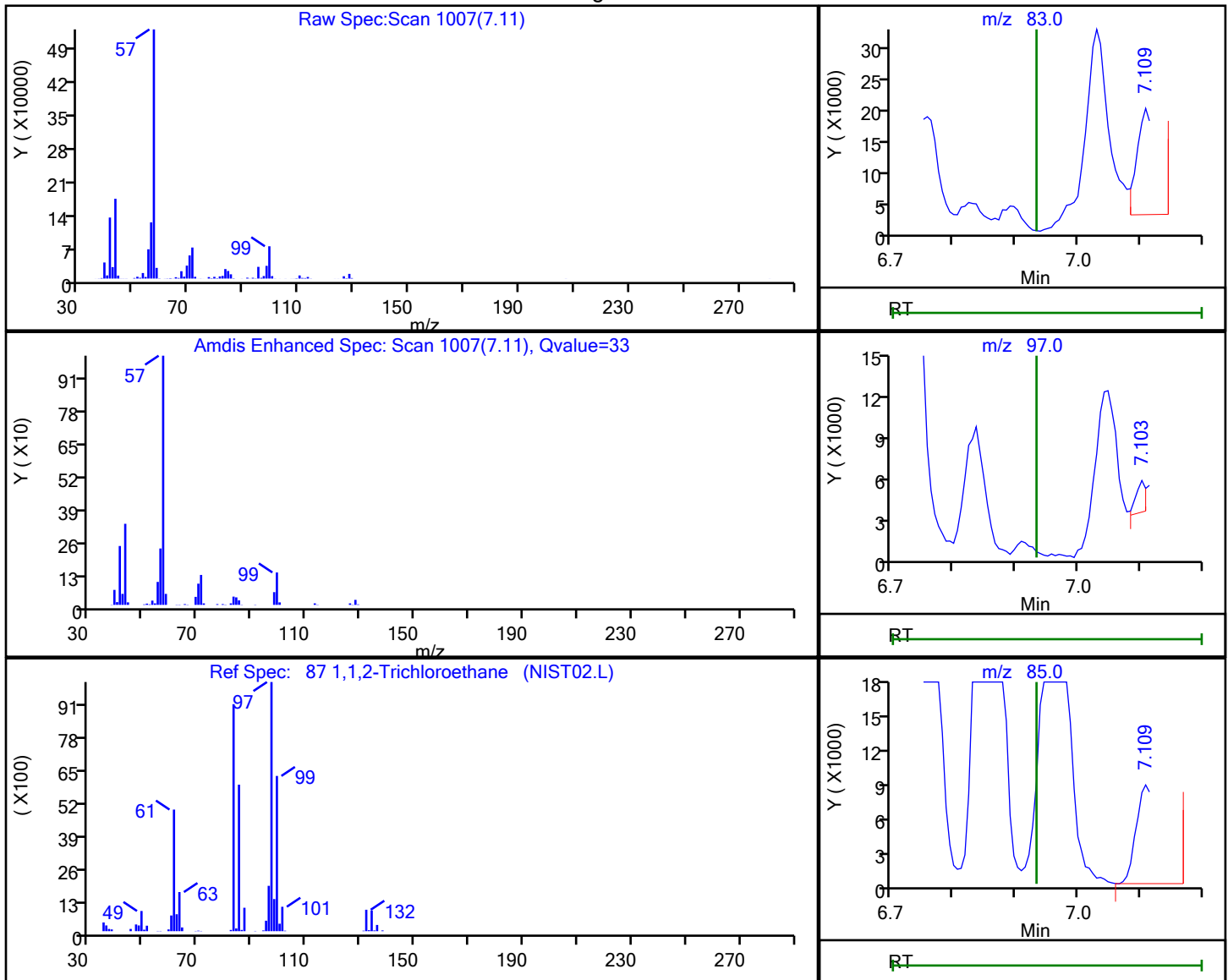
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.11	83.00	33451	12.210960
7.10	97.00	2553	
7.11	85.00	19511	

Reviewer: FK2C, 01-Nov-2022 12:31:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

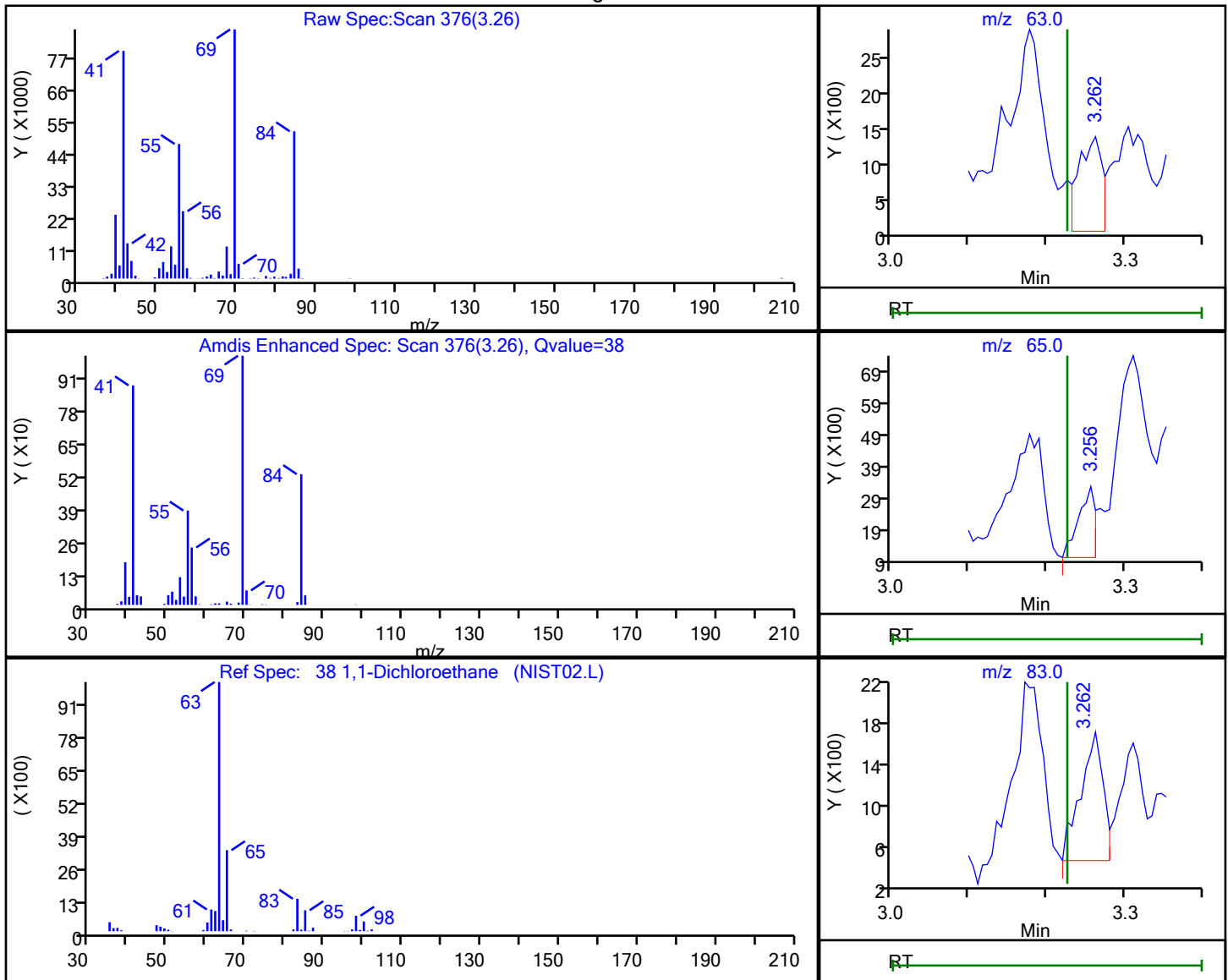
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
3.26	63.00	2924	0.384720
3.26	65.00	3387	
3.26	83.00	2482	

Reviewer: FK2C, 01-Nov-2022 12:30:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

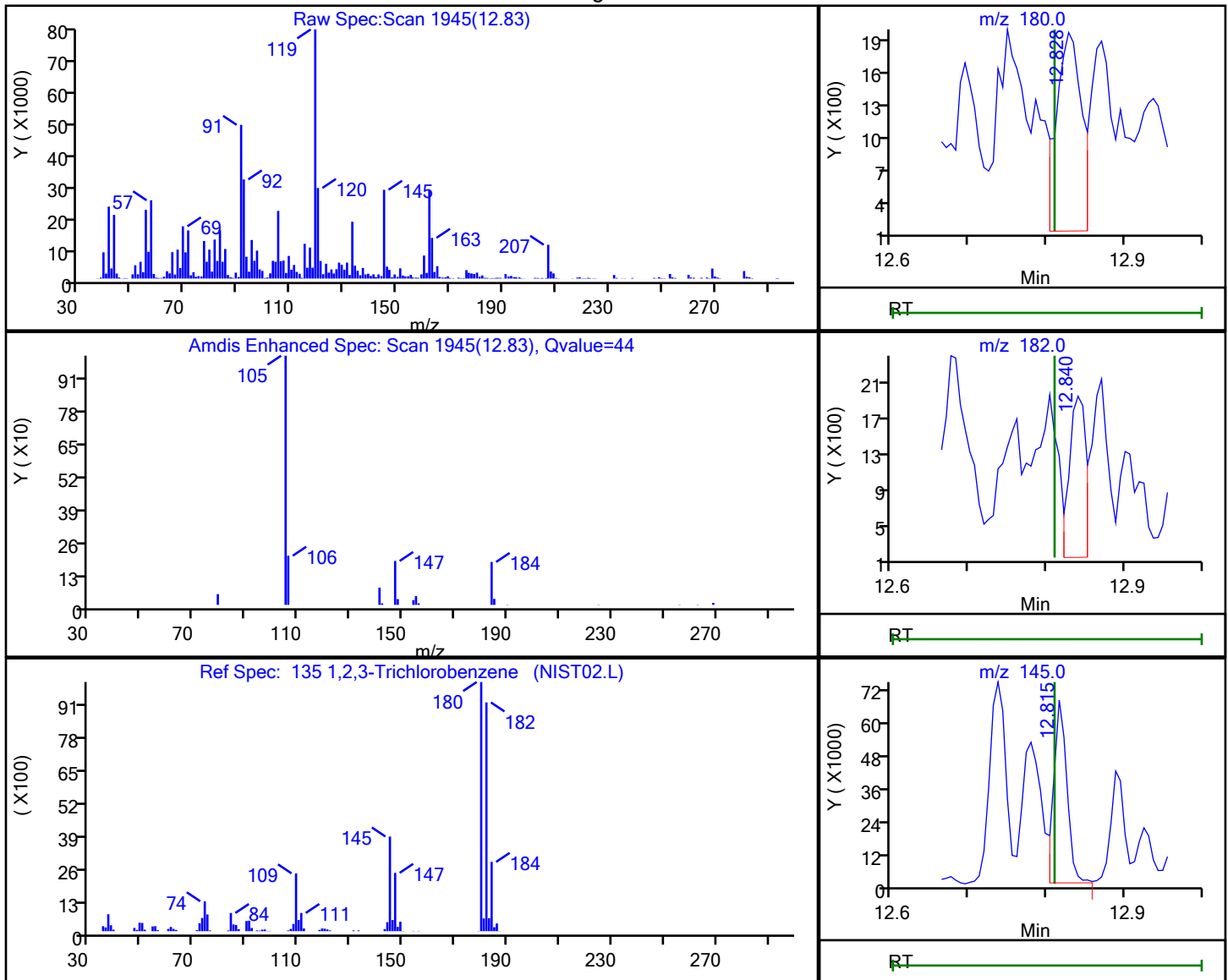
Column: DB-624 (0.18 mm)

Detector

MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.83	180.00	4079	0.671781
12.84	182.00	2703	
12.82	145.00	80238	

Reviewer: FK2C, 01-Nov-2022 12:31:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

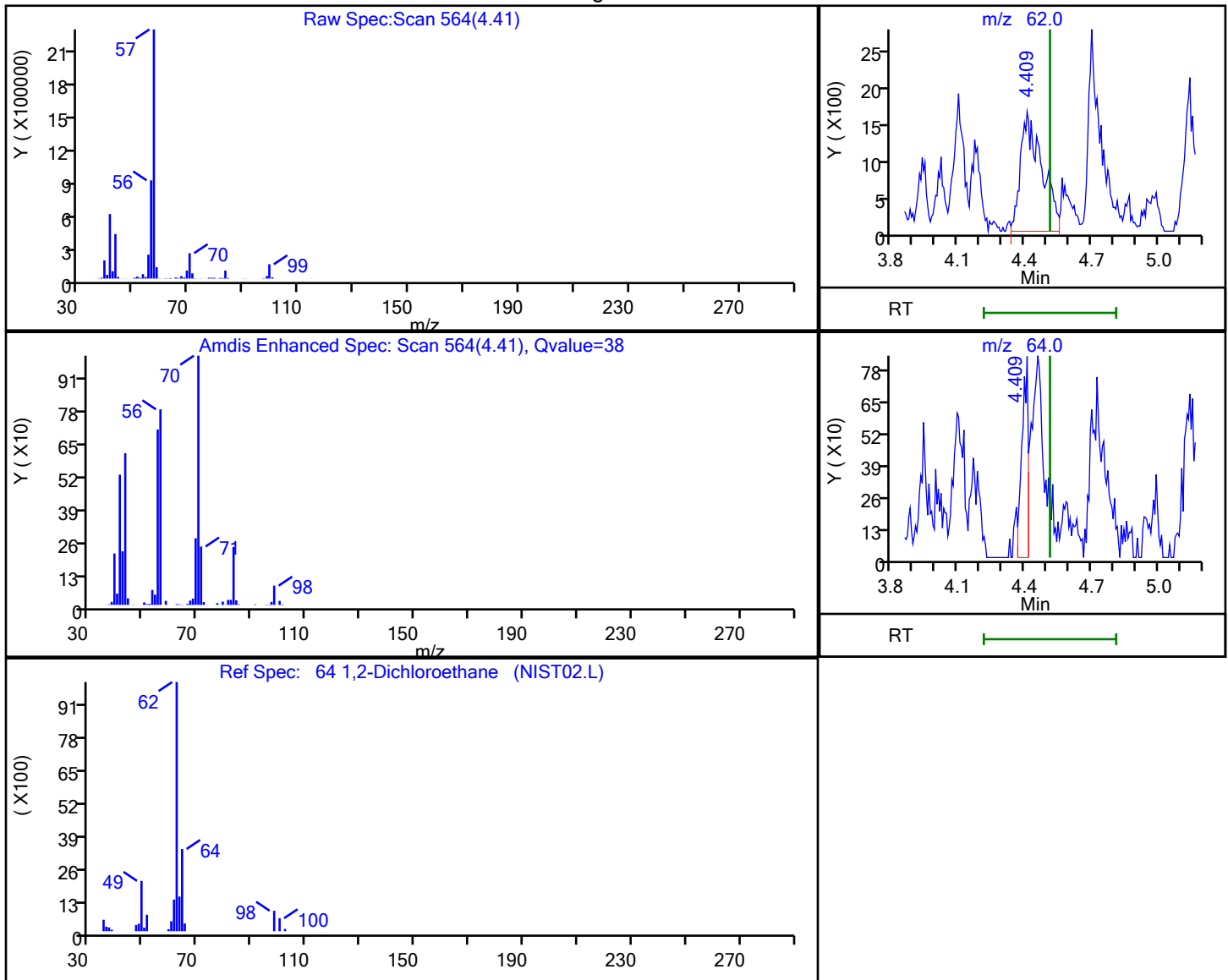
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.41	62.00	10914	2.223973
4.41	64.00	1581	

Reviewer: FK2C, 01-Nov-2022 12:30:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

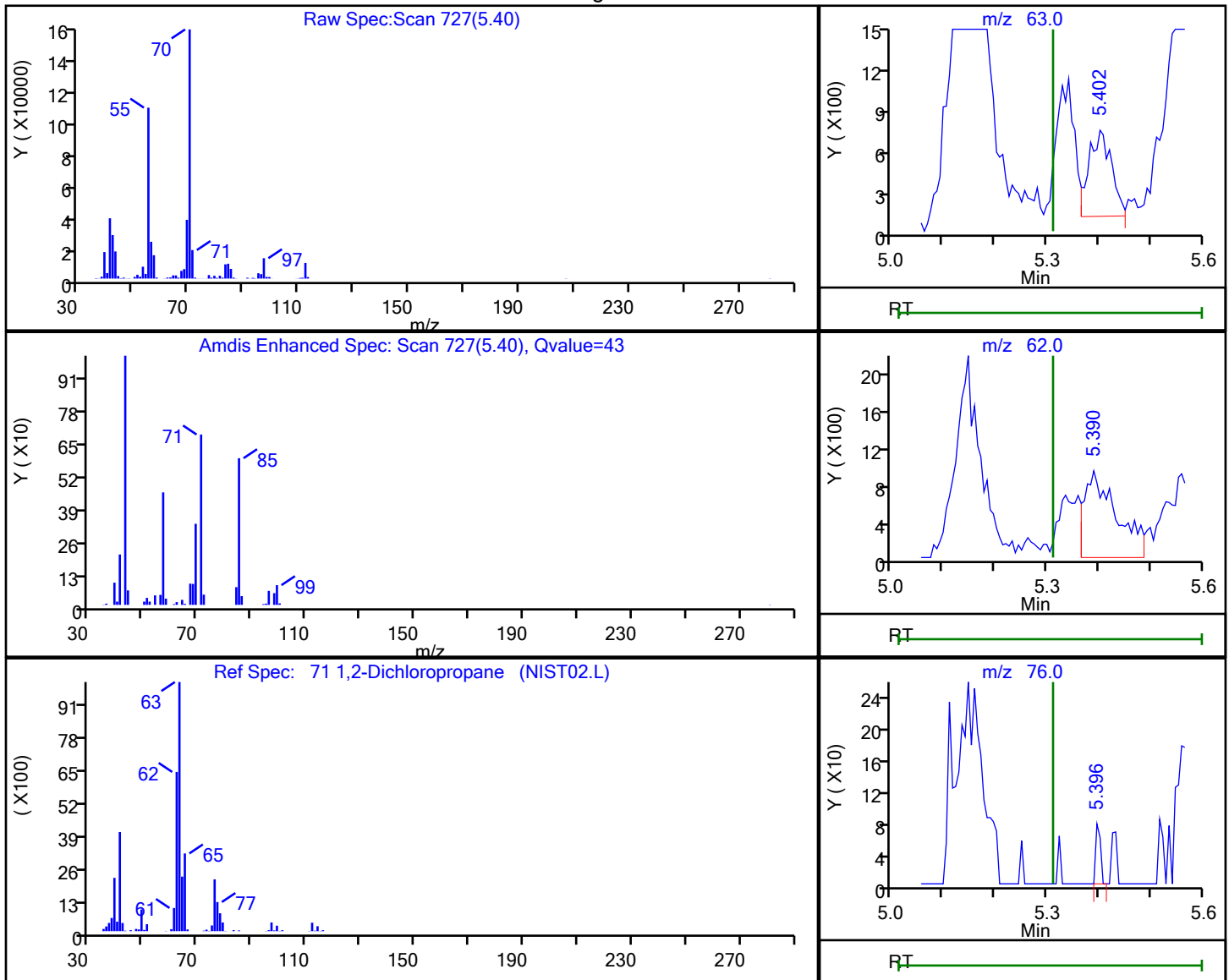
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.40	63.00	1870	0.432528
5.39	62.00	3940	
5.40	76.00	49	
5.41	112.00	22992	

Reviewer: FK2C, 01-Nov-2022 12:30:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

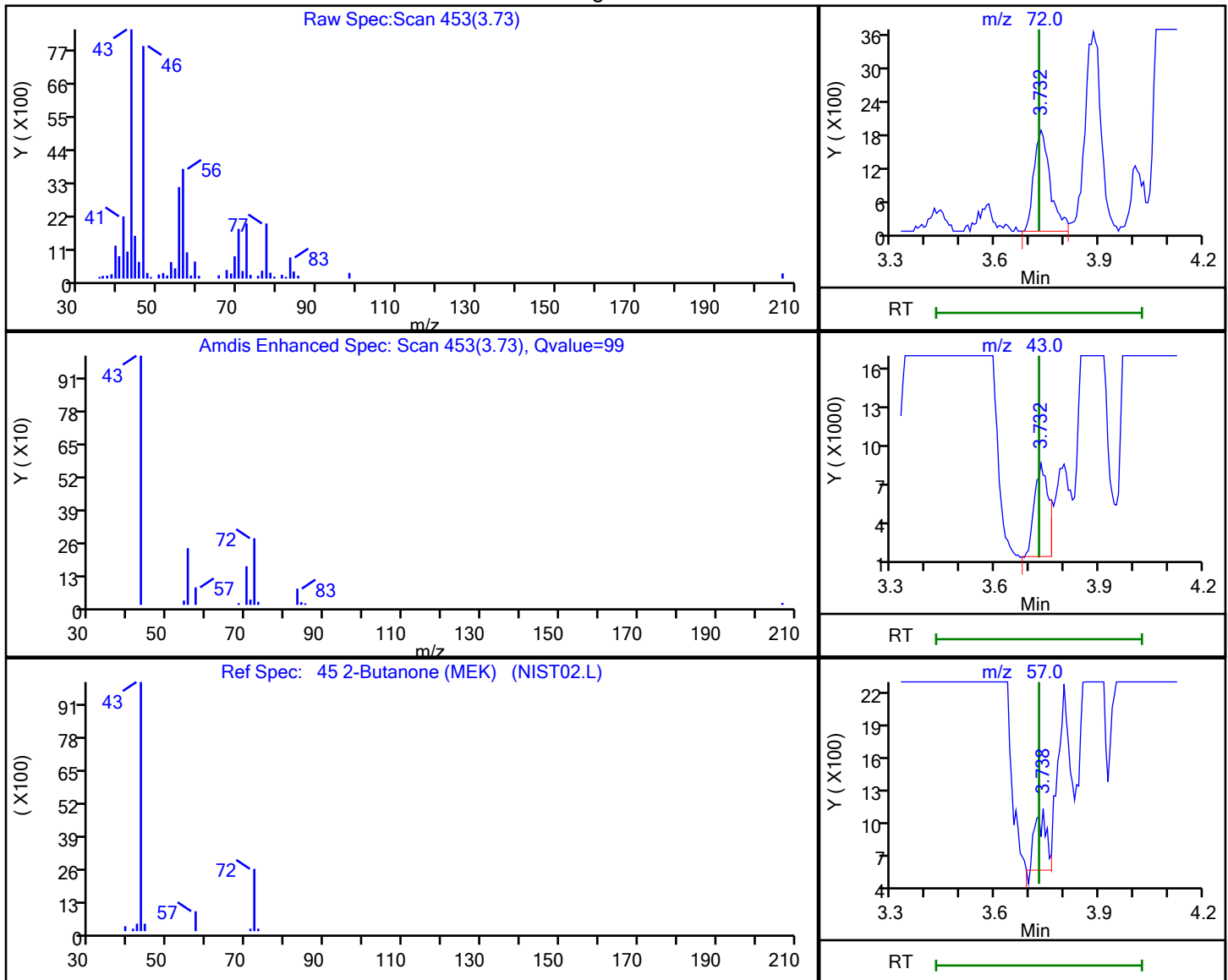
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.73	72.00	6103	19.764417
3.73	43.00	20323	
3.74	57.00	1211	

Reviewer: FK2C, 01-Nov-2022 12:30:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

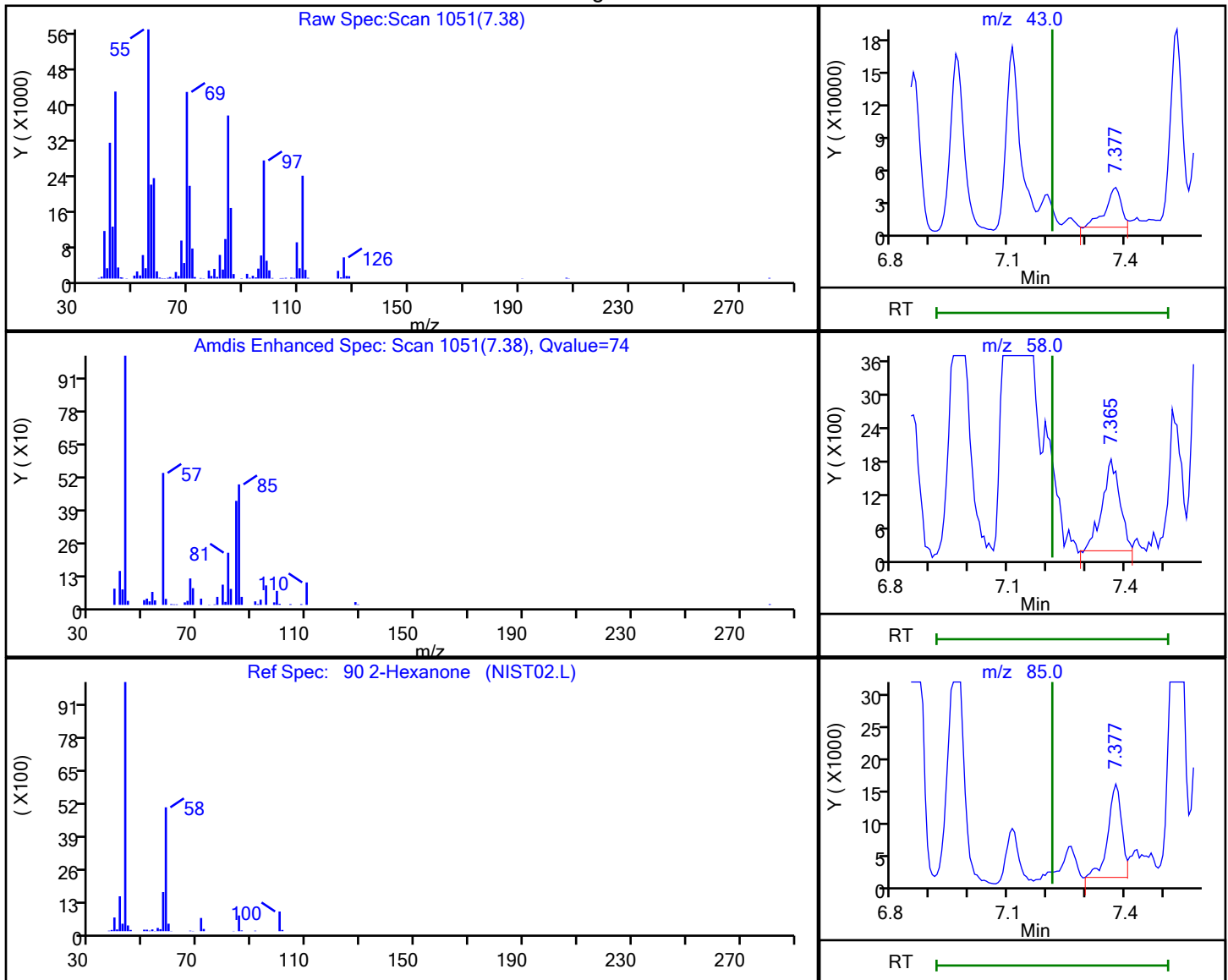
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

90 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
7.38	43.00	103105	59.523830
7.37	58.00	5124	
7.38	85.00	36079	
7.38	100.00	318	

Reviewer: FK2C, 01-Nov-2022 12:31:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

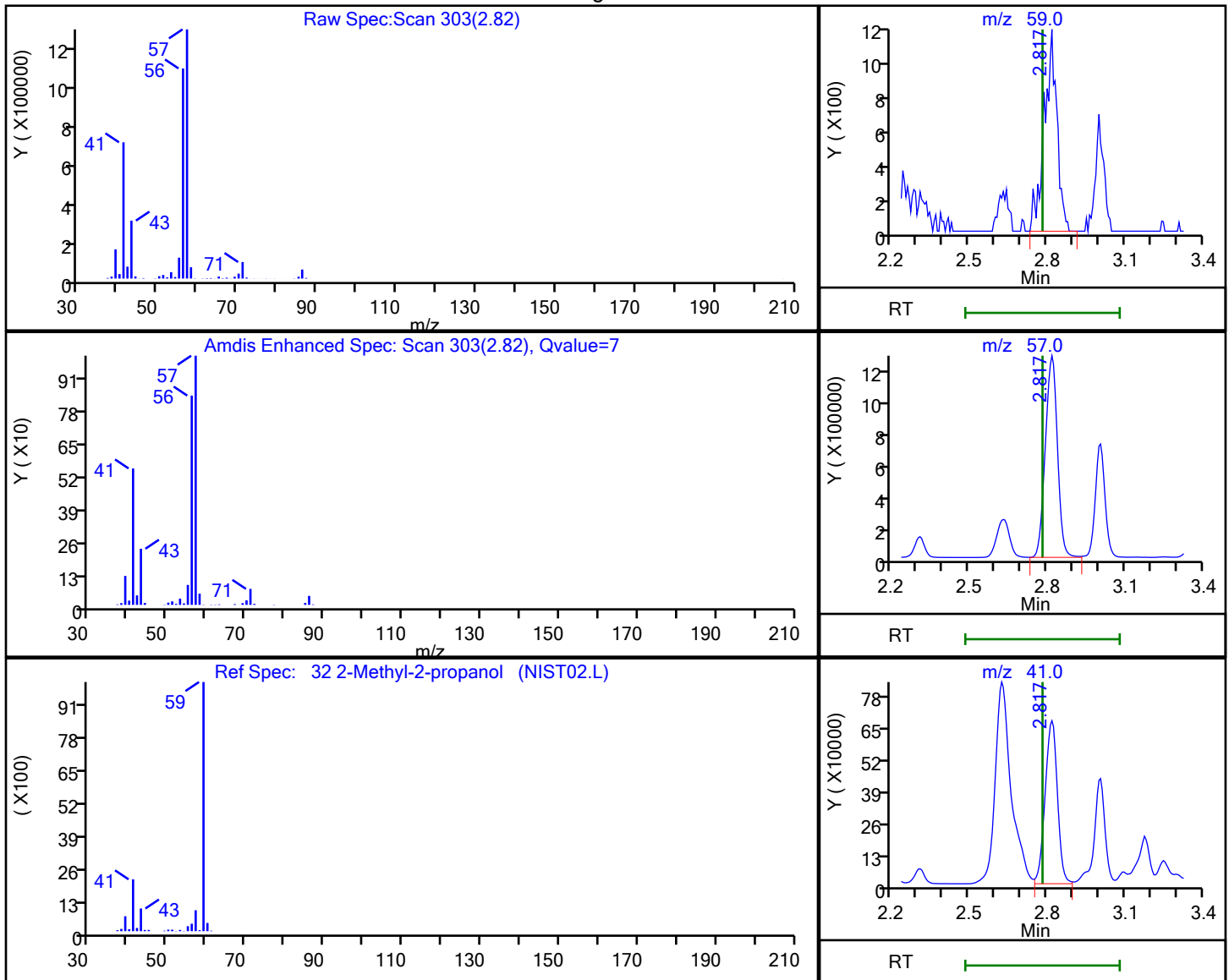
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.82	59.00	4018	8.553421
2.82	57.00	4046044	
2.82	41.00	2248775	

Reviewer: FK2C, 01-Nov-2022 12:30:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

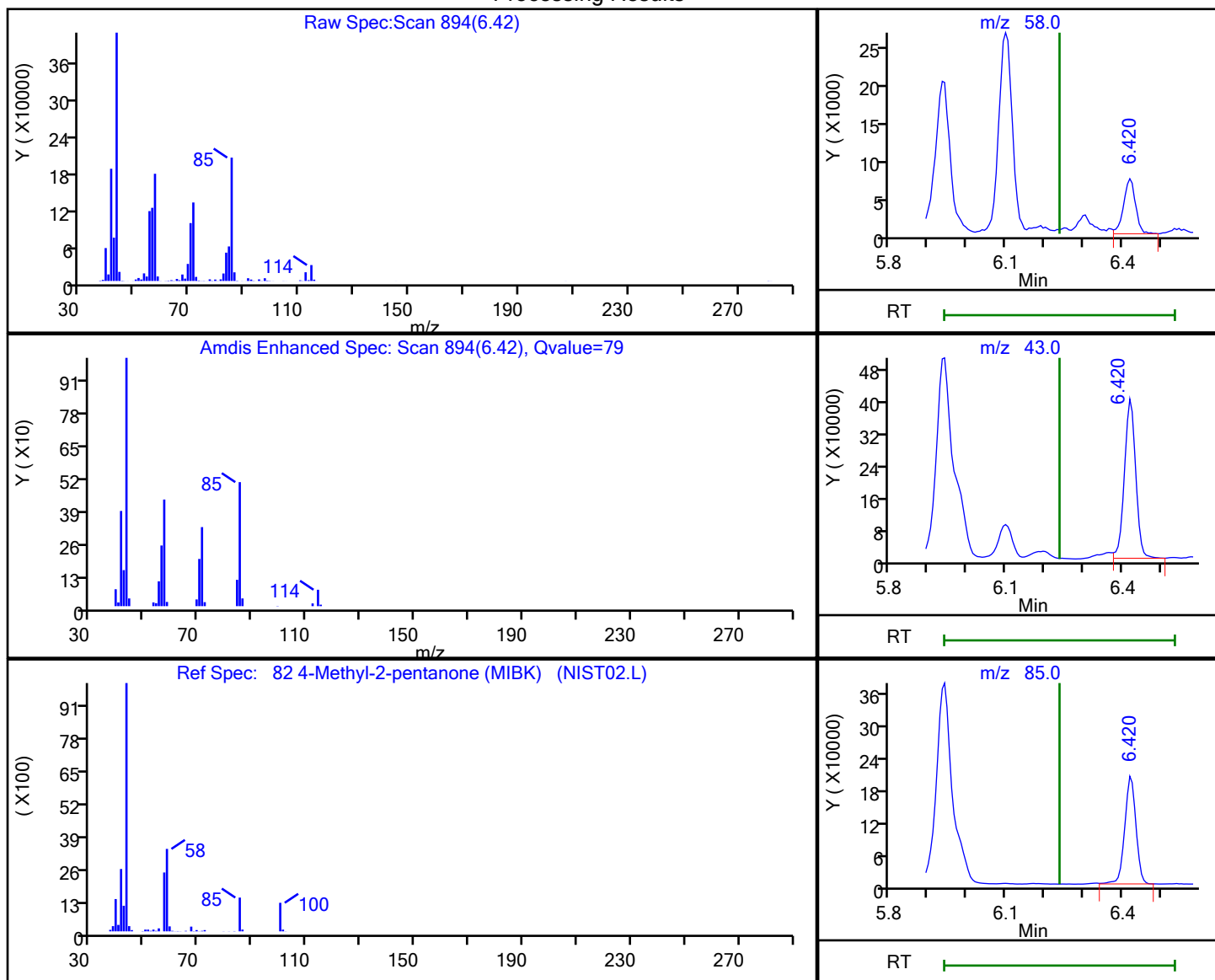
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.42	58.00	15528	13.305070
6.42	43.00	811365	
6.42	85.00	402621	
6.41	100.00	325	

Reviewer: FK2C, 01-Nov-2022 12:31:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

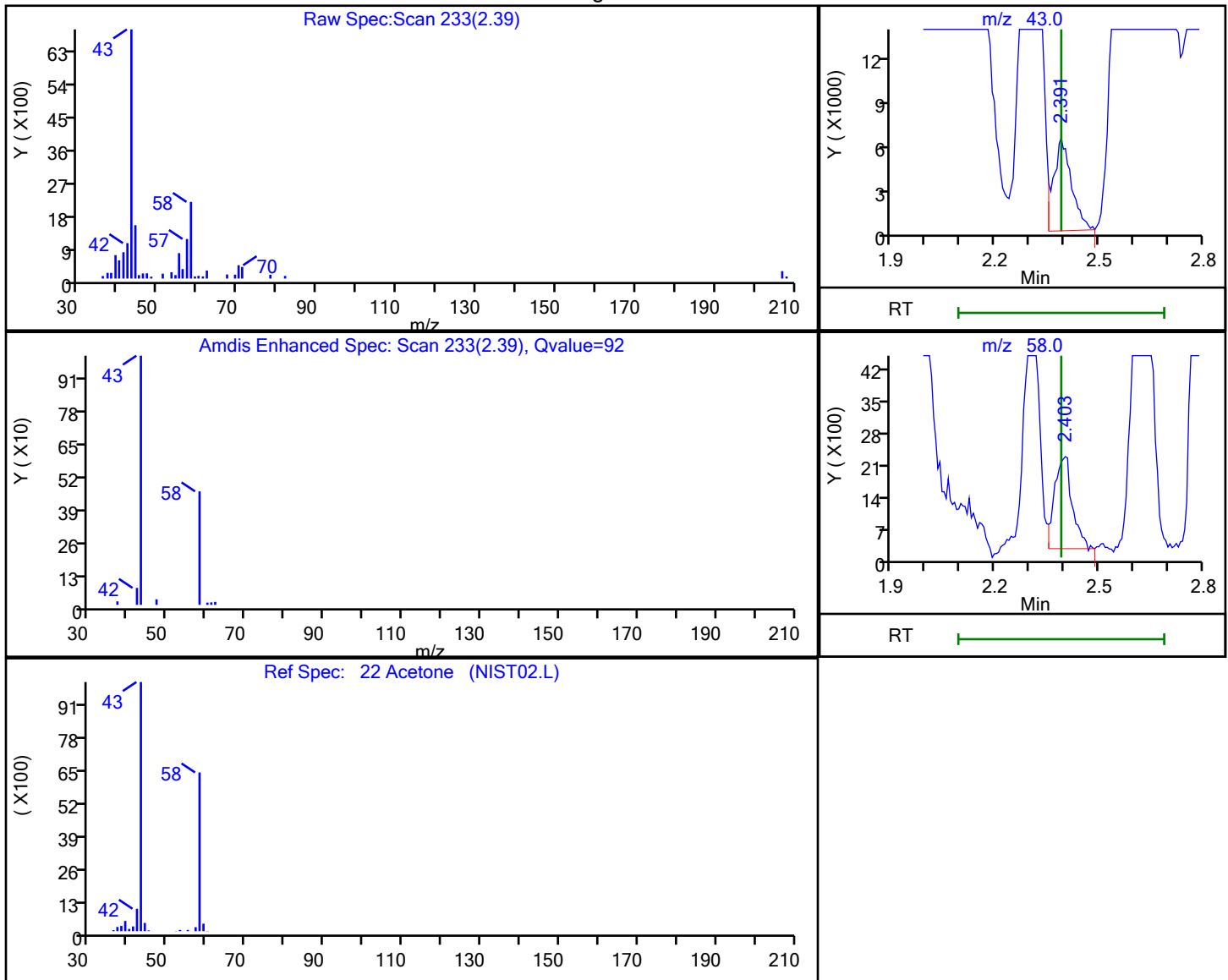
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.39	43.00	21372	25.453193
2.40	58.00	7318	

Reviewer: FK2C, 01-Nov-2022 12:30:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

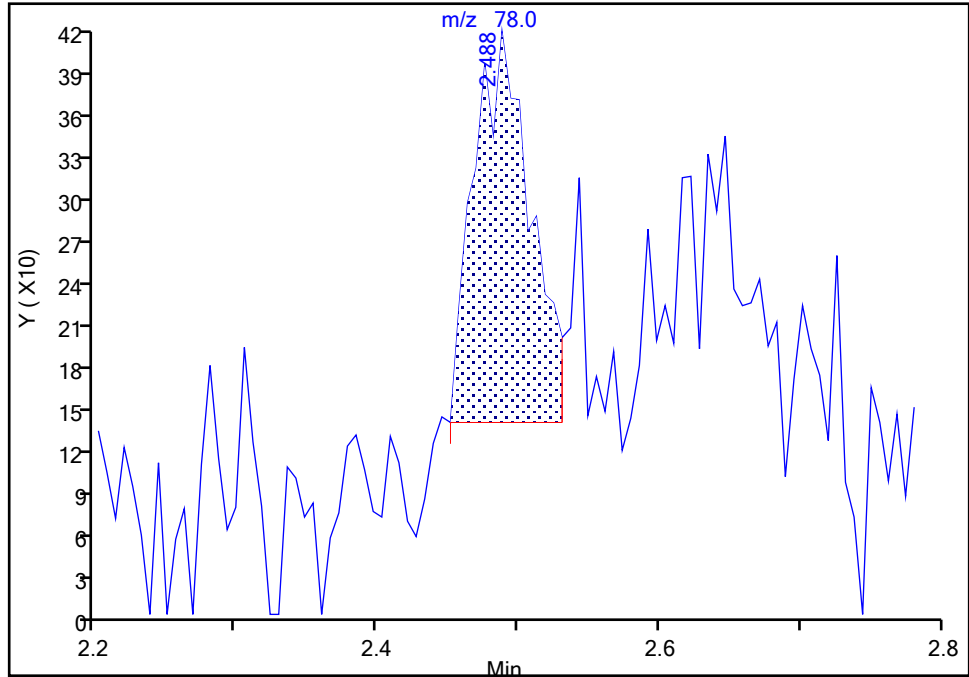
Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 2

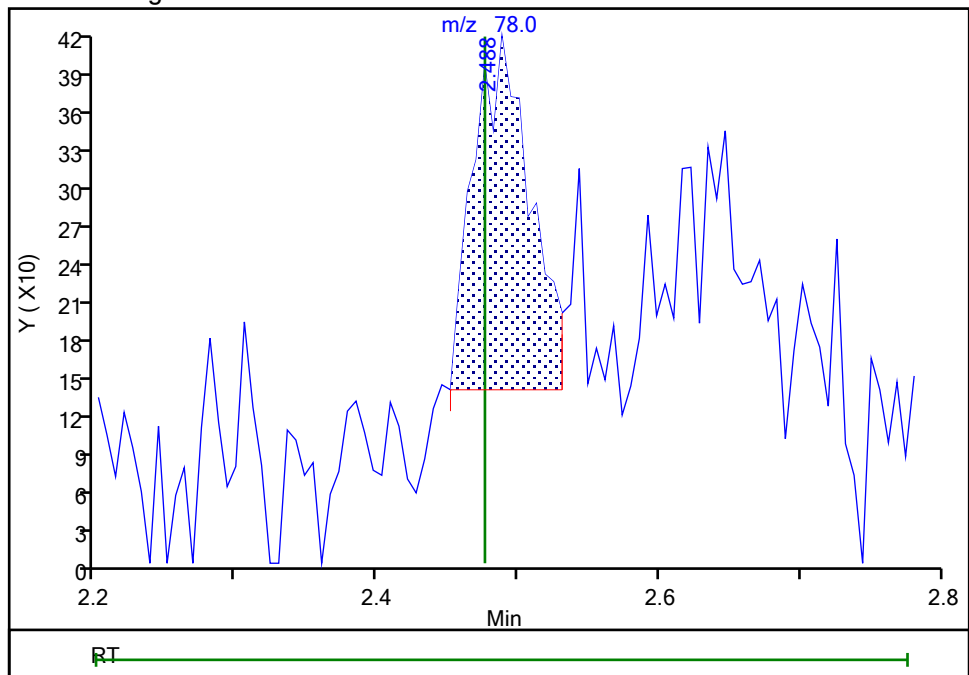
RT: 2.49
Area: 788
Amount: 1.046937
Amount Units: ug/l

Processing Integration Results



RT: 2.49
Area: 788
Amount: 1.046937
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 12:30:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

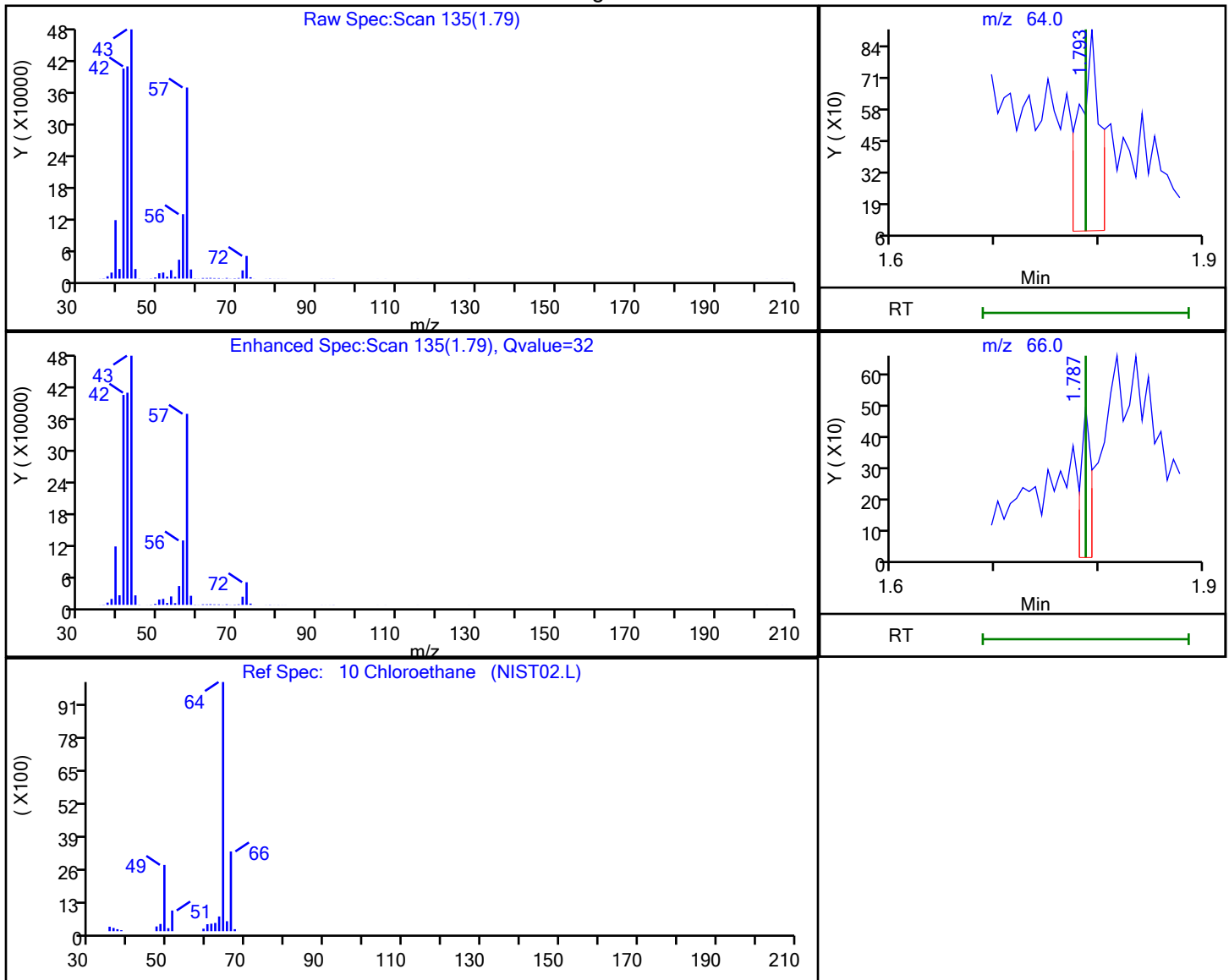
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.79	64.00	1148	0.545170
1.79	66.00	362	

Reviewer: FK2C, 01-Nov-2022 12:30:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

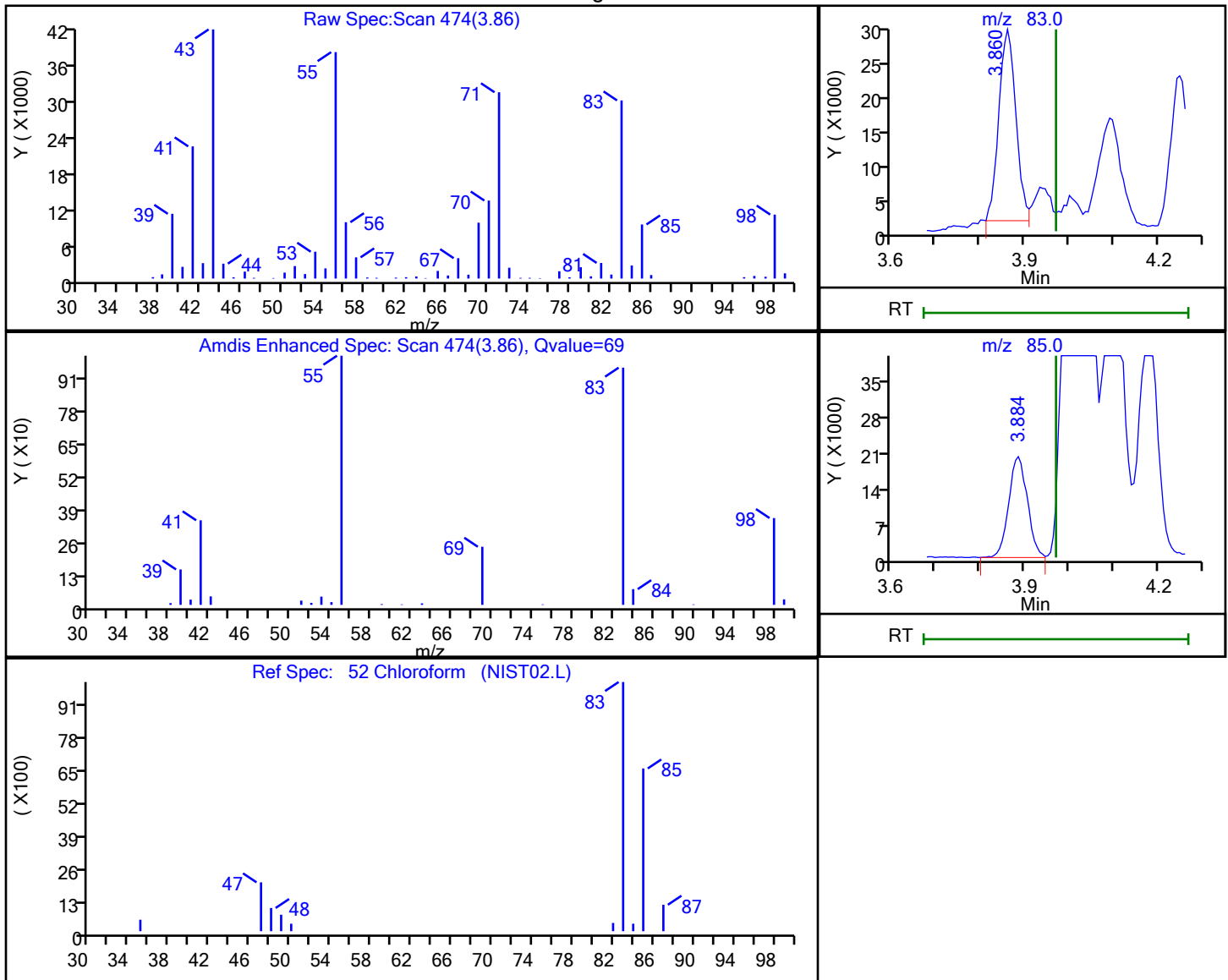
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
3.86	83.00	74735	10.588335
3.88	85.00	57252	

Reviewer: FK2C, 01-Nov-2022 12:30:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

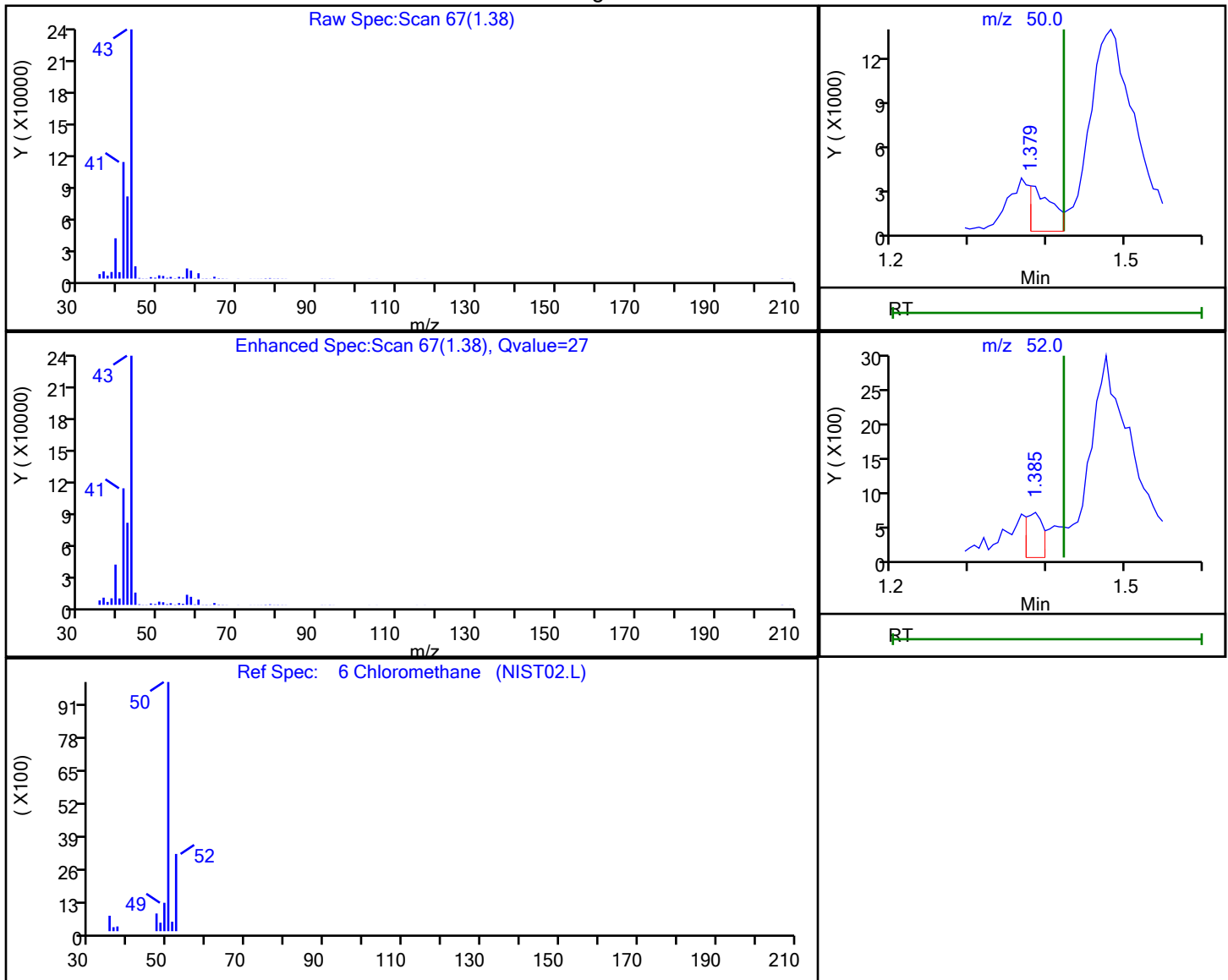
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.38	50.00	6236	1.066636
1.38	52.00	1020	

Reviewer: FK2C, 01-Nov-2022 12:30:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

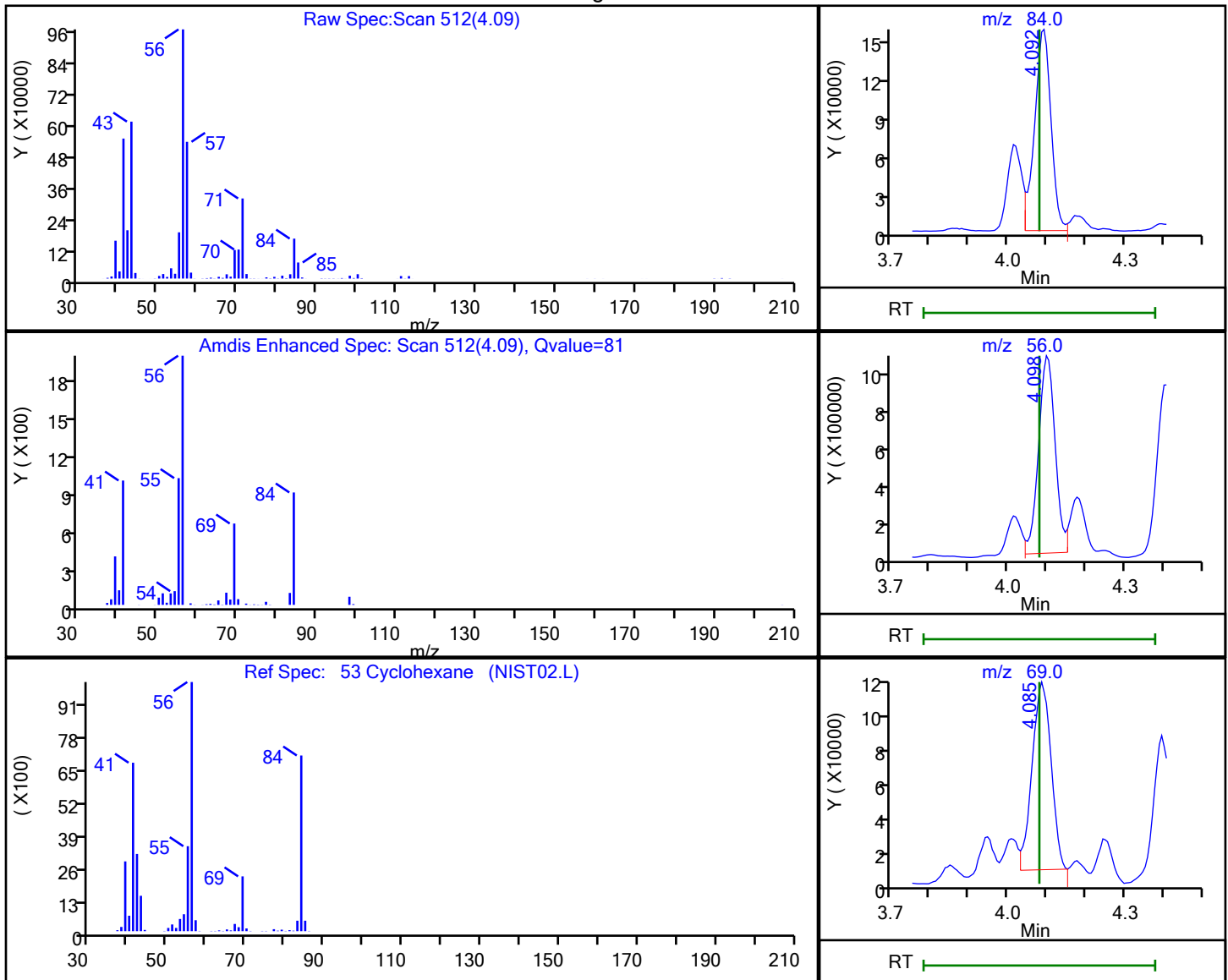
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.09	84.00	456661	93.916759
4.10	56.00	3070044	
4.09	69.00	366262	

Reviewer: W9CM, 02-Nov-2022 22:23:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

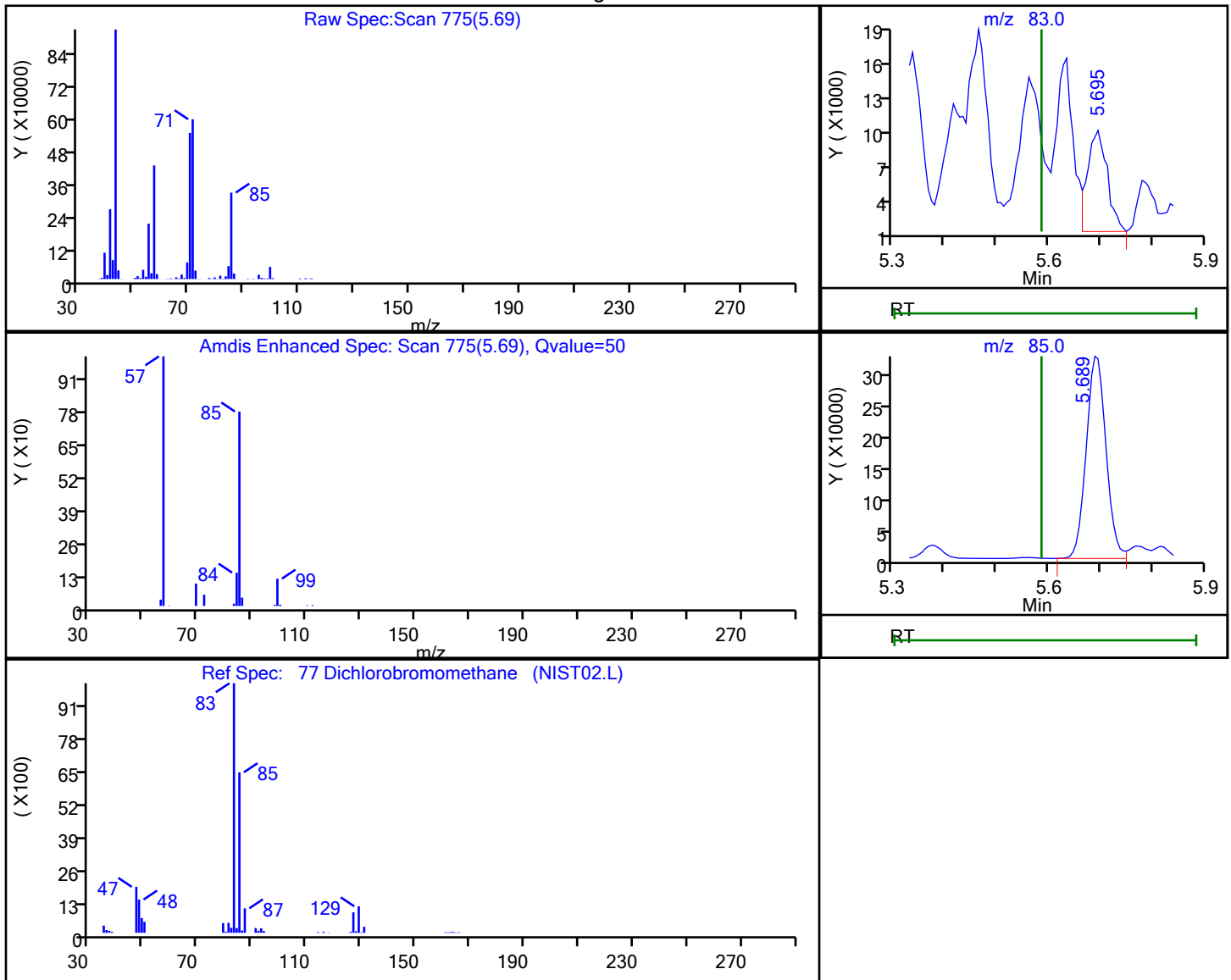
Column: DB-624 (0.18 mm)

Detector

MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.69	83.00	22958	4.431154
5.69	85.00	869576	

Reviewer: FK2C, 01-Nov-2022 12:31:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

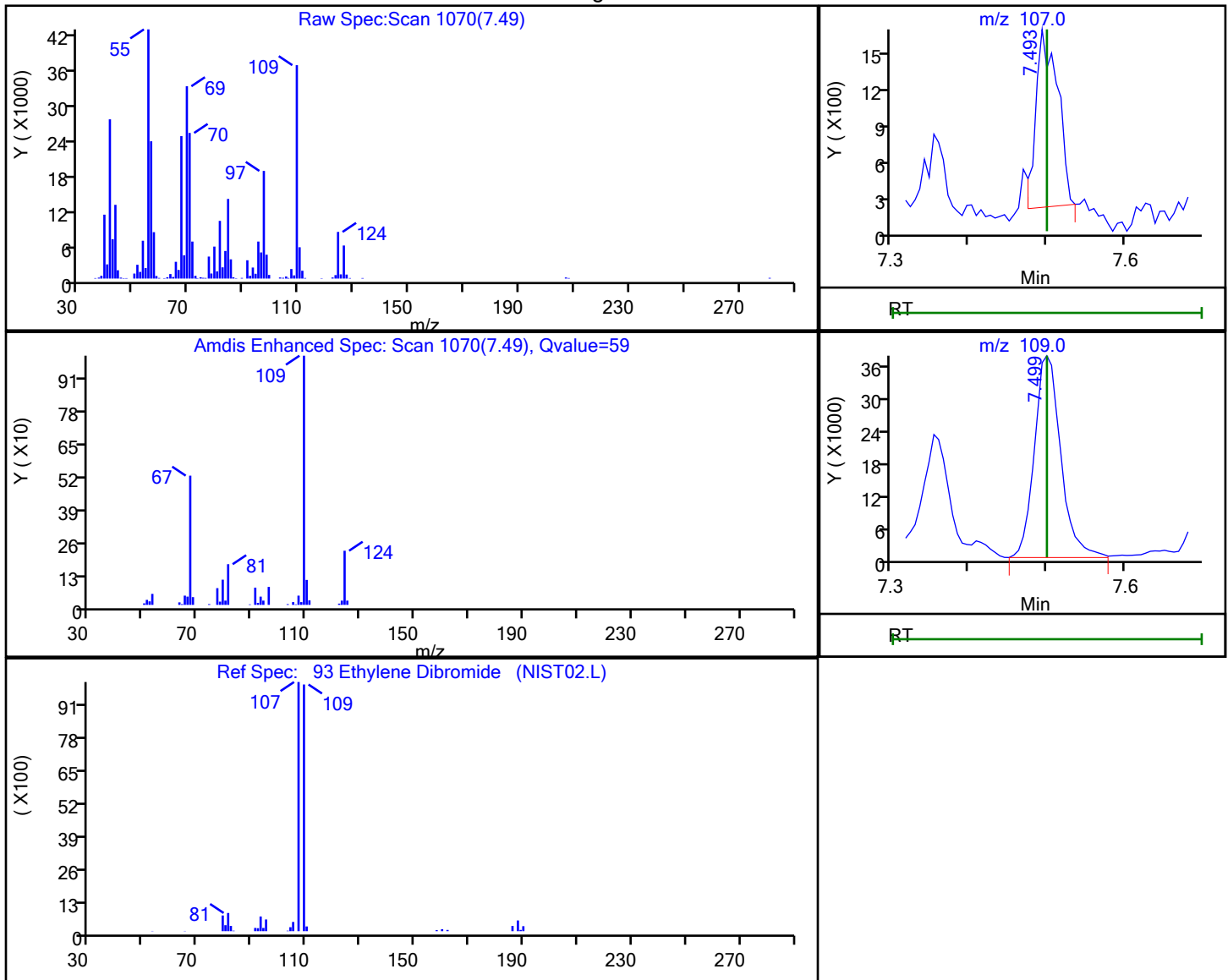
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

93 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.49	107.00	2777	0.940103
7.50	109.00	87738	

Reviewer: FK2C, 01-Nov-2022 12:31:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

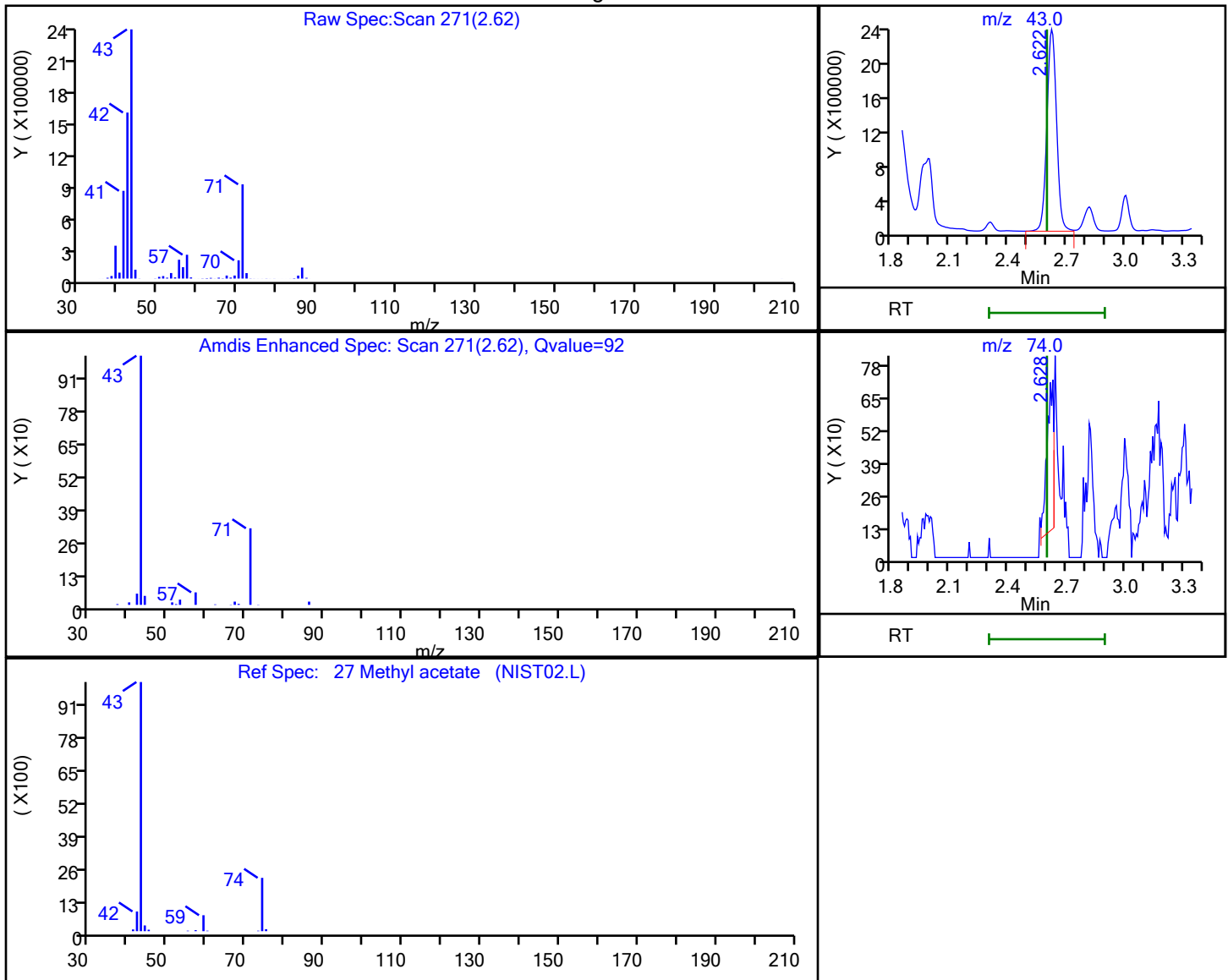
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.62	43.00	8274797	2740.8196
2.63	74.00	1458	

Reviewer: FK2C, 01-Nov-2022 12:30:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

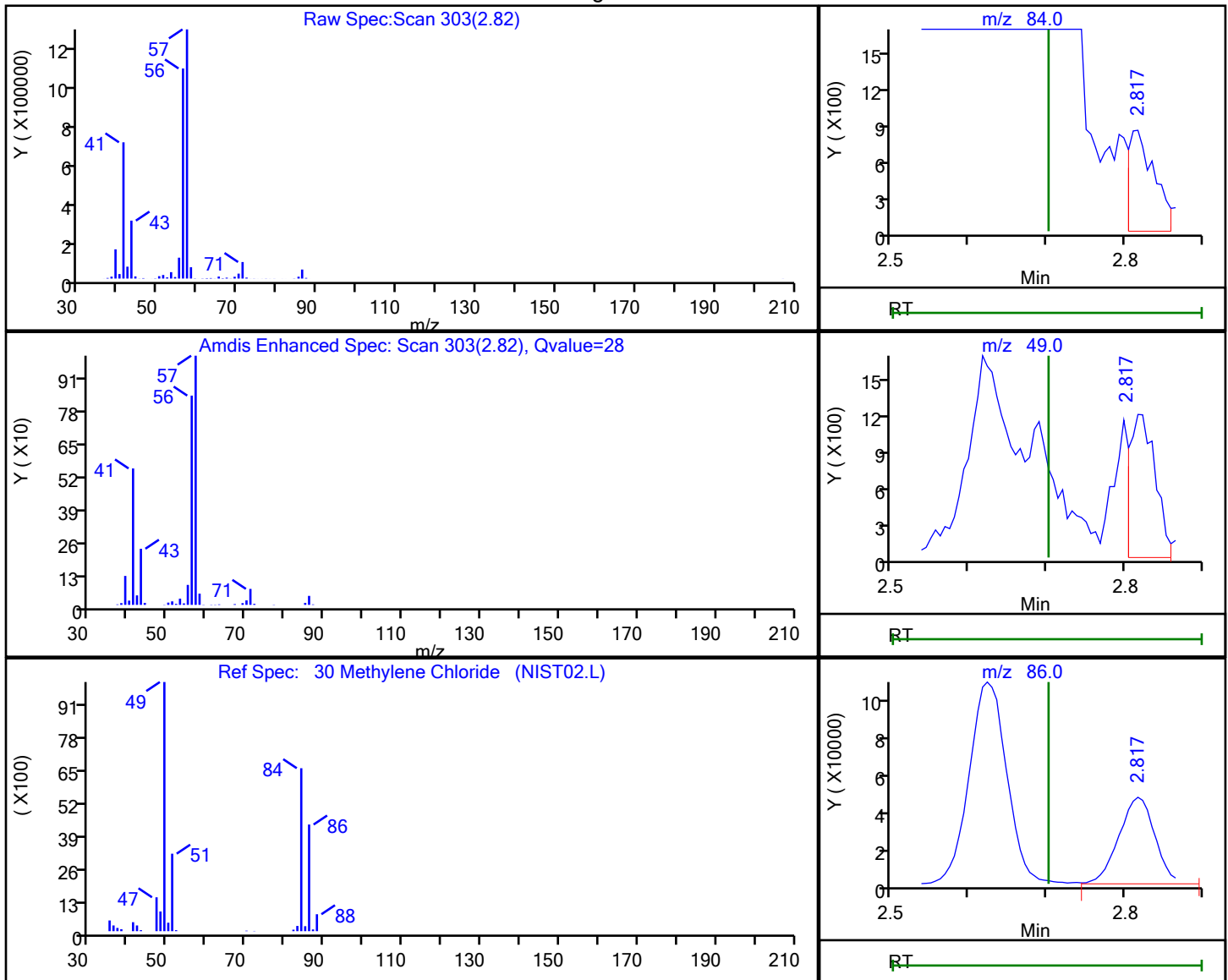
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
2.82	84.00	1916	0.409938
2.82	49.00	2763	
2.82	86.00	145848	

Reviewer: W9CM, 02-Nov-2022 22:01:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

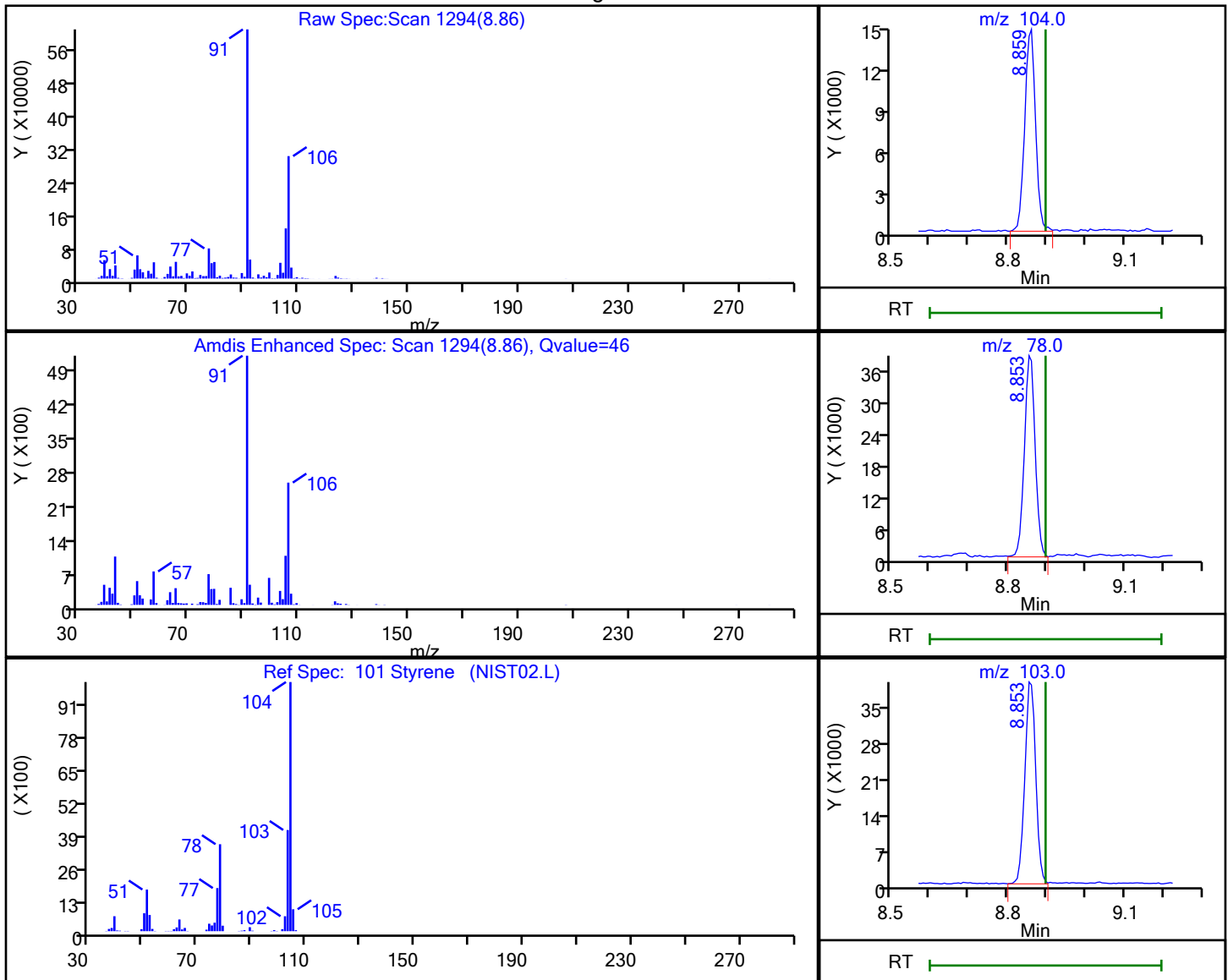
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.86	104.00	27627	2.766933
8.85	78.00	74049	
8.85	103.00	76545	

Reviewer: FK2C, 01-Nov-2022 12:31:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

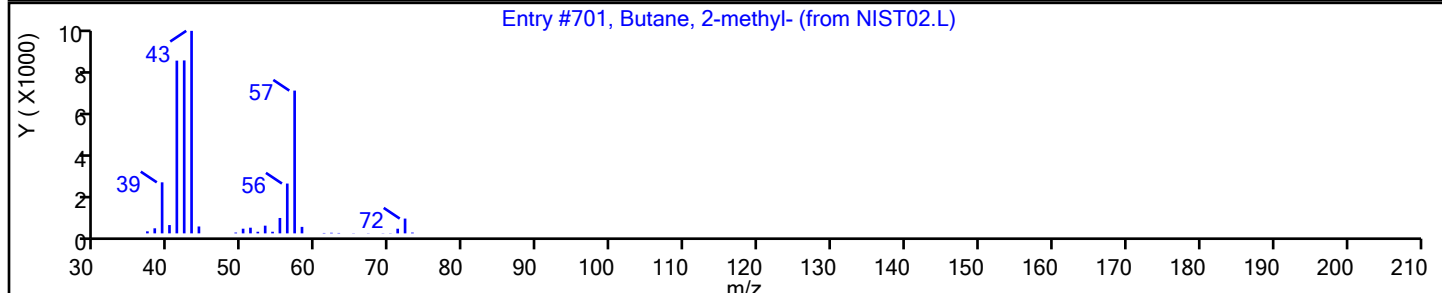
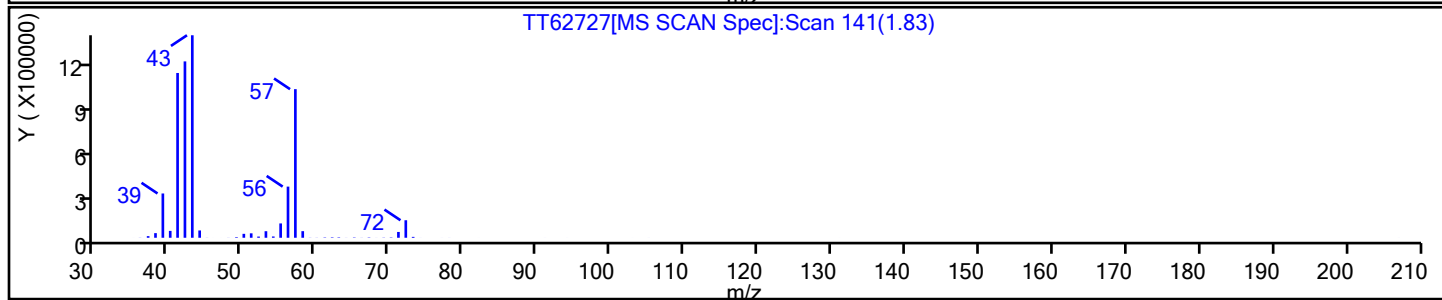
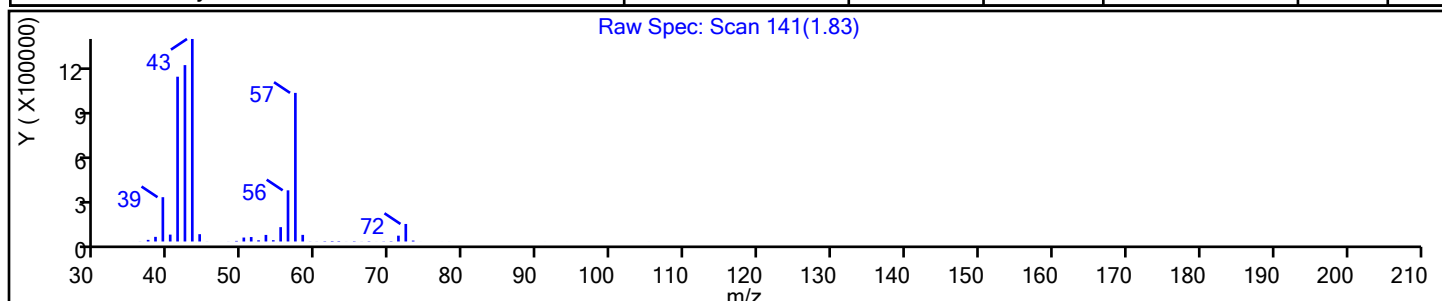
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Butane, 2-methyl-	78-78-4	NIST02.L	701	C5H12	72	94



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

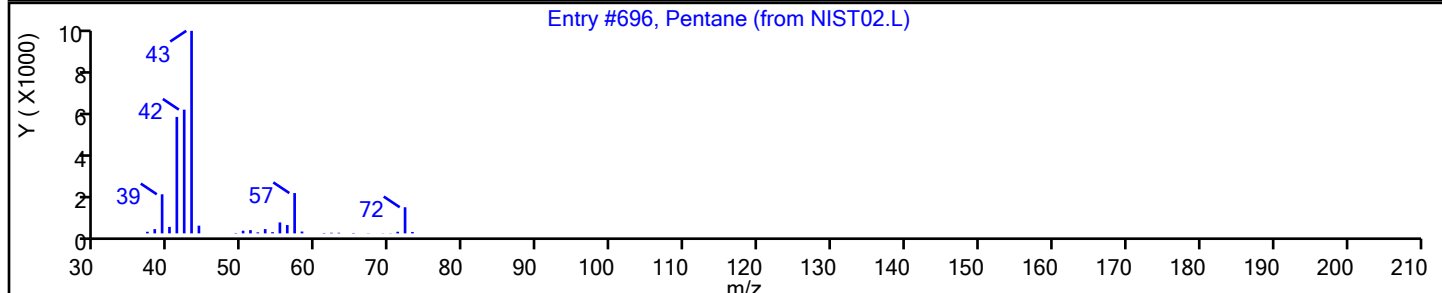
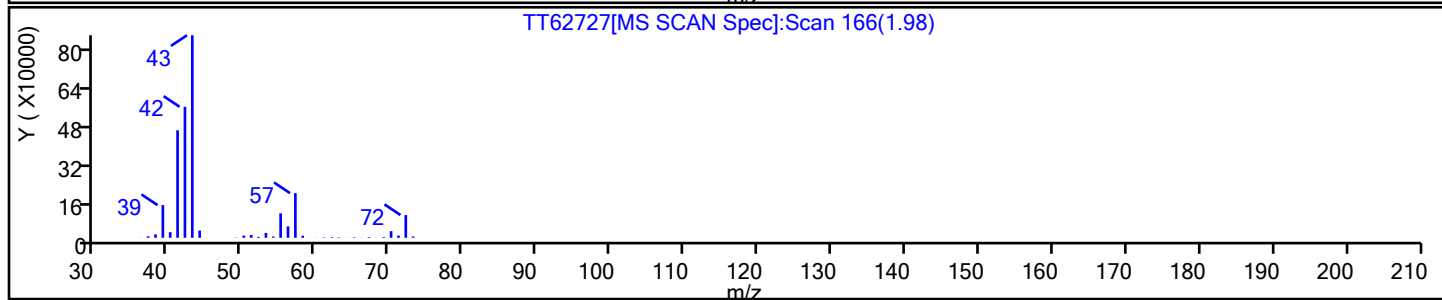
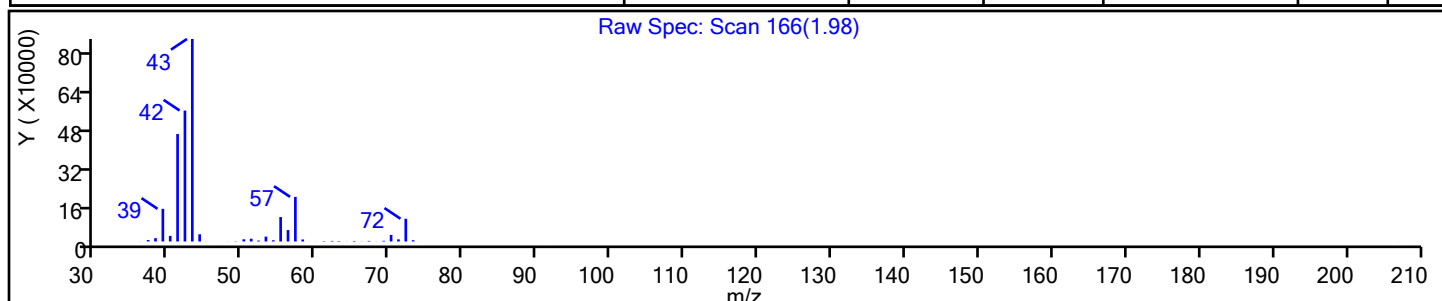
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane	109-66-0	NIST02.L	696	C5H12	72	91



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

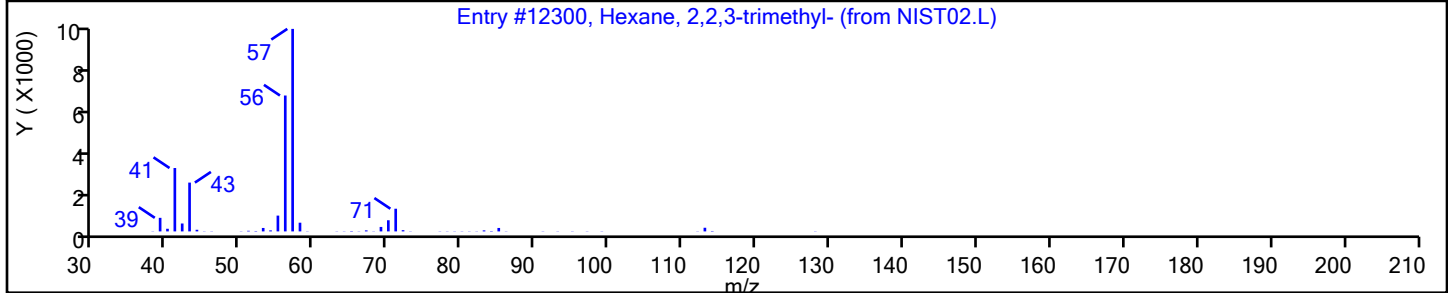
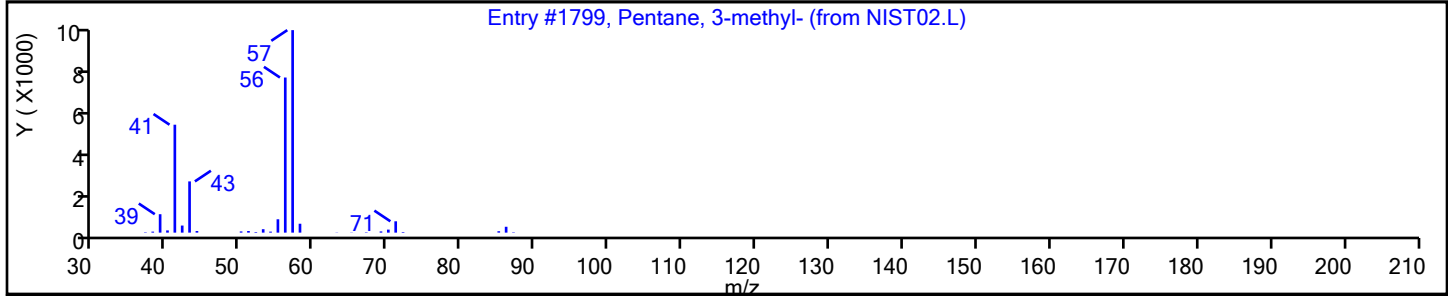
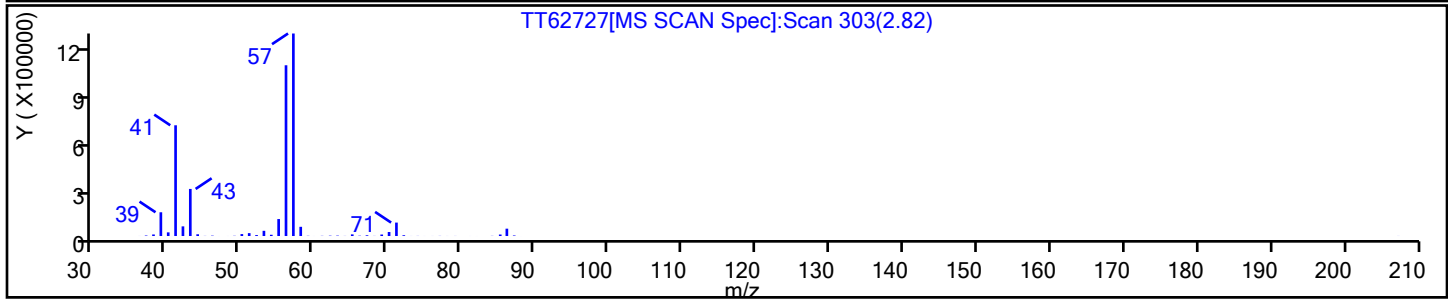
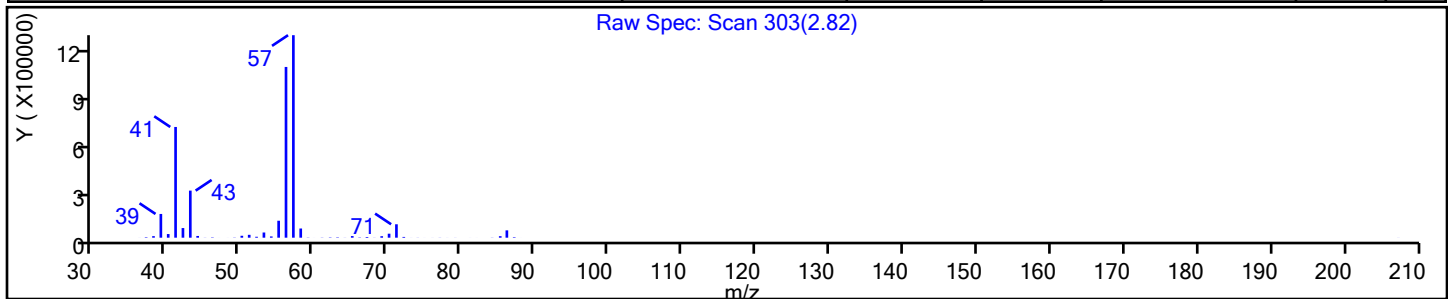
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 3-methyl-	96-14-0	NIST02.L	1799	C6H14	86	91
Hexane, 2,2,3-trimethyl-	16747-25-4	NIST02.L	12300	C9H20	128	74



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

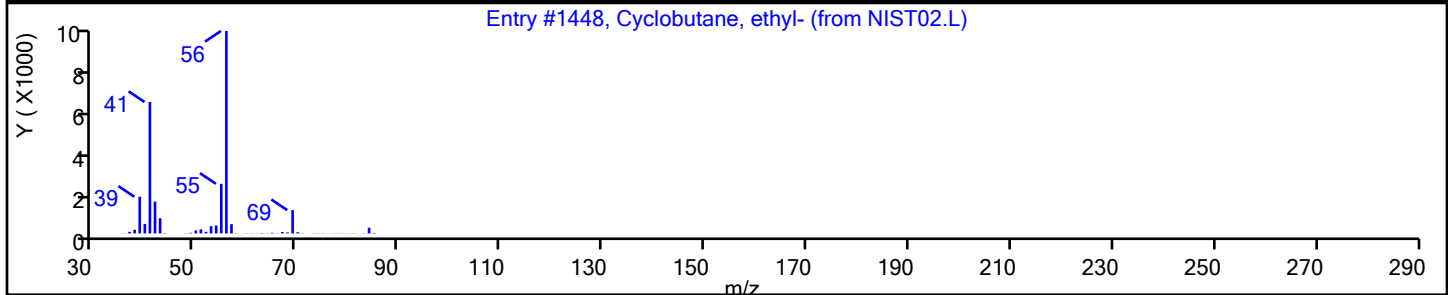
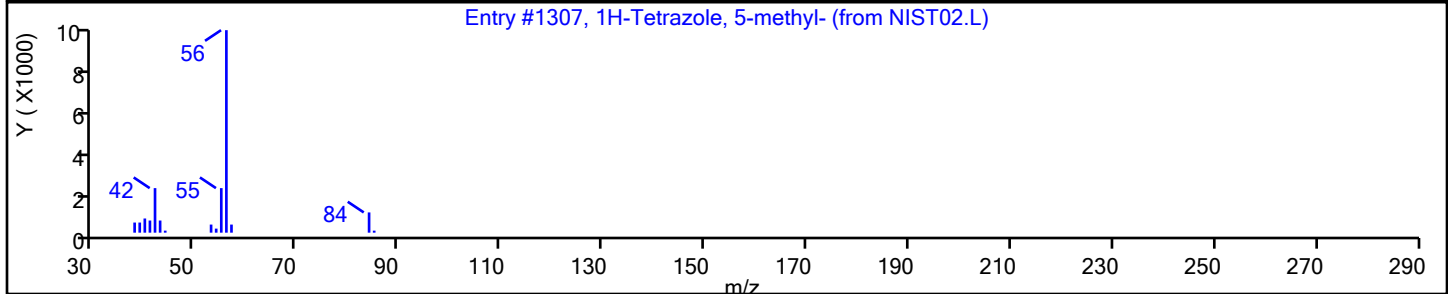
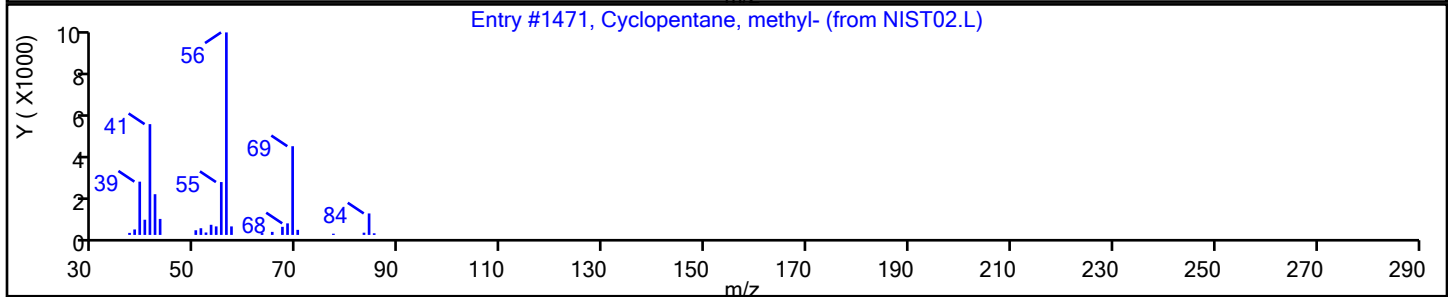
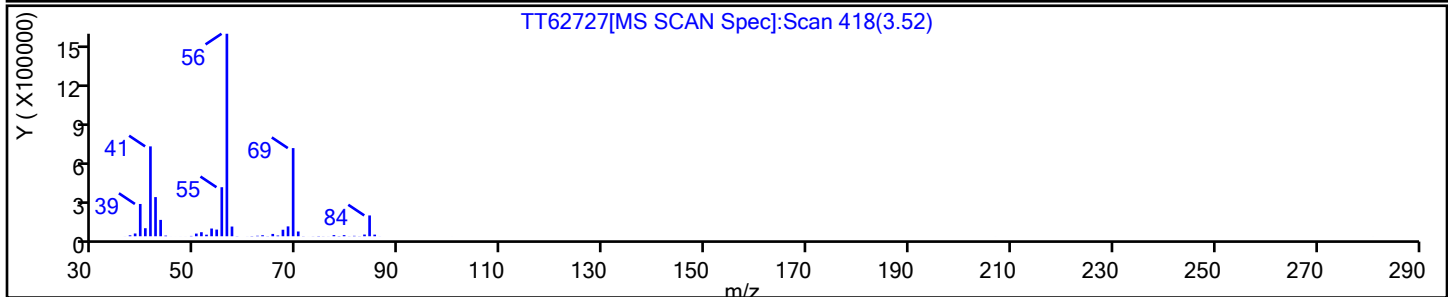
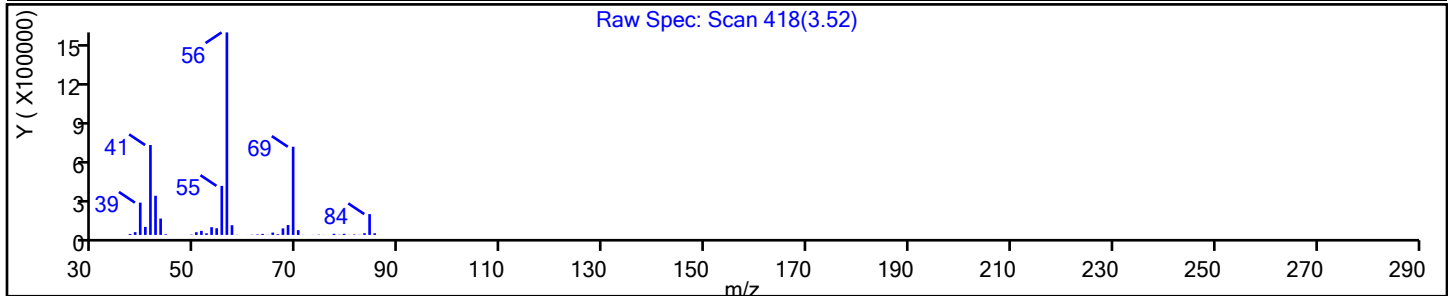
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclopentane, methyl-	96-37-7	NIST02.L	1471	C6H12	84	94
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.L	1307	C2H4N4	84	80
Cyclobutane, ethyl-	4806-61-5	NIST02.L	1448	C6H12	84	72



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

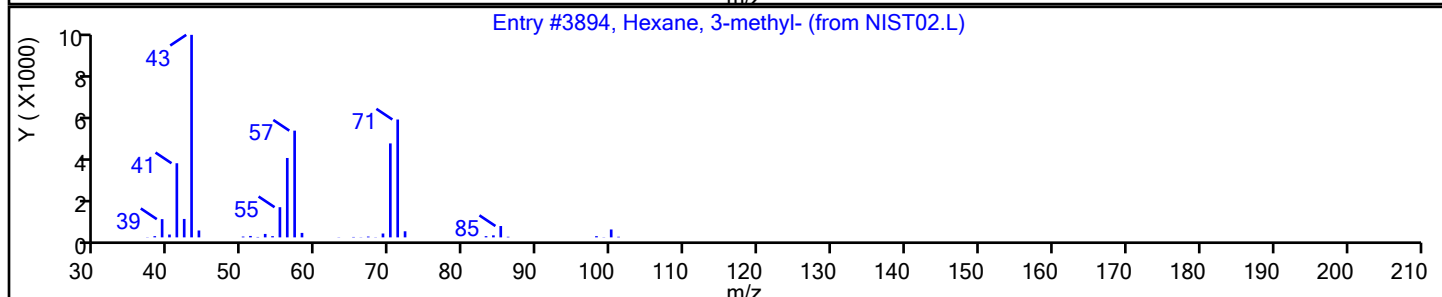
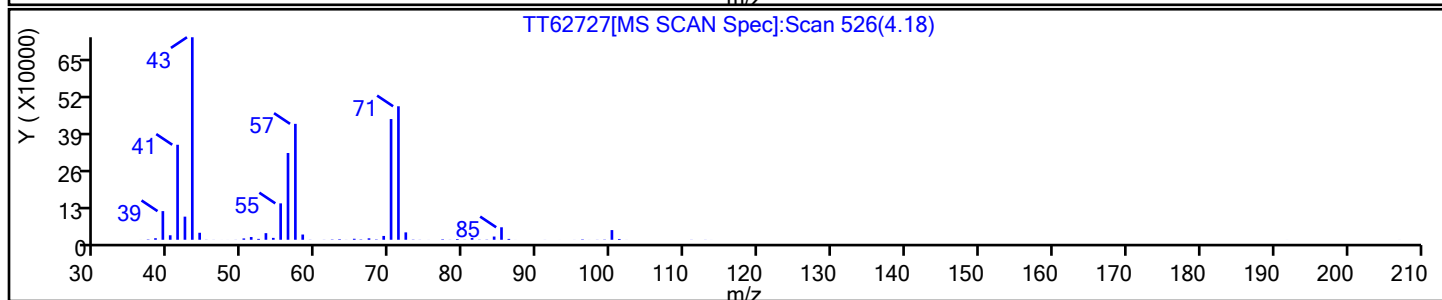
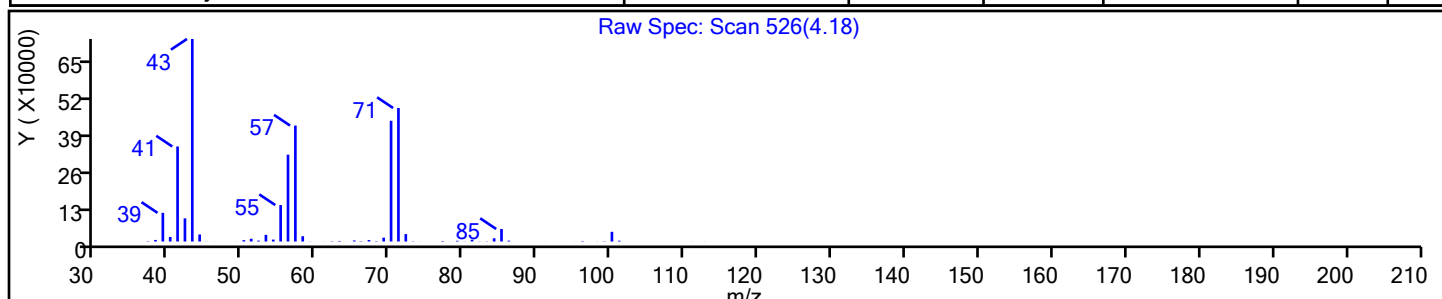
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexane, 3-methyl-	589-34-4	NIST02.L	3894	C7H16	100	95



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

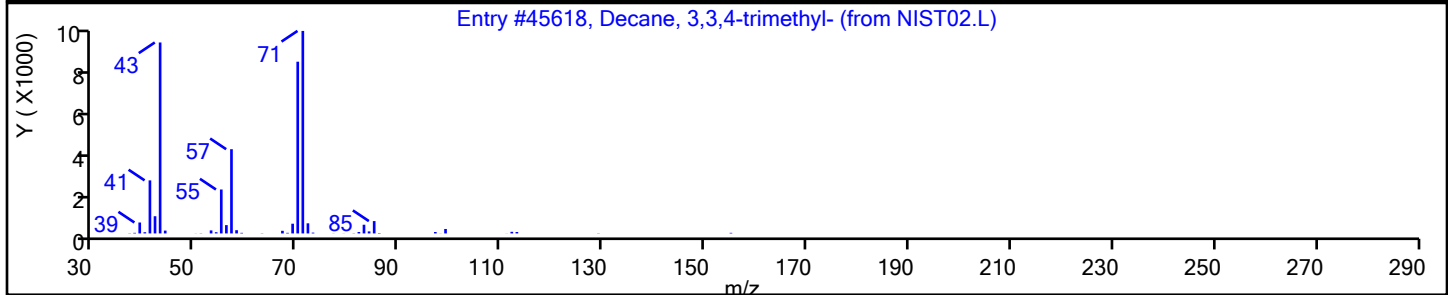
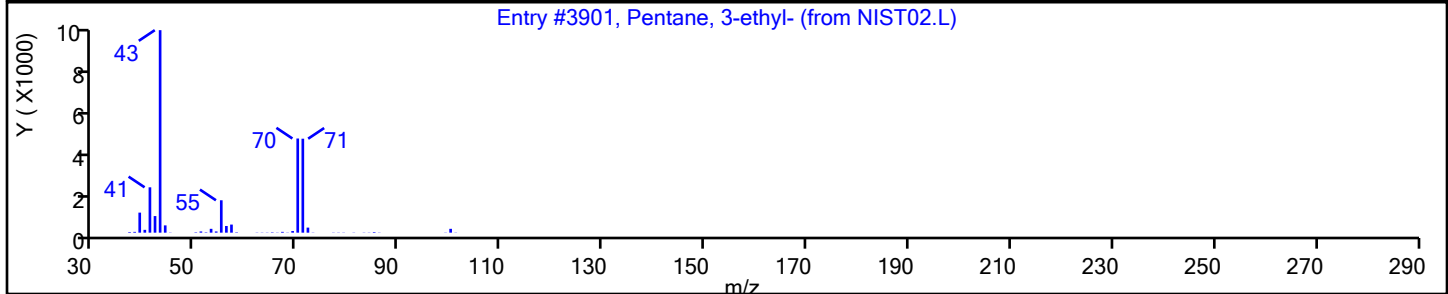
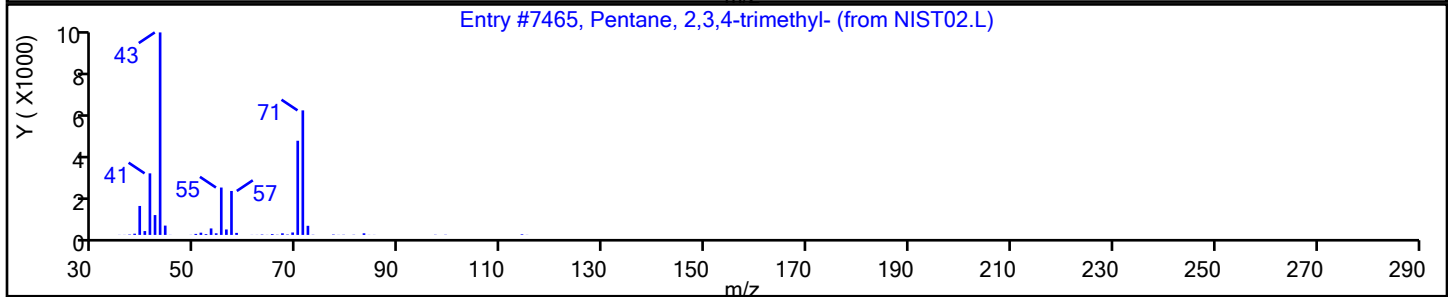
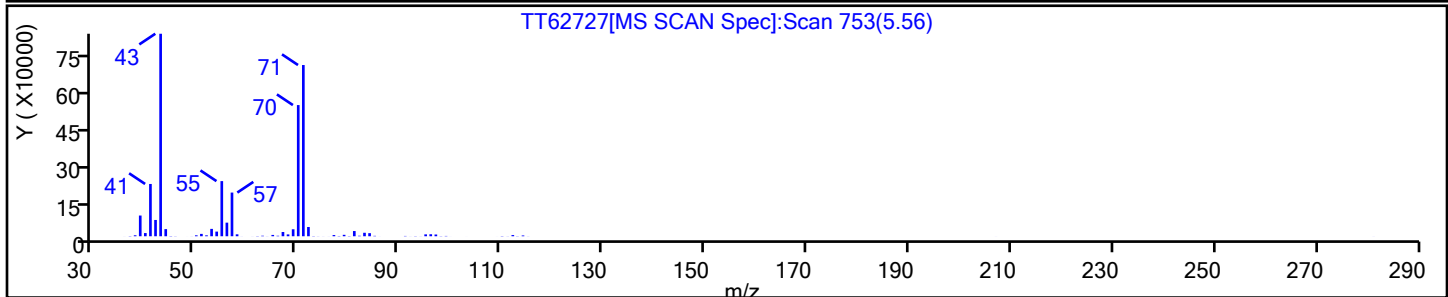
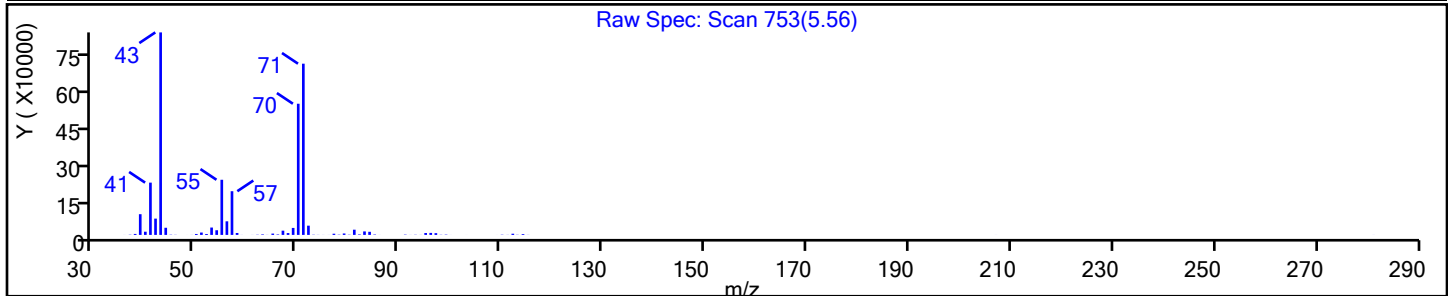
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentane, 2,3,4-trimethyl-	565-75-3	NIST02.L	7465	C8H18	114	90
Pentane, 3-ethyl-	617-78-7	NIST02.L	3901	C7H16	100	83
Decane, 3,3,4-trimethyl-	49622-18-6	NIST02.L	45618	C13H28	184	78



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

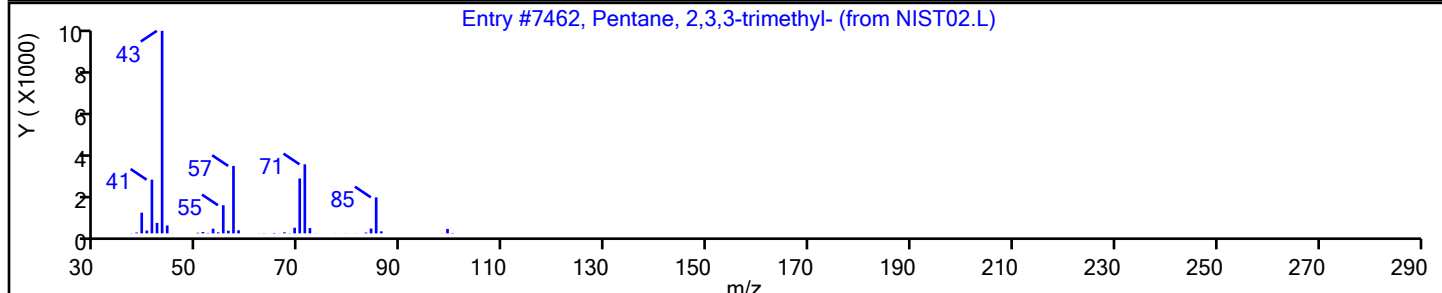
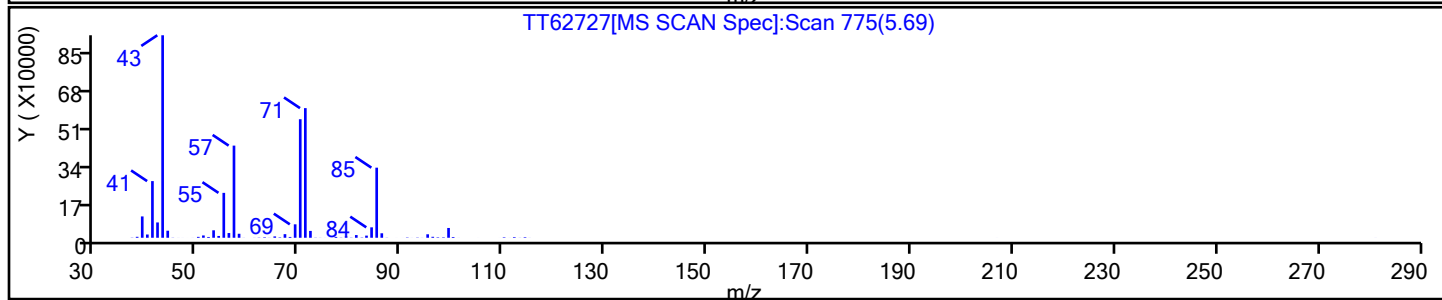
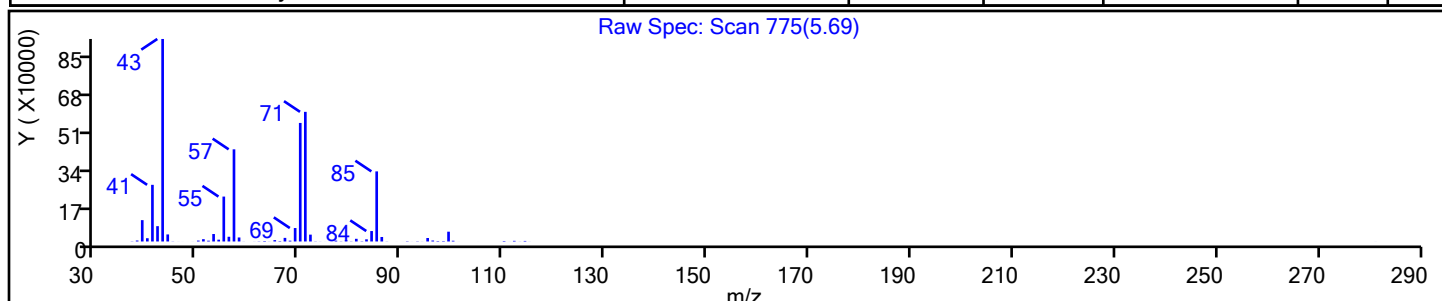
Method: 8260W_17

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	7462	C8H18	114	83



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

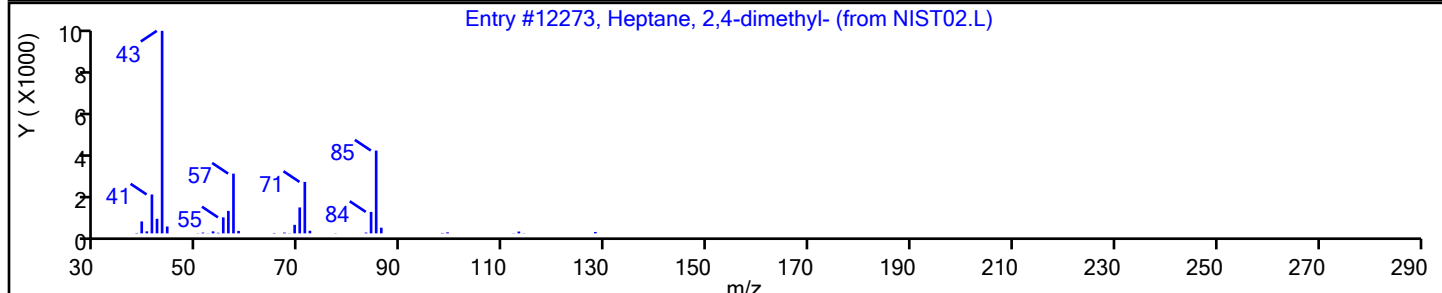
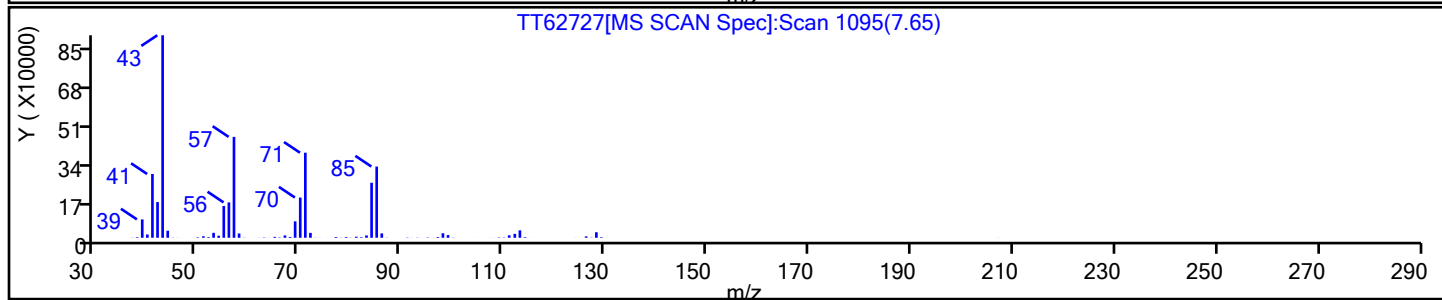
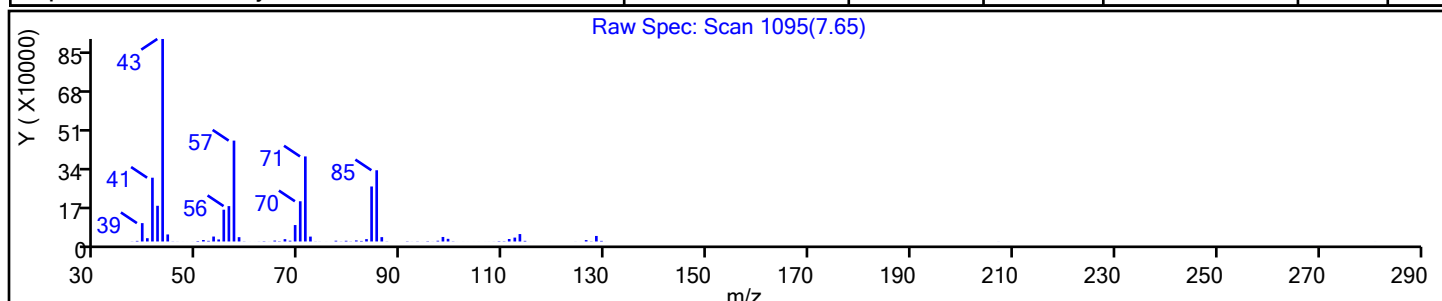
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptane, 2,4-dimethyl-	2213-23-2	NIST02.L	12273	C9H20	128	80



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

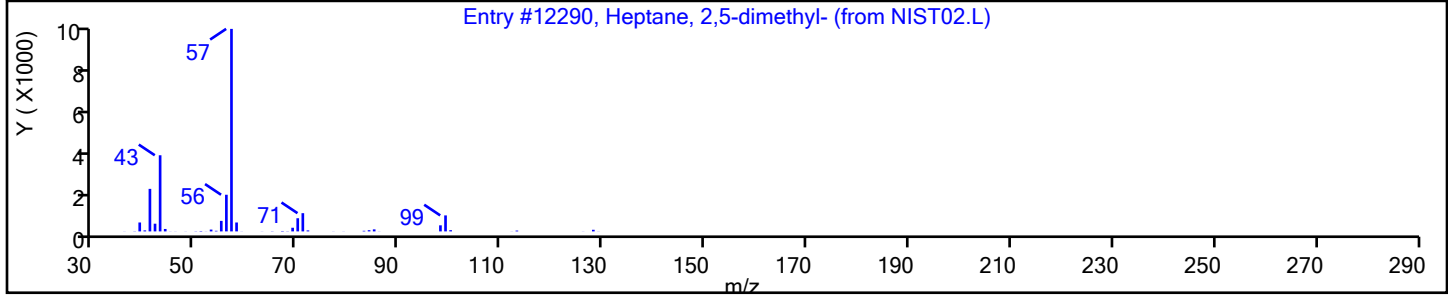
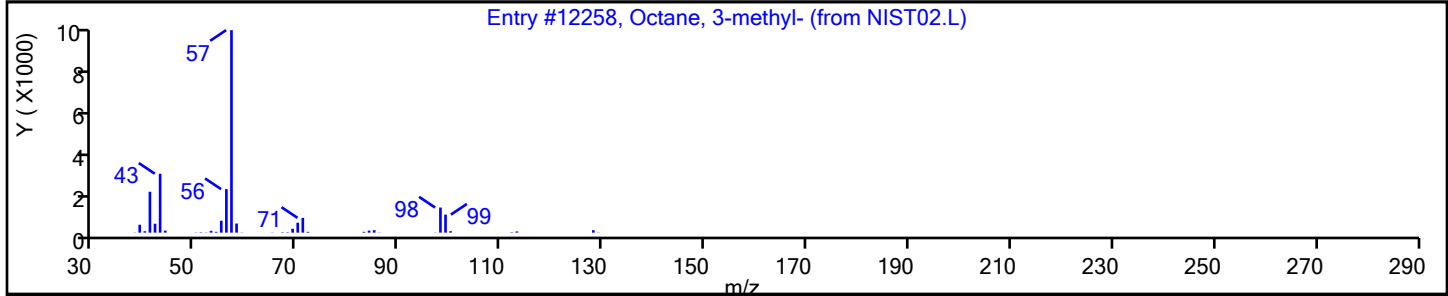
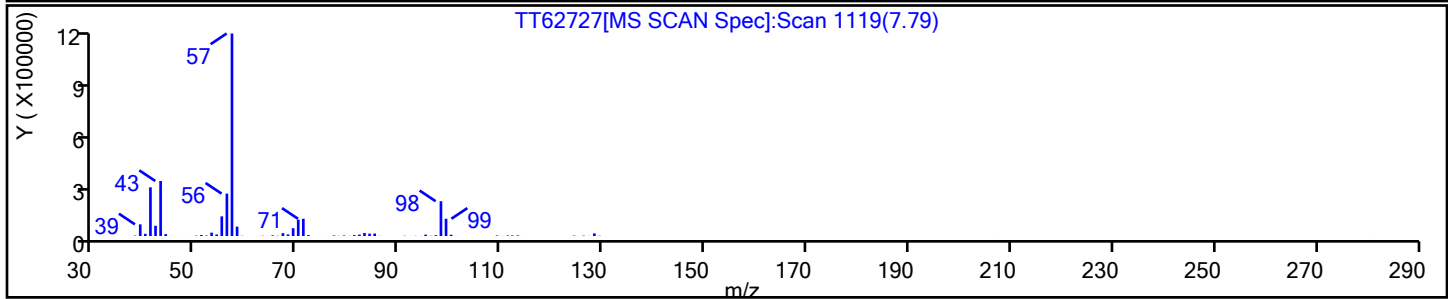
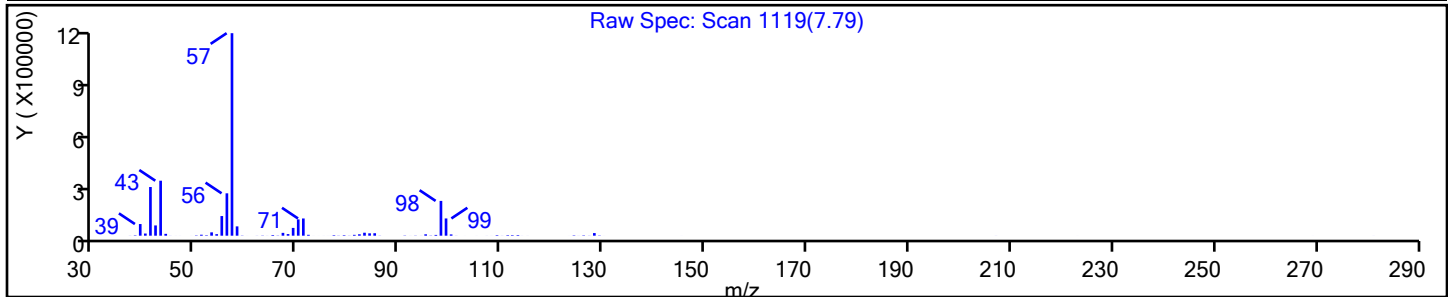
VOA - 8260D Water and Solid

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octane, 3-methyl-	2216-33-3	NIST02.L	12258	C9H20	128	91
Heptane, 2,5-dimethyl-	2216-30-0	NIST02.L	12290	C9H20	128	72



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62727.D

Injection Date: 01-Nov-2022 10:25:30

Instrument ID: CVOAMS17

Lims ID: 460-268448-C-5

Lab Sample ID: 460-268448-5

Client ID: CVW-MW-4B

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

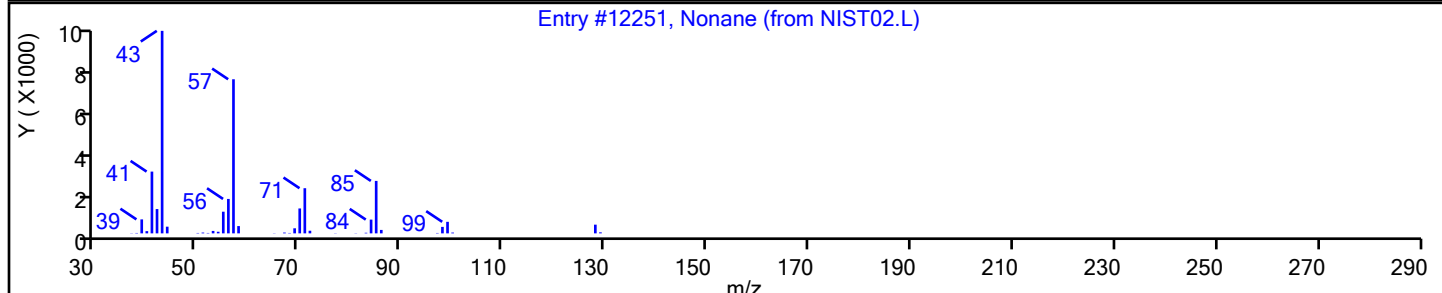
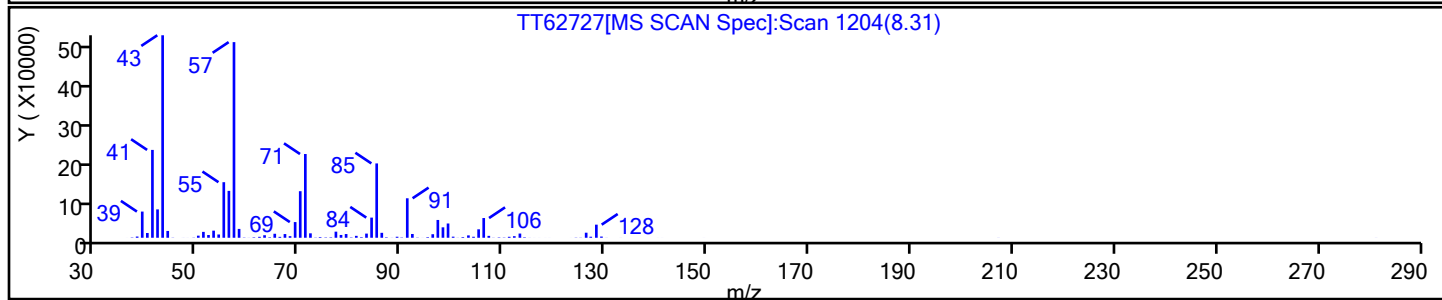
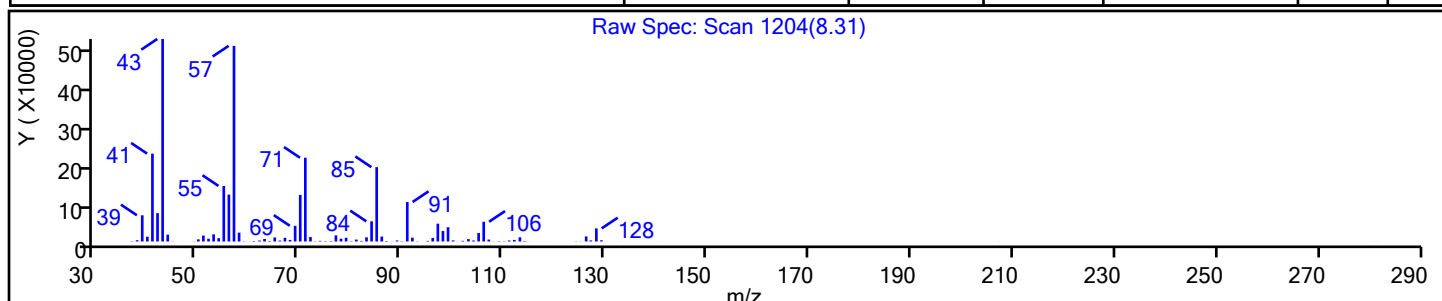
Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonane	111-84-2	NIST02.L	12251	C9H20	128	93



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522-1</u>	Lab Sample ID: <u>460-268448-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654929.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:50</u>
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>10/31/2022 08:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522-1</u>	Lab Sample ID: <u>460-268448-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654929.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 08:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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)	107		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-102522-1</u>	Lab Sample ID: <u>460-268448-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654929.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/25/2022 13:50</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 08:47</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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\CVOAMS15\20221031-152515.b\T654929.D
 Lims ID: 460-268448-B-6
 Client ID: FB-102522-1
 Sample Type: Client
 Inject. Date: 31-Oct-2022 08:47:24 ALS Bottle#: 0 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-268448-B-6
 Misc. Info.: 460-0152515-009
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 09:13:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	97	41888	1000.0	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	45	342282	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	115786	49.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.288	0.000	91	165558	53.7	
* 65 Fluorobenzene	96	5.605	5.605	0.000	97	464816	50.0	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	27752	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.574	7.580	-0.006	98	434174	51.8	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	309283	50.0	
\$ 105 4-Bromofluorobenzene	174	11.610	11.610	0.000	80	97607	46.5	
* 120 1,4-Dichlorobenzene-d4	152	12.994	12.994	0.000	97	135288	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654929.D

Injection Date: 31-Oct-2022 08:47:24

Instrument ID: CVOAMS15

Lims ID: 460-268448-B-6

Lab Sample ID: 460-268448-6

Client ID: FB-102522-1

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

9

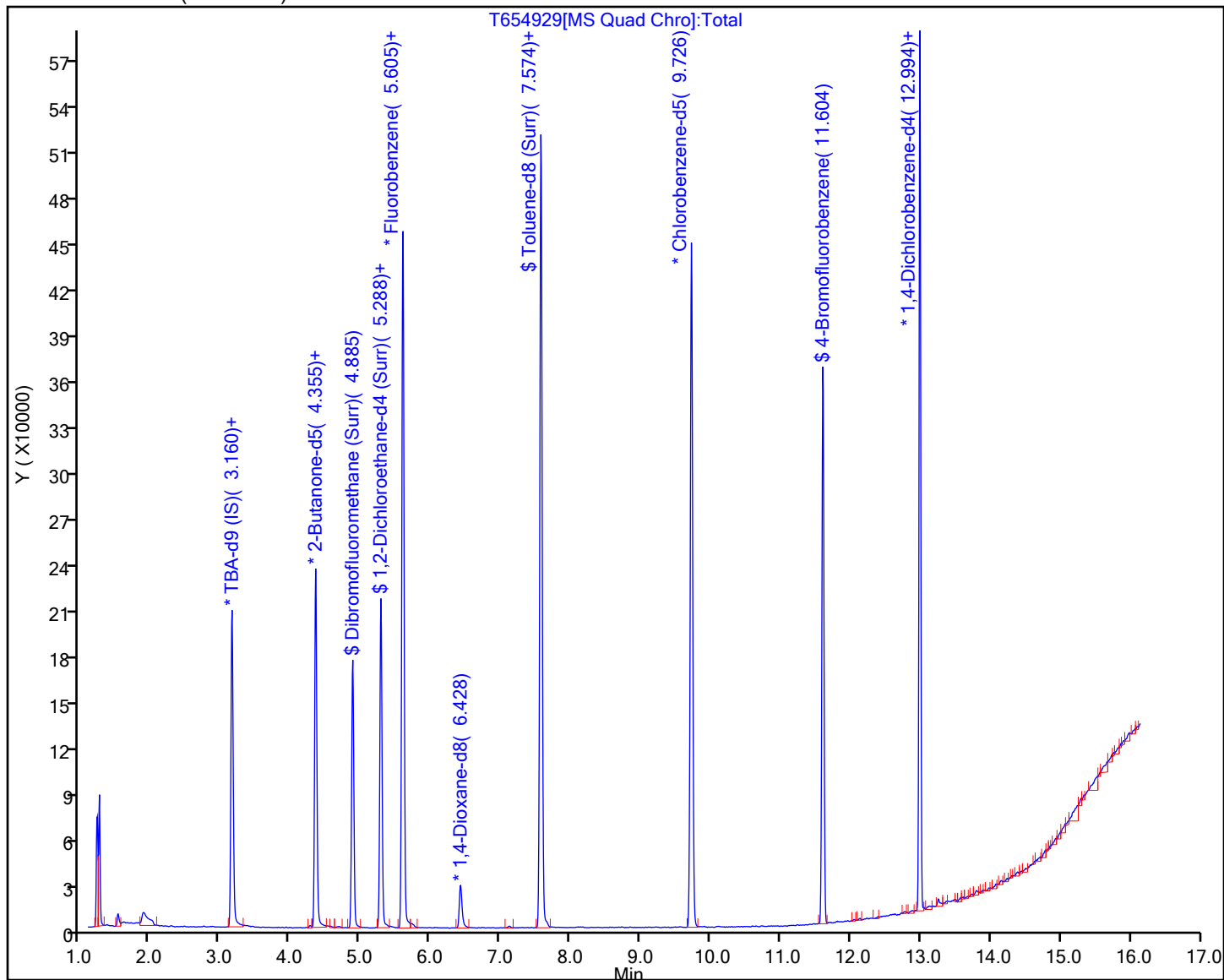
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654929.D
Lims ID: 460-268448-B-6
Client ID: FB-102522-1
Sample Type: Client
Inject. Date: 31-Oct-2022 08:47:24 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268448-B-6
Misc. Info.: 460-0152515-009
Operator ID: Instrument ID: CVOAMS15
Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 09:13:01

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	49.5	98.91
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	53.7	107.40
\$ 83 Toluene-d8 (Surr)	50.0	51.8	103.61
\$ 105 4-Bromofluorobenzene	50.0	46.5	92.95

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-874641/2	T654794.D
Level 2	STD05 460-874641/3	T654795.D
Level 3	STD1 460-874641/4	T654796.D
Level 4	STD5 460-874641/5	T654797.D
Level 5	STD20 460-874641/16	T654808.D
Level 6	STD50 460-874641/7	T654799.D
Level 7	STD200 460-874641/9	T654801.D
Level 8	STD500 460-874641/10	T654802.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Chlorotrifluoroethene	+++++ 0.0377	0.0484 0.0517	0.0373 0.0549	0.0520	0.0767	QuaF		0.048 5	0.0000128						0.9990		0.9900
Dichlorodifluoromethane	+++++ 0.2554	0.2580 0.2538	0.2584 0.3066	0.2905	0.2894	Ave		0.273 2			0.1000	7.9		20.0			
Chlorodifluoromethane	+++++ 0.0414	0.0644 0.0419	0.0439 0.0397	0.0558	0.0545	Ave		0.048 8				19.4		20.0			
Chloromethane	+++++ 0.2747	0.3234 0.3148	0.2761 0.3513	0.2878	0.3343	Ave		0.308 9			0.1000	9.7		20.0			
Vinyl chloride	+++++ 0.3144	0.3250 0.3125	0.2740 0.3299	0.3459	0.3303	Ave		0.318 9			0.1000	7.1		20.0			
Butadiene	0.4097 0.3053	0.3473 0.2850	0.3121 0.3214	0.3537	0.3250	Ave		0.332 4				11.5		20.0			
Bromomethane	+++++ 0.2987	0.4095 +++++	0.4141 +++++	0.4762	0.3578	Ave		0.391 3			0.1000	17.0		20.0			
Chloroethane	+++++ 1.3782	1.6867 1.4343	1.4203 1.6298	1.4458	1.8226	Ave		1.545 4			0.1000	10.9		20.0			
Dichlorofluoromethane	+++++ 0.4908	0.4902 0.4771	0.4463 0.5058	0.5327	0.5038	Ave		0.492 4				5.4		20.0			
Trichlorofluoromethane	+++++ 0.3338	0.3310 0.3097	0.3064 0.3606	0.3634	0.3595	Ave		0.337 8			0.1000	7.1		20.0			
Pentane	+++++ 0.0360	0.0520 0.0348	0.0434 0.0433	0.0530	0.0530	Ave		0.045 1				17.3		20.0			
Ethanol	+++++ 0.3009	+++++ 0.2956	0.3634 0.3411	0.3439	0.3270	Ave		0.328 7				8.0		20.0			
Ethyl ether	+++++ 0.2130	0.2134 0.2028	0.1978 0.2213	0.2371	0.2110	Ave		0.213 8				6.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	++++ 0.2132	0.2578 0.2175	0.2282 0.2583	0.2696	0.2543	Ave		0.242 7				9.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.1641	0.1962 0.1614	0.1749 0.1638	0.1967	0.1942	Ave		0.178 7				9.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3141	0.3635 0.3069	0.3204 0.3095	0.3833	0.3795	Ave		0.339 6				10.1		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.1738	0.2196 0.1777	0.1973 0.2209	0.2413	0.2259	Ave		0.208 1			0.1000	12.3		20.0			
Acrolein	++++ 9.0959	11.910 9.1574	8.5599 11.774	9.6004	0.2450	Ave		8.620 3				45.5	*	20.0			
1,1-Dichloroethene	++++ 0.1986	0.2572 0.1946	0.2110 0.2162	0.2381	0.2241	Ave		0.220 0			0.1000	10.0		20.0			
Acetone	++++ 0.5233	1.0073 0.5189	0.6508 0.5540	0.6208	0.5334	Lin2	1.092 3	0.527 5			0.0500				0.9900		0.9900
Iodomethane	++++ 0.1838	0.0399 0.2063	0.0413 0.1855	0.1182	0.1350	QuaF		0.213 6	-0.000056						0.9990		0.9900
Carbon disulfide	++++ 0.7377	0.8189 0.7025	0.7351 0.7520	0.8721	0.8265	Ave		0.777 8			0.1000	7.9		20.0			
Isopropyl alcohol	++++ 3.5472	6.3314 3.4155	4.6950 3.9726	4.1521	3.7260	Lin2	12.82 8	3.662 3							0.9950		0.9900
3-Chloro-1-propene	++++ 0.1578	0.1625 0.1291	0.1565 0.1324	0.1750	0.1632	Ave		0.153 8				11.0		20.0			
Cyclopentene	++++ 0.4933	0.5798 0.5722	0.5200 0.6245	0.6107	0.5749	Ave		0.567 9				8.2		20.0			
Methyl acetate	++++ 0.2052	0.2110 0.1823	0.1739 0.1845	0.2170	0.1794	Ave		0.193 3			0.1000	8.9		20.0			
Acetonitrile	++++ 0.2338	0.2538 0.2220	0.1998 0.2340	0.2666	0.2428	Ave		0.236 1				9.2		20.0			
Methylene Chloride	++++ 0.2630	0.2807 0.2592	0.2467 0.2760	0.2952	0.2683	Ave		0.269 9			0.1000	5.8		20.0			
2-Methyl-2-propanol	++++ 5.8299	7.4523 5.5666	6.1972 5.7759	6.2563	5.9015	Ave		6.140 0				10.2		20.0			
Methyl tert-butyl ether	++++ 0.7203	0.6709 0.6813	0.5927 0.7112	0.7331	0.6696	Ave		0.682 7			0.1000	6.9		20.0			
trans-1,2-Dichloroethene	++++ 0.2487	0.2985 0.2413	0.2664 0.2588	0.2705	0.2552	Ave		0.262 8			0.1000	7.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1038 0.1015	0.0987 0.0918	0.0899 0.0905	0.1079	0.0905	Ave		0.096 8				7.3		20.0			
Hexane	++++ 0.2480	0.3244 0.2488	0.2656 0.3060	0.3331	0.3309	Ave		0.293 8				13.1		20.0			
Isopropyl ether	++++ 0.8746	0.8228 0.8446	0.7152 0.8880	0.8789	0.8303	Ave		0.836 3				7.1		20.0			
1,1-Dichloroethane	++++ 0.4997	0.5055 0.4950	0.4588 0.5166	0.5584	0.5101	Ave		0.506 3		0.2000		5.8		20.0			
Vinyl acetate	++++ 0.3739	0.3734 0.3849	0.3523 0.4844	0.3885	0.4198	Ave		0.396 7				11.0		20.0			
2-Chloro-1,3-butadiene	++++ 0.2149	0.2306 0.2262	0.1852 0.2492	0.2411	0.2279	Ave		0.225 0				9.2		20.0			
Text-butyl ethyl ether	++++ 0.8088	0.6769 0.7822	0.6126 0.8153	0.8025	0.7504	Ave		0.749 8				10.3		20.0			
2,2-Dichloropropane	++++ 0.0855	0.0891 0.0826	0.0921 0.0895	0.1048	0.0950	Ave		0.091 2				8.0		20.0			
cis-1,2-Dichloroethene	++++ 0.2770	0.3682 0.2738	0.2868 0.2910	0.3159	0.2783	Ave		0.298 7		0.1000		11.3		20.0			
2-Butanone (MEK)	++++ 0.2214	0.2251 0.2181	0.1812 0.2306	0.2307	0.2171	Ave		0.217 7		0.0500		7.8		20.0			
Ethyl acetate	++++ 0.2055	0.1827 0.2068	0.2074 0.2295	0.2117	0.2095	Ave		0.207 6				6.6		20.0			
Methyl acrylate	++++ 0.2503	0.2672 0.2253	0.2049 0.2259	0.2506	0.2133	Ave		0.233 9				9.7		20.0			
Propionitrile	++++ 8.0576	8.6345 7.9835	7.5311 9.3801	9.0815	8.5063	Ave		8.453 5				7.7		20.0			
Chlorobromomethane	++++ 0.1047	0.1274 0.1022	0.1025 0.1152	0.1278	0.1161	Ave		0.113 7				9.8		20.0			
Tetrahydrofuran	++++ 0.2368	0.2600 0.2300	0.2296 0.2398	0.2777	0.2421	Ave		0.245 1				7.2		20.0			
Methacrylonitrile	++++ 0.1155	0.1005 0.1122	0.0912 0.1139	0.1166	0.1009	Ave		0.107 3				9.1		20.0			
Chloroform	++++ 0.4732	0.4916 0.4805	0.4210 0.5137	0.5089	0.4719	Ave		0.480 1		0.2000		6.4		20.0			
Cyclohexane	++++ 0.3011	0.3453 0.3014	0.3124 0.3616	0.3875	0.3663	Ave		0.339 4		0.1000		10.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	++++ 0.3696	0.3759 0.3666	0.3424 0.4067	0.4243	0.3908	Ave		0.382 3			0.1000	7.1		20.0			
Carbon tetrachloride	++++ 0.2975	0.3113 0.2959	0.2734 0.3317	0.3475	0.3271	Ave		0.312 0			0.1000	8.1		20.0			
1,1-Dichloropropene	++++ 0.3558	0.3682 0.3448	0.3469 0.3779	0.4011	0.3853	Ave		0.368 6				5.7		20.0			
Isobutyl alcohol	++++ 3.1166	3.4328 3.2593	2.6905 4.1045	3.3780	3.4102	Ave		3.341 7				12.7		20.0			
Isooctane	++++ 0.4539	0.5442 0.5155	0.4750 0.6177	0.5826	0.5813	Ave		0.538 6				11.2		20.0			
Benzene	++++ 1.5471	1.5340 1.4796	1.3855 1.5805	1.6521	1.5937	Ave		1.538 9			0.5000	5.6		20.0			
tert-amyl methyl ether	++++ 0.7521	0.6523 0.7396	0.5721 0.7842	0.7398	0.6846	Ave		0.703 5				10.3		20.0			
Isopropyl acetate	++++ 0.1477	0.1676 0.1397	0.1275 0.1462	0.1491	0.1310	Ave		0.144 1				9.2		20.0			
1,2-Dichloroethane	++++ 0.3606	0.4432 0.3499	0.3552 0.3689	0.3970	0.3518	Ave		0.375 2			0.1000	9.1		20.0			
n-Heptane	++++ 0.2058	0.2829 0.2067	0.2298 0.2474	0.2622	0.2644	Ave		0.242 7				12.3		20.0			
n-Butanol	++++ 1.6327	1.6271 1.5777	1.3923 1.8845	1.6654	1.6669	Ave		1.635 2				8.9		20.0			
Trichloroethene	++++ 0.2620	0.2514 0.2572	0.2318 0.2804	0.2918	0.2687	Ave		0.263 3			0.2000	7.4		20.0			
Methylcyclohexane	++++ 0.2928	0.3461 0.2975	0.2967 0.3512	0.3715	0.3543	Ave		0.330 0			0.1000	10.0		20.0			
Ethyl acrylate	++++ 0.5806	0.6360 0.5574	0.5267 0.5993	0.6342	0.5802	Ave		0.587 8				6.7		20.0			
1,2-Dichloropropane	++++ 0.2833	0.2958 0.2801	0.2638 0.2901	0.3034	0.2805	Ave		0.285 3			0.1000	4.5		20.0			
Methyl methacrylate	++++ 0.0656	0.0544 0.0628	0.0504 0.0652	0.0619	0.0564	Ave		0.059 5				9.8		20.0			
1,4-Dioxane	++++ 0.9514	0.9063 0.8796	0.7597 1.1267	1.0214	0.9677	Ave		0.944 7				12.2		20.0			
Dibromomethane	++++ 0.1651	0.1550 0.1605	0.1447 0.1482	0.1724	0.1593	Ave		0.157 9				6.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	++++ 0.4193	0.3383 0.3747	0.3277 0.3512	0.3793	0.3552	Ave		0.363 7				8.4		20.0			
Dichlorobromomethane	++++ 0.3571	0.3590 0.3574	0.3065 0.3753	0.3854	0.3523	Ave		0.356 1			0.2000	7.0		20.0			
2-Nitropropane	++++ 0.0792	0.0984 0.0762	0.0852 0.0759	0.0844	0.0697	Ave		0.081 3				11.3		20.0			
2-Chloroethyl vinyl ether	++++ 0.0306	0.0187 0.0312	0.0216 0.0275	0.0286	0.0317	Ave		0.027 1				18.5		20.0			
Epichlorohydrin	0.1971 0.1840	0.1816 0.1820	0.1614 0.1812	0.1965	0.1907	Ave		0.184 3				6.2		20.0			
cis-1,3-Dichloropropene	++++ 0.6684	0.6545 0.6386	0.5588 0.6684	0.6926	0.6692	Ave		0.650 1			0.2000	6.7		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.7627	1.6319 1.7339	1.3394 1.7502	1.7707	1.6753	Ave		1.666 3			0.0500	9.2		20.0			
Toluene	++++ 1.5548	1.7433 1.5080	1.4165 1.5779	1.6336	1.5670	Ave		1.571 6			0.4000	6.5		20.0			
trans-1,3-Dichloropropene	++++ 0.5964	0.5627 0.5683	0.5158 0.5870	0.6216	0.5937	Ave		0.577 9			0.1000	5.8		20.0			
Ethyl methacrylate	++++ 0.4707	0.4625 0.4353	0.3587 0.4354	0.4699	0.4293	Ave		0.437 4				8.9		20.0			
1,1,2-Trichloroethane	++++ 0.2949	0.2491 0.2788	0.2513 0.2876	0.3076	0.2797	Ave		0.278 4			0.1000	7.8		20.0			
Tetrachloroethene	++++ 0.3055	0.3176 0.3005	0.2720 0.3220	0.3436	0.3233	Ave		0.312 1			0.2000	7.2		20.0			
1,3-Dichloropropane	++++ 0.5842	0.5414 0.5448	0.4922 0.5483	0.6177	0.5663	Ave		0.556 4				7.0		20.0			
2-Hexanone	++++ 1.2135	1.2450 1.1640	1.0765 1.1696	1.2971	1.1781	Ave		1.192 0			0.0500	5.8		20.0			
n-Butyl acetate	++++ 0.5965	0.5713 0.5260	0.4925 0.5124	0.6076	0.5230	Ave		0.547 0				8.1		20.0			
Chlorodibromomethane	++++ 0.3339	0.3165 0.3321	0.2666 0.3501	0.3368	0.3238	Ave		0.322 8			0.1000	8.3		20.0			
Ethylene Dibromide	++++ 0.3237	0.3153 0.3049	0.2649 0.3076	0.3362	0.3142	Ave		0.309 6			0.1000	7.2		20.0			
Chlorobenzene	++++ 0.9126	0.9326 0.8919	0.7879 0.9281	0.9554	0.9162	Ave		0.903 5			0.5000	6.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	++++ 0.4970	0.4588 0.4900	0.4470 0.5220	0.5245	0.5035	Ave		0.491 8			0.1000	6.0		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3167	0.3085 0.3206	0.2508 0.3340	0.3210	0.3122	Ave		0.309 1				8.7		20.0			
m-Xylene & p-Xylene	++++ 0.6035	0.6321 0.5843	0.5050 0.6023	0.6466	0.6217	Ave		0.599 3			0.1000	7.8		20.0			
o-Xylene	++++ 0.5914	0.5559 0.5723	0.5025 0.6009	0.6279	0.5892	Ave		0.577 2			0.3000	6.9		20.0			
n-Butyl acrylate	++++ 0.2966	0.3764 0.2785	0.2957 0.2888	0.3178	0.2677	Ave		0.303 1				11.9		20.0			
Styrene	++++ 0.9976	0.9161 0.9977	0.8050 1.0088	1.0259	0.9817	Ave		0.961 8			0.3000	8.0		20.0			
Bromoform	++++ 0.1998	0.1574 0.1971	0.1601 0.2097	0.1944	0.1890	Ave		0.186 8			0.1000	10.8		20.0			
Amyl acetate (mixed isomers)	++++ 1.4388	1.5169 1.2537	1.2483 1.2325	1.5619	1.3288	Ave		1.368 7				10.0		20.0			
Isopropylbenzene	++++ 1.4449	1.4104 1.3790	1.2923 1.4094	1.5353	1.4846	Ave		1.422 3			0.1000	5.5		20.0			
Bromobenzene	++++ 0.6816	0.6817 0.6639	0.6307 0.6950	0.7655	0.7070	Ave		0.689 3				6.0		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.9003	0.9511 0.7995	0.8042 0.8183	0.9664	0.8593	Ave		0.871 3			0.3000	8.0		20.0			
N-Propylbenzene	++++ 3.7863	3.7526 3.5171	3.2533 3.4460	4.1695	3.9811	Ave		3.700 9				8.6		20.0			
1,2,3-Trichloropropane	++++ 0.2389	0.2626 0.2160	0.2273 0.2181	0.2567	0.2279	Ave		0.235 4				7.8		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2876	0.3094 0.2561	0.2565 0.2569	0.3095	0.2697	Ave		0.278 0				8.7		20.0			
2-Chlorotoluene	++++ 2.5390	2.5512 2.4201	2.2567 2.4438	2.7639	2.5778	Ave		2.507 5				6.3		20.0			
4-Ethyltoluene	++++ 2.9694	3.0283 2.8441	2.5810 2.7988	3.2231	3.0331	Ave		2.925 4				7.0		20.0			
1,3,5-Trimethylbenzene	++++ 2.3695	2.4027 2.2474	2.1282 2.2955	2.5125	2.4260	Ave		2.340 3				5.4		20.0			
4-Chlorotoluene	++++ 2.5758	2.5278 2.4510	2.2473 2.5075	2.7578	2.5895	Ave		2.522 4				6.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	++++ 0.9459	0.9437 0.9041	0.7519 0.9536	0.9623	0.9126	Ave		0.910 6				8.0		20.0			
tert-Butylbenzene	++++ 1.8859	1.9207 1.7917	1.6954 1.8818	2.0667	1.9914	Ave		1.890 5				6.5		20.0			
1,2,4-Trimethylbenzene	++++ 2.4129	2.6178 2.3417	2.1583 2.3813	2.6004	2.4834	Ave		2.428 0				6.5		20.0			
sec-Butylbenzene	++++ 2.8171	2.8218 2.6463	2.7664 2.7047	3.1395	3.0078	Ave		2.843 4				6.1		20.0			
1,3-Dichlorobenzene	++++ 1.1999	1.1773 1.1834	1.0264 1.2383	1.3003	1.2269	Ave		1.193 2		0.6000		7.1		20.0			
4-Isopropyltoluene	++++ 2.2337	2.1068 2.1711	1.9744 2.2080	2.4077	2.3933	Ave		2.213 6				6.9		20.0			
1,4-Dichlorobenzene	++++ 1.2282	1.2371 1.2048	1.1261 1.2446	1.3585	1.2567	Ave		1.236 6		0.5000		5.6		20.0			
1,2,3-Trimethylbenzene	++++ 2.3795	2.2437 2.3438	1.9926 2.3733	2.5075	2.3865	Ave		2.318 1				7.0		20.0			
Benzyl chloride	++++ 1.5940	1.4910 1.4665	1.3540 1.4857	1.6642	1.6335	Ave		1.527 0				7.1		20.0			
Indan	++++ 2.3014	2.2159 2.2490	1.9832 2.2543	2.4381	2.2741	Ave		2.245 1				6.1		20.0			
p-Diethylbenzene	++++ 1.3300	1.3887 1.1387	1.1112 1.1677	1.4156	1.3968	Ave		1.278 4				10.5		20.0			
n-Butylbenzene	++++ 1.2113	1.2889 1.1646	1.1130 1.1960	1.2928	1.2913	Ave		1.222 6				5.8		20.0			
1,2-Dichlorobenzene	++++ 1.1088	1.1687 1.1068	0.9750 1.1353	1.1618	1.1151	Ave		1.110 2		0.4000		5.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 1.7514	1.7179 1.7868	1.4355 1.8098	1.8104	1.8139	Ave		1.732 2				7.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1446	0.1695 0.1357	0.1653 0.1399	0.1497	0.1373	Ave		0.148 9		0.0500		9.1		20.0			
1,3,5-Trichlorobenzene	++++ 0.5829	0.6152 0.5882	0.5723 0.6067	0.6211	0.6170	Ave		0.600 5				3.2		20.0			
1,2,4-Trichlorobenzene	++++ 0.4845	0.7421 0.4657	0.4708 0.4929	0.5020	0.5116	Ave		0.524 2		0.2000		18.6		20.0			
Hexachlorobutadiene	++++ 0.1773	0.2398 0.1731	0.1872 0.1883	0.1919	0.2193	Ave		0.196 7				12.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.4943	1.7573 1.3378	1.4543 1.3484	1.5669	1.4280	Ave		1.483 9				9.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.3892	0.4500 0.3515	0.3653 0.3654	0.3953	0.4004	Ave		0.388 2				8.4		20.0			
Dibromofluoromethane (Surr)	0.2519 0.2492	0.2586 0.2486	0.2613 0.2401	0.2551	0.2502	Ave		0.251 8				2.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3336 0.3276	0.3372 0.3340	0.3360 0.3352	0.3302	0.3193	Ave		0.331 6				1.8		20.0			
Toluene-d8 (Surr)	1.3497 1.3711	1.3528 1.3673	1.3391 1.3554	1.3465	1.3568	Ave		1.354 9				0.8		20.0			
4-Bromofluorobenzene	0.3403 0.3361	0.3384 0.3377	0.3437 0.3324	0.3404	0.3472	Ave		0.339 5				1.3		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.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-874641/2	T654794.D
Level 2	STD05 460-874641/3	T654795.D
Level 3	STD1 460-874641/4	T654796.D
Level 4	STD5 460-874641/5	T654797.D
Level 5	STD20 460-874641/16	T654808.D
Level 6	STD50 460-874641/7	T654799.D
Level 7	STD200 460-874641/9	T654801.D
Level 8	STD500 460-874641/10	T654802.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	++++ 20993	247 126928	385 356594	2739	18483	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 142358	1318 623402	2668 1992682	15293	69761	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 23085	329 102803	453 257864	2937	13129	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 153111	1652 773188	2851 2283614	15154	80583	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 175261	1660 767546	2829 2144627	18213	79622	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1105 170176	1774 700022	3223 2089035	18623	78328	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 24464	278 ++++	596 ++++	3511	10855	++++ 50.0	0.500 ++++	1.00 ++++	5.00	20.0
Chloroethane	BUT	Ave	++++ 112896	1145 474348	2044 1339227	10659	55300	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 273571	2504 1171601	4609 3287774	28047	121440	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 186041	1691 760605	3164 2343674	19131	86647	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 40186	531 170838	897 562653	5578	25551	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBA 9	Ave	++++ 32682	++++ 123366	717 309436	3458	12628	++++ 2000	++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++	1090	2043	12484	50845	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			118716	498099	1438657			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	++++ 118829	1317 534084	2357 1678876	14192	61304	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 91493	1002 396320	1806 1064457	10356	46808	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 175057	1857 753601	3309 2011569	20182	91471	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 96851	1122 436407	2037 1435896	12704	54439	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 49396	1088 95557	1689 213625	9652	473	++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	++++ 110697	1314 477907	2179 1405081	12535	54017	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Lin2	++++ 214316	3419 858081	4683 2276386	22884	80928	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	++++ 102467	204 506641	426 1205498	6224	32537	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	++++ 411199	4183 1725176	7591 4888378	45917	199198	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Lin2	++++ 96316	1446 356411	2316 900983	10436	35969	++++ 500	5.00 2000	10.0 5000	50.0	200
3-Chloro-1-propene	FB	Ave	++++ 87938	830 317093	1616 860675	9212	39335	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 274935	2962 1405314	5370 4059419	32151	138573	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 228794	2156 895205	3591 2398731	22855	86474	++++ 100	1.00 400	2.00 1000	10.0	40.0
Acetonitrile	BUT	Ave	++++ 191520	1723 734257	2875 1922976	19659	73664	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 146591	1434 636690	2548 1793753	15540	64660	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd 9	Ave	++++ 158300	1702 580875	3057 1309980	15725	56971	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 401471	3427 1673170	6121 4623028	38597	161394	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 138598	1525 592729	2751 1682434	14242	61518	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2239 565583	5044 2254472	9280 5880419	56791	218083	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 138219	1657 611119	2743 1988762	17535	79749	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 487494	4203 2074205	7386 5772195	46274	200124	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 278510	2582 1215651	4738 3358190	29397	122941	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 61263	507 254572	1014 796028	5728	25473	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 119807	1178 555464	1913 1619795	12692	54941	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 450791	3458 1921097	6326 5299383	42252	180867	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 47634	455 202734	951 582001	5519	22891	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 154375	1881 672517	2962 1891748	16631	67082	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 90673	764 360601	1304 947618	8505	32938	++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	++++ 33659	248 136806	597 377147	3122	12714	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 139537	1365 553403	2116 1468496	13194	51408	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 218789	1972 833080	3715 2127403	22826	82116	++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	++++ 58330	651 250912	1058 748763	6729	27988	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	BUT	Ave	++++ 38792	353 152150	661 394086	4095	14689	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	++++ 643972	5133 2756520	9415 7405934	61393	243141	++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	++++ 263761	2511 1180065	4347 3339253	26793	113742	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 167815	1764 740285	3226 2350712	20402	88287	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 205998	1920 900321	3536 2643578	22338	94189	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 165797	1590 726624	2823 2156274	18294	78834	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 198316	1881 846681	3582 2456158	21119	92876	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 211565	1960 850276	3318 2327233	21226	82301	++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	++++ 253003	2780 1266074	4905 4014913	30673	140114	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 589547	5400 2530142	9990 7073801	60001	259444	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	++++ 419207	3332 1816335	5908 5097322	38951	165017	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 82298	856 343089	1317 950233	7851	31577	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 200964	2264 859290	3668 2397823	20901	84790	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 114694	1445 507714	2373 1608258	13805	63718	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 110834	929 411588	1717 1068528	10465	40228	++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	++++ 146047	1284 631772	2394 1822901	15362	64753	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++	1768	3064	19559	85393	++++	0.500	1.00	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			163173	730702	2283163			50.0	200	500		
Ethyl acrylate	FB	Ave	++++ 323630	3249 1368922	5439 3895584	33389	139835	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 157901	1511 687786	2724 1886001	15974	67606	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 73115	556 308578	1040 847489	6517	27205	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 34283	714 131402	1285 353189	3391	13058	++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	++++ 92030	792 394236	1494 963572	9079	38387	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 233727	1728 920147	3384 2282644	19969	85610	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	++++ 199022	1834 877733	3165 2439475	20290	84916	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	++++ 88261	1005 374103	1759 987091	8889	33607	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 17098	96 76772	224 179363	1510	7653	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1486 301515	2466 1203550	4645 2978527	28973	115738	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 254709	2304 1092001	4029 2991296	25154	108950	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 721950	5539 2867131	9638 7191040	65274	254162	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 592488	6137 2578712	10213 7062124	59331	255105	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 227263	1981 971839	3719 2627280	22576	96655	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 179371	1628 744369	2586 1948812	17066	69887	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 112371	877 476840	1812 1287159	11172	45536	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 116430	1118 513809	1961 1441200	12479	52639	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 222622	1906 931618	3549 2454140	22436	92188	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 497000	4226 1924826	7746 4805373	47814	178721	++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	++++ 227303	2011 899420	3551 2293154	22067	85142	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 127219	1114 567912	1922 1566918	12232	52712	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 123369	1110 521432	1910 1376826	12211	51153	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 347762	3283 1525266	5681 4153946	34698	149150	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 189394	1615 838001	3223 2336209	19049	81965	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 120678	1086 548221	1808 1494889	11659	50818	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 229982	2225 999166	3641 2695680	23484	101206	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 225364	1957 978616	3623 2689346	22804	95920	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	++++ 113011	1325 476251	2132 1292647	11543	43577	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 380134	3225 1706075	5804 4515139	37261	159819	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	++++ 76151	554 337094	1154 938484	7060	30768	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 261591	2461 1030371	4107 2693232	25976	100076	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 550586	4965 2358167	9318 6308048	55760	241691	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 123922	1106 545665	2075 1518651	12731	53242	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 163677	1543 657095	2646 1788181	16073	64714	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 688375	6088 2890602	10704 7530187	69345	299823	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 43438	426 177552	748 476632	4269	17166	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 52290	502 210458	844 561309	5147	20314	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 461615	4139 1989030	7425 5340072	45968	194138	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 539855	4913 2337437	8492 6115947	53605	228424	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 430783	3898 1847089	7002 5016037	41787	182706	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 468295	4101 2014371	7394 5479205	45866	195019	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 171968	1531 743072	2474 2083875	16004	68728	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 342865	3116 1472508	5578 4112115	34372	149975	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 438677	4247 1924596	7101 5203517	43249	187026	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 512161	4578 2174920	9102 5910263	52215	226524	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 218159	1910 972572	3377 2705830	21625	92398	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 406110	3418 1784359	6496 4824760	40043	180245	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 223299	2007 990179	3705 2719709	22593	94646	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 432605	3640 1926280	6556 5186155	41703	179734	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 289803	2419 1205297	4455 3246598	27678	123024	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 418405	3595 1848349	6525 4926010	40549	171264	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
p-Diethylbenzene	DCBd 4	Ave	++++ 241809	2253 935872	3656 2551655	23544	105198	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 220227	2091 957168	3662 2613441	21501	97253	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 201589	1896 909612	3208 2480766	19323	83979	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 318417	2787 1468530	4723 3954702	30109	136604	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 26293	275 111491	544 305698	2490	10344	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 105983	998 483397	1883 1325794	10330	46465	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 88089	1204 382741	1549 1077027	8349	38526	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 32232	389 142264	616 411546	3192	16515	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 271674	2851 1099513	4785 2946531	26060	107548	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 70764	730 288856	1202 798361	6575	30153	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	135859 138904	132078 152618	134903 156042	134303	150736	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	179979 182613	172253 205093	173491 217879	173829	192381	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	501858	476229	482760	489041	552213	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			522493	584564	606623			50.0	50.0	50.0		
4-Bromofluorobenzene	CBNZ d5	Ave	126542	119128	123904	123638	141298	50.0	50.0	50.0	50.0	50.0
			128063	144389	148772			50.0	50.0	50.0		

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 874641

SDG No.: _____

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

Calibration Start Date: 10/28/2022 07:31 Calibration End Date: 10/28/2022 13:54 Calibration ID: 91564

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-874641/2	T654794.D
Level 2	STD05 460-874641/3	T654795.D
Level 3	STD1 460-874641/4	T654796.D
Level 4	STD5 460-874641/5	T654797.D
Level 5	STD20 460-874641/16	T654808.D
Level 6	STD50 460-874641/7	T654799.D
Level 7	STD200 460-874641/9	T654801.D
Level 8	STD500 460-874641/10	T654802.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Acetone	+++++	8.1						30				
Isopropyl alcohol	+++++	2.8						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 28-Oct-2022 07:31:01 ALS Bottle#: 0 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0152384-002
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:46:58 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:38:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.697	1.697	0.000	71	1105	0.2500	0.3081	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	96	52595	1000.0	1000.0	
33 Acrylonitrile	53	3.465	3.465	0.000	83	2239	2.00	2.14	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	45	376955	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	135859	50.0	50.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	92	179979	50.0	50.3	
* 65 Fluorobenzene	96	5.605	5.605	0.000	98	539426	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.434	6.434	0.000	1	34618	1000.0	1000.0	
80 Epichlorohydrin	57	7.233	7.233	0.000	67	1486	5.00	5.35	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	98	501858	50.0	49.8	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	88	371831	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	82	126542	50.0	50.1	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	98	171431	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00161	Amount Added: 0.00	Units: uL	
ACROLEIN W_00145	Amount Added: 0.00	Units: uL	
524freon_00059	Amount Added: 0.00	Units: uL	
GASES Li_00499	Amount Added: 2.50	Units: uL	
14DIOXINTER_00147	Amount Added: 0.00	Units: uL	
GAS Hi_00427	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00105	Amount Added: 20.00	Units: uL	
Ethanol mix_00070	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	
8FreonHi_00050	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

2

Purge Vol: 5.000 mL

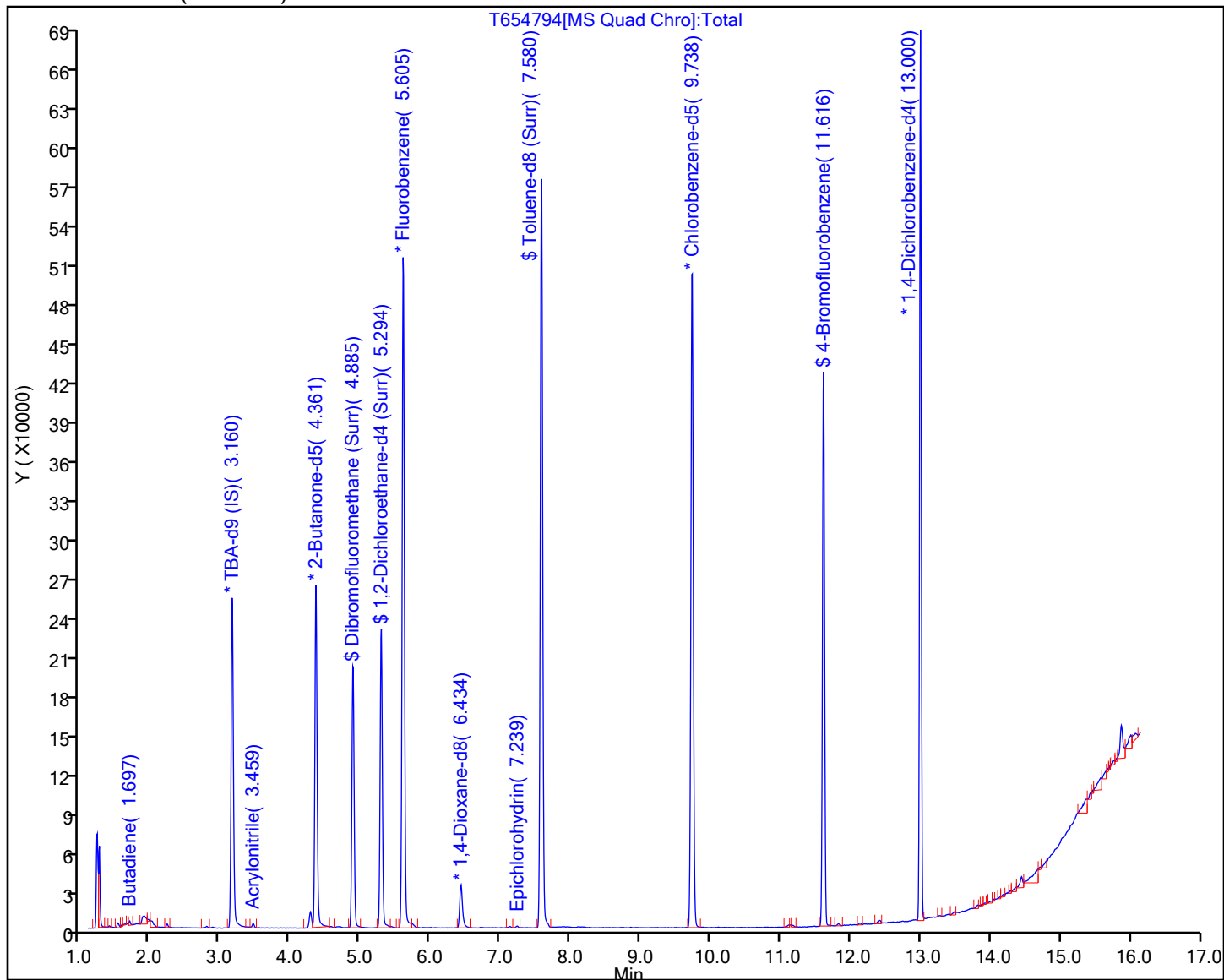
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

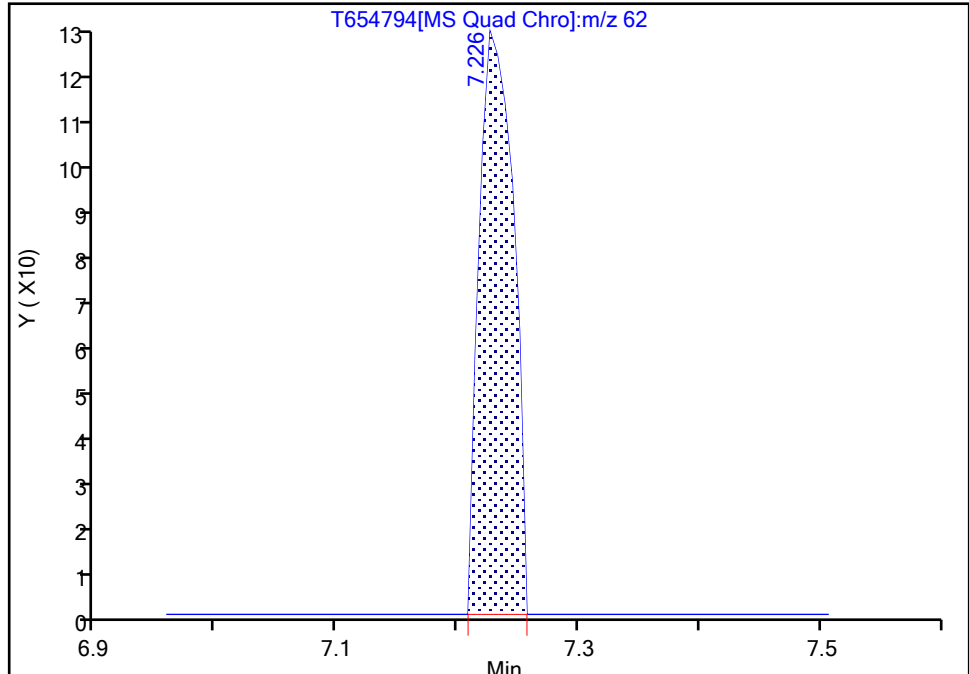
Detector: MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

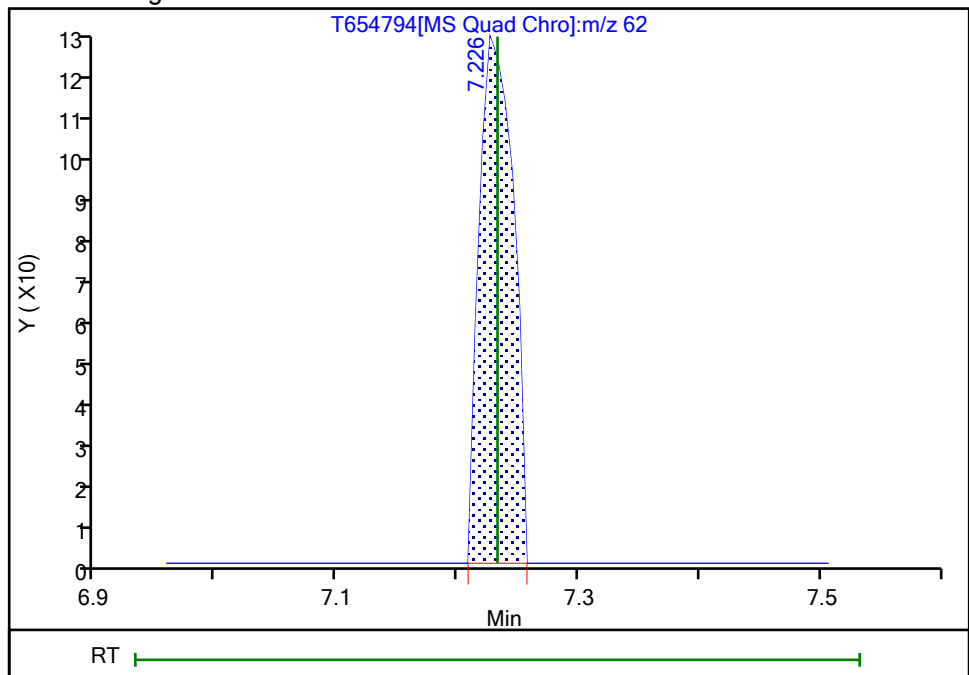
RT: 7.23
Area: 236
Amount: 5.351750
Amount Units: ug/l

Processing Integration Results



RT: 7.23
Area: 236
Amount: 5.346800
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 09:37:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

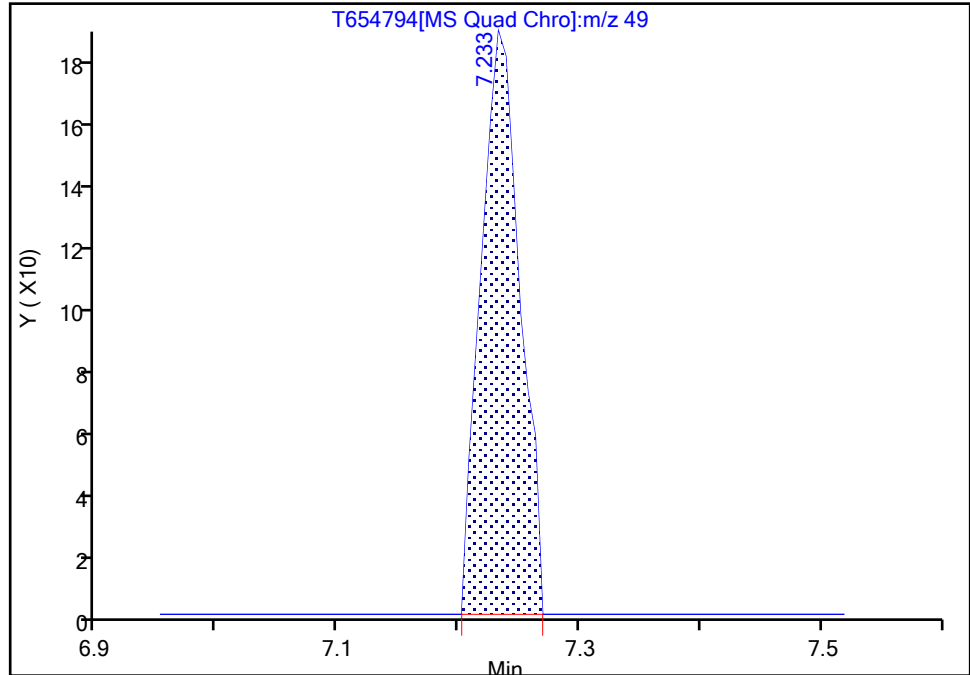
MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

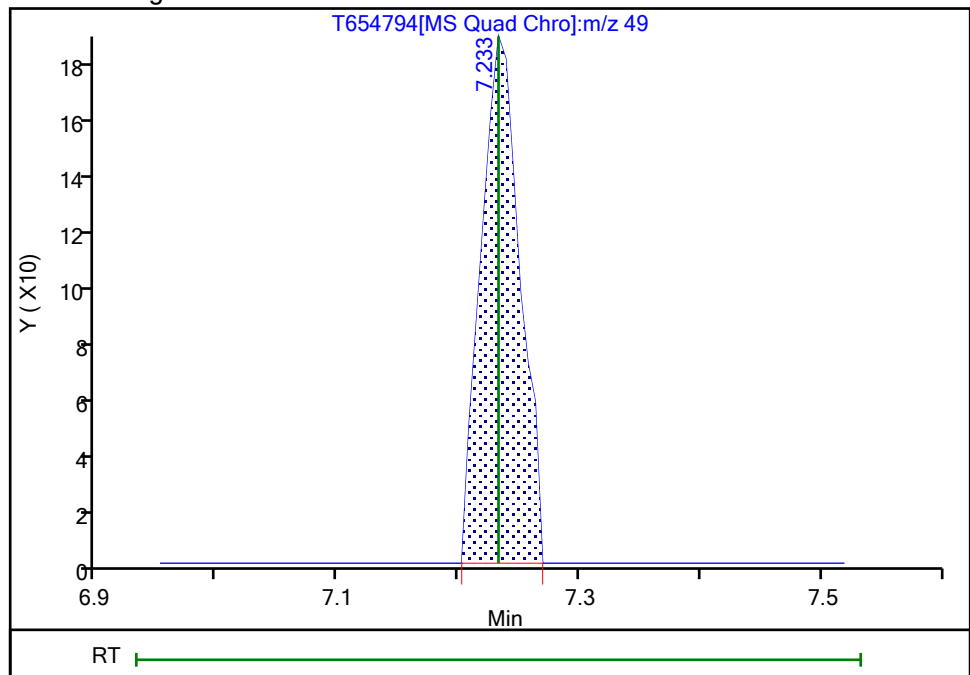
RT: 7.23
Area: 425
Amount: 5.351750
Amount Units: ug/l

Processing Integration Results



RT: 7.23
Area: 425
Amount: 5.346800
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 09:37:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

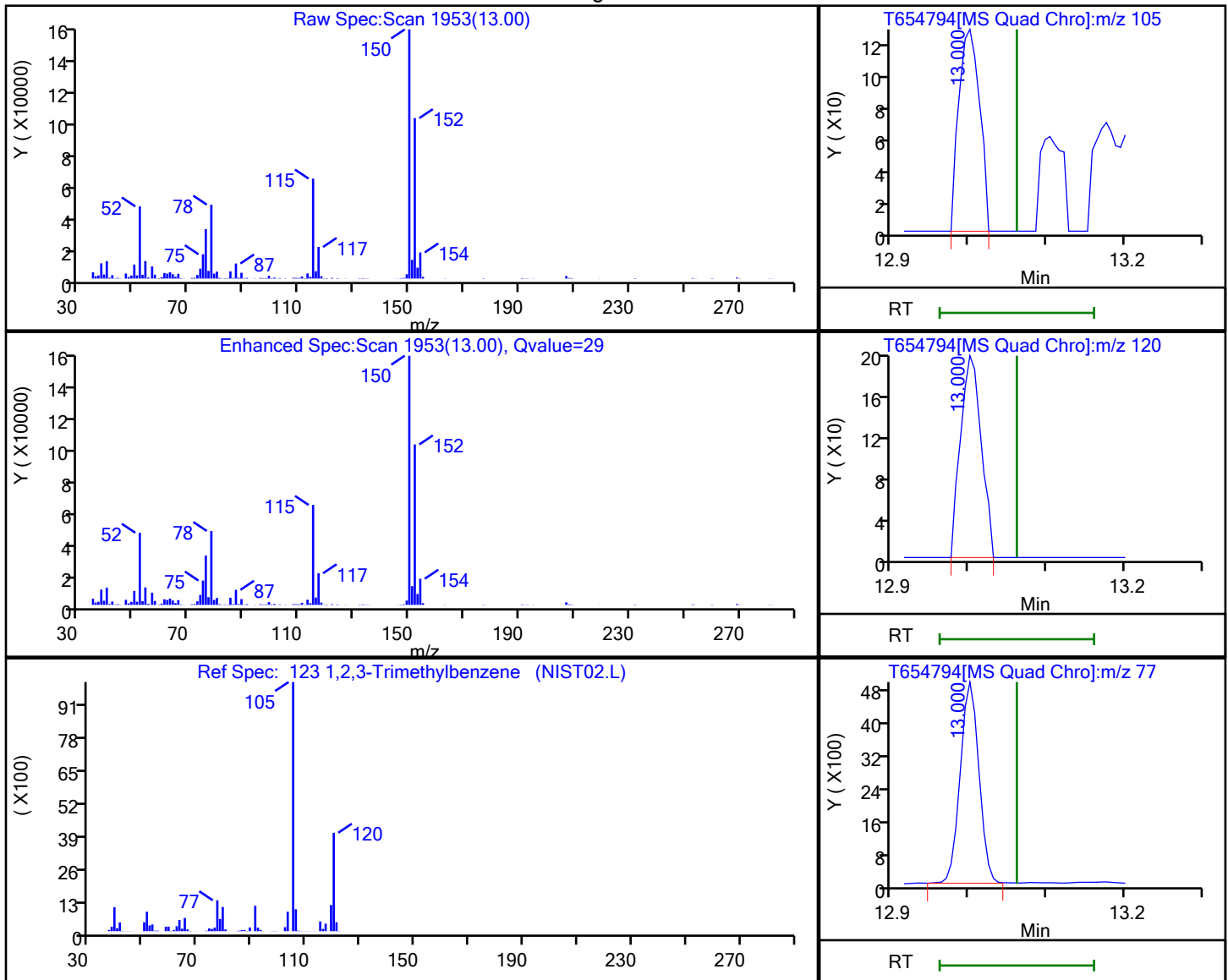
Column: DB-624 (0.18 mm)

Detector

MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
13.00	105.00	243	0.042028
13.00	120.00	359	
13.00	77.00	8128	

Reviewer: FK2C, 28-Oct-2022 09:37:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

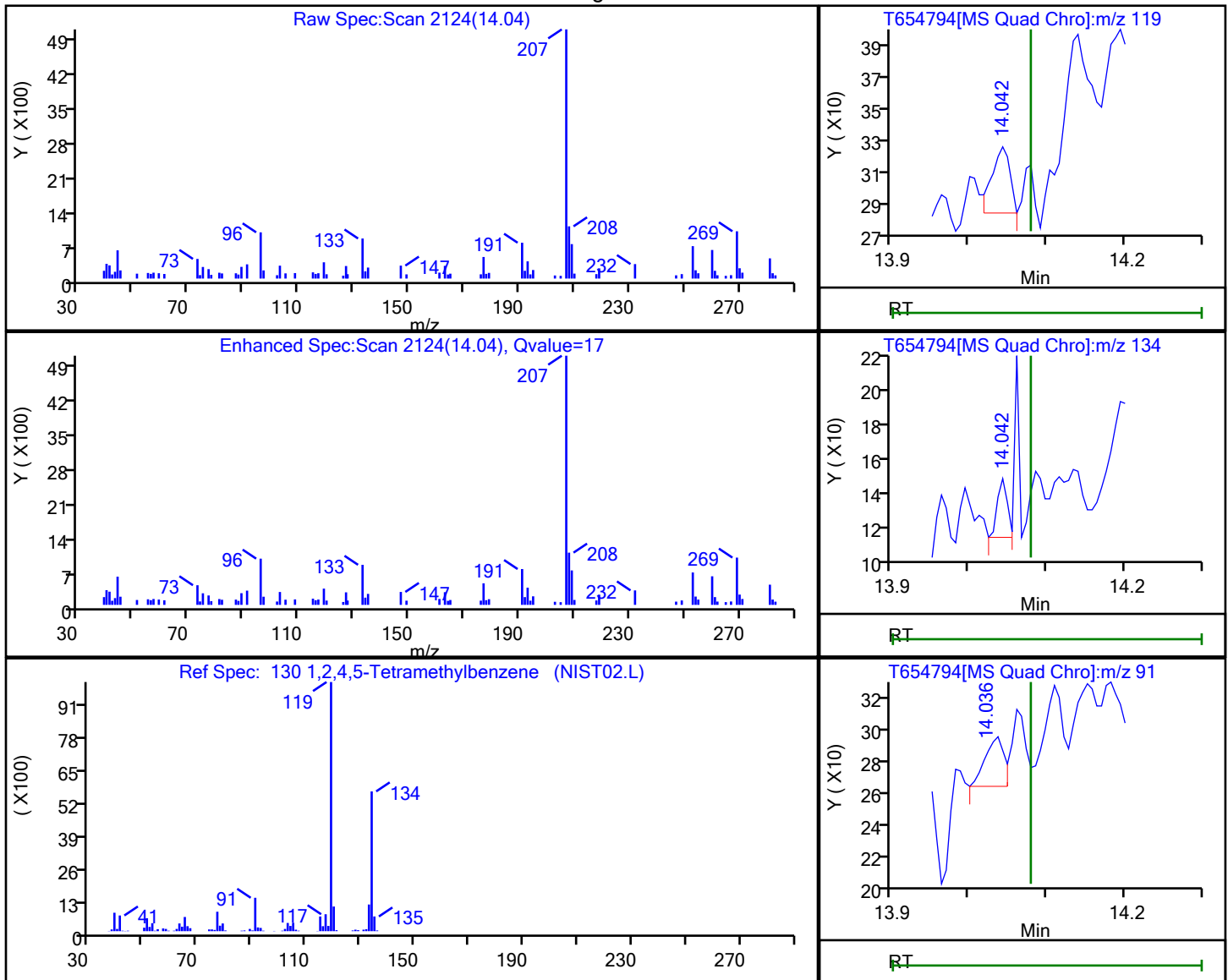
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
14.04	119.00	65	0.015258
14.04	134.00	29	
14.04	91.00	50	

Reviewer: FK2C, 28-Oct-2022 09:37:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

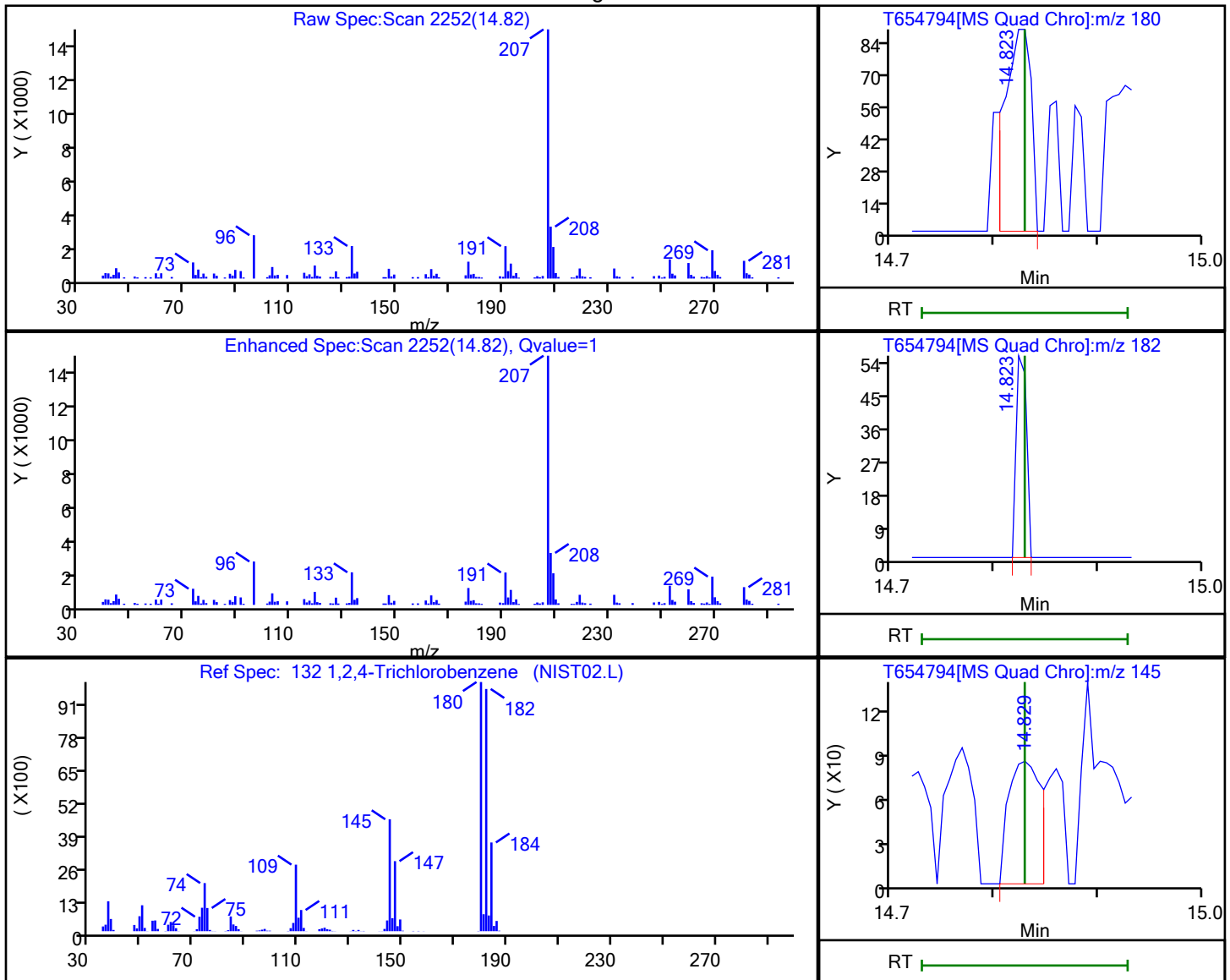
Column: DB-624 (0.18 mm)

Detector

MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
14.82	180.00	159	0.107760
14.82	182.00	39	
14.83	145.00	181	

Reviewer: FK2C, 28-Oct-2022 09:37:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

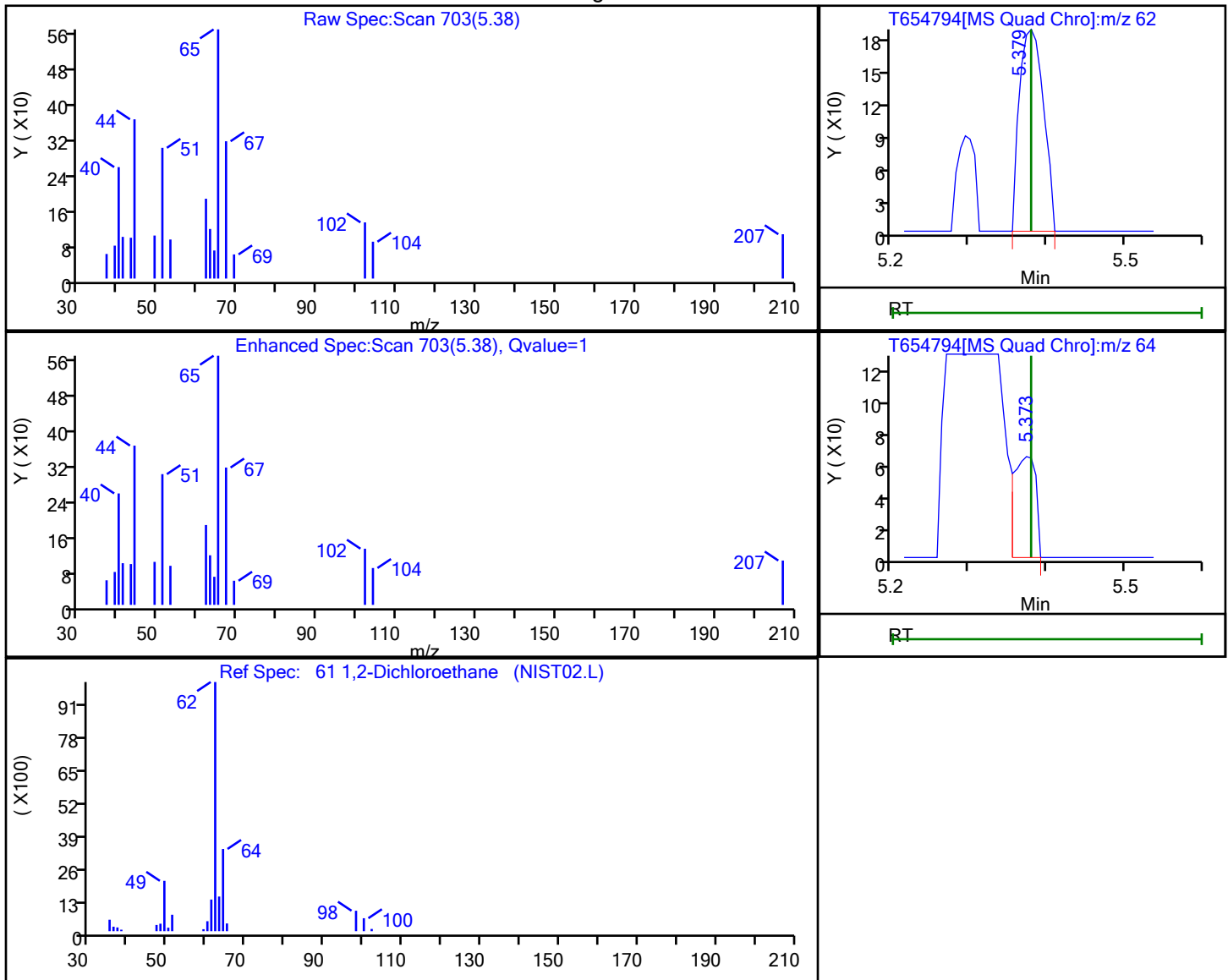
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.38	62.00	394	0.122013
5.37	64.00	130	

Reviewer: FK2C, 28-Oct-2022 09:37:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

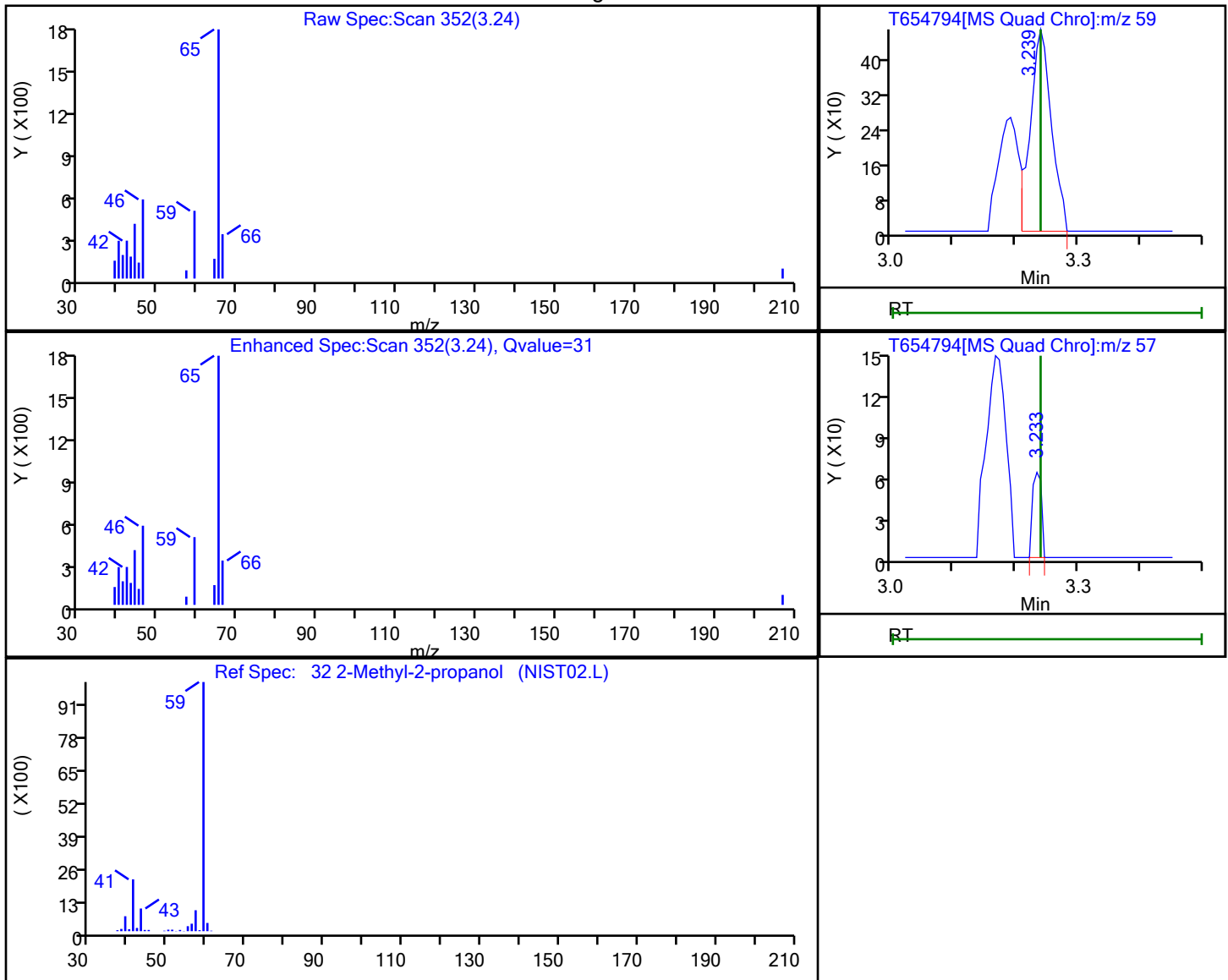
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.24	59.00	1099	3.149155
3.23	57.00	63	

Reviewer: FK2C, 28-Oct-2022 09:37:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

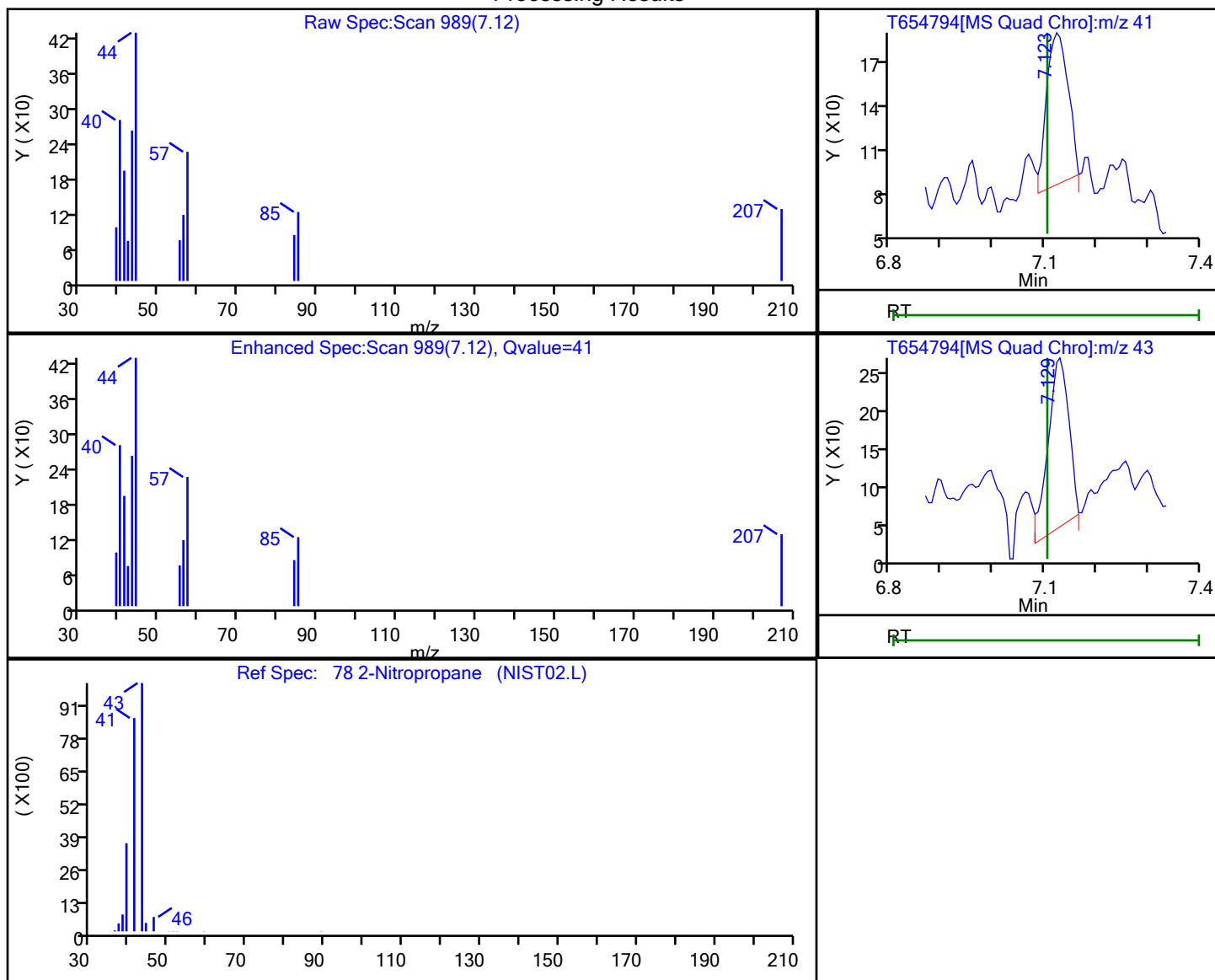
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.12	41.00	285	0.239813
7.13	43.00	622	

Reviewer: FK2C, 28-Oct-2022 09:37:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

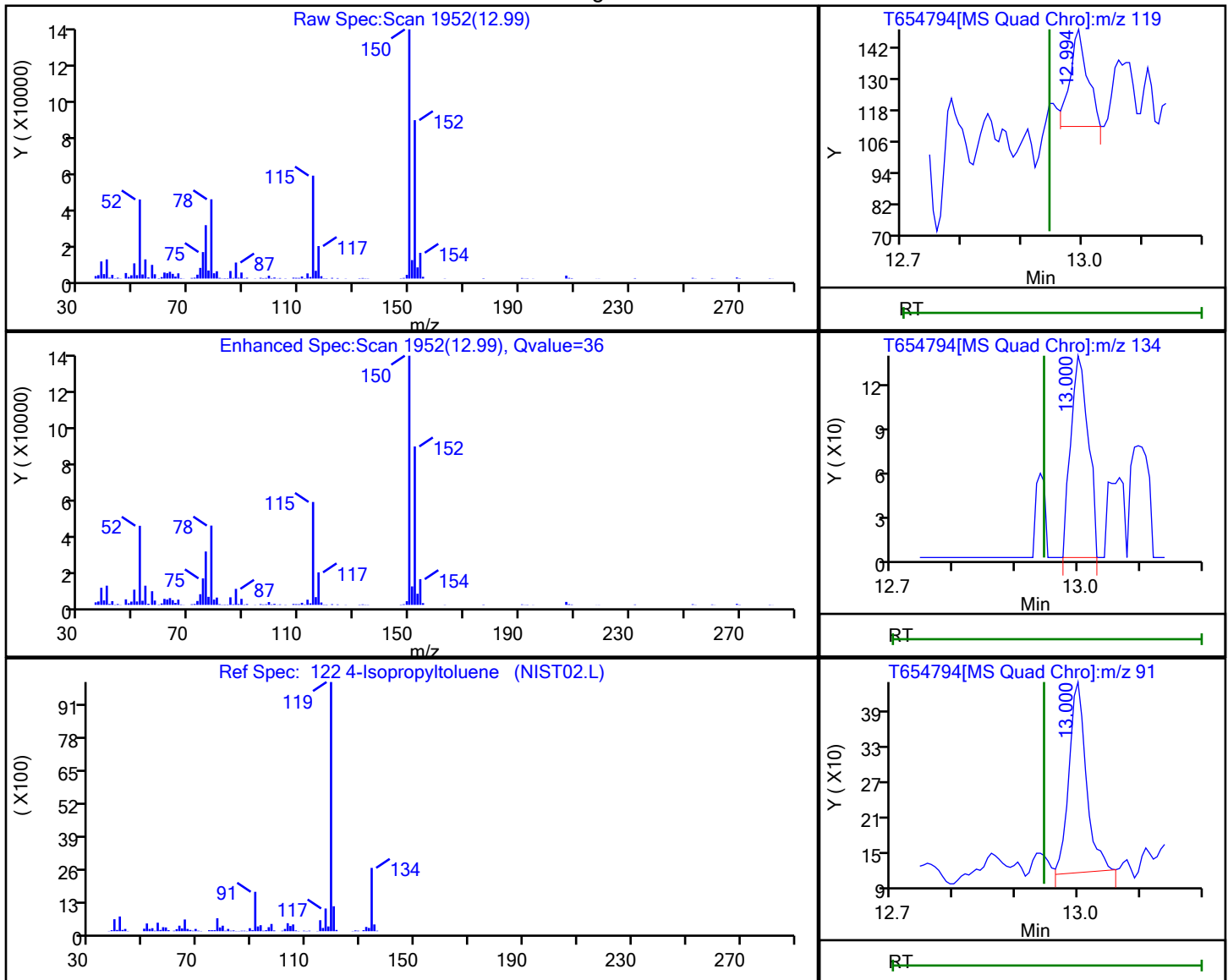
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
12.99	119.00	77	0.013837
13.00	134.00	273	
13.00	91.00	631	

Reviewer: FK2C, 28-Oct-2022 09:37:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

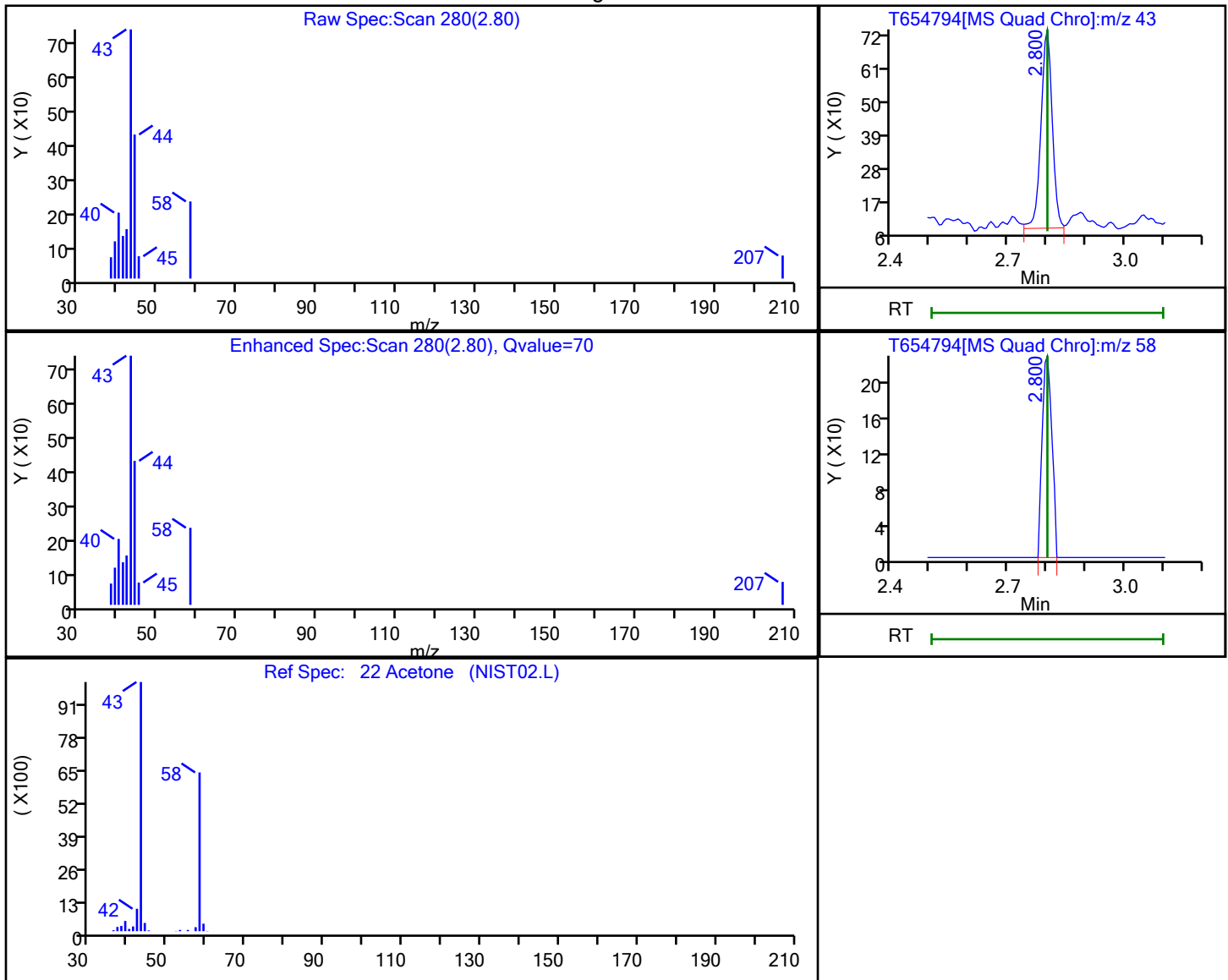
Column: DB-624 (0.18 mm)

Detector

MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.80	43.00	1342	1.192633
2.80	58.00	397	

Reviewer: FK2C, 28-Oct-2022 09:37:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

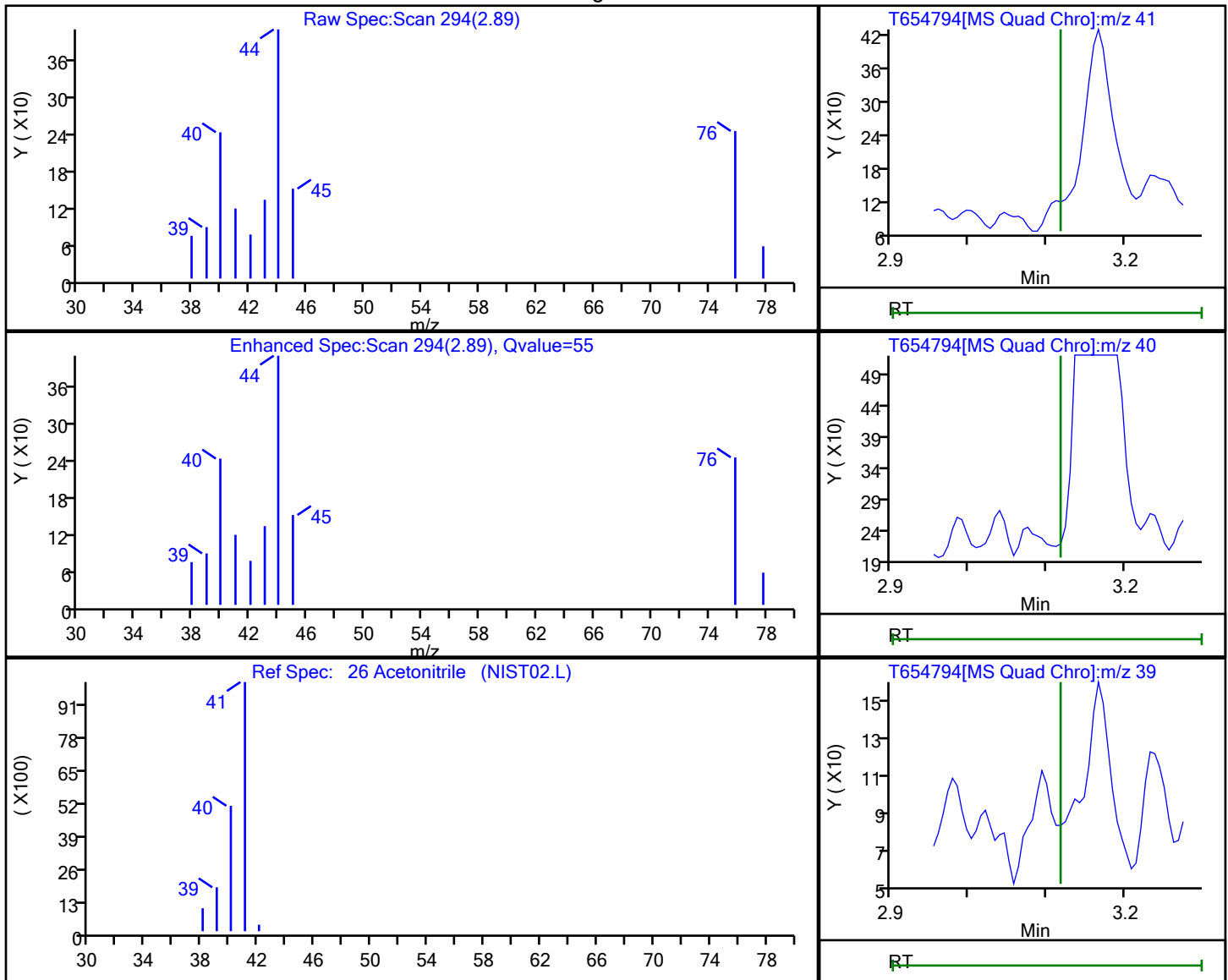
Column: DB-624 (0.18 mm)

Detector

MS Quad

26 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.89	41.00	91	0.146889
2.87	40.00	37	
2.89	39.00	12	
2.89	38.00	68	

Reviewer: FK2C, 28-Oct-2022 09:37:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

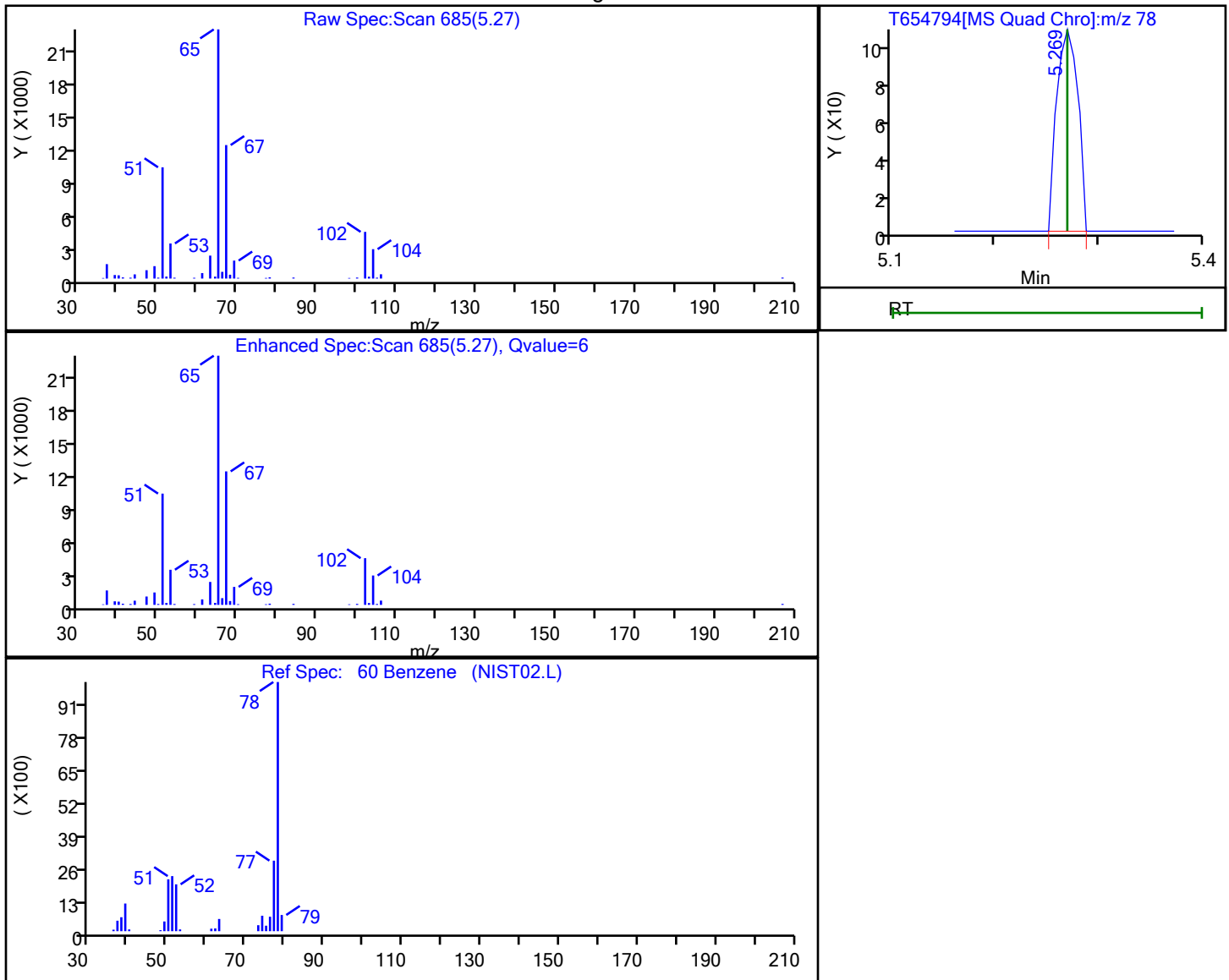
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.27	78.00	155	0.018232

Reviewer: FK2C, 28-Oct-2022 09:37:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

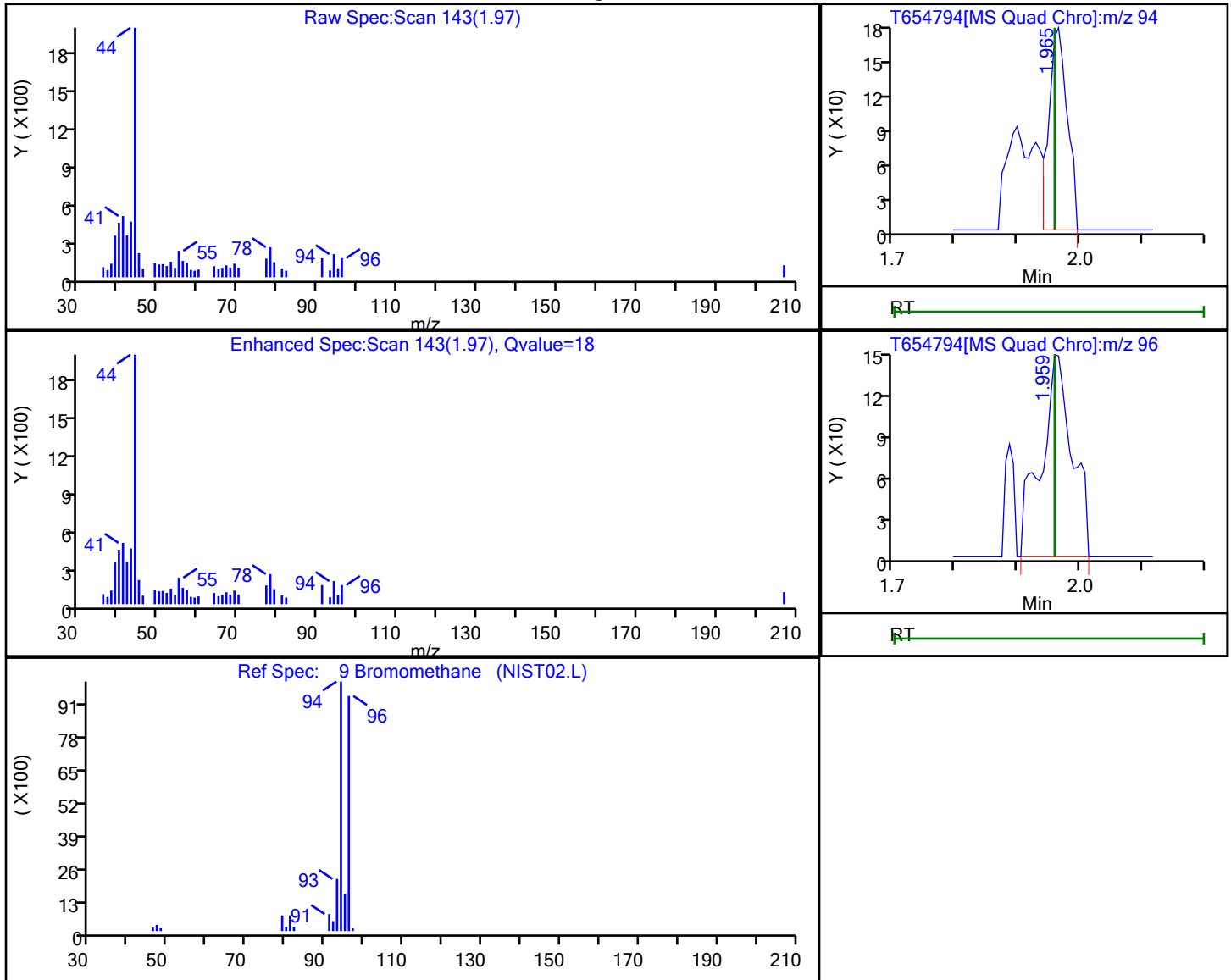
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.97	94.00	371	NaN
1.96	96.00	521	

Reviewer: FK2C, 28-Oct-2022 09:37:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

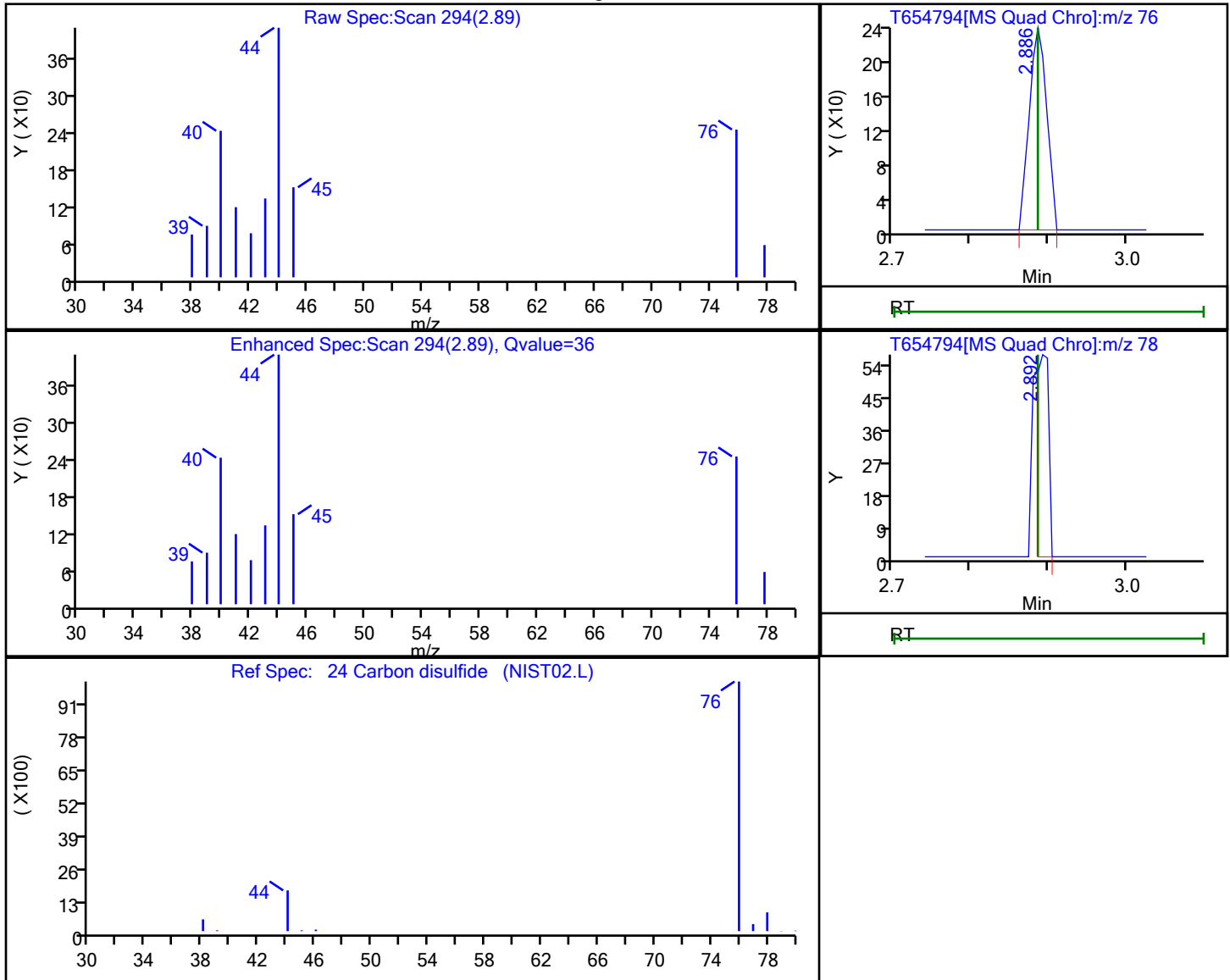
Column: DB-624 (0.18 mm)

Detector

MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.89	76.00	375	0.042982
2.89	78.00	60	

Reviewer: FK2C, 28-Oct-2022 09:37:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

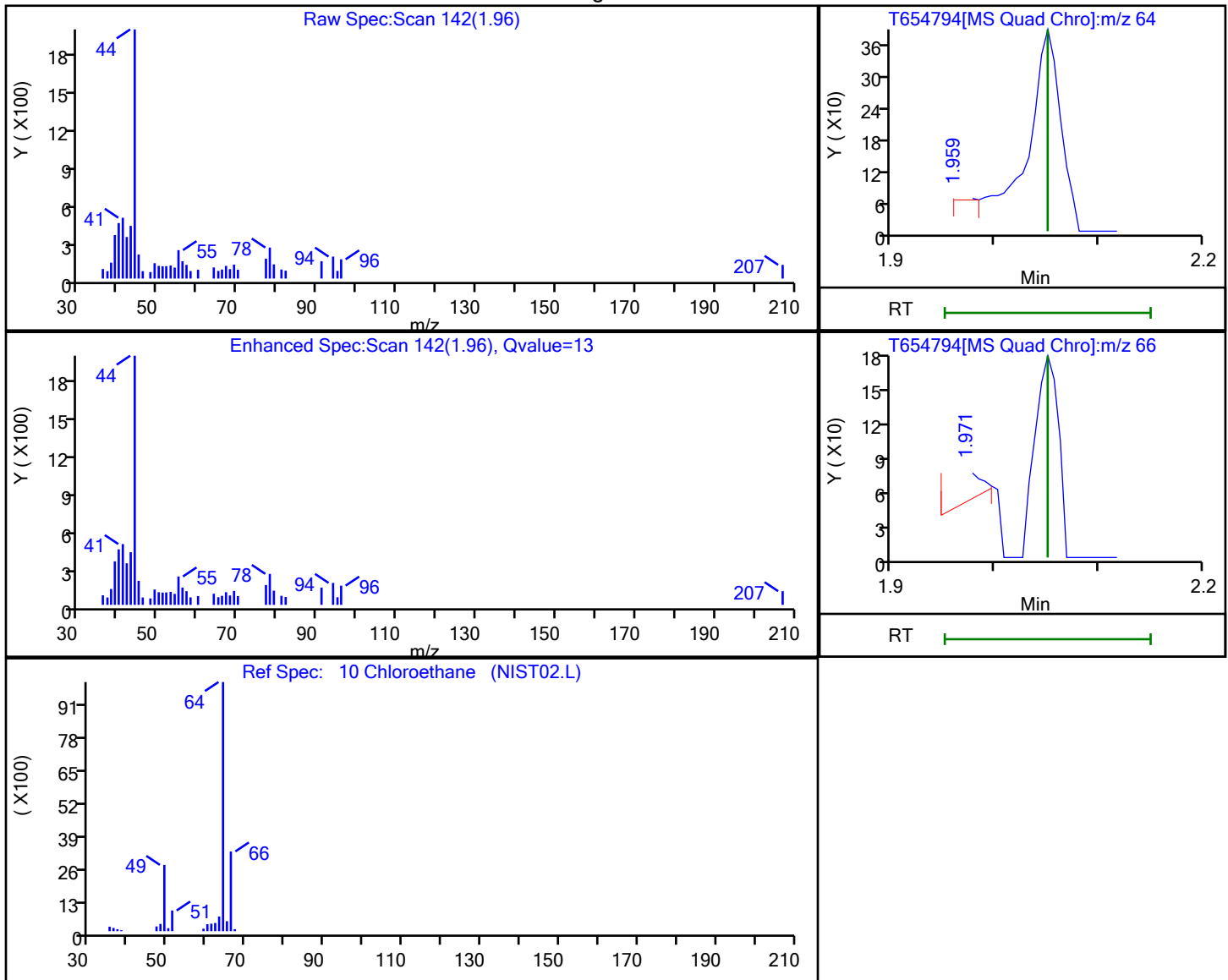
Column: DB-624 (0.18 mm)

Detector

MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



Reviewer: FK2C, 28-Oct-2022 09:37:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

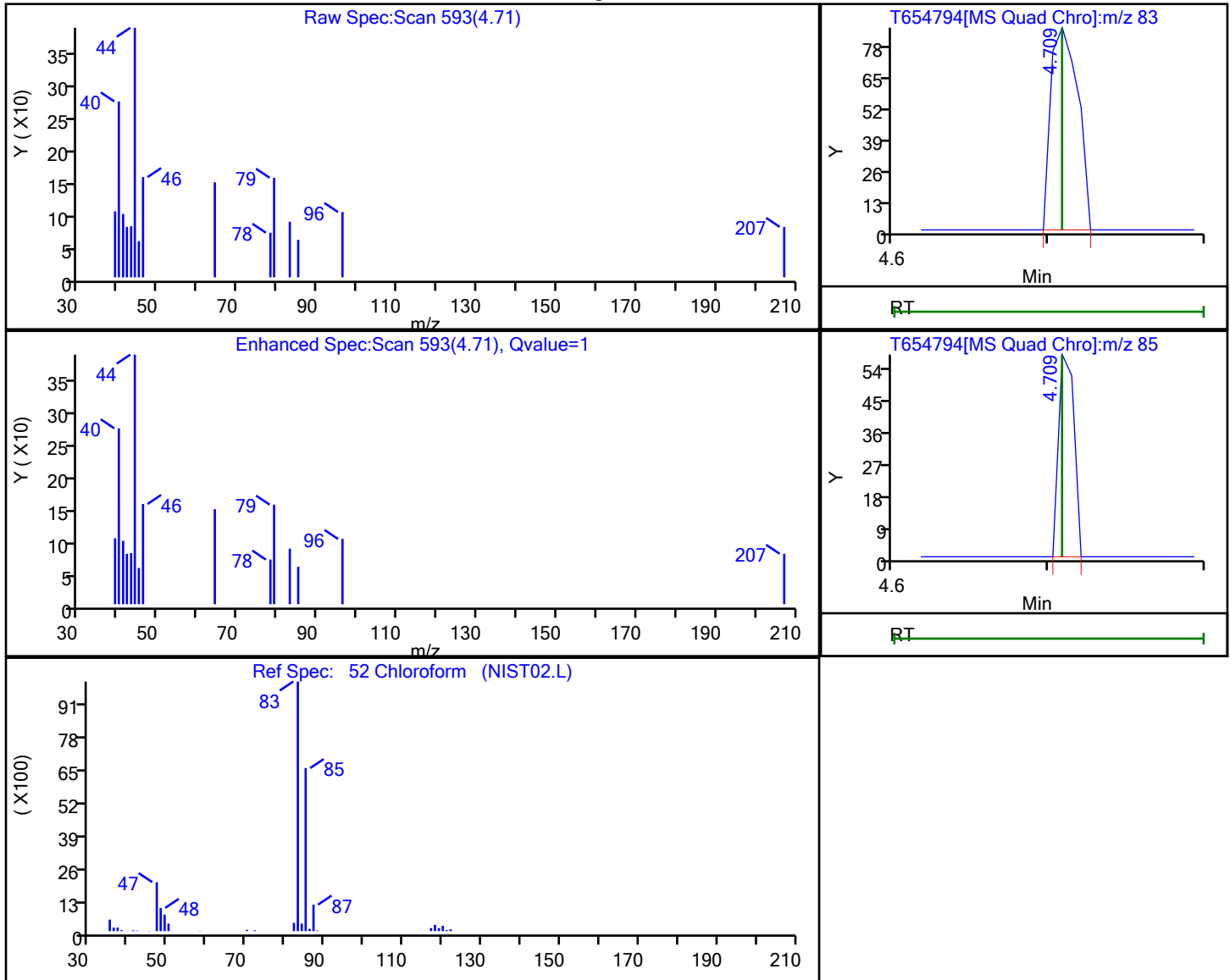
Column: DB-624 (0.18 mm)

Detector

MS Quad

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.71	83.00	105	0.020541
4.71	85.00	40	

Reviewer: FK2C, 28-Oct-2022 09:37:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

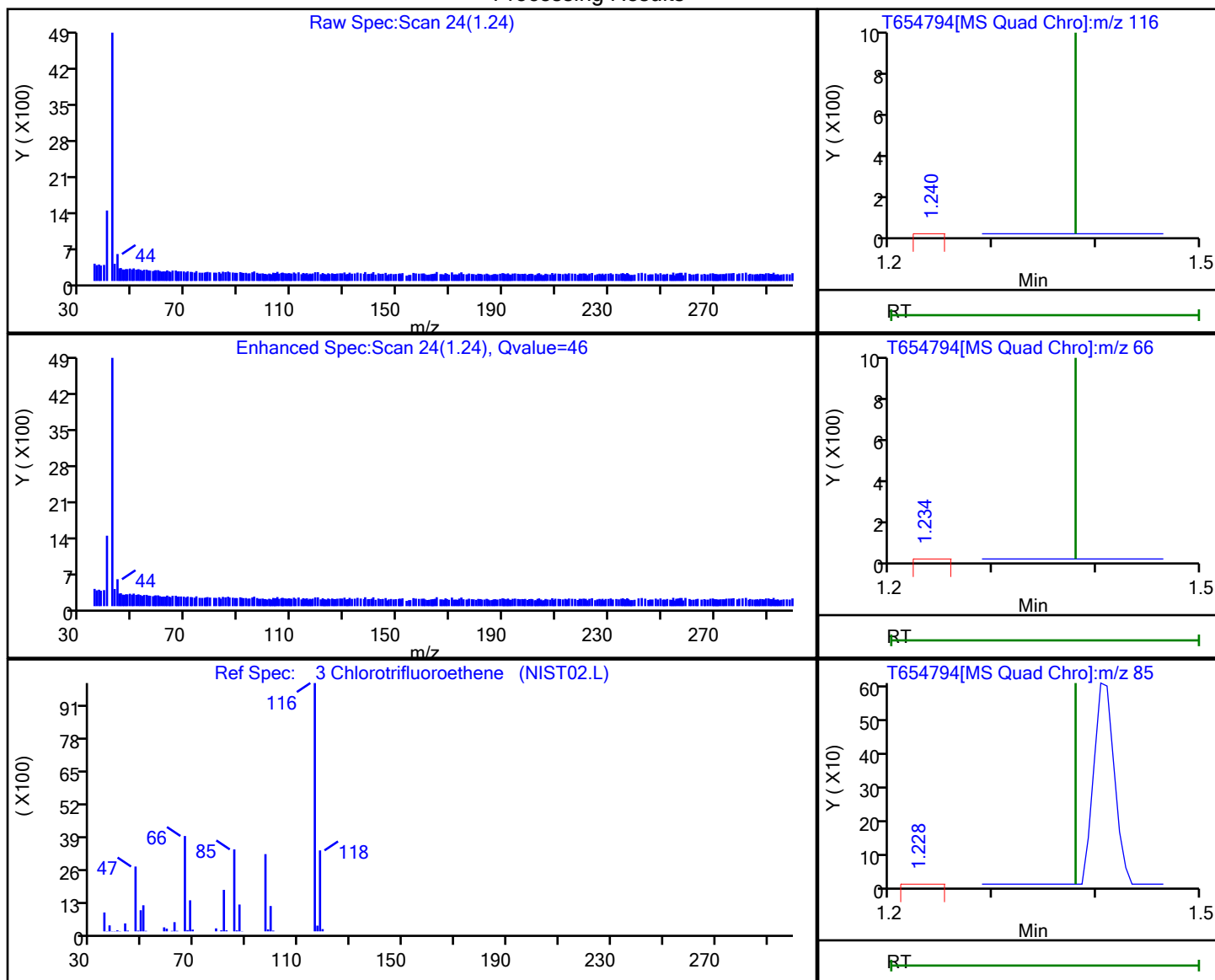
Column: DB-624 (0.18 mm)

Detector

MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.24	116.00	263	0.616809
1.23	66.00	638	
1.23	85.00	584	
1.23	118.00	463	

Reviewer: FK2C, 28-Oct-2022 09:37:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

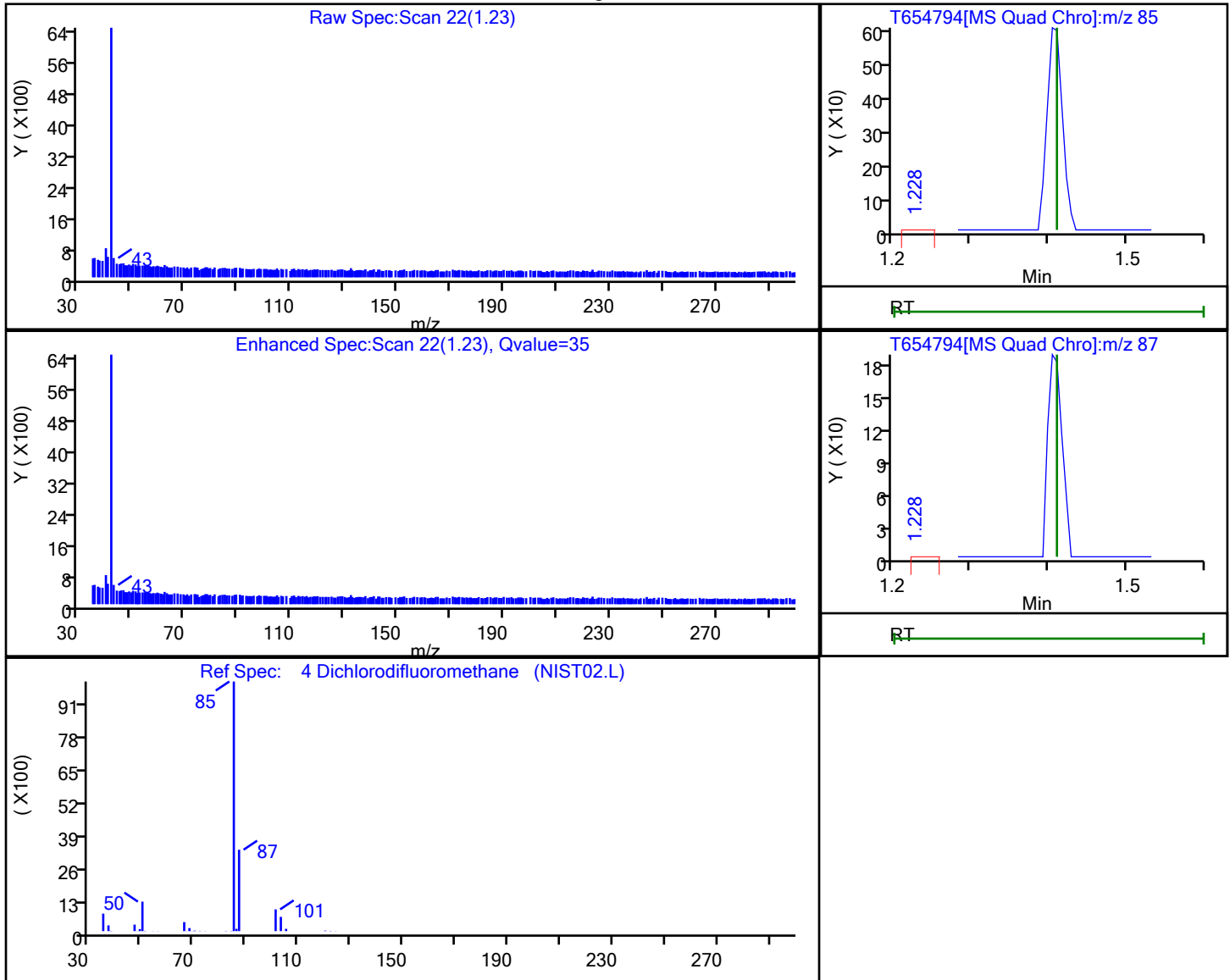
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.23	85.00	584	0.264310
1.23	87.00	340	

Reviewer: FK2C, 28-Oct-2022 09:37:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

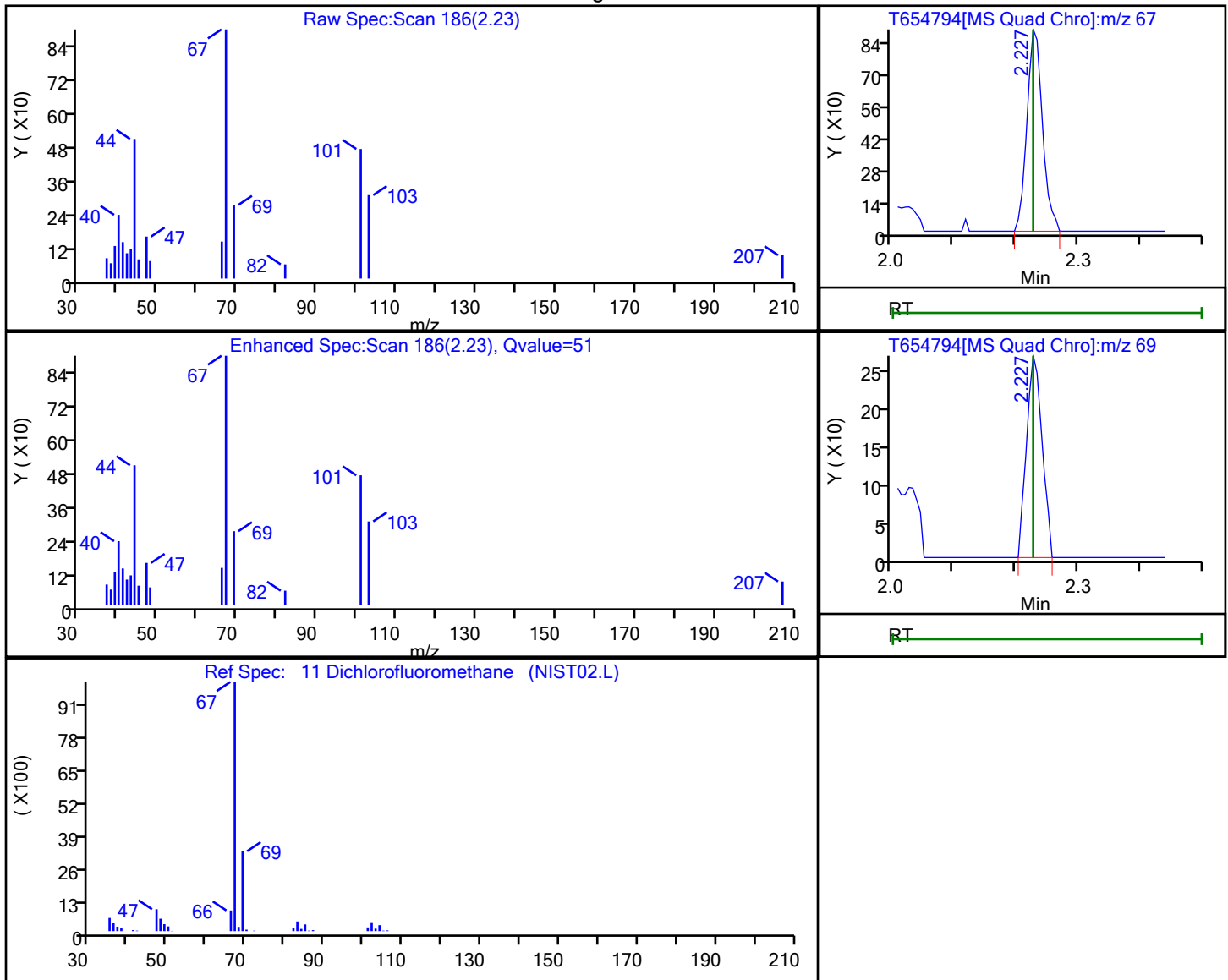
Column: DB-624 (0.18 mm)

Detector

MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.23	67.00	1564	0.353718
2.23	69.00	463	

Reviewer: FK2C, 28-Oct-2022 09:37:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

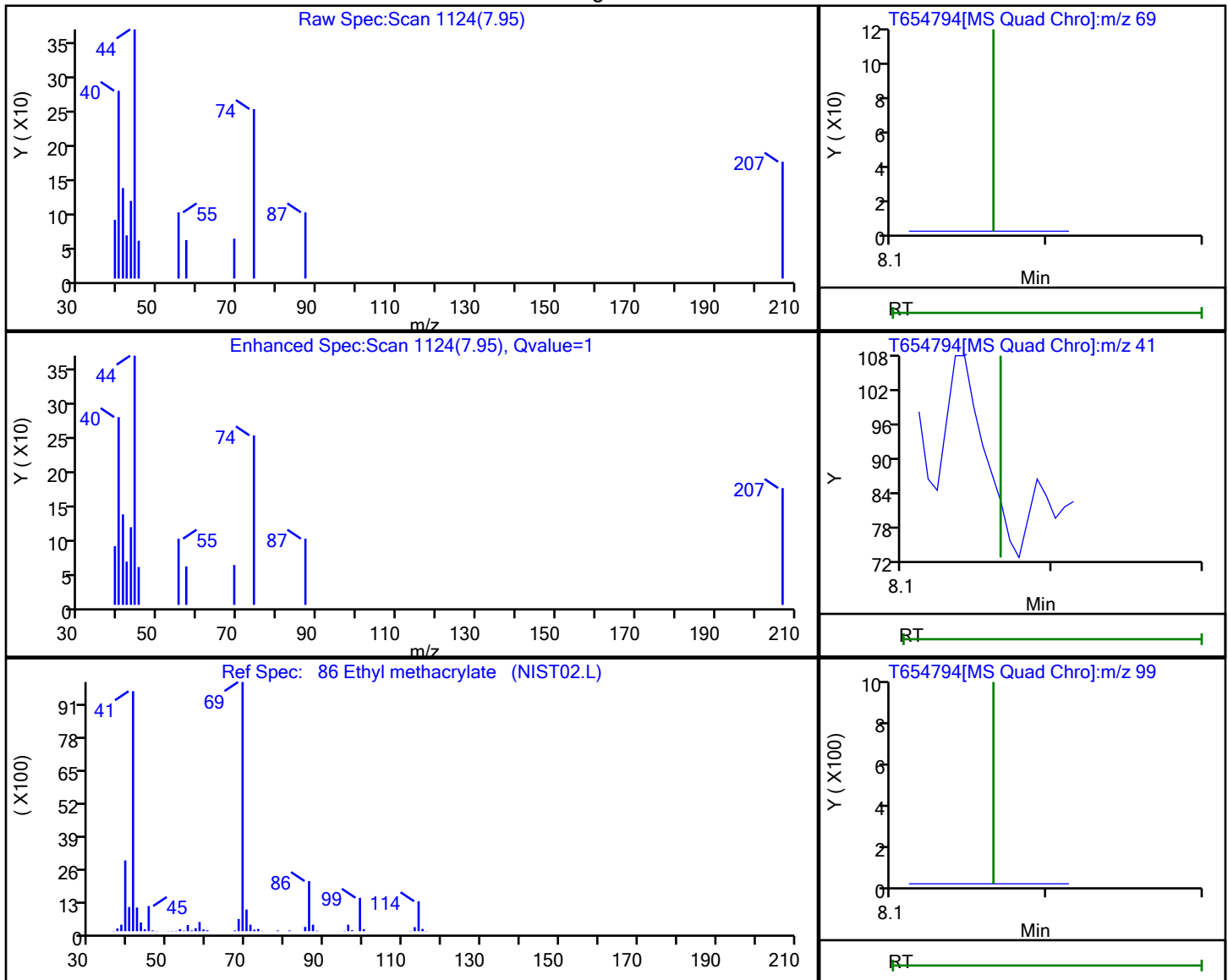
Column: DB-624 (0.18 mm)

Detector

MS Quad

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.95	69.00	41	0.012811
7.95	41.00	61	
7.95	99.00	0	

Reviewer: FK2C, 28-Oct-2022 09:37:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

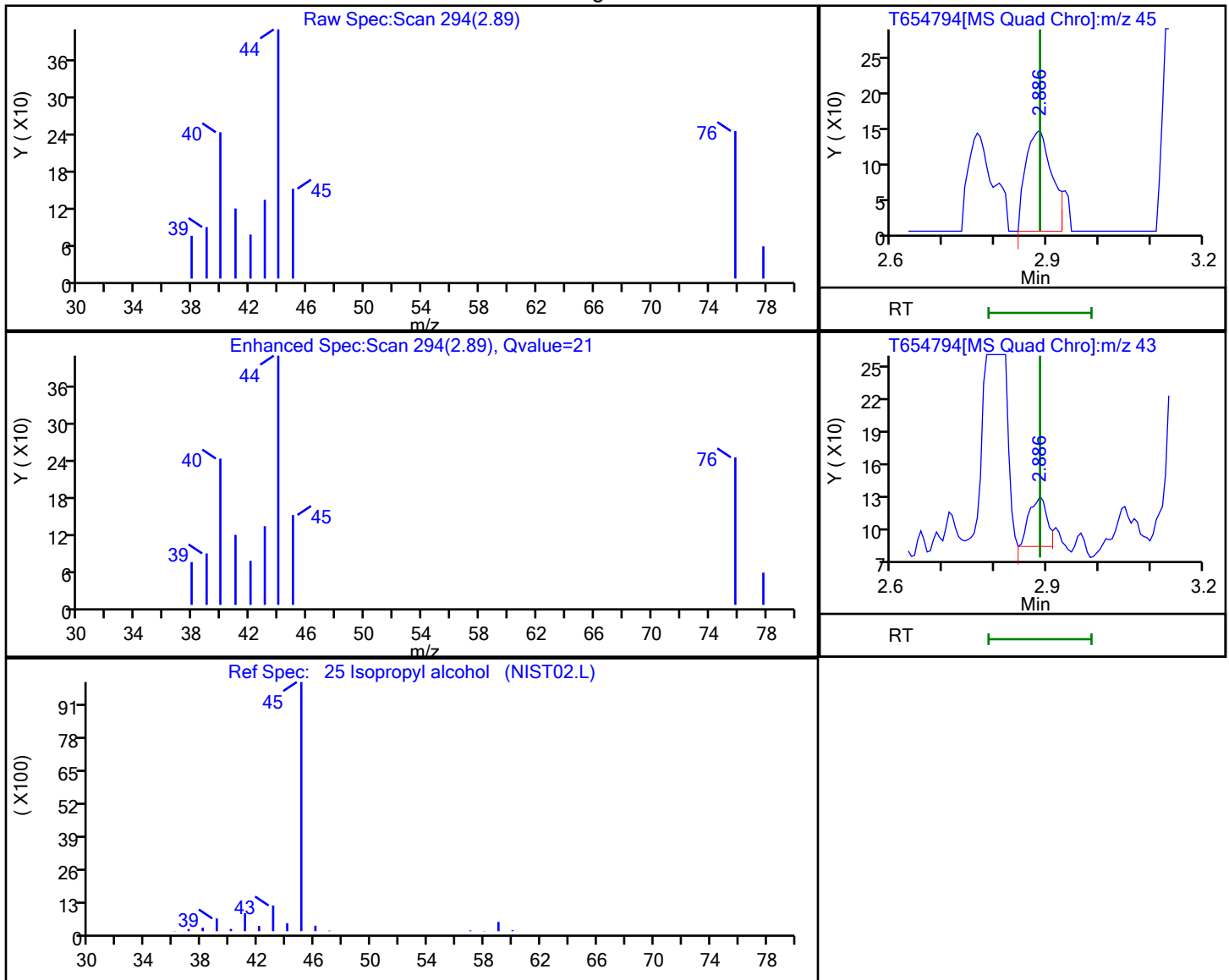
Column: DB-624 (0.18 mm)

Detector

MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.89	45.00	513	2.115741
2.89	43.00	109	

Reviewer: FK2C, 28-Oct-2022 09:37:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

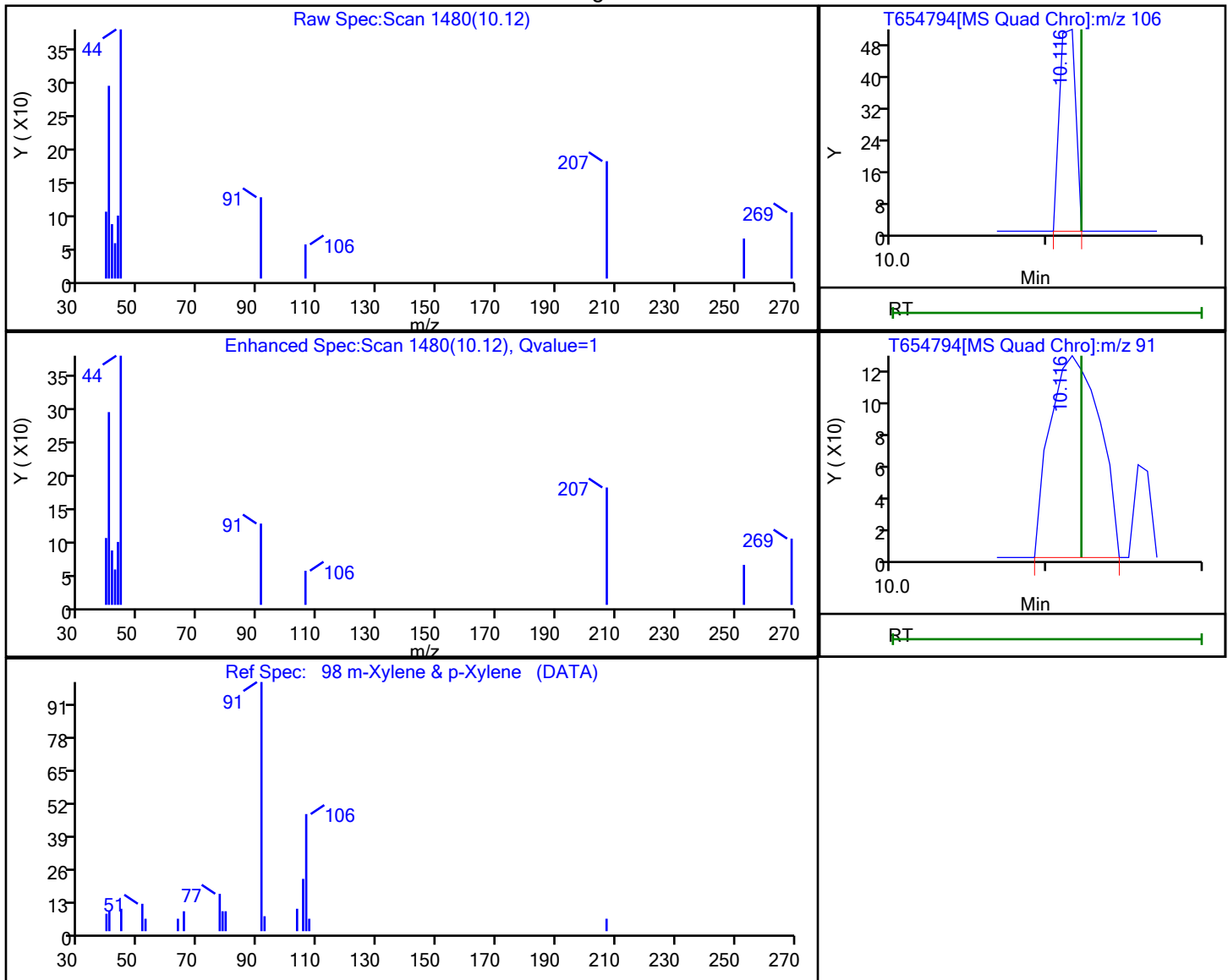
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.12	106.00	38	0.008594
10.12	91.00	276	

Reviewer: FK2C, 28-Oct-2022 09:37:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

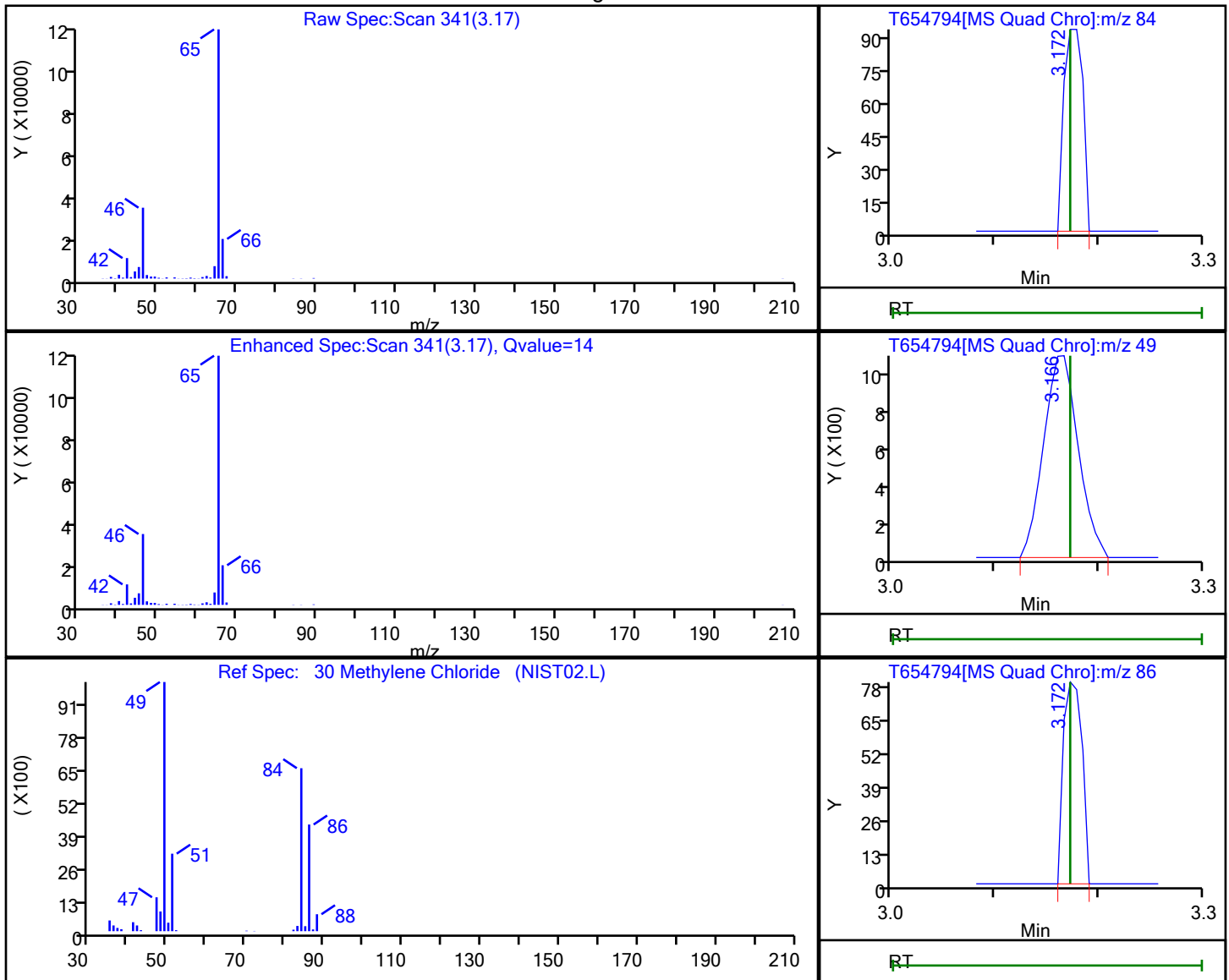
Column: DB-624 (0.18 mm)

Detector

MS Quad

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.17	84.00	120	0.040564
3.17	49.00	2438	
3.17	86.00	101	

Reviewer: FK2C, 28-Oct-2022 09:37:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

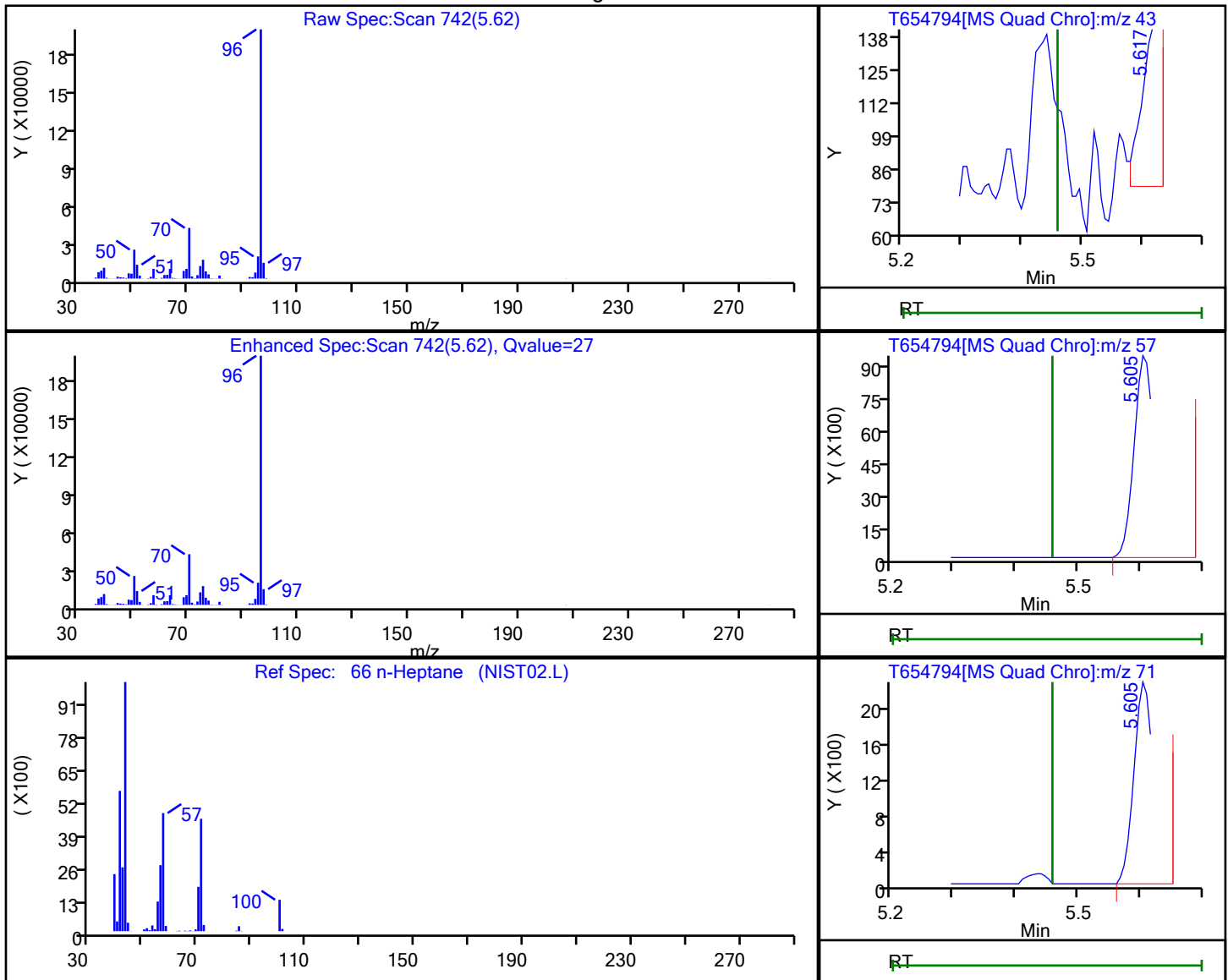
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.62	43.00	125	0.061242
5.60	57.00	21540	
5.60	71.00	4847	

Reviewer: FK2C, 28-Oct-2022 09:37:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

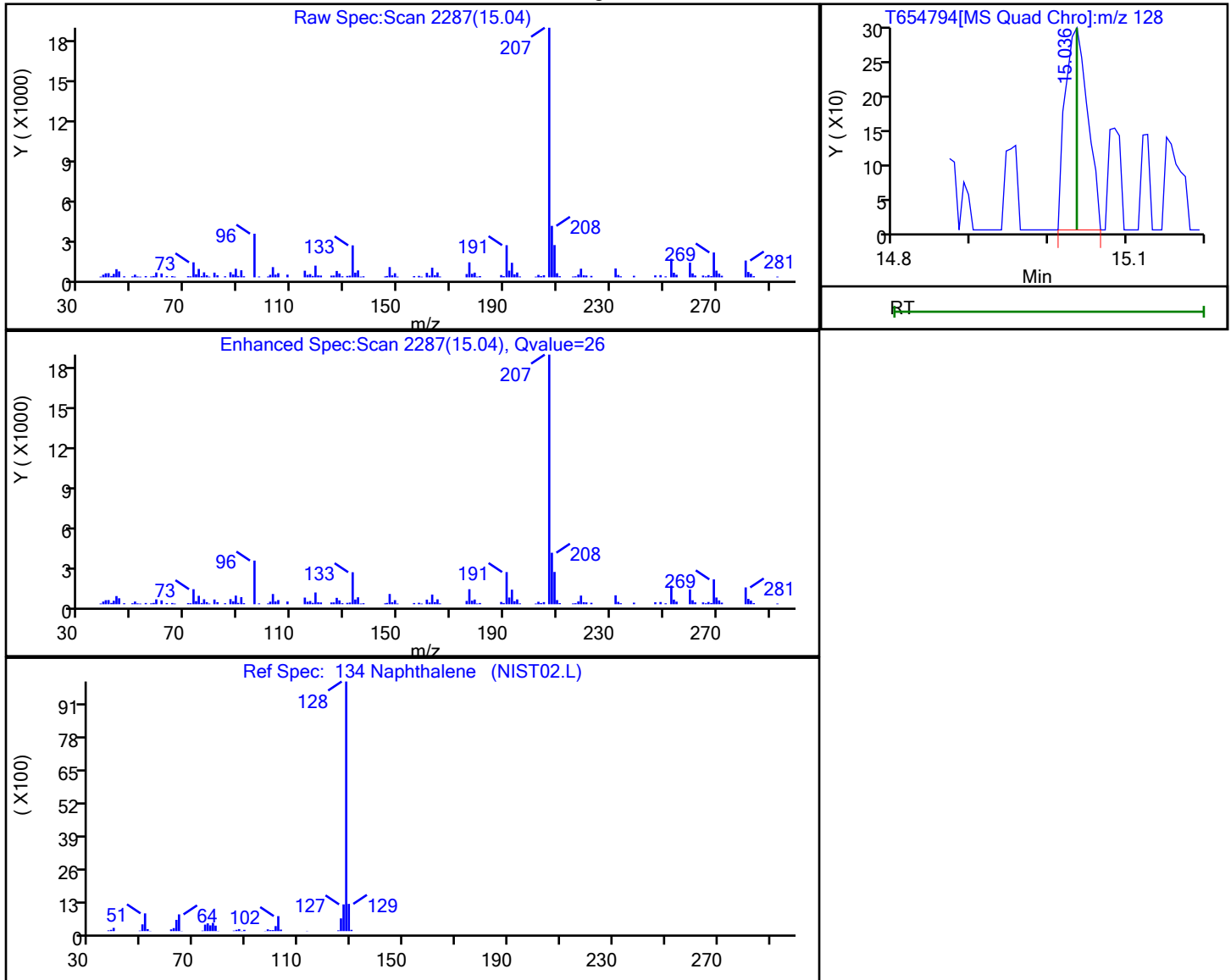
Column: DB-624 (0.18 mm)

Detector

MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
15.04	128.00	589	0.143003

Reviewer: FK2C, 28-Oct-2022 09:37:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

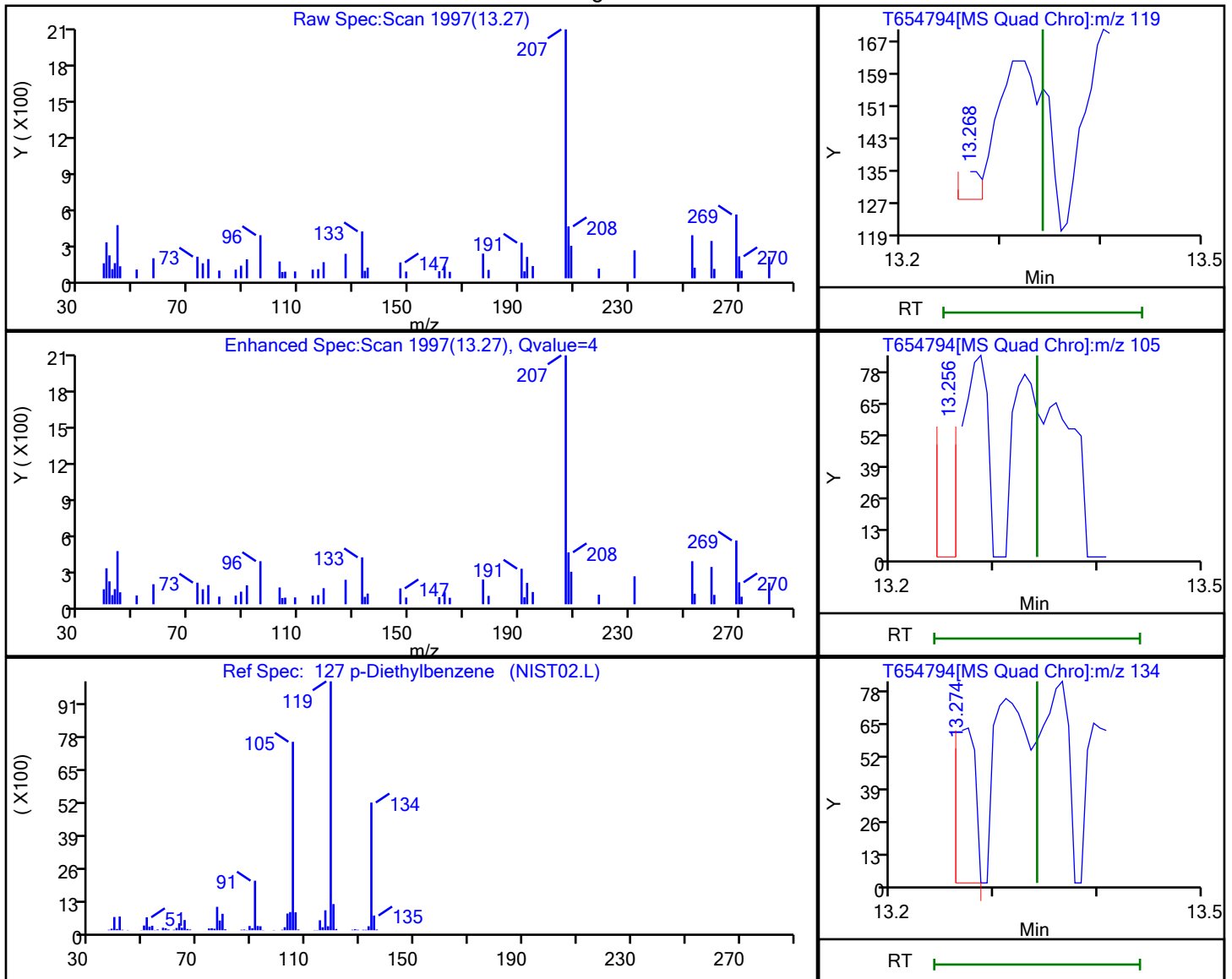
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
13.27	119.00	7	0.002947
13.26	105.00	59	
13.27	134.00	87	

Reviewer: FK2C, 28-Oct-2022 09:37:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

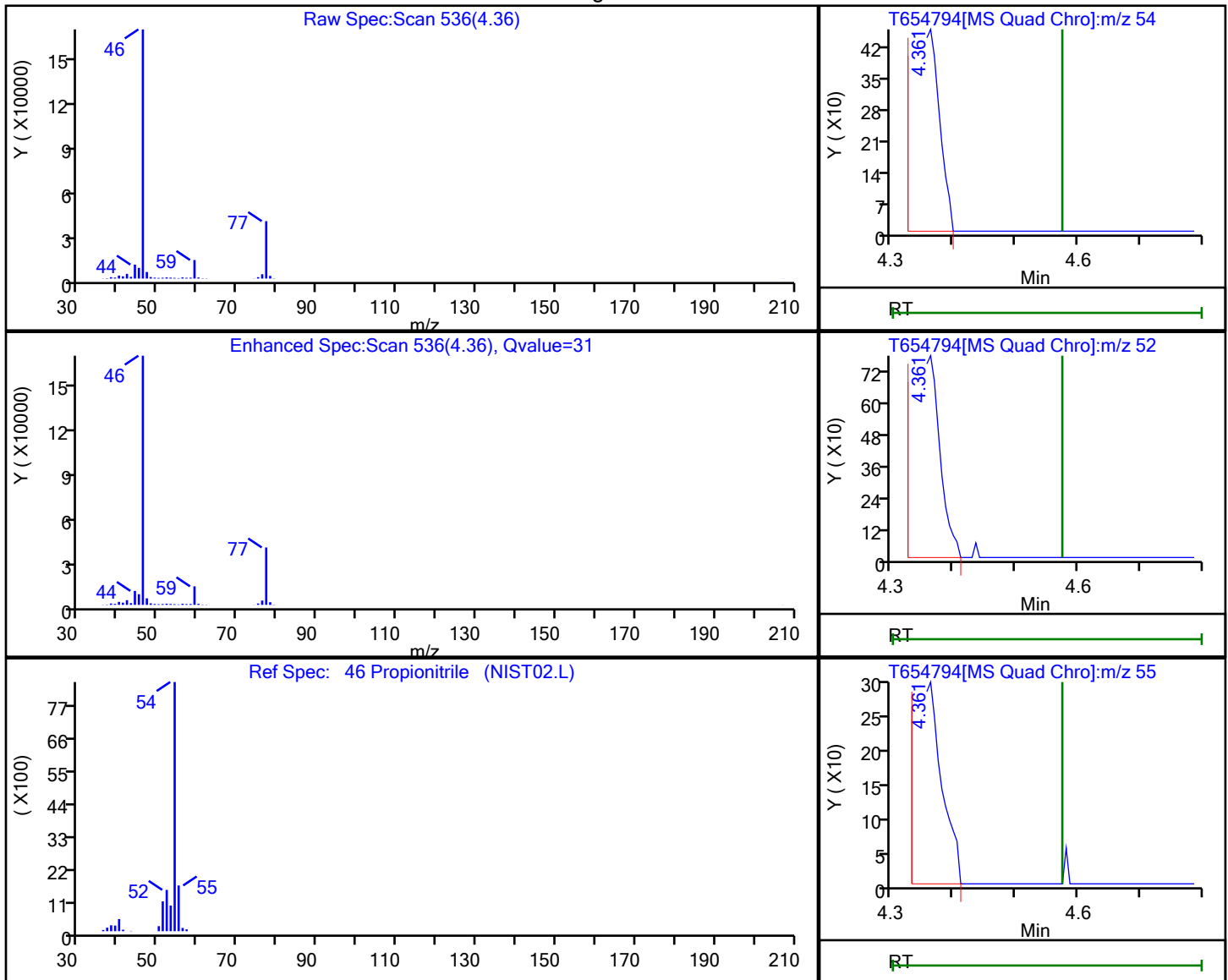
Column: DB-624 (0.18 mm)

Detector

MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.36	54.00	993	2.243436
4.36	52.00	1758	
4.36	55.00	693	

Reviewer: FK2C, 28-Oct-2022 09:37:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

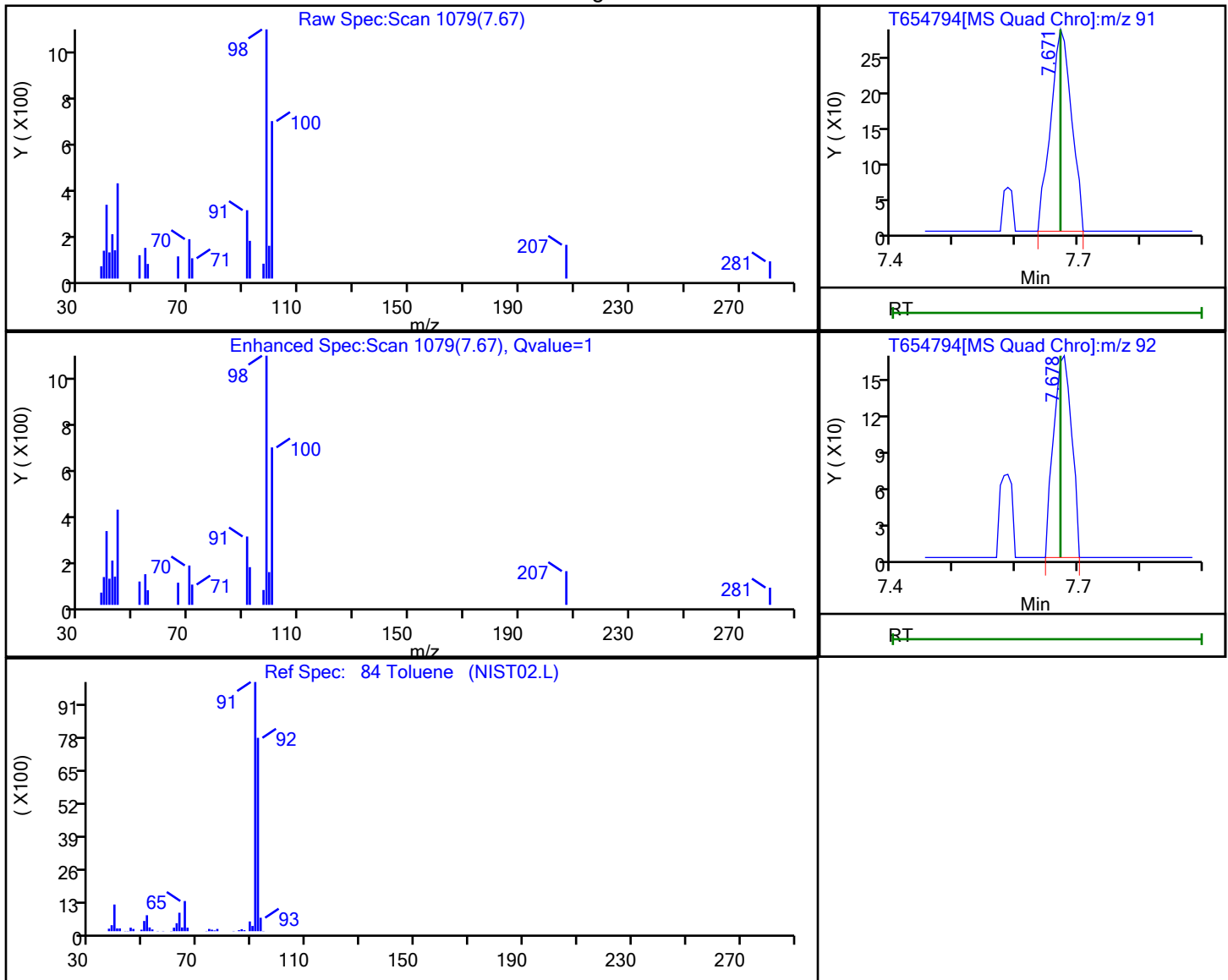
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.67	91.00	679	0.076118
7.68	92.00	335	

Reviewer: FK2C, 28-Oct-2022 09:37:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

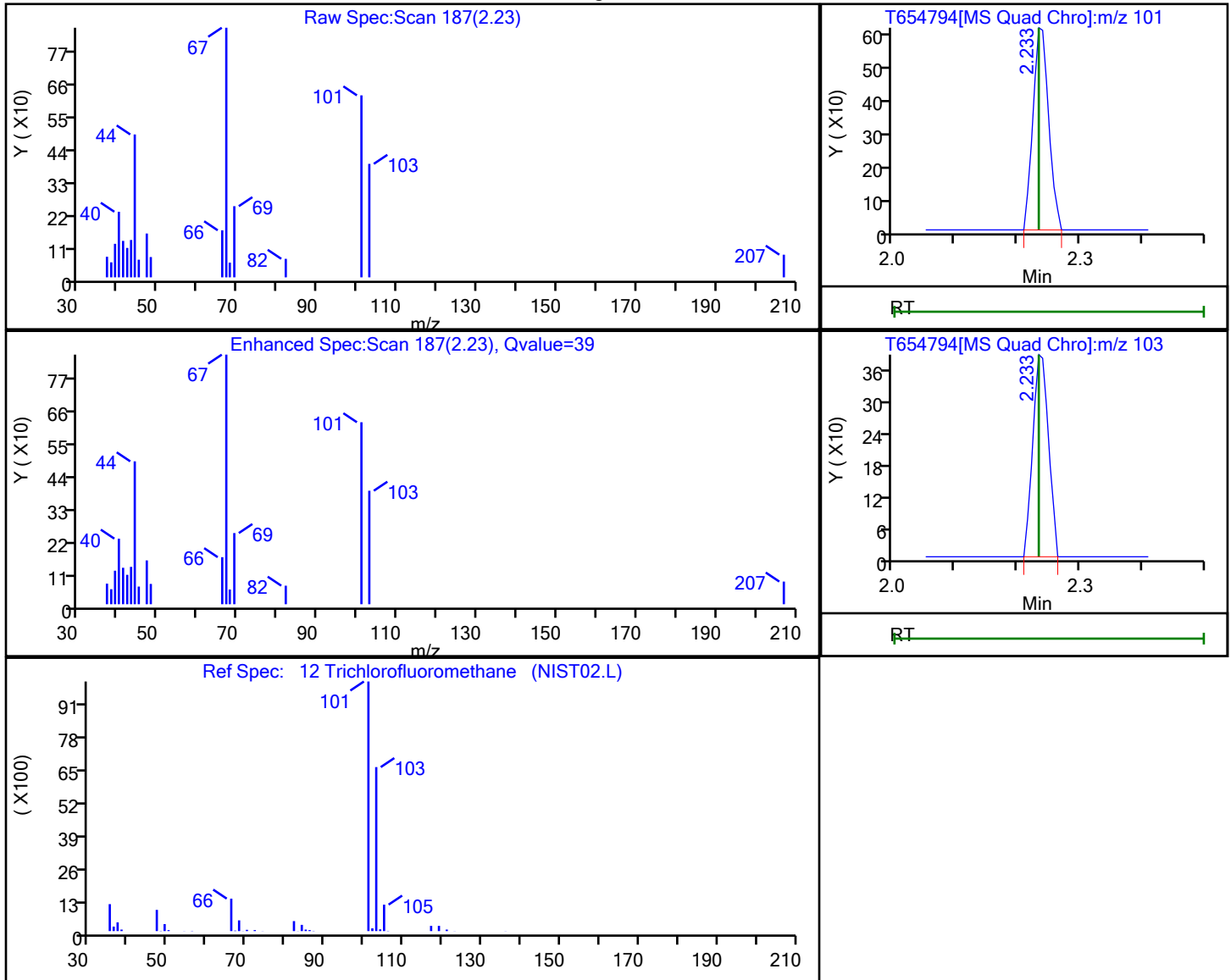
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.23	101.00	1091	0.287757
2.23	103.00	680	

Reviewer: FK2C, 28-Oct-2022 09:37:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654794.D

Injection Date: 28-Oct-2022 07:31:01

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

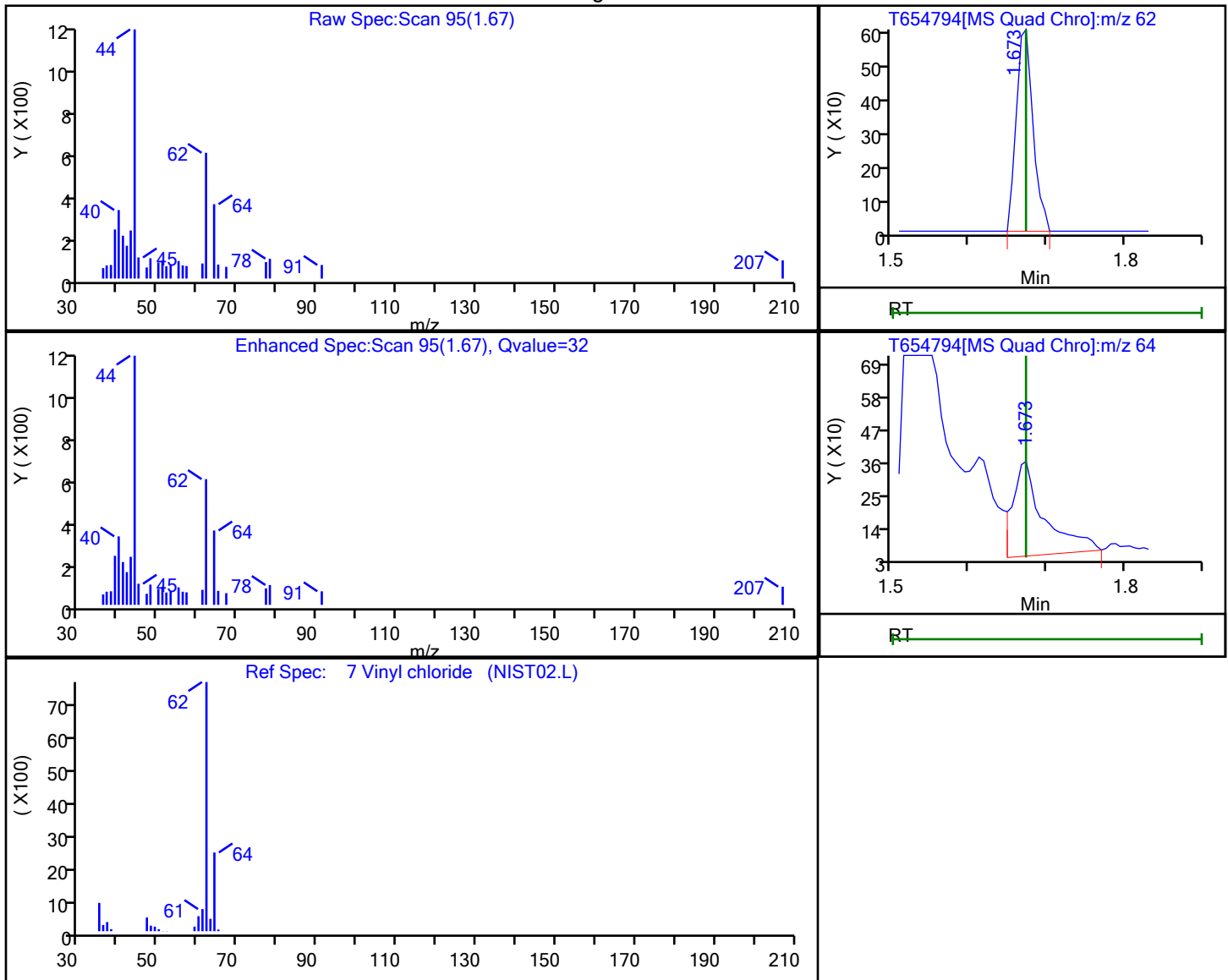
Column: DB-624 (0.18 mm)

Detector

MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.67	62.00	908	0.328223
1.67	64.00	904	

Reviewer: FK2C, 28-Oct-2022 09:37:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 28-Oct-2022 07:52:23 ALS Bottle#: 0 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0152384-003
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:02 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:58:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.270	1.276	-0.006	11	230	0.5000	1.13	
3 Chlorotrifluoroethene	116	1.374	1.380	-0.006	1	247	0.5000	0.4984	a
2 1,1-Difluoroethane	65	1.392	1.392	0.000	80	647	0.5000	0.5204	
4 Dichlorodifluoromethane	85	1.404	1.410	-0.006	64	1318	0.5000	0.4723	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	59	329	0.5000	0.6601	
6 Chloromethane	50	1.581	1.587	-0.006	79	1652	0.5000	0.5234	a
7 Vinyl chloride	62	1.666	1.672	-0.006	69	1660	0.5000	0.5096	
8 Butadiene	54	1.697	1.697	0.000	90	1774	0.5000	0.5223	
9 Bromomethane	94	1.959	1.959	0.000	25	278	0.5000	0.5233	M
10 Chloroethane	64	2.051	2.050	0.001	60	1145	0.5000	0.5457	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	76	2504	0.5000	0.4978	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	60	1691	0.5000	0.4900	
13 Pentane	72	2.282	2.282	0.000	92	531	1.00	1.15	
14 Ethanol	46	2.441	2.447	-0.006	67	469	20.0	31.2	
15 Ethyl ether	59	2.489	2.489	0.000	75	1090	0.5000	0.4991	
17 2-Methyl-1,3-butadiene	53	2.502	2.508	-0.006	80	1317	0.5000	0.5311	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.532	2.538	-0.006	54	1002	0.5000	0.5487	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	59	1857	0.5000	0.5352	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	59	1122	0.5000	0.5278	
19 Acrolein	56	2.666	2.666	0.000	67	1088	2.00	2.76	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	72	1314	0.5000	0.5847	
22 Acetone	43	2.794	2.800	-0.006	74	3419	2.50	2.70	
23 Iodomethane	142	2.855	2.855	0.000	1	204	0.5000	0.0935	a
24 Carbon disulfide	76	2.886	2.886	0.000	94	4183	0.5000	0.5264	
25 Isopropyl alcohol	45	2.886	2.886	0.000	27	1446	5.00	5.14	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	79	830	0.5000	0.5283	
29 Cyclopentene	67	3.050	3.056	-0.006	72	2962	0.5000	0.5105	
28 Methyl acetate	43	3.056	3.056	0.000	79	2156	1.00	1.09	
26 Acetonitrile	41	3.111	3.117	-0.006	89	1723	5.00	5.37	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	100	45677	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	21	1434	0.5000	0.5201	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	47	1702	5.00	6.07	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	90	3427	0.5000	0.4913	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	75	1525	0.5000	0.5680	
33 Acrylonitrile	53	3.459	3.465	-0.006	94	5044	5.00	5.10	
36 Hexane	57	3.544	3.550	-0.006	80	1657	0.5000	0.5520	
40 Isopropyl ether	45	3.782	3.782	0.000	87	4203	0.5000	0.4919	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	69	2582	0.5000	0.4992	
38 Vinyl acetate	86	3.831	3.837	-0.006	96	507	1.00	0.9412	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	74	1178	0.5000	0.5124	
41 Tert-butyl ethyl ether	59	4.129	4.135	-0.006	74	3458	0.5000	0.4514	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	40	455	0.5000	0.4883	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	70	339427	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.392	4.391	0.001	25	1881	0.5000	0.6163	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	93	764	2.50	2.58	
47 Ethyl acetate	70	4.428	4.428	0.000	93	248	1.00	0.8799	
48 Methyl acrylate	55	4.483	4.489	-0.006	48	1365	0.5000	0.5711	
46 Propionitrile	54	4.574	4.574	0.000	88	1972	5.00	5.11	
49 Chlorobromomethane	128	4.642	4.647	-0.005	80	651	0.5000	0.5605	
51 Tetrahydrofuran	72	4.648	4.647	0.001	66	353	1.00	1.06	
50 Methacrylonitrile	67	4.684	4.690	-0.006	92	5133	5.00	4.68	
52 Chloroform	83	4.709	4.708	0.001	80	2511	0.5000	0.5119	
55 Cyclohexane	84	4.843	4.843	0.000	80	1764	0.5000	0.5088	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	13	1920	0.5000	0.4916	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	94	132078	50.0	51.3	
56 Carbon tetrachloride	117	4.995	5.001	-0.006	79	1590	0.5000	0.4988	
57 1,1-Dichloropropene	75	5.038	5.044	-0.006	58	1881	0.5000	0.4995	
59 Isobutyl alcohol	43	5.202	5.202	0.000	75	1960	12.5	12.8	
62 Isooctane	57	5.233	5.239	-0.006	70	2780	0.5000	0.5052	a
60 Benzene	78	5.269	5.269	0.000	41	5400	0.5000	0.4984	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.294	-0.006	92	172253	50.0	50.8	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	63	3332	0.5000	0.4636	
63 Isopropyl acetate	61	5.361	5.367	-0.006	90	856	0.5000	0.5814	
61 1,2-Dichloroethane	62	5.373	5.379	-0.006	68	2264	0.5000	0.5906	
66 n-Heptane	43	5.458	5.458	0.000	78	1445	0.5000	0.5827	
* 65 Fluorobenzene	96	5.605	5.605	0.000	98	510822	50.0	50.0	
68 n-Butanol	56	5.983	5.983	0.000	75	929	12.5	12.4	
67 Trichloroethene	95	6.013	6.013	0.000	70	1284	0.5000	0.4773	
70 Methylcyclohexane	83	6.153	6.153	0.000	70	1768	0.5000	0.5244	a
71 1,2-Dichloropropane	63	6.355	6.361	-0.006	66	1511	0.5000	0.5184	
* 73 1,4-Dioxane-d8	96	6.428	6.434	-0.006	1	31514	1000.0	1000.0	
69 Ethyl acrylate	55	6.184	6.470	-0.286	56	3249	0.5000	0.5411	a
75 Methyl methacrylate	100	6.470	6.470	0.000	72	556	1.00	0.9142	
74 1,4-Dioxane	88	6.495	6.501	-0.006	45	714	25.0	24.0	
72 Dibromomethane	93	6.501	6.507	-0.006	71	792	0.5000	0.4910	
76 n-Propyl acetate	43	6.544	6.543	0.001	89	1728	0.5000	0.4651	
77 Dichlorobromomethane	83	6.690	6.690	0.000	80	1834	0.5000	0.5041	
78 2-Nitropropane	41	7.104	7.104	0.000	78	1005	1.00	1.21	
79 2-Chloroethyl vinyl ether	106	7.111	7.117	-0.006	38	96	0.5012	0.3462	
80 Epichlorohydrin	57	7.226	7.233	-0.007	84	2466	10.0	9.85	
81 cis-1,3-Dichloropropene	75	7.287	7.293	-0.006	73	2304	0.5000	0.5034	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	92	5539	2.50	2.45	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	98	476229	50.0	49.9	
84 Toluene	91	7.671	7.671	0.000	87	6137	0.5000	0.5546	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	55	1981	0.5000	0.4869	
86 Ethyl methacrylate	69	8.165	8.165	0.000	60	1628	0.5000	0.5287	
87 1,1,2-Trichloroethane	83	8.354	8.360	-0.006	57	877	0.5000	0.4474	
88 Tetrachloroethene	166	8.397	8.397	0.000	73	1118	0.5000	0.5088	
89 1,3-Dichloropropane	76	8.610	8.616	-0.006	79	1906	0.5000	0.4865	
90 2-Hexanone	43	8.714	8.720	-0.006	93	4226	2.50	2.61	
93 n-Butyl acetate	43	8.866	8.866	0.000	84	2011	0.5000	0.5222	
91 Chlorodibromomethane	129	8.879	8.884	-0.005	37	1114	0.5000	0.4902	
92 Ethylene Dibromide	107	9.061	9.061	0.000	50	1110	0.5000	0.5093	
* 94 Chlorobenzene-d5	117	9.732	9.738	-0.006	89	352025	50.0	50.0	
95 Chlorobenzene	112	9.775	9.781	-0.006	50	3283	0.5000	0.5161	
97 Ethylbenzene	106	9.921	9.921	0.000	88	1615	0.5000	0.4664	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.933	-0.006	23	1086	0.5000	0.4990	
98 m-Xylene & p-Xylene	106	10.116	10.122	-0.006	95	2225	0.5000	0.5273	
99 o-Xylene	106	10.756	10.762	-0.006	84	1957	0.5000	0.4816	
101 n-Butyl acrylate	73	10.787	10.787	0.000	83	1325	0.5000	0.6210	
100 Styrene	104	10.805	10.811	-0.006	81	3225	0.5000	0.4762	
102 Bromoform	173	11.116	11.122	-0.006	42	554	0.5000	0.4213	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	72	2461	0.5000	0.5542	
104 Isopropylbenzene	105	11.335	11.341	-0.006	80	4965	0.5000	0.4958	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	82	119128	50.0	49.8	
106 Bromobenzene	156	11.787	11.786	0.001	74	1106	0.5000	0.4945	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	51	1543	0.5000	0.5458	
110 N-Propylbenzene	91	11.915	11.914	0.001	92	6088	0.5000	0.5070	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	61	426	0.5000	0.5578	
109 trans-1,4-Dichloro-2-butene	53	11.976	11.981	-0.005	27	502	0.5000	0.5566	
111 2-Chlorotoluene	91	12.036	12.042	-0.006	83	4139	0.5000	0.5087	
112 4-Ethyltoluene	105	12.073	12.073	0.000	89	4913	0.5000	0.5176	
114 1,3,5-Trimethylbenzene	105	12.158	12.164	-0.006	82	3898	0.5000	0.5133	
113 4-Chlorotoluene	91	12.189	12.189	0.000	88	4101	0.5000	0.5011	
115 Butyl Methacrylate	87	12.323	12.323	0.000	78	1531	0.5000	0.5182	
116 tert-Butylbenzene	119	12.524	12.530	-0.006	78	3116	0.5000	0.5080	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	86	4247	0.5000	0.5391	
118 sec-Butylbenzene	105	12.774	12.780	-0.006	91	4578	0.5000	0.4962	
119 1,3-Dichlorobenzene	146	12.914	12.920	-0.006	66	1910	0.5000	0.4933	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	84	3418	0.5000	0.4759	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	97	162235	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	39	2007	0.5000	0.5002	a
123 1,2,3-Trimethylbenzene	105	13.061	13.061	0.000	87	3640	0.5000	0.4839	
124 Benzyl chloride	91	13.189	13.195	-0.006	73	2419	0.5000	0.4882	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	69	3595	0.5000	0.4935	
127 p-Diethylbenzene	119	13.341	13.341	0.000	65	2253	0.5000	0.5431	a
128 n-Butylbenzene	92	13.366	13.365	0.001	75	2091	0.5000	0.5271	
126 1,2-Dichlorobenzene	146	13.402	13.408	-0.006	56	1896	0.5000	0.5263	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	58	2787	0.5000	0.4959	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	9	275	0.5000	0.5693	
131 1,3,5-Trichlorobenzene	180	14.286	14.292	-0.006	28	998	0.5000	0.5122	
132 1,2,4-Trichlorobenzene	180	14.829	14.829	0.000	10	1204	0.5000	0.7078	
133 Hexachlorobutadiene	225	14.926	14.926	0.000	13	389	0.5000	0.6095	
134 Naphthalene	128	15.036	15.036	0.000	41	2851	0.5000	0.5921	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	23	730	0.5000	0.5796	Ma
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.18	
S 137 Xylenes, Total	100				0		1.00	1.01	
S 140 Total BTEX	1				0		2.50	2.53	
S 139 1,3-Dichloropropene, Total	1				0		1.00	0.99	
S 138 Total 1,2-dichloroethene	1				0			1.18	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00161	Amount Added: 5.00	Units: uL	
ACROLEIN W_00145	Amount Added: 2.00	Units: uL	
524freon_00059	Amount Added: 5.00	Units: uL	
GASES Li_00499	Amount Added: 5.00	Units: uL	
14DIOXINTER_00147	Amount Added: 15.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

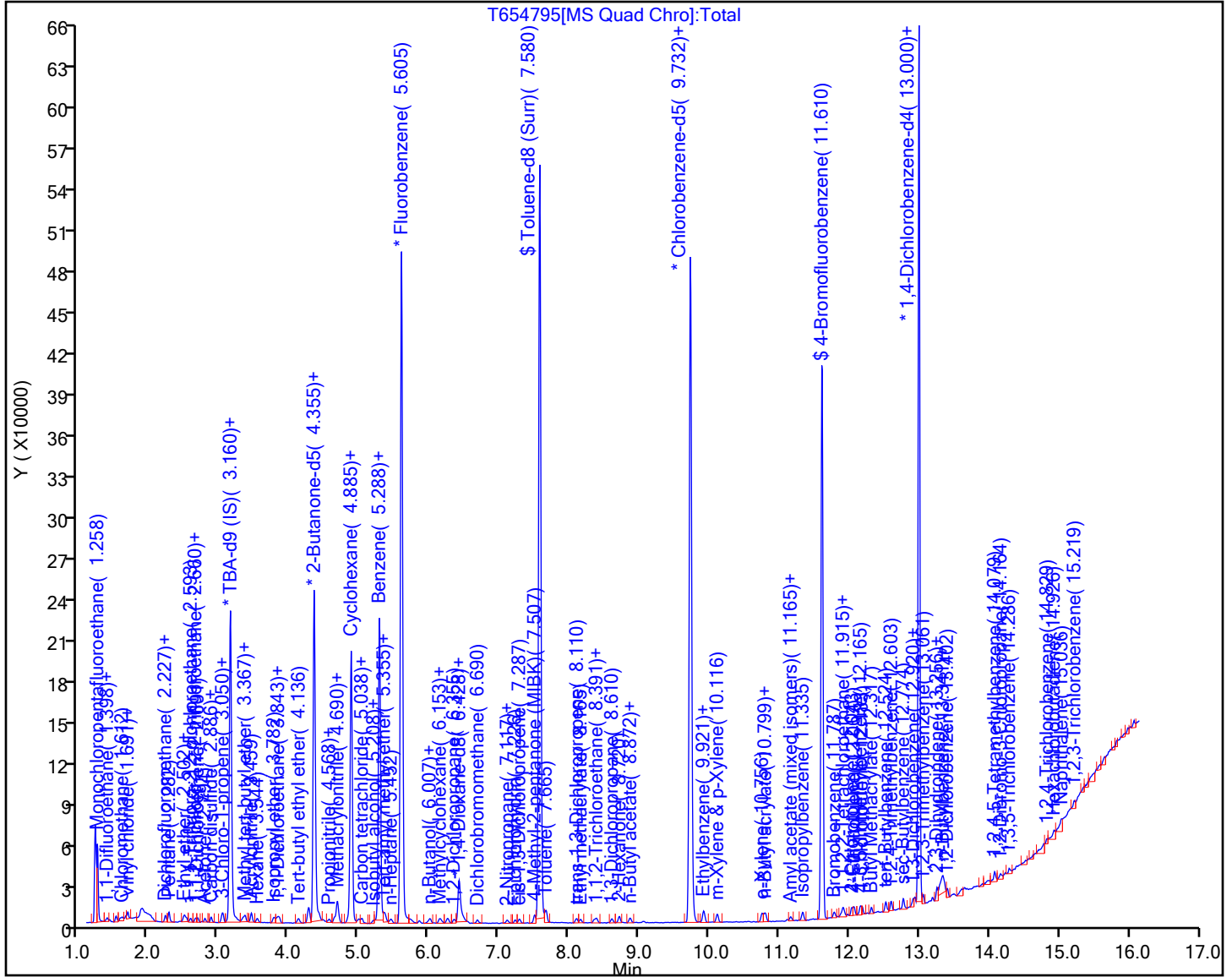
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

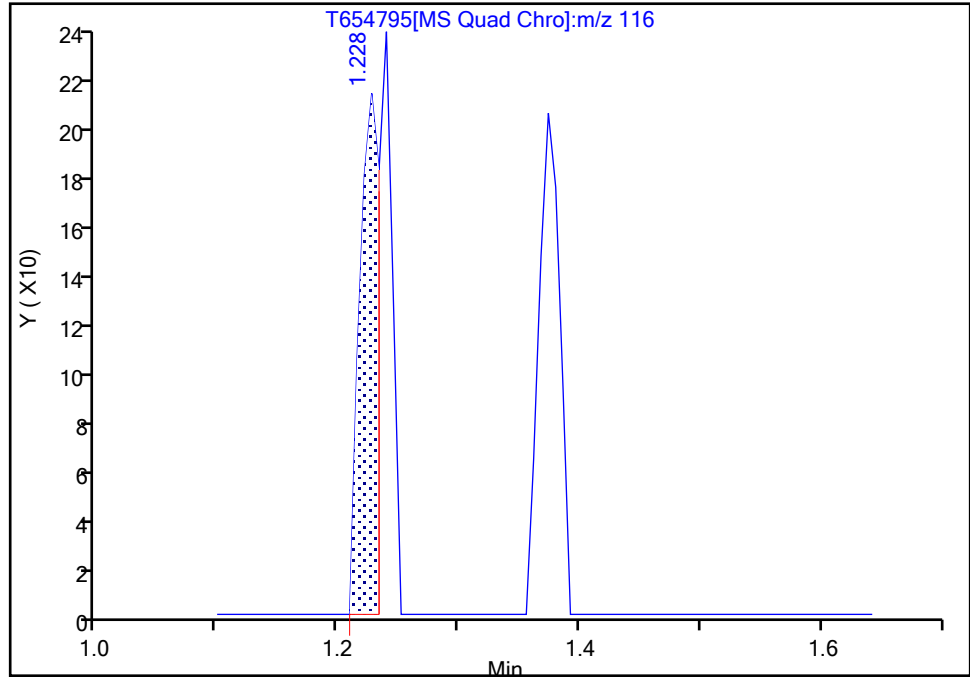
Detector: MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

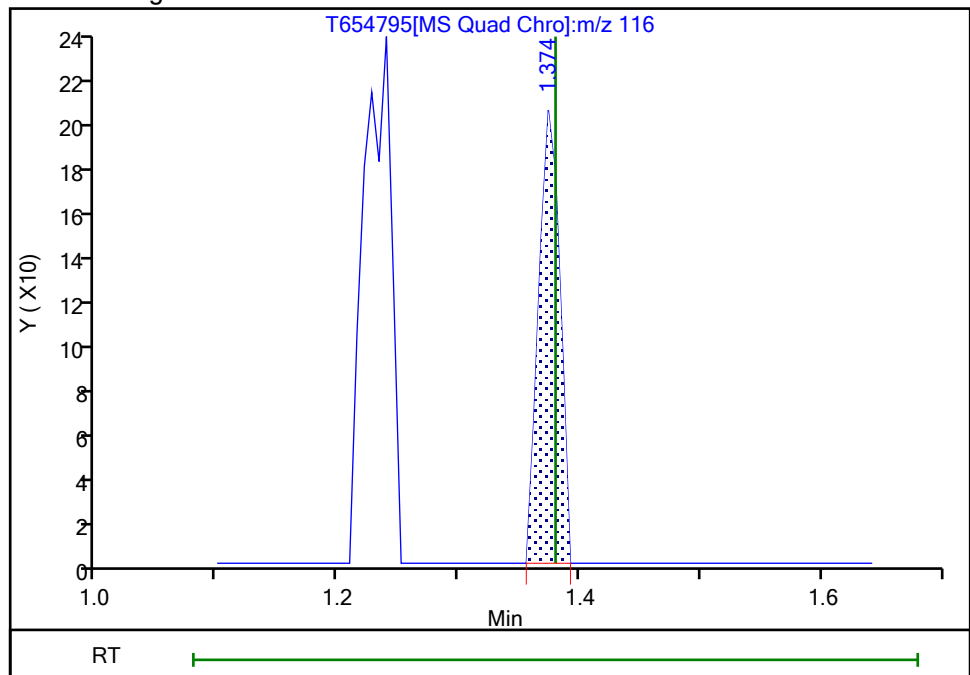
RT: 1.23
Area: 246
Amount: 0.492809
Amount Units: ug/l

Processing Integration Results



RT: 1.37
Area: 247
Amount: 0.498405
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:36:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

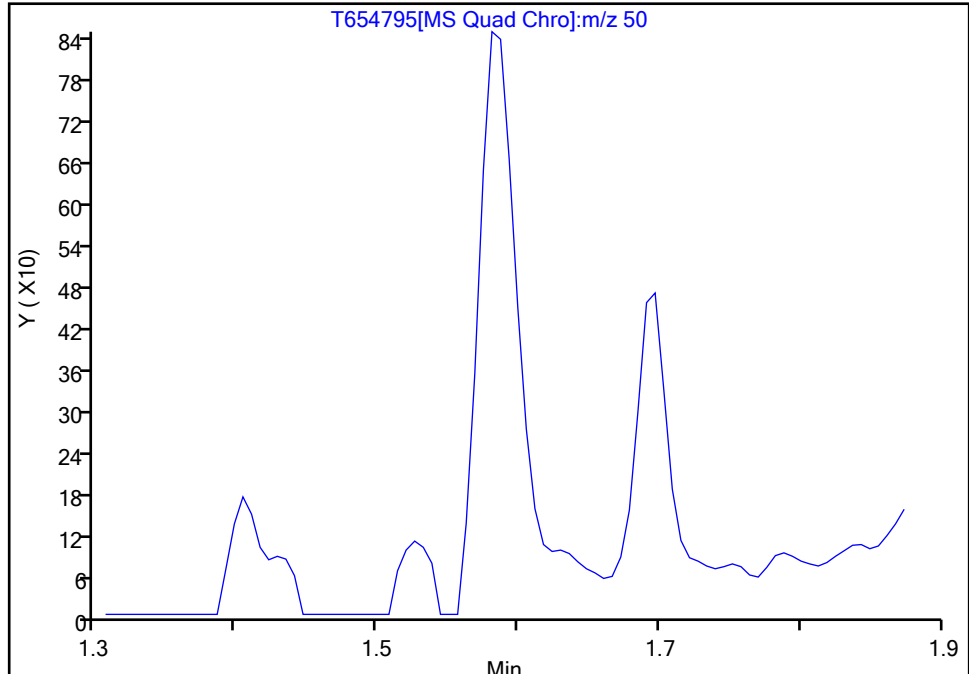
6 Chloromethane, CAS: 74-87-3

Signal: 1

Not Detected

Expected RT: 1.59

Processing Integration Results



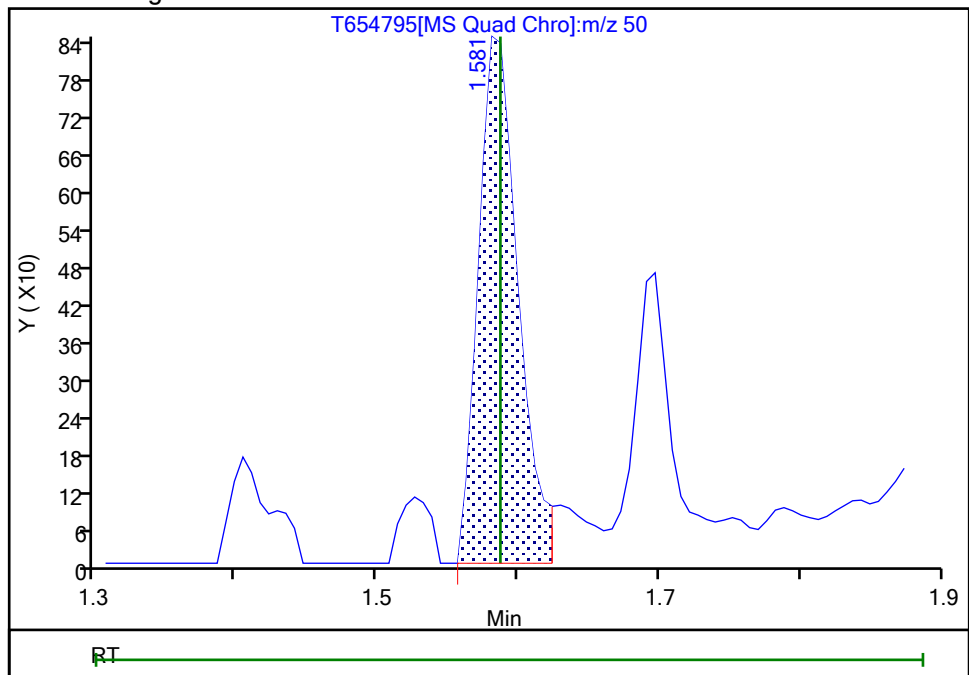
RT: 1.58

Area: 1652

Amount: 0.523426

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:36:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

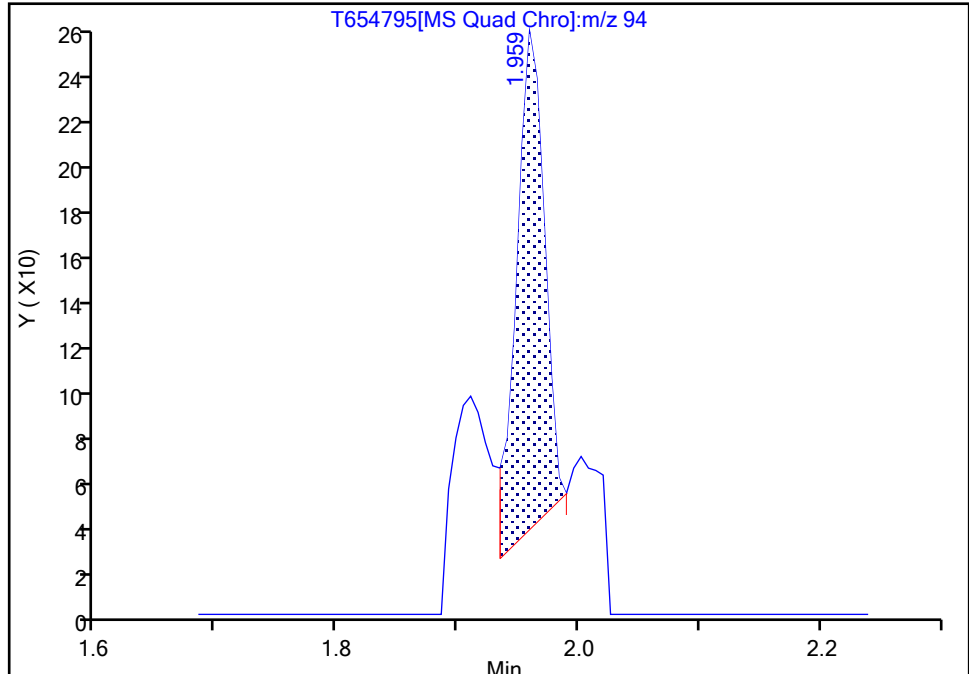
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

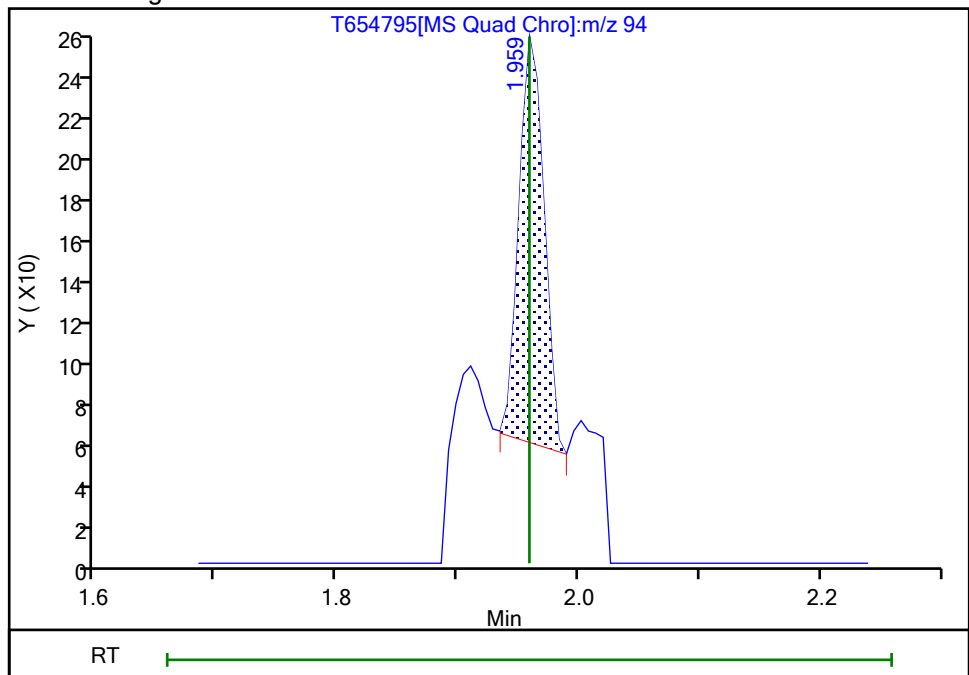
RT: 1.96
Area: 347
Amount: 0.417259
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 278
Amount: 0.523332
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 13:29:43

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

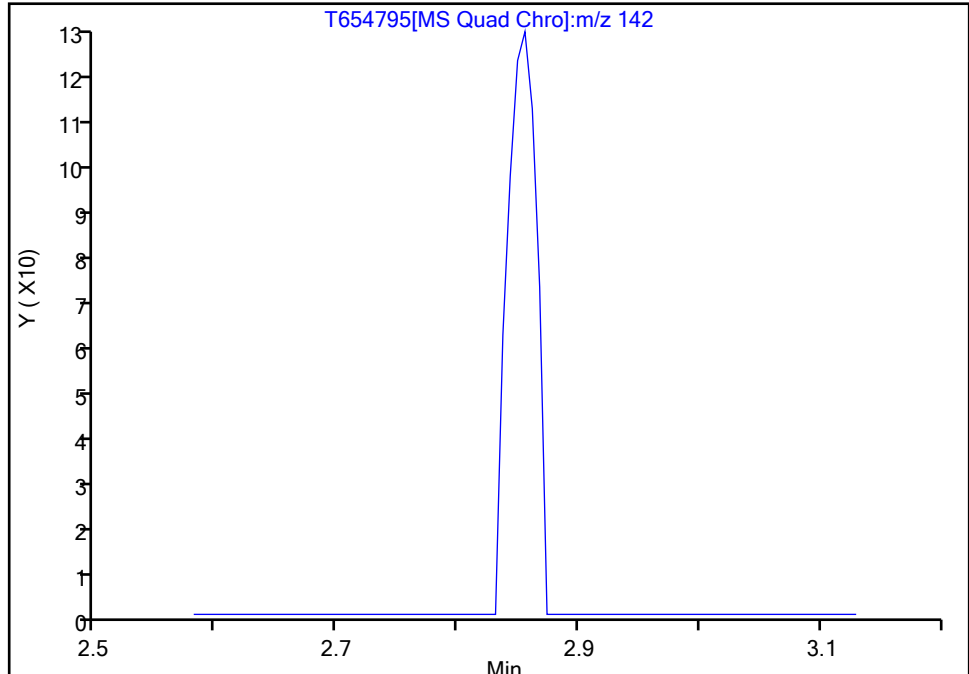
23 Iodomethane, CAS: 74-88-4

Signal: 1

Not Detected

Expected RT: 2.86

Processing Integration Results



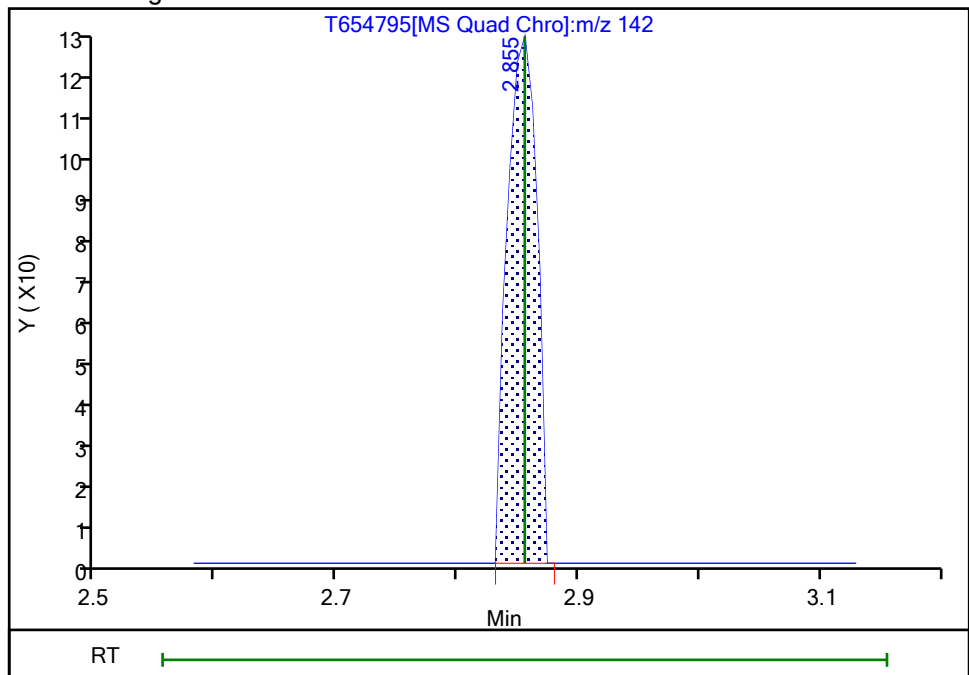
RT: 2.86

Area: 204

Amount: 0.093490

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:36:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

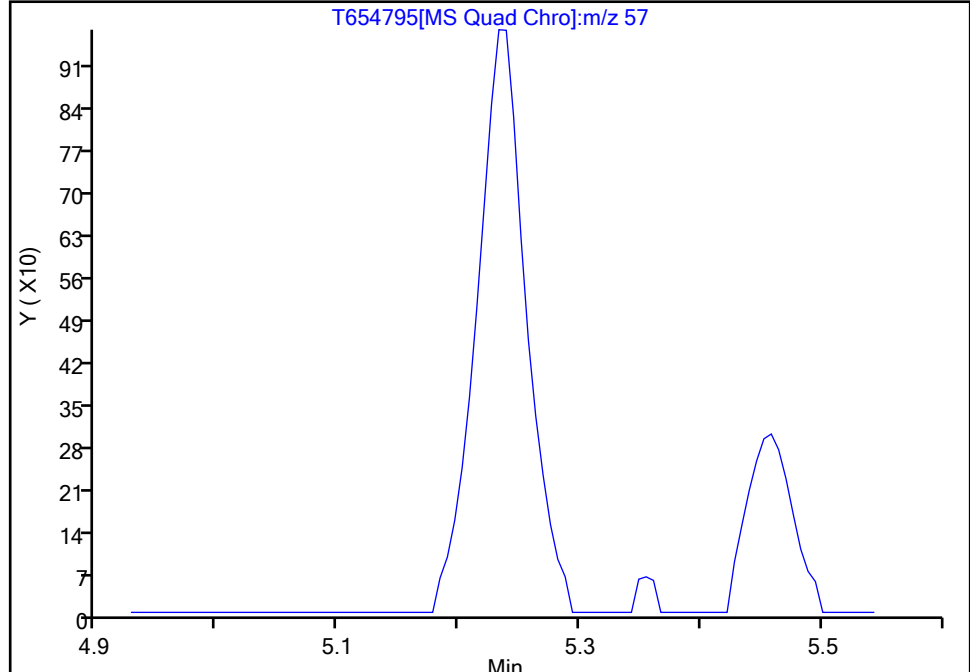
62 Isooctane, CAS: 540-84-1

Signal: 1

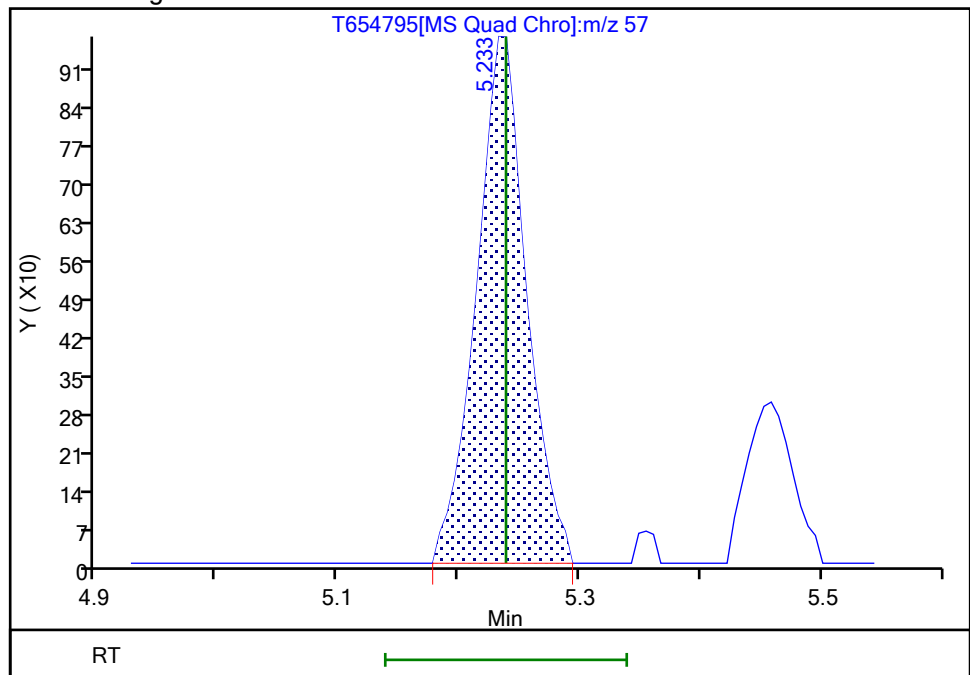
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.23

Area: 2780

Amount: 0.505215

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:37:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

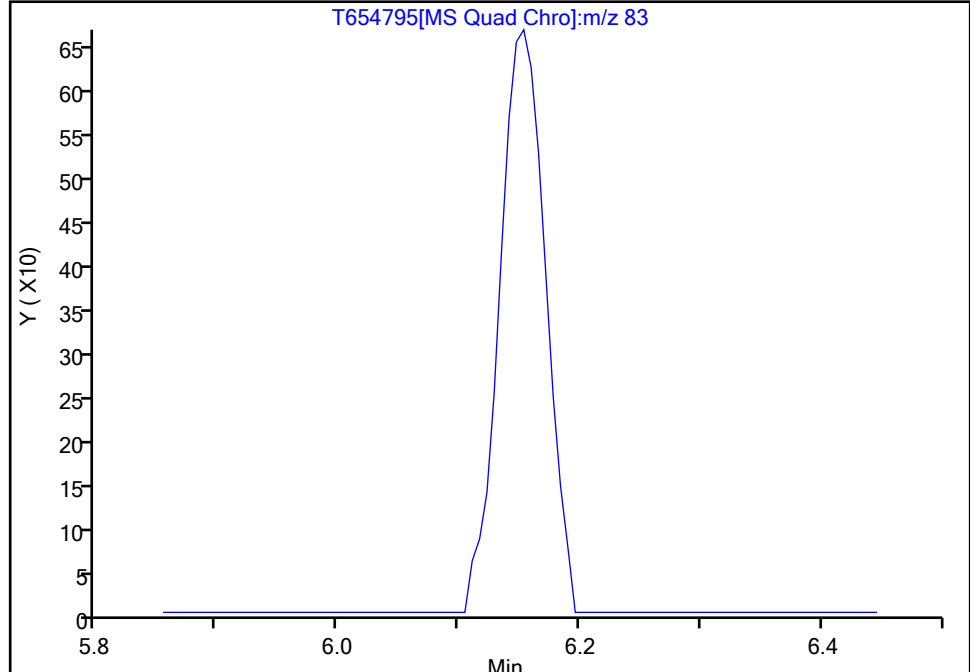
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

Expected RT: 6.15

Processing Integration Results



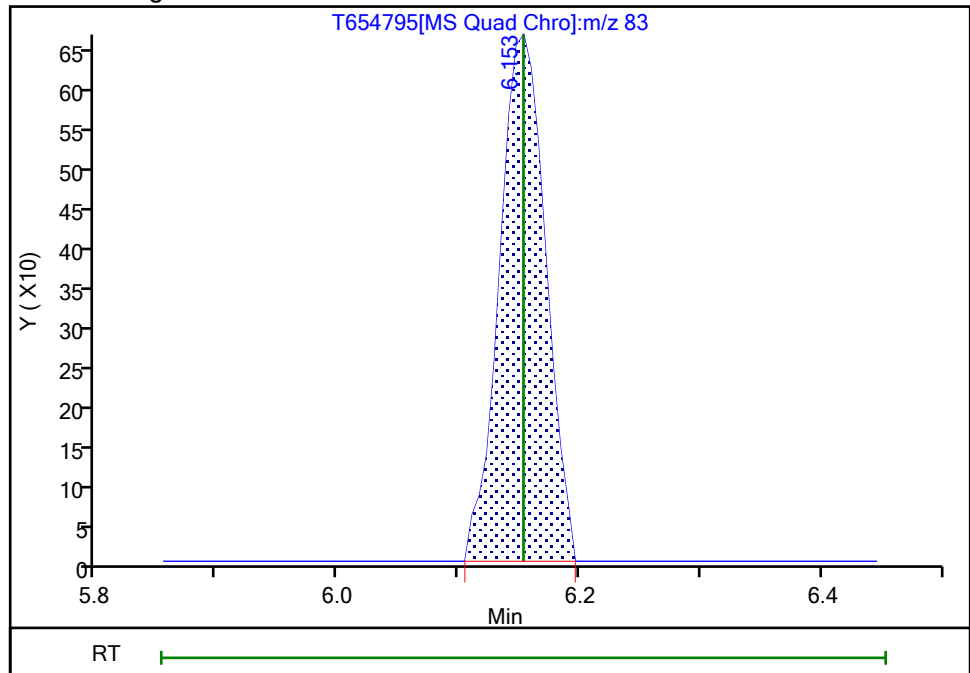
RT: 6.15

Area: 1768

Amount: 0.524378

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:37:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

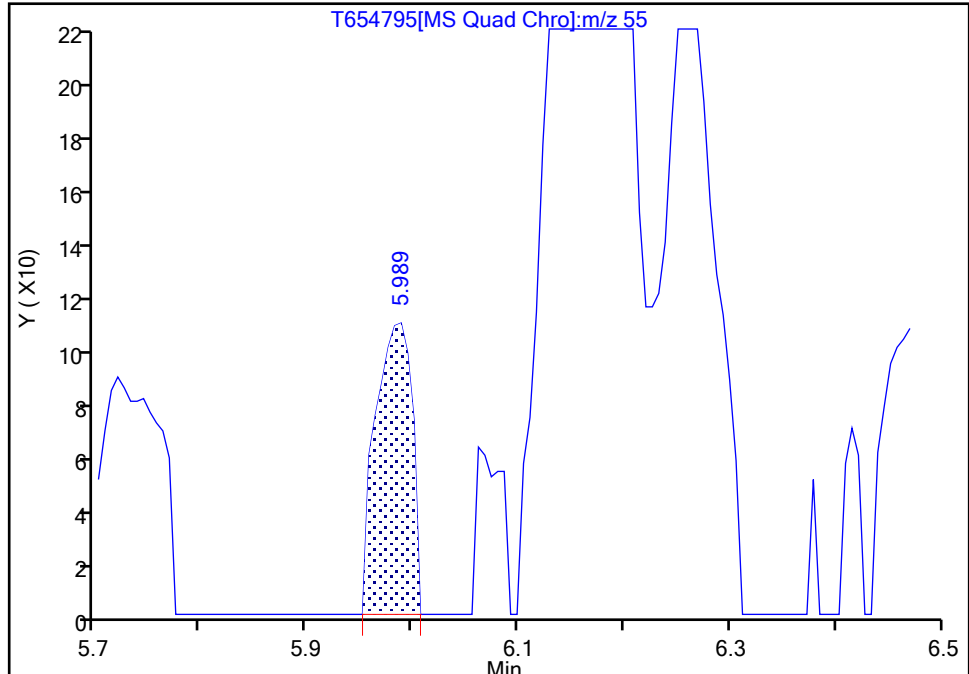
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

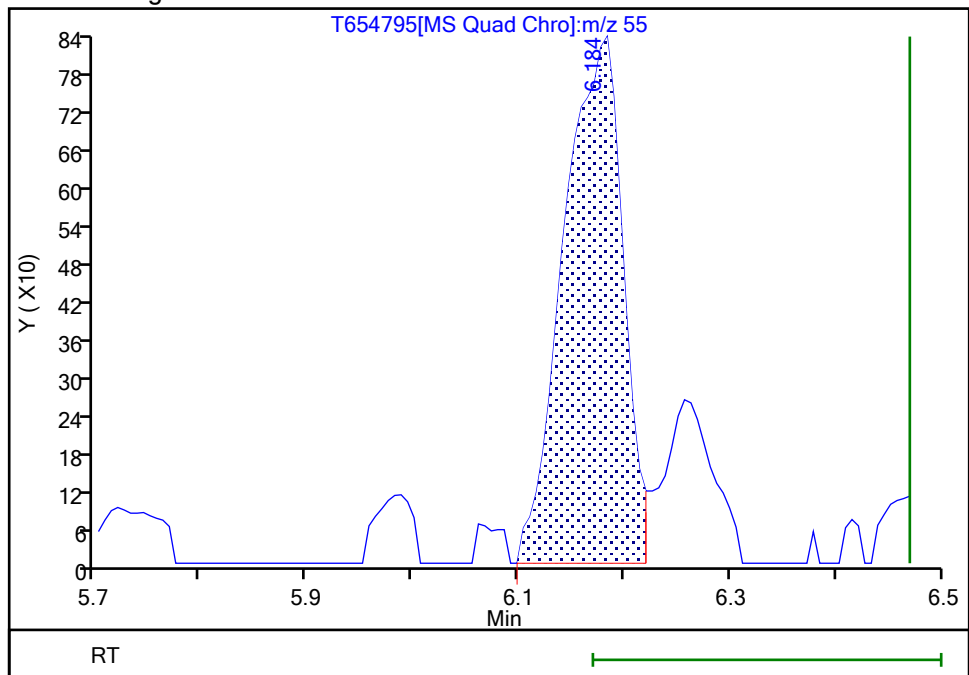
RT: 5.99
Area: 257
Amount: 0.058288
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 3249
Amount: 0.541055
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:37:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

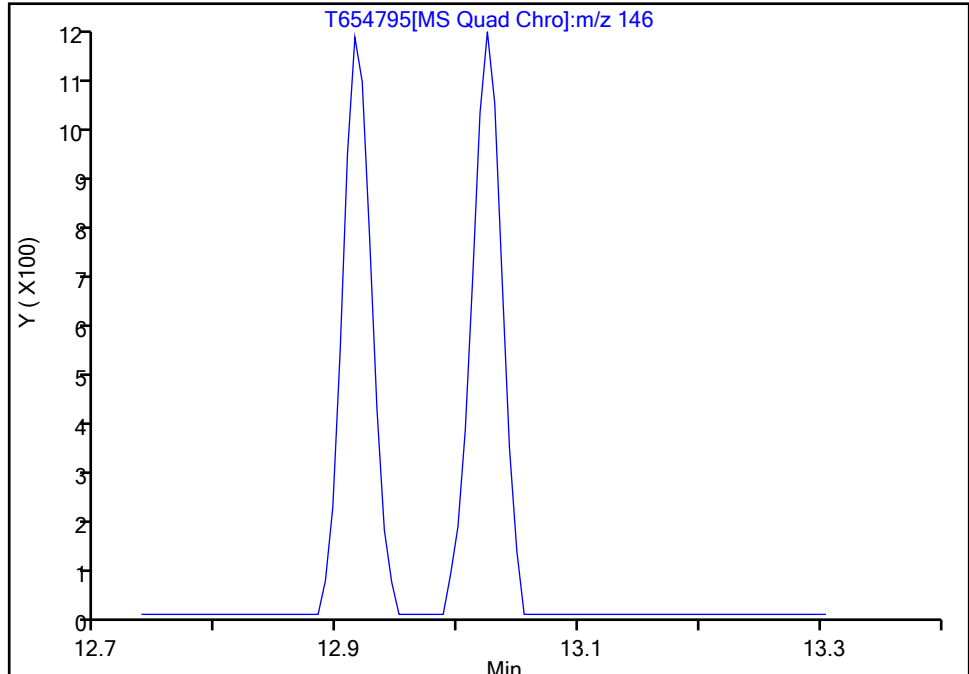
121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

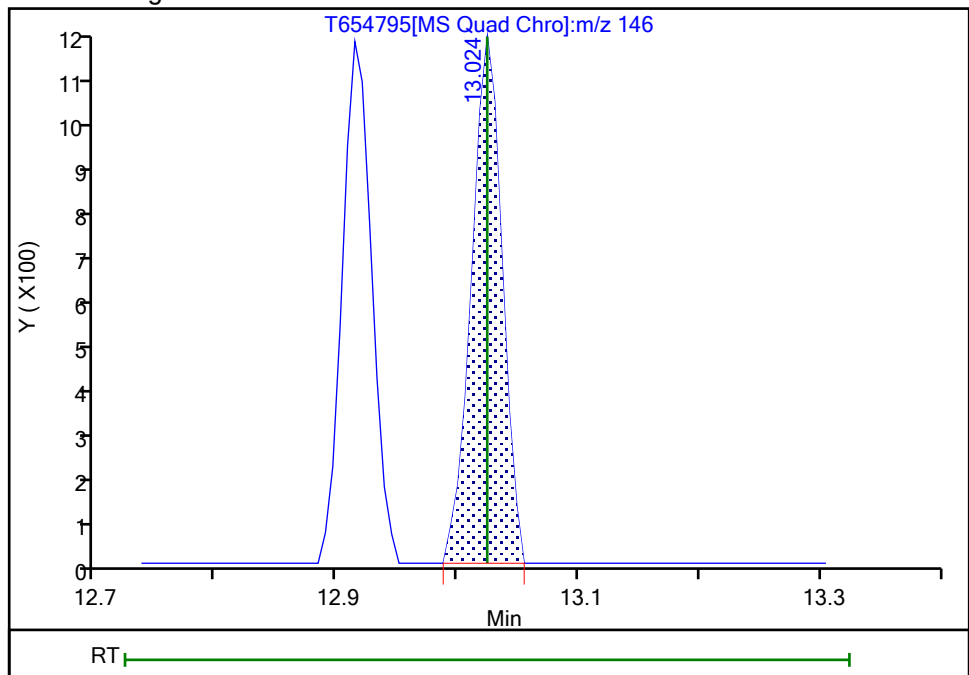
Not Detected

Expected RT: 13.02

Processing Integration Results



Manual Integration Results



RT: 13.02

Area: 2007

Amount: 0.500212

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:37:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

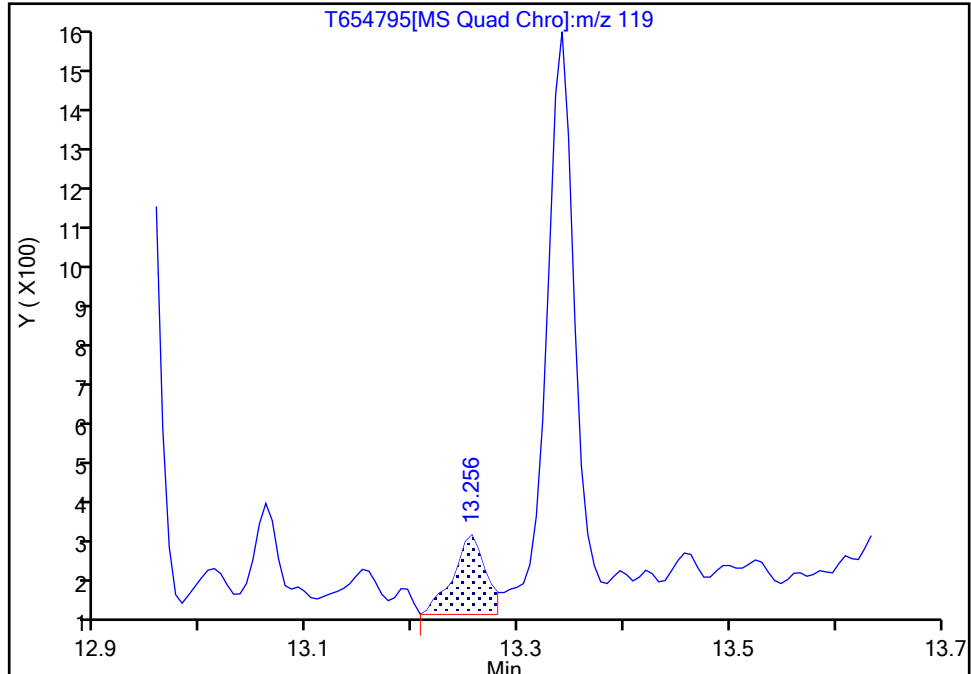
Detector: MS Quad

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

Signal: 1

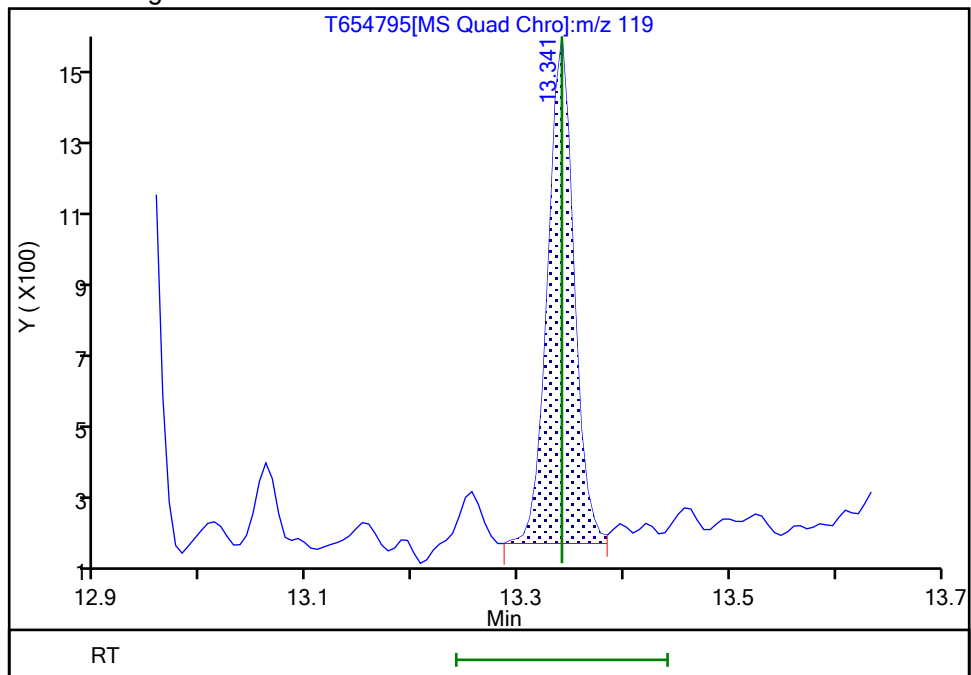
RT: 13.26
Area: 395
Amount: 0.105241
Amount Units: ug/l

Processing Integration Results



RT: 13.34
Area: 2253
Amount: 0.543147
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:38:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654795.D

Injection Date: 28-Oct-2022 07:52:23

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

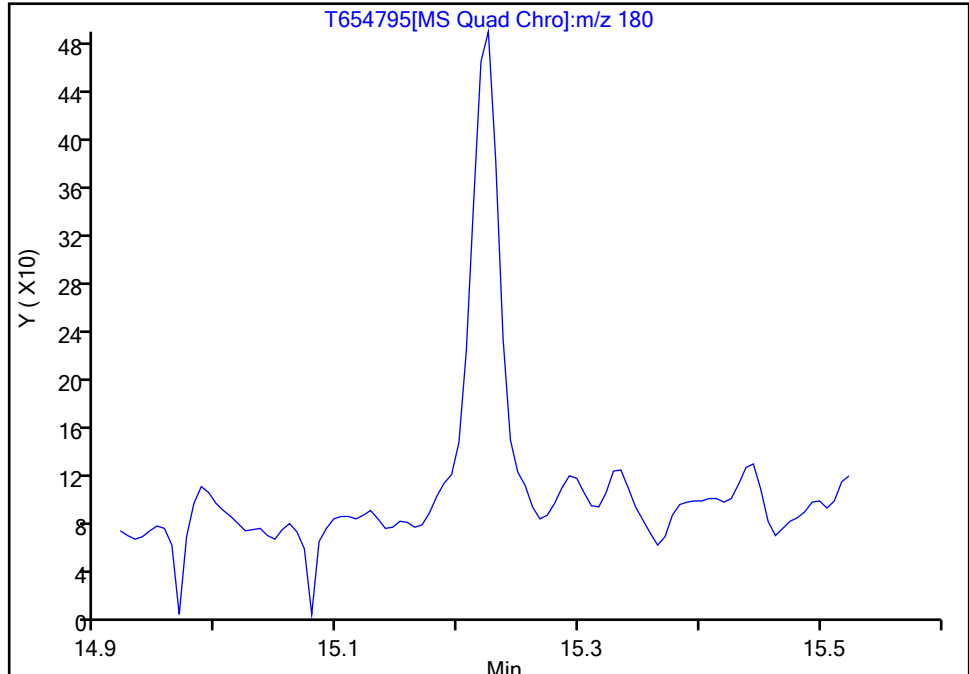
135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

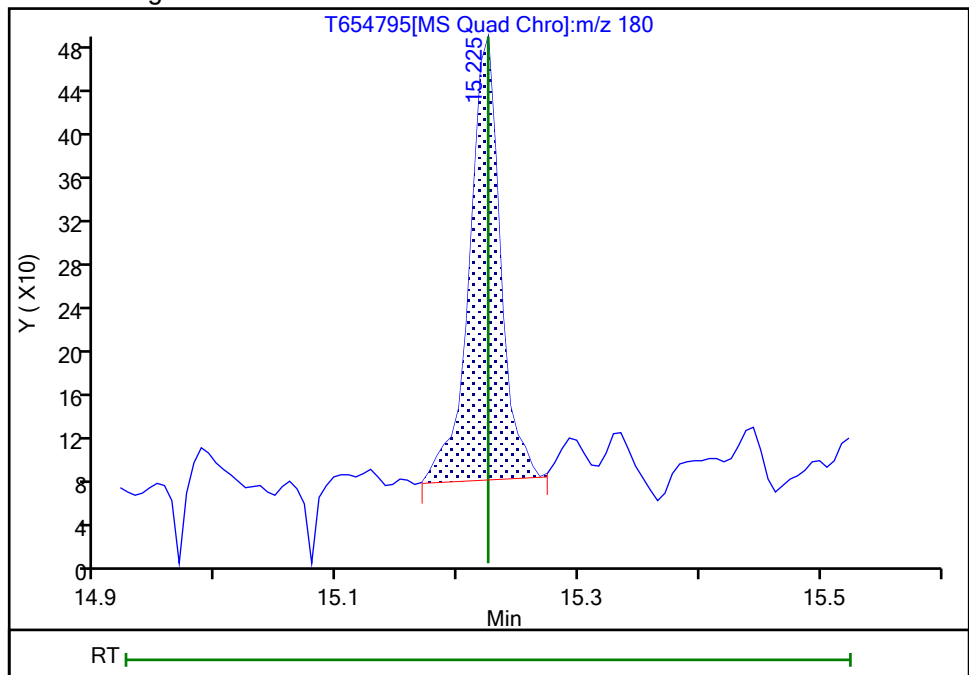
Not Detected

Expected RT: 15.22

Processing Integration Results



Manual Integration Results



RT: 15.22

Area: 730

Amount: 0.579627

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:38:36

Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 28-Oct-2022 08:13:45 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0152384-004
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:07 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:55:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	13	391	1.00	1.91	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	29	385	1.00	0.7685	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	86	1254	1.00	1.00	
4 Dichlorodifluoromethane	85	1.404	1.410	-0.006	82	2668	1.00	0.9458	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	66	453	1.00	0.8992	
6 Chloromethane	50	1.587	1.587	0.000	84	2851	1.00	0.8937	
7 Vinyl chloride	62	1.672	1.672	0.000	78	2829	1.00	0.8591	
8 Butadiene	54	1.697	1.697	0.000	95	3223	1.00	0.9388	
9 Bromomethane	94	1.965	1.959	0.006	30	596	1.00	1.06	M
10 Chloroethane	64	2.050	2.050	0.000	89	2044	1.00	0.9190	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	87	4609	1.00	0.9064	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	60	3164	1.00	0.9071	
13 Pentane	72	2.282	2.282	0.000	94	897	2.00	1.93	
14 Ethanol	46	2.441	2.447	-0.006	90	717	40.0	44.2	
15 Ethyl ether	59	2.489	2.489	0.000	80	2043	1.00	0.9255	
17 2-Methyl-1,3-butadiene	53	2.501	2.508	-0.007	92	2357	1.00	0.9404	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.532	2.538	-0.006	74	1806	1.00	0.9784	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	77	3309	1.00	0.9436	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	78	2037	1.00	0.9481	
19 Acrolein	56	2.666	2.666	0.000	92	1689	4.00	3.97	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	86	2179	1.00	0.9593	
22 Acetone	43	2.800	2.800	0.000	77	4683	5.00	4.10	
23 Iodomethane	142	2.855	2.855	0.000	14	426	1.00	0.1932	
24 Carbon disulfide	76	2.886	2.886	0.000	98	7591	1.00	0.9451	
25 Isopropyl alcohol	45	2.886	2.886	0.000	29	2316	10.0	9.32	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	81	1616	1.00	1.02	
29 Cyclopentene	67	3.056	3.056	0.000	84	5370	1.00	0.9156	
28 Methyl acetate	43	3.056	3.056	0.000	79	3591	2.00	1.80	
26 Acetonitrile	41	3.117	3.117	0.000	92	2875	10.0	8.46	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	99	49329	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	25	2548	1.00	0.9143	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	75	3057	10.0	10.1	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	94	6121	1.00	0.8682	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	87	2751	1.00	1.01	
33 Acrylonitrile	53	3.459	3.465	-0.006	94	9280	10.0	9.28	
36 Hexane	57	3.544	3.550	-0.006	90	2743	1.00	0.9041	
40 Isopropyl ether	45	3.782	3.782	0.000	93	7386	1.00	0.8552	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	88	4738	1.00	0.9062	
38 Vinyl acetate	86	3.837	3.837	0.000	98	1014	2.00	1.78	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	86	1913	1.00	0.8232	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	87	6326	1.00	0.8170	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	40	951	1.00	1.01	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	70	359791	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	28	2962	1.00	0.9602	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	93	1304	5.00	4.16	
47 Ethyl acetate	70	4.428	4.428	0.000	94	597	2.00	2.00	
48 Methyl acrylate	55	4.483	4.489	-0.006	84	2116	1.00	0.8759	
46 Propionitrile	54	4.574	4.574	0.000	93	3715	10.0	8.91	
49 Chlorobromomethane	128	4.647	4.647	0.000	84	1058	1.00	0.9012	
51 Tetrahydrofuran	72	4.647	4.647	0.000	73	661	2.00	1.87	
50 Methacrylonitrile	67	4.684	4.690	-0.006	92	9415	10.0	8.50	
52 Chloroform	83	4.708	4.708	0.000	79	4347	1.00	0.8768	
55 Cyclohexane	84	4.843	4.843	0.000	92	3226	1.00	0.9205	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	27	3536	1.00	0.8956	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	94	134903	50.0	51.9	
56 Carbon tetrachloride	117	4.995	5.001	-0.006	78	2823	1.00	0.8761	
57 1,1-Dichloropropene	75	5.038	5.044	-0.006	87	3582	1.00	0.9411	
59 Isobutyl alcohol	43	5.202	5.202	0.000	86	3318	25.0	20.1	
62 Isooctane	57	5.239	5.239	0.000	89	4905	1.00	0.8819	a
60 Benzene	78	5.269	5.269	0.000	48	9990	1.00	0.9003	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.294	-0.006	91	173491	50.0	50.7	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	70	5908	1.00	0.8132	
63 Isopropyl acetate	61	5.361	5.367	-0.006	91	1317	1.00	0.8850	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	85	3668	1.00	0.9467	
66 n-Heptane	43	5.452	5.458	-0.006	81	2373	1.00	0.9467	
* 65 Fluorobenzene	96	5.605	5.605	0.000	98	516331	50.0	50.0	
68 n-Butanol	56	5.983	5.983	0.000	87	1717	25.0	21.3	
67 Trichloroethene	95	6.013	6.013	0.000	78	2394	1.00	0.8804	
70 Methylcyclohexane	83	6.153	6.153	0.000	81	3064	1.00	0.8991	
71 1,2-Dichloropropane	63	6.354	6.361	-0.007	78	2724	1.00	0.9246	
* 73 1,4-Dioxane-d8	96	6.428	6.434	-0.006	1	33827	1000.0	1000.0	
69 Ethyl acrylate	55	6.184	6.470	-0.286	86	5439	1.00	0.8961	M
75 Methyl methacrylate	100	6.470	6.470	0.000	86	1040	2.00	1.69	
74 1,4-Dioxane	88	6.495	6.501	-0.006	72	1285	50.0	40.2	
72 Dibromomethane	93	6.501	6.507	-0.006	78	1494	1.00	0.9162	
76 n-Propyl acetate	43	6.543	6.543	0.000	92	3384	1.00	0.9011	
77 Dichlorobromomethane	83	6.690	6.690	0.000	83	3165	1.00	0.8606	
78 2-Nitropropane	41	7.104	7.104	0.000	78	1759	2.00	2.10	
79 2-Chloroethyl vinyl ether	106	7.110	7.117	-0.007	48	224	1.00	0.7992	
80 Epichlorohydrin	57	7.232	7.233	-0.001	91	4645	20.0	17.5	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	77	4029	1.00	0.8596	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	95	9638	5.00	4.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	98	482760	50.0	49.4	
84 Toluene	91	7.671	7.671	0.000	90	10213	1.00	0.9013	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	77	3719	1.00	0.8925	
86 Ethyl methacrylate	69	8.165	8.165	0.000	67	2586	1.00	0.8200	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	83	1812	1.00	0.9026	
88 Tetrachloroethene	166	8.397	8.397	0.000	76	1961	1.00	0.8715	
89 1,3-Dichloropropane	76	8.610	8.616	-0.006	80	3549	1.00	0.8846	
90 2-Hexanone	43	8.714	8.720	-0.006	95	7746	5.00	4.52	
93 n-Butyl acetate	43	8.866	8.866	0.000	87	3551	1.00	0.9003	
91 Chlorodibromomethane	129	8.878	8.884	-0.006	54	1922	1.00	0.8258	
92 Ethylene Dibromide	107	9.061	9.061	0.000	61	1910	1.00	0.8557	
* 94 Chlorobenzene-d5	117	9.732	9.738	-0.006	88	360507	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	80	5681	1.00	0.8720	
97 Ethylbenzene	106	9.915	9.921	-0.006	97	3223	1.00	0.9089	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	30	1808	1.00	0.8112	
98 m-Xylene & p-Xylene	106	10.116	10.122	-0.006	99	3641	1.00	0.8426	
99 o-Xylene	106	10.756	10.762	-0.006	89	3623	1.00	0.8706	
101 n-Butyl acrylate	73	10.787	10.787	0.000	87	2132	1.00	0.9757	
100 Styrene	104	10.805	10.811	-0.006	90	5804	1.00	0.8369	
102 Bromoform	173	11.122	11.122	0.000	61	1154	1.00	0.8569	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	82	4107	1.00	0.9120	
104 Isopropylbenzene	105	11.335	11.341	-0.006	94	9318	1.00	0.9086	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	83	123904	50.0	50.6	
106 Bromobenzene	156	11.786	11.786	0.000	89	2075	1.00	0.9149	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	75	2646	1.00	0.9230	
110 N-Propylbenzene	91	11.914	11.914	0.000	96	10704	1.00	0.8791	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	73	748	1.00	0.9659	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	67	844	1.00	0.9229	
111 2-Chlorotoluene	91	12.036	12.042	-0.006	90	7425	1.00	0.9000	
112 4-Ethyltoluene	105	12.073	12.073	0.000	93	8492	1.00	0.8823	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	88	7002	1.00	0.9094	
113 4-Chlorotoluene	91	12.189	12.189	0.000	93	7394	1.00	0.8909	
115 Butyl Methacrylate	87	12.323	12.323	0.000	90	2474	1.00	0.8258	
116 tert-Butylbenzene	119	12.524	12.530	-0.006	81	5578	1.00	0.8968	
117 1,2,4-Trimethylbenzene	105	12.597	12.603	-0.006	93	7101	1.00	0.8889	
118 sec-Butylbenzene	105	12.774	12.780	-0.006	94	9102	1.00	0.9729	
119 1,3-Dichlorobenzene	146	12.914	12.920	-0.006	83	3377	1.00	0.8602	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	88	6496	1.00	0.8919	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	98	164508	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	44	3705	1.00	0.9107	a
123 1,2,3-Trimethylbenzene	105	13.061	13.061	0.000	95	6556	1.00	0.8596	
124 Benzyl chloride	91	13.189	13.195	-0.006	93	4455	1.00	0.8867	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	86	6525	1.00	0.8833	
127 p-Diethylbenzene	119	13.341	13.341	0.000	80	3656	1.00	0.8692	
128 n-Butylbenzene	92	13.359	13.365	-0.006	92	3662	1.00	0.9104	
126 1,2-Dichlorobenzene	146	13.402	13.408	-0.006	70	3208	1.00	0.8782	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	69	4723	1.00	0.8287	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	33	544	1.00	1.11	
131 1,3,5-Trichlorobenzene	180	14.286	14.292	-0.006	44	1883	1.00	0.9531	
132 1,2,4-Trichlorobenzene	180	14.828	14.829	-0.001	23	1549	1.00	0.8981	
133 Hexachlorobutadiene	225	14.926	14.926	0.000	31	616	1.00	0.9518	
134 Naphthalene	128	15.030	15.036	-0.006	47	4785	1.00	0.9801	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	28	1202	1.00	0.9412	a
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.97	
S 137 Xylenes, Total	100				0		2.00	1.71	
S 140 Total BTEX	1				0		5.00	4.42	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.75	
S 138 Total 1,2-dichloroethene	1				0			1.97	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00161	Amount Added: 10.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
524freon_00059	Amount Added: 10.00	Units: uL	
GASES Li_00499	Amount Added: 10.00	Units: uL	
14DIOXINTER_00147	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 4

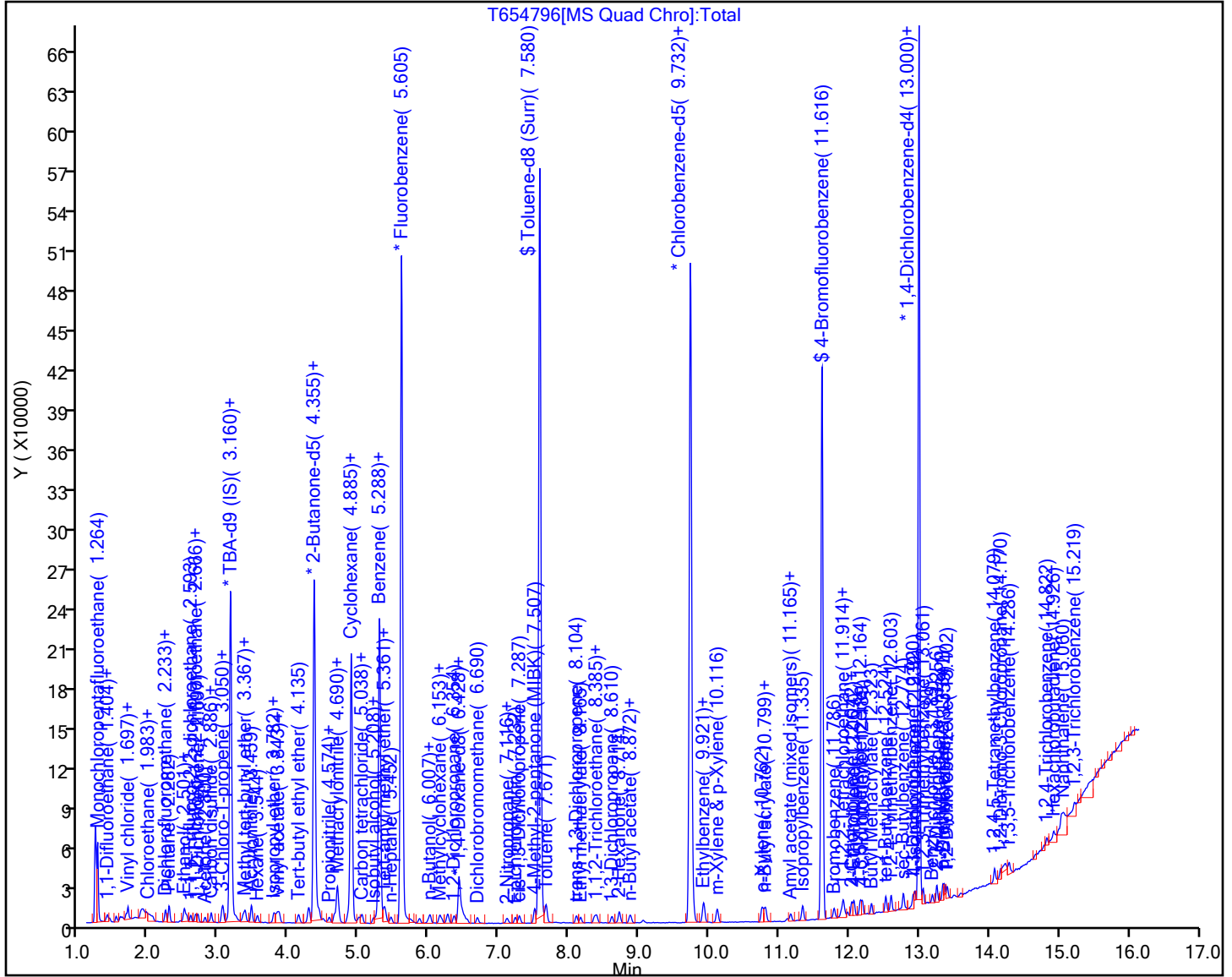
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

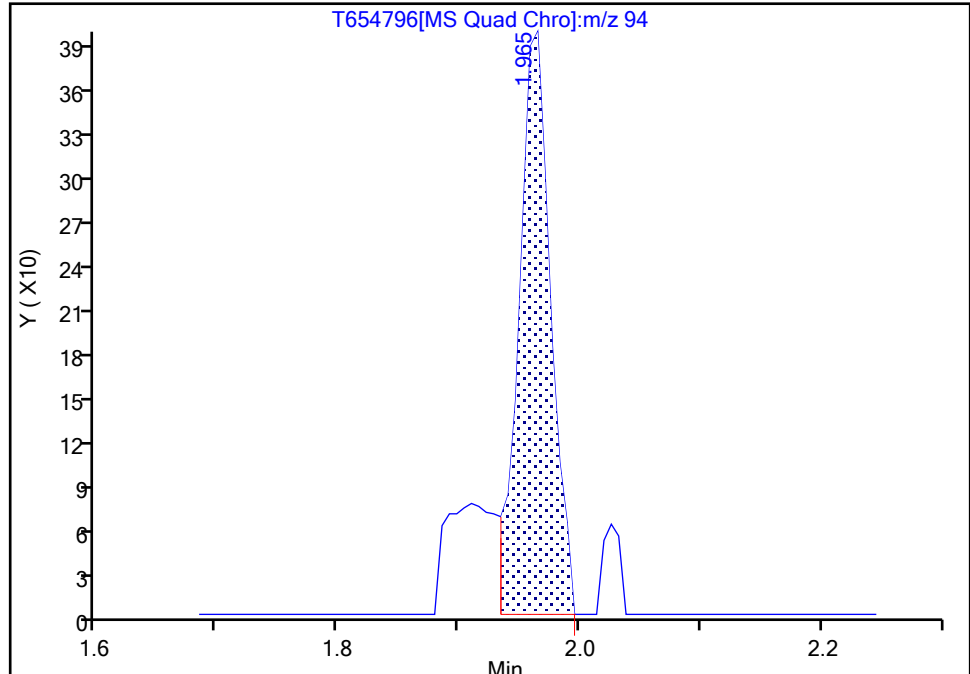
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

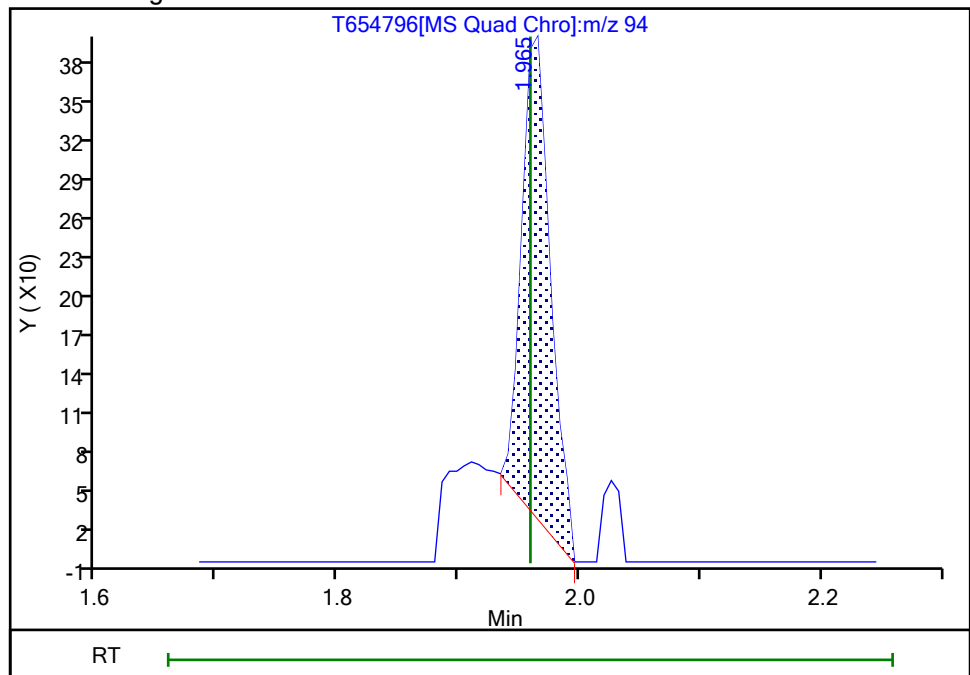
RT: 1.96
Area: 725
Amount: 0.847193
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 596
Amount: 1.058461
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 13:30:16

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

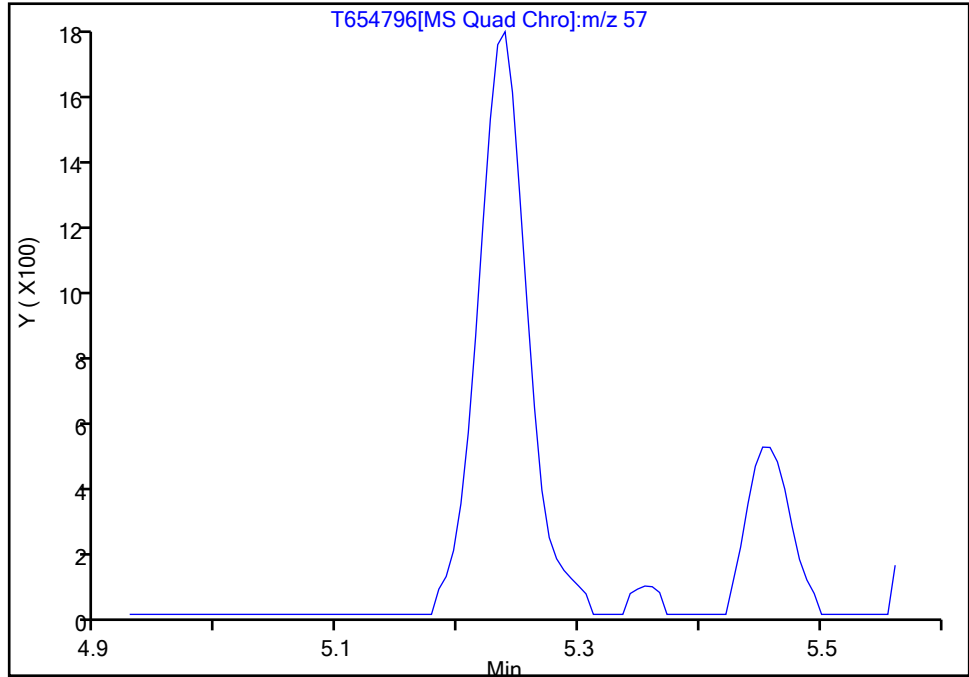
62 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

Expected RT: 5.24

Processing Integration Results



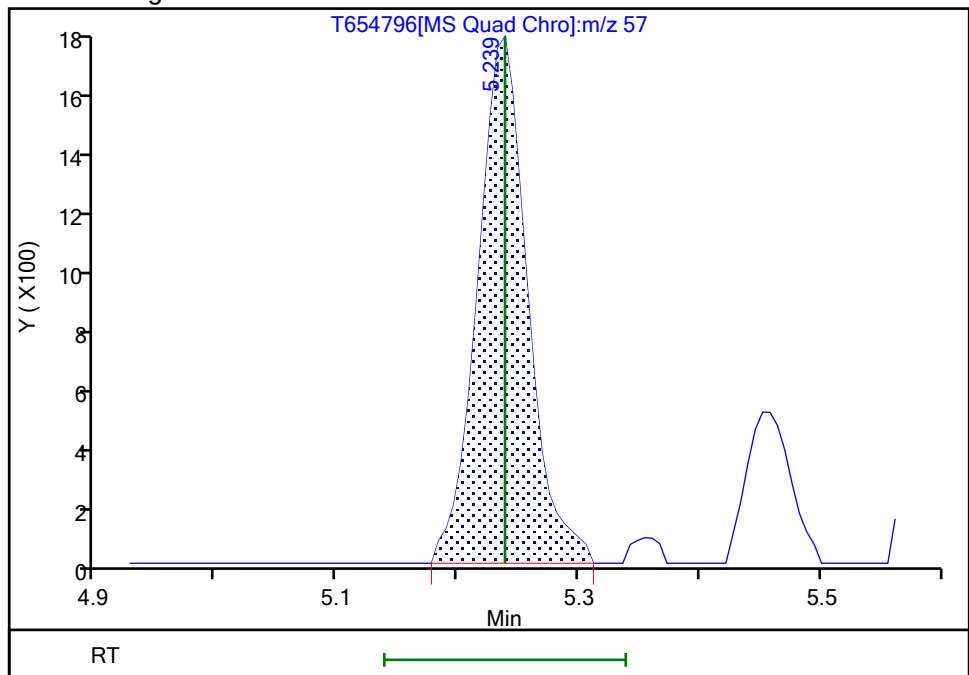
RT: 5.24

Area: 4905

Amount: 0.881886

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:35:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

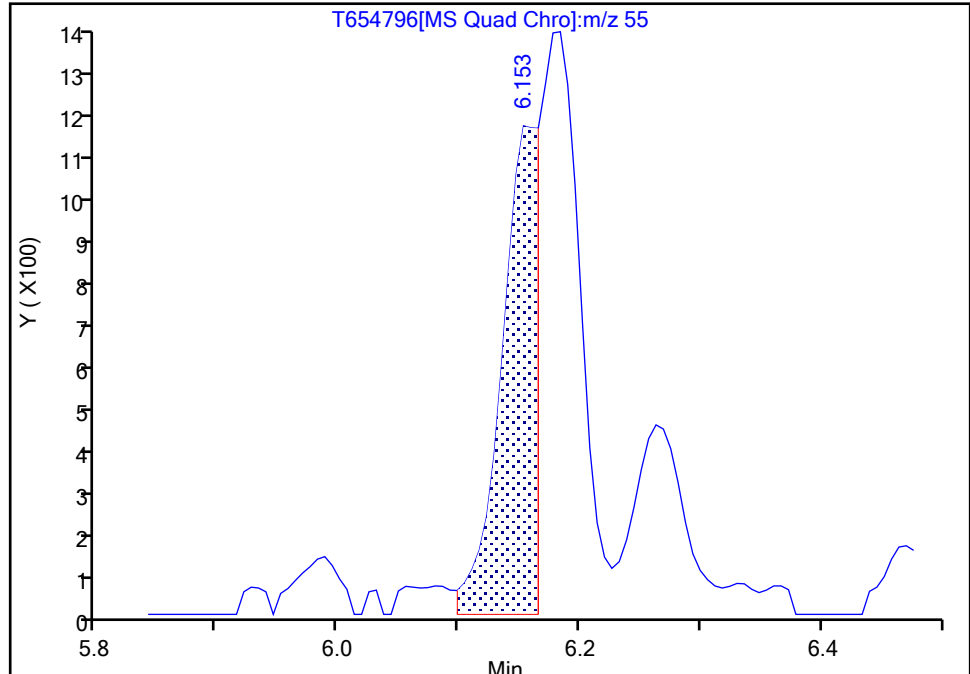
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

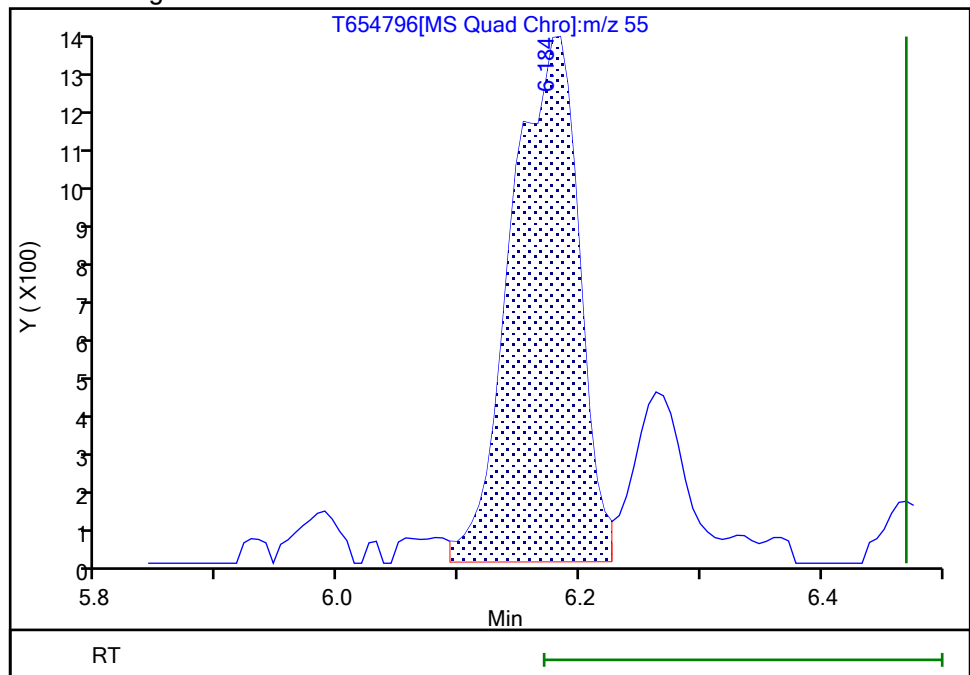
RT: 6.15
Area: 2554
Amount: 0.631465
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 5439
Amount: 0.896091
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:35:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

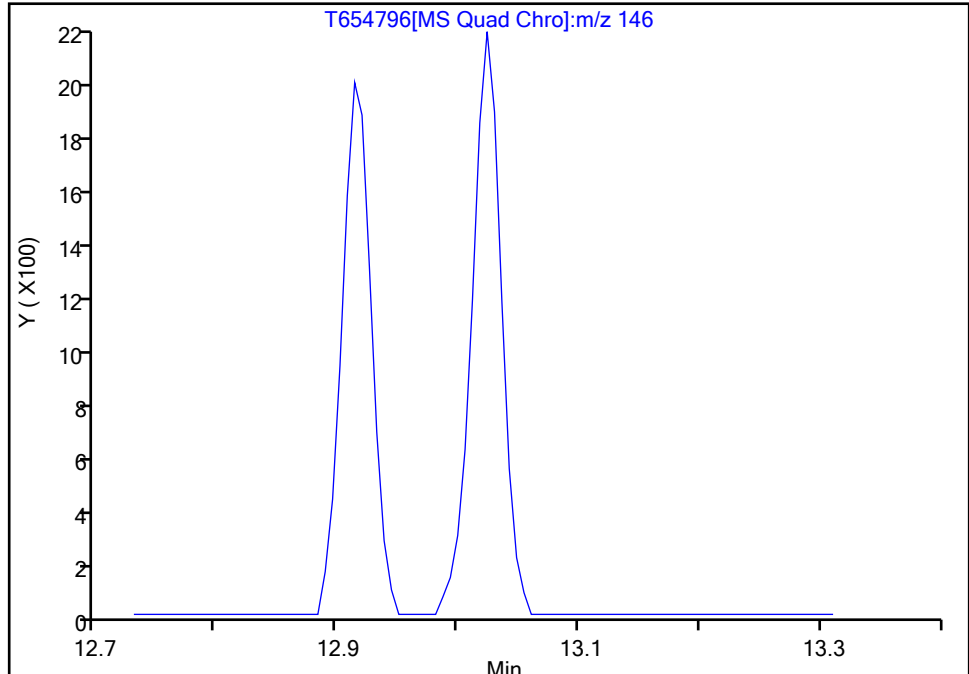
121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

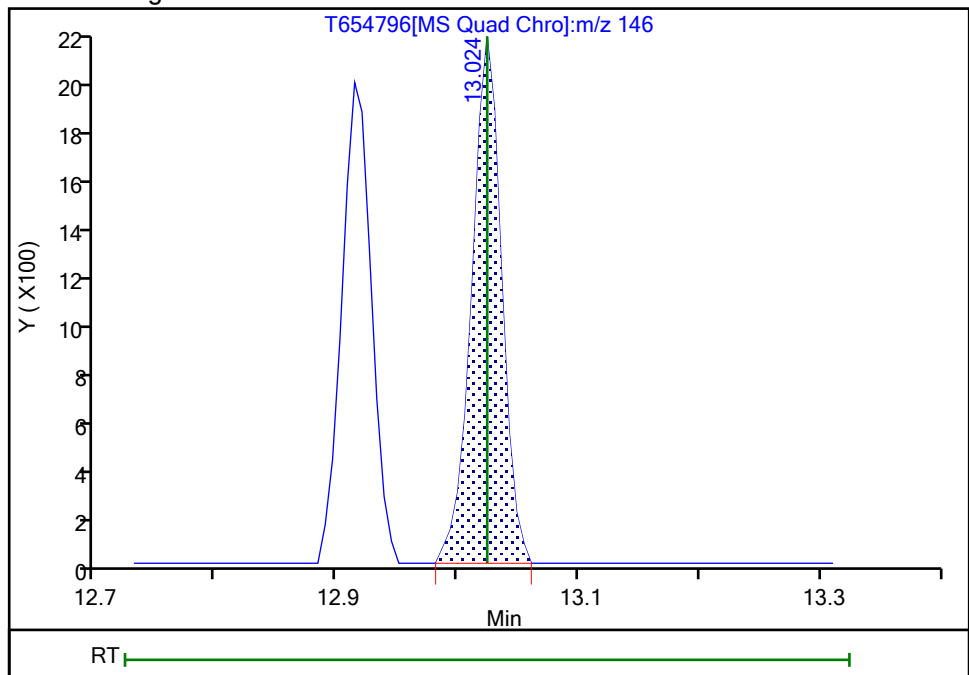
Not Detected

Expected RT: 13.02

Processing Integration Results



Manual Integration Results



RT: 13.02

Area: 3705

Amount: 0.910652

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:36:11

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654796.D

Injection Date: 28-Oct-2022 08:13:45

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

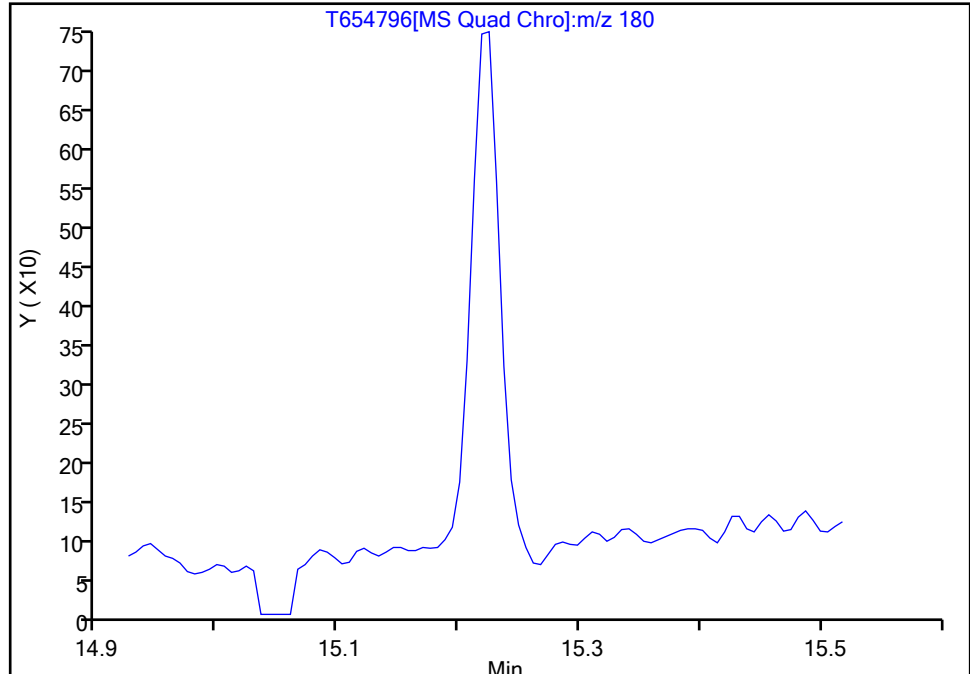
135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

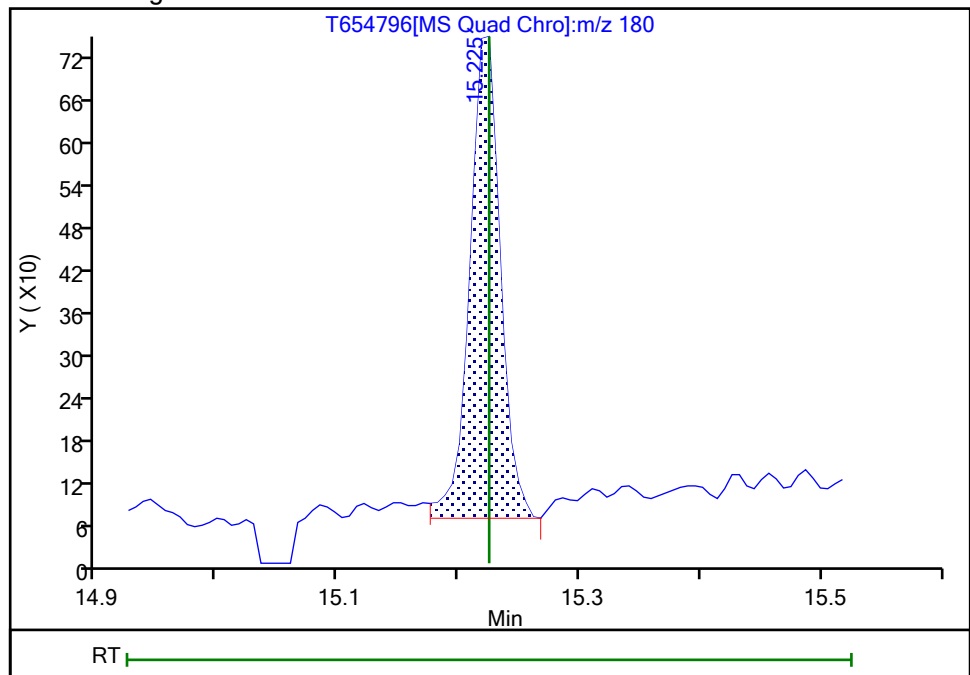
Not Detected

Expected RT: 15.22

Processing Integration Results



Manual Integration Results



RT: 15.22

Area: 1202

Amount: 0.941212

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:36:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654797.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 28-Oct-2022 08:35:11 ALS Bottle#: 0 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0152384-005
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:12 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:53:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	34	1983	5.00	9.48	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	70	2739	5.00	5.36	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	7471	5.00	5.83	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	15293	5.00	5.32	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	2937	5.00	5.72	
6 Chloromethane	50	1.587	1.587	0.000	88	15154	5.00	4.66	
7 Vinyl chloride	62	1.672	1.672	0.000	84	18213	5.00	5.42	
8 Butadiene	54	1.697	1.697	0.000	96	18623	5.00	5.32	
9 Bromomethane	94	1.959	1.959	0.000	93	3511	5.00	6.09	M
10 Chloroethane	64	2.050	2.050	0.000	100	10659	5.00	4.68	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	28047	5.00	5.41	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	66	19131	5.00	5.38	
13 Pentane	72	2.282	2.282	0.000	96	5578	10.0	11.8	
14 Ethanol	46	2.440	2.447	-0.007	98	3458	200.0	209.3	
15 Ethyl ether	59	2.489	2.489	0.000	91	12484	5.00	5.55	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	98	14192	5.00	5.55	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.532	2.538	-0.006	89	10356	5.00	5.50	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.593	2.593	0.000	90	20182	5.00	5.64	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.660	2.660	0.000	90	12704	5.00	5.80	
19 Acrolein	56	2.666	2.666	0.000	97	9652	20.0	22.3	
20 1,1-Dichloroethene	96	2.696	2.697	-0.001	87	12535	5.00	5.41	
22 Acetone	43	2.794	2.800	-0.006	86	22884	25.0	27.3	
23 Iodomethane	142	2.855	2.855	0.000	95	6224	5.00	2.77	
24 Carbon disulfide	76	2.885	2.886	-0.001	100	45917	5.00	5.61	
25 Isopropyl alcohol	45	2.885	2.886	-0.001	37	10436	50.0	53.2	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	84	9212	5.00	5.69	
29 Cyclopentene	67	3.056	3.056	0.000	90	32151	5.00	5.38	
28 Methyl acetate	43	3.056	3.056	0.000	79	22855	10.0	11.2	
26 Acetonitrile	41	3.111	3.117	-0.006	97	19659	50.0	56.5	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	100	50269	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	33	15540	5.00	5.47	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	98	15725	50.0	50.9	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	38597	5.00	5.37	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	89	14242	5.00	5.15	
33 Acrylonitrile	53	3.459	3.465	-0.006	94	56791	50.0	55.7	
36 Hexane	57	3.544	3.550	-0.006	92	17535	5.00	5.67	
40 Isopropyl ether	45	3.782	3.782	0.000	96	46274	5.00	5.25	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	95	29397	5.00	5.51	
38 Vinyl acetate	86	3.837	3.837	0.000	99	5728	10.0	9.79	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	90	12692	5.00	5.36	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	88	42252	5.00	5.35	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	47	5519	5.00	5.75	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	79	368631	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	77	16631	5.00	5.29	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	96	8505	25.0	26.5	
47 Ethyl acetate	70	4.428	4.428	0.000	95	3122	10.0	10.2	
48 Methyl acrylate	55	4.483	4.489	-0.006	97	13194	5.00	5.36	
46 Propionitrile	54	4.574	4.574	0.000	98	22826	50.0	53.7	
49 Chlorobromomethane	128	4.647	4.647	0.000	93	6729	5.00	5.62	
51 Tetrahydrofuran	72	4.647	4.647	0.000	78	4095	10.0	11.3	
50 Methacrylonitrile	67	4.684	4.690	-0.006	93	61393	50.0	54.4	
52 Chloroform	83	4.708	4.708	0.000	91	26793	5.00	5.30	
55 Cyclohexane	84	4.842	4.843	-0.001	94	20402	5.00	5.71	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	54	22338	5.00	5.55	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	94	134303	50.0	50.6	
56 Carbon tetrachloride	117	4.995	5.001	-0.006	87	18294	5.00	5.57	
57 1,1-Dichloropropene	75	5.038	5.044	-0.006	92	21119	5.00	5.44	
59 Isobutyl alcohol	43	5.202	5.202	0.000	96	21226	125.0	126.4	
62 Isooctane	57	5.239	5.239	0.000	94	30673	5.00	5.41	a
60 Benzene	78	5.269	5.269	0.000	89	60001	5.00	5.37	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.287	5.294	-0.007	91	173829	50.0	49.8	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	74	38951	5.00	5.26	
63 Isopropyl acetate	61	5.361	5.367	-0.006	94	7851	5.00	5.17	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	89	20901	5.00	5.29	
66 n-Heptane	43	5.458	5.458	0.000	93	13805	5.00	5.40	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	98	526497	50.0	50.0	
68 n-Butanol	56	5.982	5.983	-0.001	90	10465	125.0	127.3	
67 Trichloroethene	95	6.013	6.013	0.000	90	15362	5.00	5.54	
70 Methylcyclohexane	83	6.153	6.153	0.000	92	19559	5.00	5.63	a
71 1,2-Dichloropropane	63	6.354	6.361	-0.007	87	15974	5.00	5.32	
* 73 1,4-Dioxane-d8	96	6.428	6.434	-0.006	1	33199	1000.0	1000.0	
69 Ethyl acrylate	55	6.178	6.470	-0.292	97	33389	5.00	5.39	a
75 Methyl methacrylate	100	6.470	6.470	0.000	89	6517	10.0	10.4	
74 1,4-Dioxane	88	6.495	6.501	-0.006	54	3391	100.0	108.1	
72 Dibromomethane	93	6.501	6.507	-0.006	89	9079	5.00	5.46	
76 n-Propyl acetate	43	6.543	6.543	0.000	97	19969	5.00	5.21	
77 Dichlorobromomethane	83	6.690	6.690	0.000	94	20290	5.00	5.41	
78 2-Nitropropane	41	7.104	7.104	0.000	89	8889	10.0	10.4	
79 2-Chloroethyl vinyl ether	106	7.110	7.117	-0.007	60	1510	5.01	5.28	
80 Epichlorohydrin	57	7.232	7.233	-0.001	98	28973	100.0	106.6	
81 cis-1,3-Dichloropropene	75	7.287	7.293	-0.006	91	25154	5.00	5.33	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	98	65274	25.0	26.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	98	489041	50.0	49.7	
84 Toluene	91	7.671	7.671	0.000	93	59331	5.00	5.20	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	95	22576	5.00	5.38	
86 Ethyl methacrylate	69	8.165	8.165	0.000	88	17066	5.00	5.37	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	90	11172	5.00	5.52	
88 Tetrachloroethene	166	8.397	8.397	0.000	85	12479	5.00	5.51	
89 1,3-Dichloropropane	76	8.610	8.616	-0.006	93	22436	5.00	5.55	
90 2-Hexanone	43	8.714	8.720	-0.006	97	47814	25.0	27.2	
93 n-Butyl acetate	43	8.866	8.866	0.000	98	22067	5.00	5.55	
91 Chlorodibromomethane	129	8.878	8.884	-0.006	78	12232	5.00	5.22	
92 Ethylene Dibromide	107	9.061	9.061	0.000	96	12211	5.00	5.43	
* 94 Chlorobenzene-d5	117	9.732	9.738	-0.006	89	363189	50.0	50.0	
95 Chlorobenzene	112	9.774	9.781	-0.007	90	34698	5.00	5.29	
97 Ethylbenzene	106	9.921	9.921	0.000	99	19049	5.00	5.33	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	44	11659	5.00	5.19	
98 m-Xylene & p-Xylene	106	10.116	10.122	-0.006	98	23484	5.00	5.39	
99 o-Xylene	106	10.756	10.762	-0.006	92	22804	5.00	5.44	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	95	11543	5.00	5.24	
100 Styrene	104	10.805	10.811	-0.006	91	37261	5.00	5.33	
102 Bromoform	173	11.116	11.122	-0.006	89	7060	5.00	5.20	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	89	25976	5.00	5.71	
104 Isopropylbenzene	105	11.335	11.341	-0.006	97	55760	5.00	5.40	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	83	123638	50.0	50.1	
106 Bromobenzene	156	11.786	11.786	0.000	91	12731	5.00	5.55	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	92	16073	5.00	5.55	
110 N-Propylbenzene	91	11.914	11.914	0.000	98	69345	5.00	5.63	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	93	4269	5.00	5.45	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	87	5147	5.00	5.57	
111 2-Chlorotoluene	91	12.036	12.042	-0.006	96	45968	5.00	5.51	
112 4-Ethyltoluene	105	12.073	12.073	0.000	97	53605	5.00	5.51	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	90	41787	5.00	5.37	
113 4-Chlorotoluene	91	12.189	12.189	0.000	99	45866	5.00	5.47	
115 Butyl Methacrylate	87	12.323	12.323	0.000	93	16004	5.00	5.28	
116 tert-Butylbenzene	119	12.524	12.530	-0.006	91	34372	5.00	5.47	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	43249	5.00	5.36	
118 sec-Butylbenzene	105	12.774	12.780	-0.006	98	52215	5.00	5.52	
119 1,3-Dichlorobenzene	146	12.914	12.920	-0.006	92	21625	5.00	5.45	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	90	40043	5.00	5.44	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	97	166314	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	81	22593	5.00	5.49	
123 1,2,3-Trimethylbenzene	105	13.060	13.061	-0.001	99	41703	5.00	5.41	
124 Benzyl chloride	91	13.188	13.195	-0.007	97	27678	5.00	5.45	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	89	40549	5.00	5.43	
127 p-Diethylbenzene	119	13.341	13.341	0.000	89	23544	5.00	5.54	
128 n-Butylbenzene	92	13.365	13.365	0.000	97	21501	5.00	5.29	
126 1,2-Dichlorobenzene	146	13.402	13.408	-0.006	91	19323	5.00	5.23	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	95	30109	5.00	5.23	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	46	2490	5.00	5.03	
131 1,3,5-Trichlorobenzene	180	14.286	14.292	-0.006	84	10330	5.00	5.17	
132 1,2,4-Trichlorobenzene	180	14.828	14.829	-0.001	59	8349	5.00	4.79	
133 Hexachlorobutadiene	225	14.920	14.926	-0.006	51	3192	5.00	4.88	
134 Naphthalene	128	15.036	15.036	0.000	90	26060	5.00	5.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	49	6575	5.00	5.09	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	10.8	
S 140 Total BTEX	1				0		25.0	26.7	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.7	
S 138 Total 1,2-dichloroethene	1				0			10.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

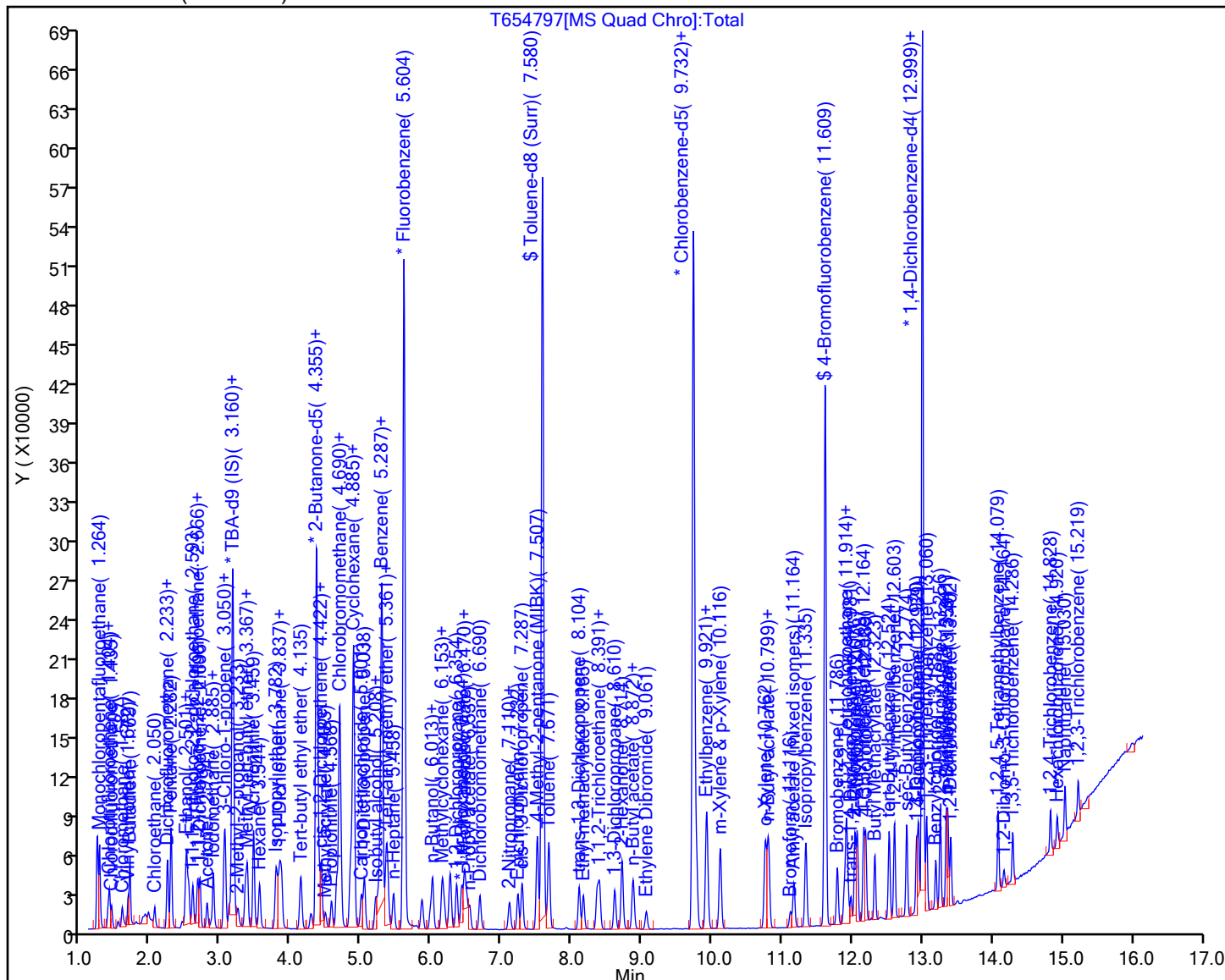
8260MIX1COMB_00161	Amount Added: 10.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
524freon_00059	Amount Added: 10.00	Units: uL	
GASES Li_00499	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Instrument ID: CVOAMS15

Worklist Smp#: 5

Limit Group: VOA - 8260D Water and Solid

T654797[MS Quad Chro]:Total



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654797.D

Injection Date: 28-Oct-2022 08:35:11

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

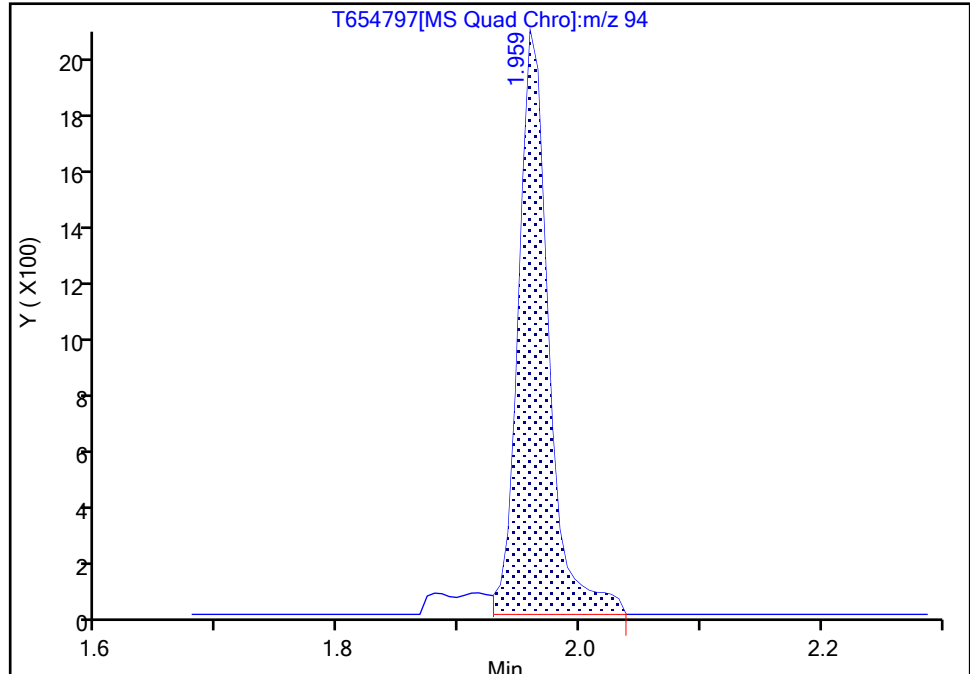
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

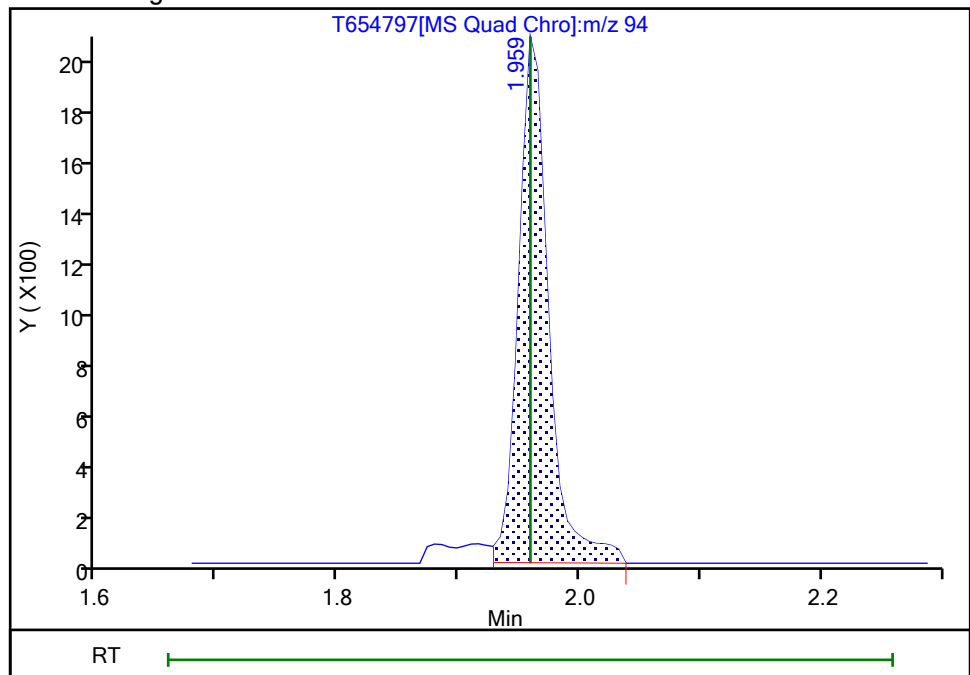
RT: 1.96
Area: 3521
Amount: 4.177561
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 3511
Amount: 6.085800
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 29-Oct-2022 06:14:37

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654797.D

Injection Date: 28-Oct-2022 08:35:11

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

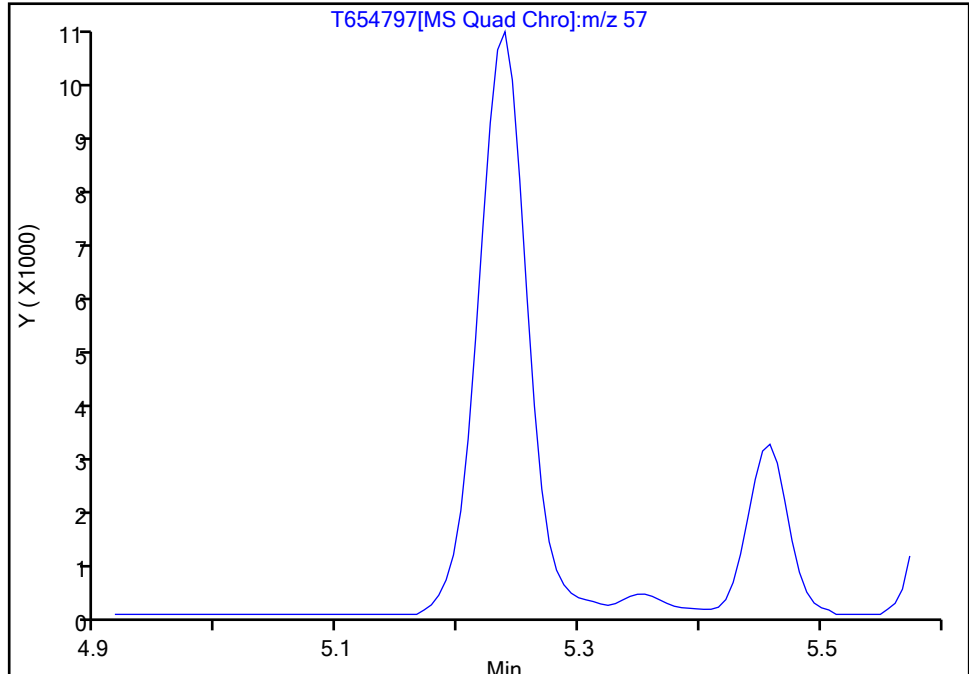
62 Isooctane, CAS: 540-84-1

Signal: 1

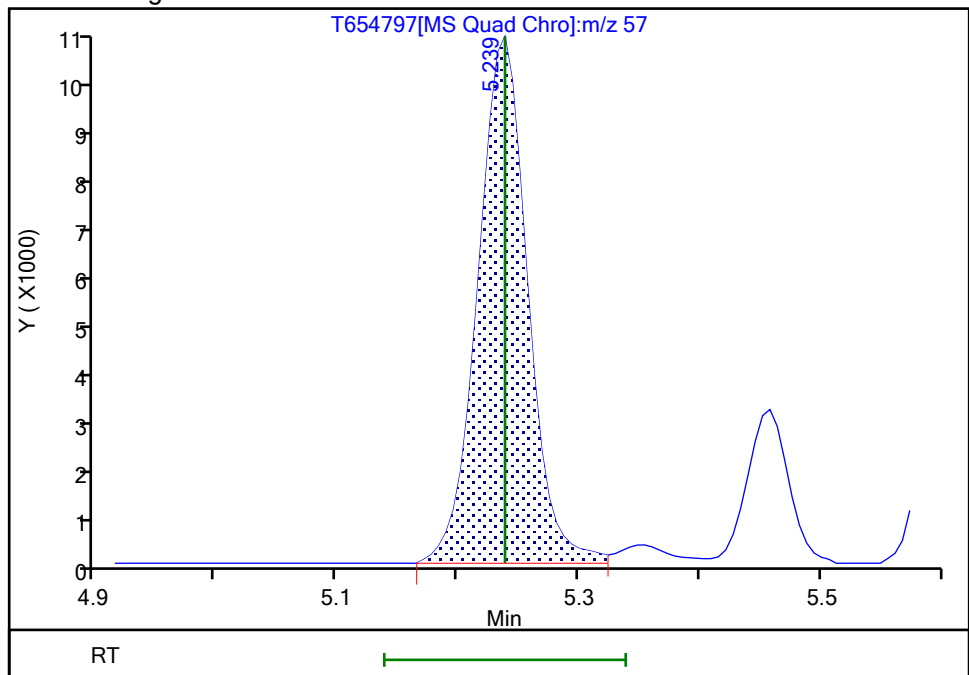
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.24

Area: 30673

Amount: 5.408313

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:34:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654797.D

Injection Date: 28-Oct-2022 08:35:11

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

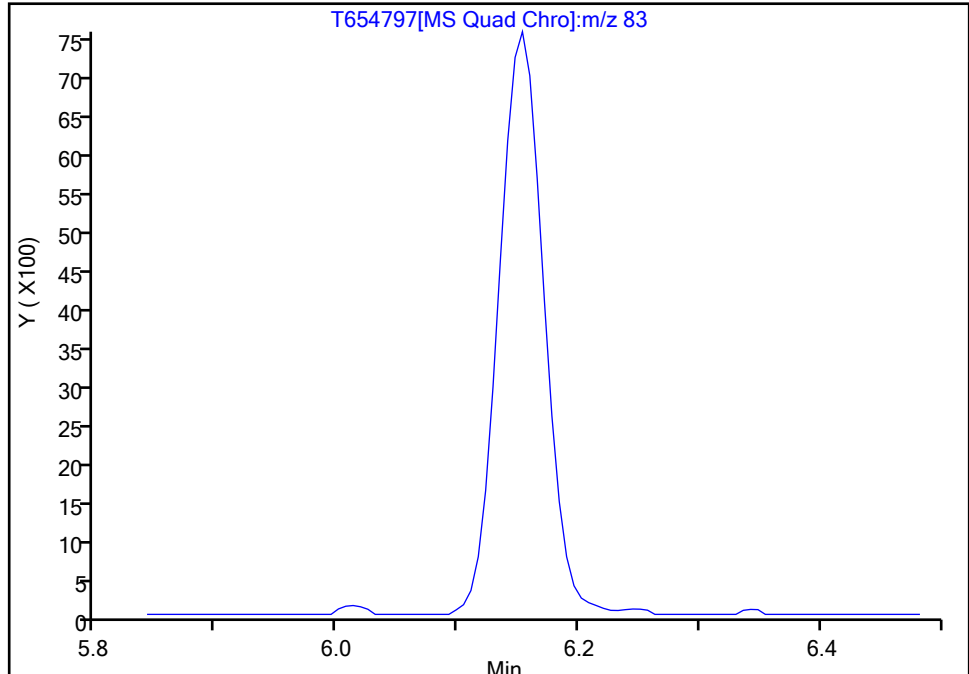
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

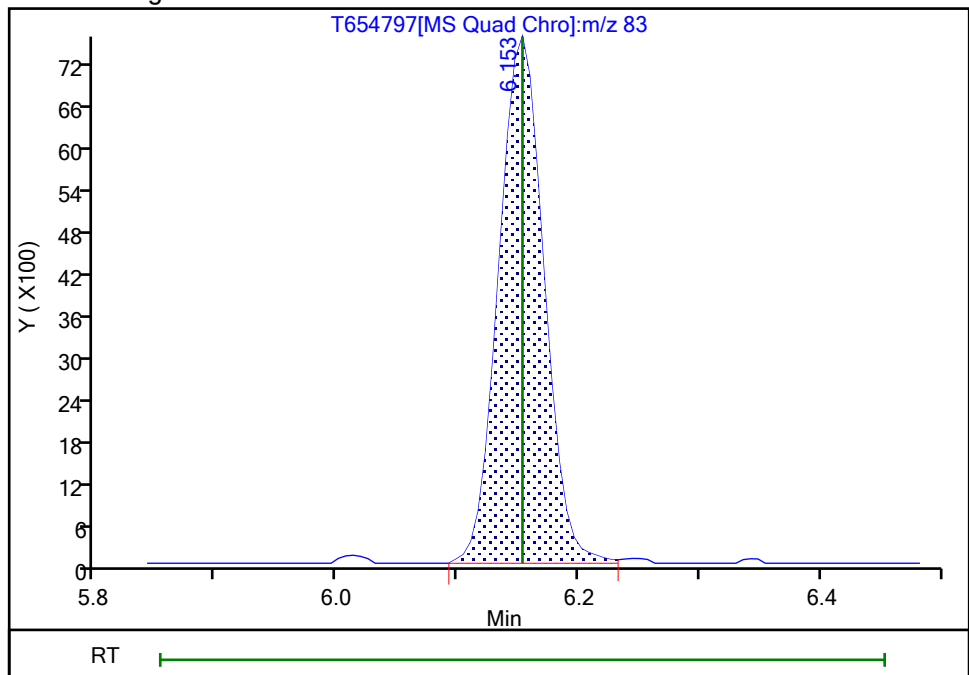
Not Detected

Expected RT: 6.15

Processing Integration Results



Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:34:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654797.D

Injection Date: 28-Oct-2022 08:35:11

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

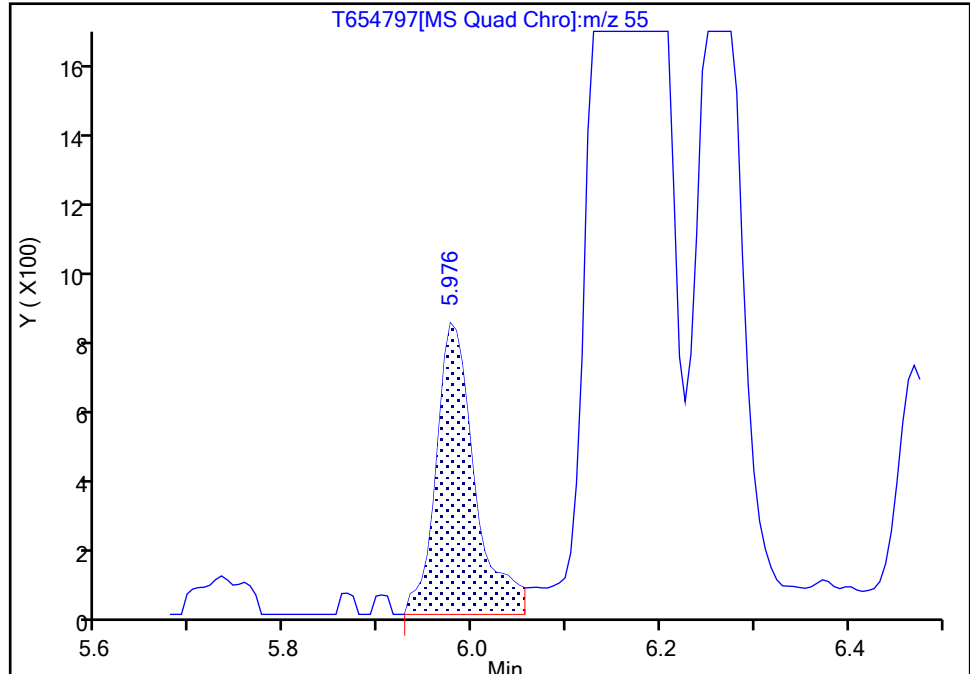
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

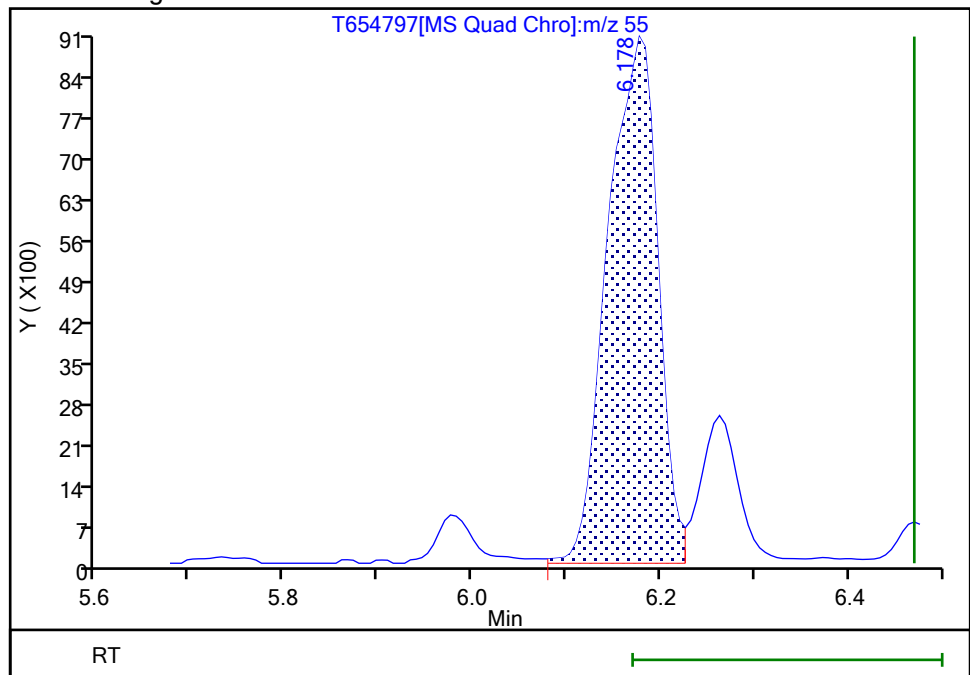
RT: 5.98
Area: 2362
Amount: 0.810116
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 33389
Amount: 5.394716
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:34:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654799.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 28-Oct-2022 09:18:13 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0152384-007
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:18 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:50:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	93	11209	50.0	50.6	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	72	20993	50.0	38.4	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	96	61547	50.0	45.4	
4 Dichlorodifluoromethane	85	1.404	1.410	-0.006	88	142358	50.0	46.8	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	80	23085	50.0	42.5	
6 Chloromethane	50	1.587	1.587	0.000	88	153111	50.0	44.5	
7 Vinyl chloride	62	1.672	1.672	0.000	99	175261	50.0	49.3	
8 Butadiene	54	1.697	1.697	0.000	97	170176	50.0	45.9	
9 Bromomethane	94	1.953	1.959	-0.006	98	24464	50.0	38.2	
10 Chloroethane	64	2.038	2.050	-0.012	98	112896	50.0	44.6	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	273571	50.0	49.8	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	69	186041	50.0	49.4	
13 Pentane	72	2.282	2.282	0.000	96	40186	100.0	80.0	
14 Ethanol	46	2.447	2.447	0.000	100	32682	2000.0	1831.2	a
15 Ethyl ether	59	2.489	2.489	0.000	89	118716	50.0	49.8	
17 2-Methyl-1,3-butadiene	53	2.501	2.508	-0.007	99	118829	50.0	43.9	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.532	2.538	-0.006	91	91493	50.0	45.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	91	175057	50.0	46.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	91	96851	50.0	41.8	
19 Acrolein	56	2.666	2.666	0.000	79	49396	100.0	105.5	
20 1,1-Dichloroethene	96	2.697	2.697	-0.001	87	110697	50.0	45.1	
22 Acetone	43	2.800	2.800	0.000	86	214316	250.0	245.9	
23 Iodomethane	142	2.855	2.855	0.000	100	102467	50.0	43.5	
24 Carbon disulfide	76	2.886	2.886	0.000	100	411199	50.0	47.4	
25 Isopropyl alcohol	45	2.892	2.886	0.006	40	96316	500.0	480.8	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	85	87938	50.0	51.3	
29 Cyclopentene	67	3.050	3.056	-0.006	85	274935	50.0	43.4	
28 Methyl acetate	43	3.056	3.056	0.000	92	228794	100.0	106.2	
26 Acetonitrile	41	3.117	3.117	0.000	98	191520	500.0	495.1	
* 31 TBA-d9 (IS)	66	3.166	3.160	0.006	96	54306	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	83	146591	50.0	48.7	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	99	158300	500.0	474.8	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	401471	50.0	52.8	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	89	138598	50.0	47.3	
33 Acrylonitrile	53	3.459	3.465	-0.006	94	565583	500.0	524.1	
36 Hexane	57	3.544	3.550	-0.006	93	138219	50.0	42.2	
40 Isopropyl ether	45	3.782	3.782	0.000	96	487494	50.0	52.3	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	95	278510	50.0	49.3	
38 Vinyl acetate	86	3.837	3.837	0.000	100	61263	100.0	94.3	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	90	119807	50.0	47.8	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	88	450791	50.0	53.9	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	74	47634	50.0	46.8	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	88	409568	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	89	154375	50.0	46.4	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	96	90673	250.0	254.2	
47 Ethyl acetate	70	4.428	4.428	0.000	95	33659	100.0	99.0	
48 Methyl acrylate	55	4.483	4.489	-0.006	99	139537	50.0	53.5	
46 Propionitrile	54	4.574	4.574	0.000	98	218789	500.0	476.6	
49 Chlorobromomethane	128	4.647	4.647	0.000	95	58330	50.0	46.0	
51 Tetrahydrofuran	72	4.647	4.647	0.000	83	38792	100.0	96.6	
50 Methacrylonitrile	67	4.690	4.690	0.000	93	643972	500.0	538.6	
52 Chloroform	83	4.708	4.708	0.000	85	263761	50.0	49.3	
55 Cyclohexane	84	4.842	4.843	-0.001	93	167815	50.0	44.4	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	92	205998	50.0	48.3	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	94	138904	50.0	49.5	
56 Carbon tetrachloride	117	4.995	5.001	-0.006	88	165797	50.0	47.7	
57 1,1-Dichloropropene	75	5.038	5.044	-0.006	93	198316	50.0	48.3	
59 Isobutyl alcohol	43	5.202	5.202	0.000	97	211565	1250.0	1165.8	
62 Isooctane	57	5.239	5.239	0.000	95	253003	50.0	42.1	a
60 Benzene	78	5.269	5.269	0.000	98	589547	50.0	50.3	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.294	-0.006	79	182613	50.0	49.4	
64 Tert-amyl methyl ether	73	5.348	5.355	-0.007	78	419207	50.0	53.5	
63 Isopropyl acetate	61	5.361	5.367	-0.006	94	82298	50.0	51.2	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	90	200964	50.0	48.0	
66 n-Heptane	43	5.458	5.458	0.000	93	114694	50.0	42.4	
* 65 Fluorobenzene	96	5.605	5.605	0.000	98	557380	50.0	50.0	
68 n-Butanol	56	5.982	5.983	-0.001	88	110834	1250.0	1248.1	
67 Trichloroethene	95	6.013	6.013	0.000	91	146047	50.0	49.8	
70 Methylcyclohexane	83	6.153	6.153	0.000	93	163173	50.0	44.4	a
71 1,2-Dichloropropane	63	6.354	6.361	-0.007	88	157901	50.0	49.7	
* 73 1,4-Dioxane-d8	96	6.434	6.434	0.000	1	36034	1000.0	1000.0	
69 Ethyl acrylate	55	6.184	6.470	-0.286	98	323630	50.0	49.4	a
75 Methyl methacrylate	100	6.470	6.470	0.000	90	73115	100.0	110.2	
74 1,4-Dioxane	88	6.501	6.501	0.000	48	34283	1000.0	1007.1	
72 Dibromomethane	93	6.501	6.507	-0.006	89	92030	50.0	52.3	
76 n-Propyl acetate	43	6.543	6.543	0.000	99	233727	50.0	57.7	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	199022	50.0	50.1	
78 2-Nitropropane	41	7.104	7.104	0.000	87	88261	100.0	97.4	
79 2-Chloroethyl vinyl ether	106	7.116	7.117	-0.001	69	17098	50.1	56.5	
80 Epichlorohydrin	57	7.232	7.233	-0.001	99	301515	1000.0	998.5	
81 cis-1,3-Dichloropropene	75	7.287	7.293	-0.006	91	254709	50.0	51.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	98	721950	250.0	264.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	98	522493	50.0	50.6	
84 Toluene	91	7.671	7.671	0.000	93	592488	50.0	49.5	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	96	227263	50.0	51.6	
86 Ethyl methacrylate	69	8.165	8.165	0.000	89	179371	50.0	53.8	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	93	112371	50.0	53.0	
88 Tetrachloroethene	166	8.391	8.397	-0.006	83	116430	50.0	49.0	
89 1,3-Dichloropropane	76	8.610	8.616	-0.006	93	222622	50.0	52.5	
90 2-Hexanone	43	8.714	8.720	-0.006	97	497000	250.0	254.5	
93 n-Butyl acetate	43	8.866	8.866	0.000	98	227303	50.0	54.5	
91 Chlorodibromomethane	129	8.878	8.884	-0.006	83	127219	50.0	51.7	
92 Ethylene Dibromide	107	9.061	9.061	0.000	98	123369	50.0	52.3	
* 94 Chlorobenzene-d5	117	9.732	9.738	-0.006	88	381065	50.0	50.0	
95 Chlorobenzene	112	9.774	9.781	-0.007	91	347762	50.0	50.5	
97 Ethylbenzene	106	9.921	9.921	0.000	99	189394	50.0	50.5	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	46	120678	50.0	51.2	
98 m-Xylene & p-Xylene	106	10.116	10.122	-0.006	97	229982	50.0	50.3	
99 o-Xylene	106	10.756	10.762	-0.006	93	225364	50.0	51.2	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	96	113011	50.0	48.9	
100 Styrene	104	10.805	10.811	-0.006	92	380134	50.0	51.9	
102 Bromoform	173	11.116	11.122	-0.006	91	76151	50.0	53.5	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	90	261591	50.0	52.6	
104 Isopropylbenzene	105	11.335	11.341	-0.006	97	550586	50.0	50.8	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	83	128063	50.0	49.5	
106 Bromobenzene	156	11.786	11.786	0.000	92	123922	50.0	49.4	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	95	163677	50.0	51.7	
110 N-Propylbenzene	91	11.914	11.914	0.000	98	688375	50.0	51.2	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	94	43438	50.0	50.8	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	90	52290	50.0	51.7	
111 2-Chlorotoluene	91	12.036	12.042	-0.006	97	461615	50.0	50.6	
112 4-Ethyltoluene	105	12.073	12.073	0.000	99	539855	50.0	50.8	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	90	430783	50.0	50.6	
113 4-Chlorotoluene	91	12.189	12.189	0.000	99	468295	50.0	51.1	
115 Butyl Methacrylate	87	12.323	12.323	0.000	93	171968	50.0	51.9	
116 tert-Butylbenzene	119	12.524	12.530	-0.006	92	342865	50.0	49.9	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	438677	50.0	49.7	
118 sec-Butylbenzene	105	12.774	12.780	-0.006	99	512161	50.0	49.5	
119 1,3-Dichlorobenzene	146	12.914	12.920	-0.006	92	218159	50.0	50.3	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	94	406110	50.0	50.5	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	97	181807	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	90	223299	50.0	49.7	
123 1,2,3-Trimethylbenzene	105	13.060	13.061	-0.001	99	432605	50.0	51.3	
124 Benzyl chloride	91	13.188	13.195	-0.007	97	289803	50.0	52.2	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	93	418405	50.0	51.3	
127 p-Diethylbenzene	119	13.341	13.341	0.000	88	241809	50.0	52.0	
128 n-Butylbenzene	92	13.365	13.365	0.000	98	220227	50.0	49.5	
126 1,2-Dichlorobenzene	146	13.402	13.408	-0.006	91	201589	50.0	49.9	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	318417	50.0	50.6	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	91	26293	50.0	48.6	
131 1,3,5-Trichlorobenzene	180	14.286	14.292	-0.006	94	105983	50.0	48.5	
132 1,2,4-Trichlorobenzene	180	14.828	14.829	-0.001	93	88089	50.0	46.2	
133 Hexachlorobutadiene	225	14.920	14.926	-0.006	85	32232	50.0	45.1	
134 Naphthalene	128	15.030	15.036	-0.006	98	271674	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.219	15.225	-0.006	93	70764	50.0	50.1	
S 136 1,2-Dichloroethene, Total	100				0		100.0	93.7	
S 137 Xylenes, Total	100				0		100.0	101.6	
S 140 Total BTEX	1				0		250.0	251.8	
S 139 1,3-Dichloropropene, Total	1				0		100.0	103.0	
S 138 Total 1,2-dichloroethene	1				0			93.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

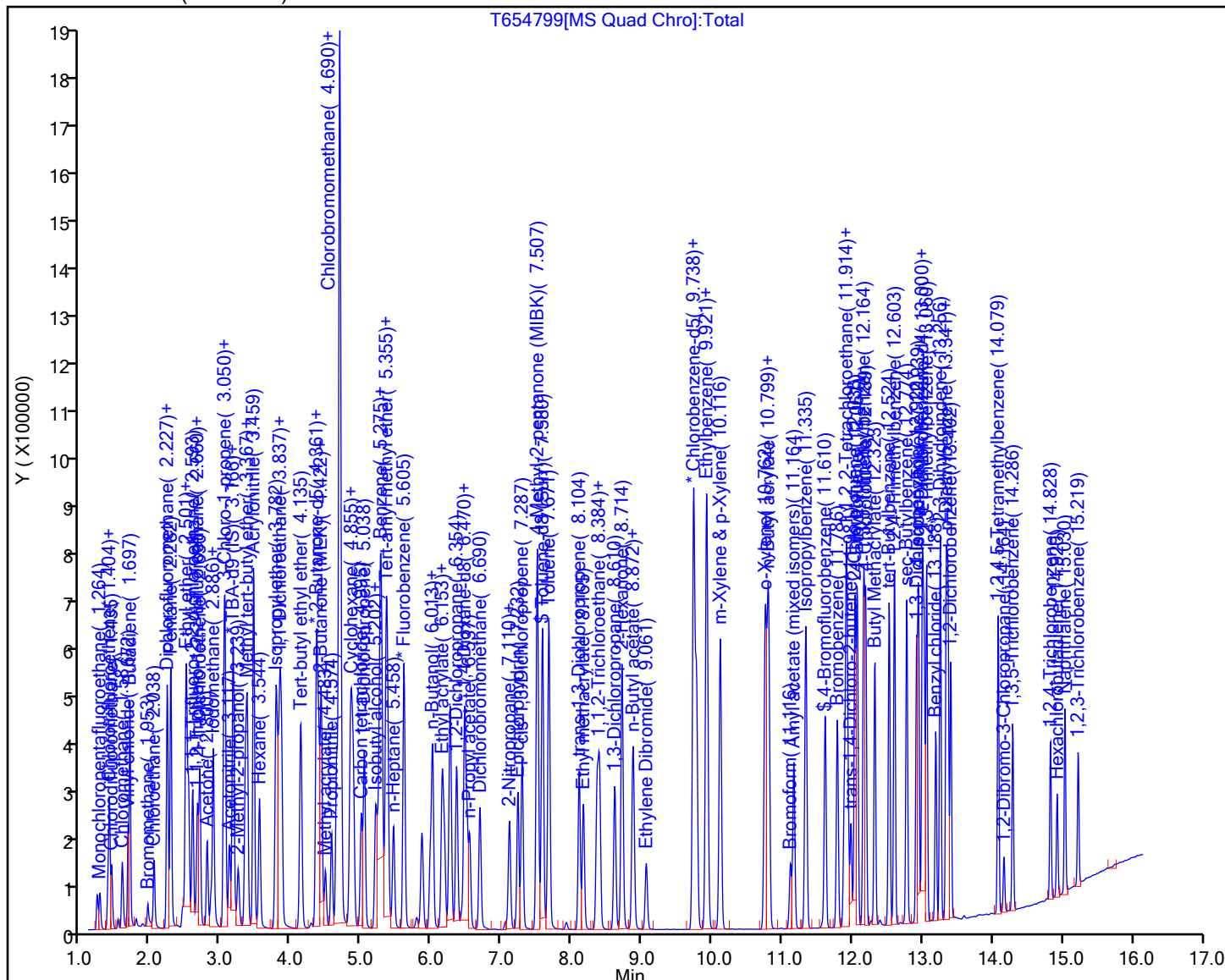
Reagents:

8260MIX1COMB_00161	Amount Added: 50.00	Units: uL	
ACROLEIN W_00145	Amount Added: 10.00	Units: uL	
524freon_00059	Amount Added: 50.00	Units: uL	
GASES Li_00499	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Instrument ID: CVOAMS15

7

VOA - 8260D Water and Solid



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654799.D

Injection Date: 28-Oct-2022 09:18:13

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

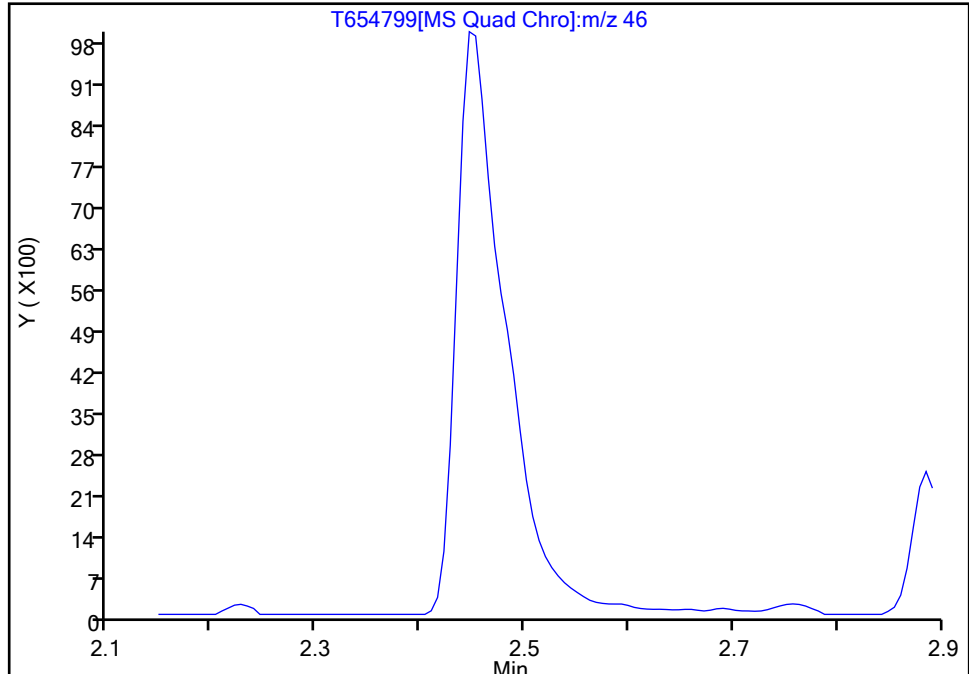
14 Ethanol, CAS: 64-17-5

Signal: 1

Not Detected

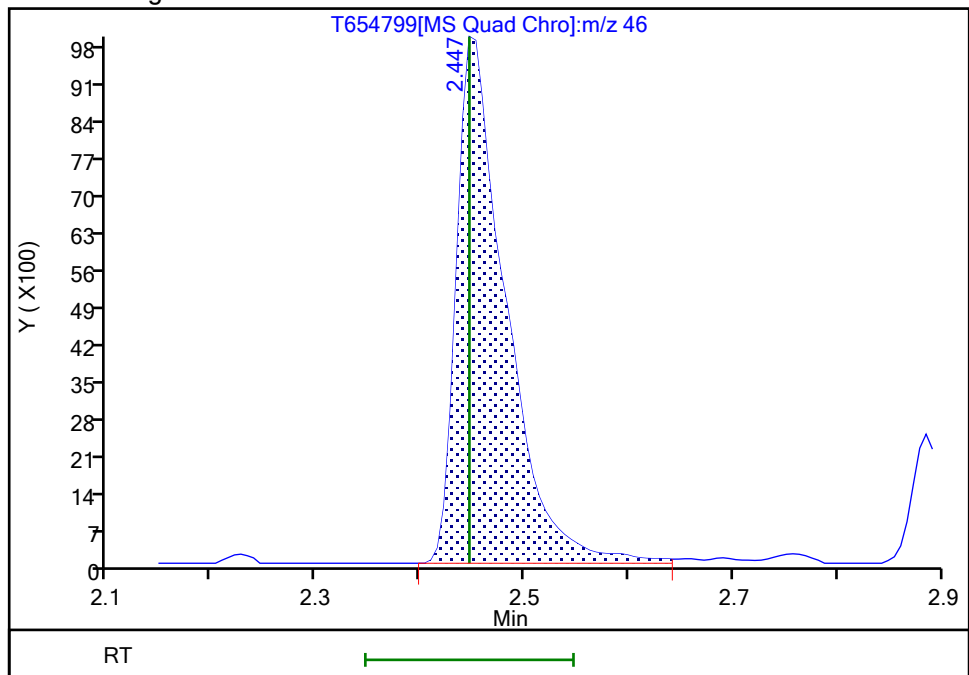
Expected RT: 2.45

Processing Integration Results



RT: 2.45
Area: 32682
Amount: 1831.1567
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:42:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654799.D

Injection Date: 28-Oct-2022 09:18:13

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

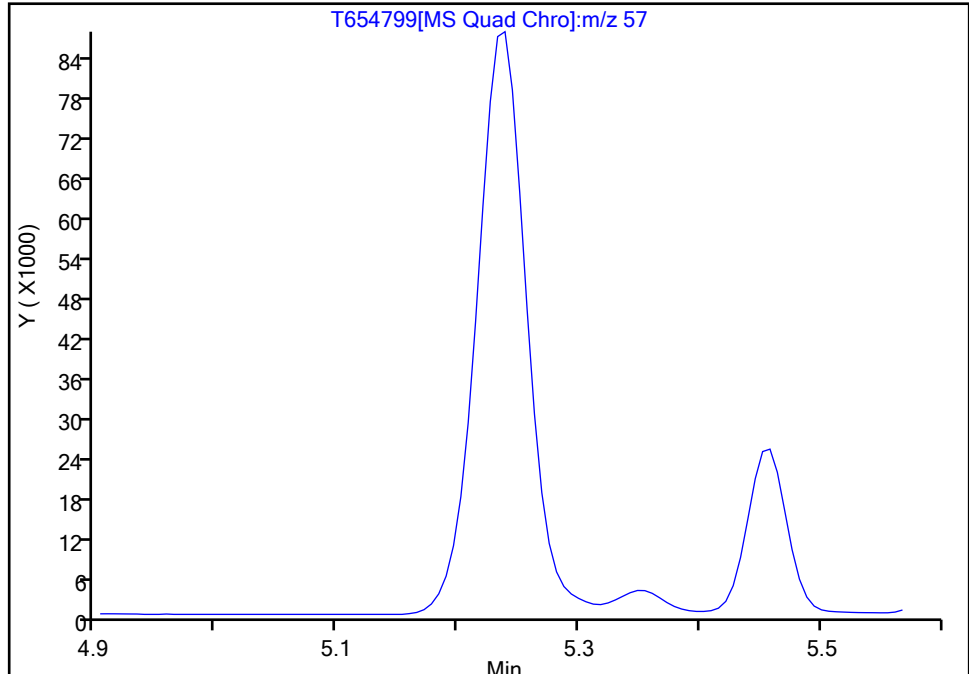
62 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

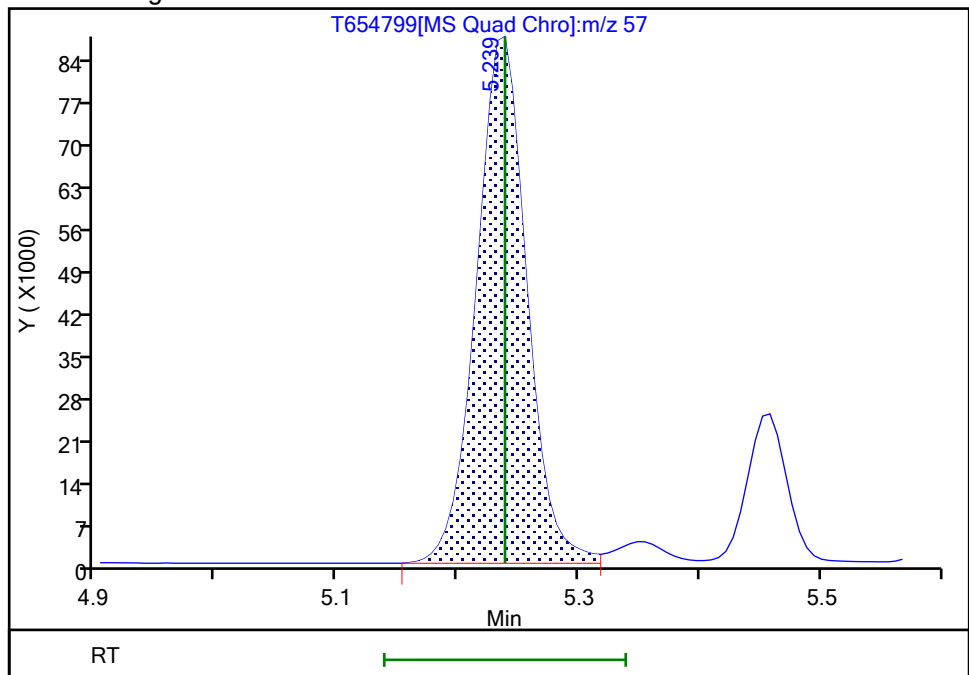
Expected RT: 5.24

Processing Integration Results



RT: 5.24
Area: 253003
Amount: 42.138178
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:42:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654799.D

Injection Date: 28-Oct-2022 09:18:13

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

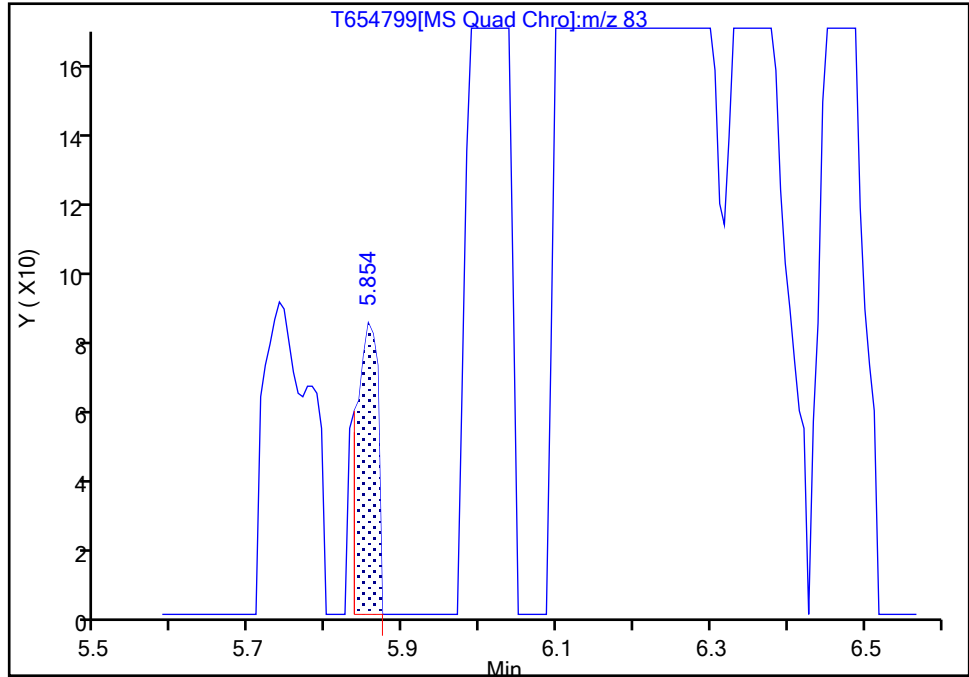
Detector: MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

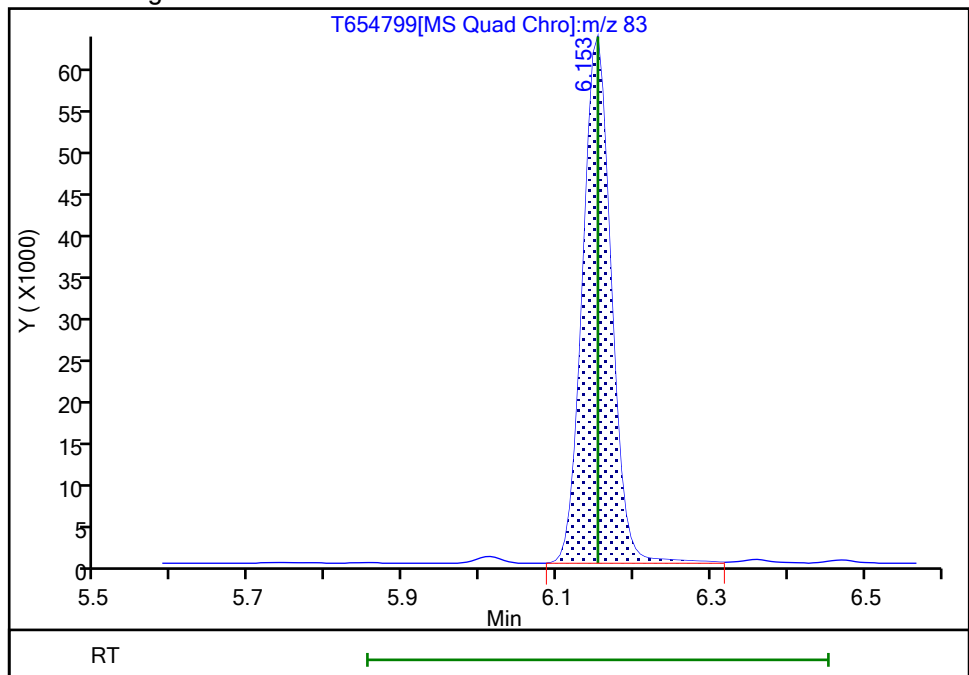
RT: 5.85
Area: 156
Amount: 0.049152
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 163173
Amount: 44.353622
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:40:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654799.D

Injection Date: 28-Oct-2022 09:18:13

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

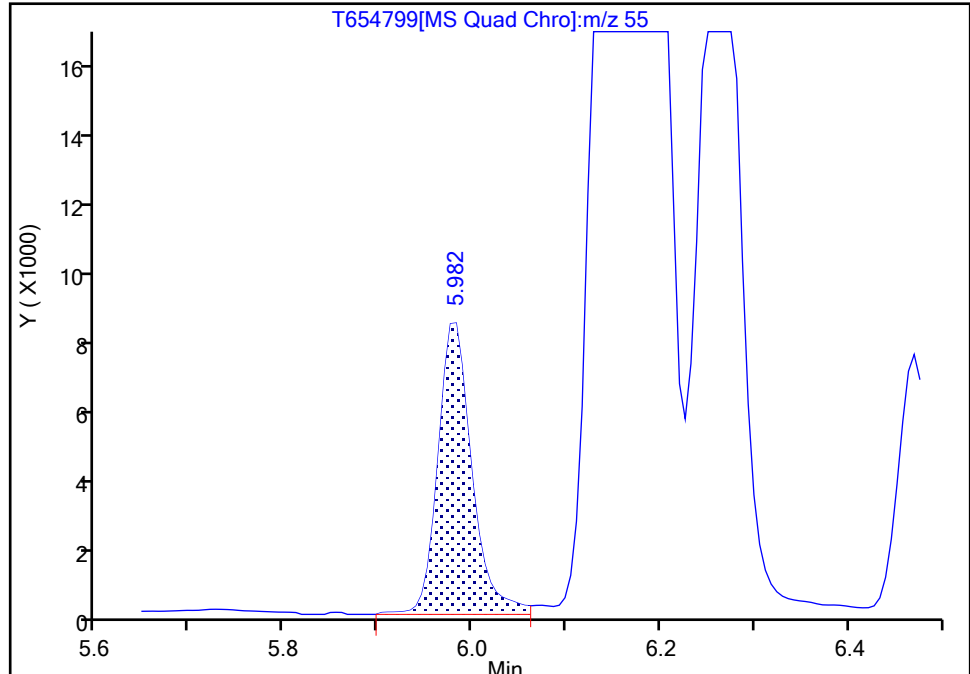
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

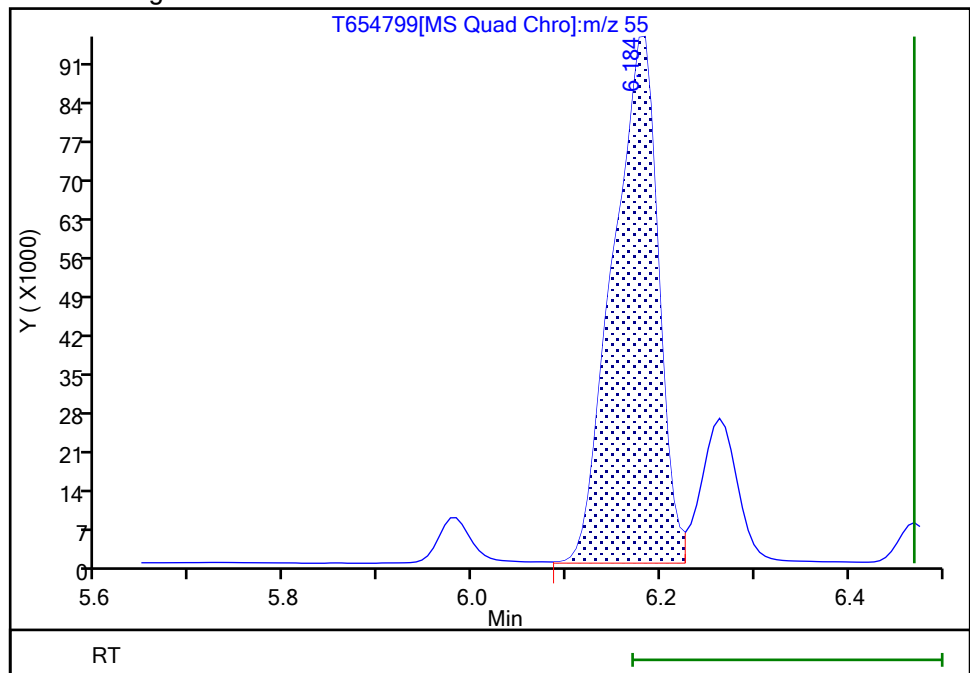
RT: 5.98
Area: 20814
Amount: 3.623740
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 323630
Amount: 49.392213
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:39:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 28-Oct-2022 10:15:44 ALS Bottle#: 0 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0152384-009
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:24 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 10:36:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	92	48126	200.0	197.5	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	81	126928	200.0	202.3	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	96	272776	200.0	182.5	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	623402	200.0	185.9	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	102803	200.0	171.6	
6 Chloromethane	50	1.581	1.587	-0.006	88	773188	200.0	203.8	
7 Vinyl chloride	62	1.672	1.672	0.000	99	767546	200.0	196.0	
8 Butadiene	54	1.697	1.697	0.000	97	700022	200.0	171.5	
9 Bromomethane	94	1.959	1.959	0.000	98	339657	200.0	525.0	
10 Chloroethane	64	2.050	2.050	0.000	100	474348	200.0	185.6	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	1171601	200.0	193.8	
12 Trichlorofluoromethane	101	2.239	2.233	0.006	75	760605	200.0	183.4	
13 Pentane	72	2.282	2.282	0.000	95	170838	400.0	308.7	
14 Ethanol	46	2.447	2.447	0.000	100	123366	8000.0	7194.5	a
15 Ethyl ether	59	2.489	2.489	0.000	90	498099	200.0	189.7	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	98	534084	200.0	179.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.538	2.538	0.000	90	396320	200.0	180.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.593	2.593	0.000	91	753601	200.0	180.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.660	2.660	0.000	90	436407	200.0	170.8	
19 Acrolein	56	2.666	2.666	0.000	46	95557	200.0	212.5	
20 1,1-Dichloroethene	96	2.697	2.697	-0.001	88	477907	200.0	176.9	
22 Acetone	43	2.800	2.800	0.000	87	858081	1000.0	981.6	
23 Iodomethane	142	2.855	2.855	0.000	100	506641	200.0	204.1	
24 Carbon disulfide	76	2.885	2.886	-0.001	100	1725176	200.0	180.6	
25 Isopropyl alcohol	45	2.892	2.886	0.006	35	356411	2000.0	1861.8	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	84	317093	200.0	167.9	
29 Cyclopentene	67	3.056	3.056	0.000	92	1405314	200.0	201.5	
28 Methyl acetate	43	3.056	3.056	0.000	74	895205	400.0	377.1	
26 Acetonitrile	41	3.117	3.117	0.000	98	734257	2000.0	1880.6	
* 31 TBA-d9 (IS)	66	3.166	3.160	0.006	49	52175	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	91	636690	200.0	192.1	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	99	580875	2000.0	1813.2	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	1673170	200.0	199.6	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	89	592729	200.0	183.7	
33 Acrylonitrile	53	3.465	3.465	0.000	94	2254472	2000.0	1896.5	
36 Hexane	57	3.550	3.550	0.000	93	611119	200.0	169.4	
40 Isopropyl ether	45	3.782	3.782	0.000	96	2074205	200.0	202.0	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	95	1215651	200.0	195.5	
38 Vinyl acetate	86	3.843	3.837	0.006	99	254572	400.0	388.1	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	555464	200.0	201.0	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	88	1921097	200.0	208.6	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	94	202734	200.0	181.0	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	57	413391	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	89	672517	200.0	183.3	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	96	360601	1000.0	1001.5	
47 Ethyl acetate	70	4.434	4.428	0.006	96	136806	400.0	398.6	
48 Methyl acrylate	55	4.489	4.489	0.000	100	553403	200.0	192.6	
46 Propionitrile	54	4.580	4.574	0.006	98	833080	2000.0	1888.8	
49 Chlorobromomethane	128	4.647	4.647	0.000	95	250912	200.0	179.7	
51 Tetrahydrofuran	72	4.647	4.647	0.000	82	152150	400.0	375.3	
50 Methacrylonitrile	67	4.696	4.690	0.006	92	2756520	2000.0	2092.8	
52 Chloroform	83	4.714	4.708	0.006	85	1180065	200.0	200.2	
55 Cyclohexane	84	4.849	4.843	0.006	93	740285	200.0	177.6	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	93	900321	200.0	191.8	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.885	0.006	65	152618	50.0	49.4	
56 Carbon tetrachloride	117	5.001	5.001	0.000	88	726624	200.0	189.6	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	94	846681	200.0	187.1	
59 Isobutyl alcohol	43	5.208	5.202	0.006	96	850276	5000.0	4876.7	
62 Isooctane	57	5.239	5.239	0.000	95	1266074	200.0	191.4	a
60 Benzene	78	5.269	5.269	0.000	98	2530142	200.0	192.3	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	48	205093	50.0	50.4	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	77	1816335	200.0	210.2	
63 Isopropyl acetate	61	5.367	5.367	0.000	94	343089	200.0	193.9	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	89	859290	200.0	186.5	
66 n-Heptane	43	5.458	5.458	0.000	93	507714	200.0	170.3	
* 65 Fluorobenzene	96	5.611	5.605	0.006	98	613973	50.0	50.0	
68 n-Butanol	56	5.982	5.983	-0.001	88	411588	5000.0	4824.1	
67 Trichloroethene	95	6.019	6.013	0.006	92	631772	200.0	195.4	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	730702	200.0	180.3	a
71 1,2-Dichloropropane	63	6.360	6.361	-0.001	88	687786	200.0	196.3	
* 73 1,4-Dioxane-d8	96	6.440	6.434	0.006	9	37346	1000.0	1000.0	
69 Ethyl acrylate	55	6.184	6.470	-0.286	98	1368922	200.0	189.7	a
75 Methyl methacrylate	100	6.476	6.470	0.006	89	308578	400.0	422.1	
74 1,4-Dioxane	88	6.507	6.501	0.006	44	131402	4000.0	3724.5	
72 Dibromomethane	93	6.507	6.507	0.000	90	394236	200.0	203.3	
76 n-Propyl acetate	43	6.543	6.543	0.000	98	920147	200.0	206.1	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	877733	200.0	200.7	
78 2-Nitropropane	41	7.110	7.104	0.006	86	374103	400.0	374.8	
79 2-Chloroethyl vinyl ether	106	7.116	7.117	-0.001	67	76772	200.5	230.4	
80 Epichlorohydrin	57	7.238	7.233	0.005	99	1203550	4000.0	3948.8	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	91	1092001	200.0	196.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.507	0.006	97	2867131	1000.0	1040.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.586	7.580	0.006	99	584564	50.0	50.5	
84 Toluene	91	7.677	7.671	0.006	93	2578712	200.0	191.9	
85 trans-1,3-Dichloropropene	75	8.110	8.104	0.006	96	971839	200.0	196.7	
86 Ethyl methacrylate	69	8.165	8.165	0.000	89	744369	200.0	199.0	
87 1,1,2-Trichloroethane	83	8.366	8.360	0.006	92	476840	200.0	200.3	
88 Tetrachloroethene	166	8.397	8.397	0.000	85	513809	200.0	192.6	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	93	931618	200.0	195.8	
90 2-Hexanone	43	8.720	8.720	0.000	96	1924826	1000.0	976.6	
93 n-Butyl acetate	43	8.872	8.866	0.006	98	899420	200.0	192.3	
91 Chlorodibromomethane	129	8.884	8.884	0.000	96	567912	200.0	205.8	
92 Ethylene Dibromide	107	9.067	9.061	0.006	98	521432	200.0	197.0	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	66	427517	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	91	1525266	200.0	197.4	
97 Ethylbenzene	106	9.927	9.921	0.006	99	838001	200.0	199.3	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	42	548221	200.0	207.4	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	97	999166	200.0	195.0	
99 o-Xylene	106	10.762	10.762	0.000	93	978616	200.0	198.3	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	96	476251	200.0	183.8	
100 Styrene	104	10.811	10.811	0.000	92	1706075	200.0	207.5	
102 Bromoform	173	11.122	11.122	0.000	92	337094	200.0	211.1	
103 Amyl acetate (mixed isomers)	43	11.171	11.165	0.006	90	1030371	200.0	183.2	
104 Isopropylbenzene	105	11.341	11.341	0.000	97	2358167	200.0	193.9	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	82	144389	50.0	49.7	
106 Bromobenzene	156	11.792	11.786	0.006	94	545665	200.0	192.6	
107 1,1,2,2-Tetrachloroethane	83	11.890	11.884	0.006	95	657095	200.0	183.5	
110 N-Propylbenzene	91	11.920	11.914	0.006	98	2890602	200.0	190.1	
108 1,2,3-Trichloropropane	110	11.945	11.939	0.006	95	177552	200.0	183.6	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	90	210458	200.0	184.3	
111 2-Chlorotoluene	91	12.042	12.042	0.000	97	1989030	200.0	193.0	
112 4-Ethyltoluene	105	12.073	12.073	0.000	97	2337437	200.0	194.4	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	91	1847089	200.0	192.1	
113 4-Chlorotoluene	91	12.195	12.189	0.006	99	2014371	200.0	194.3	
115 Butyl Methacrylate	87	12.323	12.323	0.000	93	743072	200.0	198.6	
116 tert-Butylbenzene	119	12.530	12.530	0.000	92	1472508	200.0	189.5	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	1924596	200.0	192.9	
118 sec-Butylbenzene	105	12.780	12.780	0.000	98	2174920	200.0	186.1	
119 1,3-Dichlorobenzene	146	12.920	12.920	0.000	93	972572	200.0	198.4	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	95	1784359	200.0	196.2	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	96	205467	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	90	990179	200.0	194.9	
123 1,2,3-Trimethylbenzene	105	13.060	13.061	-0.001	99	1926280	200.0	202.2	
124 Benzyl chloride	91	13.195	13.195	0.000	98	1205297	200.0	192.1	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	90	1848349	200.0	200.3	
127 p-Diethylbenzene	119	13.341	13.341	0.000	89	935872	200.0	178.1	
128 n-Butylbenzene	92	13.365	13.365	0.000	98	957168	200.0	190.5	
126 1,2-Dichlorobenzene	146	13.408	13.408	0.000	93	909612	200.0	199.4	
130 1,2,4,5-Tetramethylbenzene	119	14.085	14.079	0.006	96	1468530	200.0	206.3	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	93	111491	200.0	182.2	
131 1,3,5-Trichlorobenzene	180	14.292	14.292	0.000	95	483397	200.0	195.9	
132 1,2,4-Trichlorobenzene	180	14.828	14.829	-0.001	93	382741	200.0	177.7	
133 Hexachlorobutadiene	225	14.926	14.926	0.000	88	142264	200.0	176.0	
134 Naphthalene	128	15.036	15.036	0.000	99	1099513	200.0	180.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	93	288856	200.0	181.1	
S 136 1,2-Dichloroethene, Total	100				0		400.0	367.0	
S 137 Xylenes, Total	100				0		400.0	393.3	
S 140 Total BTEX	1				0		1000.0	976.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	393.1	
S 138 Total 1,2-dichloroethene	1				0			367.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 20.00	Units: uL	
GAS Hi_00427	Amount Added: 20.00	Units: uL	
Ethanol mix_00070	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	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D

Injection Date: 28-Oct-2022 10:15:44

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 9

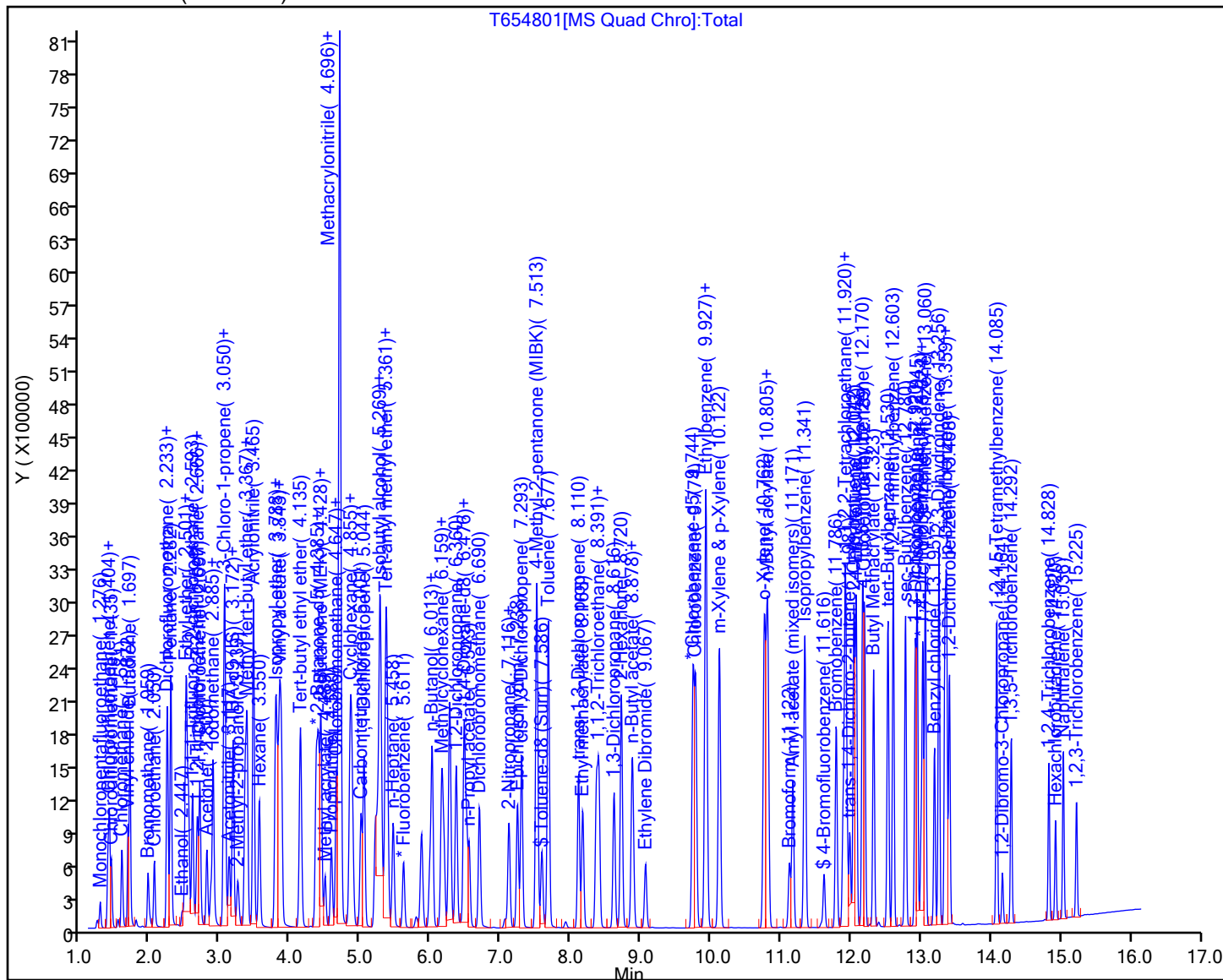
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D

Injection Date: 28-Oct-2022 10:15:44

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

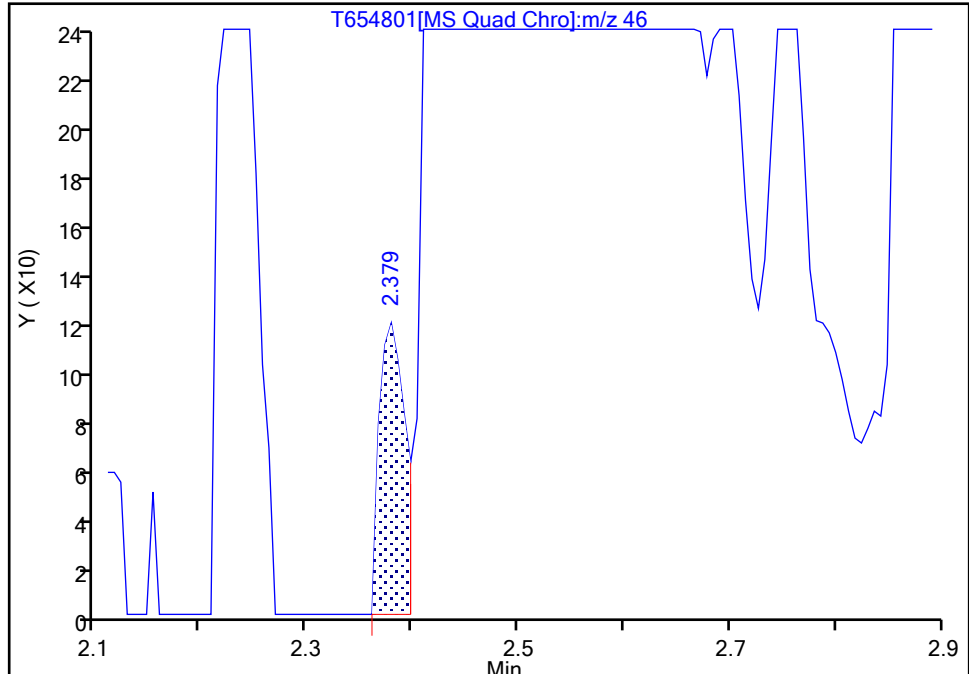
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

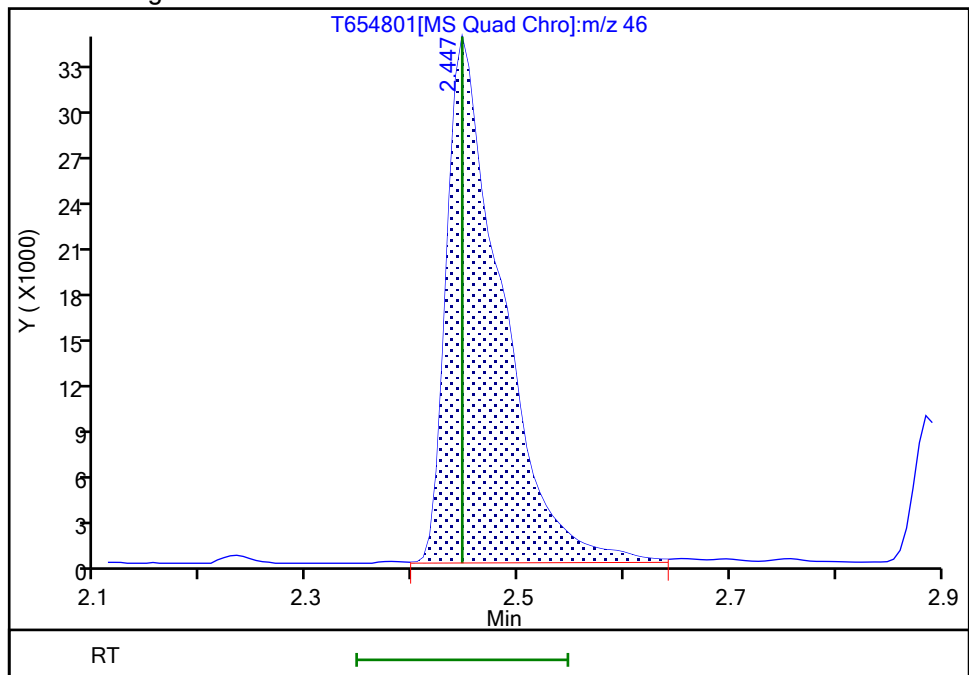
RT: 2.38
Area: 203
Amount: 12.208460
Amount Units: ug/l

Processing Integration Results



RT: 2.45
Area: 123366
Amount: 7194.4520
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:10:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D

Injection Date: 28-Oct-2022 10:15:44

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

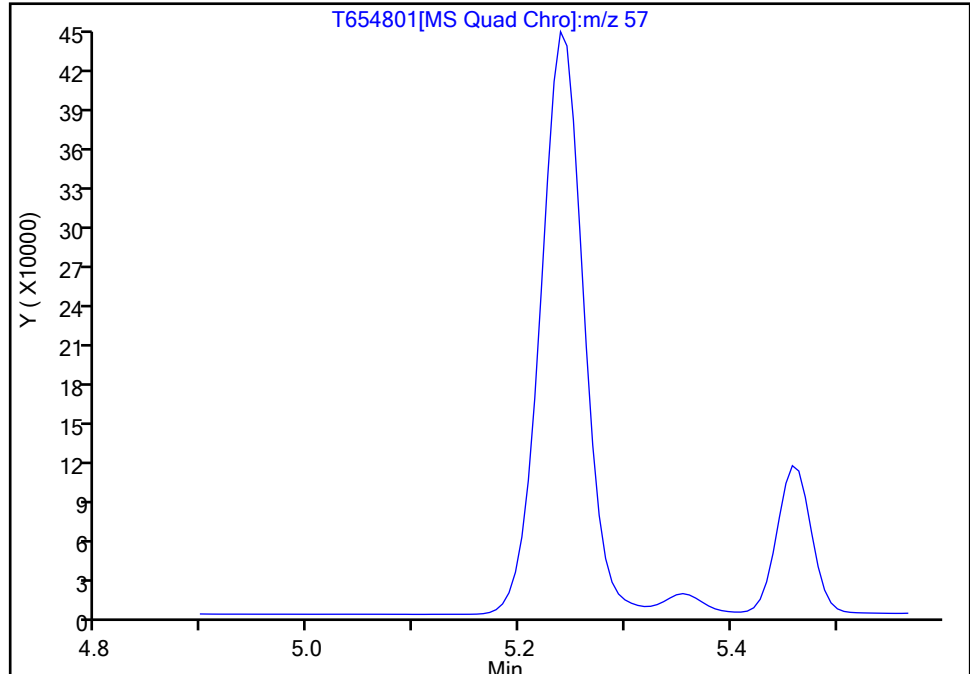
62 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

Expected RT: 5.24

Processing Integration Results



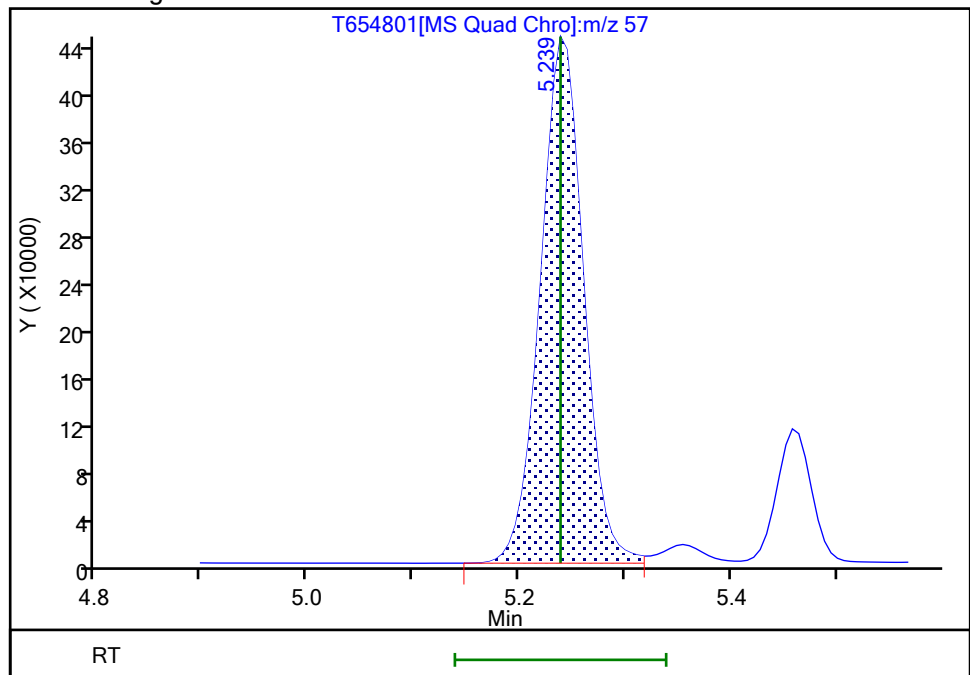
RT: 5.24

Area: 1266074

Amount: 191.4306

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:10:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D

Injection Date: 28-Oct-2022 10:15:44

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

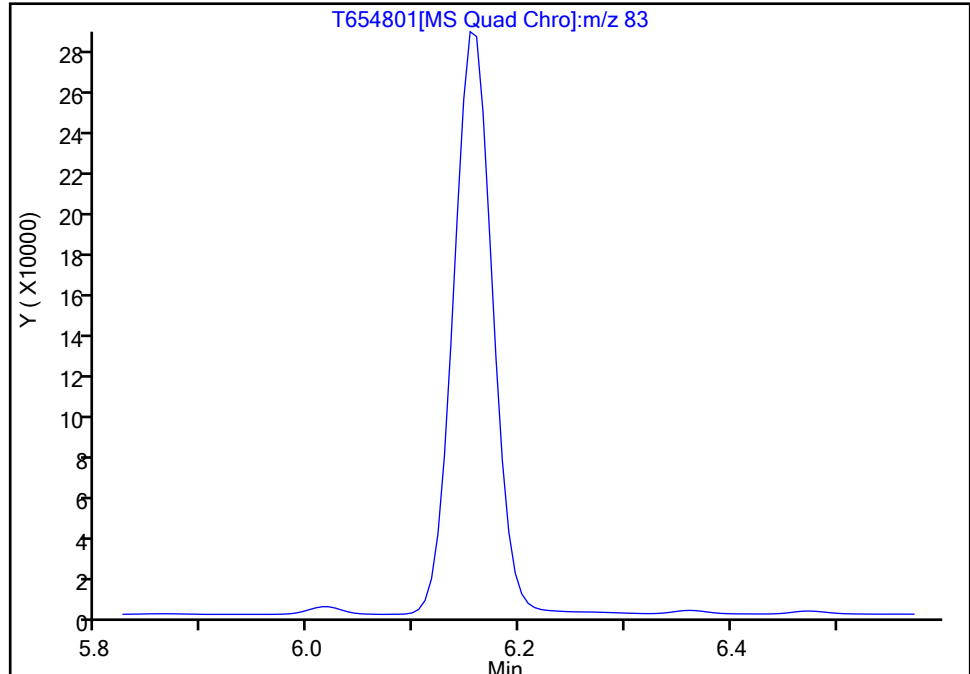
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

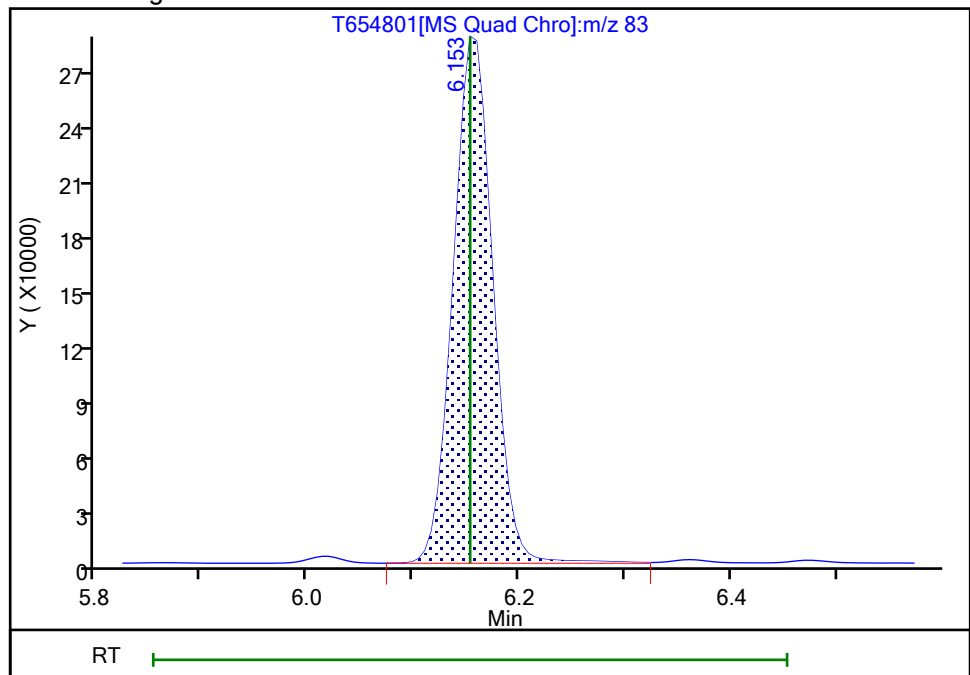
Not Detected

Expected RT: 6.15

Processing Integration Results



Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:10:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654801.D

Injection Date: 28-Oct-2022 10:15:44

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

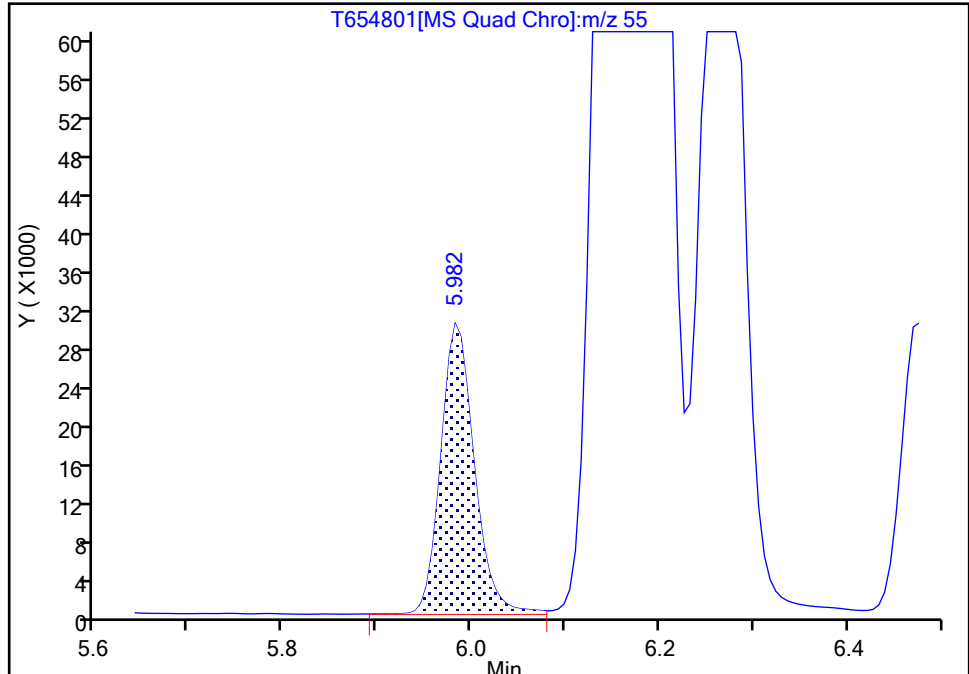
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

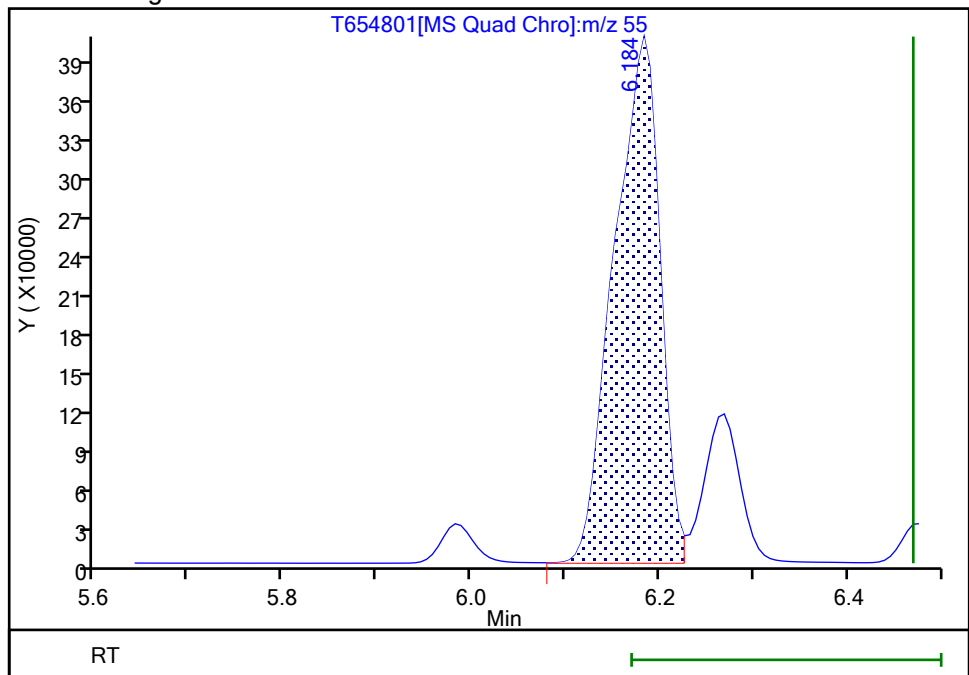
RT: 5.98
Area: 74926
Amount: 185.4864
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 1368922
Amount: 189.6665
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:14:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 28-Oct-2022 10:37:10 ALS Bottle#: 0 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0152384-010
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:29 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 10:59:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	92	128780	500.0	500.4	
3 Chlorotrifluoroethene	116	1.379	1.380	-0.001	88	356594	500.0	499.8	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	672445	500.0	425.0	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	1992682	500.0	561.1	
5 Chlorodifluoromethane	67	1.434	1.435	-0.001	79	257864	500.0	406.6	
6 Chloromethane	50	1.581	1.587	-0.006	88	2283614	500.0	568.6	
7 Vinyl chloride	62	1.672	1.672	0.000	99	2144627	500.0	517.4	
8 Butadiene	54	1.696	1.697	-0.001	97	2089035	500.0	483.4	
9 Bromomethane	94	1.952	1.959	-0.007	98	532437	500.0	828.0	
10 Chloroethane	64	2.038	2.050	-0.012	98	1339227	500.0	527.3	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	88	3287774	500.0	513.6	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	68	2343674	500.0	533.7	
13 Pentane	72	2.282	2.282	0.000	94	562653	1000.0	960.3	
14 Ethanol	46	2.458	2.447	0.011	99	309436	20000	20757	a
15 Ethyl ether	59	2.489	2.489	0.000	88	1438657	500.0	517.7	
17 2-Methyl-1,3-butadiene	53	2.501	2.508	-0.007	98	1678876	500.0	532.1	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	90	1064457	500.0	458.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	90	2011569	500.0	455.6	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	91	1435896	500.0	530.9	
19 Acrolein	56	2.666	2.666	0.000	41	213625	400.0	546.3	
20 1,1-Dichloroethene	96	2.696	2.697	-0.001	88	1405081	500.0	491.3	
22 Acetone	43	2.800	2.800	0.000	86	2276386	2500.0	2623.6	
23 Iodomethane	142	2.855	2.855	0.000	100	1205498	500.0	499.3	
24 Carbon disulfide	76	2.885	2.886	-0.001	100	4888378	500.0	483.4	
25 Isopropyl alcohol	45	2.897	2.886	0.011	38	900983	5000.0	5420.2	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	84	860675	500.0	430.5	
29 Cyclopentene	67	3.056	3.056	0.000	93	4059419	500.0	549.8	
28 Methyl acetate	43	3.056	3.056	0.000	73	2398731	1000.0	954.4	
26 Acetonitrile	41	3.117	3.117	0.000	98	1922976	5000.0	4955.4	
* 31 TBA-d9 (IS)	66	3.172	3.160	0.012	31	45360	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	90	1793753	500.0	511.3	
32 2-Methyl-2-propanol	59	3.251	3.239	0.012	98	1309980	5000.0	4703.5	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	4623028	500.0	520.9	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	89	1682434	500.0	492.5	
33 Acrylonitrile	53	3.470	3.465	0.005	93	5880419	5000.0	4672.5	
36 Hexane	57	3.544	3.550	-0.006	93	1988762	500.0	520.7	
40 Isopropyl ether	45	3.781	3.782	-0.001	96	5772195	500.0	530.9	
37 1,1-Dichloroethane	63	3.818	3.812	0.006	95	3358190	500.0	510.2	
38 Vinyl acetate	86	3.842	3.837	0.005	99	796028	1000.0	1220.9	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	1619795	500.0	553.7	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	89	5299383	500.0	543.6	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	95	582001	500.0	490.8	
* 42 2-Butanone-d5	46	4.367	4.361	0.006	47	410865	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	88	1891748	500.0	487.1	
45 2-Butanone (MEK)	72	4.428	4.422	0.006	96	947618	2500.0	2648.0	
47 Ethyl acetate	70	4.434	4.428	0.006	96	377147	1000.0	1105.5	
48 Methyl acrylate	55	4.489	4.489	0.000	100	1468496	500.0	482.8	
46 Propionitrile	54	4.586	4.574	0.012	98	2127403	5000.0	5548.0	
49 Chlorobromomethane	128	4.647	4.647	0.000	95	748763	500.0	506.6	
51 Tetrahydrofuran	72	4.647	4.647	0.000	75	394086	1000.0	978.1	
50 Methacrylonitrile	67	4.702	4.690	0.012	91	7405934	5000.0	5310.9	
52 Chloroform	83	4.714	4.708	0.006	57	3339253	500.0	535.0	
55 Cyclohexane	84	4.842	4.843	-0.001	93	2350712	500.0	532.8	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	93	2643578	500.0	531.9	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.885	0.006	41	156042	50.0	47.7	
56 Carbon tetrachloride	117	5.001	5.001	0.000	88	2156274	500.0	531.6	
57 1,1-Dichloropropene	75	5.043	5.044	-0.001	93	2456158	500.0	512.6	
59 Isobutyl alcohol	43	5.214	5.202	0.012	90	2327233	12500	15353	
62 Isooctane	57	5.238	5.239	-0.001	93	4014913	500.0	573.4	a
60 Benzene	78	5.269	5.269	0.000	98	7073801	500.0	513.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.293	5.294	-0.001	38	217879	50.0	50.5	
64 Tert-amyl methyl ether	73	5.354	5.355	-0.001	79	5097322	500.0	557.3	
63 Isopropyl acetate	61	5.366	5.367	-0.001	94	950233	500.0	507.2	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	89	2397823	500.0	491.6	
66 n-Heptane	43	5.458	5.458	0.000	92	1608258	500.0	509.6	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	98	650013	50.0	50.0	
68 n-Butanol	56	5.988	5.983	0.005	88	1068528	12500	14406	
67 Trichloroethene	95	6.013	6.013	0.000	91	1822901	500.0	532.5	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	2283163	500.0	532.2	a
71 1,2-Dichloropropane	63	6.360	6.361	-0.001	88	1886001	500.0	508.5	
* 73 1,4-Dioxane-d8	96	6.446	6.434	0.012	13	31347	1000.0	1000.0	a
69 Ethyl acrylate	55	6.183	6.470	-0.287	98	3895584	500.0	509.8	a
75 Methyl methacrylate	100	6.476	6.470	0.006	89	847489	1000.0	1095.1	
74 1,4-Dioxane	88	6.507	6.501	0.005	47	353189	10000	11927	
72 Dibromomethane	93	6.507	6.507	-0.001	90	963572	500.0	469.4	
76 n-Propyl acetate	43	6.543	6.543	0.000	98	2282644	500.0	482.8	
77 Dichlorobromomethane	83	6.689	6.690	-0.001	95	2439475	500.0	526.9	
78 2-Nitropropane	41	7.110	7.104	0.006	87	987091	1000.0	934.2	
79 2-Chloroethyl vinyl ether	106	7.116	7.117	-0.001	64	179363	501.2	508.3	
80 Epichlorohydrin	57	7.238	7.233	0.005	98	2978527	10000	9832.6	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	91	2991296	500.0	514.1	
82 4-Methyl-2-pentanone (MIBK)	43	7.512	7.507	0.005	97	7191040	2500.0	2625.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.586	7.580	0.006	99	606623	50.0	50.0	
84 Toluene	91	7.677	7.671	0.006	94	7062124	500.0	502.0	
85 trans-1,3-Dichloropropene	75	8.110	8.104	0.006	96	2627280	500.0	507.9	
86 Ethyl methacrylate	69	8.165	8.165	0.000	89	1948812	500.0	497.8	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	93	1287159	500.0	516.4	
88 Tetrachloroethene	166	8.396	8.397	-0.001	85	1441200	500.0	515.9	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	93	2454140	500.0	492.7	
90 2-Hexanone	43	8.720	8.720	0.000	96	4805373	2500.0	2453.0	
93 n-Butyl acetate	43	8.866	8.866	0.000	98	2293154	500.0	468.3	
91 Chlorodibromomethane	129	8.884	8.884	0.000	96	1566918	500.0	542.3	
92 Ethylene Dibromide	107	9.067	9.061	0.006	97	1376826	500.0	496.9	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	46	447562	50.0	50.0	
95 Chlorobenzene	112	9.780	9.781	-0.001	91	4153946	500.0	513.6	
97 Ethylbenzene	106	9.927	9.921	0.006	99	2336209	500.0	530.7	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	42	1494889	500.0	540.3	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	97	2695680	500.0	502.5	
99 o-Xylene	106	10.762	10.762	0.000	93	2689346	500.0	520.6	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	97	1292647	500.0	476.5	
100 Styrene	104	10.811	10.811	0.000	92	4515139	500.0	524.4	
102 Bromoform	173	11.122	11.122	0.000	92	938484	500.0	561.3	
103 Amyl acetate (mixed isomers)	43	11.170	11.165	0.005	90	2693232	500.0	450.2	
104 Isopropylbenzene	105	11.341	11.341	0.000	98	6308048	500.0	495.5	
\$ 105 4-Bromofluorobenzene	174	11.615	11.616	-0.001	83	148772	50.0	49.0	
106 Bromobenzene	156	11.792	11.786	0.006	94	1518651	500.0	504.1	
107 1,1,2,2-Tetrachloroethane	83	11.890	11.884	0.006	95	1788181	500.0	469.6	
110 N-Propylbenzene	91	11.920	11.914	0.006	98	7530187	500.0	465.6	
108 1,2,3-Trichloropropane	110	11.945	11.939	0.006	95	476632	500.0	463.3	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	90	561309	500.0	462.1	
111 2-Chlorotoluene	91	12.042	12.042	0.000	97	5340072	500.0	487.3	
112 4-Ethyltoluene	105	12.073	12.073	0.000	97	6115947	500.0	478.4	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	91	5016037	500.0	490.4	
113 4-Chlorotoluene	91	12.194	12.189	0.005	99	5479205	500.0	497.0	
115 Butyl Methacrylate	87	12.323	12.323	-0.001	93	2083875	500.0	523.6	
116 tert-Butylbenzene	119	12.530	12.530	0.000	92	4112115	500.0	497.7	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	5203517	500.0	490.4	
118 sec-Butylbenzene	105	12.780	12.780	0.000	98	5910263	500.0	475.6	
119 1,3-Dichlorobenzene	146	12.920	12.920	0.000	92	2705830	500.0	518.9	
122 4-Isopropyltoluene	119	12.944	12.945	-0.001	95	4824760	500.0	498.7	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	95	218517	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.030	13.024	0.006	91	2719709	500.0	503.3	
123 1,2,3-Trimethylbenzene	105	13.060	13.061	-0.001	99	5186155	500.0	511.9	
124 Benzyl chloride	91	13.194	13.195	-0.001	98	3246598	500.0	486.5	
125 2,3-Dihydroindene	117	13.255	13.256	-0.001	93	4926010	500.0	502.0	
127 p-Diethylbenzene	119	13.341	13.341	0.000	88	2551655	500.0	456.7	a
128 n-Butylbenzene	92	13.365	13.365	0.000	98	2613441	500.0	489.1	
126 1,2-Dichlorobenzene	146	13.408	13.408	0.000	93	2480766	500.0	511.3	
130 1,2,4,5-Tetramethylbenzene	119	14.078	14.079	-0.001	96	3954702	500.0	522.4	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	94	305698	500.0	469.9	
131 1,3,5-Trichlorobenzene	180	14.292	14.292	0.000	96	1325794	500.0	505.2	
132 1,2,4-Trichlorobenzene	180	14.828	14.829	-0.001	91	1077027	500.0	470.1	
133 Hexachlorobutadiene	225	14.920	14.926	-0.006	86	411546	500.0	478.7	
134 Naphthalene	128	15.035	15.036	-0.001	98	2946531	500.0	454.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.218	15.225	-0.007	92	798361	500.0	470.6	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	979.6	
S 137 Xylenes, Total	100				0		1000.0	1023.0	
S 140 Total BTEX	1				0		2500.0	2569.2	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1021.9	
S 138 Total 1,2-dichloroethene	1				0			979.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 40.00	Units: uL	
GAS Hi_00427	Amount Added: 50.00	Units: uL	
Ethanol mix_00070	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00128	Amount Added: 50.00	Units: uL	
MIX I Hi_00155	Amount Added: 50.00	Units: uL	
8FreonHi_00050	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

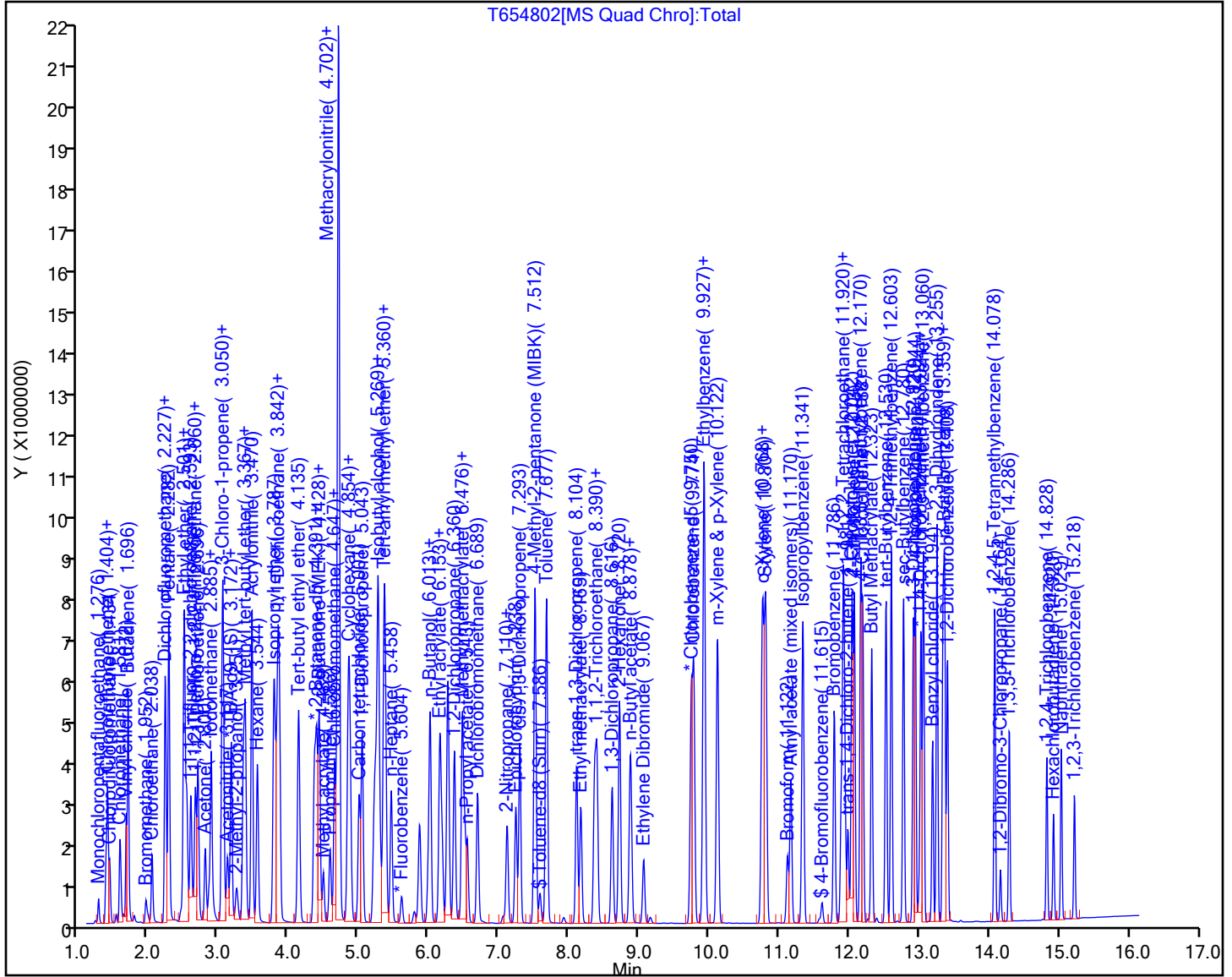
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

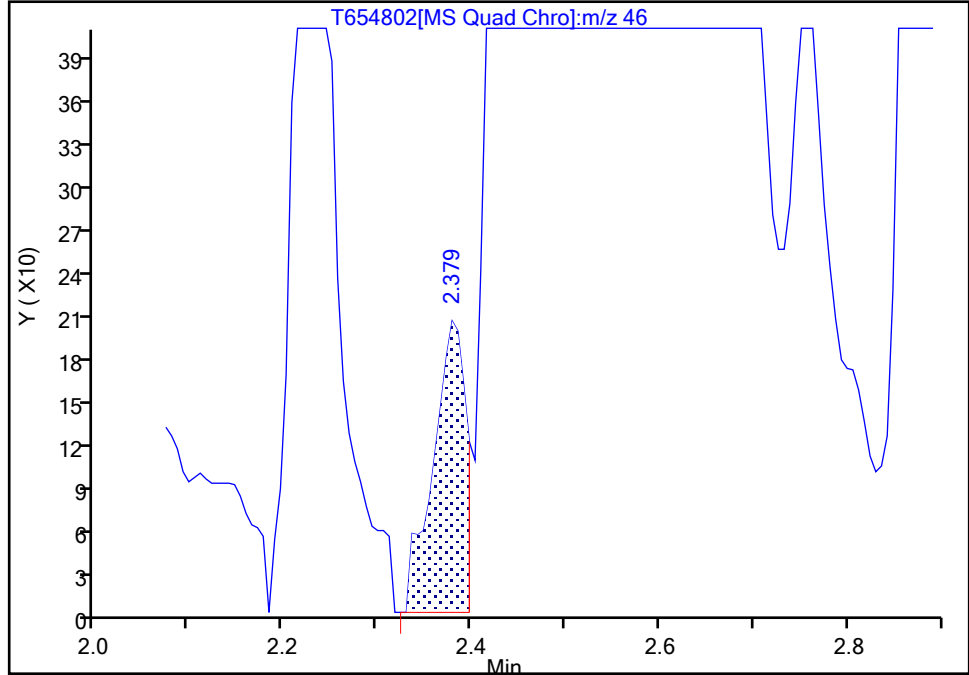
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

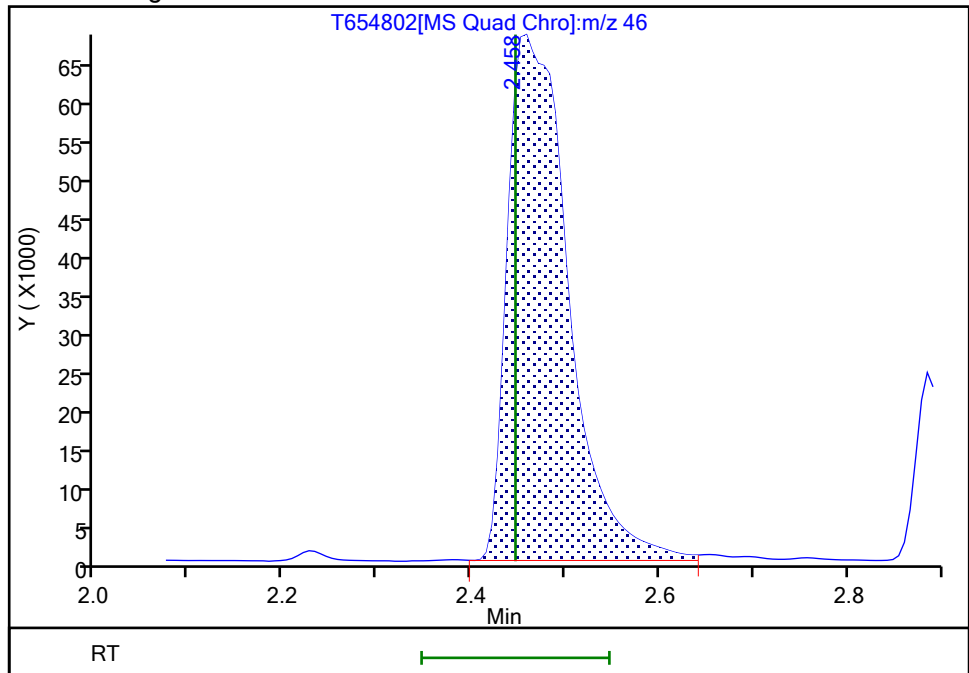
RT: 2.38
Area: 495
Amount: 34.957273
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 309436
Amount: 20757
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:12:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

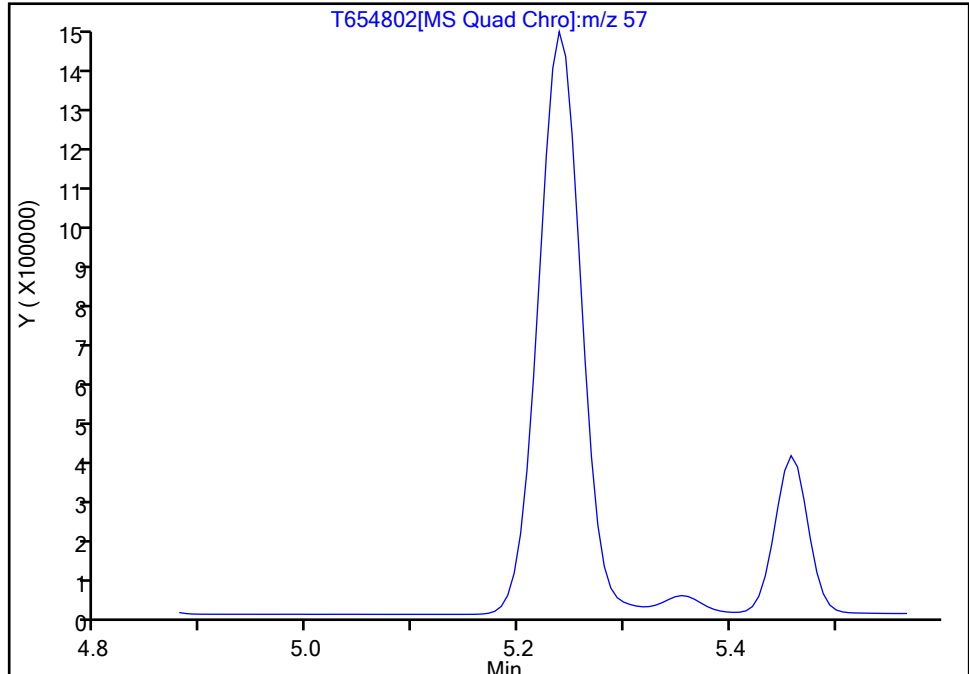
62 Isooctane, CAS: 540-84-1

Signal: 1

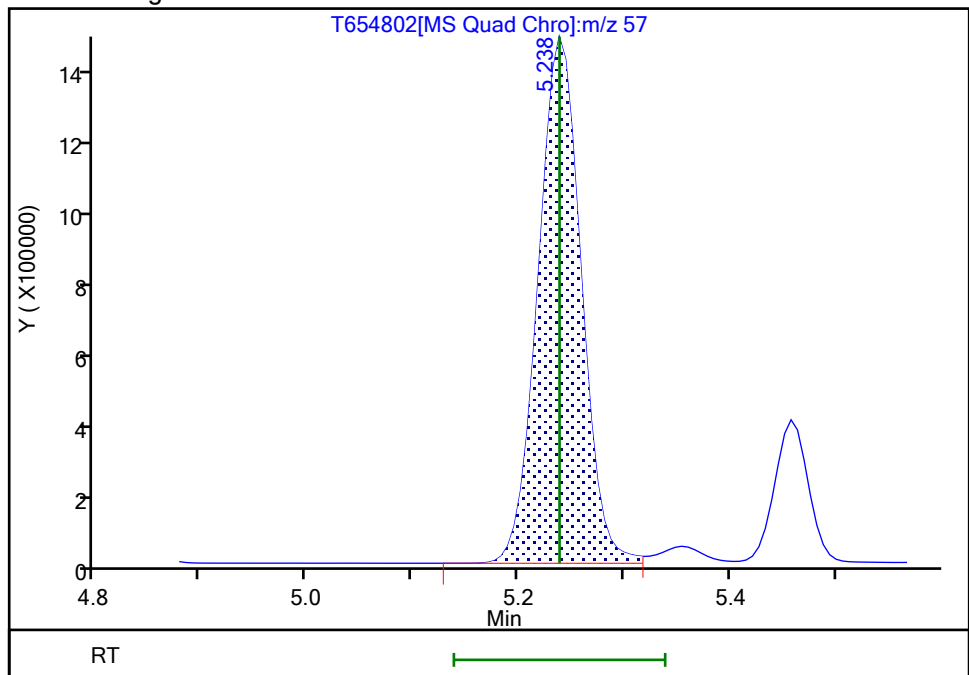
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.24

Area: 4014913

Amount: 573.3972

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 11:13:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

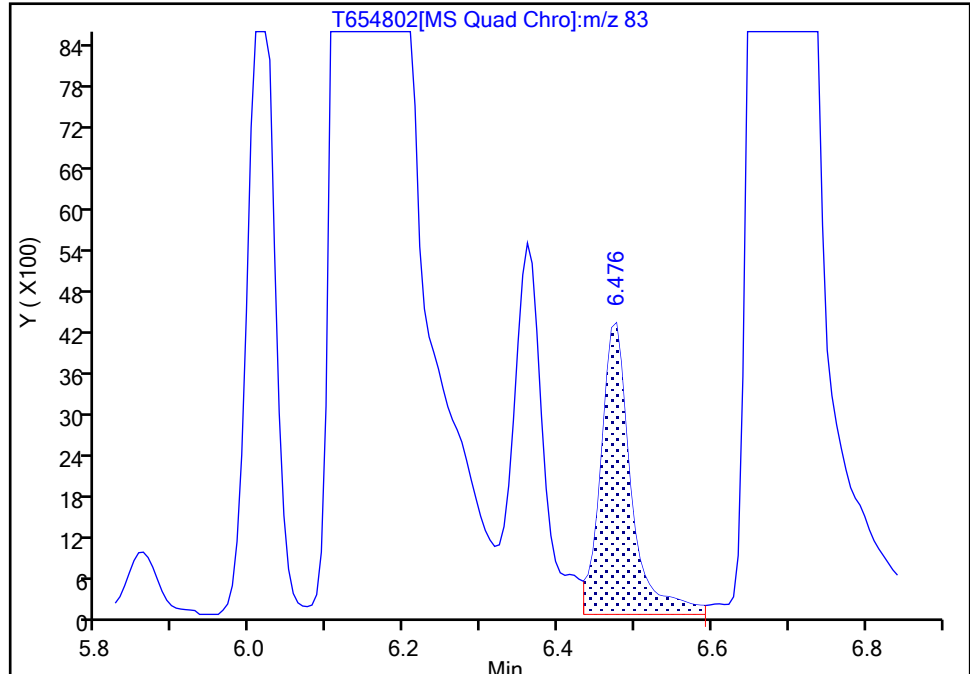
Detector: MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

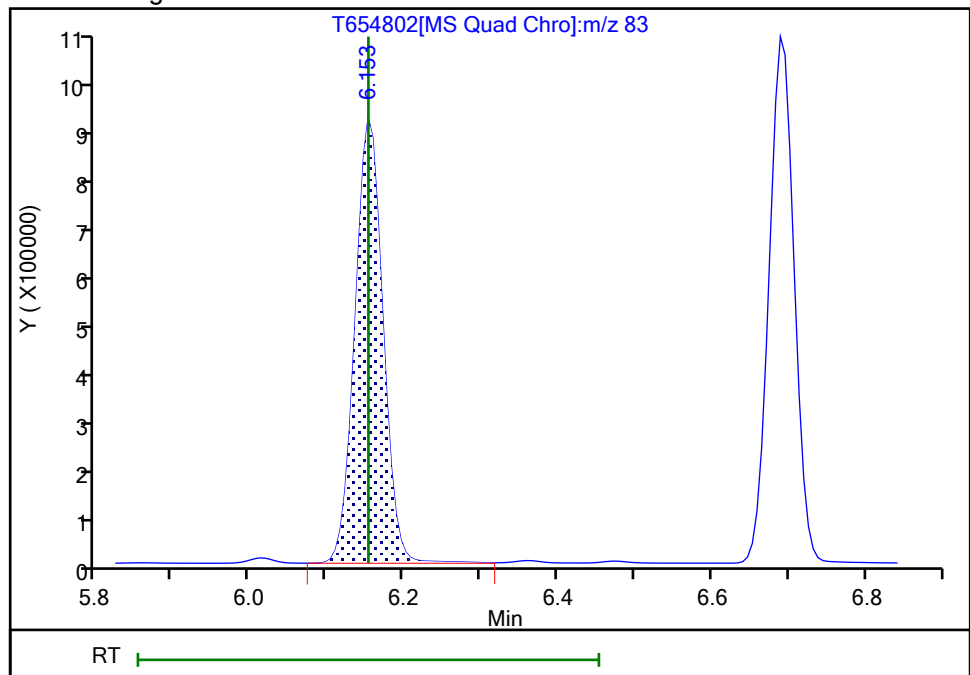
RT: 6.48
Area: 11746
Amount: 3.266903
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 2283163
Amount: 532.1659
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:13:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

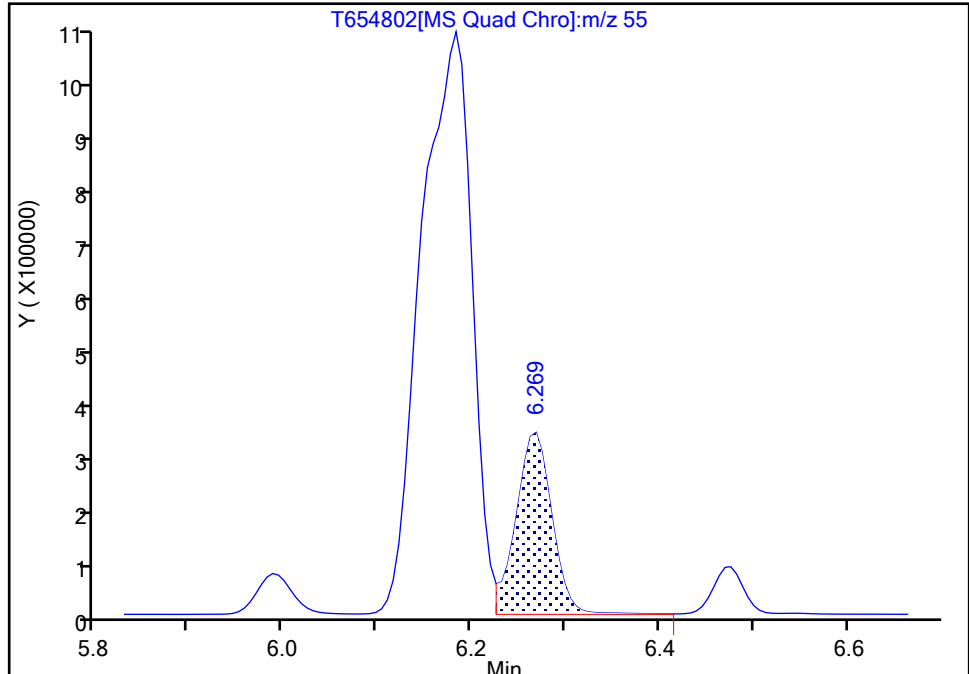
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

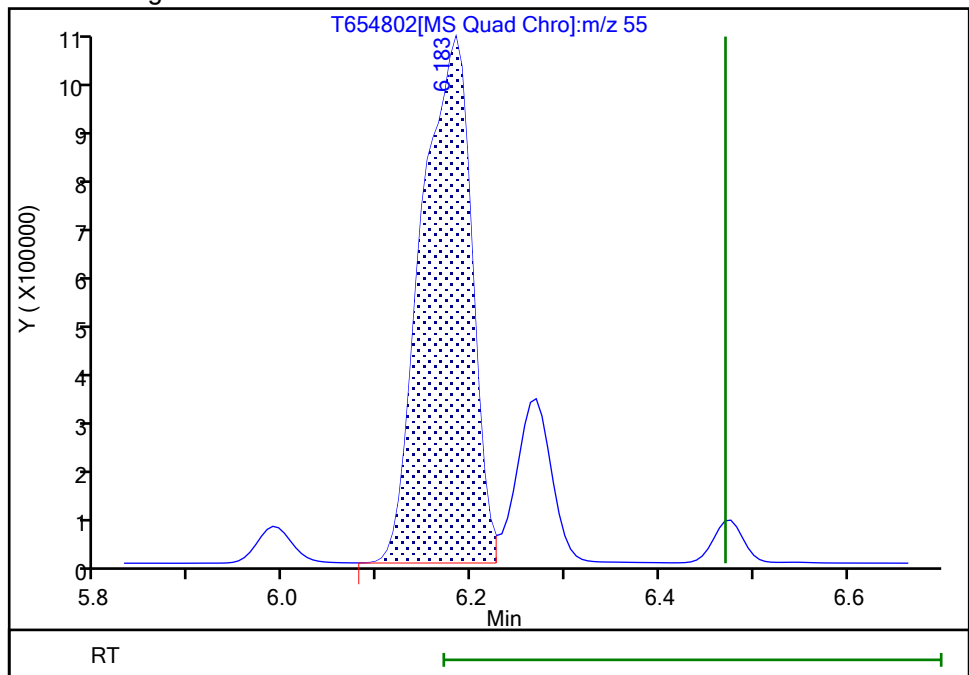
RT: 6.27
Area: 875243
Amount: 500.5285
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 3895584
Amount: 509.8138
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:13:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

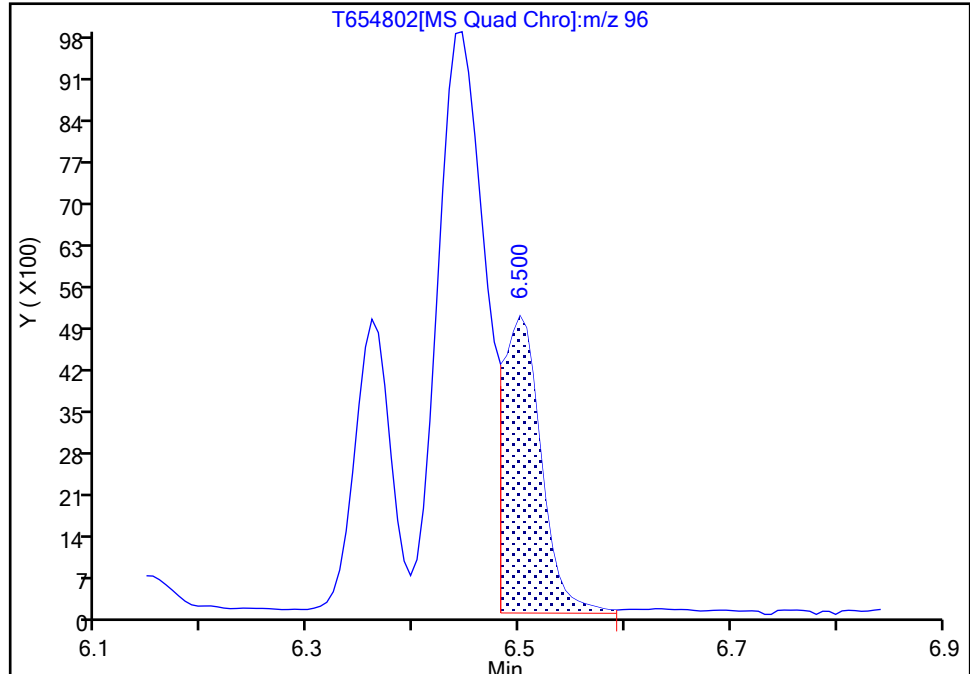
Detector: MS Quad

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

Signal: 1

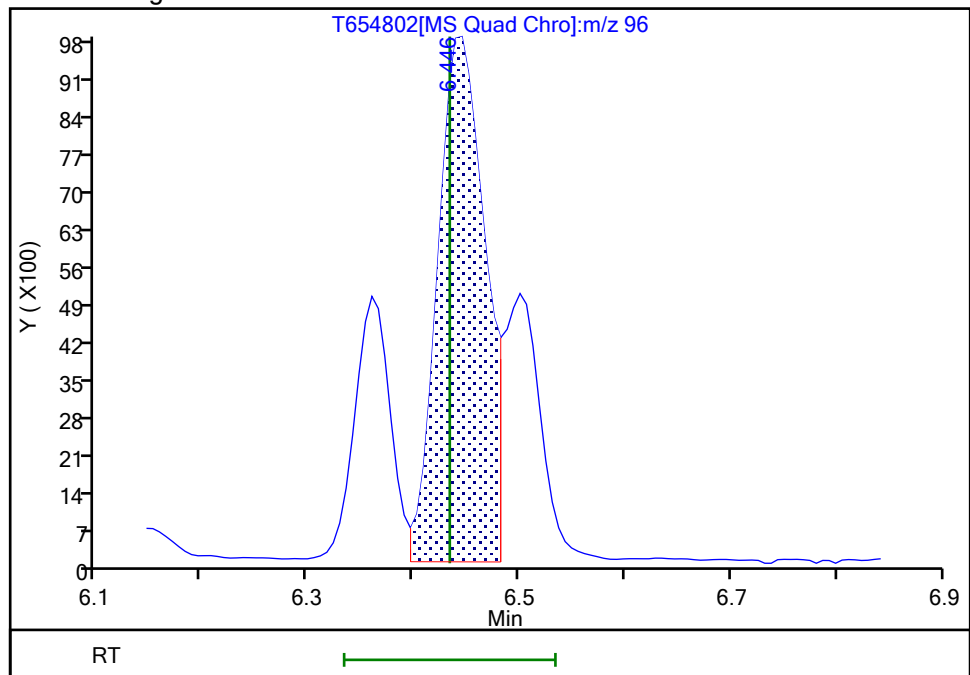
RT: 6.50
Area: 12915
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 6.45
Area: 31347
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:13:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654802.D

Injection Date: 28-Oct-2022 10:37:10

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

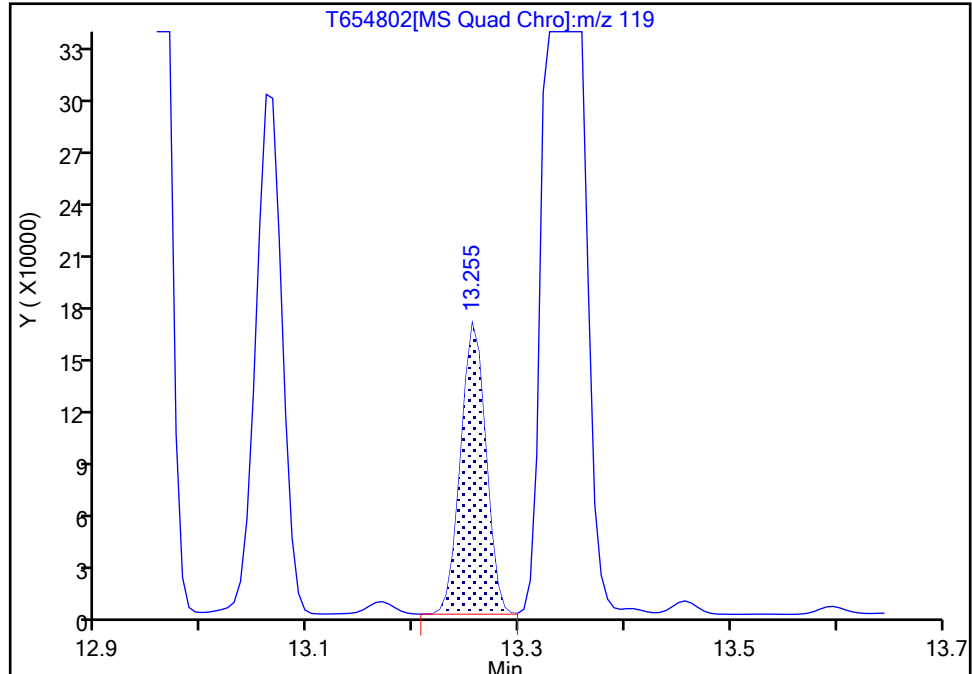
Detector: MS Quad

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

Signal: 1

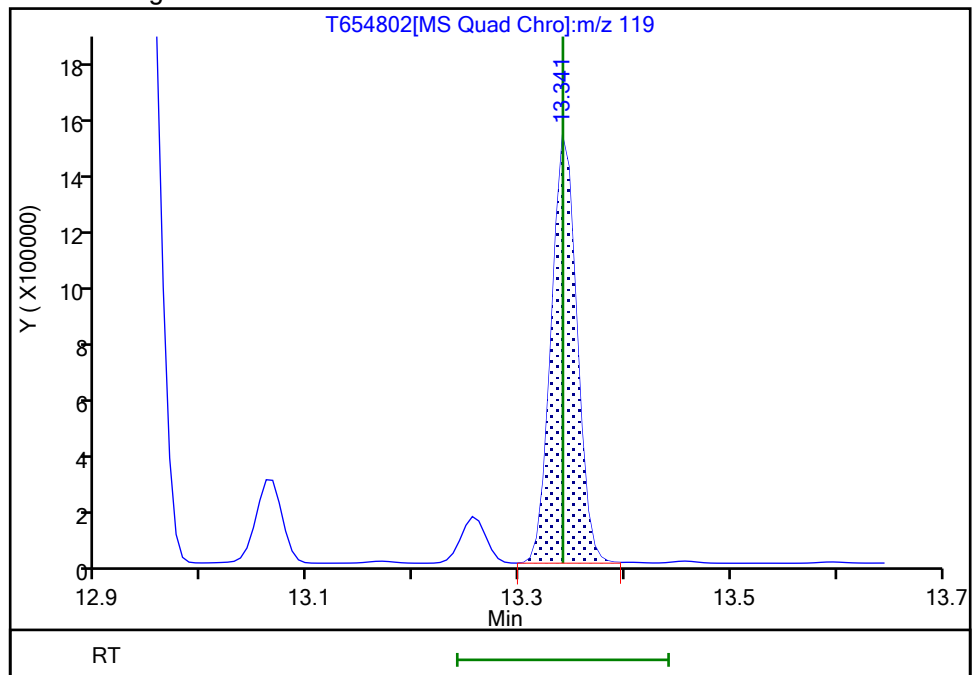
RT: 13.26
Area: 274428
Amount: 54.859469
Amount Units: ug/l

Processing Integration Results



RT: 13.34
Area: 2551655
Amount: 456.7069
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 11:14:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 28-Oct-2022 13:54:14 ALS Bottle#: 0 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0152384-016
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:47:34 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: W9CM

Date: 30-Oct-2022 22:28:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	58	7888	20.0	32.9	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	91	18483	20.0	31.4	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	96	33012	20.0	22.5	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	69761	20.0	21.2	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	13129	20.0	22.3	
6 Chloromethane	50	1.587	1.587	0.000	89	80583	20.0	21.6	
7 Vinyl chloride	62	1.672	1.672	0.000	84	79622	20.0	20.7	
8 Butadiene	54	1.697	1.697	0.000	97	78328	20.0	19.6	
9 Bromomethane	94	1.953	1.953	0.000	97	10855	20.0	18.3	
10 Chloroethane	64	2.044	2.044	0.000	97	55300	20.0	23.6	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	88	121440	20.0	20.5	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	68	86647	20.0	21.3	
13 Pentane	72	2.282	2.282	0.000	96	25551	40.0	47.0	
14 Ethanol	46	2.459	2.459	0.000	97	12628	800.0	796.0	a
15 Ethyl ether	59	2.489	2.489	0.000	89	50845	20.0	19.7	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	98	61304	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	90	46808	20.0	21.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	91	91471	20.0	22.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	90	54439	20.0	21.7	
19 Acrolein	56	2.672	2.672	0.000	23	473	40.0	1.14	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	87	54017	20.0	20.4	
22 Acetone	43	2.800	2.800	0.000	86	80928	100.0	99.1	
23 Iodomethane	142	2.855	2.855	0.000	99	32537	20.0	12.7	
24 Carbon disulfide	76	2.886	2.886	0.000	100	199198	20.0	21.3	
25 Isopropyl alcohol	45	2.892	2.892	0.000	33	35969	200.0	200.0	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	85	39335	20.0	21.2	
29 Cyclopentene	67	3.056	3.056	0.000	90	138573	20.0	20.2	
28 Methyl acetate	43	3.056	3.056	0.000	73	86474	40.0	37.1	
26 Acetonitrile	41	3.117	3.117	0.000	98	73664	200.0	205.6	
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	98	48268	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	54	64660	20.0	19.9	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	99	56971	200.0	192.2	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	161394	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	90	61518	20.0	19.4	
33 Acrylonitrile	53	3.465	3.465	0.000	94	218083	200.0	186.9	
36 Hexane	57	3.550	3.550	0.000	93	79749	20.0	22.5	
40 Isopropyl ether	45	3.782	3.782	0.000	96	200124	20.0	19.9	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	95	122941	20.0	20.1	
38 Vinyl acetate	86	3.837	3.837	0.000	100	25473	40.0	42.3	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	54941	20.0	20.3	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	88	180867	20.0	20.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	59	22891	20.0	20.8	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	89	379269	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	88	67082	20.0	18.6	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	96	32938	100.0	99.7	
47 Ethyl acetate	70	4.434	4.434	0.000	96	12714	40.0	40.4	
48 Methyl acrylate	55	4.489	4.489	0.000	99	51408	20.0	18.2	
46 Propionitrile	54	4.574	4.574	0.000	98	82116	200.0	201.2	
49 Chlorobromomethane	128	4.647	4.647	0.000	96	27988	20.0	20.4	
51 Tetrahydrofuran	72	4.647	4.647	0.000	74	14689	40.0	39.5	
50 Methacrylonitrile	67	4.690	4.690	0.000	93	243141	200.0	188.1	
52 Chloroform	83	4.708	4.708	0.000	80	113742	20.0	19.7	
55 Cyclohexane	84	4.842	4.842	0.000	94	88287	20.0	21.6	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	92	94189	20.0	20.4	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	94	150736	50.0	49.7	
56 Carbon tetrachloride	117	5.001	5.001	0.000	88	78834	20.0	21.0	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	94	92876	20.0	20.9	
59 Isobutyl alcohol	43	5.208	5.208	0.000	94	82301	500.0	510.2	
62 Isooctane	57	5.239	5.239	0.000	95	140114	20.0	21.6	a
60 Benzene	78	5.269	5.269	0.000	97	259444	20.0	20.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	90	192381	50.0	48.1	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	78	165017	20.0	19.5	
63 Isopropyl acetate	61	5.367	5.367	0.000	94	31577	20.0	18.2	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	89	84790	20.0	18.8	
66 n-Heptane	43	5.458	5.458	0.000	92	63718	20.0	21.8	
* 65 Fluorobenzene	96	5.611	5.611	0.000	98	602569	50.0	50.0	
68 n-Butanol	56	5.982	5.982	0.000	88	40228	500.0	509.7	
67 Trichloroethene	95	6.013	6.013	0.000	91	64753	20.0	20.4	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	85393	20.0	21.5	a
71 1,2-Dichloropropane	63	6.360	6.360	0.000	88	67606	20.0	19.7	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	33735	1000.0	1000.0	
69 Ethyl acrylate	55	6.184	6.184	0.000	98	139835	20.0	19.7	a
75 Methyl methacrylate	100	6.476	6.476	0.000	89	27205	40.0	37.9	
74 1,4-Dioxane	88	6.507	6.507	0.000	44	13058	400.0	409.7	
72 Dibromomethane	93	6.507	6.507	0.000	89	38387	20.0	20.2	
76 n-Propyl acetate	43	6.543	6.543	0.000	99	85610	20.0	19.5	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	84916	20.0	19.8	
78 2-Nitropropane	41	7.110	7.110	0.000	85	33607	40.0	34.3	
79 2-Chloroethyl vinyl ether	106	7.116	7.116	0.000	70	7653	20.0	23.4	
80 Epichlorohydrin	57	7.232	7.232	0.000	99	115738	400.0	413.9	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	91	108950	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	98	254162	100.0	100.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.586	7.586	0.000	99	552213	50.0	50.1	
84 Toluene	91	7.677	7.677	0.000	93	255105	20.0	19.9	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	96	96655	20.0	20.5	
86 Ethyl methacrylate	69	8.165	8.165	0.000	89	69887	20.0	19.6	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	92	45536	20.0	20.1	
88 Tetrachloroethene	166	8.397	8.397	0.000	85	52639	20.0	20.7	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	93	92188	20.0	20.4	
90 2-Hexanone	43	8.720	8.720	0.000	97	178721	100.0	98.8	
93 n-Butyl acetate	43	8.872	8.872	0.000	98	85142	20.0	19.1	
91 Chlorodibromomethane	129	8.884	8.884	0.000	93	52712	20.0	20.1	
92 Ethylene Dibromide	107	9.061	9.061	0.000	97	51153	20.0	20.3	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	88	406993	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	91	149150	20.0	20.3	
97 Ethylbenzene	106	9.921	9.921	0.000	99	81965	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	42	50818	20.0	20.2	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	97	101206	20.0	20.7	
99 o-Xylene	106	10.762	10.762	0.000	93	95920	20.0	20.4	
101 n-Butyl acrylate	73	10.786	10.786	0.000	96	43577	20.0	17.7	
100 Styrene	104	10.811	10.811	0.000	92	159819	20.0	20.4	
102 Bromoform	173	11.122	11.122	0.000	91	30768	20.0	20.2	
103 Amyl acetate (mixed isomers)	43	11.171	11.171	0.000	90	100076	20.0	19.4	
104 Isopropylbenzene	105	11.341	11.341	0.000	97	241691	20.0	20.9	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	82	141298	50.0	51.1	
106 Bromobenzene	156	11.792	11.792	0.000	94	53242	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	11.890	11.890	0.000	94	64714	20.0	19.7	
110 N-Propylbenzene	91	11.914	11.914	0.000	98	299823	20.0	21.5	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	85	17166	20.0	19.4	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	89	20314	20.0	19.4	
111 2-Chlorotoluene	91	12.042	12.042	0.000	97	194138	20.0	20.6	
112 4-Ethyltoluene	105	12.073	12.073	0.000	98	228424	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	91	182706	20.0	20.7	
113 4-Chlorotoluene	91	12.195	12.195	0.000	99	195019	20.0	20.5	
115 Butyl Methacrylate	87	12.323	12.323	0.000	94	68728	20.0	20.0	
116 tert-Butylbenzene	119	12.530	12.530	0.000	92	149975	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	187026	20.0	20.5	
118 sec-Butylbenzene	105	12.780	12.780	0.000	98	226524	20.0	21.2	
119 1,3-Dichlorobenzene	146	12.920	12.920	0.000	93	92398	20.0	20.6	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	96	180245	20.0	21.6	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	97	188279	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	86	94646	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	13.060	13.060	0.000	99	179734	20.0	20.6	
124 Benzyl chloride	91	13.195	13.195	0.000	97	123024	20.0	21.4	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	90	171264	20.0	20.3	
127 p-Diethylbenzene	119	13.341	13.341	0.000	89	105198	20.0	21.9	
128 n-Butylbenzene	92	13.365	13.365	0.000	98	97253	20.0	21.1	
126 1,2-Dichlorobenzene	146	13.408	13.408	0.000	93	83979	20.0	20.1	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	136604	20.0	20.9	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	86	10344	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	14.292	14.292	0.000	95	46465	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	14.828	14.828	0.000	93	38526	20.0	19.5	
133 Hexachlorobutadiene	225	14.926	14.926	0.000	76	16515	20.0	22.3	
134 Naphthalene	128	15.036	15.036	0.000	98	107548	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
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	83	30153	20.0	20.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 137 Xylenes, Total	100				0		40.0	41.2	
S 140 Total BTEX	1				0		100.0	102.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	41.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D

Injection Date: 28-Oct-2022 13:54:14

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 16

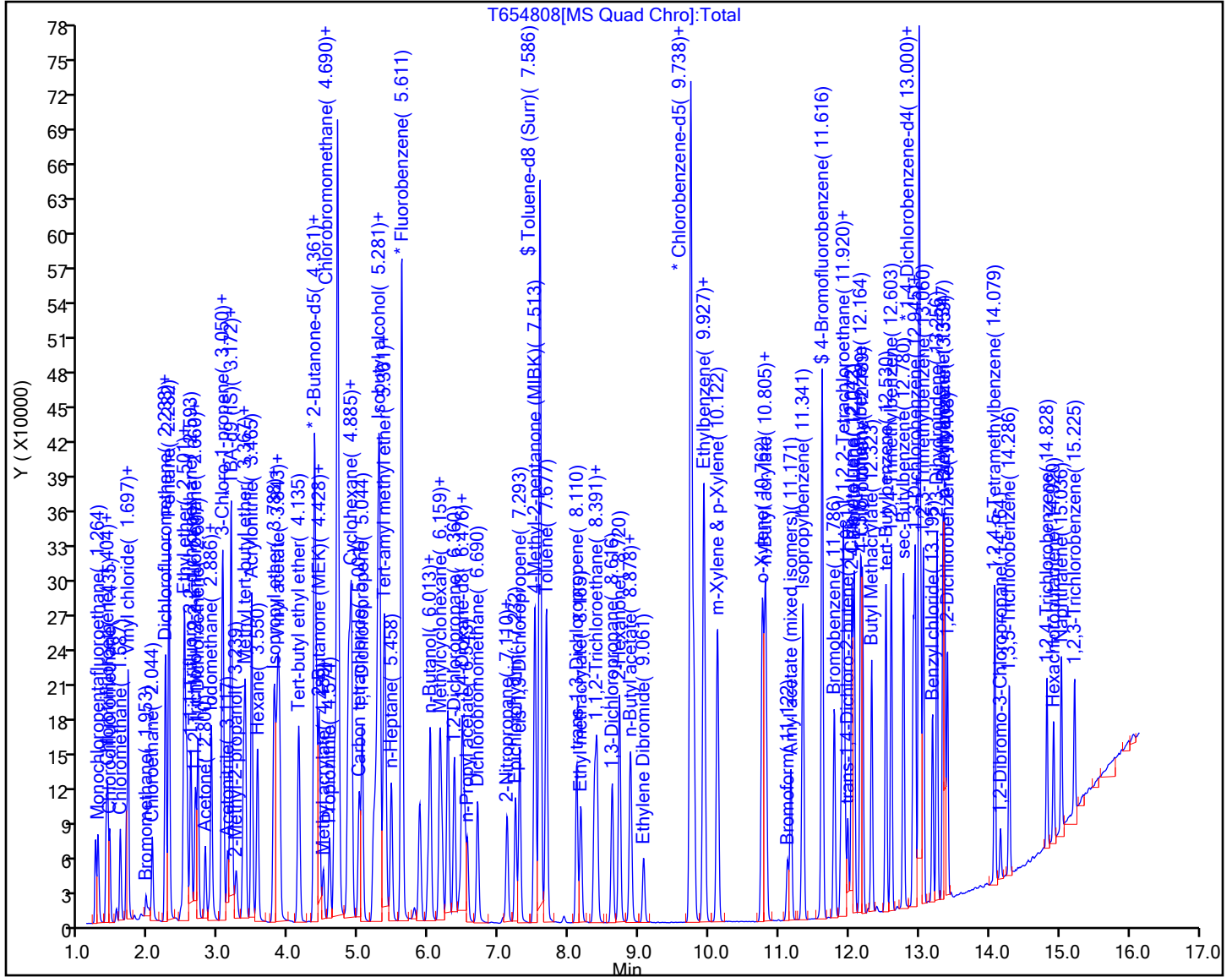
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D

Injection Date: 28-Oct-2022 13:54:14

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

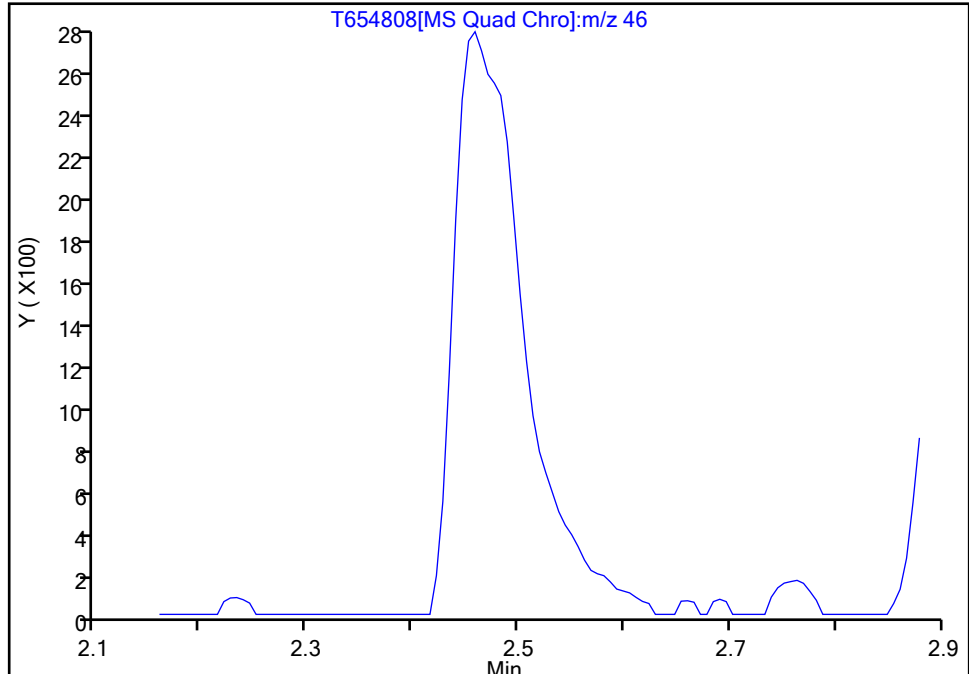
14 Ethanol, CAS: 64-17-5

Signal: 1

Not Detected

Expected RT: 2.46

Processing Integration Results



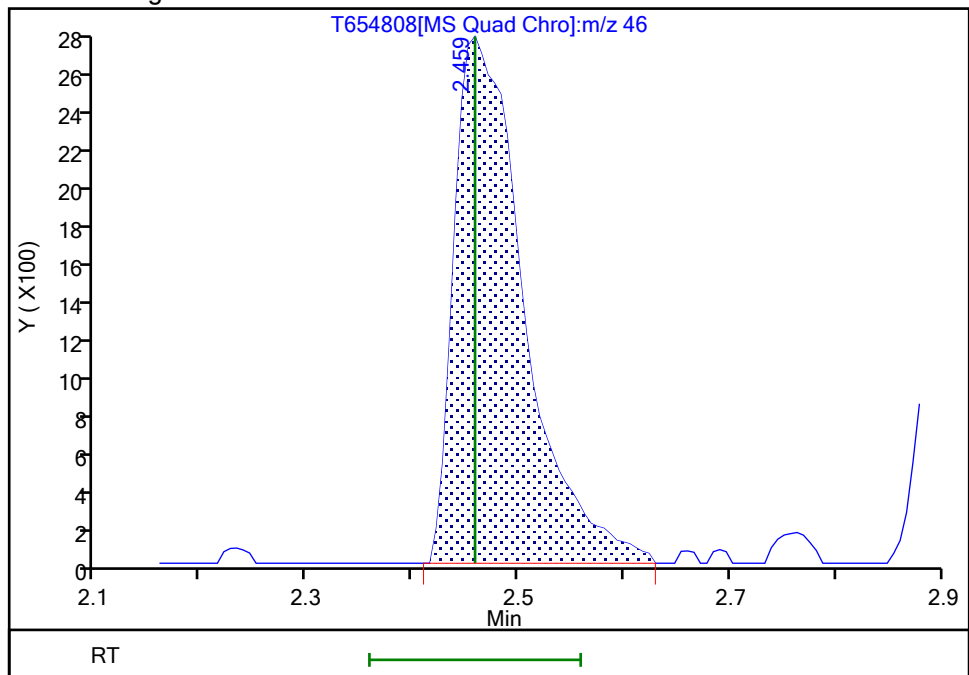
RT: 2.46

Area: 12628

Amount: 796.0493

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 14:13:05

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D

Injection Date: 28-Oct-2022 13:54:14

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

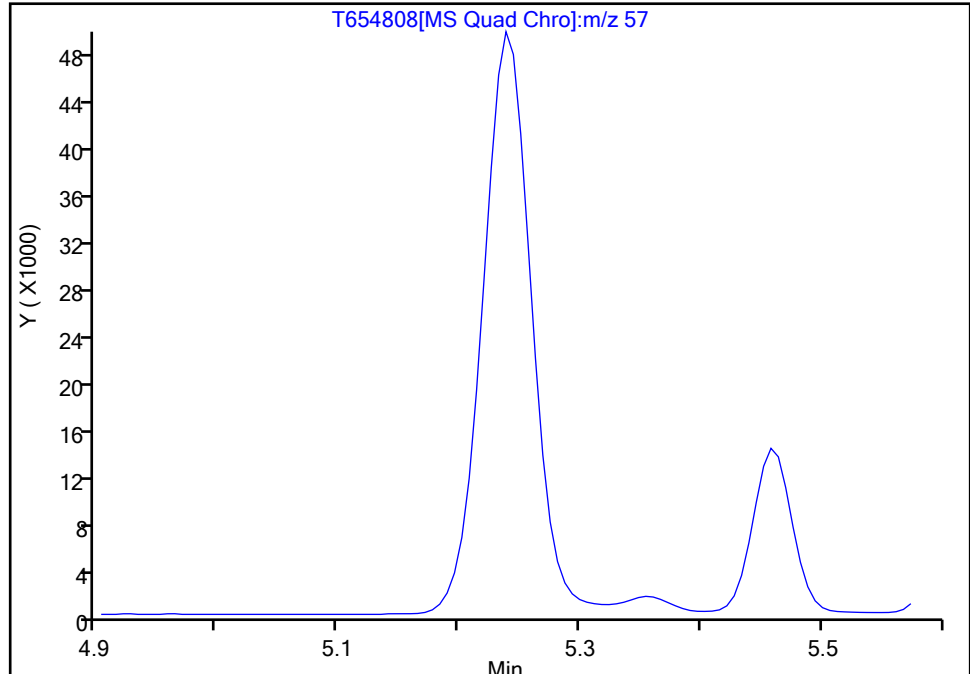
62 Isooctane, CAS: 540-84-1

Signal: 1

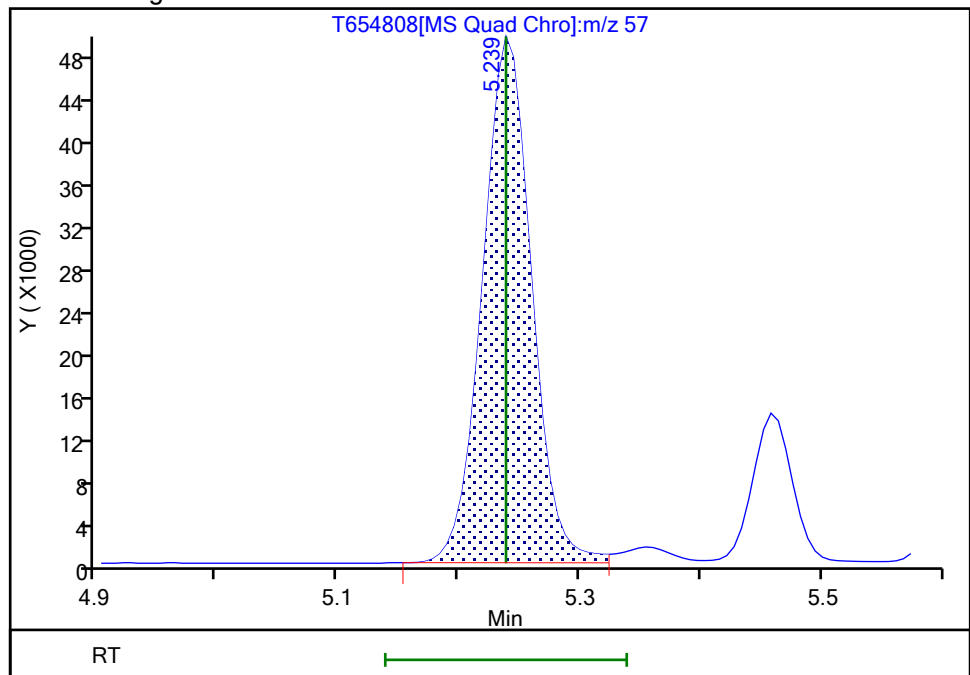
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.24

Area: 140114

Amount: 21.586201

Amount Units: ug/l

Reviewer: FK2C, 28-Oct-2022 14:13:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D

Injection Date: 28-Oct-2022 13:54:14

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

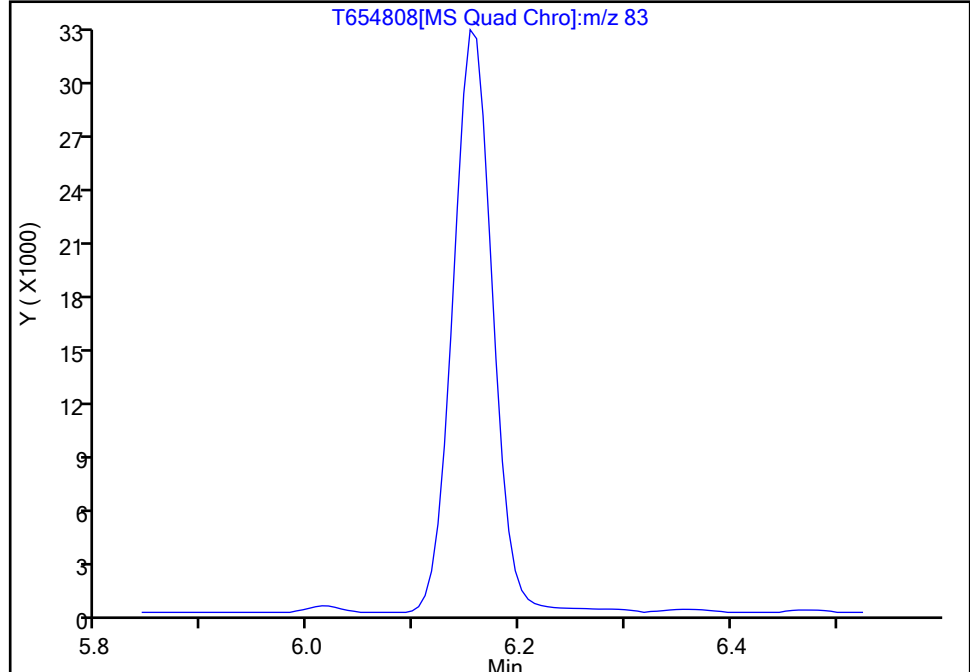
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

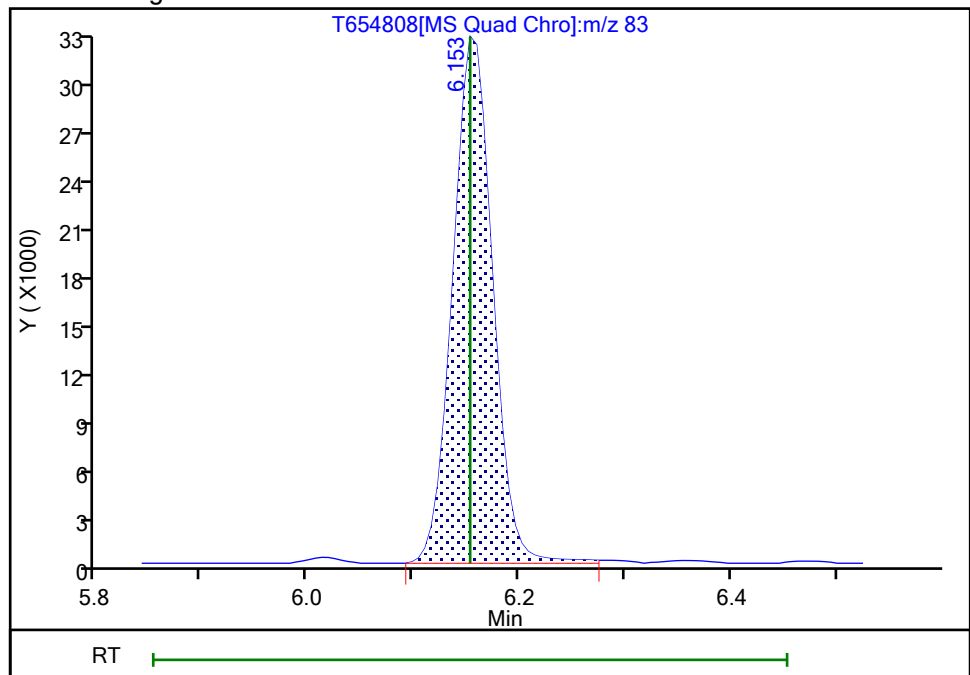
Expected RT: 6.15

Processing Integration Results



RT: 6.15
Area: 85393
Amount: 21.470772
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 14:13:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D

Injection Date: 28-Oct-2022 13:54:14

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

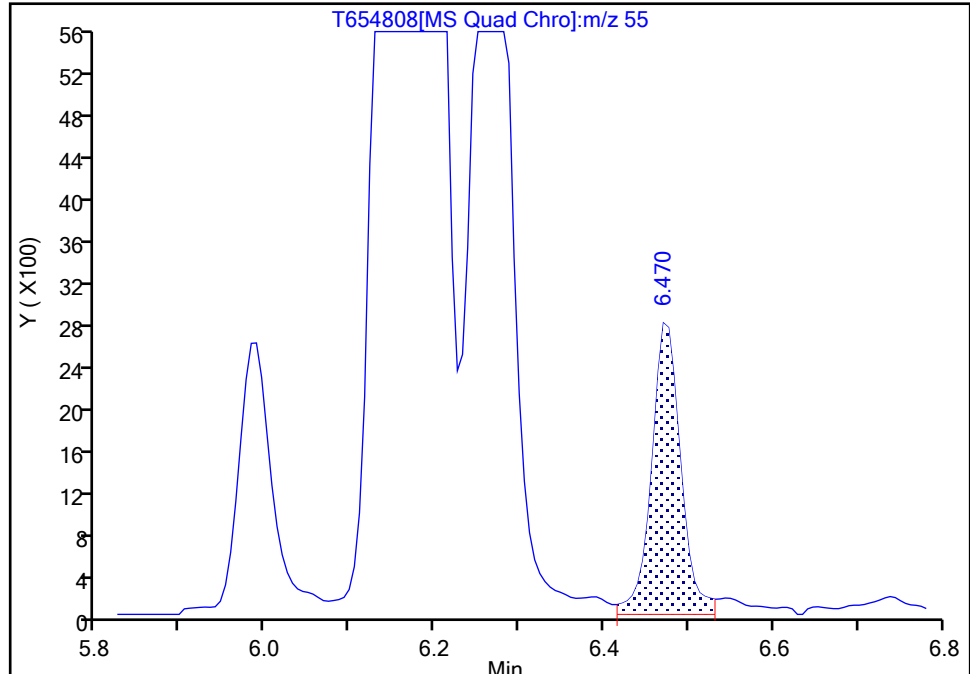
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

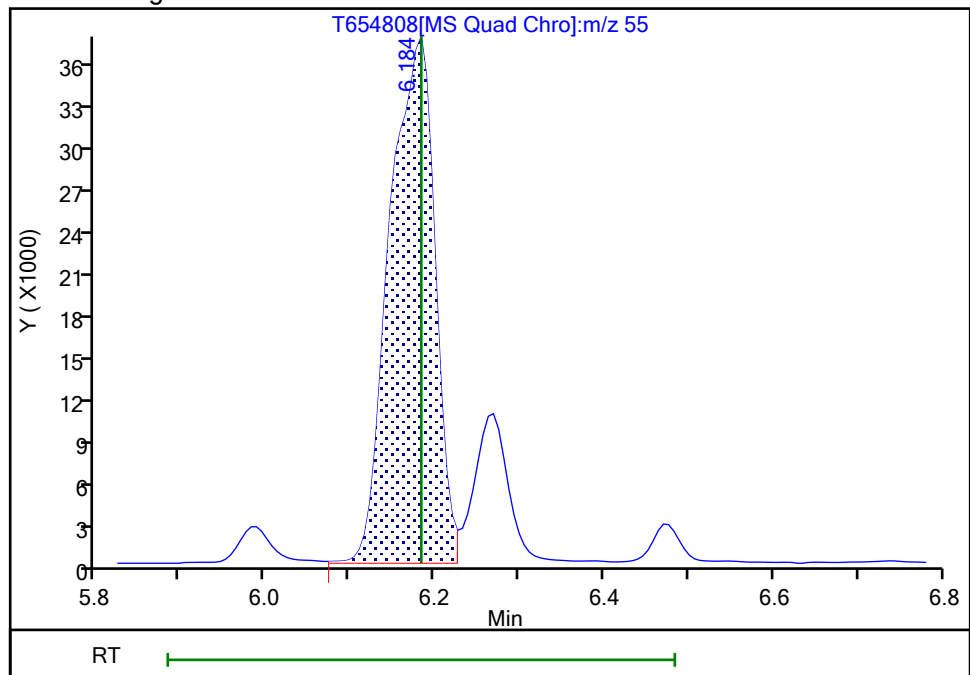
RT: 6.47
Area: 6710
Amount: 1.094158
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 139835
Amount: 19.741048
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 28-Oct-2022 14:13:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-872085/4	TT62095b.D
Level 2	STD1 460-872085/6	TT62097.D
Level 3	STD5 460-872085/7	TT62098.D
Level 4	STD20 460-872085/8	TT62099.D
Level 5	STD50 460-872085/9	TT62100.D
Level 6	STD200 460-872085/10	TT62101.D
Level 7	STD500 460-872085/11	TT62102.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	+++++ 0.1425	0.1750 0.1421	0.1464	0.1500	0.1402	Ave		0.149 4				8.7		20.0			
Dichlorodifluoromethane	+++++ 0.4338	0.4351 0.3826	0.4388	0.3670	0.3404	Ave		0.399 6			0.1000	10.5		20.0			
Chlorodifluoromethane	+++++ 0.0775	0.1427 0.0747	0.1016	0.0916	0.0932	QuaF		0.081 6	-0.000014						1.0000		0.9900
Chloromethane	+++++ 0.6065	0.5520 0.6397	0.6713	0.5245	0.5807	Ave		0.595 8			0.1000	9.2		20.0			
Vinyl chloride	+++++ 0.4748	0.4526 0.4915	0.5309	0.4188	0.4650	Ave		0.472 2			0.1000	8.0		20.0			
Butadiene	0.1797 0.4451	0.5649 0.4216	0.5390	0.4106	0.4337	QuaF		0.456 6	-0.000070						1.0000		0.9900
Bromomethane	+++++ 2.8999	2.4750 3.0056	3.1799	2.6825	3.1024	Ave		2.890 9			0.1000	9.3		20.0			
Chloroethane	+++++ 2.3229	2.7505 2.2974	2.7164	2.3279	2.5608	Ave		2.496 0			0.1000	8.3		20.0			
Dichlorofluoromethane	+++++ 0.8001	0.8089 0.8349	0.8615	0.8072	0.8986	Ave		0.835 2				4.6		20.0			
Trichlorofluoromethane	+++++ 0.4744	0.4871 0.4648	0.5158	0.4408	0.4841	Ave		0.477 8			0.1000	5.2		20.0			
Pentane	+++++ 0.0421	0.0701 0.0555	0.0460	0.0457	0.0426	Qua2	0.059 1	0.040 6	0.0000134						0.9970		0.9900
Ethanol	+++++ 0.2220	+++++ 0.2504	0.2351	0.2406	0.2439	Ave		0.238 4				4.5		20.0			
Ethyl ether	+++++ 0.2130	0.2514 0.2306	0.2319	0.2423	0.2702	Ave		0.239 9				8.2		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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	++++ 0.2995	0.3839 0.3680	0.3326	0.3314	0.3608	Ave		0.346 0				8.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3096	0.3614 0.3173	0.3548	0.3452	0.3611	Ave		0.341 6				6.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.5351	0.6593 0.5486	0.5893	0.5811	0.6352	Ave		0.591 4				8.2		20.0			
Acrolein	++++ 0.0436	0.0258 0.0549	0.0499	0.0535	0.0511	QuaF		0.040 2	0.0000360						0.9960		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2698	0.4029 0.2650	0.2955	0.3032	0.2851	Ave		0.303 6			0.1000	16.7		20.0			
1,1-Dichloroethene	++++ 0.3211	0.4177 0.3475	0.3733	0.3627	0.4048	Ave		0.371 2			0.1000	9.7		20.0			
Acetone	++++ 0.8833	1.3657 0.8451	0.9336	0.9177	1.0263	Ave		0.995 3			0.0500	19.2		20.0			
Iodomethane	++++ 0.6192	0.6933 0.6977	0.6798	0.7032	0.7931	Ave		0.697 7				8.0		20.0			
Isopropyl alcohol	++++ 3.0900	3.1801 3.5926	2.7252	3.3817	3.6784	Ave		3.274 7				10.8		20.0			
Carbon disulfide	++++ 1.3023	1.9123 1.3862	1.6098	1.5286	1.7193	Ave		1.576 4			0.1000	14.1		20.0			
3-Chloro-1-propene	++++ 0.2450	0.3481 0.2905	0.2905	0.2702	0.3155	Ave		0.293 3				12.2		20.0			
Methyl acetate	++++ 0.2644	0.3017 0.2981	0.3100	0.3201	0.3518	Ave		0.307 7			0.1000	9.3		20.0			
Cyclopentene	++++ 0.8333	0.9338 1.0181	0.9435	0.9204	1.0295	Ave		0.946 4				7.6		20.0			
Acetonitrile	++++ 0.1139	0.1152 0.1270	0.1065	0.1163	0.1469	Ave		0.121 0				11.8		20.0			
Methylene Chloride	++++ 0.4210	0.4923 0.4639	0.4654	0.4787	0.5365	Ave		0.476 3			0.1000	8.0		20.0			
2-Methyl-2-propanol	++++ 9.5110	11.254 9.7033	10.870	10.551	11.786	Ave		10.61 3				8.3		20.0			
Methyl tert-butyl ether	++++ 1.1051	1.2160 1.1934	1.1967	1.2017	1.3598	Ave		1.212 1			0.1000	6.8		20.0			
trans-1,2-Dichloroethene	++++ 0.3624	0.4385 0.3966	0.4081	0.4155	0.4708	Ave		0.415 3			0.1000	8.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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								
Acrylonitrile	0.1030 0.1447	0.1476 0.1591	0.1603	0.1637	0.1743	Ave		0.150 2				14.3		20.0			
Hexane	++++ 0.3273	0.6336 0.3181	0.3870	0.4019	0.3633	Qua2	0.270 0	0.359 9	-0.000094						0.9960		0.9900
Isopropyl ether	++++ 1.3130	1.4846 1.4162	1.4914	1.4974	1.7052	Ave		1.484 6				8.7		20.0			
1,1-Dichloroethane	++++ 0.6846	0.7618 0.7331	0.7856	0.7895	0.8926	Ave		0.774 5		0.2000		9.0		20.0			
Vinyl acetate	++++ 0.2415	++++ 0.6498	0.3485	0.5542	0.4852	Ave		0.455 8				35.6	*	20.0			
2-Chloro-1,3-butadiene	++++ 0.3161	0.3582 0.3665	0.3534	0.3415	0.3907	Ave		0.354 4				7.0		20.0			
tert-butyl ethyl ether	++++ 1.2121	1.3638 1.3143	1.3495	1.3347	1.5131	Ave		1.347 9				7.2		20.0			
2,2-Dichloropropane	++++ 0.0992	0.1197 0.1084	0.1075	0.1111	0.1244	Ave		0.111 7				8.1		20.0			
cis-1,2-Dichloroethene	++++ 0.4143	0.4763 0.4612	0.4591	0.4681	0.5280	Ave		0.467 8		0.1000		7.8		20.0			
Ethyl acetate	++++ 0.3172	0.3701 0.3510	0.3326	0.3098	0.3790	Ave		0.343 3				8.2		20.0			
2-Butanone (MEK)	++++ 0.3513	0.3704 0.3690	0.3581	0.3493	0.3979	Ave		0.366 0		0.0500		4.9		20.0			
Methyl acrylate	++++ 0.3132	0.3761 0.3738	0.3367	0.3296	0.3623	Ave		0.348 6				7.4		20.0			
Propionitrile	++++ 13.740	12.037 13.551	12.752	14.887	15.728	Ave		13.78 3				9.8		20.0			
Chlorobromomethane	++++ 0.1982	0.2230 0.2242	0.2157	0.2202	0.2535	Ave		0.222 5				8.1		20.0			
Tetrahydrofuran	++++ 0.4227	0.3981 0.4310	0.4128	0.4033	0.4871	Ave		0.425 8				7.6		20.0			
Methacrylonitrile	++++ 0.1568	0.1550 0.1719	0.1628	0.1596	0.1775	Ave		0.163 9				5.5		20.0			
Chloroform	++++ 0.6366	0.7279 0.6838	0.7211	0.7319	0.8145	Ave		0.719 3		0.2000		8.2		20.0			
Cyclohexane	++++ 0.4387	0.5851 0.4504	0.4941	0.4994	0.5055	Ave		0.495 5		0.1000		10.4		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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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-Trichloroethane	++++ 0.5199	0.6120 0.5646	0.5845	0.5812	0.6618	Ave		0.587 3			0.1000	8.1		20.0			
Carbon tetrachloride	++++ 0.4256	0.4959 0.4587	0.4719	0.4789	0.5350	Ave		0.477 7			0.1000	7.7		20.0			
1,1-Dichloropropene	++++ 0.4738	0.5540 0.5044	0.5368	0.5179	0.6037	Ave		0.531 8				8.4		20.0			
Isobutyl alcohol	++++ 5.4873	5.3990 5.9465	4.8995	5.4711	6.1046	Ave		5.551 3				7.7		20.0			
Isooctane	++++ 0.9933	1.4545 1.3527	1.0080	1.0406	0.9320	Ave		1.130 2				19.2		20.0			
Benzene	++++ 2.1922	2.4607 2.2198	2.4273	2.4422	2.8014	Ave		2.423 9			0.5000	9.0		20.0			
tert-amyl methyl ether	++++ 1.3406	1.4124 1.4956	1.4215	1.4105	1.6405	Ave		1.453 5				7.2		20.0			
Isopropyl acetate	++++ 0.2090	0.2124 0.2291	0.2146	0.2175	0.2396	Ave		0.220 4				5.3		20.0			
1,2-Dichloroethane	++++ 0.4548	0.4999 0.4827	0.5055	0.4999	0.5579	Ave		0.500 1			0.1000	6.8		20.0			
n-Heptane	++++ 0.0484	0.0809 0.0544	0.0639	0.0621	0.0559	Qua2	0.024 2	0.057 2	-0.000011						0.9950		0.9900
n-Butanol	++++ 1.8710	++++ 2.1371	1.2927	1.6176	2.0387	Ave		1.791 4				19.1		20.0			
Trichloroethene	++++ 0.4106	0.4333 0.4022	0.4039	0.3894	0.4649	Ave		0.417 4			0.2000	6.6		20.0			
Methylcyclohexane	++++ 0.4818	0.6893 0.5026	0.5030	0.5361	0.5128	Ave		0.537 6			0.1000	14.2		20.0			
Ethyl acrylate	++++ 0.0467	0.0289 0.0541	0.0455	0.0470	0.0473	Ave		0.044 9				18.8		20.0			
1,2-Dichloropropane	++++ 0.4097	0.4286 0.4498	0.4255	0.4293	0.5006	Ave		0.440 6			0.1000	7.3		20.0			
Methyl methacrylate	++++ 0.0865	0.0796 0.1024	0.0838	0.0879	0.0978	Ave		0.089 7				9.7		20.0			
1,4-Dioxane	++++ 1.1173	1.2358 0.9664	1.4066	1.5117	1.5985	Ave		1.306 0				18.6		20.0			
Dibromomethane	++++ 0.2288	0.2440 0.2564	0.2523	0.2315	0.2677	Ave		0.246 8				6.1		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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	++++ 0.5079	0.4813 0.5748	0.4943	0.5025	0.5731	Ave		0.522 3				7.8		20.0			
Dichlorobromomethane	++++ 0.5042	0.5106 0.5603	0.5026	0.5017	0.5885	Ave		0.528 0			0.2000	7.0		20.0			
2-Nitropropane	++++ 0.0811	0.1172 0.0943	0.0834	0.0862	0.0920	Ave		0.092 4				14.2		20.0			
2-Chloroethyl vinyl ether	++++ 0.2320	0.2275 0.2697	0.2280	0.2280	0.2644	Ave		0.241 6				8.2		20.0			
Epichlorohydrin	0.2712 0.2760	0.3032 0.2969	0.2754	0.2785	0.3225	Ave		0.280 5				10.7		20.0			
cis-1,3-Dichloropropene	++++ 0.8517	0.8419 0.9133	0.8116	0.8436	0.9860	Ave		0.874 7			0.2000	7.3		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.3552	1.2449 1.3908	1.3135	1.4166	1.5790	Ave		1.383 3			0.0500	8.2		20.0			
Toluene	++++ 2.1662	2.4505 2.2678	2.2919	2.2864	2.6552	Ave		2.353 0			0.4000	7.4		20.0			
trans-1,3-Dichloropropene	++++ 0.7066	0.6875 0.7548	0.7175	0.7098	0.8234	Ave		0.733 3			0.1000	6.7		20.0			
Ethyl methacrylate	++++ 0.7006	0.5713 0.7287	0.7215	0.7053	0.8251	Ave		0.708 8				11.5		20.0			
1,1,2-Trichloroethane	++++ 0.4037	0.4383 0.4275	0.4272	0.4227	0.4781	Ave		0.432 9			0.1000	5.7		20.0			
Tetrachloroethene	++++ 0.4874	0.5419 0.5024	0.5035	0.5074	0.5799	Ave		0.520 4			0.2000	6.6		20.0			
1,3-Dichloropropane	++++ 0.7532	0.7893 0.7960	0.7876	0.7885	0.9012	Ave		0.802 6				6.3		20.0			
2-Hexanone	++++ 1.9966	1.9829 1.9935	1.9846	2.0147	2.3467	Ave		2.053 2			0.0500	7.0		20.0			
n-Butyl acetate	++++ 0.8575	0.8689 0.8483	0.9440	0.9064	1.0302	Ave		0.909 2				7.6		20.0			
Chlorodibromomethane	++++ 0.5077	0.5232 0.5427	0.5011	0.5188	0.5929	Ave		0.531 1			0.1000	6.3		20.0			
Ethylene Dibromide	++++ 0.4471	0.4418 0.4629	0.4568	0.4649	0.5273	Ave		0.466 8			0.1000	6.6		20.0			
Chlorobenzene	++++ 1.3374	1.4173 1.4162	1.3883	1.4059	1.6253	Ave		1.431 7			0.5000	6.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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								
Ethylbenzene	++++ 0.7516	0.8352 0.7887	0.8024	0.8320	0.9366	Ave		0.824 4			0.1000	7.6		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.5406	0.5534 0.5552	0.5673	0.5584	0.6507	Ave		0.570 9				7.0		20.0			
m-Xylene & p-Xylene	++++ 0.9247	0.9742 0.9413	0.9680	1.0052	1.1504	Ave		0.994 0			0.1000	8.2		20.0			
o-Xylene	++++ 0.9983	1.0499 1.0137	1.0300	1.0756	1.2483	Ave		1.069 3			0.3000	8.6		20.0			
n-Butyl acrylate	++++ 0.4376	0.4327 0.4440	0.4768	0.4437	0.5175	Ave		0.458 7				7.1		20.0			
Styrene	++++ 1.5106	1.4491 1.5359	1.4950	1.6118	1.8646	Ave		1.577 8			0.3000	9.5		20.0			
Bromoform	++++ 0.3406	0.3570 0.3546	0.3379	0.3369	0.3896	Ave		0.352 8			0.1000	5.7		20.0			
Amyl acetate (mixed isomers)	++++ 2.0759	1.3776 2.2211	1.9555	2.0422	2.4104	Ave		2.013 8				17.4		20.0			
Isopropylbenzene	++++ 2.4864	2.5329 2.3443	2.4943	2.6565	3.0763	Ave		2.598 5			0.1000	9.8		20.0			
Bromobenzene	++++ 1.0910	0.9838 1.2406	1.0292	1.0989	1.2905	Ave		1.122 3				10.7		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.0934	1.1173 1.3835	1.1284	1.2930	1.3716	Ave		1.231 2			0.3000	10.9		20.0			
N-Propylbenzene	++++ 5.4927	5.7305 5.5813	5.4714	5.7747	6.7189	Ave		5.794 9				8.1		20.0			
1,2,3-Trichloropropane	++++ 0.3088	0.3257 0.3376	0.3137	0.3393	0.3579	Ave		0.330 5				5.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2284	0.2164 0.2508	0.1770	0.1937	0.2334	Ave		0.216 6				12.5		20.0			
2-Chlorotoluene	++++ 3.7467	3.8445 4.0137	3.7057	3.9478	4.5345	Ave		3.965 5				7.6		20.0			
4-Ethyltoluene	++++ 4.4854	4.4851 4.9240	4.3587	4.7215	5.3870	Ave		4.727 0				8.1		20.0			
1,3,5-Trimethylbenzene	++++ 4.0000	3.8998 4.1754	3.7130	4.0701	4.7311	Ave		4.098 2				8.5		20.0			
4-Chlorotoluene	++++ 3.5563	3.5178 3.7640	3.4817	3.7047	4.2758	Ave		3.716 7				7.9		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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	++++ 1.5146	1.0426 1.7151	1.3122	1.4310	1.7615	Ave		1.462 8				18.2		20.0			
tert-Butylbenzene	++++ 3.3498	2.8219 3.4781	2.8038	3.0609	3.7349	Ave		3.208 2				11.7		20.0			
1,2,4-Trimethylbenzene	++++ 4.1258	3.9293 4.2519	3.9389	4.3006	5.0310	Ave		4.262 9				9.5		20.0			
sec-Butylbenzene	++++ 5.2180	4.7698 5.2550	4.7465	5.1318	6.0642	Ave		5.197 6				9.2		20.0			
1,3-Dichlorobenzene	++++ 2.0772	2.1072 2.2366	2.0567	2.1489	2.5015	Ave		2.188 0			0.6000	7.6		20.0			
4-Isopropyltoluene	++++ 4.3869	3.8782 4.3765	4.0088	4.3129	5.1009	Ave		4.344 0				9.8		20.0			
1,4-Dichlorobenzene	++++ 2.0789	2.2356 2.2129	2.0822	2.1766	2.4934	Ave		2.213 3			0.5000	6.9		20.0			
1,2,3-Trimethylbenzene	++++ 4.4777	4.0942 4.8127	4.0608	4.3907	5.2075	Ave		4.507 3				9.8		20.0			
Benzyl chloride	++++ 1.3997	1.3474 1.5199	1.2867	1.4020	1.6166	Ave		1.428 7				8.4		20.0			
Indan	++++ 4.2004	4.0374 4.5346	3.9817	4.3214	5.0042	Ave		4.346 6				8.7		20.0			
p-Diethylbenzene	++++ 2.3101	2.3350 2.4531	2.1798	2.3319	2.7055	Ave		2.385 9				7.5		20.0			
n-Butylbenzene	++++ 2.2668	2.2489 2.1718	2.2478	2.3885	2.7322	Ave		2.342 7				8.7		20.0			
1,2-Dichlorobenzene	++++ 2.1083	2.0973 2.2236	2.1446	2.2786	2.5888	Ave		2.240 2			0.4000	8.2		20.0			
1,2,4,5-Tetramethylbenzene	++++ 4.4723	3.9001 4.5956	3.9029	4.3150	5.1156	Ave		4.383 6				10.5		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2689	0.2752 0.2923	0.2668	0.2651	0.2970	Ave		0.277 6			0.0500	5.0		20.0			
1,3,5-Trichlorobenzene	++++ 1.8275	1.7440 1.8799	1.6706	1.8184	2.0708	Ave		1.835 2				7.4		20.0			
1,2,4-Trichlorobenzene	++++ 1.7178	1.7541 1.6039	1.6464	1.6972	1.9927	Ave		1.735 4			0.2000	7.9		20.0			
Hexachlorobutadiene	++++ 0.7247	0.6924 0.7033	0.6705	0.6635	0.7792	Ave		0.705 6				6.0		20.0			

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

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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	+++++ 4.3656	4.2401 4.2551	4.2473	4.3995	5.0398	Ave		4.424 6				7.0		20.0			
1,2,3-Trichlorobenzene	+++++ 1.6764	1.5676 1.5562	1.5886	1.6736	1.9495	Ave		1.668 6				8.8		20.0			
Dibromofluoromethane (Surr)	0.2573 0.2454	0.2692 0.2465	0.2610	0.2661	0.2539	Ave		0.257 0				3.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2678 0.2817	0.2818 0.3098	0.2888	0.2823	0.2783	Ave		0.284 3				4.5		20.0			
Toluene-d8 (Surr)	1.3587 1.3356	1.3593 1.2977	1.3376	1.3562	1.3445	Ave		1.341 4				1.6		20.0			
4-Bromofluorobenzene	0.3981 0.3867	0.4080 0.3655	0.4047	0.3954	0.3978	Ave		0.393 7				3.6		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-872085/4	TT62095b.D
Level 2	STD1 460-872085/6	TT62097.D
Level 3	STD5 460-872085/7	TT62098.D
Level 4	STD20 460-872085/8	TT62099.D
Level 5	STD50 460-872085/9	TT62100.D
Level 6	STD200 460-872085/10	TT62101.D
Level 7	STD500 460-872085/11	TT62102.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	++++ 248518	1424 635573	5707	23811	50385	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 756793	3540 1711190	17104	58254	122353	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	QuaF	++++ 135205	1161 334117	3959	14544	33513	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1058129	4491 2861234	26168	83262	208729	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 828272	3682 2198128	20694	66477	167156	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	QuaF	599 776476	4596 1885591	21012	65170	155889	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	++++ 617055	2344 1706062	14881	50466	130075	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	BUT	Ave	++++ 494268	2605 1304062	12712	43796	107366	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1395830	6581 3734357	33582	128136	323003	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 827566	3963 2078851	20107	69973	174017	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Qua2	++++ 146760	1141 496470	3583	14504	30606	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 59595	++++ 196915	1485	5872	13138	++++ 8000	++++ 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 371632	2045 1031196	9039	38454	97124	++++ 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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	++++ 522508	3123 1646134	12967	52600	129692	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 540079	2940 1419265	13831	54803	129790	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 933507	5364 2453468	22971	92235	228321	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	FB	QuaF	++++ 76086	839 196493	7777	16989	36711	++++ 200	4.00 400	20.0	40.0	100
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 470767	3278 1185279	11520	48134	102474	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 560206	3398 1554189	14553	57577	145506	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 939738	6467 2398483	21844	86322	215144	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1080203	5641 3120759	26500	111622	285064	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 207358	1015 706265	4304	20629	49543	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2271877	15558 6199838	62753	242651	617981	++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	++++ 427432	2832 1299337	11324	42884	113418	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 922378	4909 2666829	24166	101629	252872	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1453820	7597 4553569	36781	146096	370046	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	++++ 242267	1091 720795	4985	21887	61600	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 734543	4005 2074811	18143	75994	192824	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++	3592	17167	64362	158743	++++	10.0	50.0	200	500

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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
			638247	1907578				2000	5000			
Methyl tert-butyl ether	FB	Ave	++++ 1927966	9893 5337488	46650	190750	488774	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 632239	3568 1773732	15907	65954	169240	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2748 2524312	12008 7115620	62479	259833	626546	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Qua2	++++ 570940	5155 1422964	15084	63793	130600	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2290536	12079 6334084	58136	237695	612923	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 1194399	6198 3278967	30623	125322	320820	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Ave	++++ 102774	++++ 737686	3262	20853	40687	++++ 400	++++ 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 551388	2914 1639165	13778	54208	140426	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 2114649	11096 5878436	52604	211869	543884	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 173066	974 484622	4190	17633	44711	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 722804	3875 2062589	17895	74302	189781	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 134991	701 398432	3113	11655	31781	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 373784	1754 1047215	8380	32857	83416	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 546358	3060 1671727	13124	52314	130219	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA 9	Ave	++++ 922059	3842 2663920	20140	90814	211831	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 345780	1814 1002973	8409	34952	91117	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 179885	754 489342	3864	15175	40844	++++ 400	2.00 1000	10.0	40.0	100

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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
Methacrylonitrile	FB	Ave	++++ 2735397	12613 7688272	63457	253269	638137	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1110561	5922 3058203	28110	116177	292769	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 765422	4760 2014554	19259	79267	181682	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 906985	4979 2525425	22783	92254	237871	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 742560	4035 2051378	18396	76025	192285	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 826583	4507 2255863	20927	82207	216996	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 920584	4308 2922569	19345	83437	205551	++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	++++ 1732937	11834 6049991	39292	165189	334998	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2625869	13296 7352296	63545	260987	679345	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 2338712	11491 6689112	55413	223895	589647	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 364600	1728 1024876	8365	34524	86125	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 793386	4067 2158961	19704	79355	200526	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Qua2	++++ 84513	658 243248	2491	9860	20076	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 313887	++++ 1050332	5104	24669	68644	++++ 5000	++++ 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 716263	3525 1798790	15743	61809	167099	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 840576	5608 2247796	19606	85105	184306	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++	235	1774	7461	17011	++++	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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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
			81537	241876				200	500			
1,2-Dichloropropane	FB	Ave	++++ 714810	3487 2011785	16586	68146	179945	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 301882	1295 916078	6532	27906	70322	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 82007	926 261201	2091	8651	21438	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 399134	1985 1146899	9835	36746	96221	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 886028	3916 2570759	19269	79768	206012	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 879649	4154 2506113	19594	79636	211522	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 282895	1907 843595	6505	27370	66162	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 405706	1855 1209114	8911	36273	95261	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	2020 1174509	5743 3370404	25779	104797	270420	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1020179	4549 3024949	21246	90150	239106	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 1441841	5895 3947302	30734	133258	331023	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2594777	13241 7511157	60000	244340	643897	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 846454	3715 2499987	18784	75859	199674	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 839162	3087 2413421	18889	75373	200097	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 483565	2368 1415779	11184	45171	115939	++++ 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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	++++ 583773	2928 1663878	13182	54226	140635	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 902213	4265 2636598	20619	84267	218533	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 2124211	9390 5657640	46437	189514	491946	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 1027147	4695 2809781	24714	96864	249824	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 608133	2827 1797478	13117	55446	143778	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 535572	2387 1533270	11959	49677	127873	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1601974	7658 4690778	36344	150239	394138	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 900287	4513 2612286	21005	88912	227140	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 647583	2990 1838949	14851	59677	157801	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1107622	5264 3117569	25342	107417	278975	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1195767	5673 3357362	26964	114949	302720	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 524131	2338 1470508	12482	47412	125486	++++ 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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	++++ 1809417	7830 5087234	39137	172252	452167	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 408036	1929 1174562	8847	36005	94490	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 1320057	4335 3510909	29474	122305	322630	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2978345	13686 7764706	65299	283893	746009	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 693789	3096 1960970	15512	65813	172741	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 695297	3516 2186830	17007	77434	183596	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3492791	18033 8822341	82467	345839	899327	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 196361	1025 533638	4728	20320	47901	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 145232	681 396361	2668	11603	31237	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2382510	12098 6344409	55854	236428	606954	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2852285	14114 7783339	65696	282765	721061	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2543593	12272 6600041	55963	243752	633256	++++ 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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 2261420	11070 5949726	52477	221871	572325	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 963129	3281 2711099	19778	85700	235772	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2130151	8880 5497753	42260	183314	499918	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2623574	12365 6720984	59369	257558	673403	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3318152	15010 8306584	71540	307336	811700	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1320912	6631 3535434	30999	128695	334834	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2789600	12204 6917931	60422	258291	682764	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1321989	7035 3497913	31384	130352	333740	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2847384	12884 7607420	61206	262951	697035	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 890080	4240 2402558	19394	83964	216387	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2671016	12705 7167744	60013	258800	669815	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1468995	7348 3877622	32855	139653	362139	++++ 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.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	++++ 1441476	7077 3432889	33879	143041	365713	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1340641	6600 3514777	32324	136460	346520	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2843967	12273 7264180	58825	258416	684727	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 171016	866 462070	4021	15878	39750	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1162099	5488 2971557	25180	108904	277175	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1092332	5520 2535277	24815	101644	266723	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 460818	2179 1111672	10106	39737	104295	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2776112	13343 6726043	64016	263481	674588	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1066047	4933 2459820	23944	100227	260946	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	171538 107036	109497 110232	101760	105590	91257	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	178585 122840	114618 138571	112571	112010	100017	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	608784 399954	367233 429815	350180	362343	326043	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	178397	110220	105959	105629	96456	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Edison Job No.: 460-268448-1 Analy Batch No.: 872085

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/15/2022 02:05 Calibration End Date: 10/15/2022 04:30 Calibration ID: 91523

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
			115798	121042				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\CVOAMS17\20221014-151764.b\TT62095b.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 15-Oct-2022 02:05:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0151764-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:20 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:25:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.501	1.507	-0.006	19	599	0.2500	0.0984	
* 31 TBA-d9 (IS)	66	2.708	2.720	-0.012	0	52047	1000.0	1000.0	
35 Acrylonitrile	53	2.945	2.939	0.006	78	2748	2.00	1.37	M
* 42 2-Butanone-d5	46	3.665	3.677	-0.012	0	372398	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.110	4.116	-0.006	97	171538	50.0	50.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.439	4.445	-0.006	0	178585	50.0	47.1	
* 66 Fluorobenzene	96	4.695	4.701	-0.006	99	666788	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.378	5.384	-0.006	0	23025	1000.0	1000.0	
80 Epichlorohydrin	57	6.024	6.018	0.006	20	2020	5.00	4.84	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	99	608784	50.0	50.6	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	87	448078	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	90	178397	50.0	50.6	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	96	242027	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

524freon_00058	Amount Added: 0.00	Units: uL	
ACROLEIN W_00145	Amount Added: 0.00	Units: uL	
8260MIX1COMB_00160	Amount Added: 0.00	Units: uL	
14DIOXINTER_00146	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00105	Amount Added: 20.00	Units: uL	
GASES Li_00498	Amount Added: 2.50	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

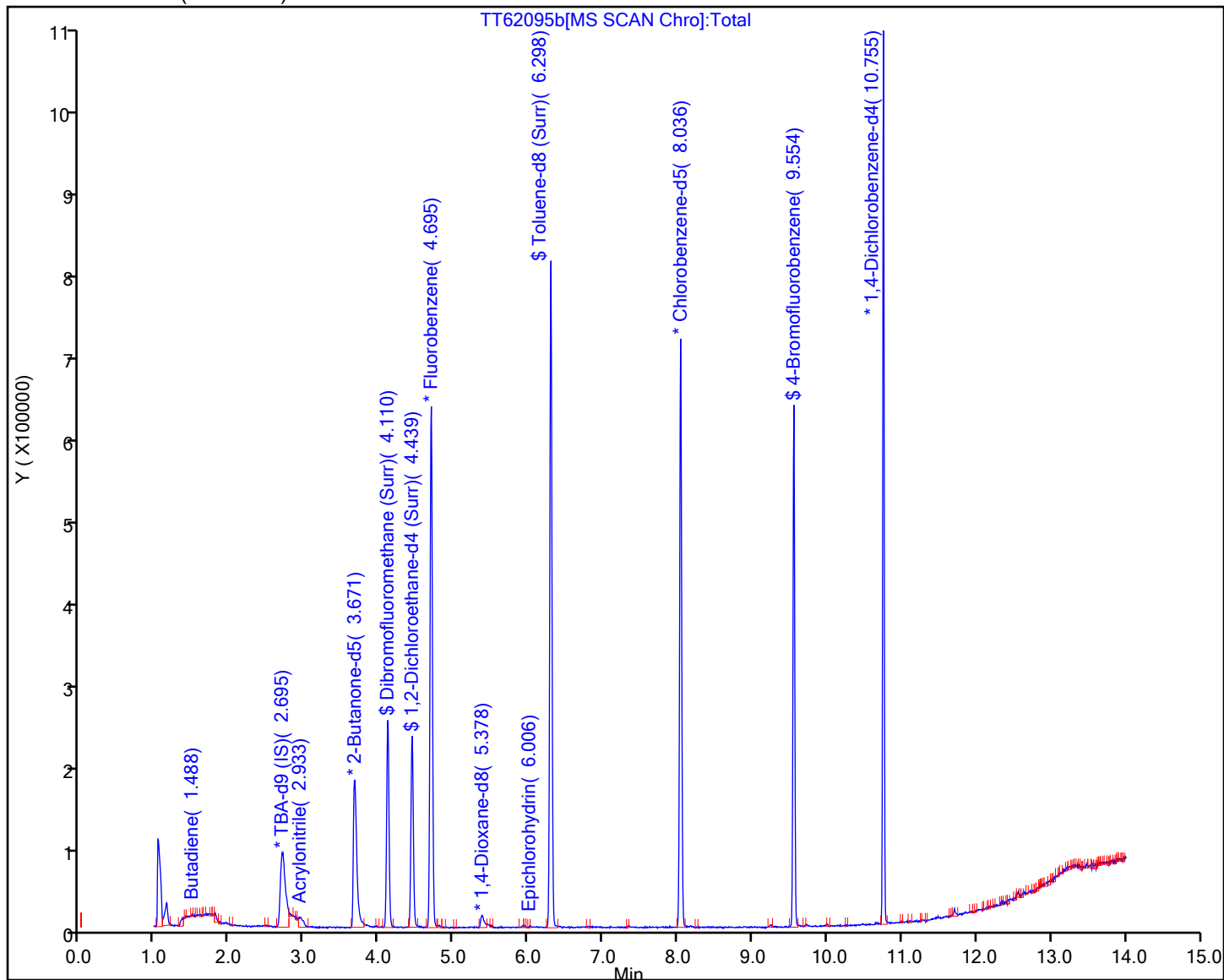
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D
Injection Date: 15-Oct-2022 02:05:30 Instrument ID: CVOAMS17
Lims ID: STD8
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

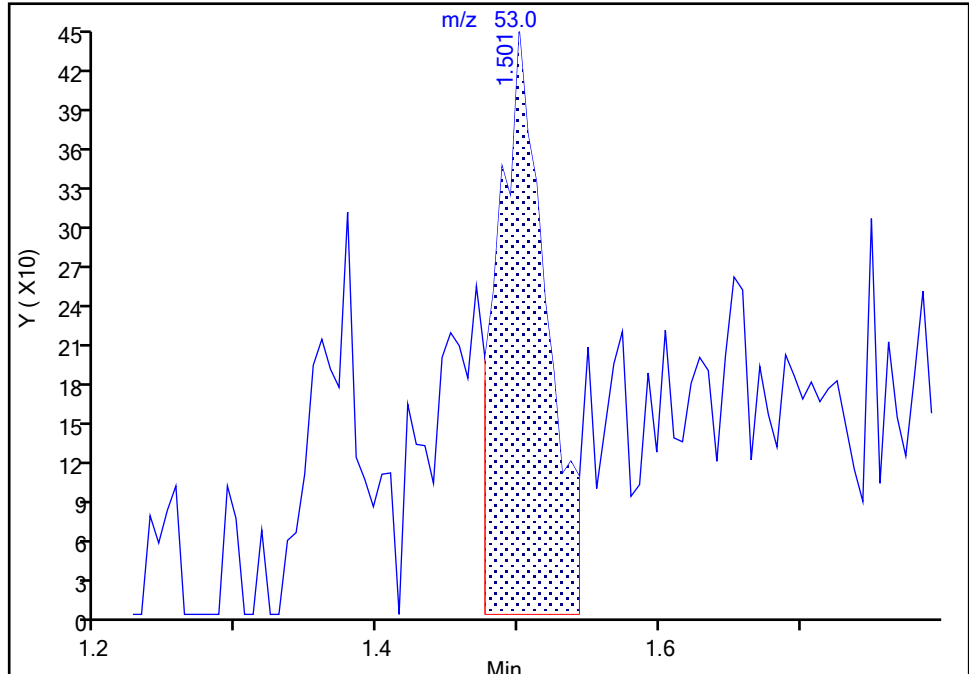
ALS Bottle#: 3 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 2

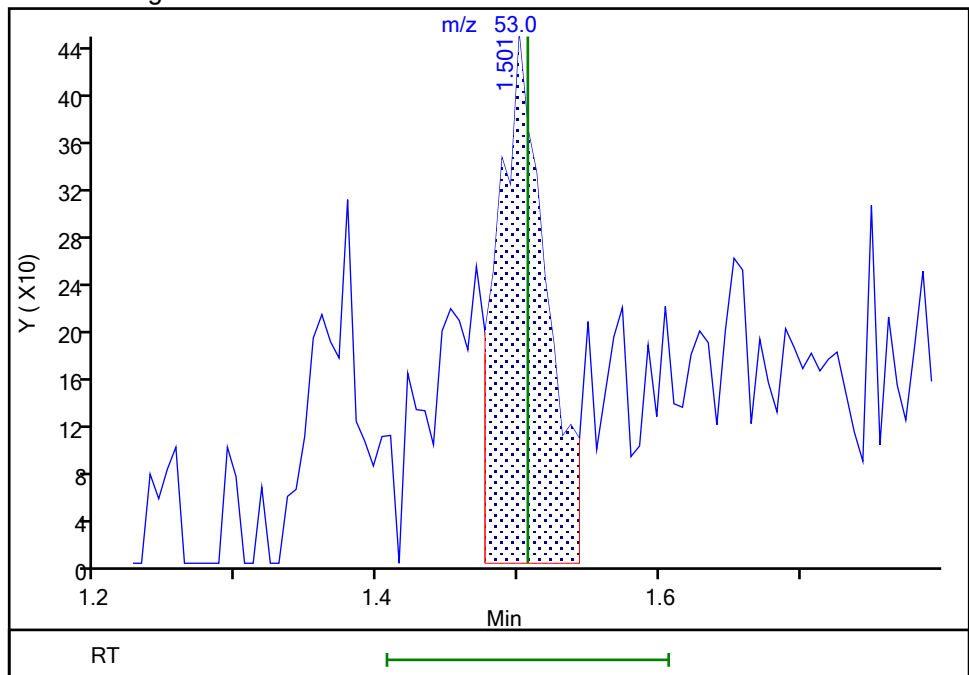
RT: 1.50
Area: 1107
Amount: 0.098375
Amount Units: ug/l

Processing Integration Results



RT: 1.50
Area: 1107
Amount: 0.098375
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:21:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

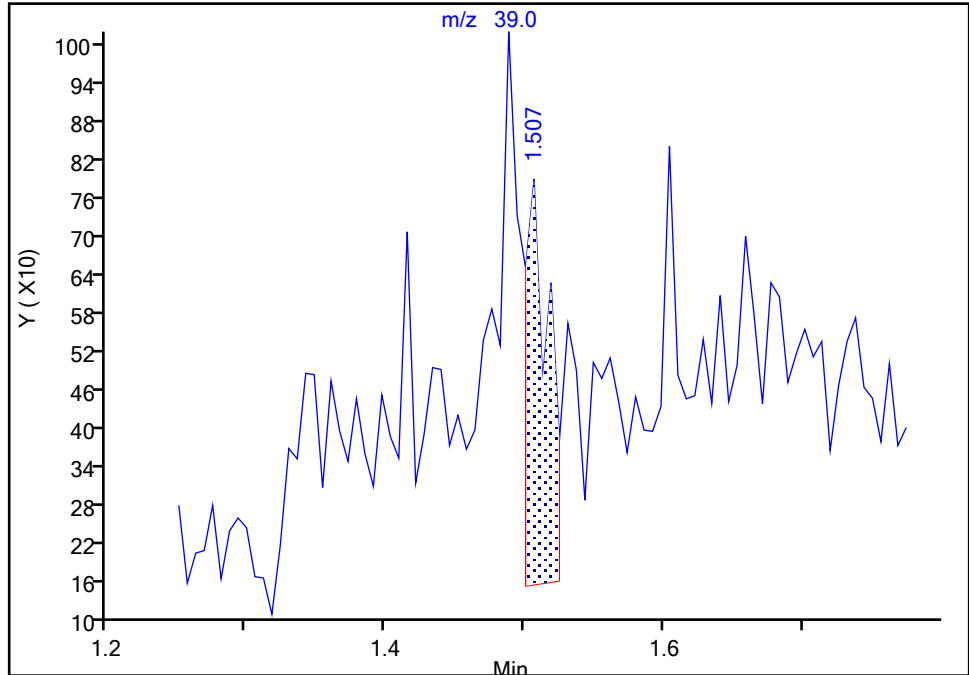
MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 3

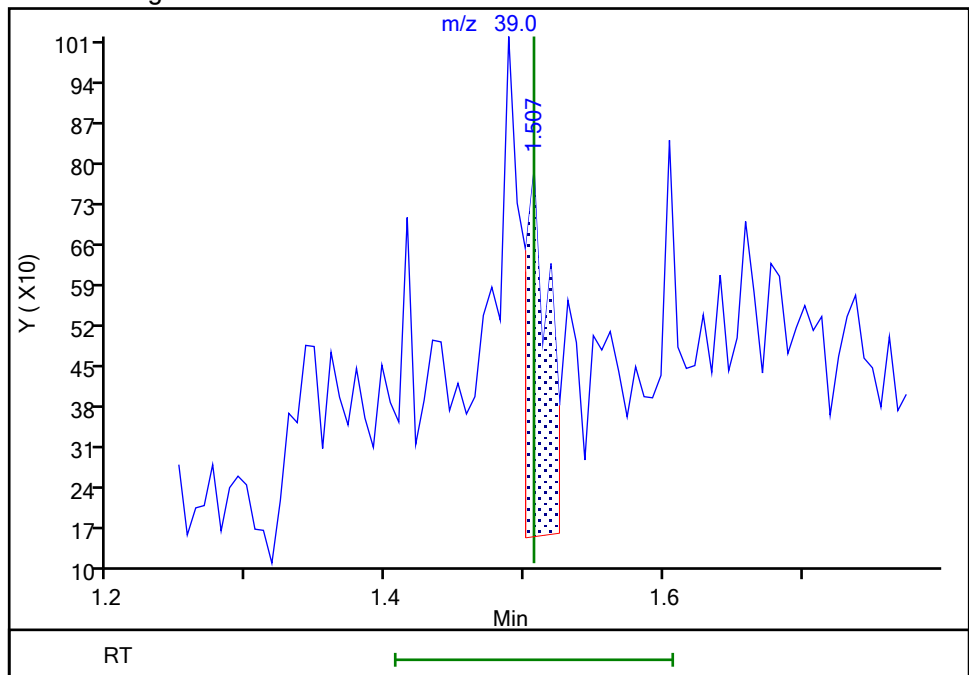
RT: 1.51
Area: 786
Amount: 0.098375
Amount Units: ug/l

Processing Integration Results



RT: 1.51
Area: 786
Amount: 0.098375
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:21:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

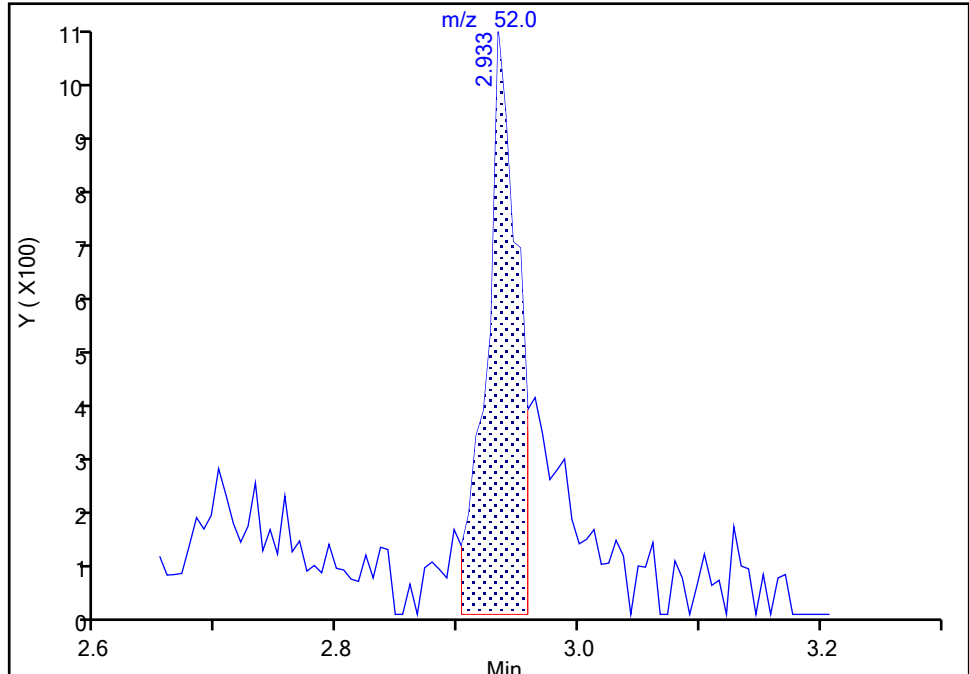
MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 2

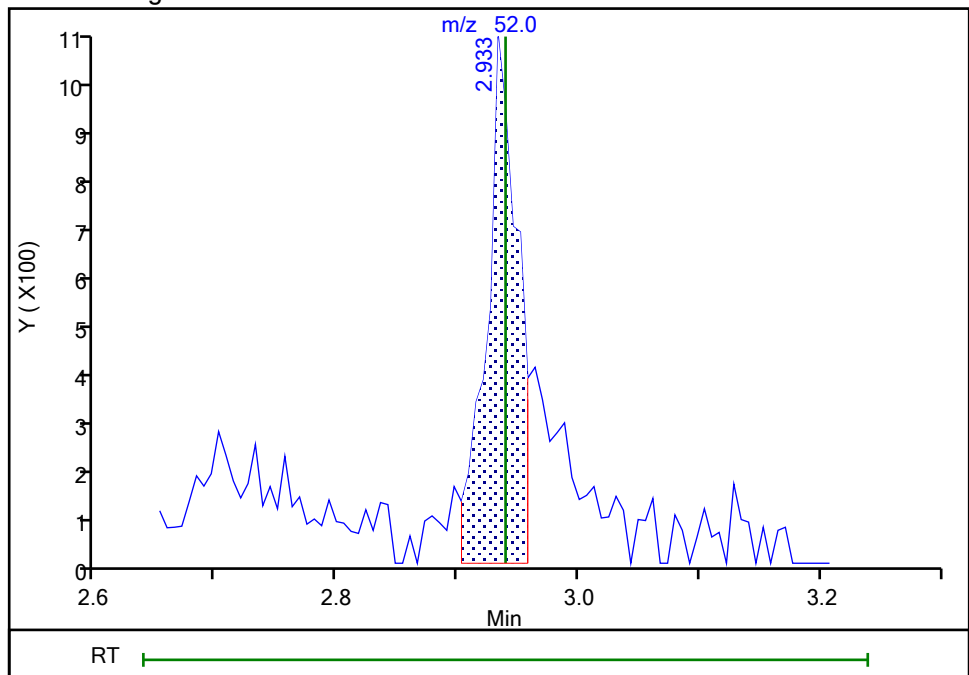
RT: 2.93
Area: 1839
Amount: 1.091222
Amount Units: ug/l

Processing Integration Results



RT: 2.93
Area: 1839
Amount: 1.371911
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:22:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

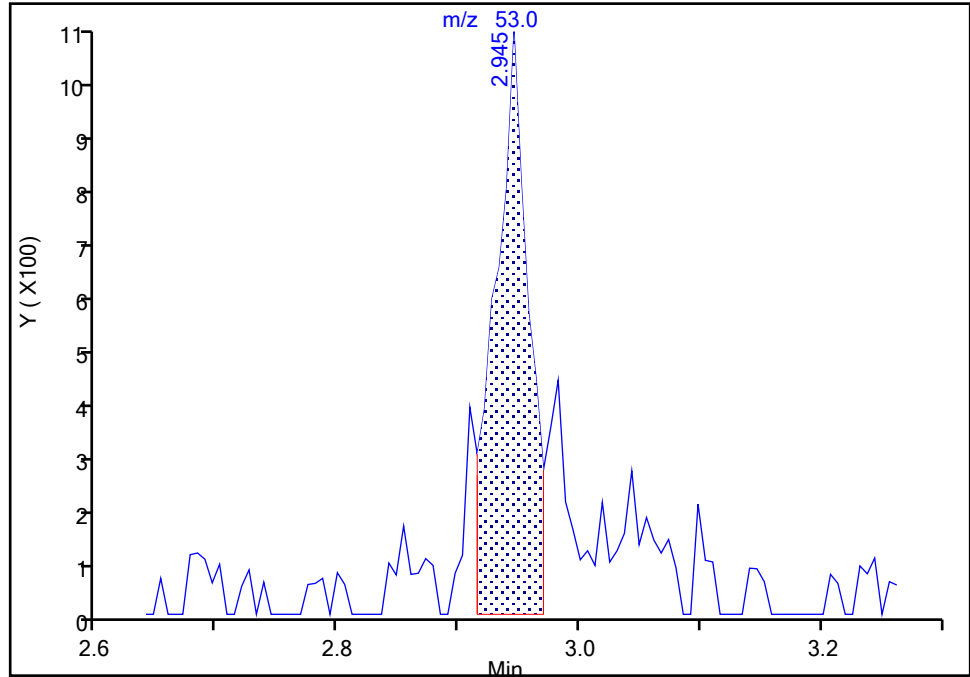
MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

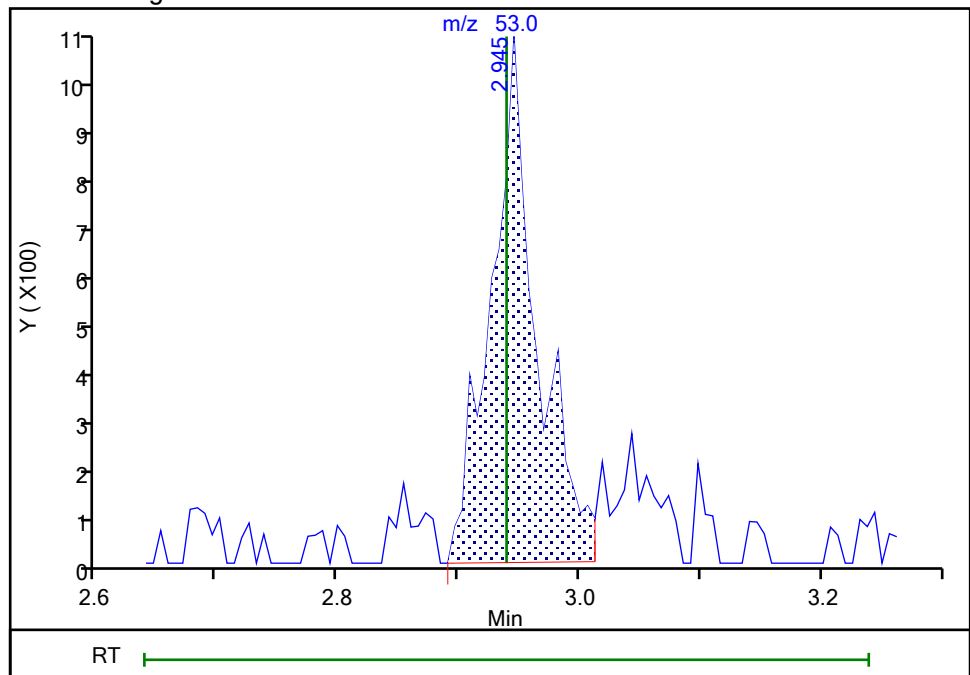
RT: 2.95
Area: 2049
Amount: 1.091222
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 2748
Amount: 1.371911
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:23:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

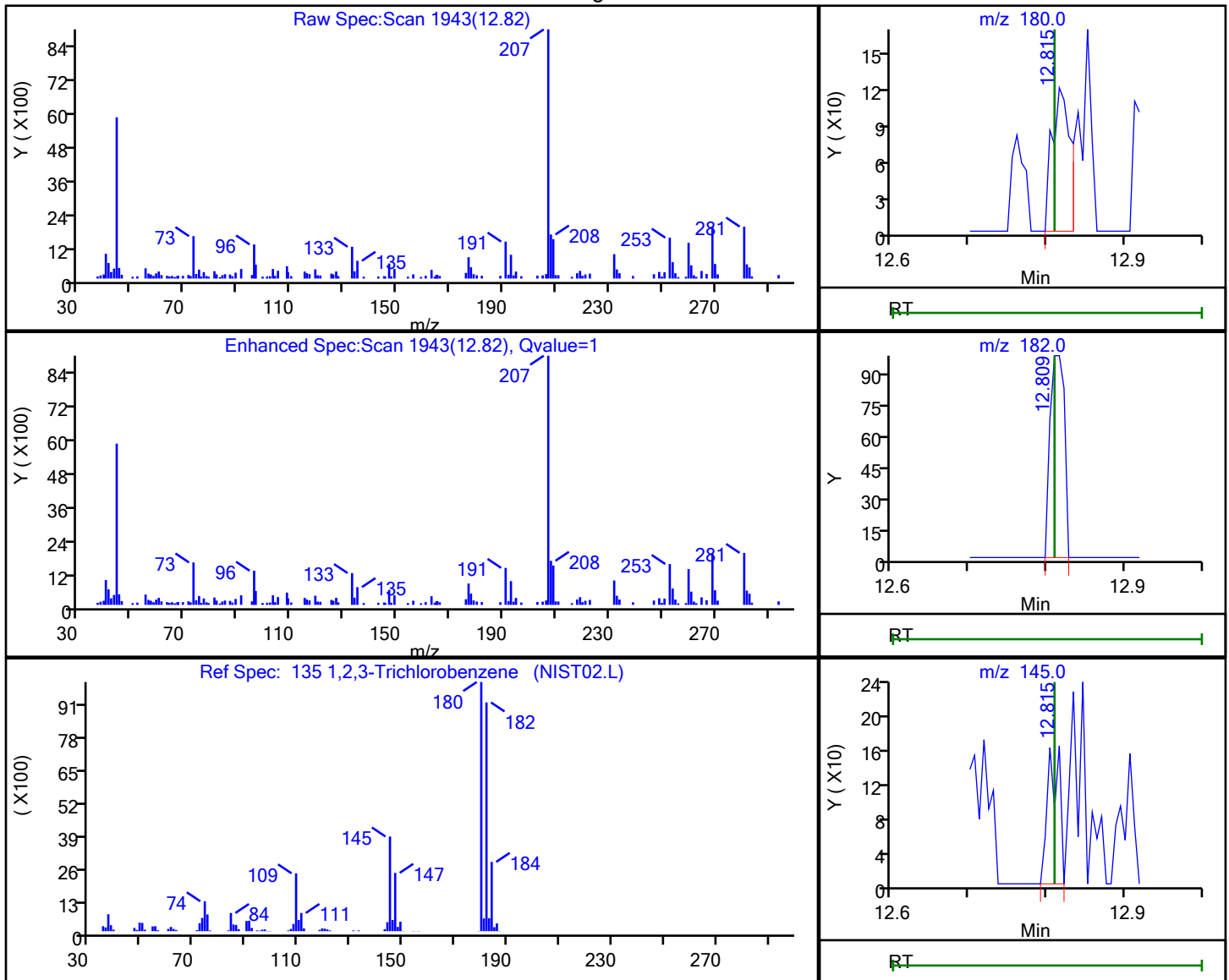
Column: DB-624 (0.18 mm)

Detector

MS Quad

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results



RT	Mass	Response	Amount
12.82	180.00	194	0.023950
12.81	182.00	128	
12.82	145.00	166	

Reviewer: W9CM, 15-Oct-2022 10:24:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

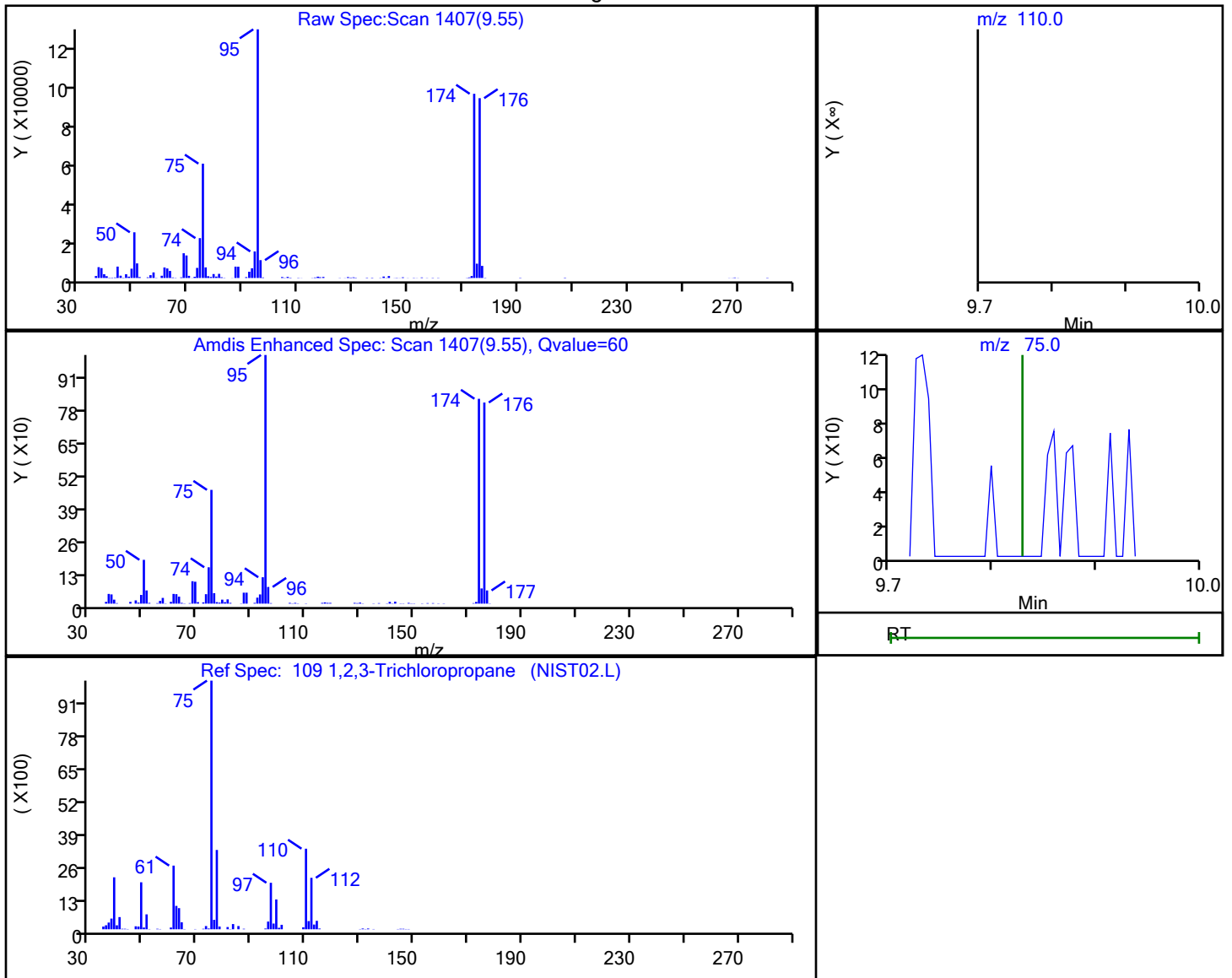
Column: DB-624 (0.18 mm)

Detector

MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.55	110.00	109	0.066303
9.55	75.00	99239	

Reviewer: W9CM, 15-Oct-2022 10:24:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

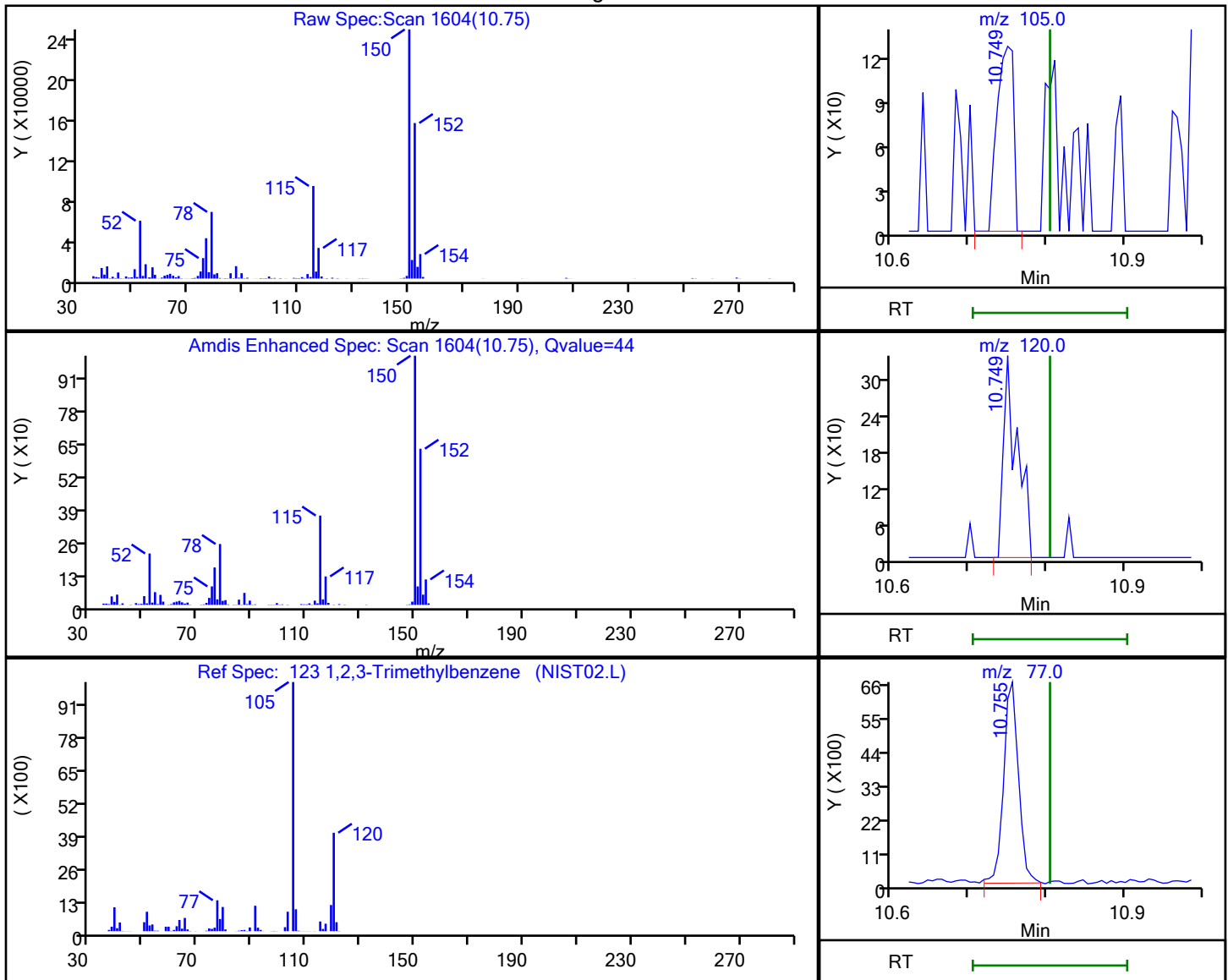
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.75	105.00	178	0.008330
10.75	120.00	414	
10.75	77.00	8860	

Reviewer: W9CM, 15-Oct-2022 10:24:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

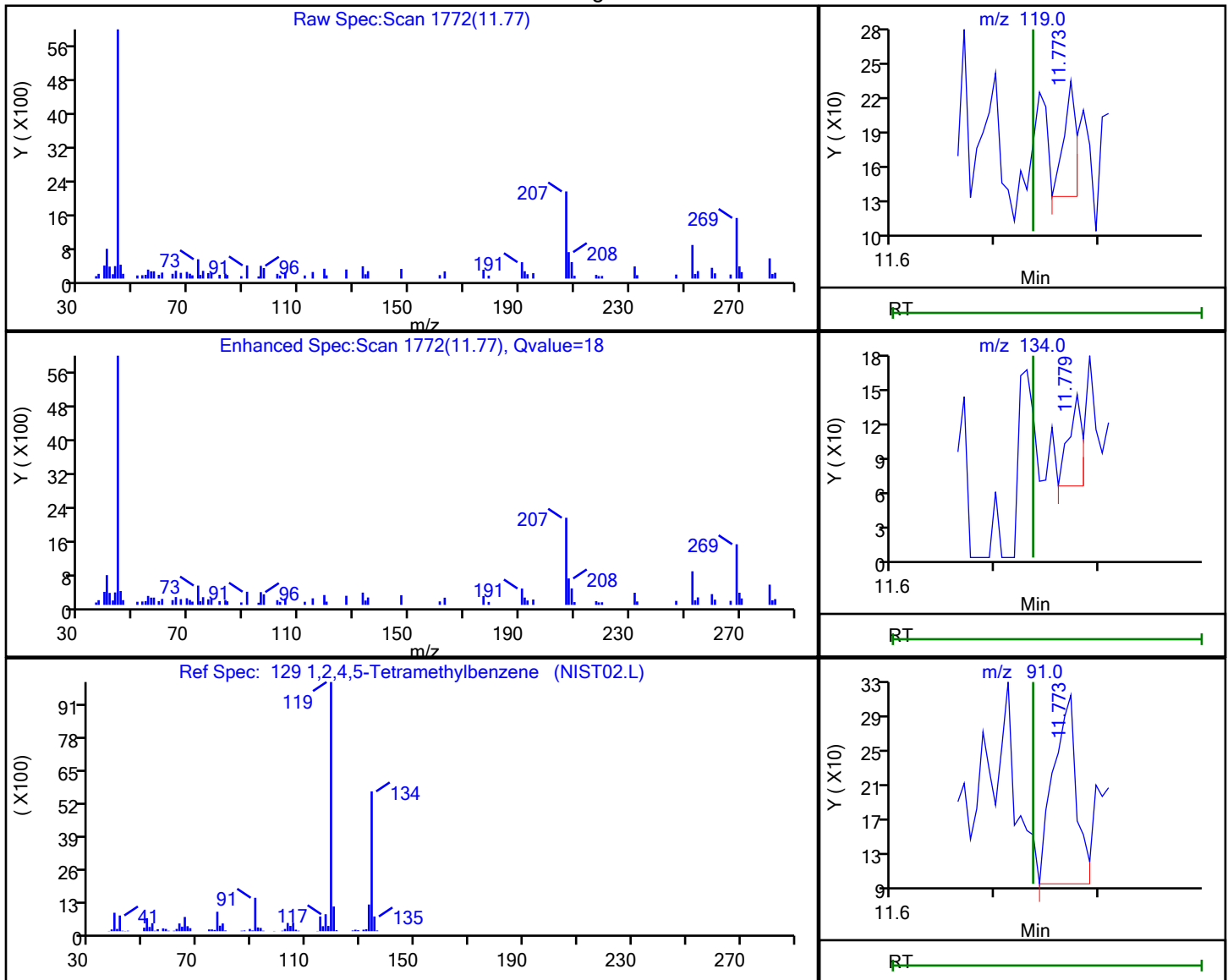
Column: DB-624 (0.18 mm)

Detector

MS Quad

129 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.77	119.00	87	0.004211
11.78	134.00	72	
11.77	91.00	337	

Reviewer: W9CM, 15-Oct-2022 10:24:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

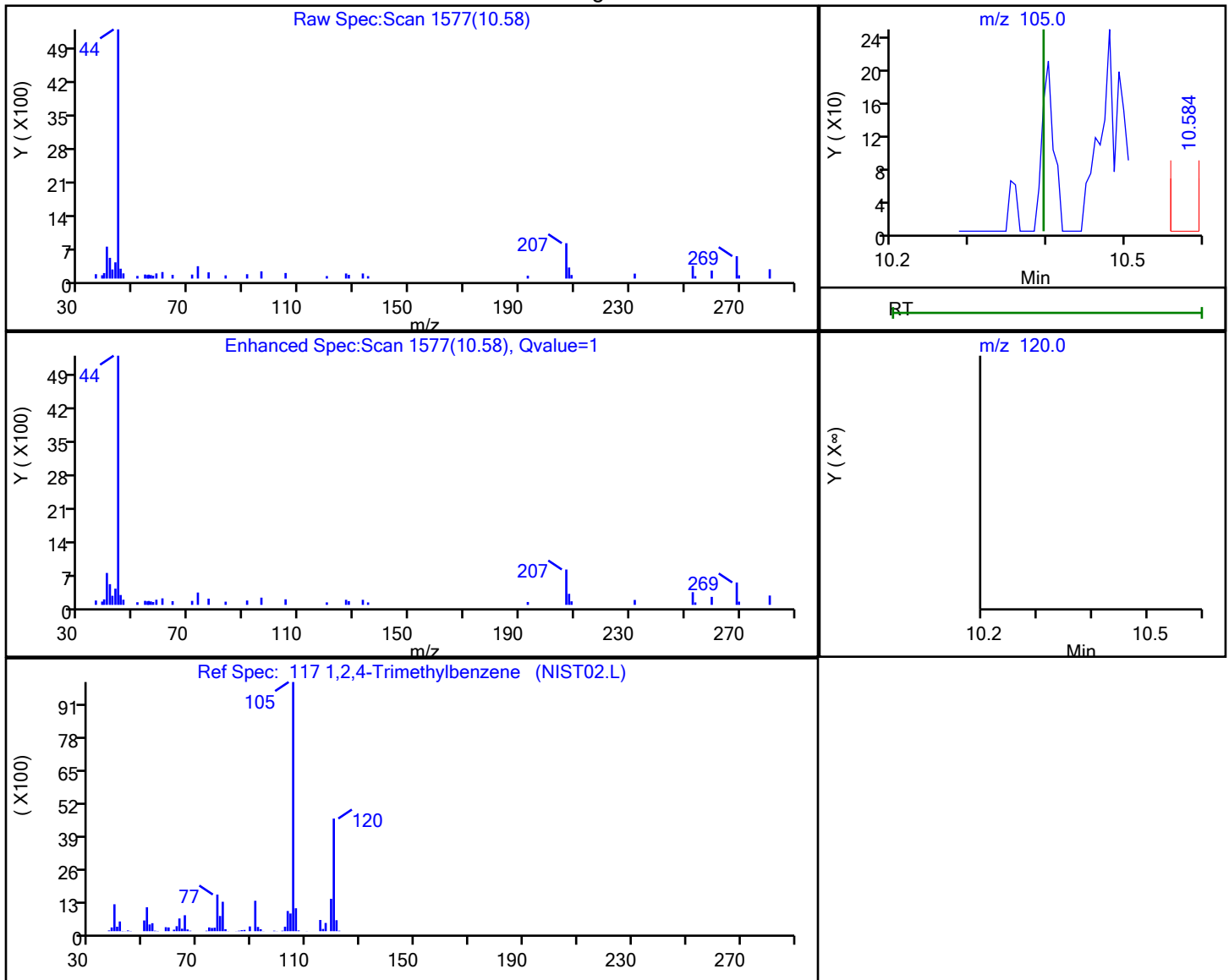
Column: DB-624 (0.18 mm)

Detector

MS Quad

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.58	105.00	173	0.008487
10.58	120.00	45	

Reviewer: W9CM, 15-Oct-2022 10:24:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

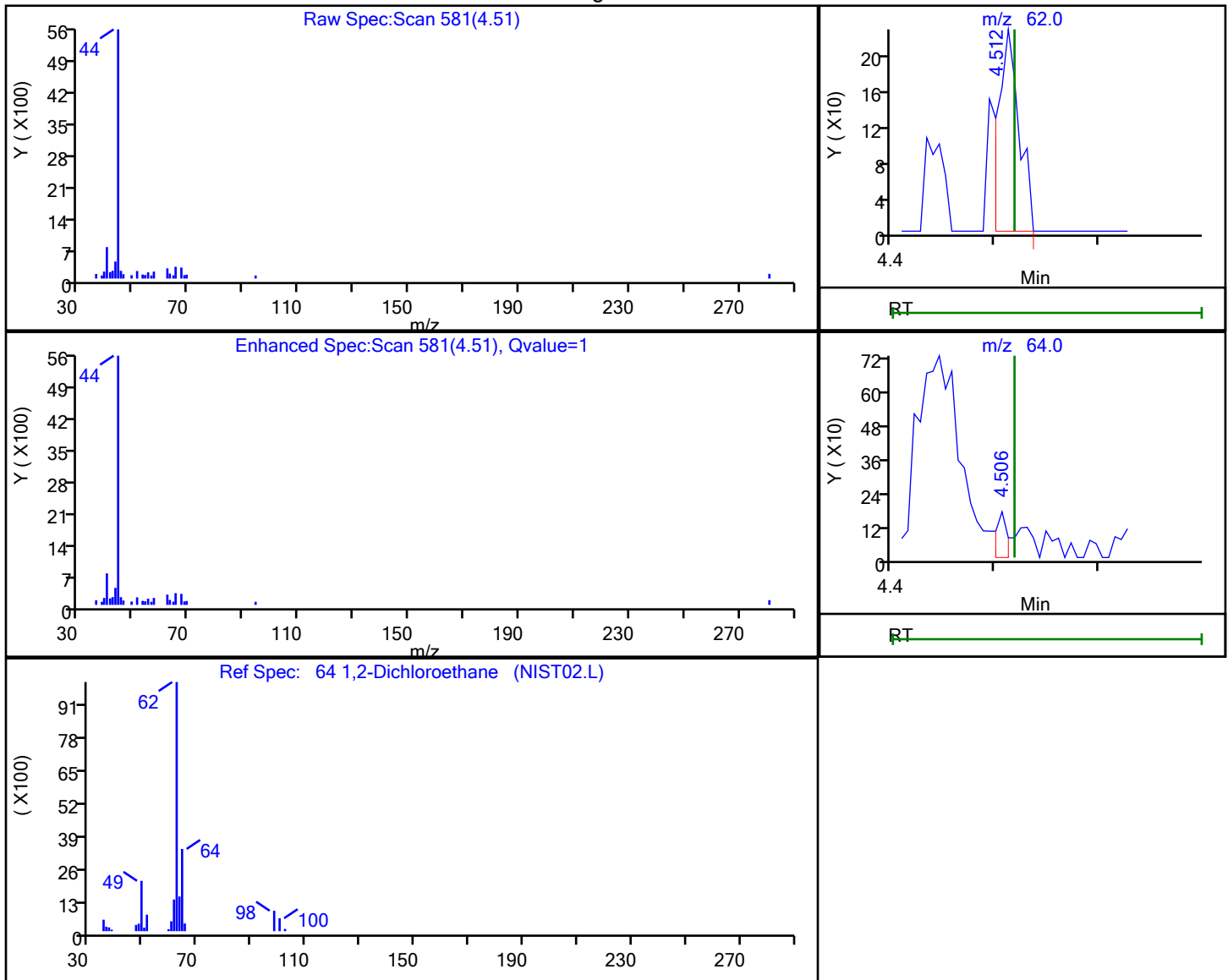
Column: DB-624 (0.18 mm)

Detector

MS Quad

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.51	62.00	317	0.046733
4.51	64.00	121	

Reviewer: W9CM, 15-Oct-2022 10:23:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

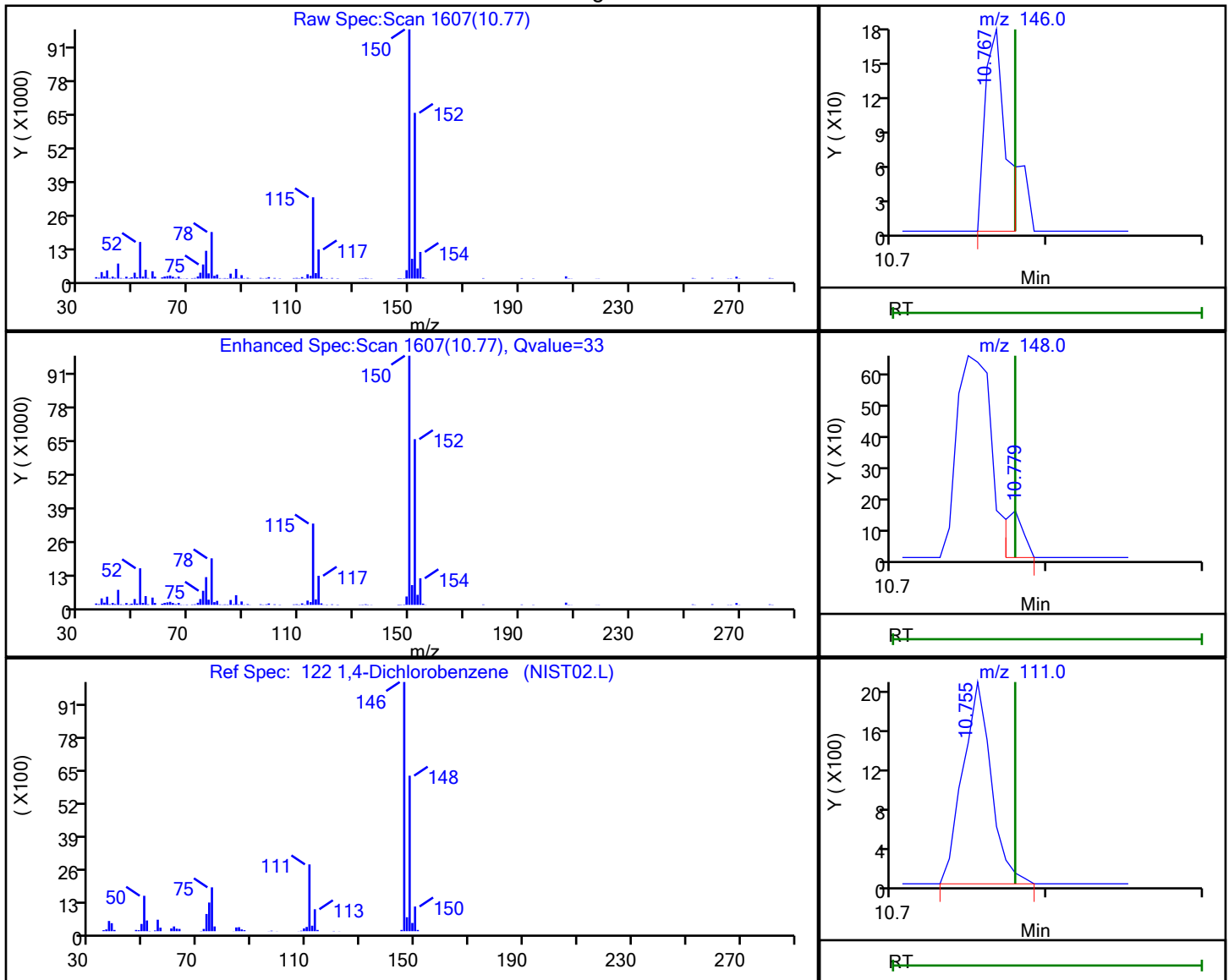
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.77	146.00	163	0.015107
10.78	148.00	127	
10.75	111.00	2619	

Reviewer: W9CM, 15-Oct-2022 10:24:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

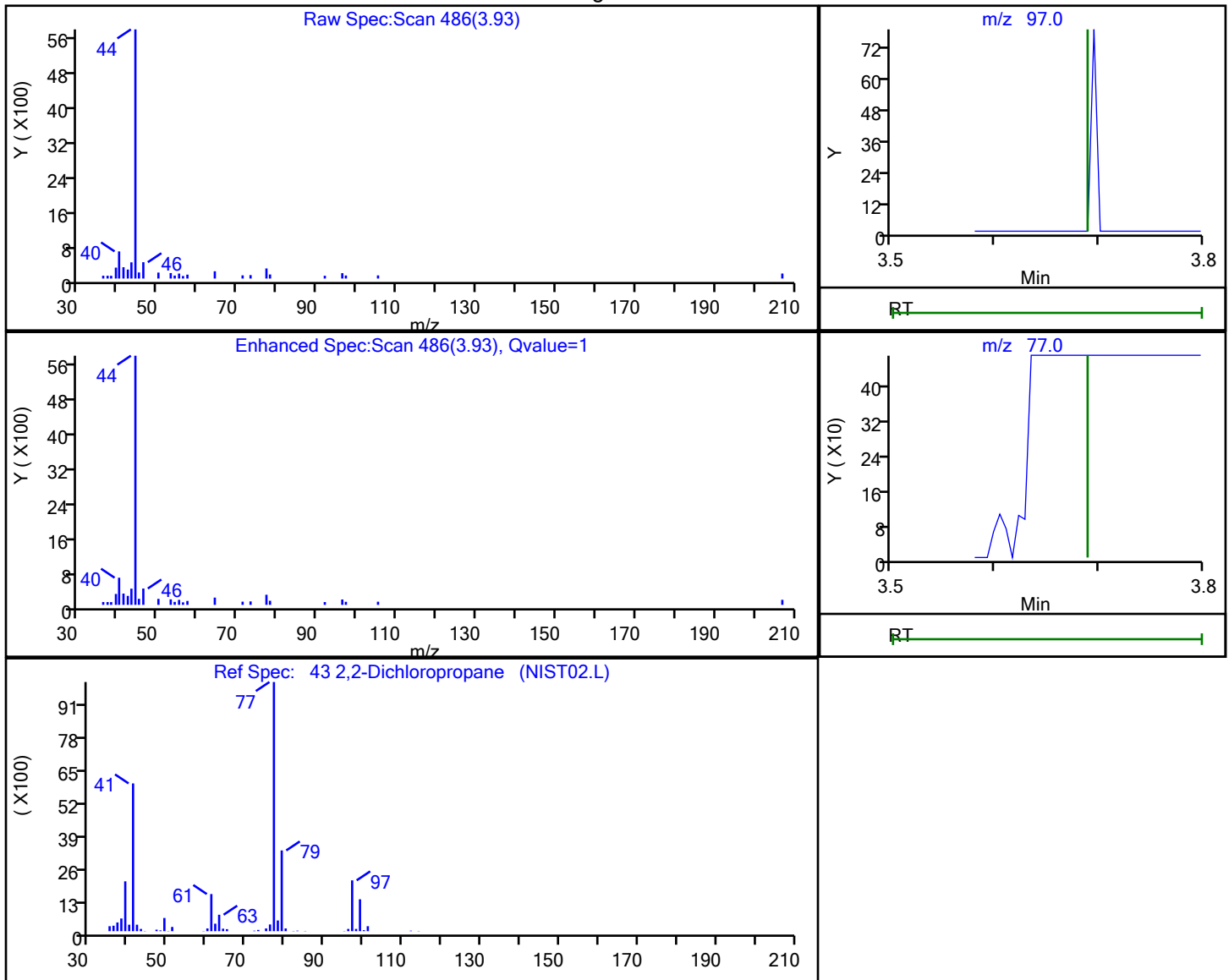
Column: DB-624 (0.18 mm)

Detector

MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.93	97.00	52	0.037785
3.93	77.00	755	

Reviewer: W9CM, 15-Oct-2022 10:23:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

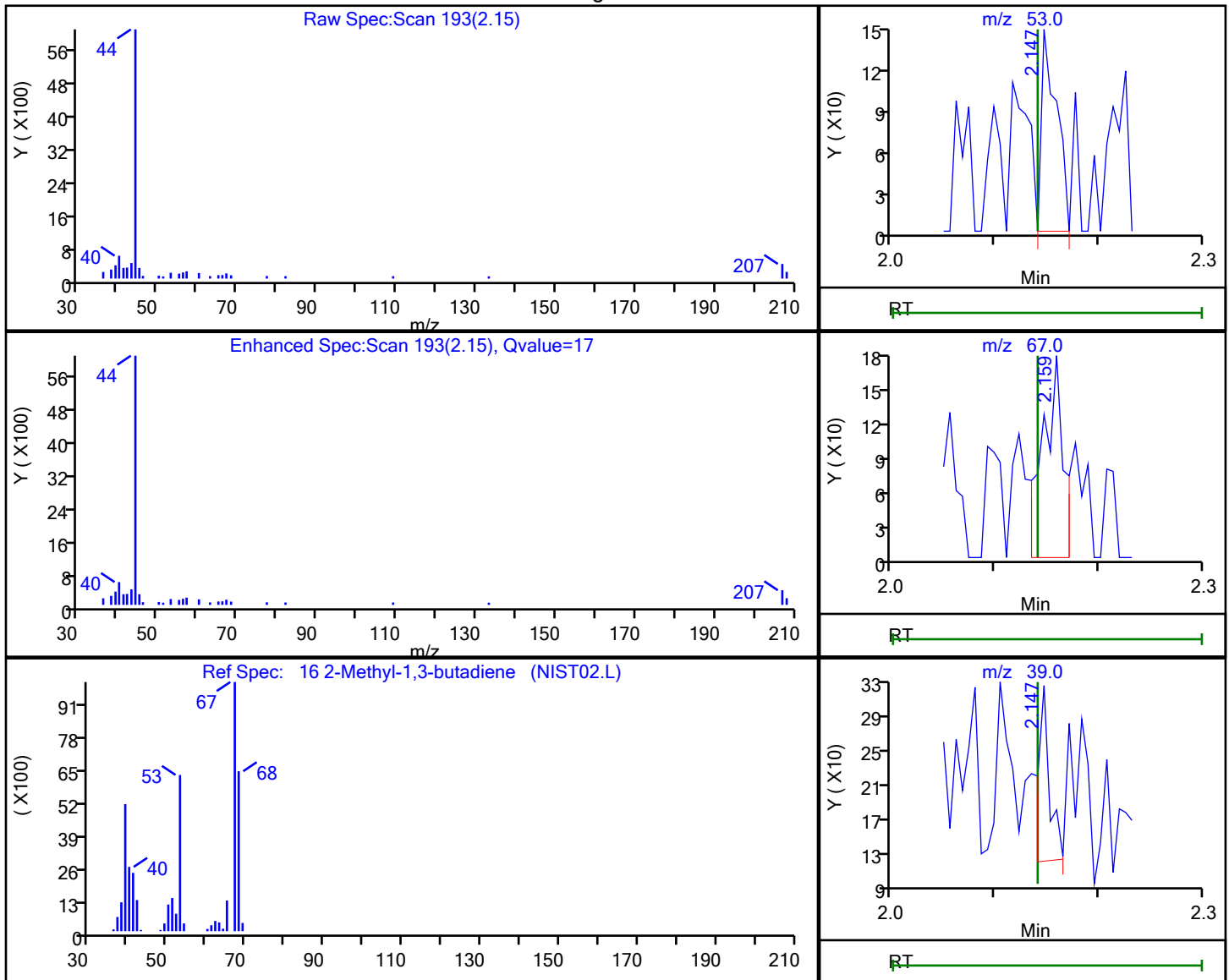
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.15	53.00	143	0.032602
2.16	67.00	252	
2.15	39.00	147	

Reviewer: W9CM, 15-Oct-2022 10:22:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

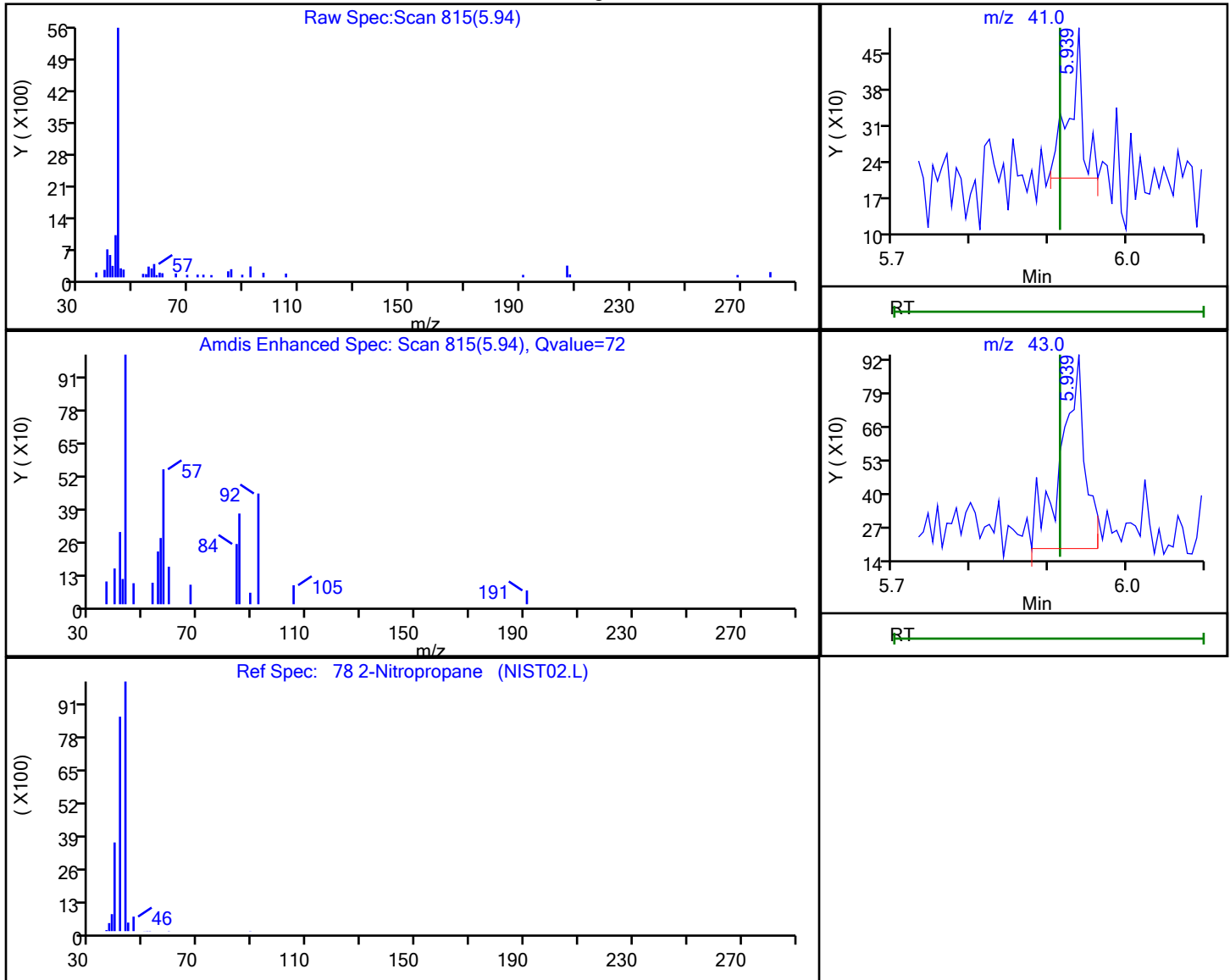
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.94	41.00	343	0.343002
5.94	43.00	1616	

Reviewer: W9CM, 15-Oct-2022 10:23:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

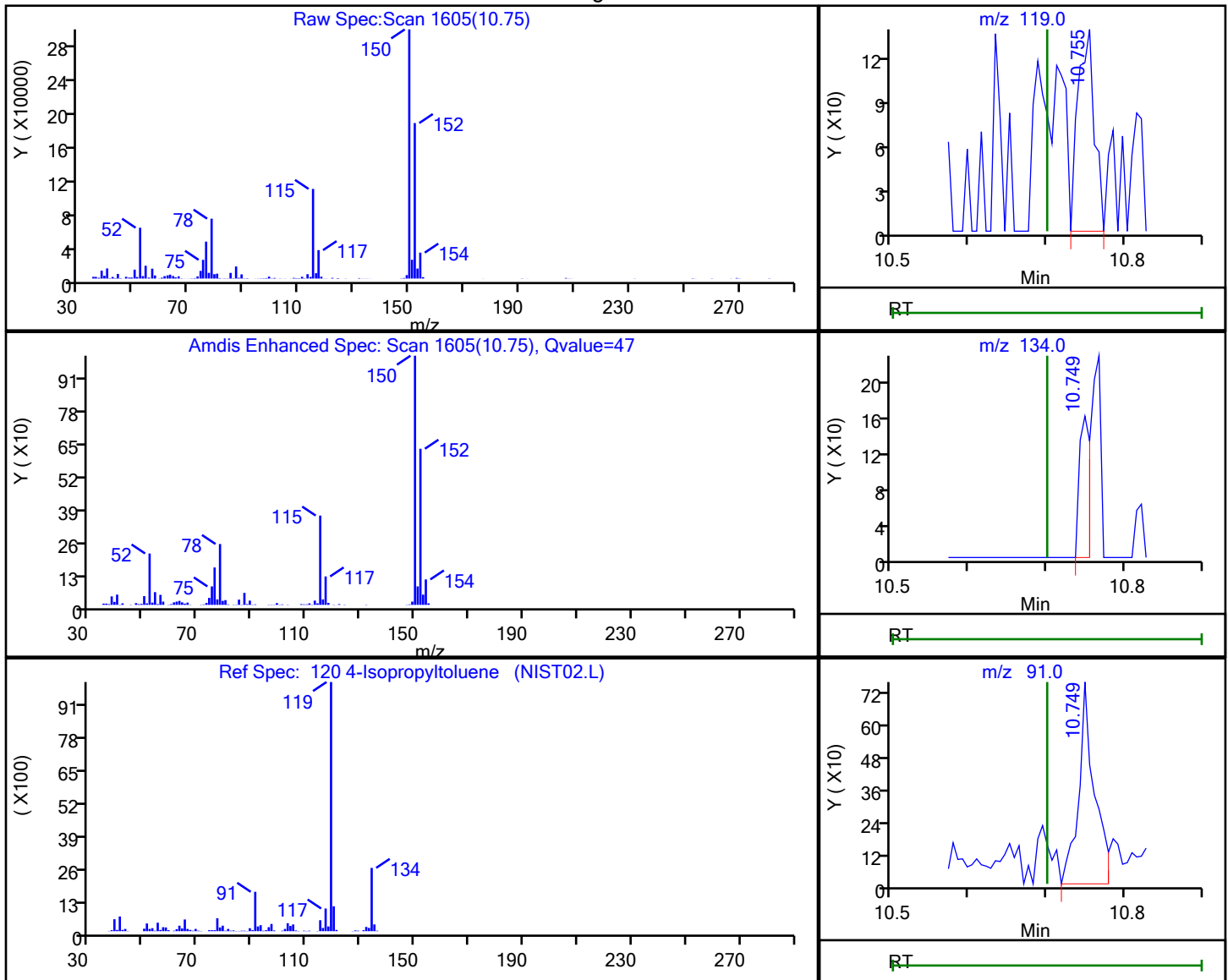
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.75	119.00	207	0.010024
10.75	134.00	154	
10.75	91.00	1061	

Reviewer: W9CM, 15-Oct-2022 10:24:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

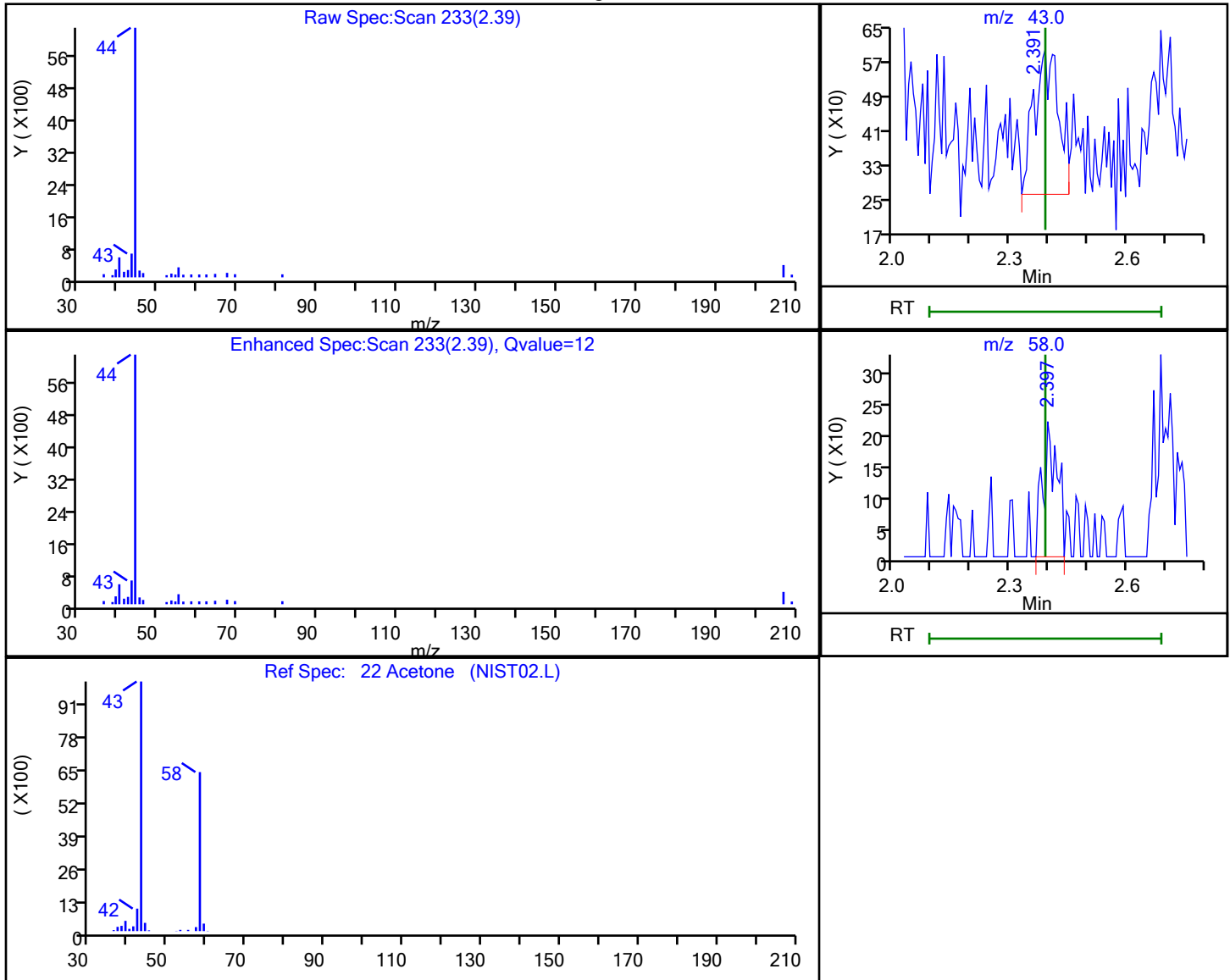
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.39	43.00	1508	1.093354
2.40	58.00	548	

Reviewer: W9CM, 15-Oct-2022 10:22:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

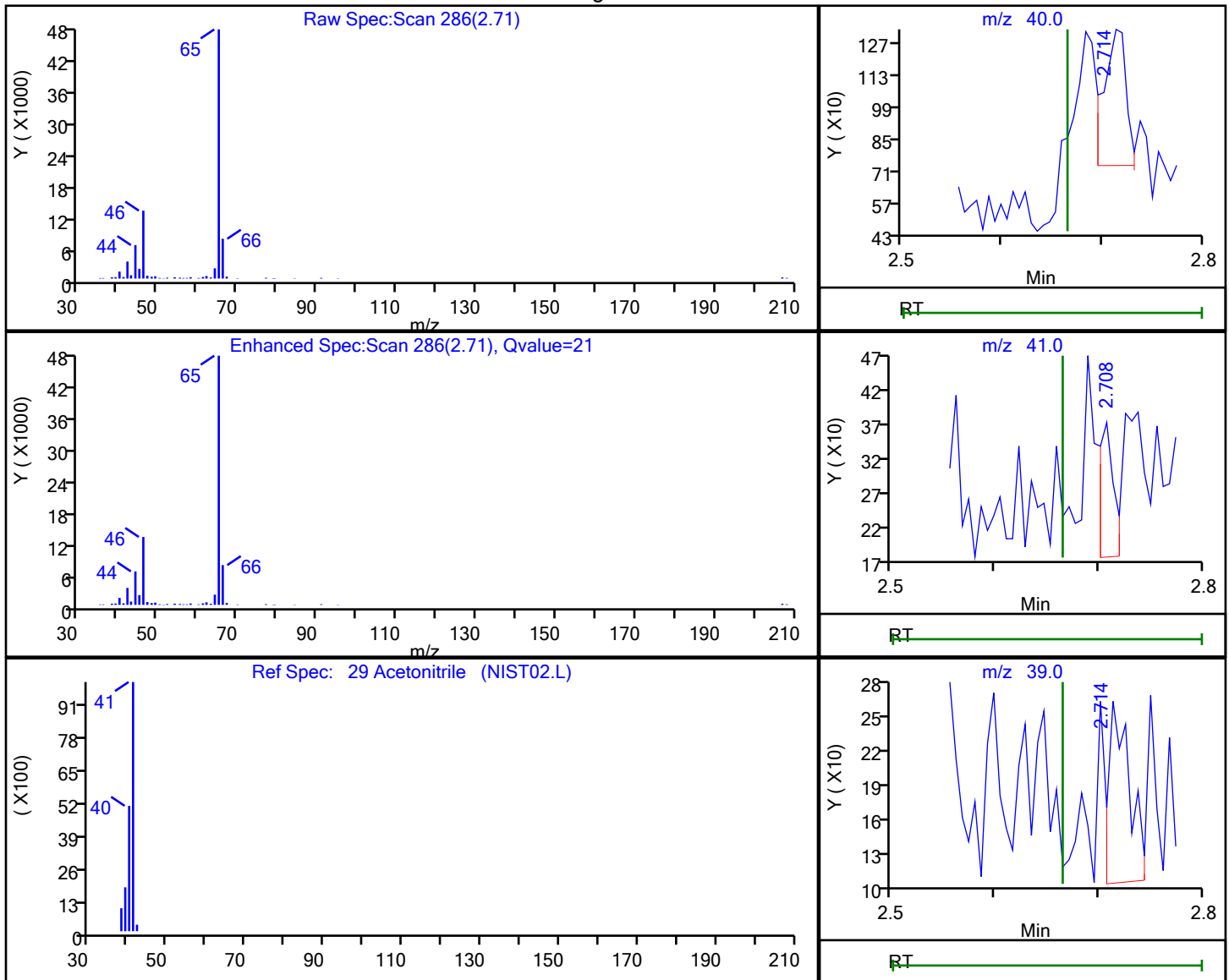
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.71	40.00	937	5.678095
2.71	41.00	189	
2.71	39.00	216	
2.71	38.00	585	

Reviewer: W9CM, 15-Oct-2022 10:22:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

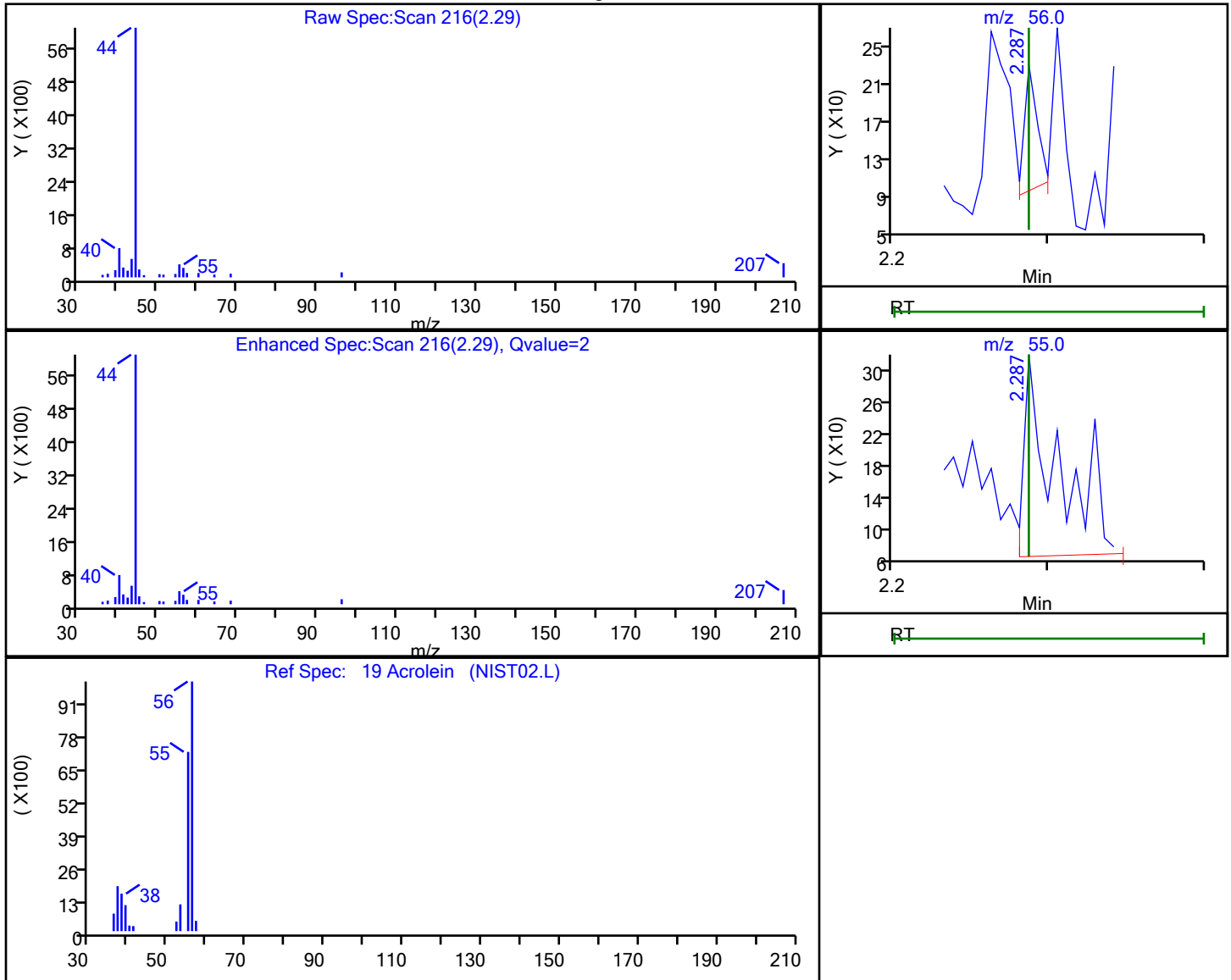
Column: DB-624 (0.18 mm)

Detector

MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.29	56.00	77	0.143801
2.29	55.00	364	

Reviewer: W9CM, 15-Oct-2022 10:22:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

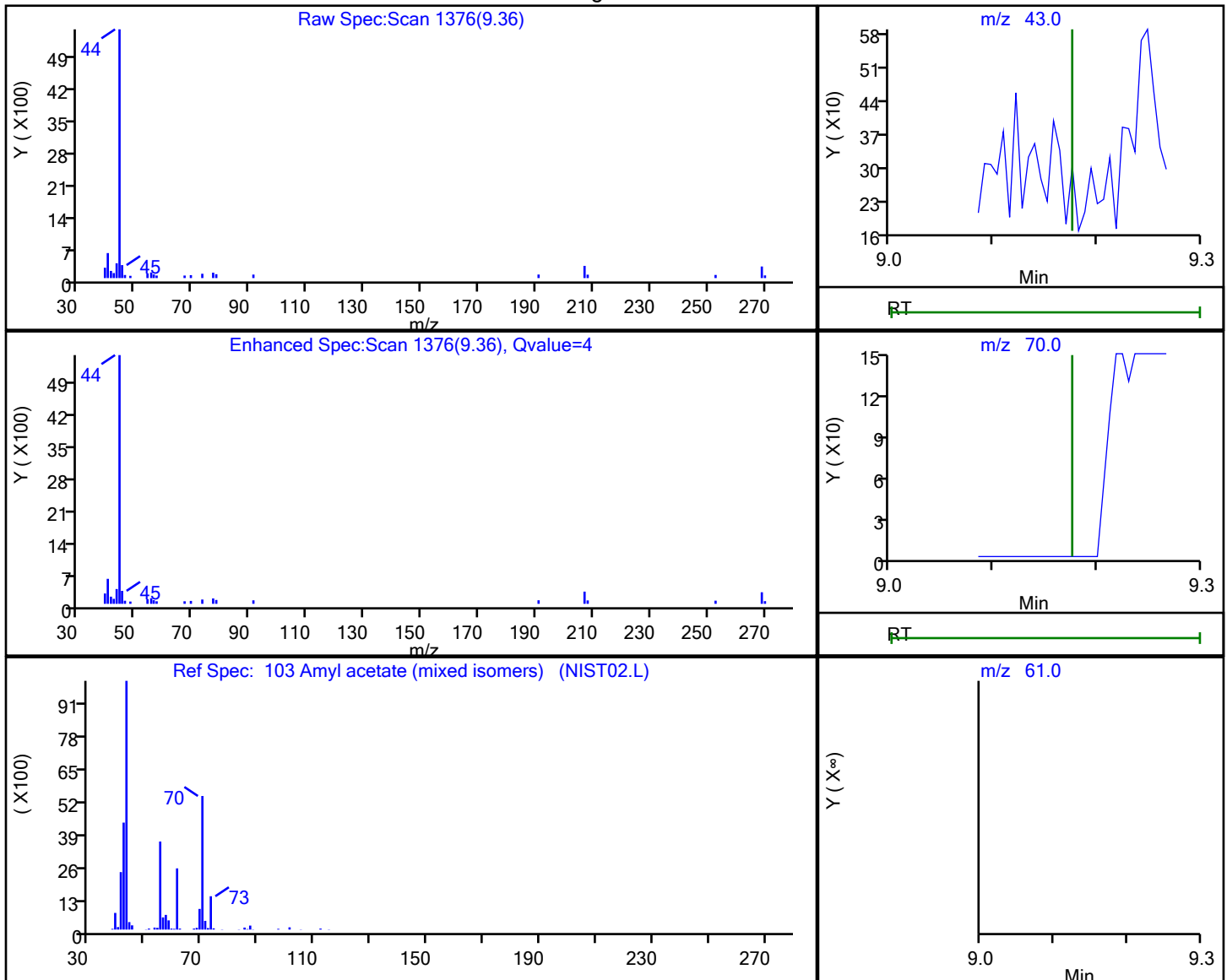
Column: DB-624 (0.18 mm)

Detector

MS Quad

103 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.36	43.00	193	0.020547
9.35	70.00	27	
9.37	61.00	49	

Reviewer: W9CM, 15-Oct-2022 10:24:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

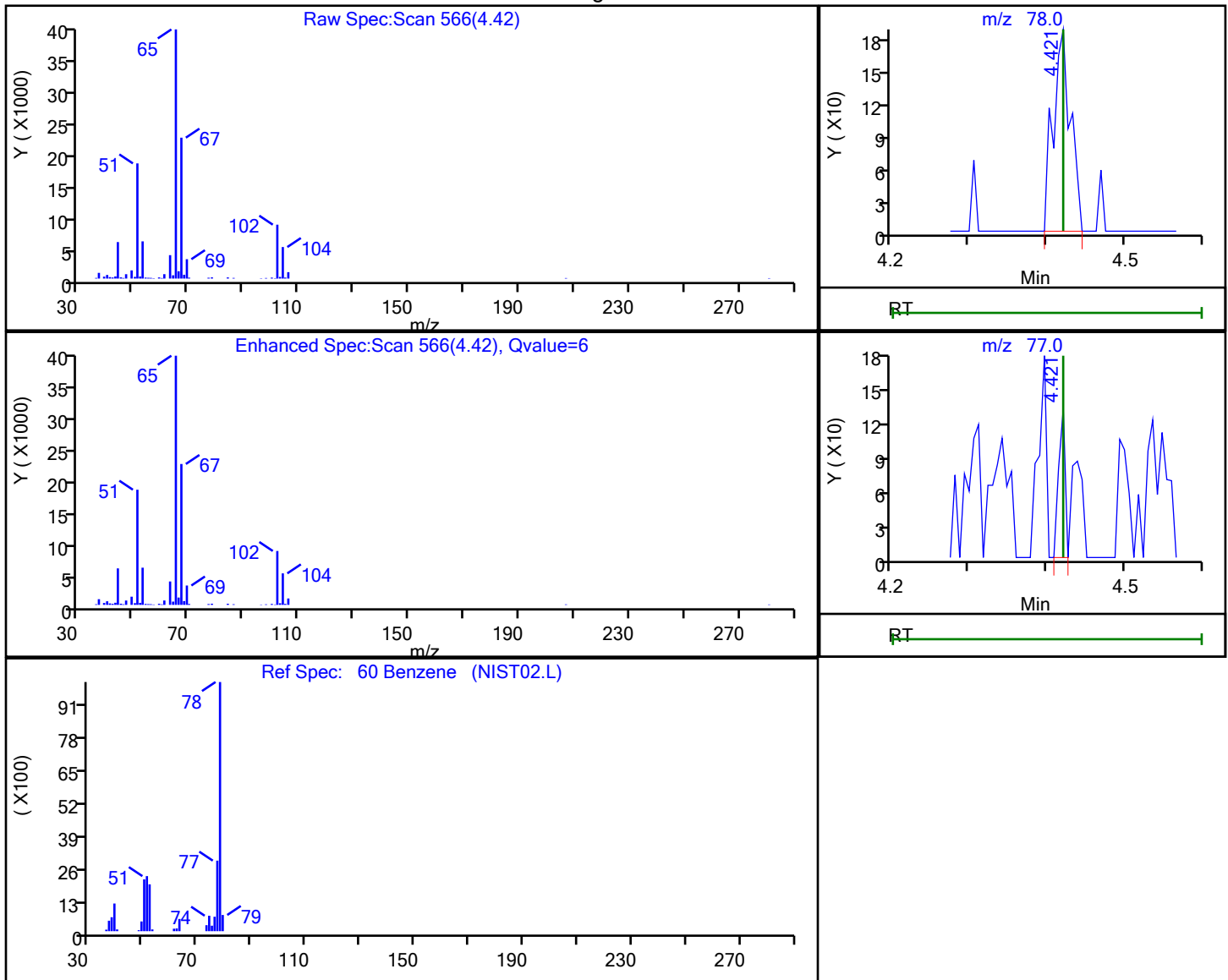
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.42	78.00	289	0.013297
4.42	77.00	76	

Reviewer: W9CM, 15-Oct-2022 10:23:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

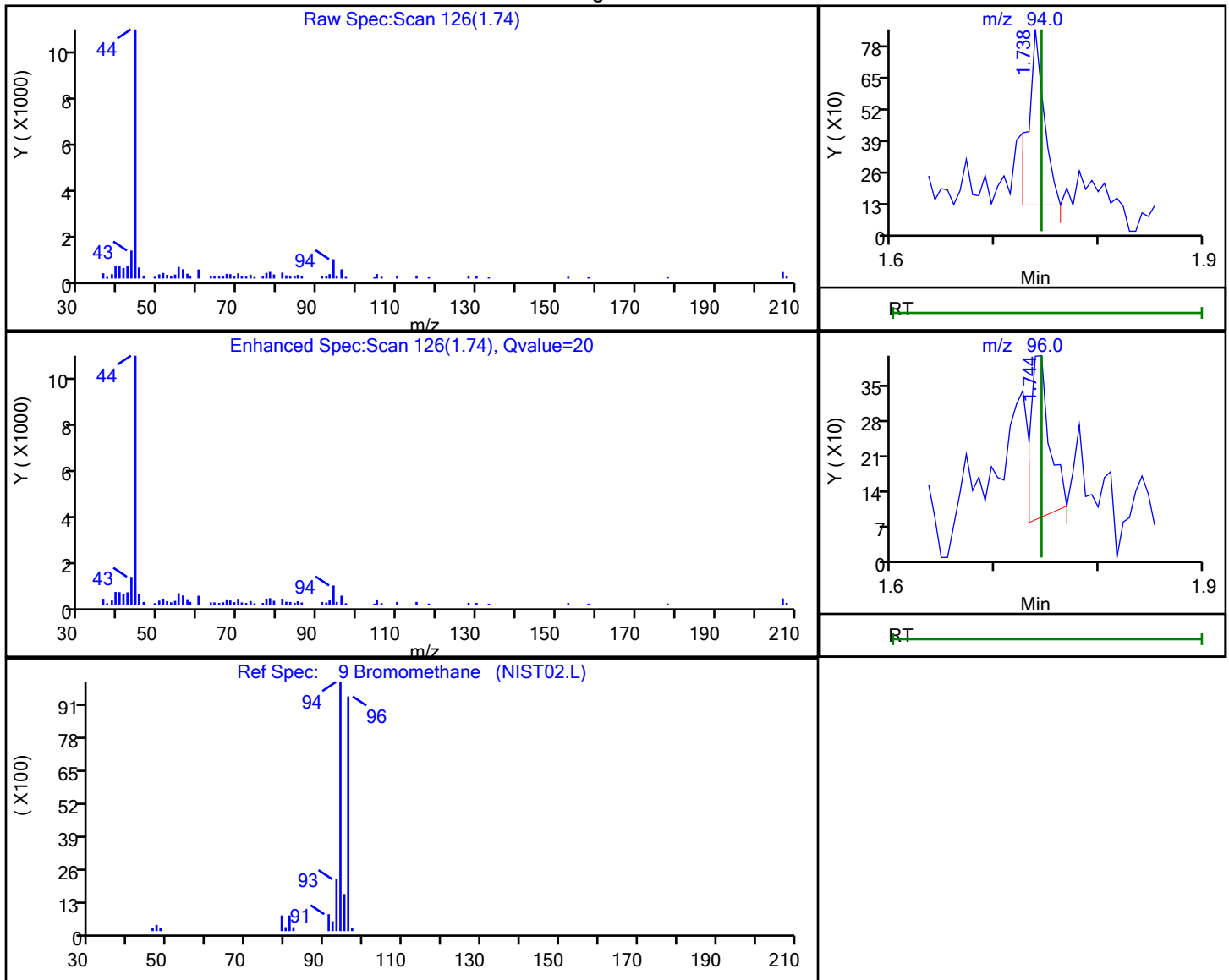
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.74	94.00	786	0.184422
1.74	96.00	415	

Reviewer: W9CM, 15-Oct-2022 10:21:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

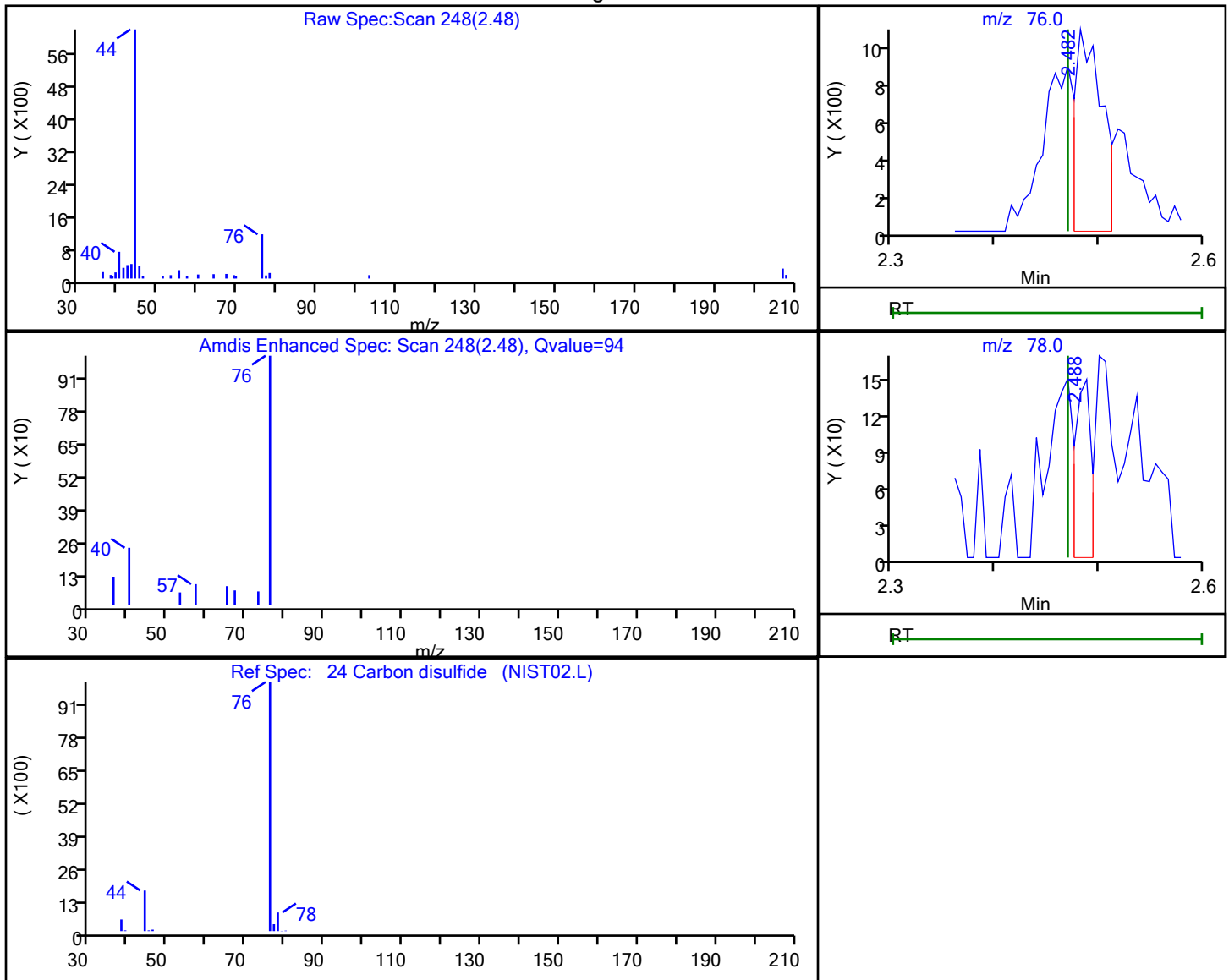
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.48	76.00	2029	0.110609
2.49	78.00	165	

Reviewer: W9CM, 15-Oct-2022 10:22:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

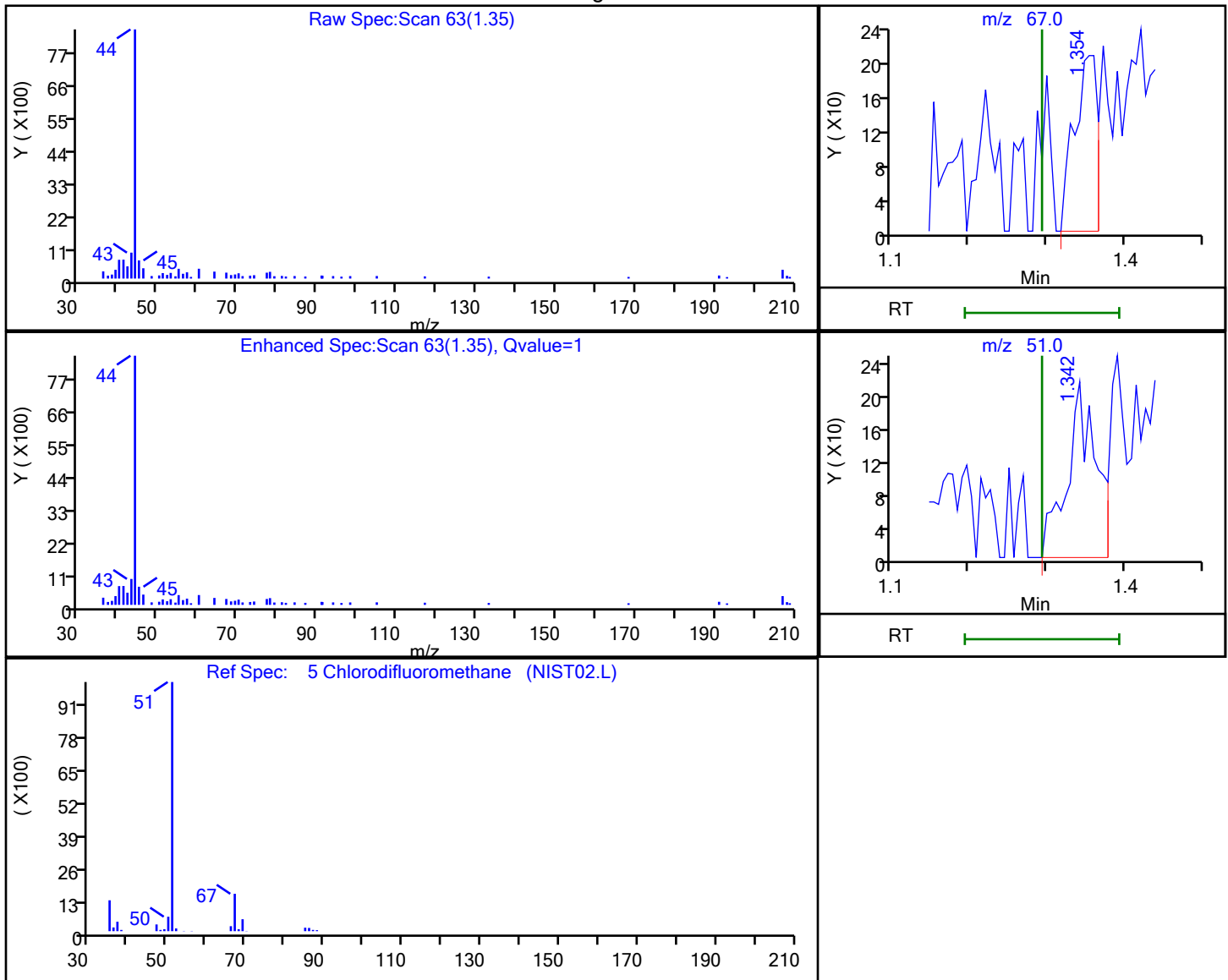
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.35	67.00	420	0.308479
1.34	51.00	556	

Reviewer: W9CM, 15-Oct-2022 10:21:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

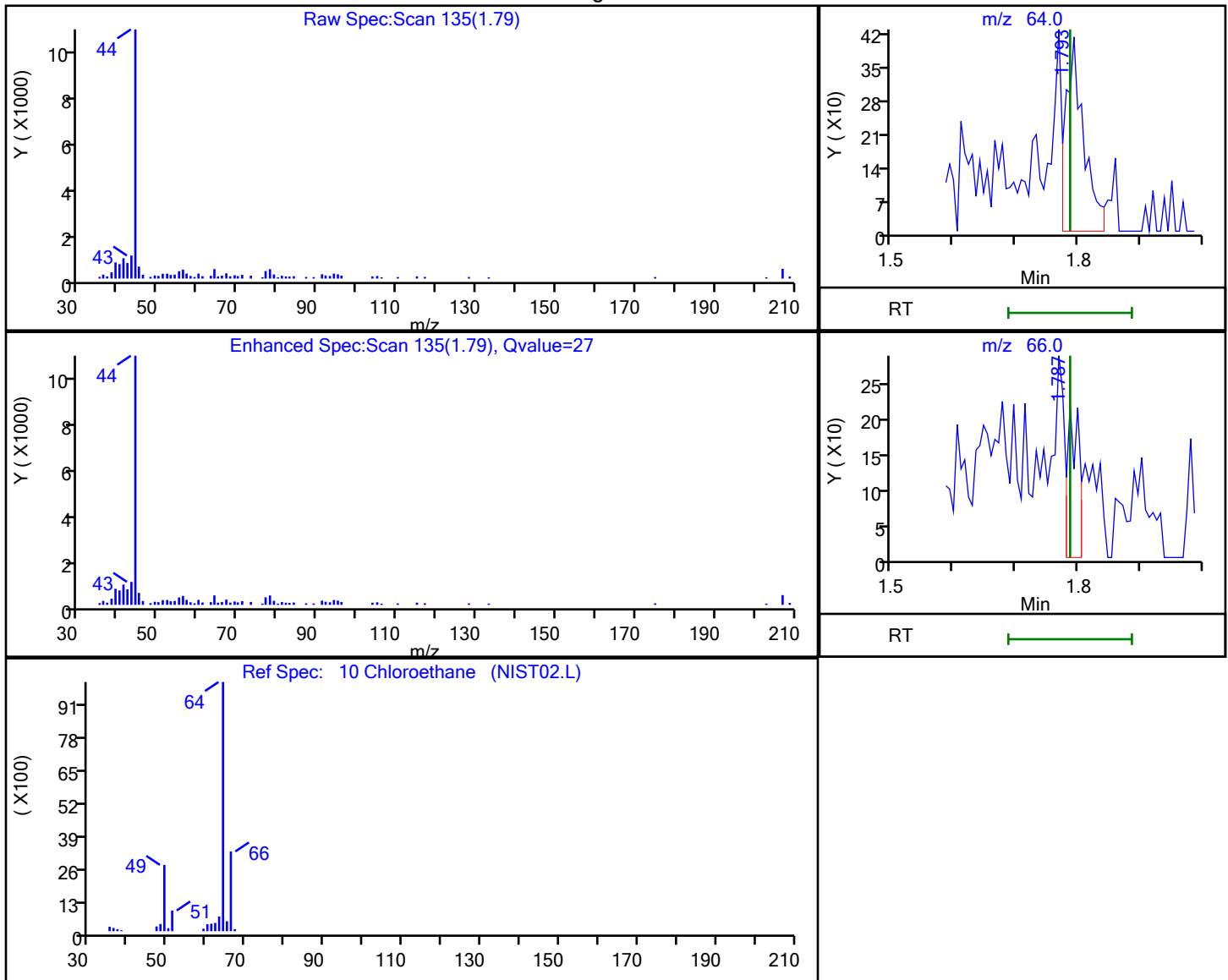
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.79	64.00	828	0.224629
1.79	66.00	285	

Reviewer: W9CM, 15-Oct-2022 10:21:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

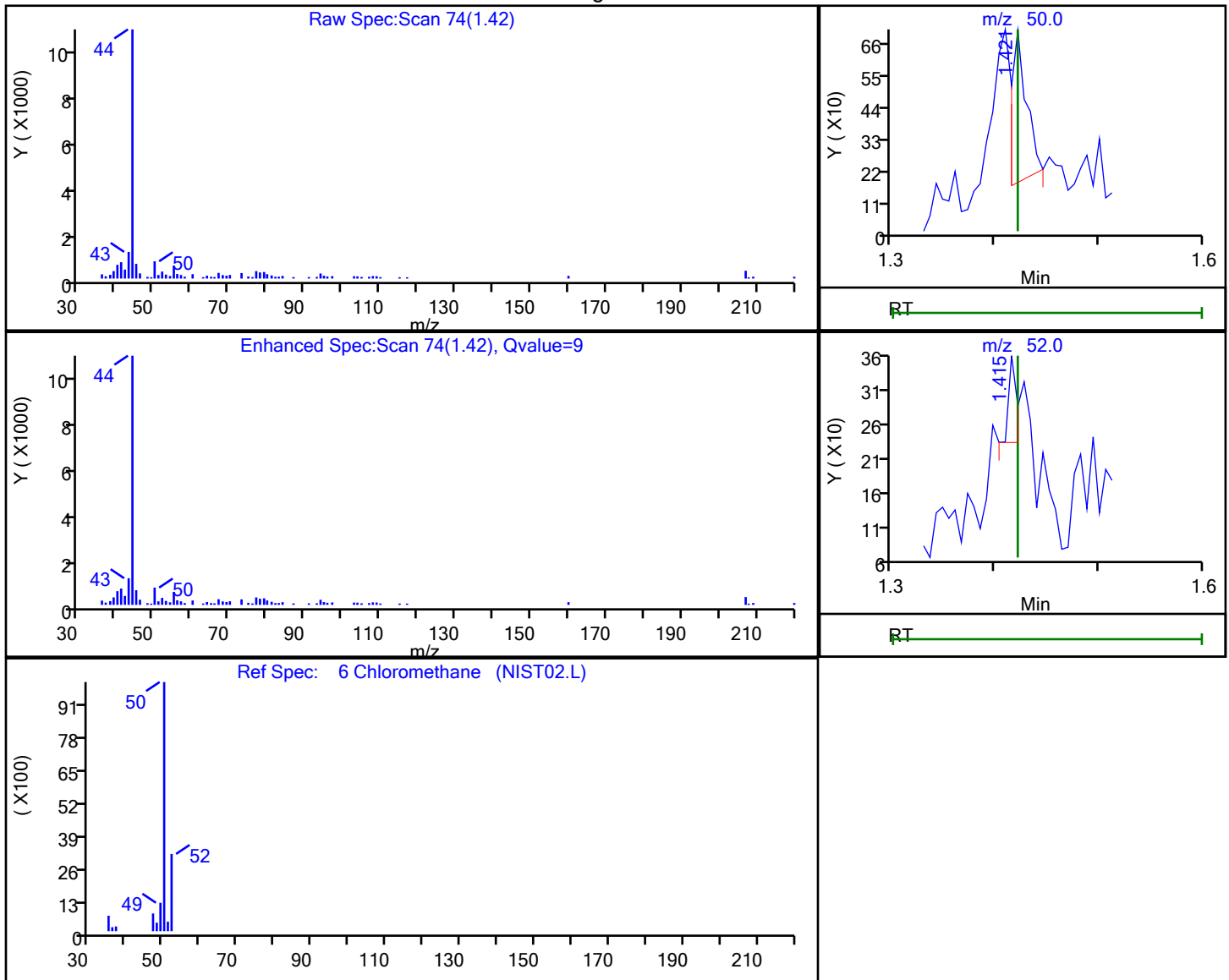
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.42	50.00	533	0.068692
1.42	52.00	66	

Reviewer: W9CM, 15-Oct-2022 10:21:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

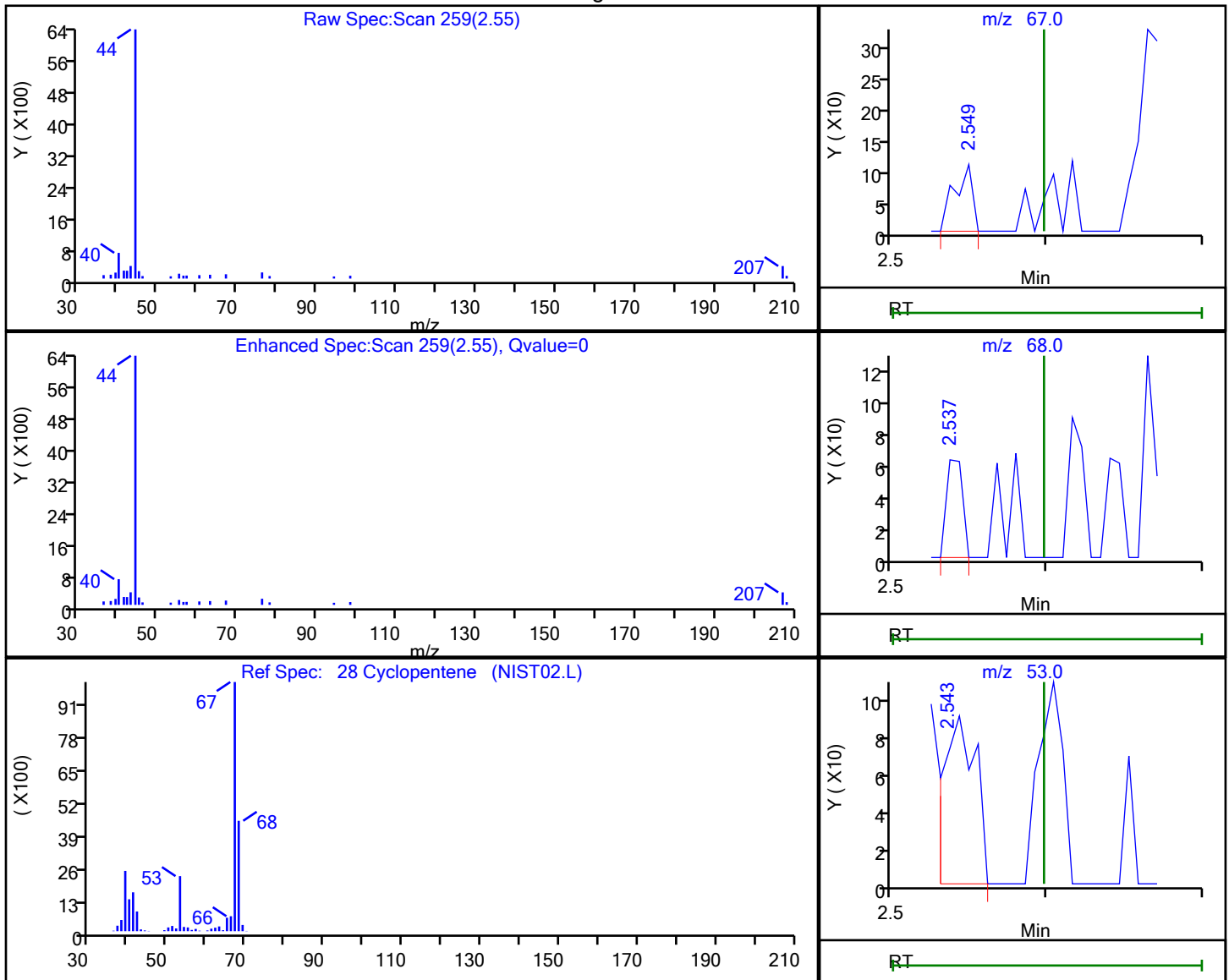
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.55	67.00	89	0.006946
2.54	68.00	44	
2.54	53.00	121	

Reviewer: W9CM, 15-Oct-2022 10:22:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

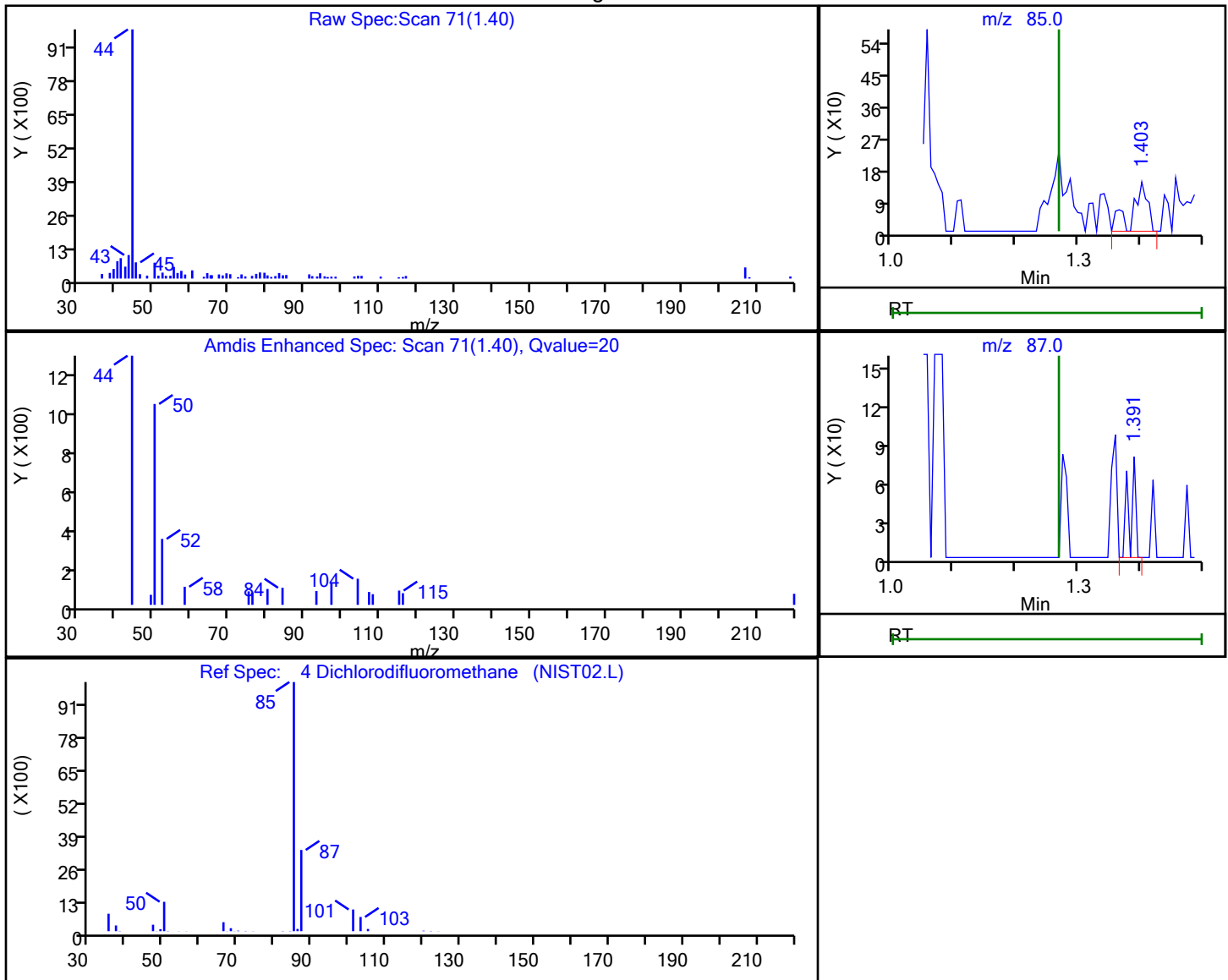
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.40	85.00	239	0.039879
1.39	87.00	53	

Reviewer: W9CM, 15-Oct-2022 10:20:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

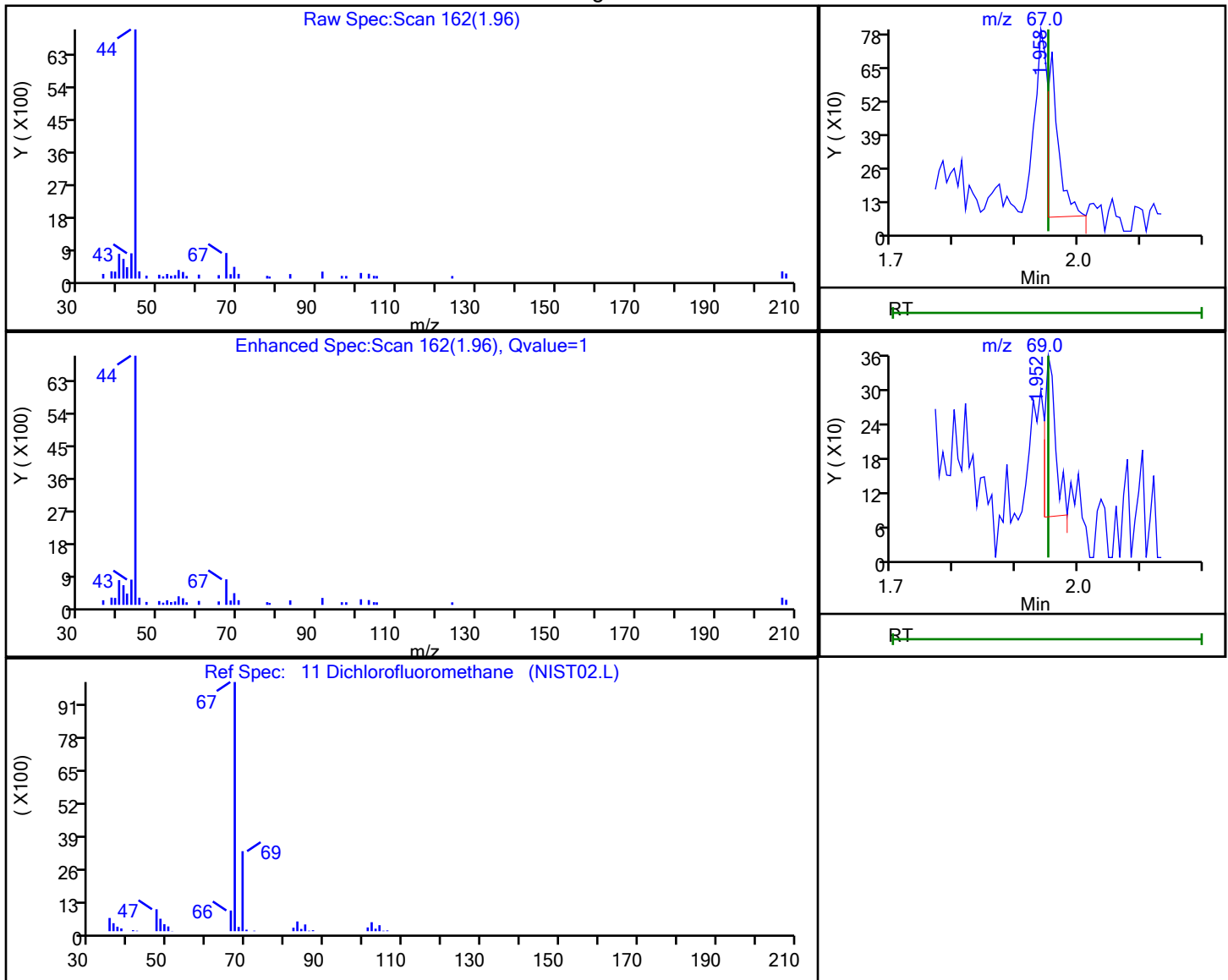
Column: DB-624 (0.18 mm)

Detector

MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.96	67.00	770	0.072768
1.95	69.00	341	

Reviewer: W9CM, 15-Oct-2022 10:22:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

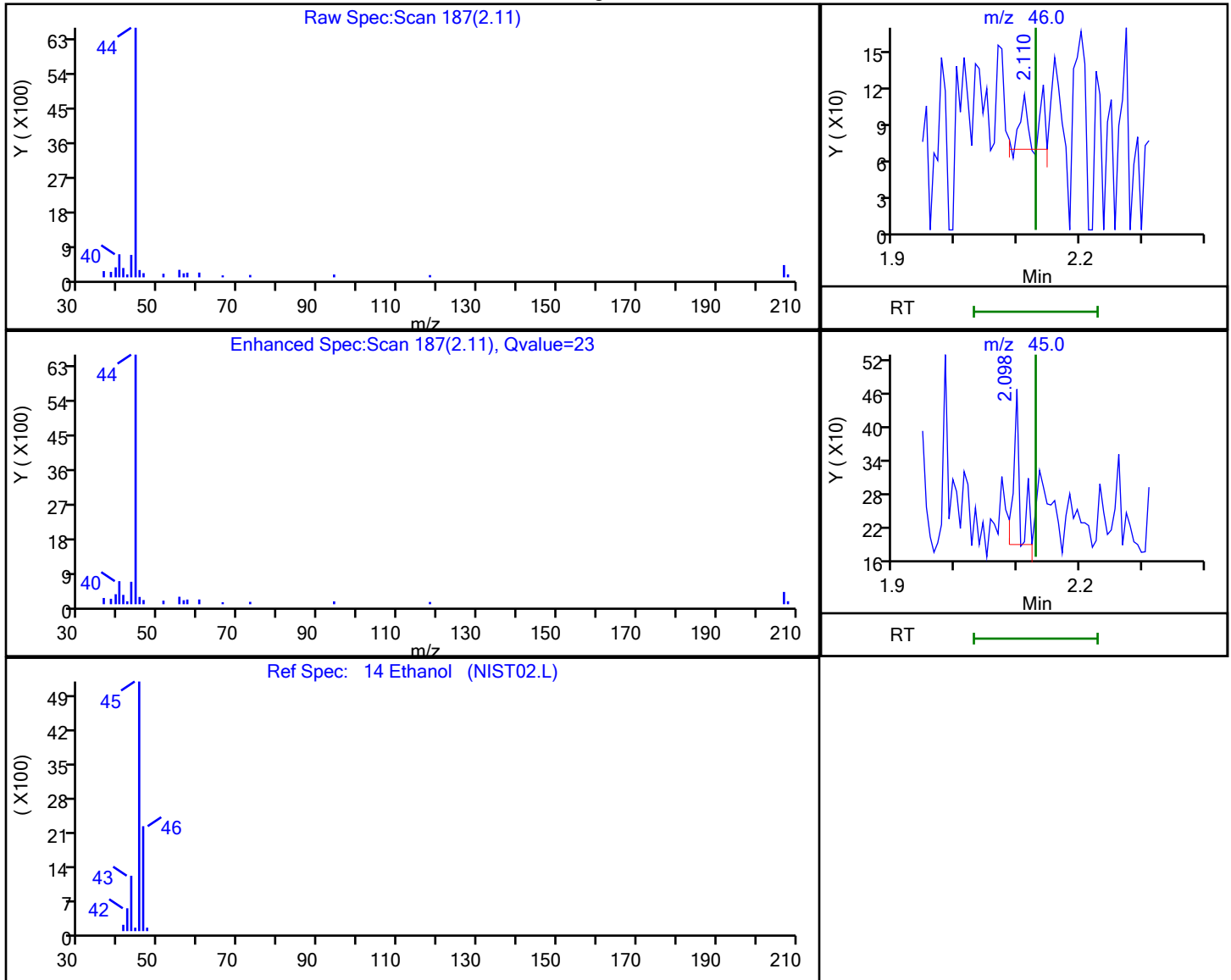
Column: DB-624 (0.18 mm)

Detector

MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.11	46.00	63	5.428495
2.10	45.00	196	

Reviewer: W9CM, 15-Oct-2022 10:22:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

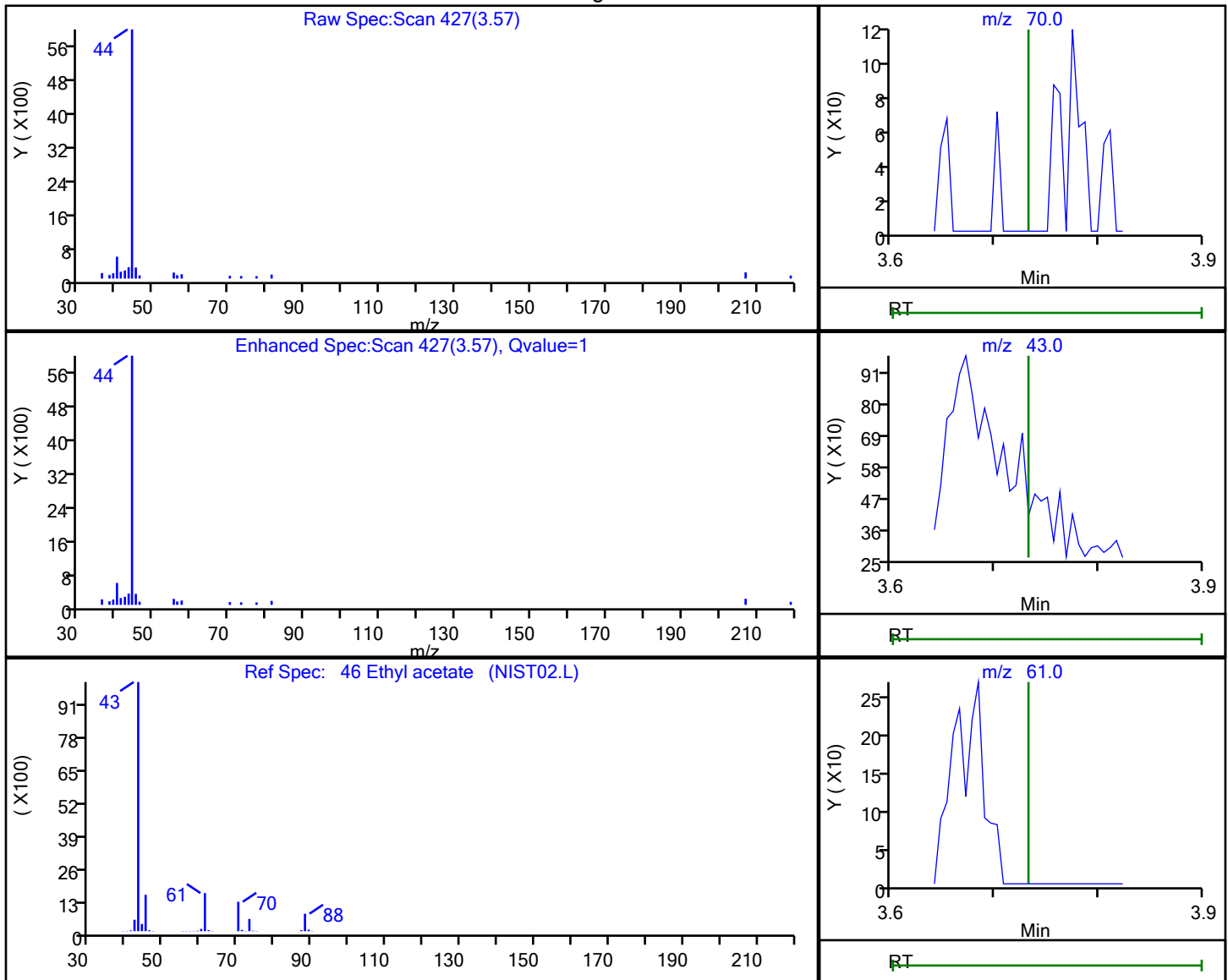
Column: DB-624 (0.18 mm)

Detector

MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.57	70.00	66	0.144905
3.57	43.00	181	
3.63	61.00	0	

Reviewer: W9CM, 15-Oct-2022 10:23:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

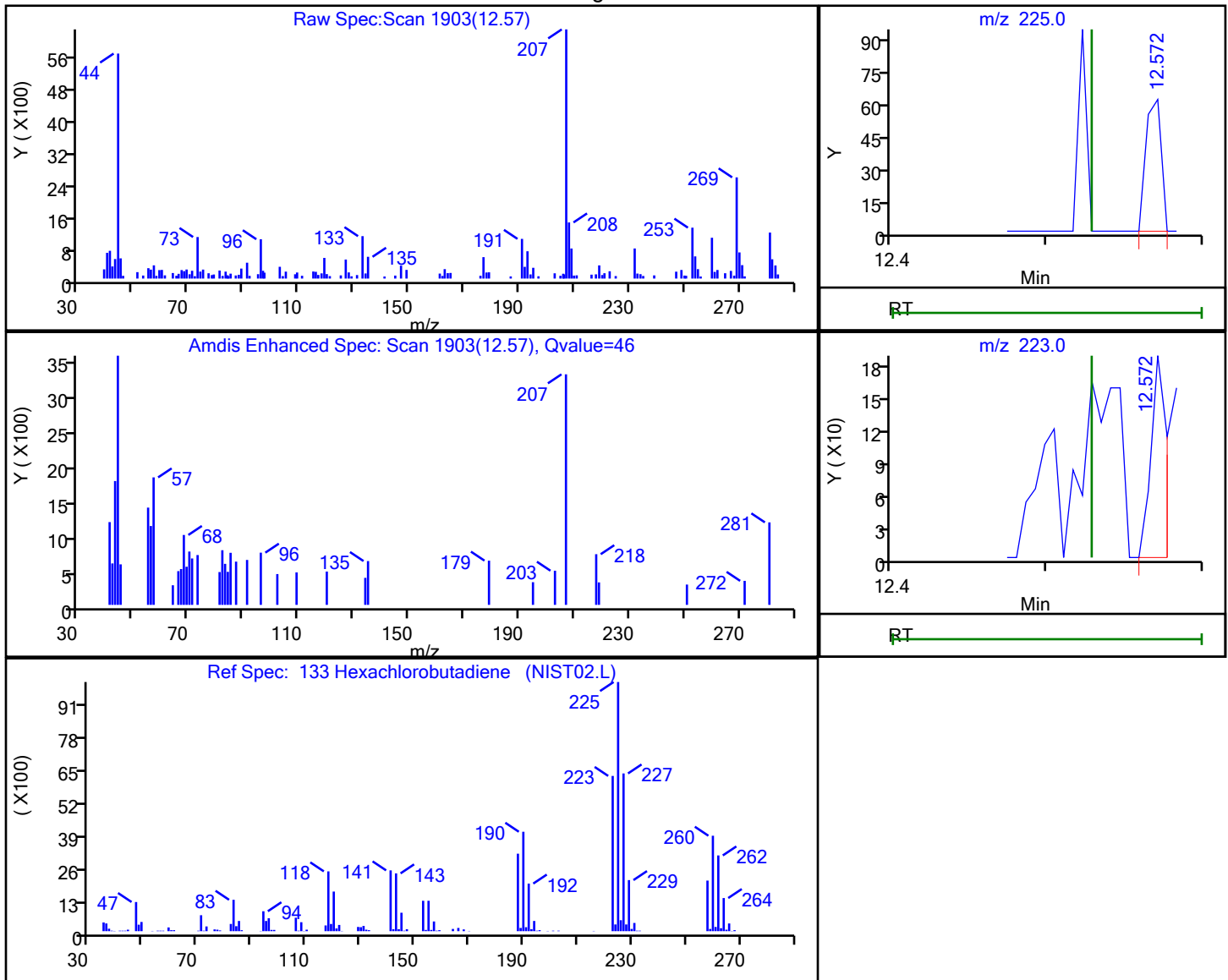
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

133 Hexachlorobutadiene, CAS: 87-68-3

Processing Results



RT	Mass	Response	Amount
12.57	225.00	43	0.012744
12.57	223.00	128	

Reviewer: W9CM, 15-Oct-2022 10:24:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

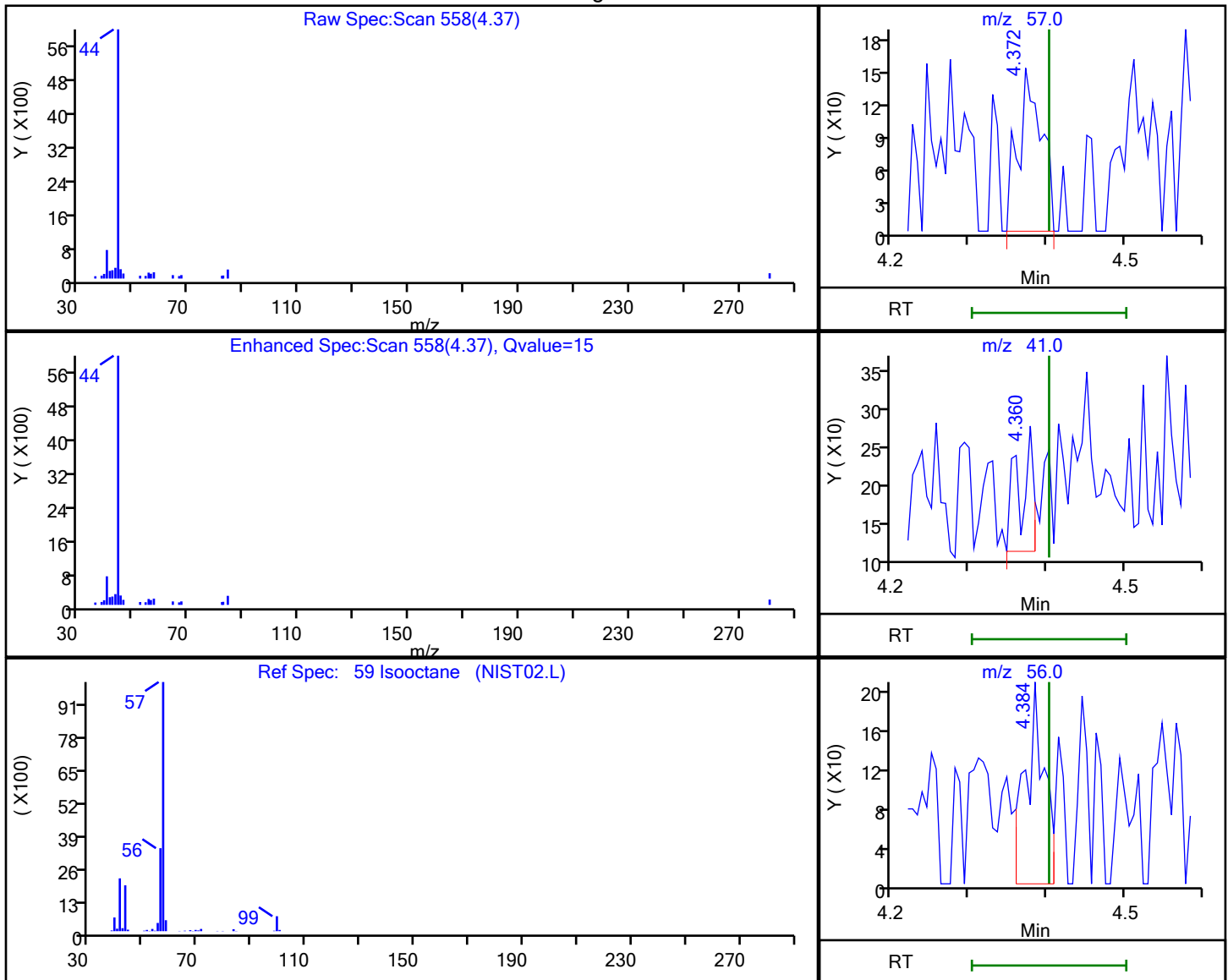
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.37	57.00	309	0.019974
4.36	41.00	205	
4.38	56.00	349	

Reviewer: W9CM, 15-Oct-2022 10:23:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

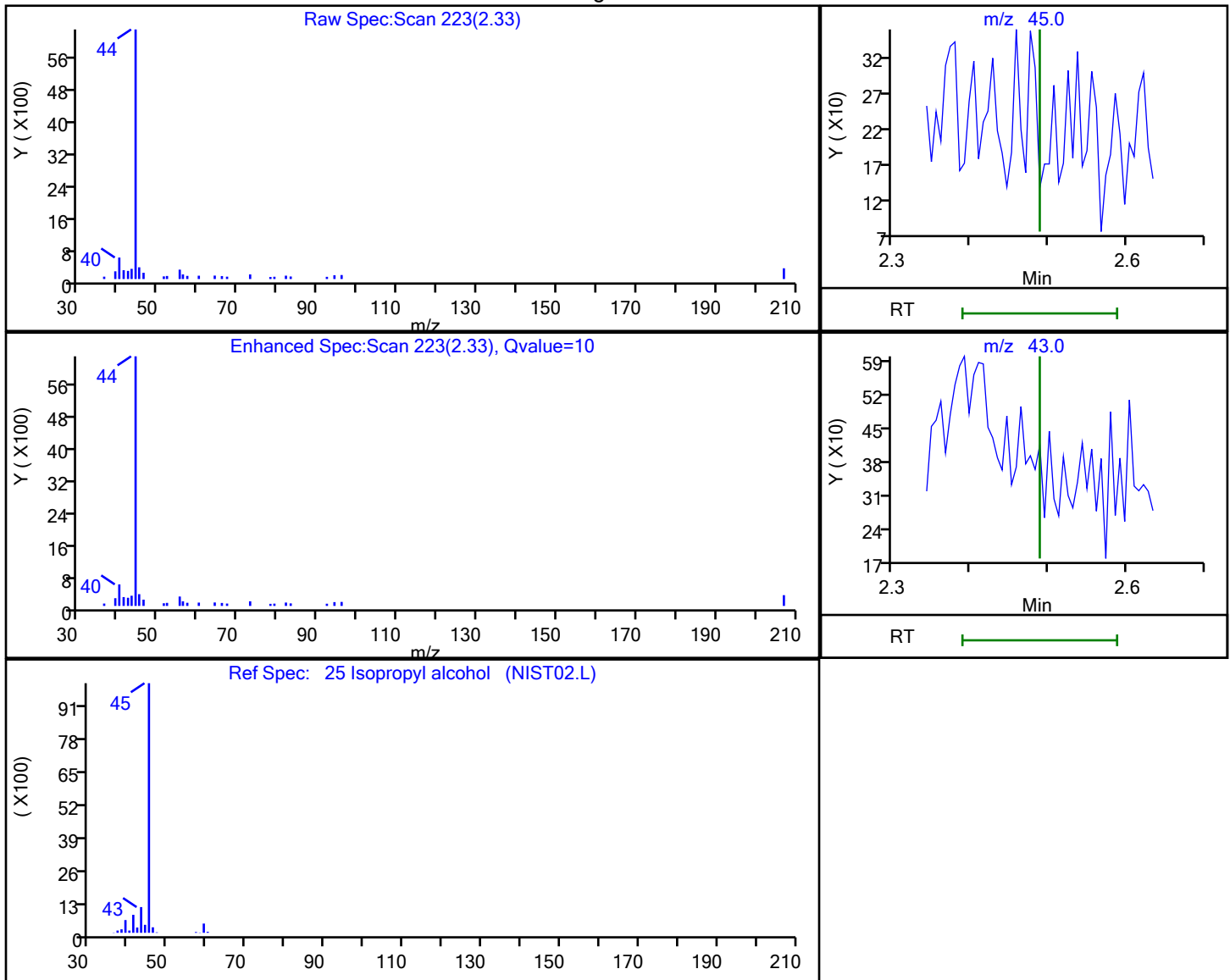
Column: DB-624 (0.18 mm)

Detector

MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.33	45.00	214	26.444985
2.30	43.00	398	

Reviewer: W9CM, 15-Oct-2022 10:22:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

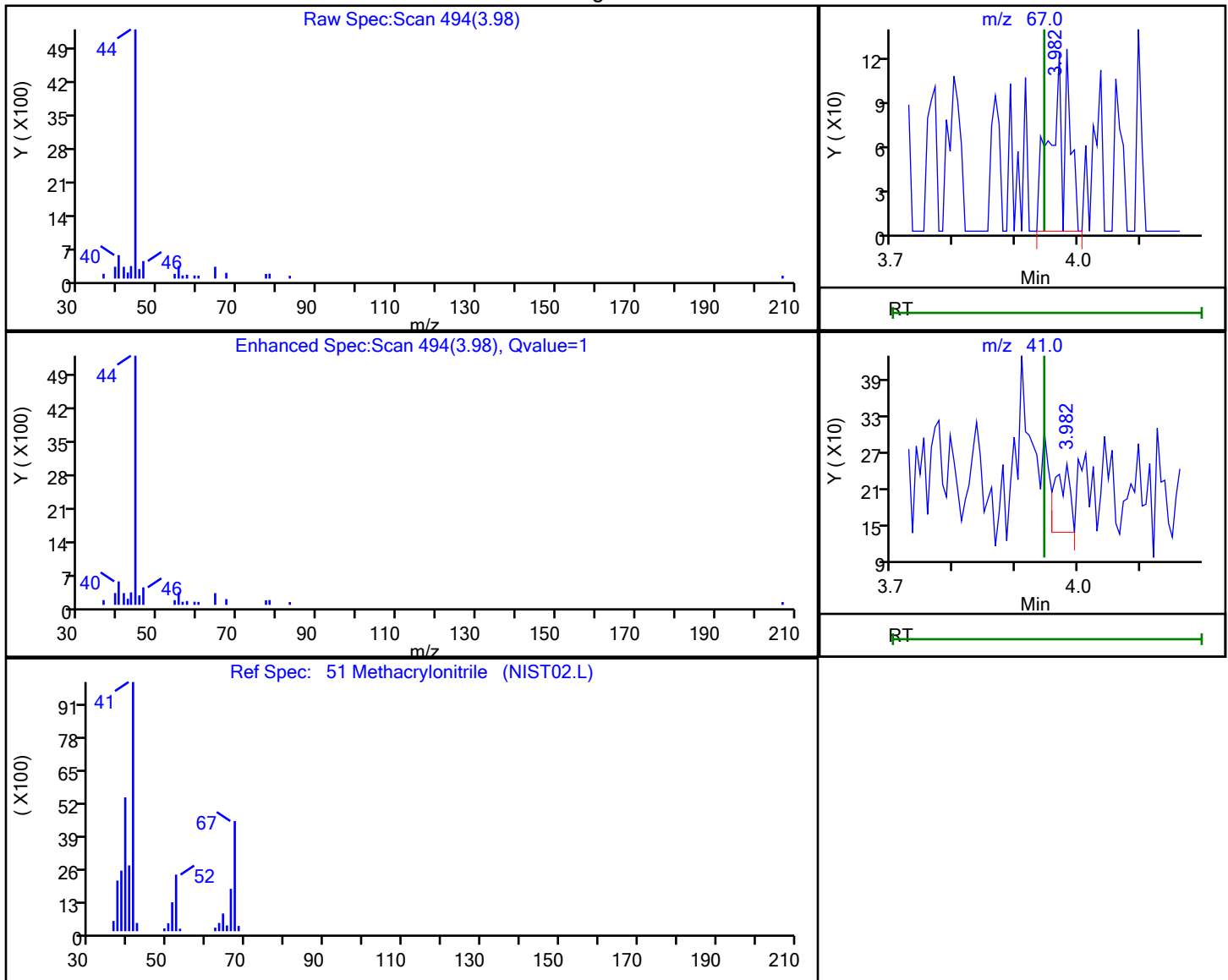
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.98	67.00	233	0.106620
3.98	41.00	182	

Reviewer: W9CM, 15-Oct-2022 10:23:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

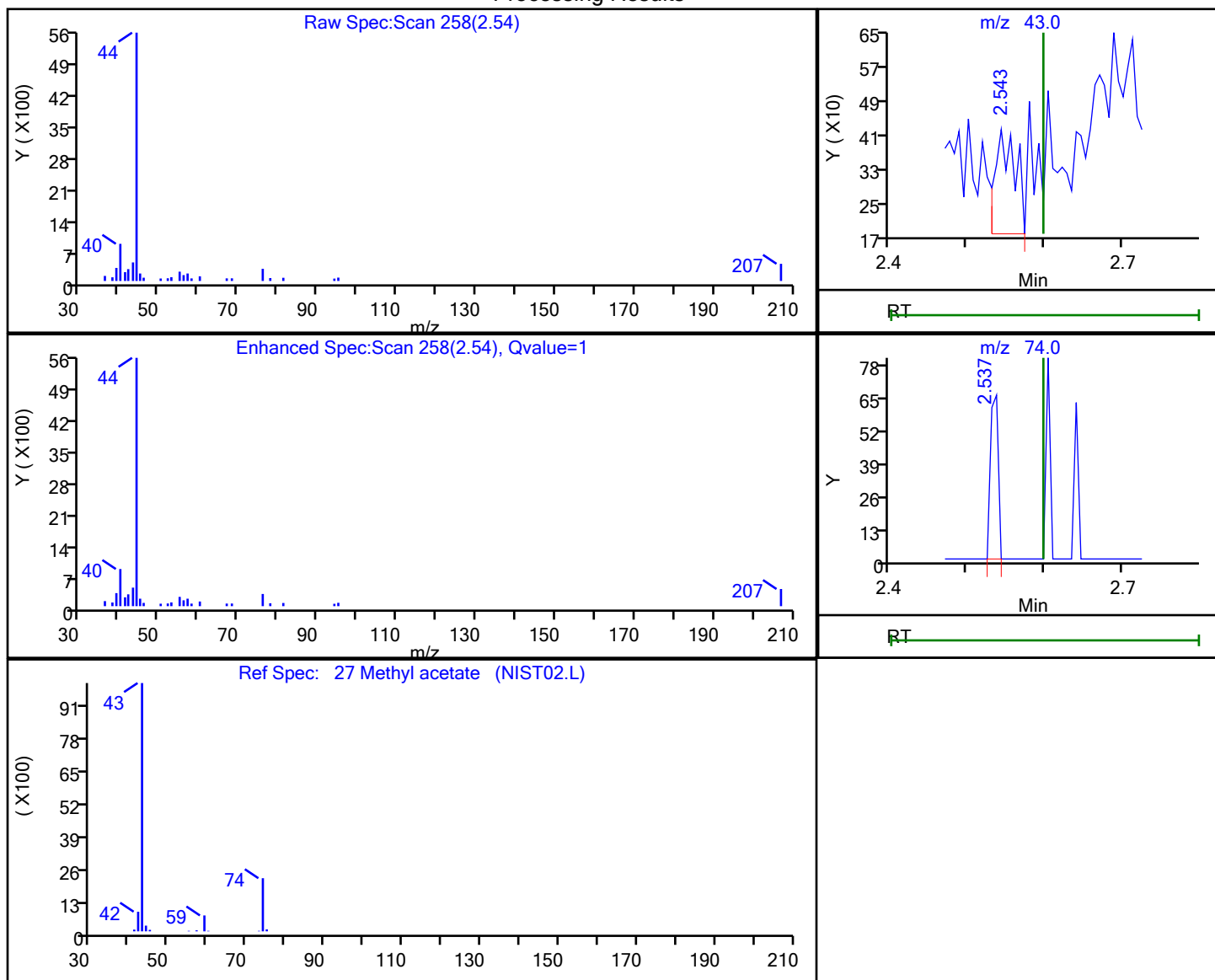
Column: DB-624 (0.18 mm)

Detector

MS Quad

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.54	43.00	440	0.111980
2.54	74.00	46	

Reviewer: W9CM, 15-Oct-2022 10:22:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

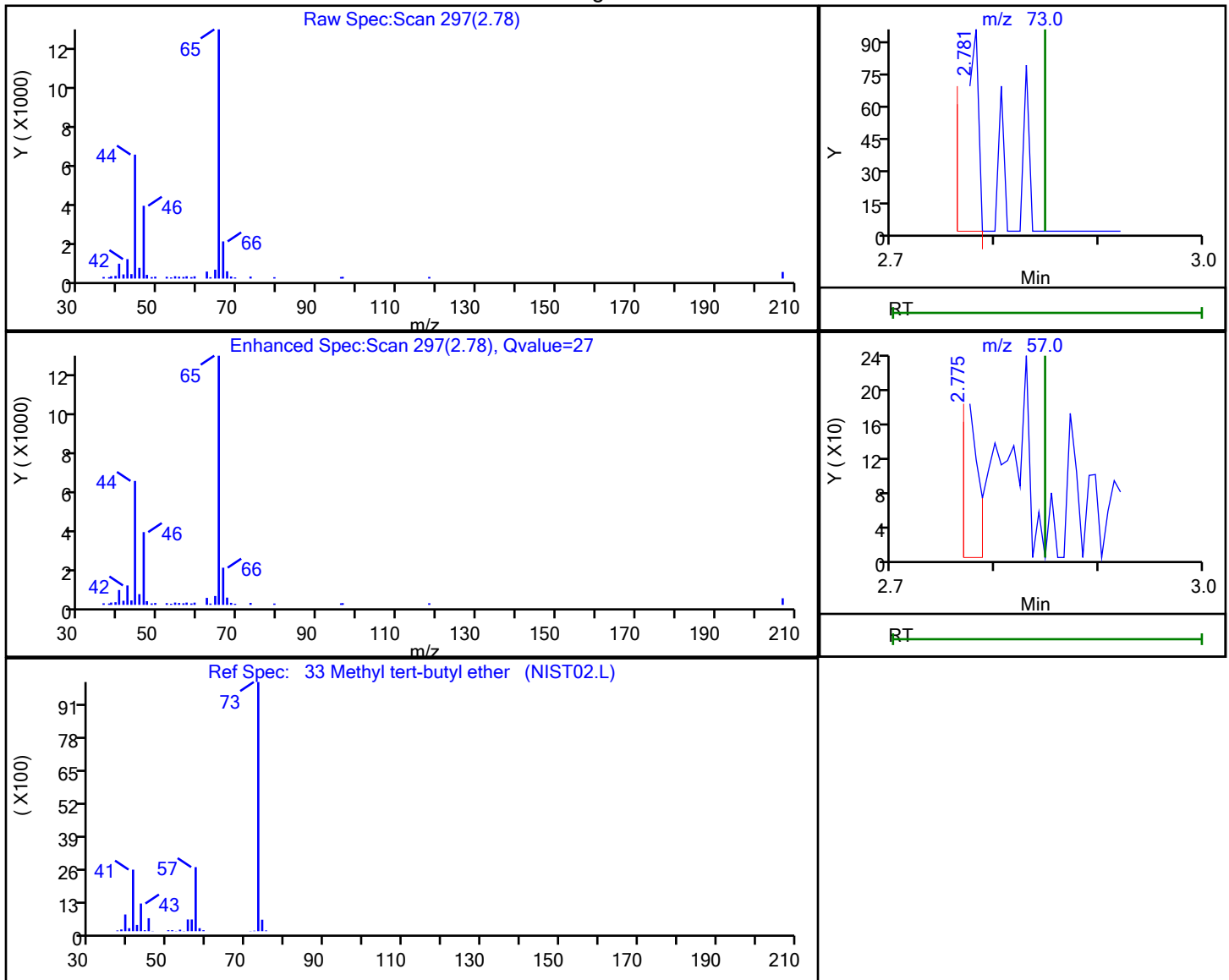
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.78	73.00	79	0.005024
2.77	57.00	130	

Reviewer: W9CM, 15-Oct-2022 10:22:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

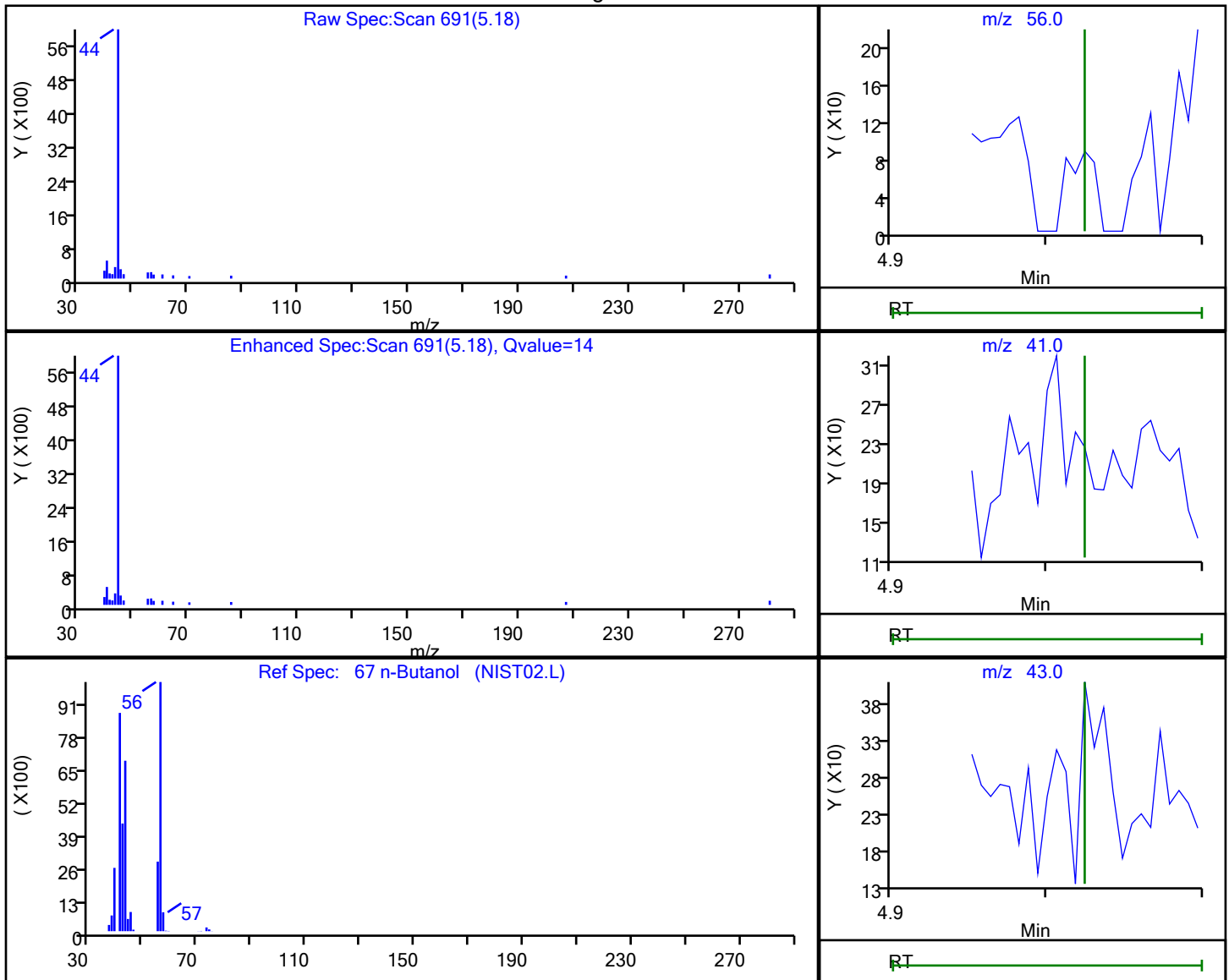
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.18	56.00	107	1.051195
5.17	41.00	56	
5.19	43.00	73	

Reviewer: W9CM, 15-Oct-2022 10:23:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

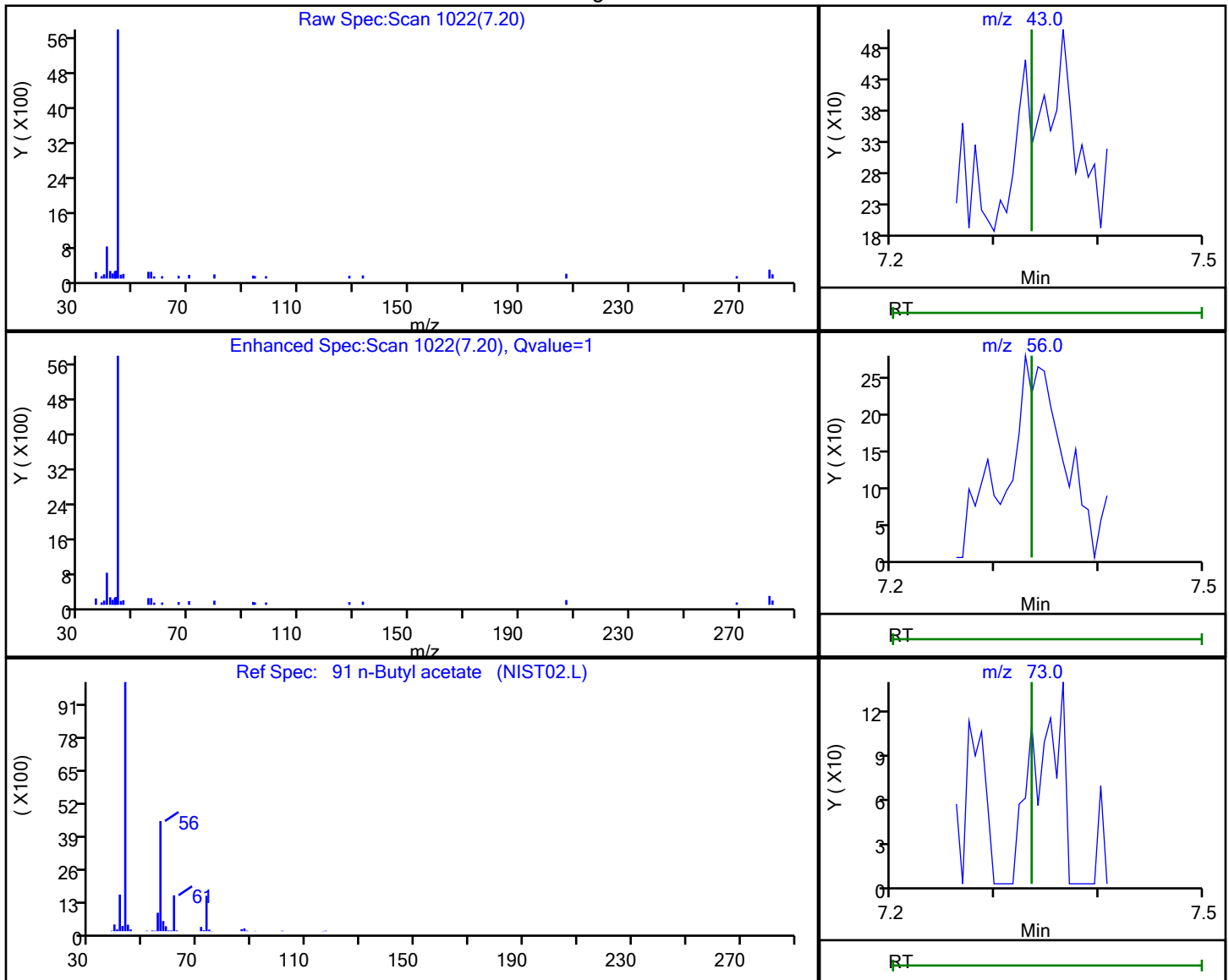
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
7.20	43.00	116	0.014404
7.20	56.00	318	
7.21	73.00	209	

Reviewer: W9CM, 15-Oct-2022 10:24:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

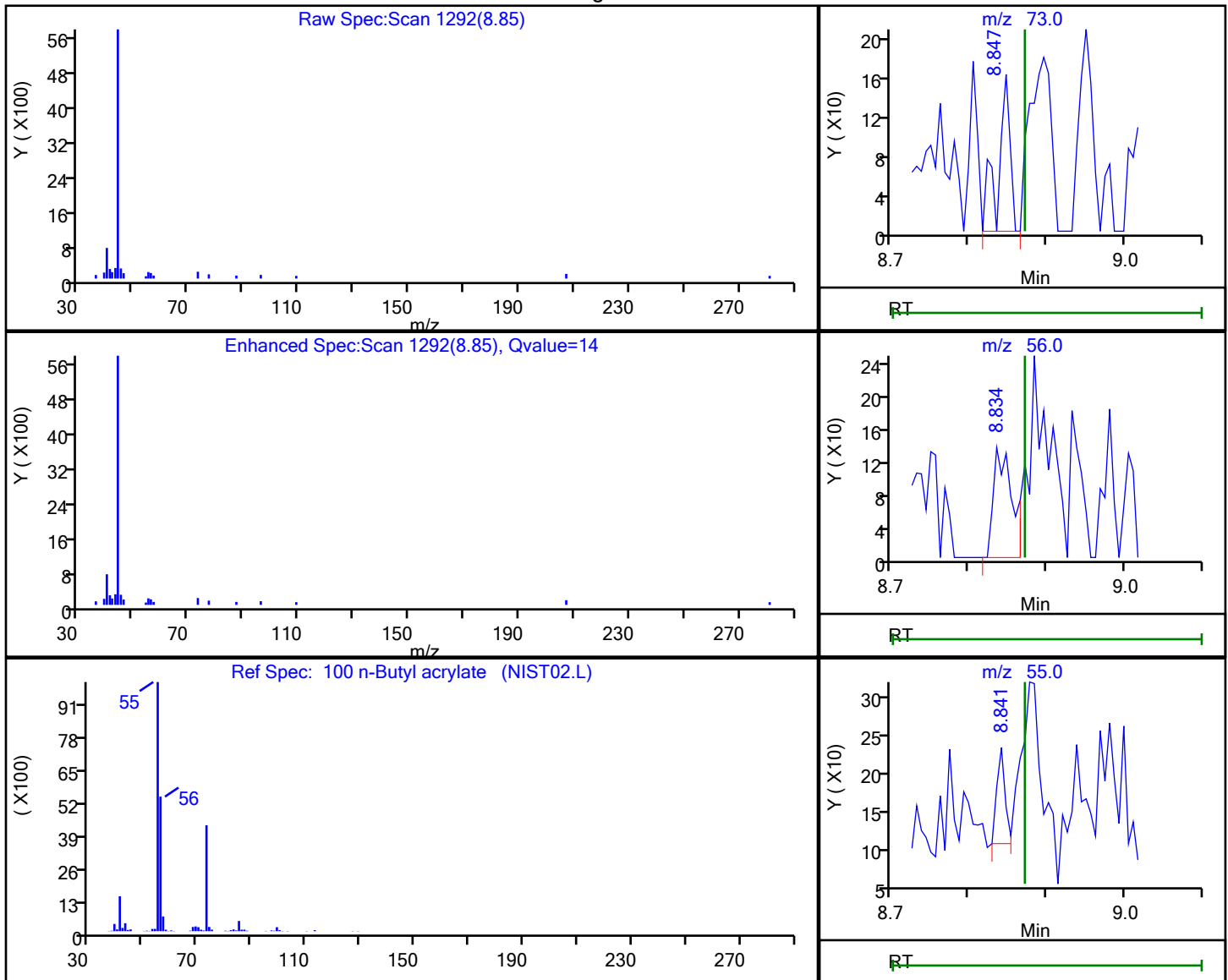
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
8.85	73.00	170	0.041088
8.83	56.00	225	
8.84	55.00	93	

Reviewer: W9CM, 15-Oct-2022 10:24:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

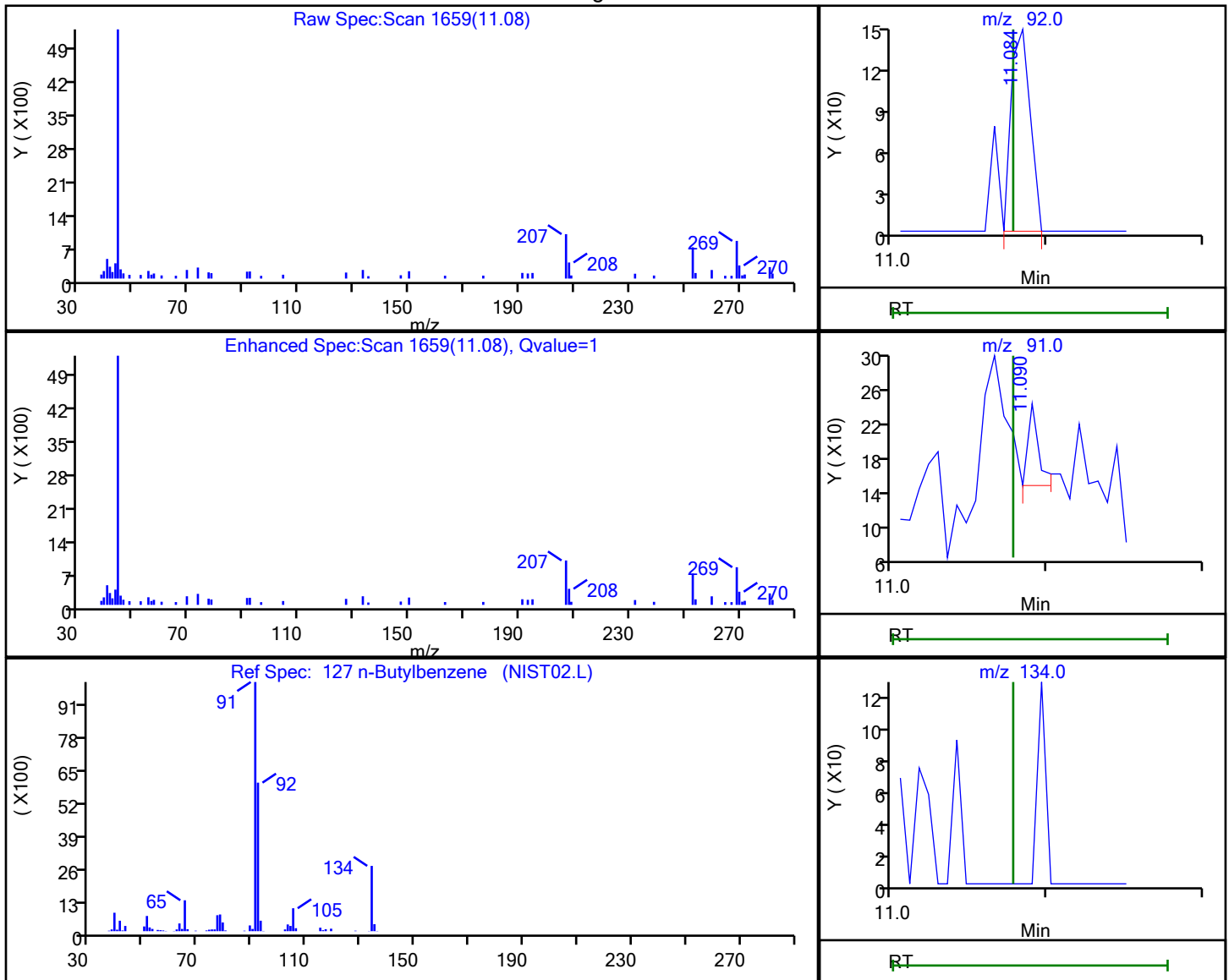
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.08	92.00	128	0.011292
11.09	91.00	45	
11.08	134.00	0	

Reviewer: W9CM, 15-Oct-2022 10:24:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

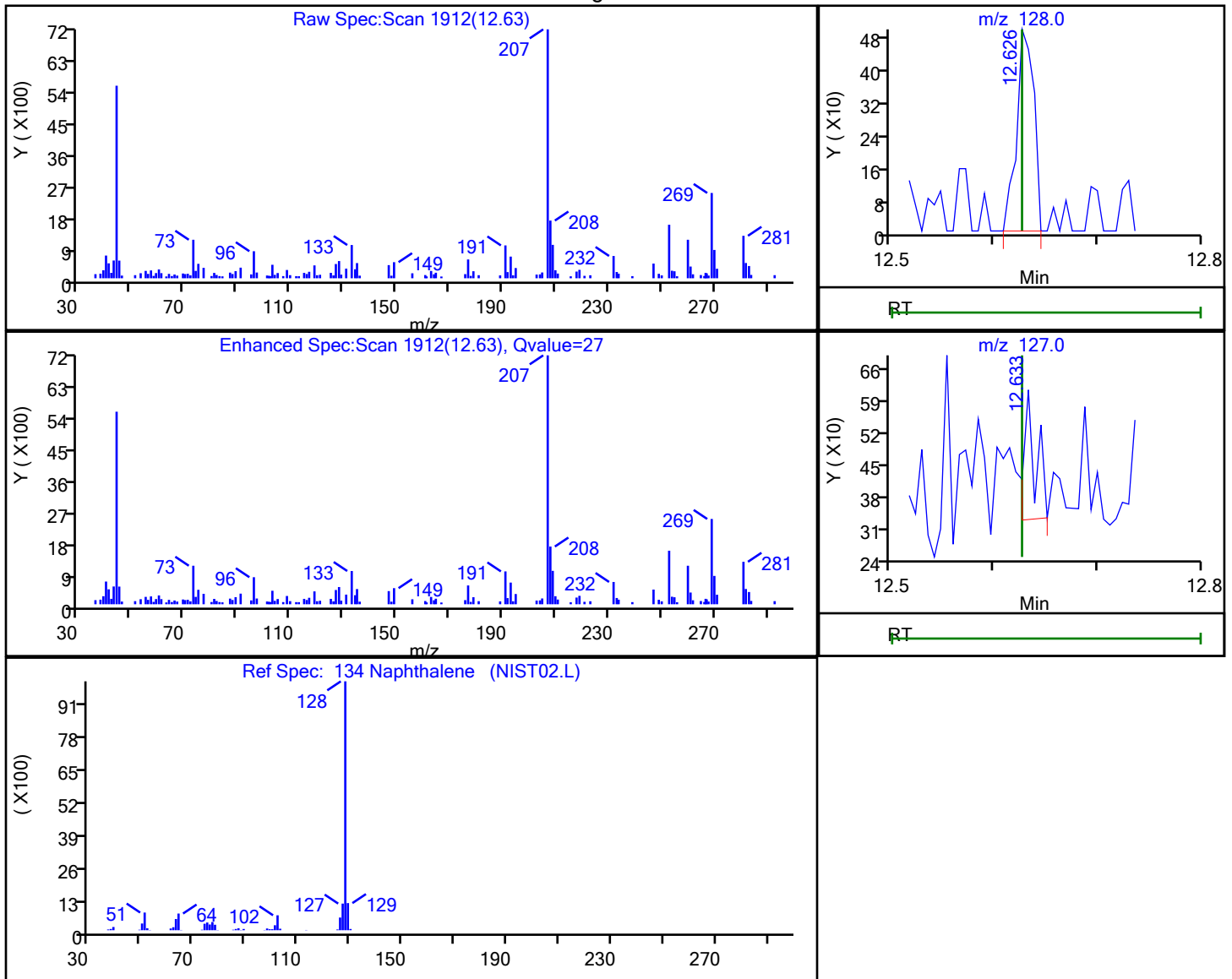
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.63	128.00	573	0.026551
12.63	127.00	224	

Reviewer: W9CM, 15-Oct-2022 10:24:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

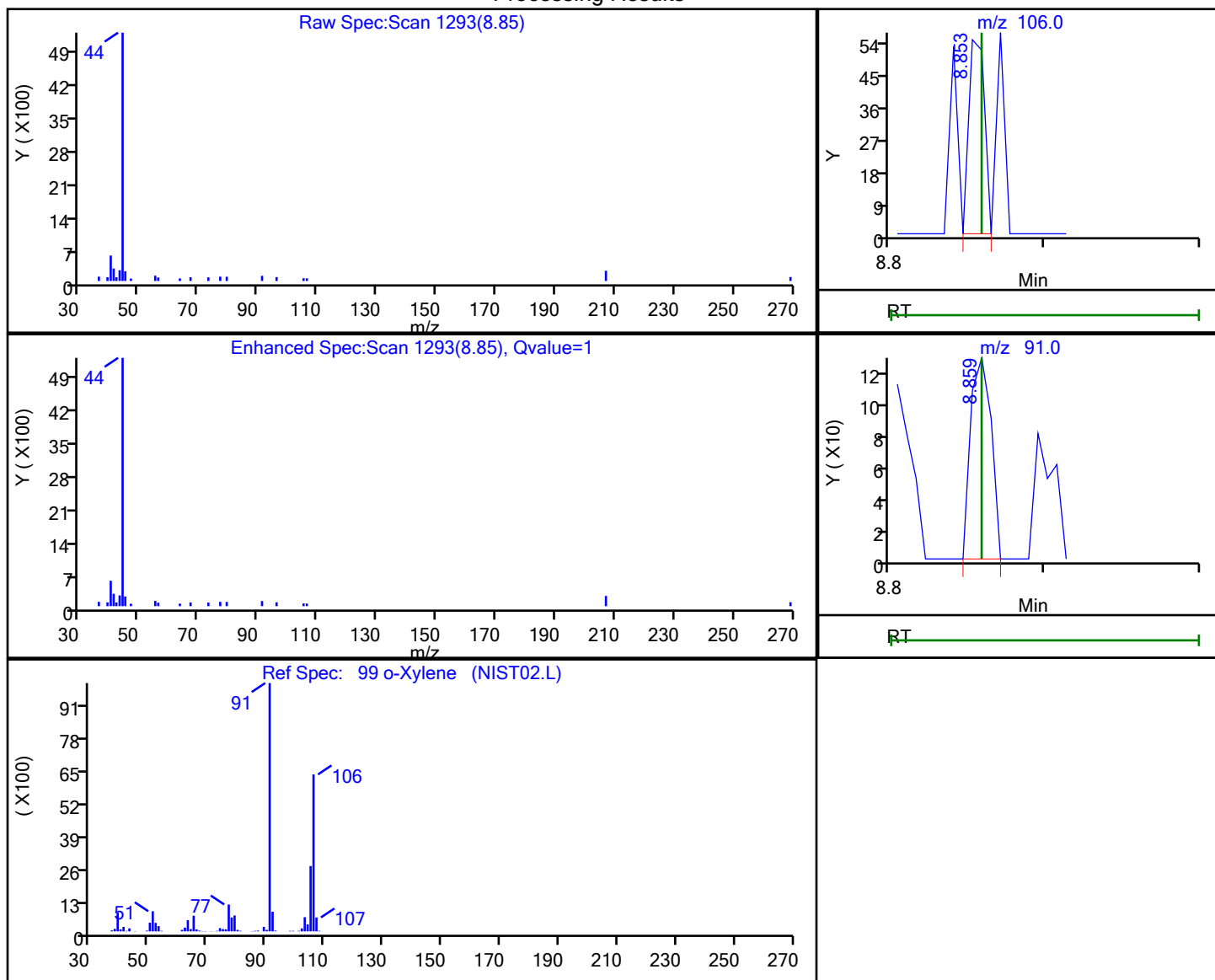
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
8.85	106.00	39	0.004123
8.86	91.00	121	

Reviewer: W9CM, 15-Oct-2022 10:24:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

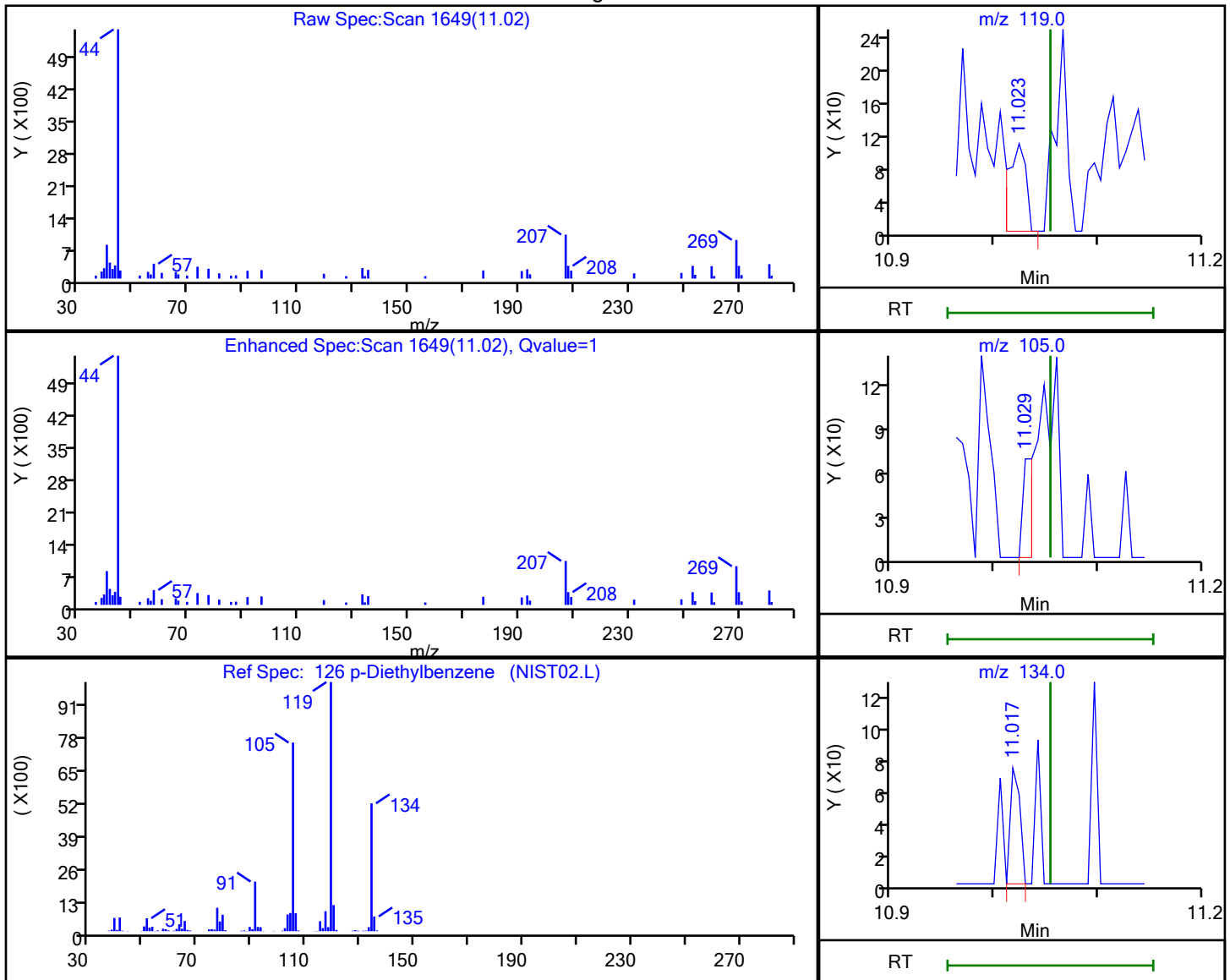
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.02	119.00	123	0.010749
11.03	105.00	47	
11.02	134.00	45	

Reviewer: W9CM, 15-Oct-2022 10:24:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

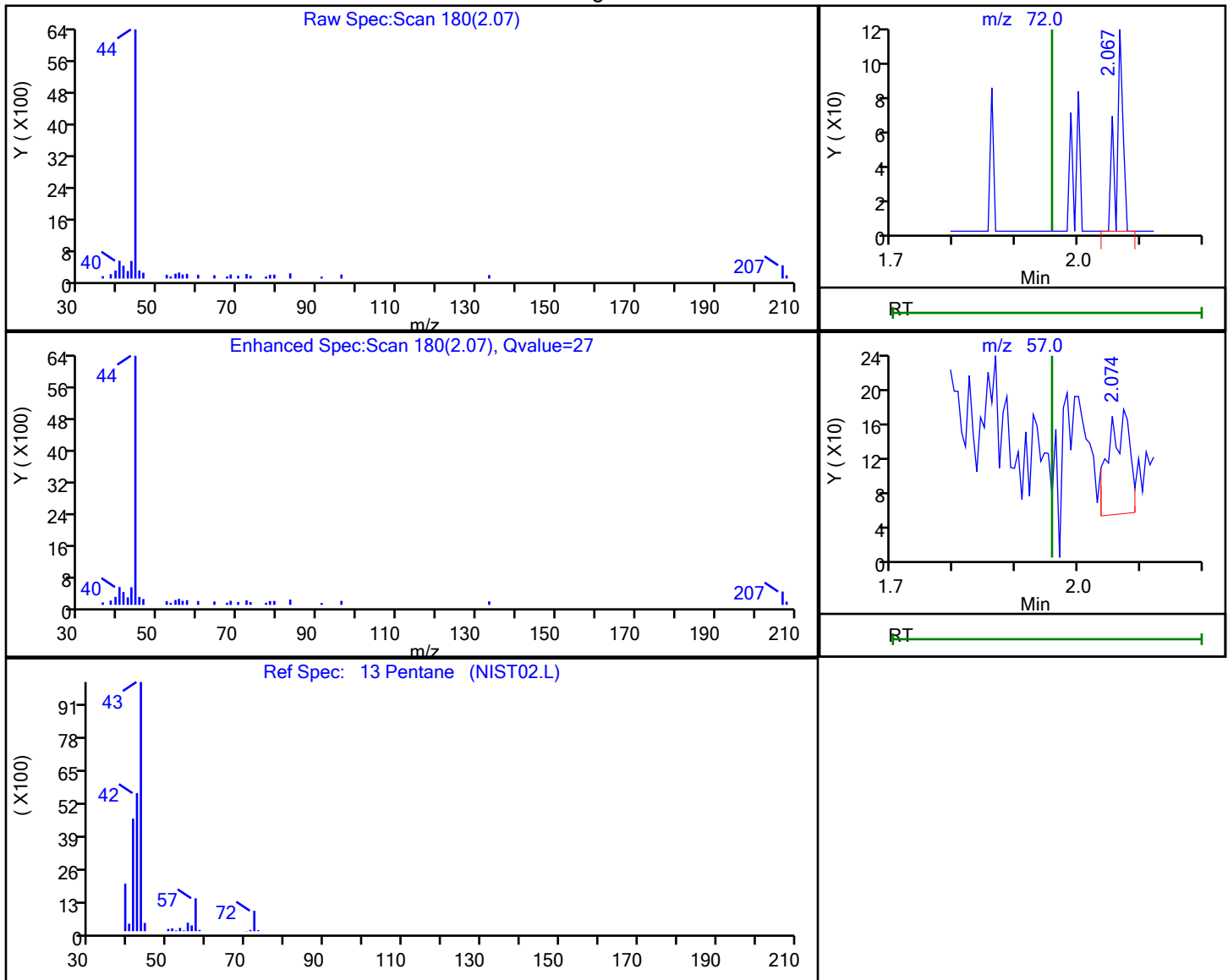
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.07	72.00	84	0.183178
2.07	57.00	279	

Reviewer: W9CM, 15-Oct-2022 10:22:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

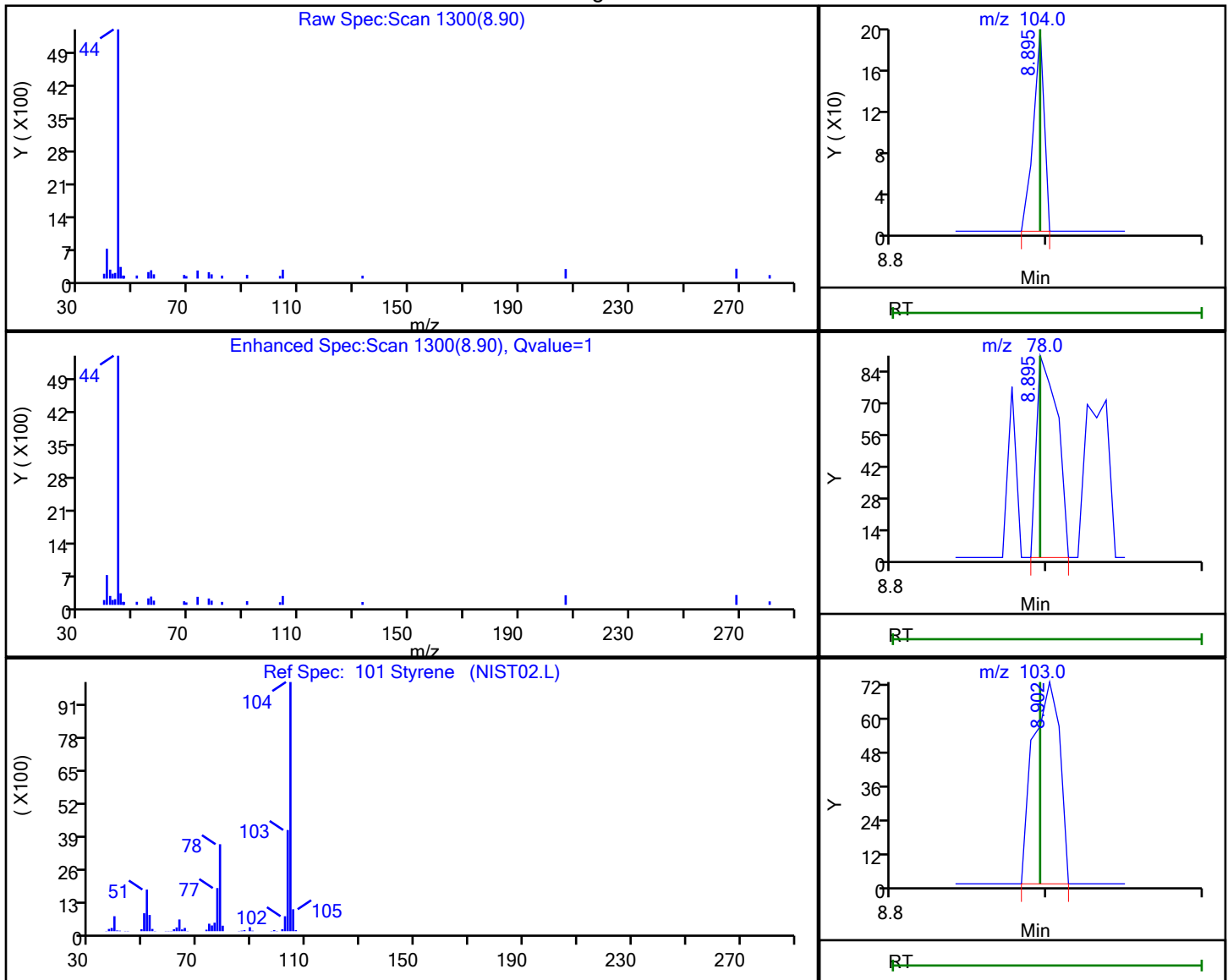
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.90	104.00	93	0.006730
8.90	78.00	85	
8.90	103.00	87	

Reviewer: W9CM, 15-Oct-2022 10:24:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

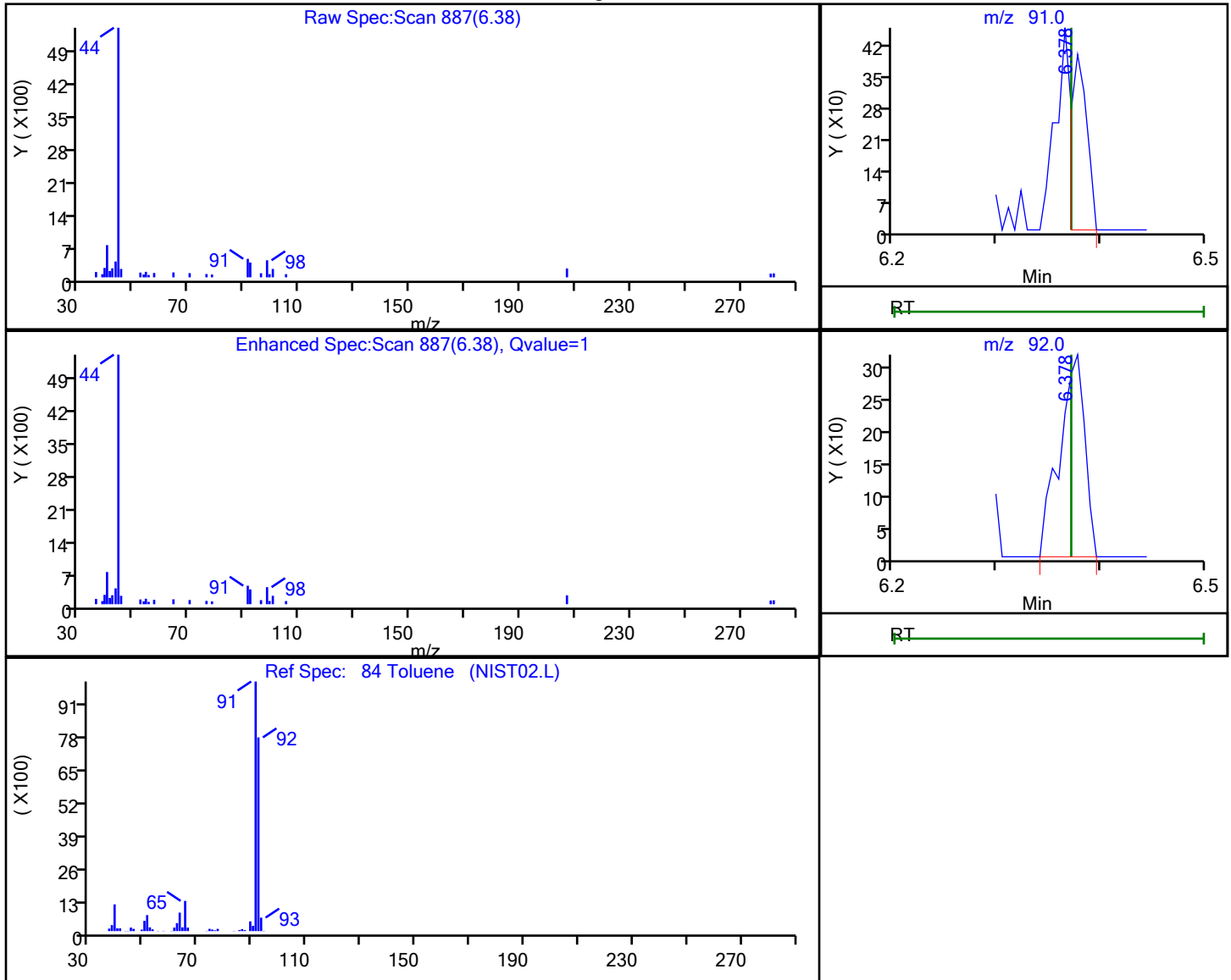
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.38	91.00	415	0.019518
6.38	92.00	537	

Reviewer: W9CM, 15-Oct-2022 10:23:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

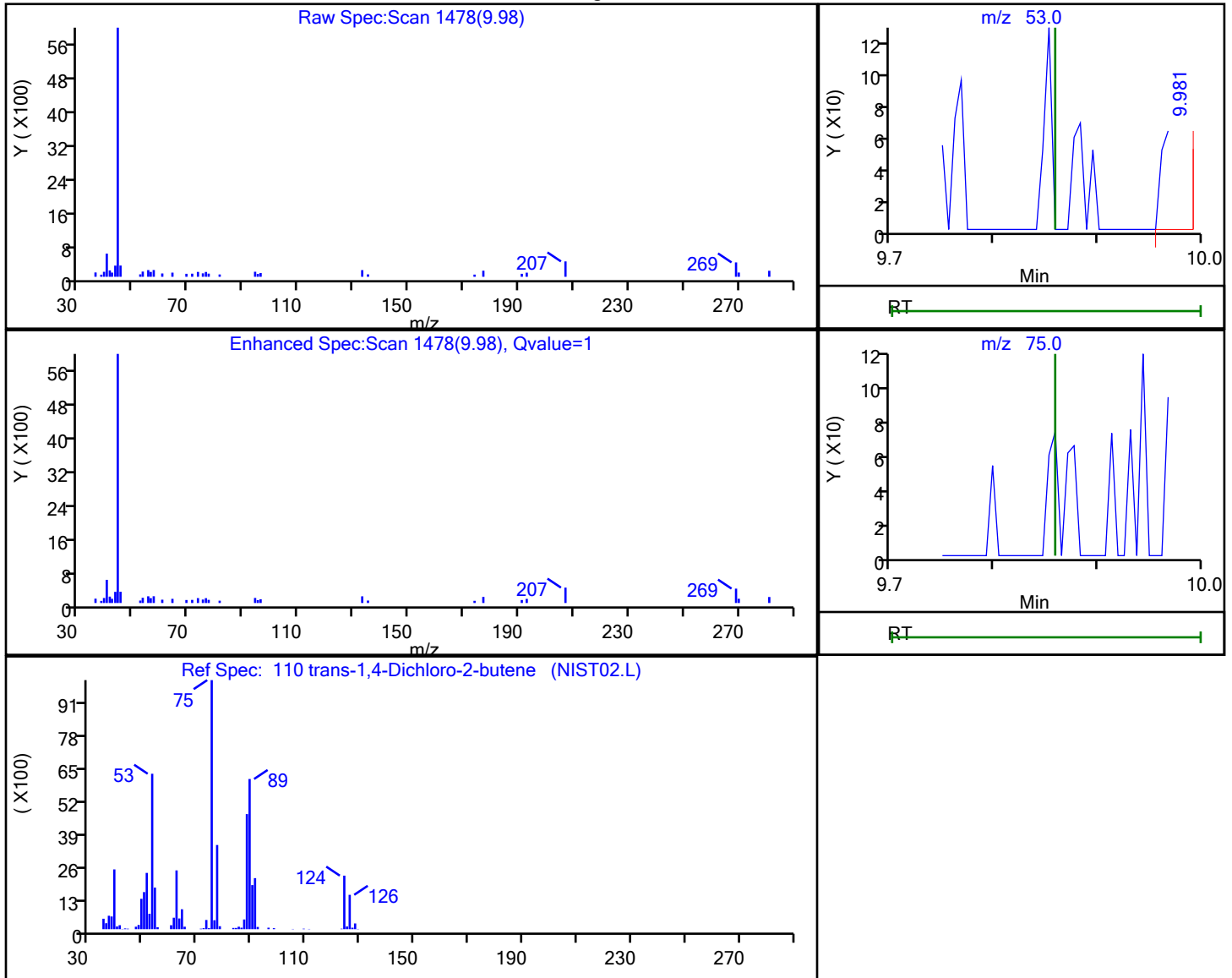
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.98	53.00	113	0.242924
9.99	75.00	370	

Reviewer: W9CM, 15-Oct-2022 10:24:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

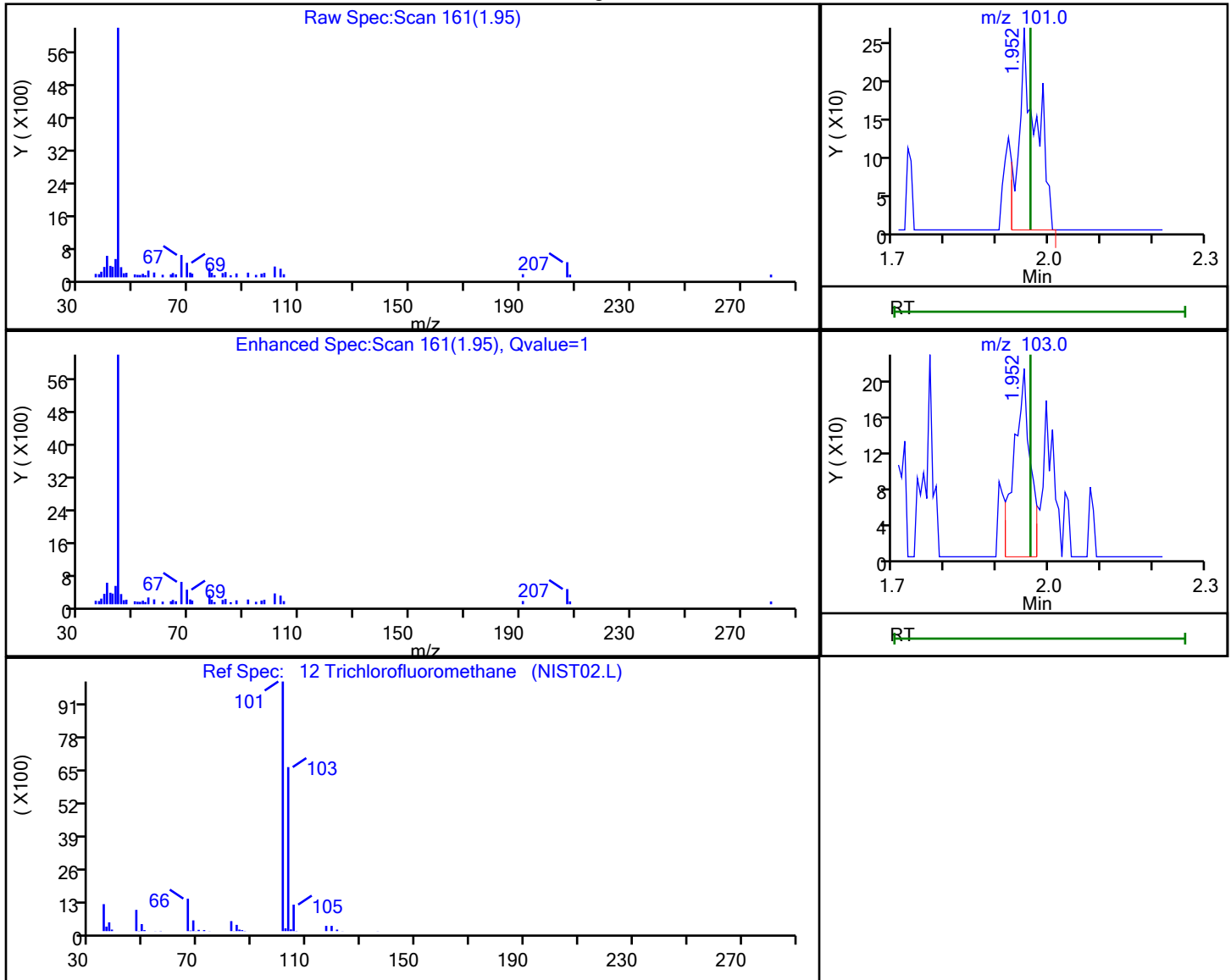
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.95	101.00	612	0.095496
1.95	103.00	455	

Reviewer: W9CM, 15-Oct-2022 10:22:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62095b.D

Injection Date: 15-Oct-2022 02:05:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

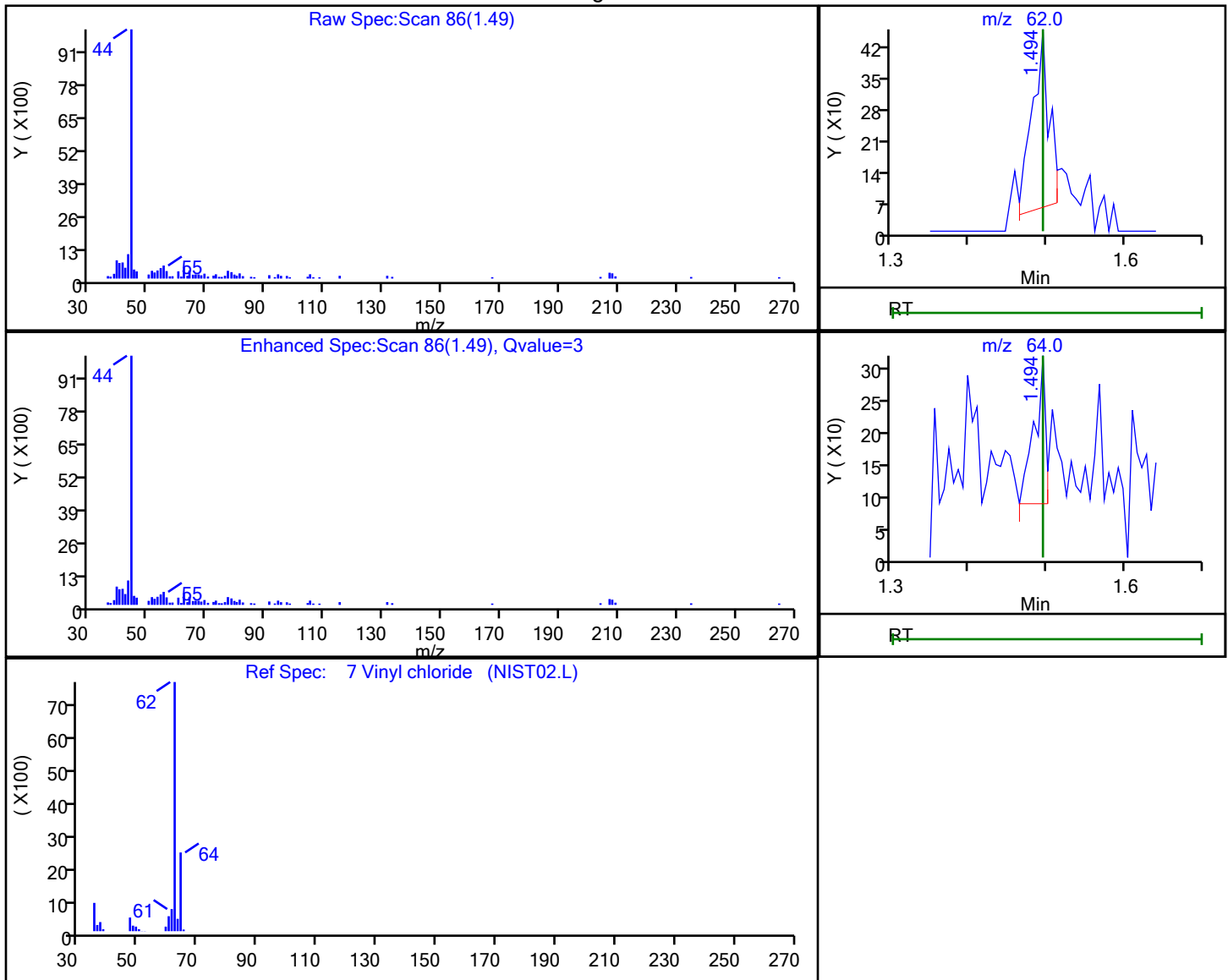
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.49	62.00	617	0.100038
1.49	64.00	237	

Reviewer: W9CM, 15-Oct-2022 10:21:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 15-Oct-2022 02:47:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0151764-006
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:28 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:49:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.250	1.250	0.000	75	1424	1.00	1.17	a
2 1,1-Difluoroethane	65	1.257	1.257	0.000	97	2216	1.00	1.08	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	52	3540	1.00	1.09	
5 Chlorodifluoromethane	67	1.305	1.293	0.012	96	1161	1.00	1.75	a
6 Chloromethane	50	1.421	1.421	0.000	99	4491	1.00	0.9265	
7 Vinyl chloride	62	1.494	1.494	0.000	92	3682	1.00	0.9583	M
8 Butadiene	54	1.507	1.507	0.000	95	4596	1.00	1.24	
9 Bromomethane	94	1.744	1.744	0.000	92	2344	1.00	0.8561	
10 Chloroethane	64	1.799	1.787	0.012	95	2605	1.00	1.10	
11 Dichlorofluoromethane	67	1.958	1.952	0.006	96	6581	1.00	0.9685	
13 Pentane	72	1.970	1.958	0.012	96	1141	2.00	2.00	
12 Trichlorofluoromethane	101	1.958	1.964	-0.006	43	3963	1.00	1.02	a
15 Ethyl ether	74	2.128	2.122	0.006	80	2045	1.00	1.05	
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	87	3123	1.00	1.11	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.189	2.189	0.000	69	2940	1.00	1.06	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.244	-0.006	90	5364	1.00	1.11	M
19 Acrolein	56	2.293	2.287	0.006	31	839	4.00	2.56	M
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.299	2.299	0.000	81	3278	1.00	1.33	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	97	3398	1.00	1.13	M
22 Acetone	43	2.390	2.391	0.000	86	6467	5.00	6.86	
23 Iodomethane	142	2.451	2.451	0.000	44	5641	1.00	0.99	
24 Carbon disulfide	76	2.470	2.470	0.000	95	15558	1.00	1.21	M
25 Isopropyl alcohol	45	2.482	2.488	-0.006	28	1015	10.0	9.71	a
26 3-Chloro-1-propene	76	2.592	2.586	0.006	92	2832	1.00	1.19	
27 Methyl acetate	43	2.604	2.598	0.006	61	4909	2.00	1.96	
28 Cyclopentene	67	2.604	2.598	0.006	91	7597	1.00	0.9866	
29 Acetonitrile	40	2.677	2.665	0.012	26	1091	10.0	9.52	a
30 Methylene Chloride	84	2.708	2.701	0.007	34	4005	1.00	1.03	
* 31 TBA-d9 (IS)	66	2.714	2.720	-0.006	0	31917	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.762	2.775	-0.013	34	3592	10.0	10.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.854	2.848	0.006	98	9893	1.00	1.00	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	94	3568	1.00	1.06	
35 Acrylonitrile	53	2.951	2.939	0.012	94	12008	10.0	9.83	
36 Hexane	57	3.012	3.006	0.006	90	5155	1.00	1.01	
37 Isopropyl ether	45	3.201	3.201	0.000	98	12079	1.00	1.00	
38 1,1-Dichloroethane	63	3.232	3.232	0.000	98	6198	1.00	0.9836	
40 2-Chloro-1,3-butadiene	88	3.274	3.268	0.006	49	2914	1.00	1.01	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	88	11096	1.00	1.01	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	236771	250.0	250.0	
43 2,2-Dichloropropane	97	3.695	3.689	0.006	45	974	1.00	1.07	a
44 cis-1,2-Dichloroethene	96	3.713	3.707	0.006	92	3875	1.00	1.02	
45 2-Butanone (MEK)	72	3.732	3.732	0.000	95	1754	5.00	5.06	a
46 Ethyl acetate	70	3.726	3.732	-0.006	91	701	2.00	2.16	M
47 Methyl acrylate	55	3.768	3.774	-0.006	97	3060	1.00	1.08	
48 Propionitrile	54	3.878	3.860	0.018	95	3842	10.0	8.73	Ma
50 Tetrahydrofuran	72	3.939	3.921	0.018	57	754	2.00	1.87	
49 Chlorobromomethane	128	3.915	3.921	-0.006	91	1814	1.00	1.00	
51 Methacrylonitrile	67	3.951	3.945	0.006	93	12613	10.0	9.46	
52 Chloroform	83	3.969	3.969	0.000	95	5922	1.00	1.01	
53 Cyclohexane	84	4.091	4.085	0.006	92	4760	1.00	1.18	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	97	4979	1.00	1.04	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	109497	50.0	52.4	
56 Carbon tetrachloride	117	4.213	4.213	0.000	86	4035	1.00	1.04	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	96	4507	1.00	1.04	
58 Isobutyl alcohol	43	4.408	4.396	0.012	38	4308	25.0	24.3	
59 Isooctane	57	4.390	4.402	-0.012	97	11834	1.00	1.29	
60 Benzene	78	4.427	4.421	0.006	95	13296	1.00	1.02	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	114618	50.0	49.5	
62 Tert-amyl methyl ether	73	4.500	4.494	0.006	85	11491	1.00	0.9717	
63 Isopropyl acetate	61	4.506	4.494	0.012	74	1728	1.00	0.9638	
64 1,2-Dichloroethane	62	4.512	4.518	-0.006	95	4067	1.00	1.00	
65 n-Heptane	100	4.585	4.579	0.006	95	658	1.00	0.99	
* 66 Fluorobenzene	96	4.701	4.701	0.000	98	406798	50.0	50.0	
68 Trichloroethene	95	5.030	5.036	-0.006	97	3525	1.00	1.04	
69 Methylcyclohexane	83	5.152	5.146	0.006	94	5608	1.00	1.28	
70 Ethyl acrylate	99	5.164	5.152	0.012	84	235	1.00	0.6430	Ma
71 1,2-Dichloropropane	63	5.311	5.311	0.000	89	3487	1.00	0.9728	
* 72 1,4-Dioxane-d8	96	5.378	5.384	-0.006	0	14986	1000.0	1000.0	
73 Methyl methacrylate	100	5.408	5.396	0.012	88	1295	2.00	1.78	
75 1,4-Dioxane	88	5.433	5.433	0.000	40	926	50.0	47.3	
74 Dibromomethane	93	5.433	5.433	0.000	93	1985	1.00	0.9886	
76 n-Propyl acetate	43	5.457	5.457	0.000	29	3916	1.00	0.9215	M
77 Dichlorobromomethane	83	5.591	5.585	0.006	97	4154	1.00	0.9670	
78 2-Nitropropane	41	5.932	5.914	0.018	73	1907	2.00	2.54	
79 2-Chloroethyl vinyl ether	63	5.926	5.920	0.006	80	1855	1.00	0.9437	
80 Epichlorohydrin	57	6.030	6.018	0.012	96	5743	20.0	21.6	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	93	4549	1.00	0.9625	
82 4-Methyl-2-pentanone (MIBK)	58	6.243	6.237	0.006	96	5895	5.00	4.50	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	99	367233	50.0	50.7	
84 Toluene	91	6.378	6.371	0.007	92	13241	1.00	1.04	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	98	3715	1.00	0.9376	
86 Ethyl methacrylate	69	6.774	6.768	0.006	85	3087	1.00	0.8061	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.932	6.932	0.000	94	2368	1.00	1.01	
88 Tetrachloroethene	166	6.957	6.963	-0.006	94	2928	1.00	1.04	
89 1,3-Dichloropropane	76	7.140	7.133	0.007	94	4265	1.00	0.9834	
90 2-Hexanone	43	7.219	7.213	0.006	97	9390	5.00	4.83	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	4695	1.00	0.9557	
92 Chlorodibromomethane	129	7.347	7.353	-0.006	96	2827	1.00	0.9852	
93 Ethylene Dibromide	107	7.499	7.499	0.000	92	2387	1.00	0.9464	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	87	270165	50.0	50.0	
95 Chlorobenzene	112	8.072	8.072	0.000	96	7658	1.00	0.9899	
96 Ethylbenzene	106	8.182	8.182	0.000	98	4513	1.00	1.01	
97 1,1,1,2-Tetrachloroethane	131	8.200	8.200	0.000	92	2990	1.00	0.9692	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	5264	1.00	0.9801	
99 o-Xylene	106	8.859	8.859	0.000	94	5673	1.00	0.9819	
100 n-Butyl acrylate	73	8.877	8.871	0.006	95	2338	1.00	0.9433	
101 Styrene	104	8.895	8.895	0.000	95	7830	1.00	0.9184	
102 Bromoform	173	9.157	9.151	0.006	93	1929	1.00	1.01	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	87	4335	1.00	0.6841	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	13686	1.00	0.9748	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	89	110220	50.0	51.8	
106 Bromobenzene	156	9.700	9.700	0.000	95	3096	1.00	0.8766	
107 1,1,2,2-Tetrachloroethane	83	9.785	9.785	0.000	97	3516	1.00	0.9075	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	18033	1.00	0.9889	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	94	1025	1.00	0.9856	
110 trans-1,4-Dichloro-2-butene	53	9.871	9.859	0.012	64	681	1.00	1.00	
111 2-Chlorotoluene	91	9.913	9.913	0.000	96	12098	1.00	0.9695	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	14114	1.00	0.9488	
113 1,3,5-Trimethylbenzene	105	10.011	10.017	-0.006	90	12272	1.00	0.9516	
114 4-Chlorotoluene	91	10.041	10.041	0.000	97	11070	1.00	0.9465	
115 Butyl Methacrylate	87	10.151	10.151	0.000	91	3281	1.00	0.7127	
116 tert-Butylbenzene	119	10.334	10.328	0.006	94	8880	1.00	0.8796	
117 1,2,4-Trimethylbenzene	105	10.401	10.395	0.006	98	12365	1.00	0.9217	
118 sec-Butylbenzene	105	10.547	10.554	-0.007	99	15010	1.00	0.9177	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	95	6631	1.00	0.9630	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	97	12204	1.00	0.8928	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	96	157343	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	92	7035	1.00	1.01	
123 1,2,3-Trimethylbenzene	105	10.803	10.804	-0.001	99	12884	1.00	0.9084	
124 Benzyl chloride	91	10.925	10.925	0.000	97	4240	1.00	0.9431	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	94	12705	1.00	0.9289	
126 p-Diethylbenzene	119	11.060	11.053	0.007	93	7348	1.00	0.9787	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	7077	1.00	0.9600	
128 1,2-Dichlorobenzene	146	11.120	11.121	-0.001	96	6600	1.00	0.9362	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	96	12273	1.00	0.8897	
130 1,2-Dibromo-3-Chloropropane	157	11.809	11.816	-0.007	89	866	1.00	0.99	
131 1,3,5-Trichlorobenzene	180	11.931	11.931	0.000	95	5488	1.00	0.9503	
132 1,2,4-Trichlorobenzene	180	12.437	12.437	0.000	93	5520	1.00	1.01	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	89	2179	1.00	0.9813	
134 Naphthalene	128	12.632	12.626	0.006	99	13343	1.00	0.9583	
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	91	4933	1.00	0.9394	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.07	
S 137 Xylenes, Total	100				0		2.00	1.96	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 140 Total BTEX

1

0

5.00

5.03

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058

Amount Added: 10.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

8260MIX1COMB_00160

Amount Added: 10.00

Units: uL

14DIOXINTER_00146

Amount Added: 30.00

Units: uL

GASES Li_00498

Amount Added: 10.00

Units: uL

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

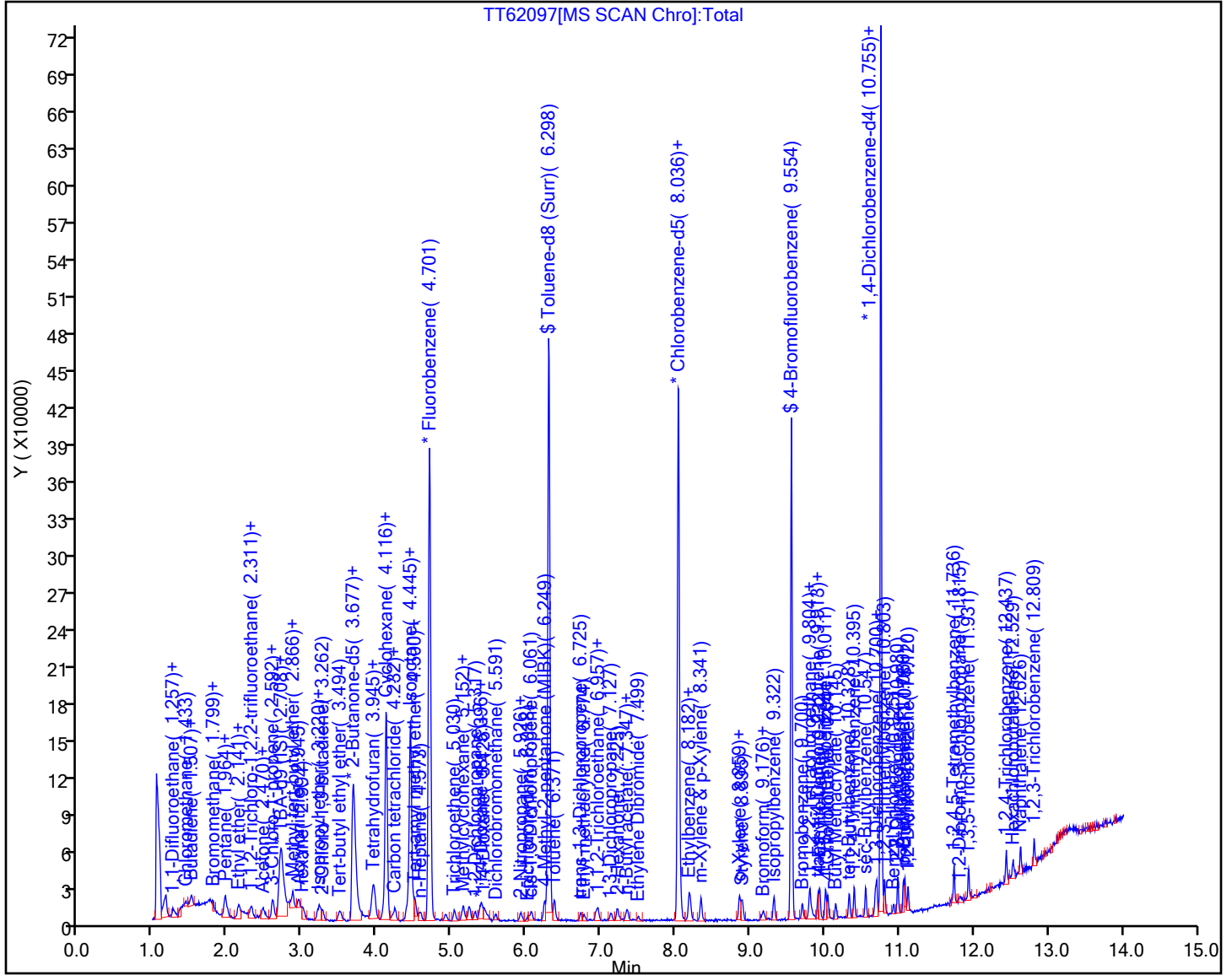
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

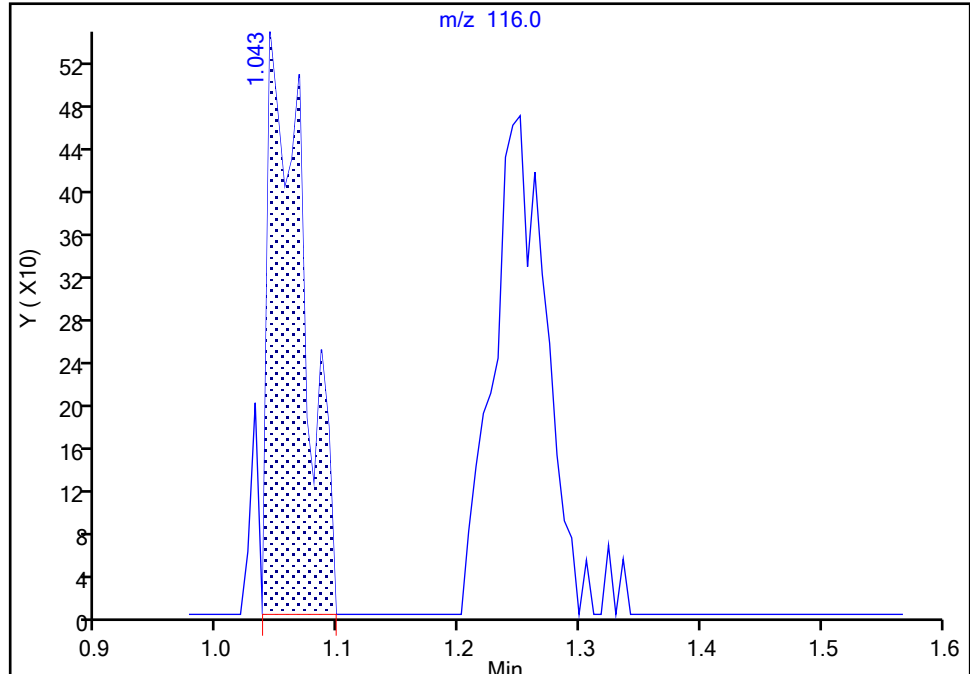
MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

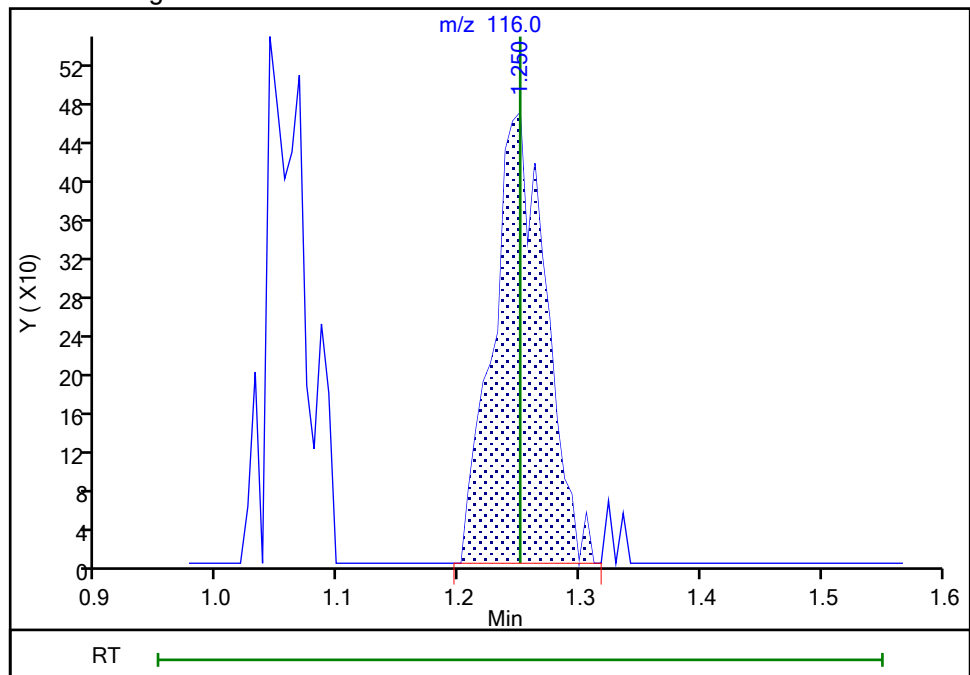
RT: 1.04
Area: 1130
Amount: 0.922743
Amount Units: ug/l

Processing Integration Results



RT: 1.25
Area: 1424
Amount: 1.171832
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:43:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

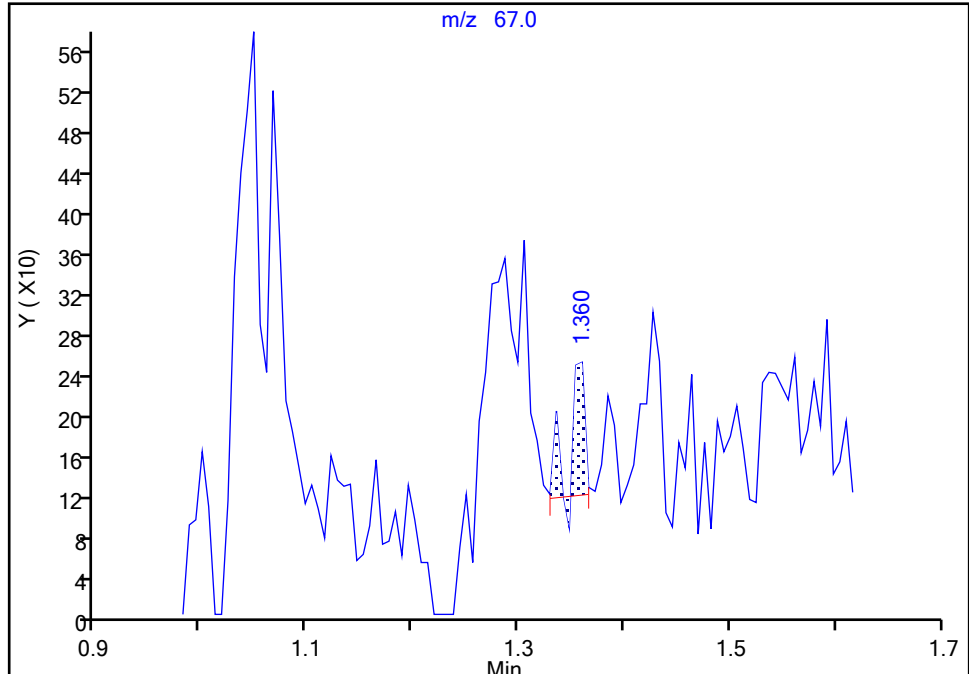
MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

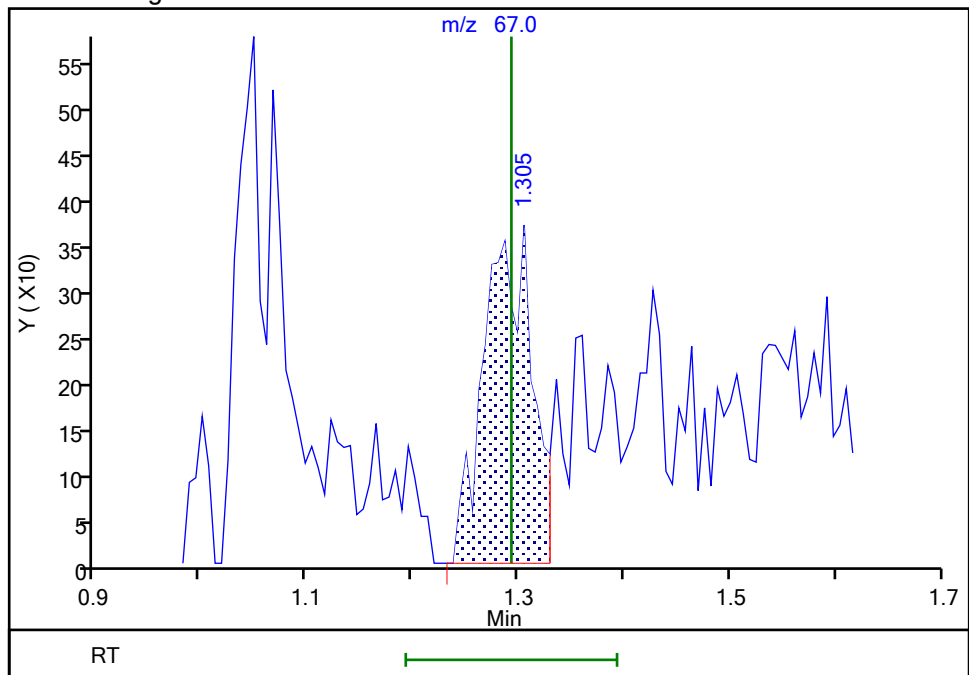
RT: 1.36
Area: 120
Amount: 0.177022
Amount Units: ug/l

Processing Integration Results



RT: 1.31
Area: 1161
Amount: 1.748267
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:43:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

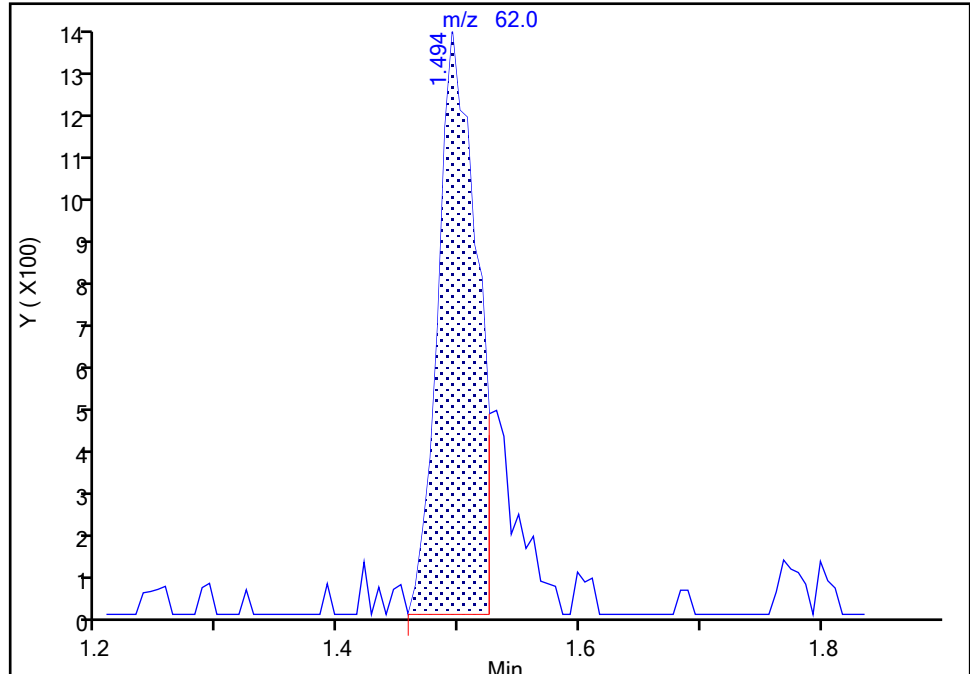
Detector: MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

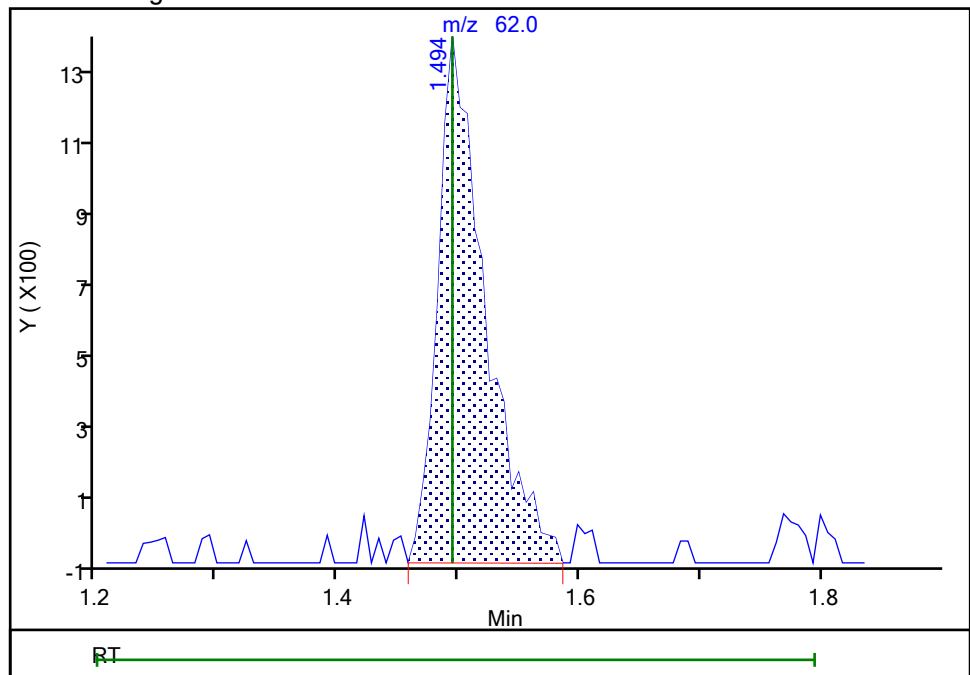
RT: 1.49
Area: 3000
Amount: 0.797936
Amount Units: ug/l

Processing Integration Results



RT: 1.49
Area: 3682
Amount: 0.958305
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:03:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

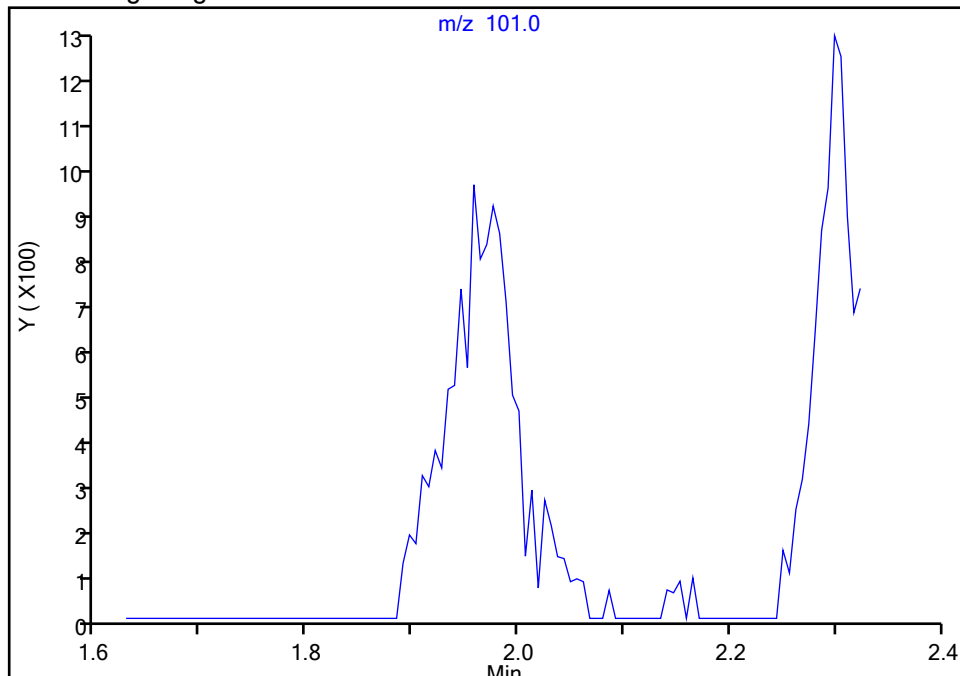
12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

Not Detected

Expected RT: 1.96

Processing Integration Results



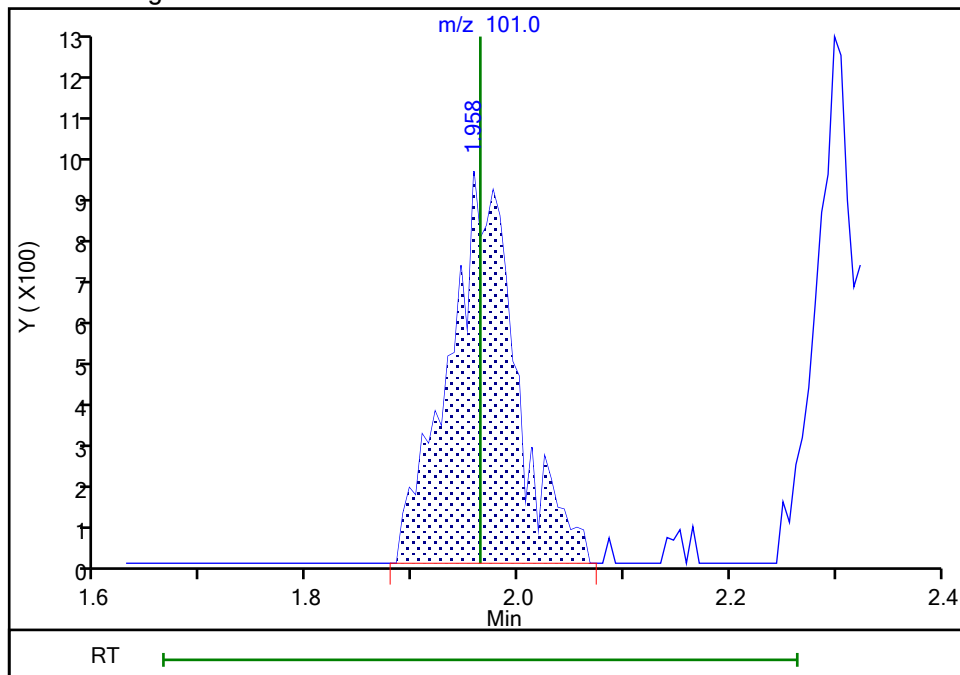
RT: 1.96

Area: 3963

Amount: 1.019382

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:43:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

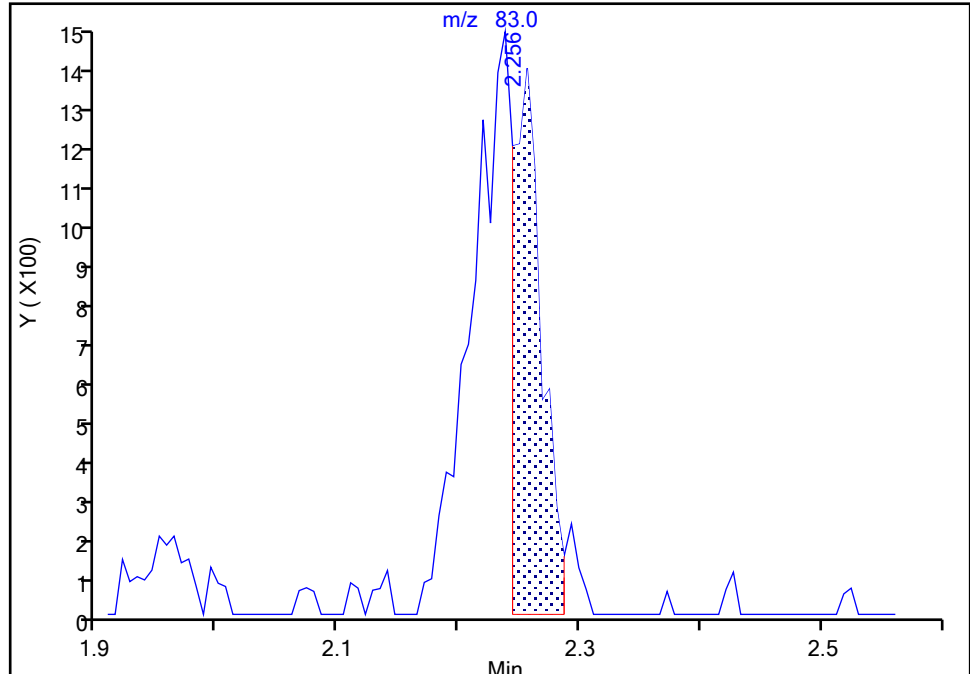
MS Quad

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

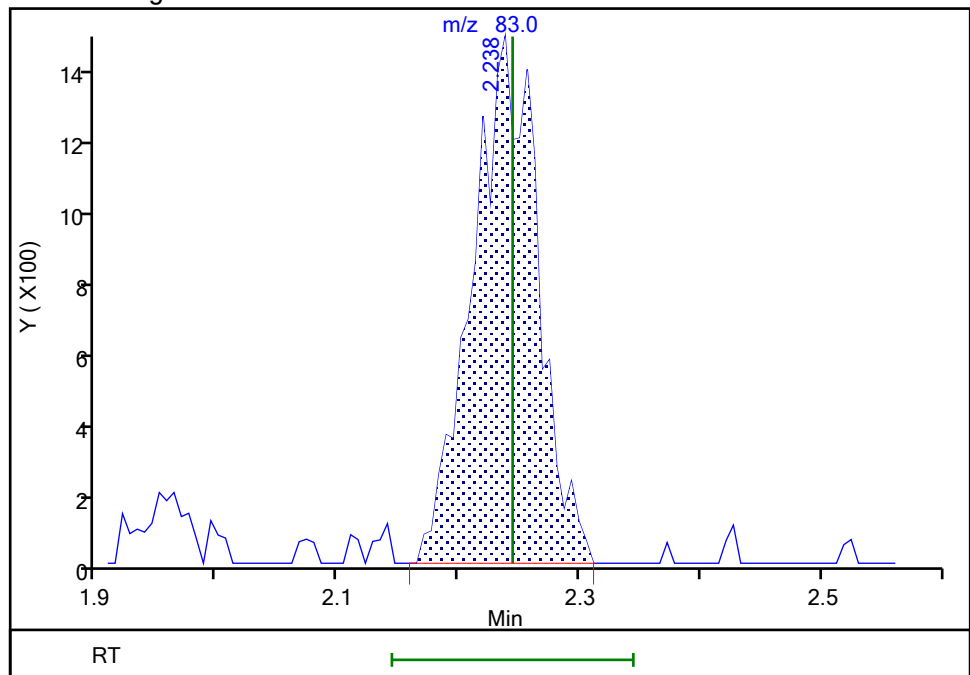
RT: 2.26
Area: 2265
Amount: 0.604559
Amount Units: ug/l

Processing Integration Results



RT: 2.24
Area: 5364
Amount: 1.114776
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:44:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

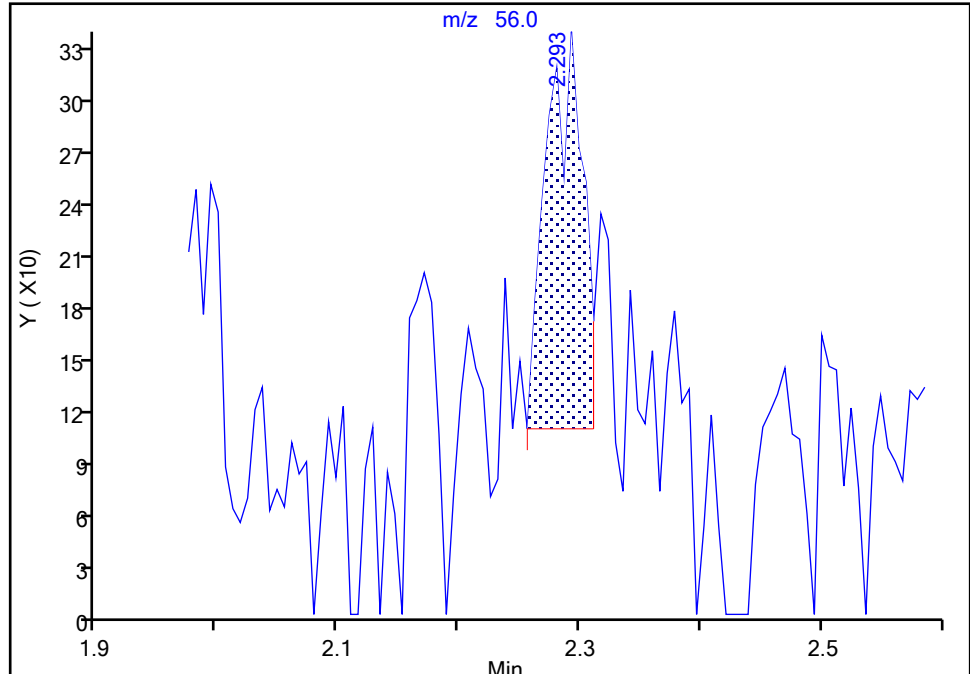
MS Quad

19 Acrolein, CAS: 107-02-8

Signal: 1

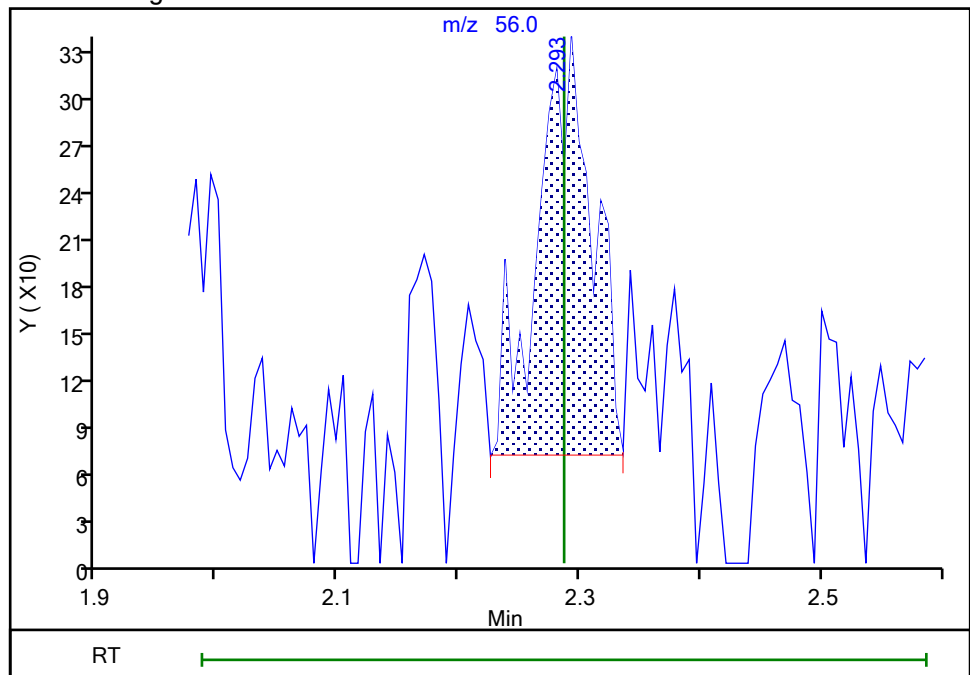
RT: 2.29
Area: 485
Amount: 1.341857
Amount Units: ug/l

Processing Integration Results



RT: 2.29
Area: 839
Amount: 2.561688
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:09:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

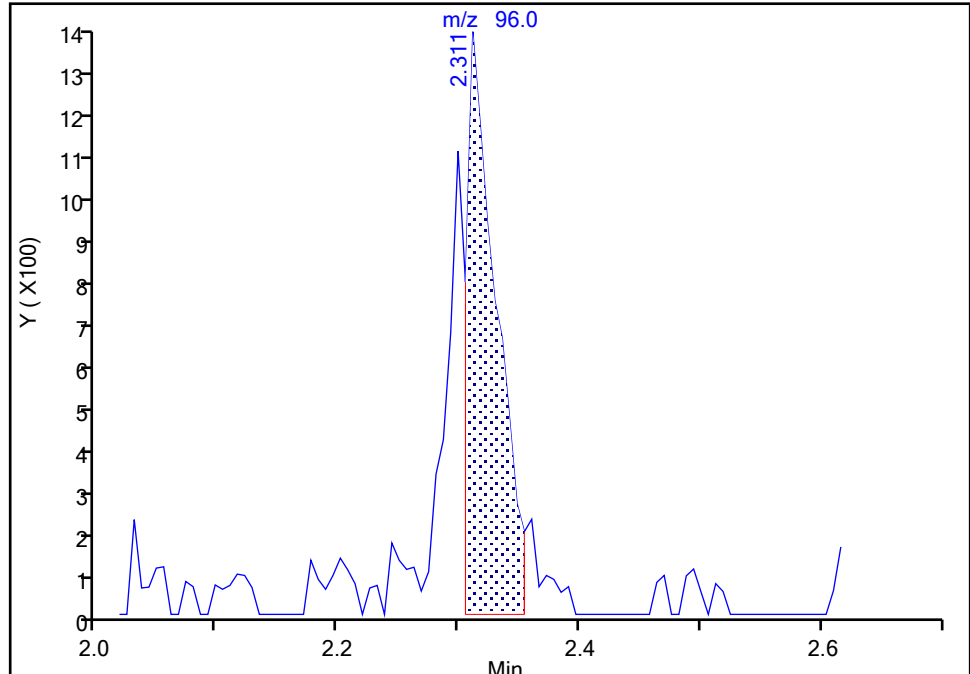
Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

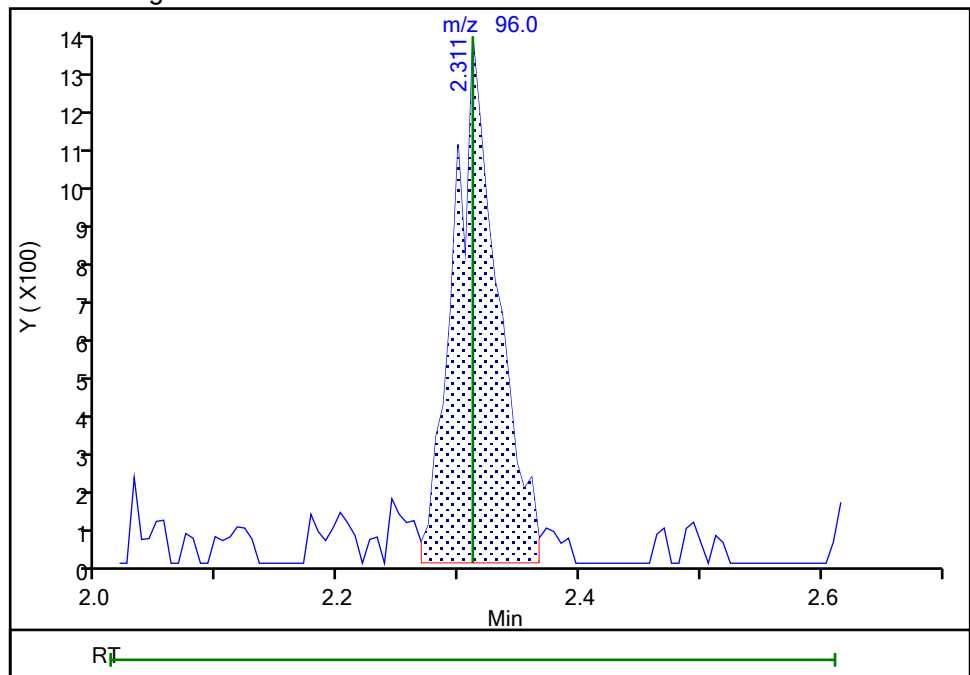
RT: 2.31
Area: 2347
Amount: 0.797505
Amount Units: ug/l

Processing Integration Results



RT: 2.31
Area: 3398
Amount: 1.125180
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:45:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

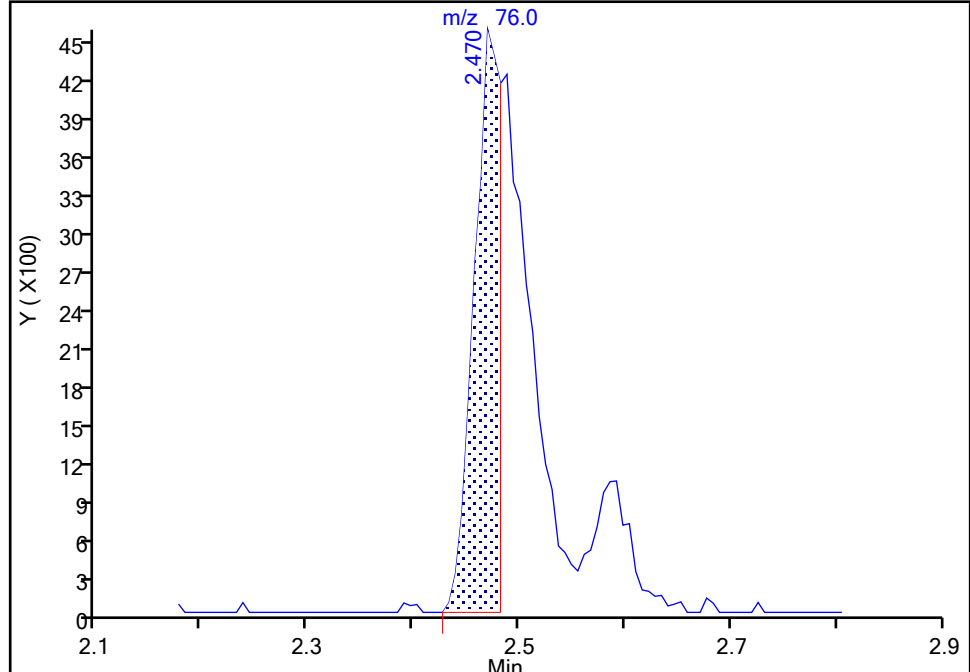
Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

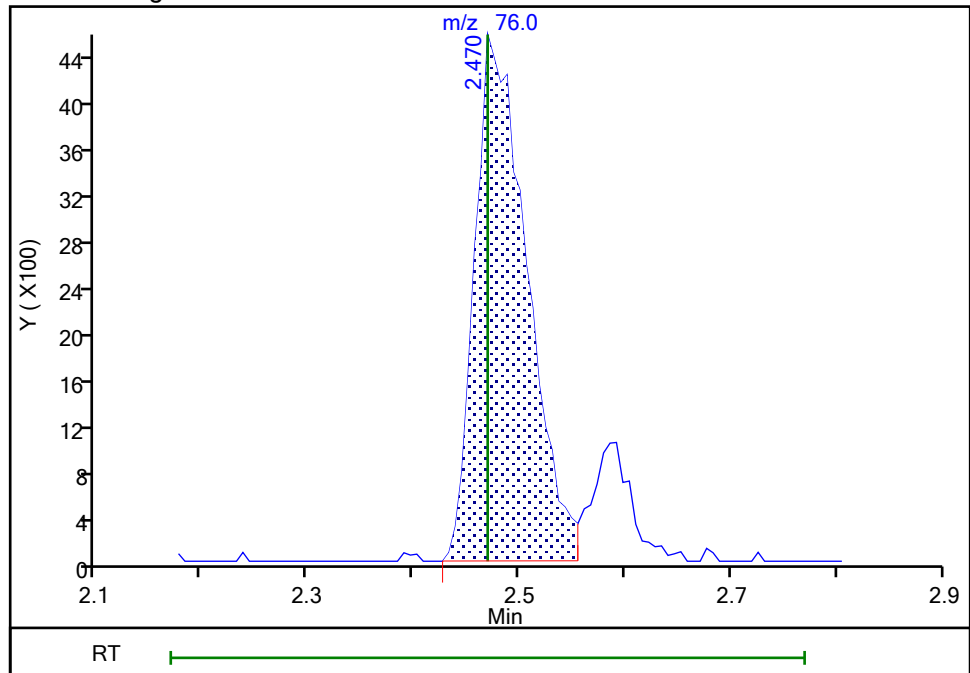
RT: 2.47
Area: 7986
Amount: 0.620053
Amount Units: ug/l

Processing Integration Results



RT: 2.47
Area: 15558
Amount: 1.213046
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:45:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

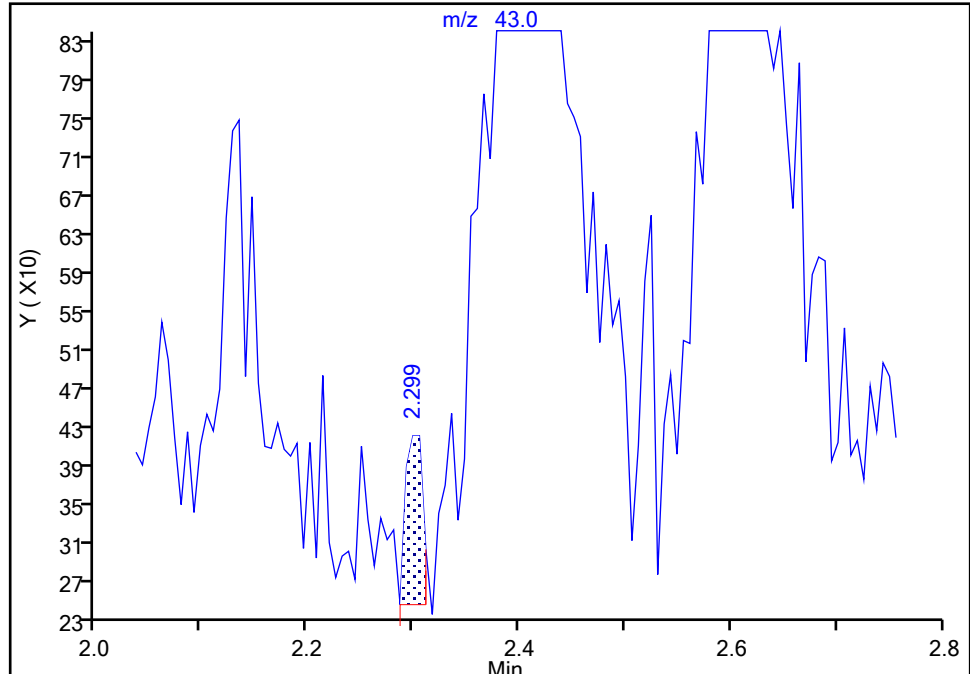
Detector: MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 2

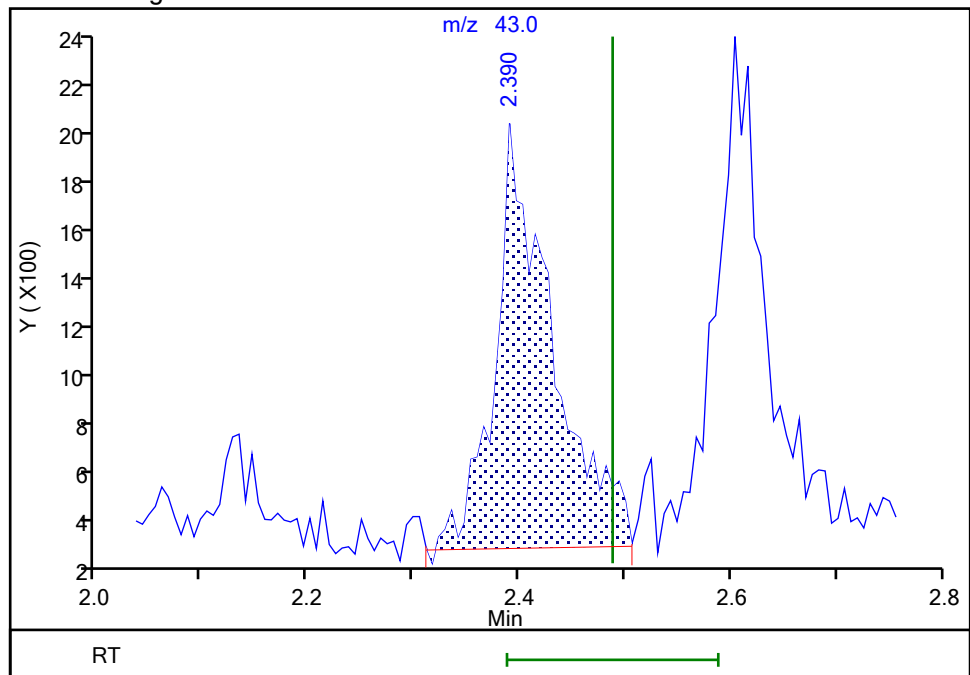
RT: 2.30
Area: 200
Amount: 70.227298
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 6257
Amount: 9.711285
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:45:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

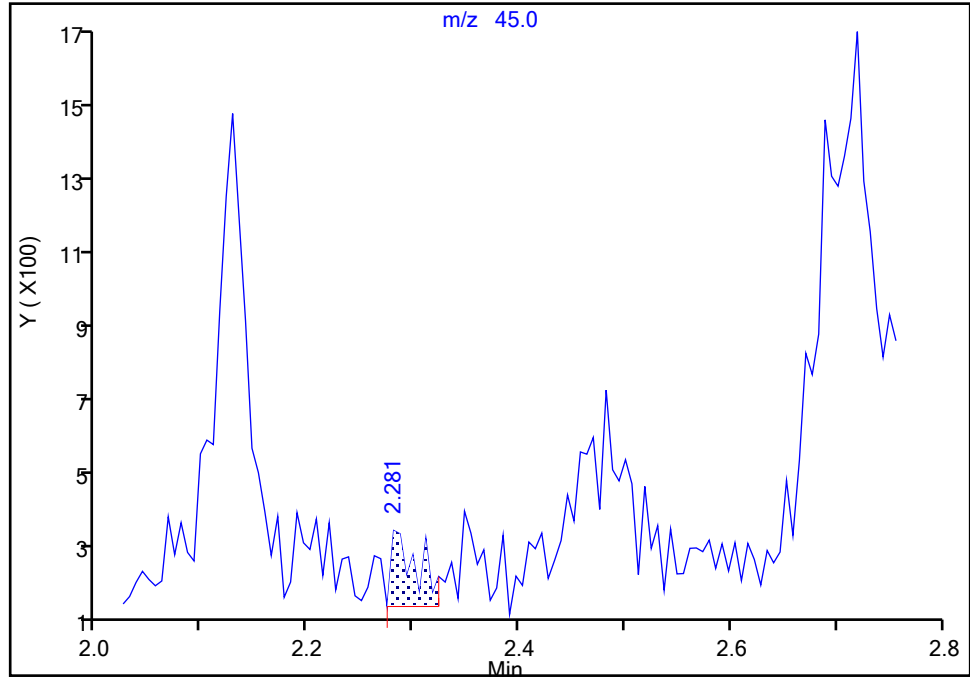
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

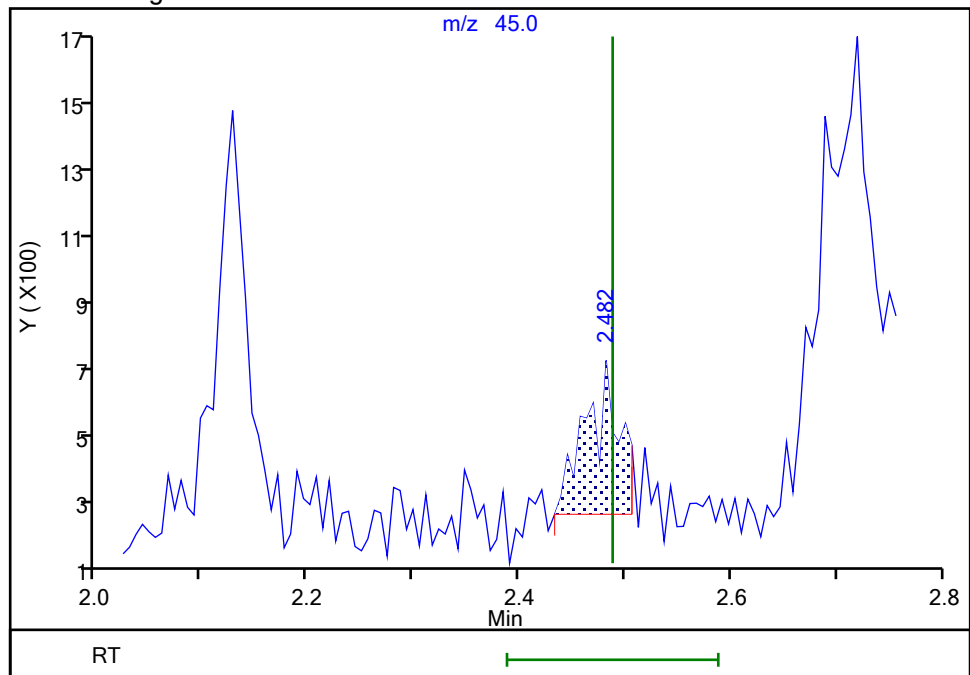
RT: 2.28
Area: 347
Amount: 70.227298
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 1015
Amount: 9.711285
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:03:30

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration
Page 420 of 768

11/03/2022

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

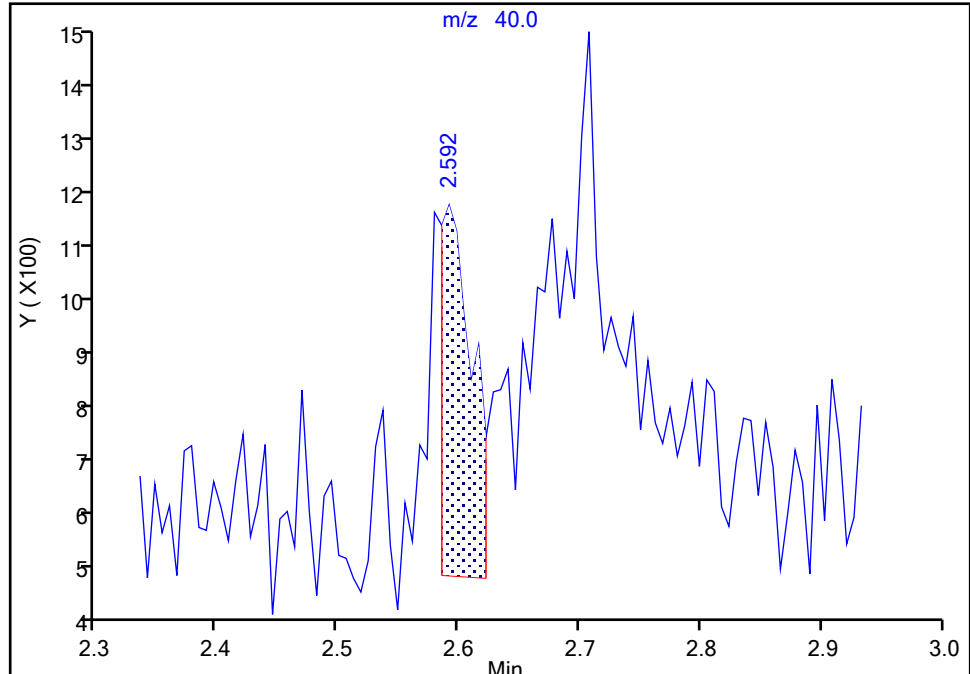
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

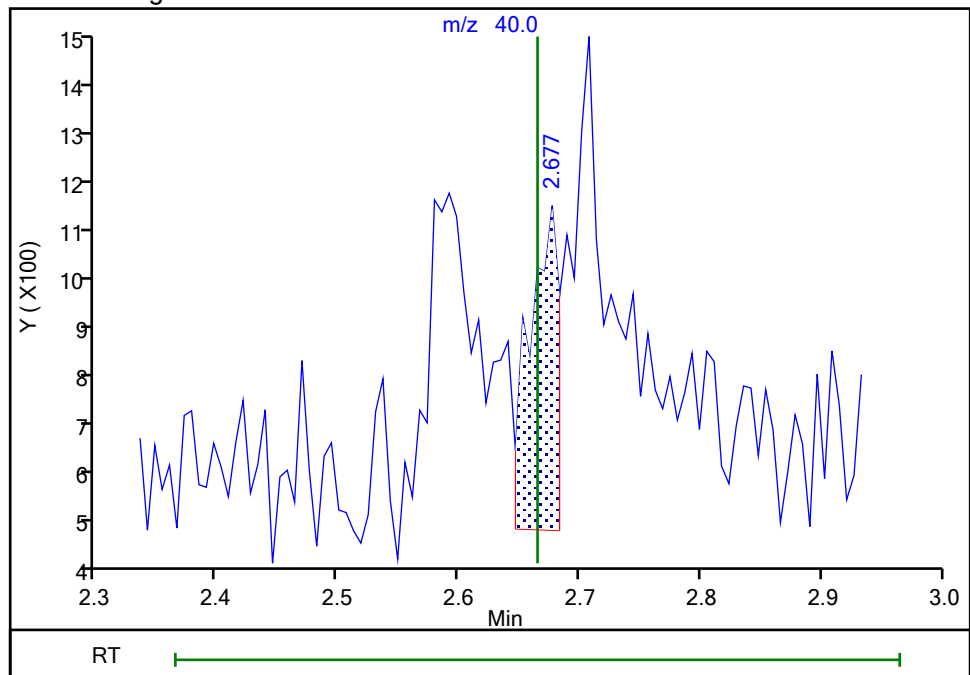
RT: 2.59
Area: 1215
Amount: 11.578237
Amount Units: ug/l

Processing Integration Results



RT: 2.68
Area: 1091
Amount: 9.522679
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:46:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

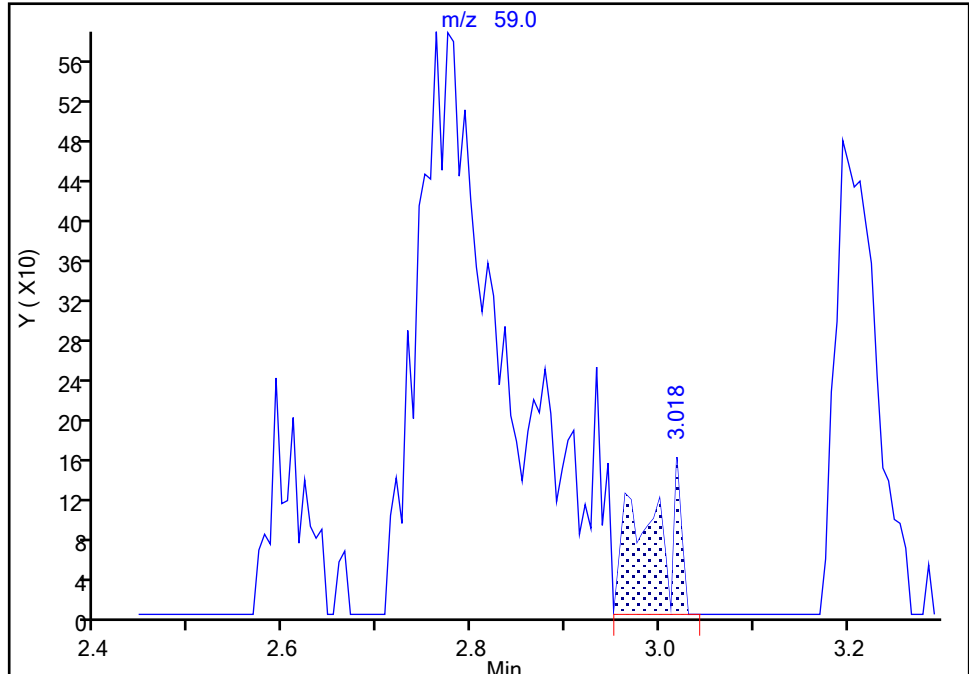
Detector: MS Quad

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

Signal: 1

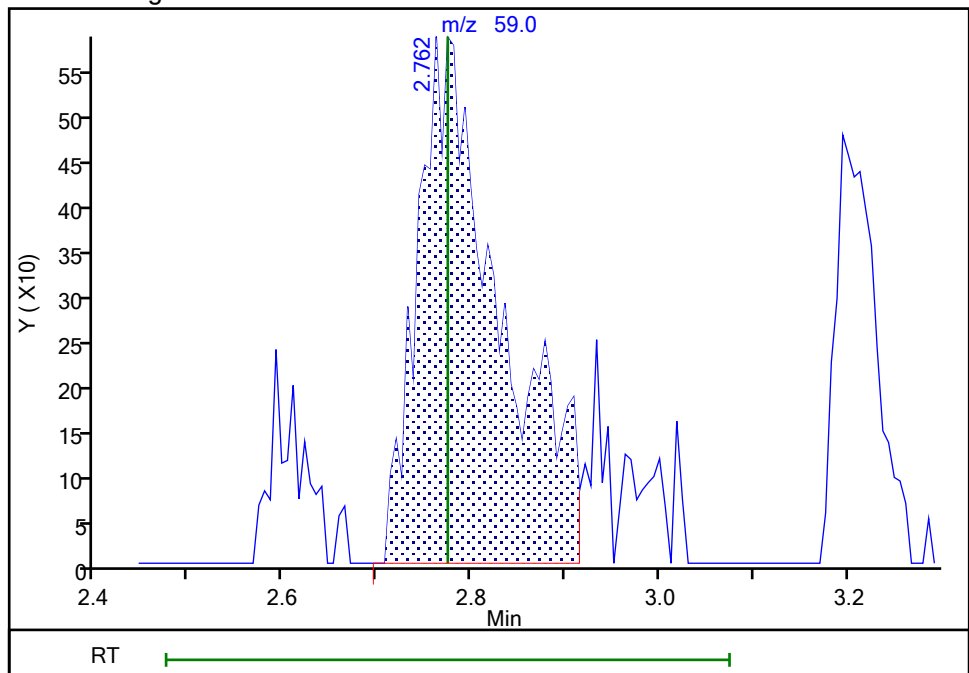
RT: 3.02
Area: 383
Amount: 2.194374
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 3592
Amount: 10.604613
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:46:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

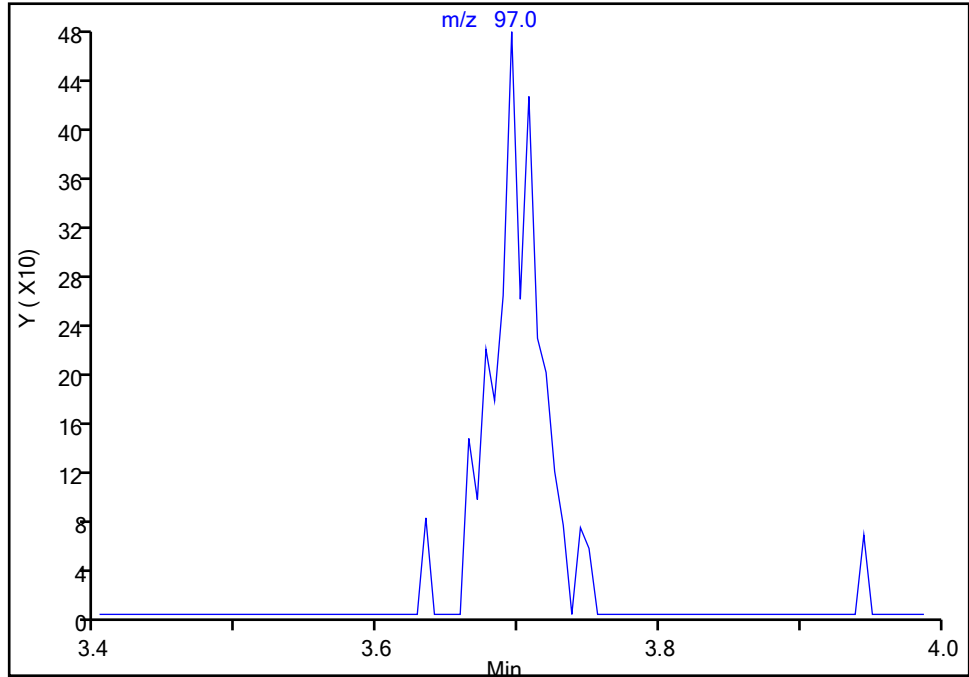
43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

Not Detected

Expected RT: 3.69

Processing Integration Results



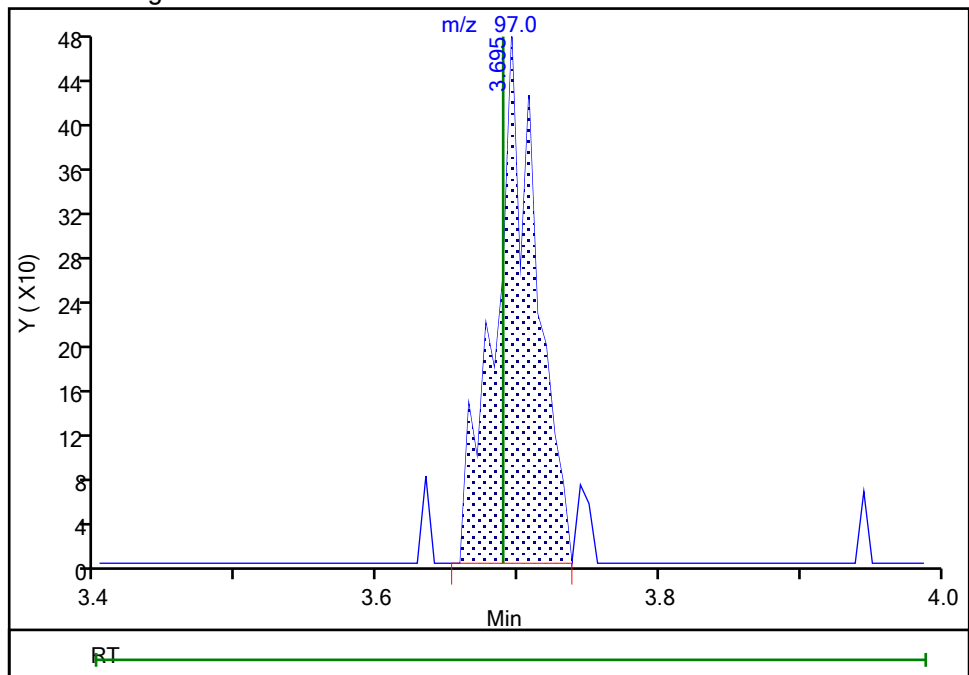
RT: 3.70

Area: 974

Amount: 1.071707

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:47:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

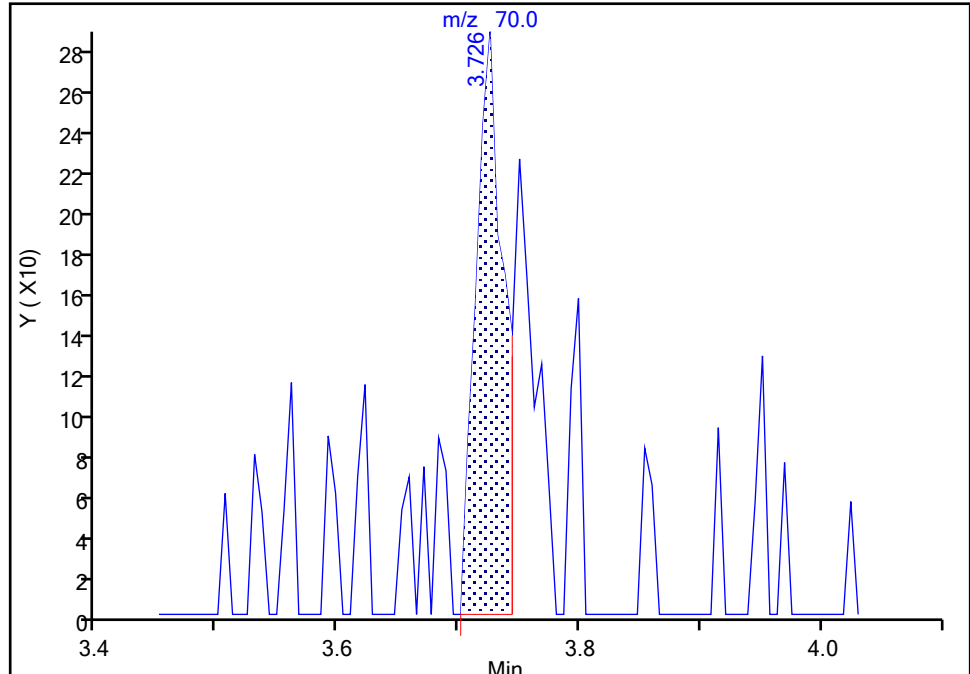
MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

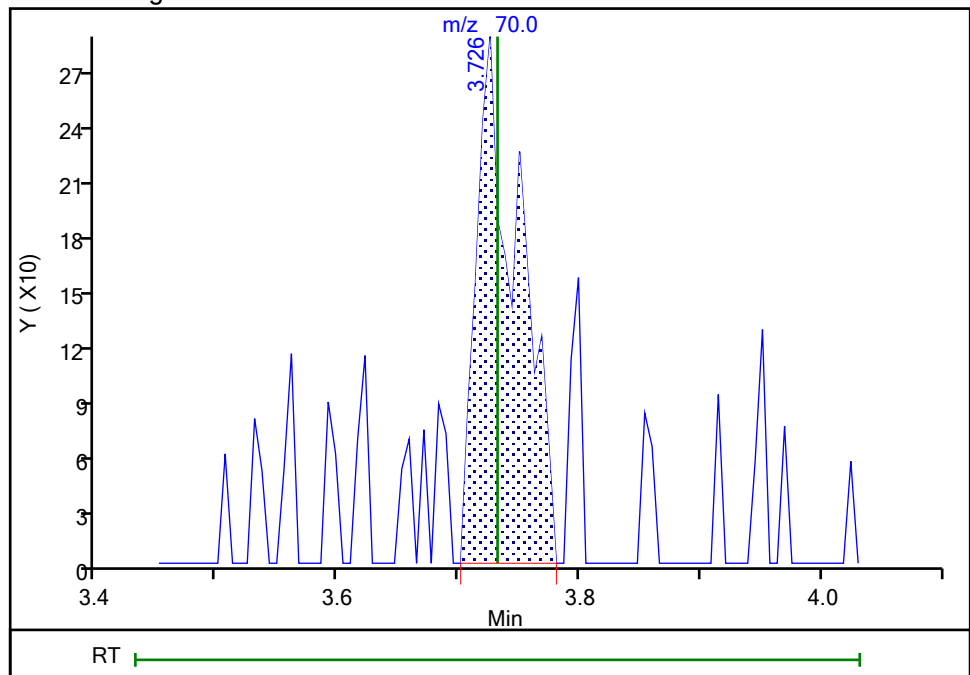
RT: 3.73
Area: 456
Amount: 1.282002
Amount Units: ug/l

Processing Integration Results



RT: 3.73
Area: 701
Amount: 2.156231
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:47:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

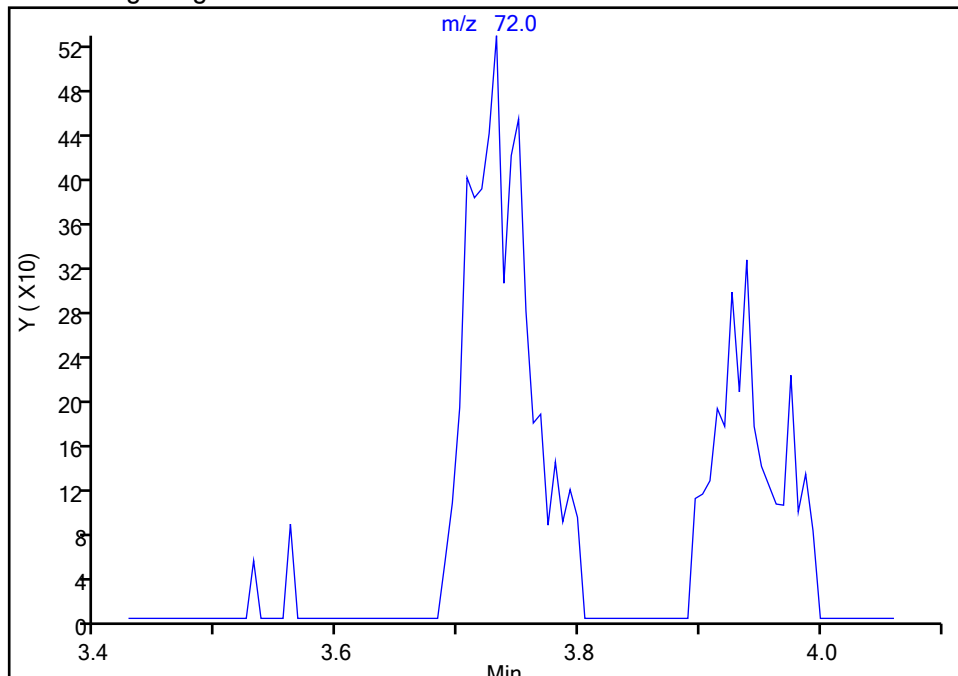
45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

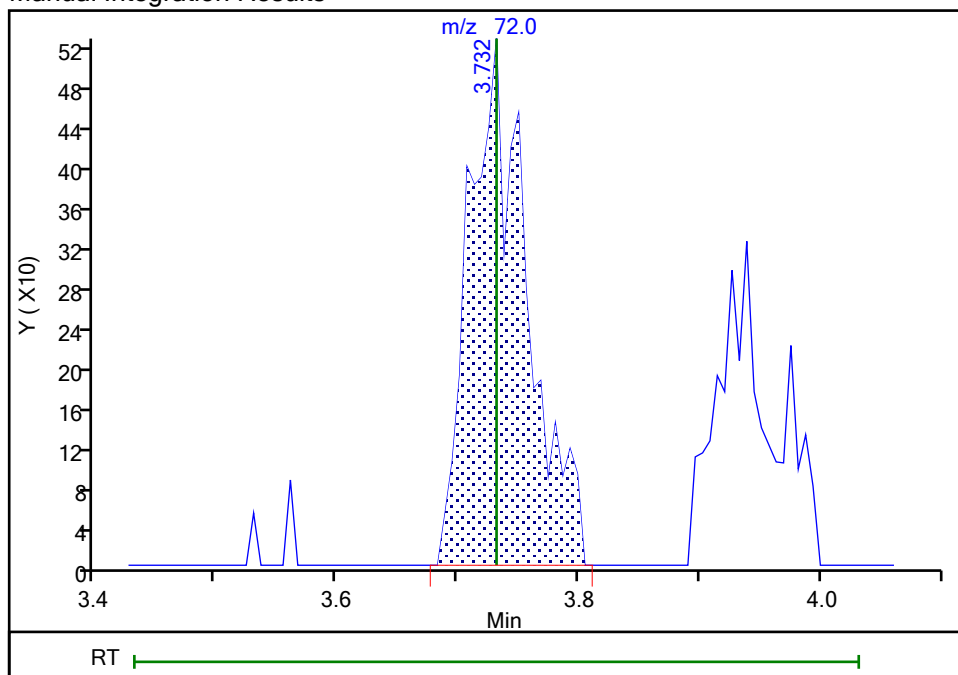
Not Detected

Expected RT: 3.73

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:47:22

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

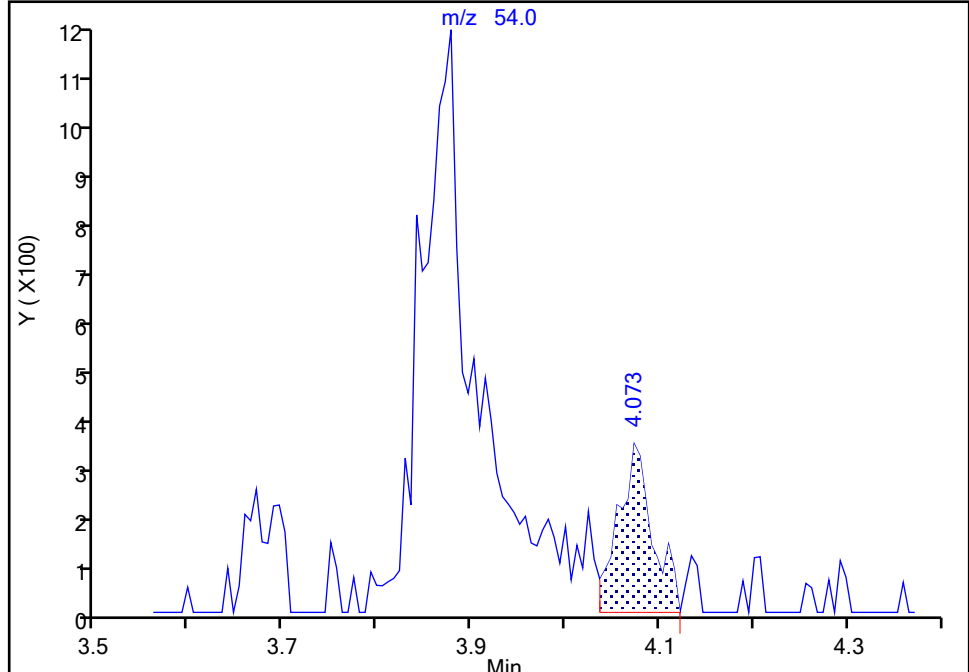
Detector: MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

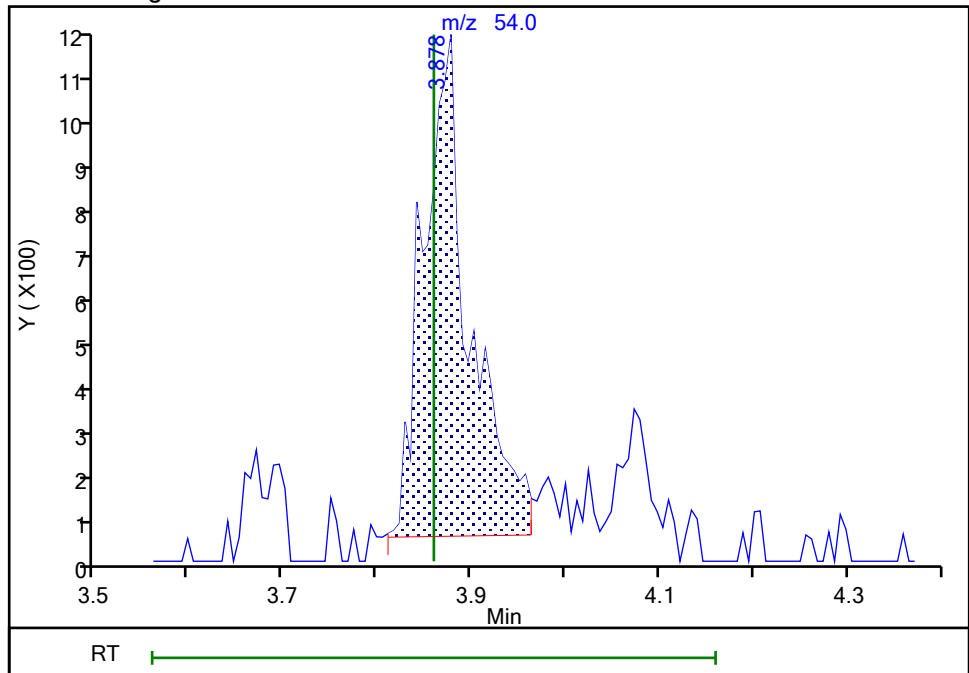
RT: 4.07
Area: 866
Amount: 2.699323
Amount Units: ug/l

Processing Integration Results



RT: 3.88
Area: 3842
Amount: 8.733832
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:47:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

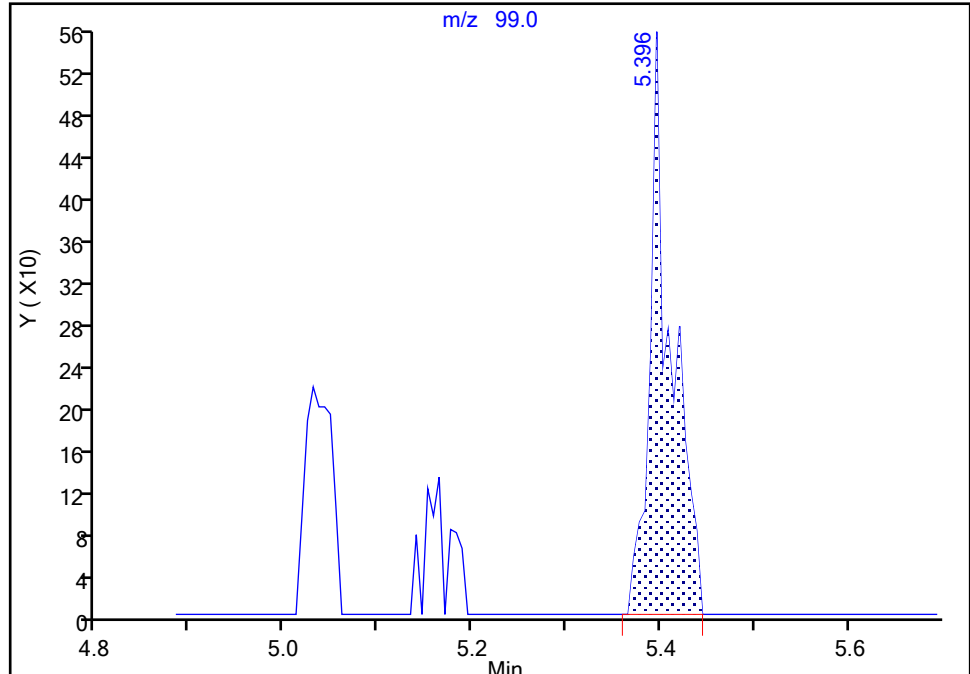
Detector: MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

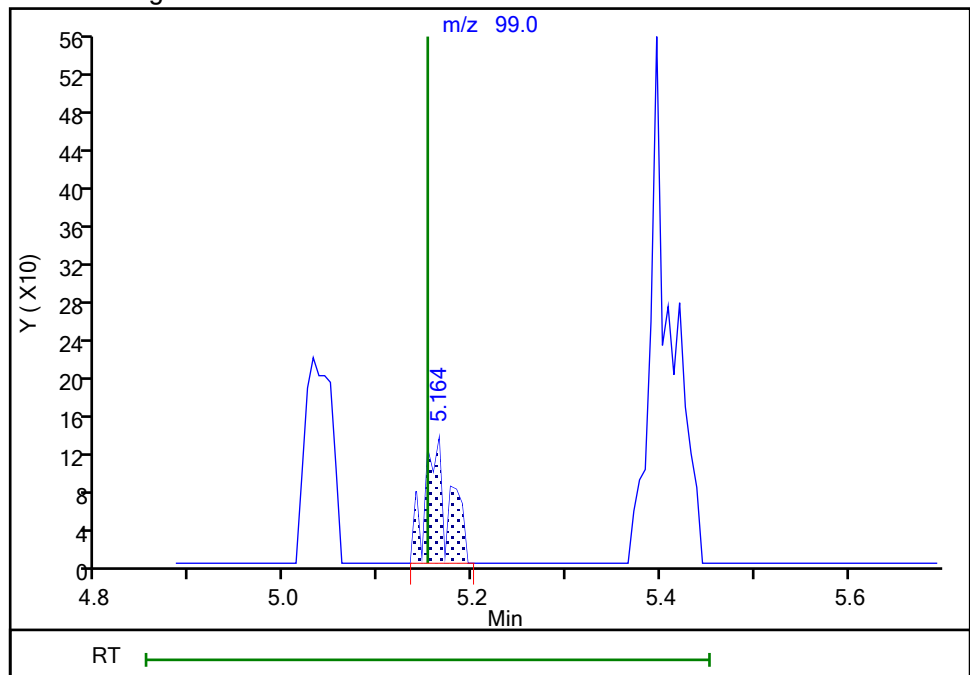
RT: 5.40
Area: 874
Amount: 2.134385
Amount Units: ug/l

Processing Integration Results



RT: 5.16
Area: 235
Amount: 0.642968
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:48:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

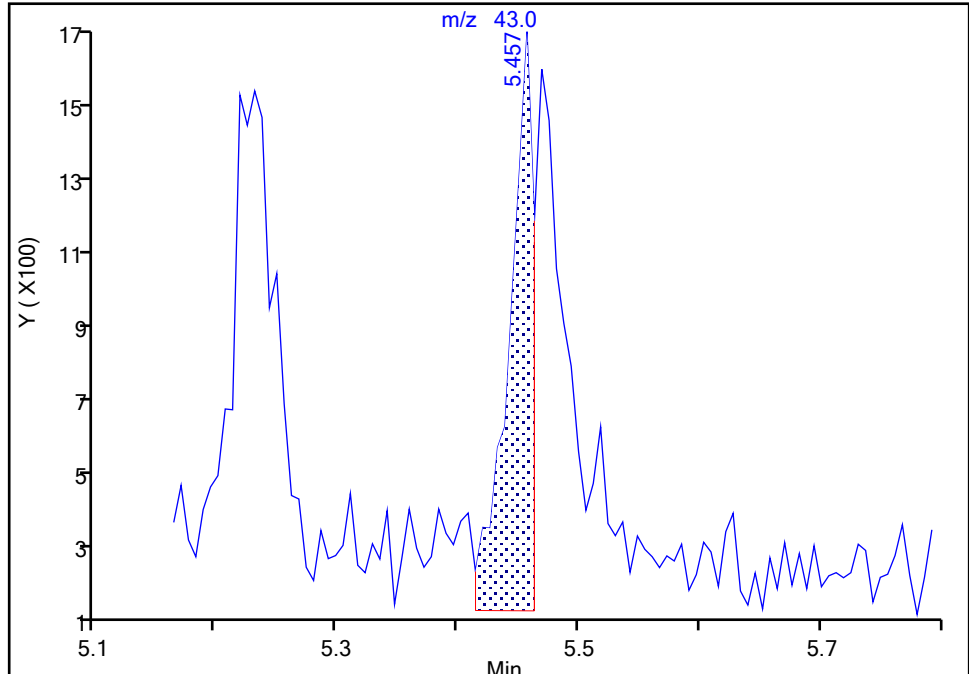
MS Quad

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

Signal: 1

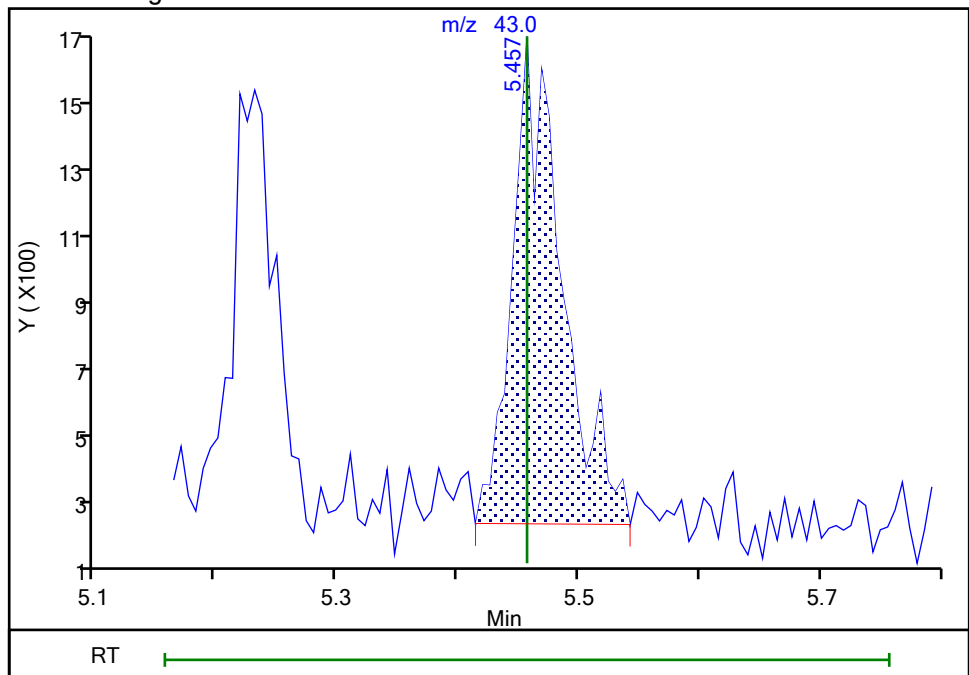
RT: 5.46
Area: 2142
Amount: 0.551146
Amount Units: ug/l

Processing Integration Results



RT: 5.46
Area: 3916
Amount: 0.921495
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:48:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

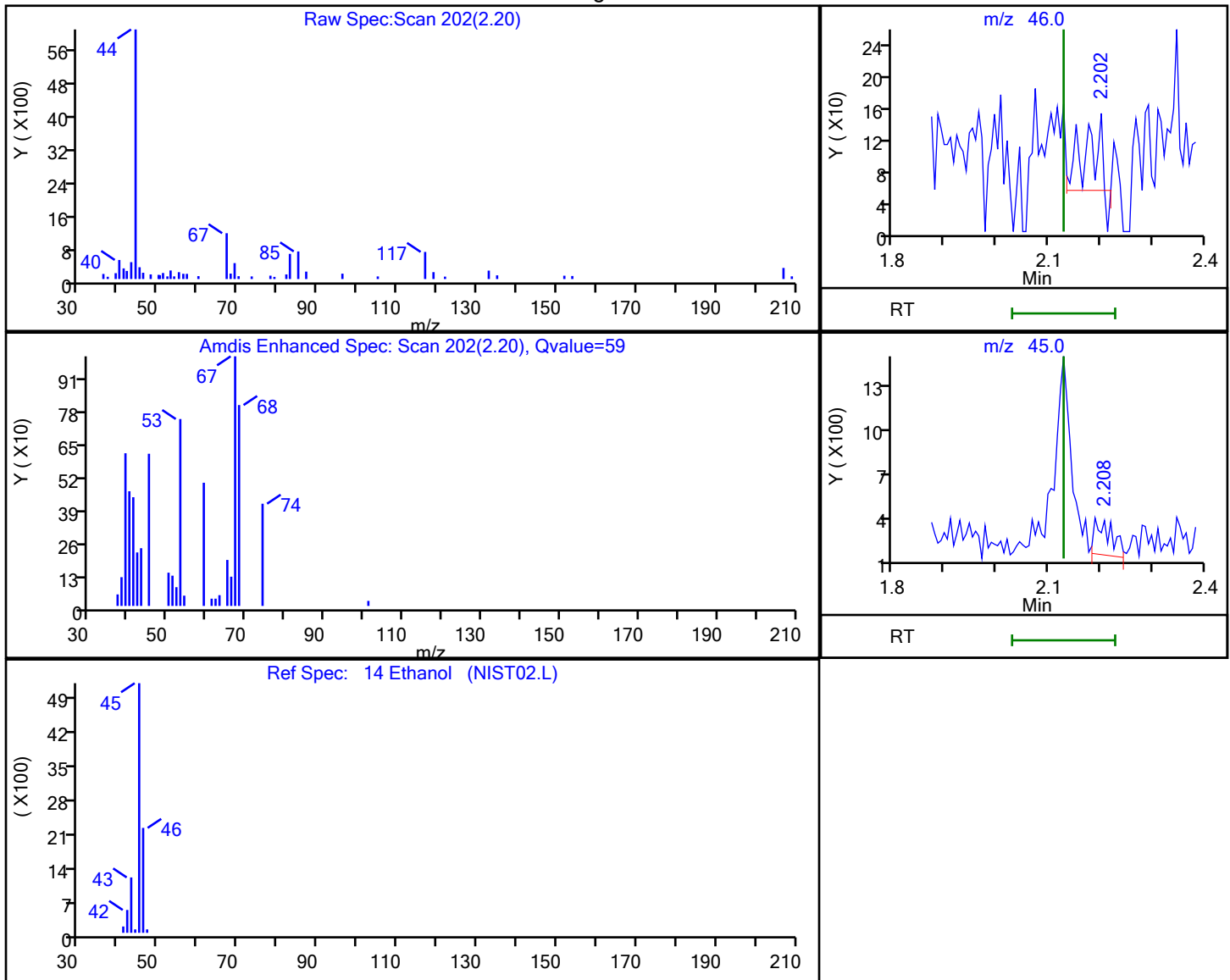
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.20	46.00	185	23.894444
2.21	45.00	544	

Reviewer: W9CM, 15-Oct-2022 10:44:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

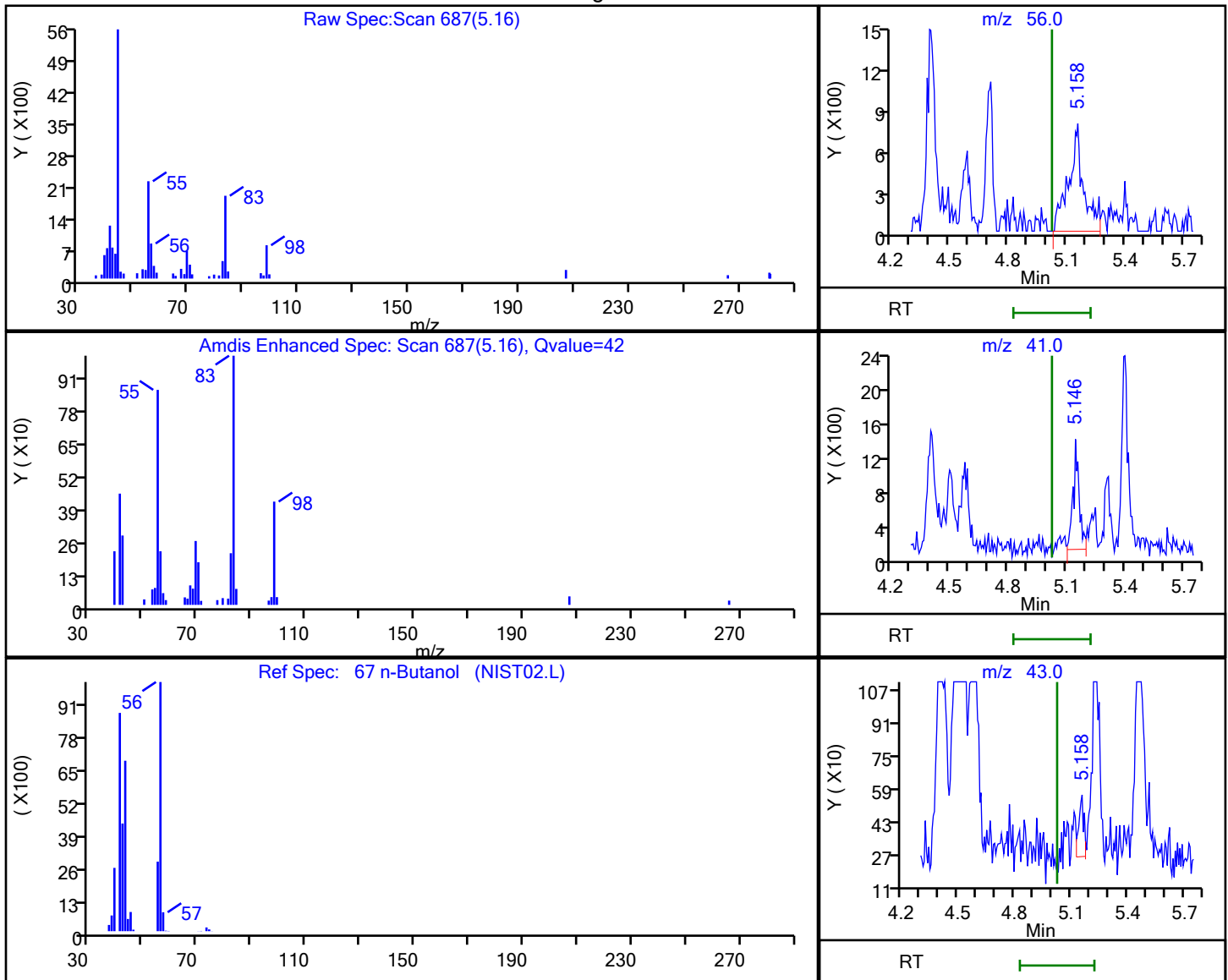
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.16	56.00	4157	66.564419
5.15	41.00	2732	
5.16	43.00	565	

Reviewer: W9CM, 15-Oct-2022 10:48:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62097.D

Injection Date: 15-Oct-2022 02:47:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

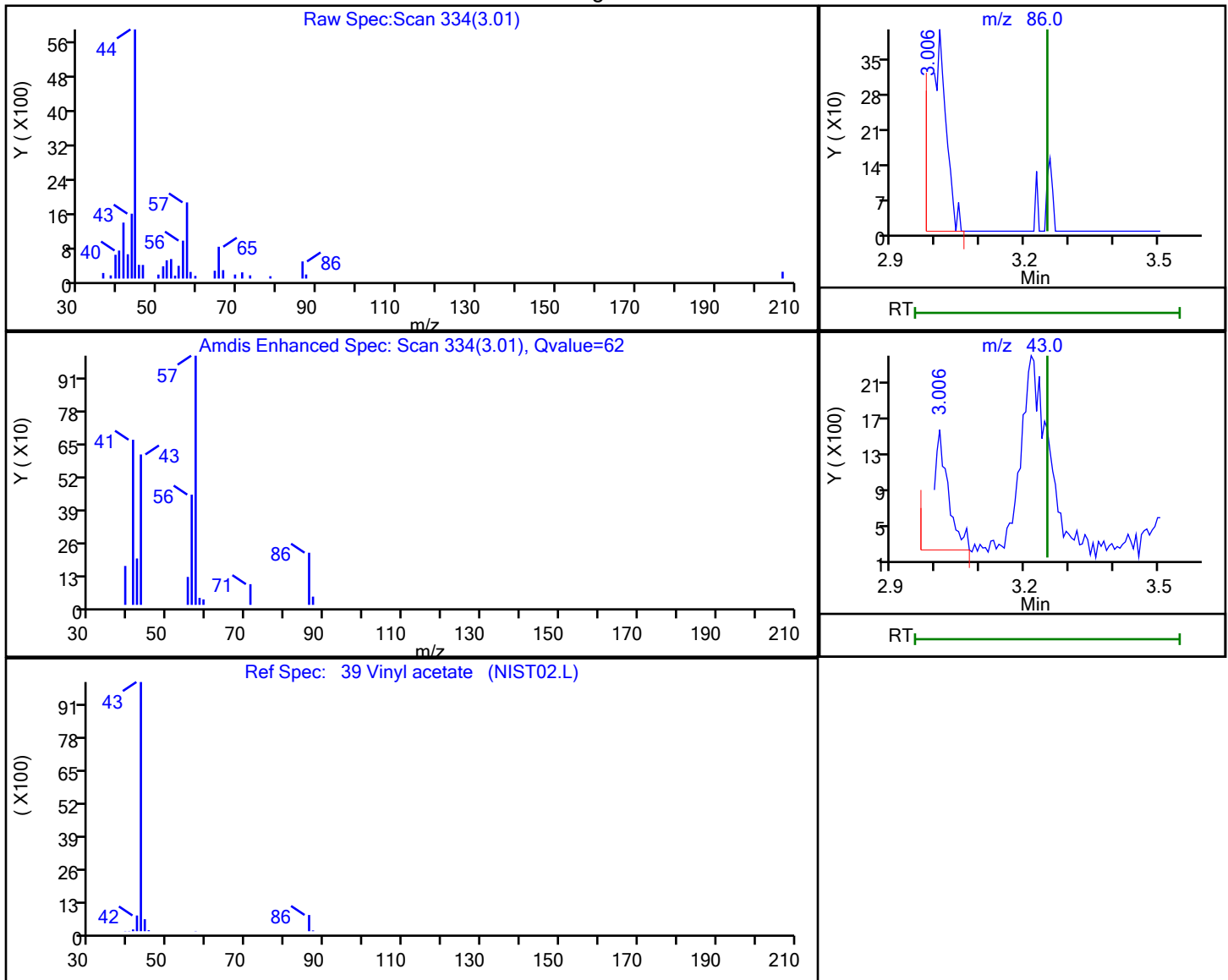
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.01	86.00	823	16.187063
3.01	43.00	3118	

Reviewer: W9CM, 15-Oct-2022 10:46:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 15-Oct-2022 03:07:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0151764-007
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:35 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:52:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.165	0.006	28	1149	5.00	4.86	
3 Chlorotrifluoroethene	116	1.239	1.250	-0.011	53	5707	5.00	4.90	
2 1,1-Difluoroethane	65	1.251	1.257	-0.006	95	9716	5.00	4.94	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	96	17104	5.00	5.49	
5 Chlorodifluoromethane	67	1.287	1.293	-0.006	97	3959	5.00	6.23	a
6 Chloromethane	50	1.415	1.421	-0.006	99	26168	5.00	5.63	
7 Vinyl chloride	62	1.488	1.494	-0.006	98	20694	5.00	5.62	
8 Butadiene	54	1.501	1.507	-0.006	96	21012	5.00	5.91	
9 Bromomethane	94	1.738	1.744	-0.006	98	14881	5.00	5.50	
10 Chloroethane	64	1.787	1.787	0.000	99	12712	5.00	5.44	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	33582	5.00	5.16	
13 Pentane	72	1.952	1.958	-0.006	85	3583	10.0	9.84	
12 Trichlorofluoromethane	101	1.958	1.964	-0.006	47	20107	5.00	5.40	
15 Ethyl ether	74	2.123	2.122	0.000	95	9039	5.00	4.83	
14 Ethanol	46	2.116	2.128	-0.012	78	1485	200.0	197.2	
16 2-Methyl-1,3-butadiene	53	2.135	2.141	-0.006	96	12967	5.00	4.81	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.183	2.189	-0.006	92	13831	5.00	5.19	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.244	-0.006	94	22971	5.00	4.98	a
19 Acrolein	56	2.275	2.287	-0.012	94	7777	20.0	24.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.299	2.299	0.000	89	11520	5.00	4.87	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	98	14553	5.00	5.03	
22 Acetone	43	2.391	2.391	0.001	87	21844	25.0	23.5	
23 Iodomethane	142	2.446	2.451	-0.005	99	26500	5.00	4.87	
24 Carbon disulfide	76	2.476	2.470	0.006	100	62753	5.00	5.11	
25 Isopropyl alcohol	45	2.464	2.488	-0.024	29	4304	50.0	41.6	a
26 3-Chloro-1-propene	76	2.580	2.586	-0.006	93	11324	5.00	4.95	
27 Methyl acetate	43	2.598	2.598	0.000	68	24166	10.0	10.1	
28 Cyclopentene	67	2.598	2.598	0.000	93	36781	5.00	4.98	
29 Acetonitrile	40	2.659	2.665	-0.006	93	4985	50.0	44.0	M
30 Methylene Chloride	84	2.696	2.701	-0.005	55	18143	5.00	4.89	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.702	2.720	-0.018	0	31587	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.775	2.775	0.000	34	17167	50.0	51.2	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	98	46650	5.00	4.94	
34 trans-1,2-Dichloroethene	96	2.860	2.866	-0.006	98	15907	5.00	4.91	
35 Acrylonitrile	53	2.939	2.939	0.000	96	62479	50.0	53.4	
36 Hexane	57	3.006	3.006	0.000	95	15084	5.00	4.63	
37 Isopropyl ether	45	3.208	3.201	0.007	95	58136	5.00	5.02	
38 1,1-Dichloroethane	63	3.220	3.232	-0.012	99	30623	5.00	5.07	
39 Vinyl acetate	86	3.244	3.250	-0.006	100	3262	10.0	7.65	
40 2-Chloro-1,3-butadiene	88	3.263	3.268	-0.005	91	13778	5.00	4.99	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	89	52604	5.00	5.01	
* 42 2-Butanone-d5	46	3.671	3.677	-0.006	0	233988	250.0	250.0	
43 2,2-Dichloropropane	97	3.683	3.689	-0.006	50	4190	5.00	4.81	
44 cis-1,2-Dichloroethene	96	3.708	3.707	0.001	96	17895	5.00	4.91	
45 2-Butanone (MEK)	72	3.720	3.732	-0.012	96	8380	25.0	24.5	
46 Ethyl acetate	70	3.720	3.732	-0.012	93	3113	10.0	9.69	
47 Methyl acrylate	55	3.781	3.774	0.007	98	13124	5.00	4.83	
48 Propionitrile	54	3.866	3.860	0.006	98	20140	50.0	46.3	a
50 Tetrahydrofuran	72	3.921	3.921	0.000	48	3864	10.0	9.69	
49 Chlorobromomethane	128	3.921	3.921	0.000	97	8409	5.00	4.85	
51 Methacrylonitrile	67	3.939	3.945	-0.006	93	63457	50.0	49.7	
52 Chloroform	83	3.970	3.969	0.001	97	28110	5.00	5.01	
53 Cyclohexane	84	4.086	4.085	0.001	93	19259	5.00	4.99	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	99	22783	5.00	4.98	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	101760	50.0	50.8	
56 Carbon tetrachloride	117	4.201	4.213	-0.012	96	18396	5.00	4.94	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	97	20927	5.00	5.05	
58 Isobutyl alcohol	43	4.390	4.396	-0.006	52	19345	125.0	110.3	a
59 Isooctane	57	4.390	4.402	-0.012	92	39292	5.00	4.46	
60 Benzene	78	4.421	4.421	0.000	96	63545	5.00	5.01	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.439	4.445	-0.006	0	112571	50.0	50.8	
62 Tert-amyl methyl ether	73	4.494	4.494	0.000	81	55413	5.00	4.89	
63 Isopropyl acetate	61	4.494	4.494	0.000	93	8365	5.00	4.87	
64 1,2-Dichloroethane	62	4.512	4.518	-0.006	96	19704	5.00	5.05	
65 n-Heptane	100	4.567	4.579	-0.012	95	2491	5.00	5.17	
* 66 Fluorobenzene	96	4.695	4.701	-0.006	99	389817	50.0	50.0	
67 n-Butanol	56	5.043	5.024	0.019	37	5104	125.0	90.2	
68 Trichloroethene	95	5.030	5.036	-0.006	98	15743	5.00	4.84	
69 Methylcyclohexane	83	5.146	5.146	0.000	91	19606	5.00	4.68	a
70 Ethyl acrylate	99	5.158	5.152	0.006	97	1774	5.00	5.07	
71 1,2-Dichloropropane	63	5.311	5.311	0.000	93	16586	5.00	4.83	
* 72 1,4-Dioxane-d8	96	5.372	5.384	-0.012	0	14866	1000.0	1000.0	
73 Methyl methacrylate	100	5.396	5.396	0.000	93	6532	10.0	9.34	
75 1,4-Dioxane	88	5.427	5.433	-0.006	31	2091	100.0	107.7	a
74 Dibromomethane	93	5.433	5.433	0.000	97	9835	5.00	5.11	
76 n-Propyl acetate	43	5.463	5.457	0.006	98	19269	5.00	4.73	
77 Dichlorobromomethane	83	5.579	5.585	-0.006	99	19594	5.00	4.76	
78 2-Nitropropane	41	5.914	5.914	0.000	75	6505	10.0	9.03	
79 2-Chloroethyl vinyl ether	63	5.921	5.920	0.001	75	8911	5.01	4.73	
80 Epichlorohydrin	57	6.024	6.018	0.006	99	25779	100.0	98.2	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	91	21246	5.00	4.64	
82 4-Methyl-2-pentanone (MIBK)	58	6.238	6.237	0.001	97	30734	25.0	23.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.299	6.298	0.001	99	350180	50.0	49.9	
84 Toluene	91	6.372	6.371	0.001	94	60000	5.00	4.87	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	94	18784	5.00	4.89	
86 Ethyl methacrylate	69	6.768	6.768	0.000	91	18889	5.00	5.09	
87 1,1,2-Trichloroethane	83	6.933	6.932	0.001	96	11184	5.00	4.93	
88 Tetrachloroethene	166	6.963	6.963	0.000	97	13182	5.00	4.84	
89 1,3-Dichloropropane	76	7.134	7.133	0.001	95	20619	5.00	4.91	
90 2-Hexanone	43	7.213	7.213	0.000	98	46437	25.0	24.2	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	24714	5.00	5.19	
92 Chlorodibromomethane	129	7.359	7.353	0.006	98	13117	5.00	4.72	
93 Ethylene Dibromide	107	7.500	7.499	0.001	99	11959	5.00	4.89	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	89	261789	50.0	50.0	
95 Chlorobenzene	112	8.073	8.072	0.001	95	36344	5.00	4.85	
96 Ethylbenzene	106	8.182	8.182	0.000	98	21005	5.00	4.87	
97 1,1,1,2-Tetrachloroethane	131	8.207	8.200	0.007	95	14851	5.00	4.97	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	25342	5.00	4.87	
99 o-Xylene	106	8.859	8.859	0.000	94	26964	5.00	4.82	
100 n-Butyl acrylate	73	8.877	8.871	0.006	96	12482	5.00	5.20	
101 Styrene	104	8.896	8.895	0.001	93	39137	5.00	4.74	
102 Bromoform	173	9.158	9.151	0.007	95	8847	5.00	4.79	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	90	29474	5.00	4.86	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	65299	5.00	4.80	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	90	105959	50.0	51.4	
106 Bromobenzene	156	9.700	9.700	0.000	97	15512	5.00	4.58	
107 1,1,2,2-Tetrachloroethane	83	9.786	9.785	0.001	98	17007	5.00	4.58	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	82467	5.00	4.72	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	97	4728	5.00	4.75	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	64	2668	5.00	4.09	
111 2-Chlorotoluene	91	9.914	9.913	0.001	96	55854	5.00	4.67	
112 4-Ethyltoluene	105	9.932	9.938	-0.006	98	65696	5.00	4.61	
113 1,3,5-Trimethylbenzene	105	10.011	10.017	-0.006	92	55963	5.00	4.53	
114 4-Chlorotoluene	91	10.042	10.041	0.001	98	52477	5.00	4.68	
115 Butyl Methacrylate	87	10.151	10.151	0.000	90	19778	5.00	4.49	
116 tert-Butylbenzene	119	10.328	10.328	0.000	95	42260	5.00	4.37	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	98	59369	5.00	4.62	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	71540	5.00	4.57	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	96	30999	5.00	4.70	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	60422	5.00	4.61	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	96	150723	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	96	31384	5.00	4.70	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	98	61206	5.00	4.50	
124 Benzyl chloride	91	10.926	10.925	0.001	99	19394	5.00	4.50	
125 2,3-Dihydroindene	117	10.981	10.980	0.001	95	60013	5.00	4.58	
126 p-Diethylbenzene	119	11.054	11.053	0.001	92	32855	5.00	4.57	
127 n-Butylbenzene	92	11.078	11.078	0.000	99	33879	5.00	4.80	
128 1,2-Dichlorobenzene	146	11.121	11.121	0.000	96	32324	5.00	4.79	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	98	58825	5.00	4.45	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	96	4021	5.00	4.81	
131 1,3,5-Trichlorobenzene	180	11.932	11.931	0.001	96	25180	5.00	4.55	
132 1,2,4-Trichlorobenzene	180	12.438	12.437	0.001	92	24815	5.00	4.74	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	95	10106	5.00	4.75	
134 Naphthalene	128	12.627	12.626	0.001	99	64016	5.00	4.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.816	12.809	0.007	96	23944	5.00	4.76	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.82	
S 137 Xylenes, Total	100				0		10.0	9.69	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.53	
S 140 Total BTEX	1				0		25.0	24.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 10.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00160	Amount Added: 10.00	Units: uL	
GASES Li_00498	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

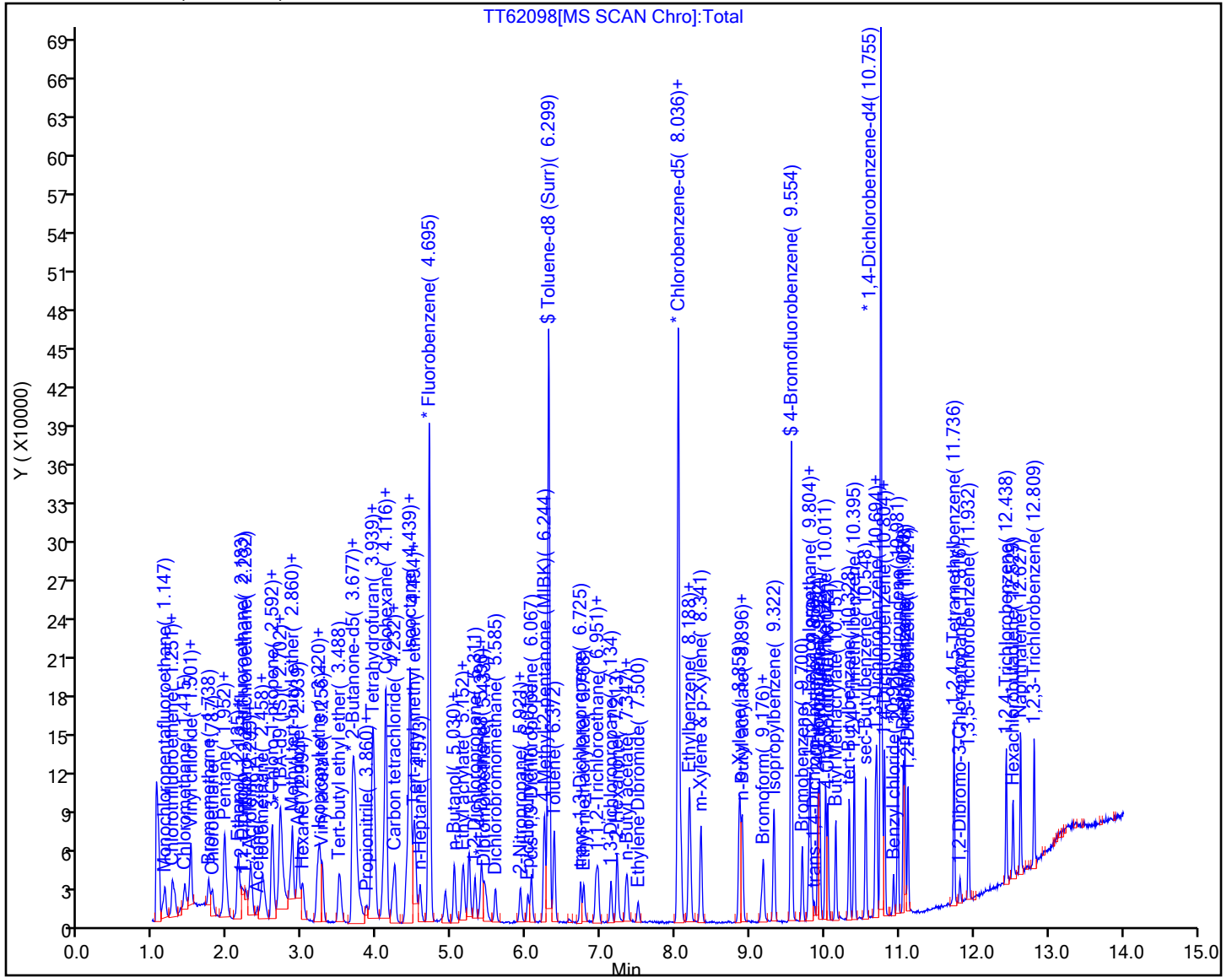
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

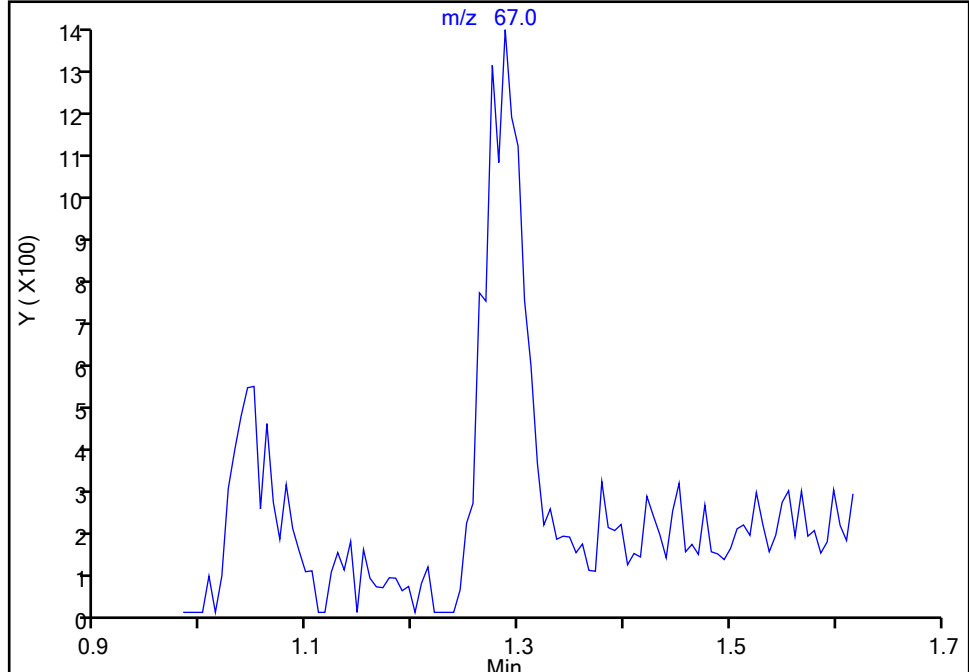
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

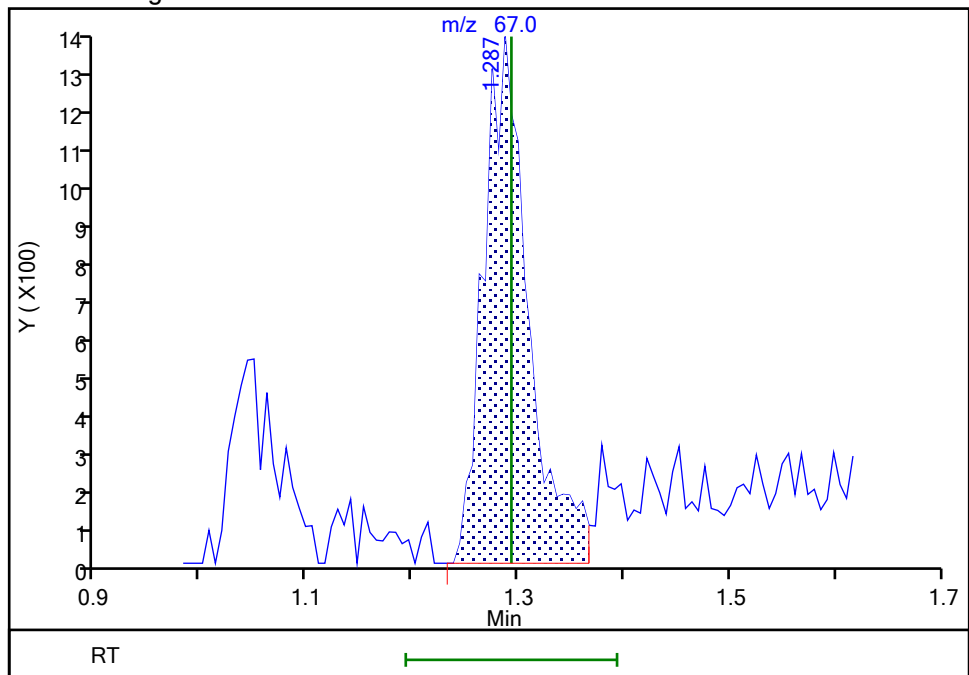
Not Detected

Expected RT: 1.29

Processing Integration Results



Manual Integration Results



RT: 1.29

Area: 3959

Amount: 6.226064

Amount Units: ug/l

Reviewer: W9CM, 15-Oct-2022 10:49:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

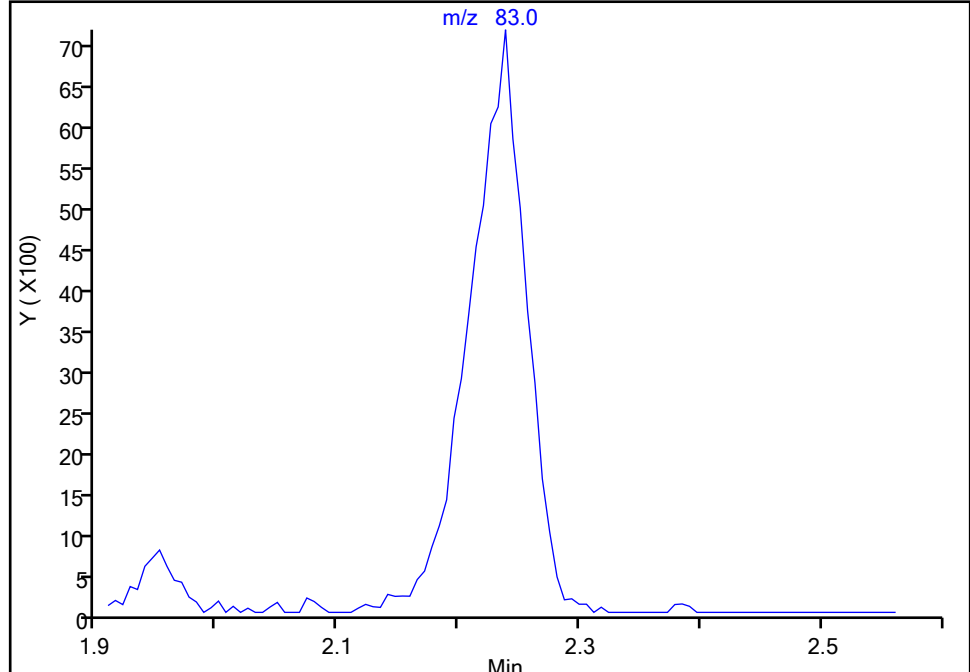
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.24

Processing Integration Results



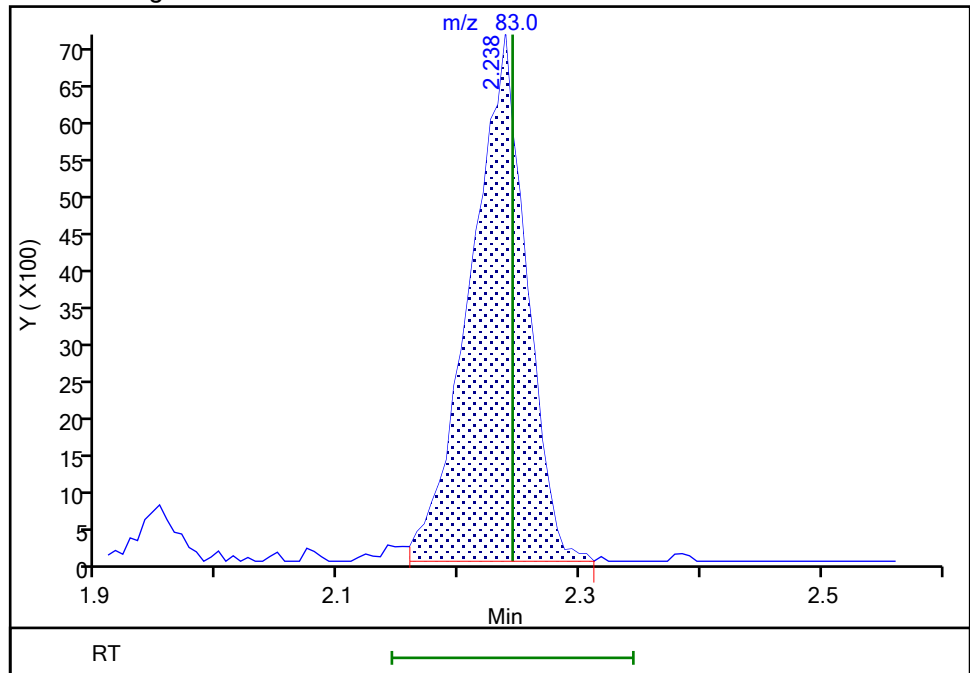
RT: 2.24

Area: 22971

Amount: 4.981919

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:50:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

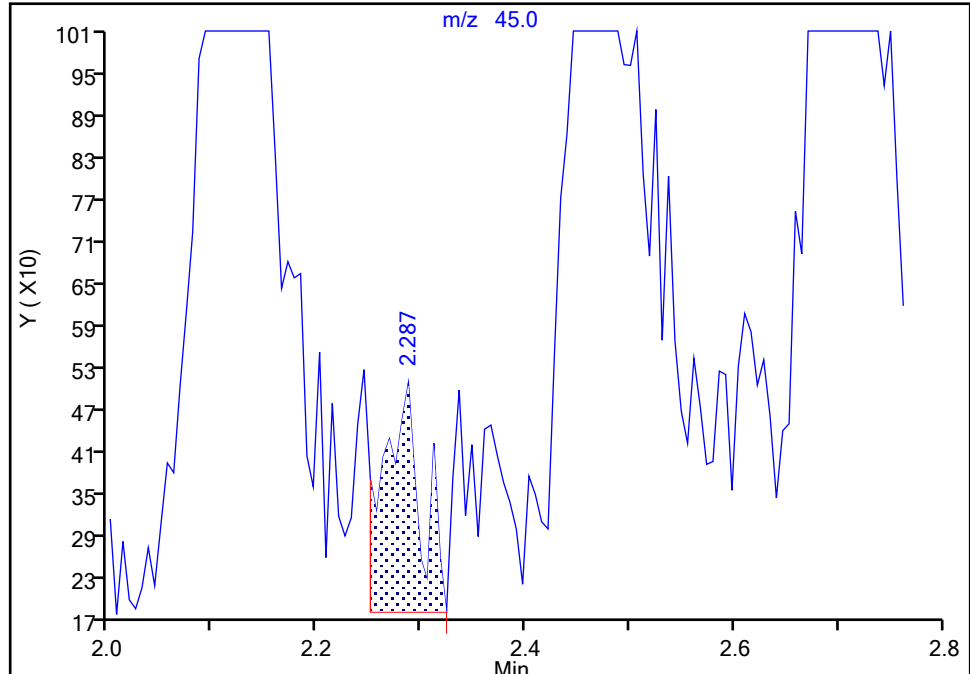
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

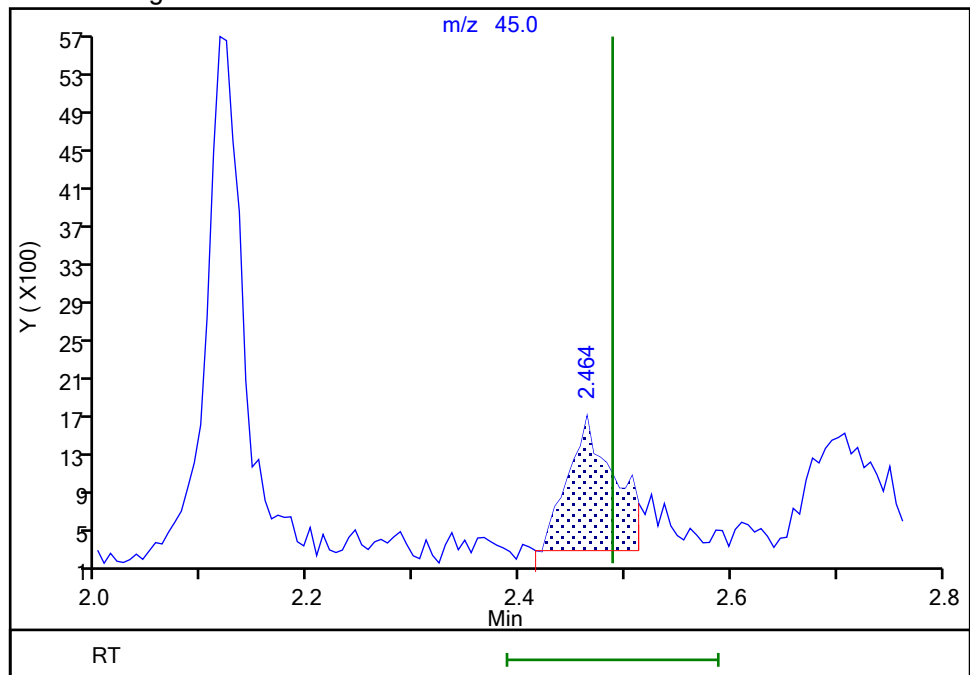
RT: 2.29
Area: 821
Amount: 169.9750
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 4304
Amount: 41.609894
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:50:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

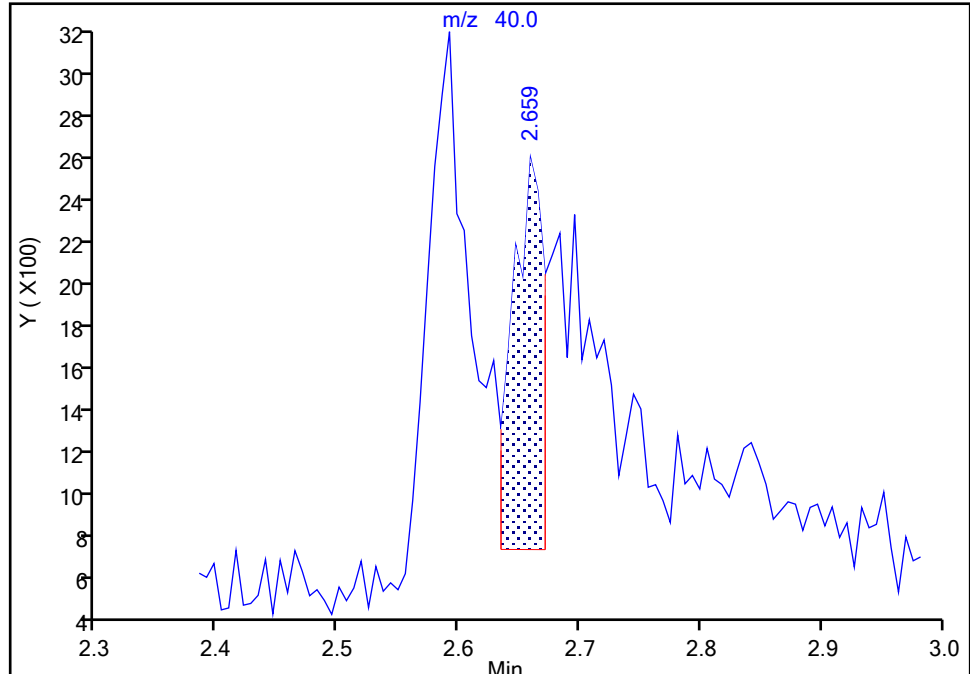
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

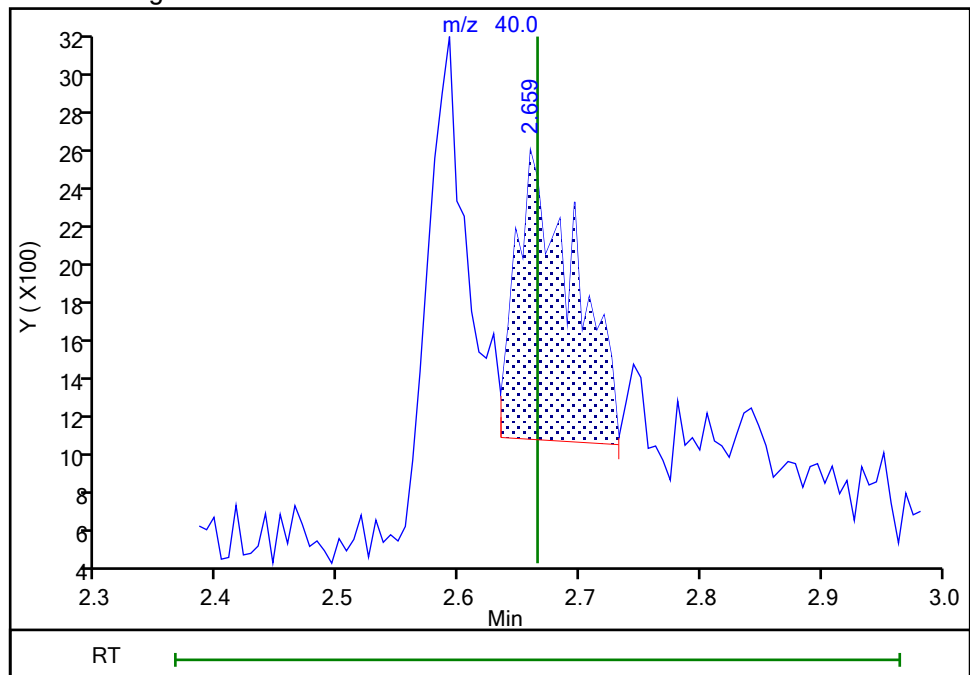
RT: 2.66
Area: 3275
Amount: 31.582308
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 4985
Amount: 44.028559
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:01:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

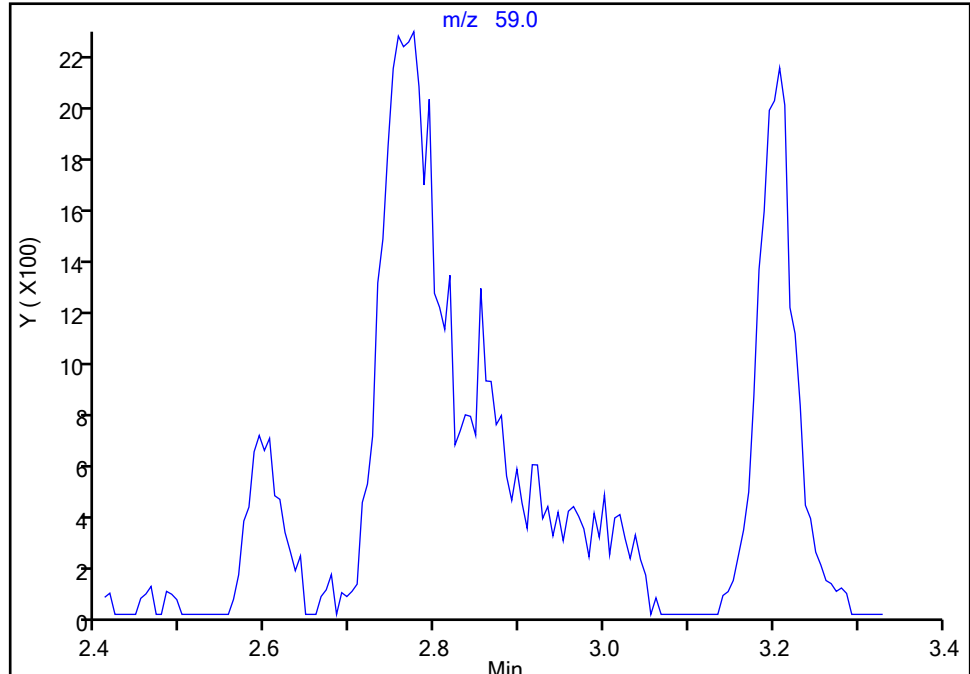
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

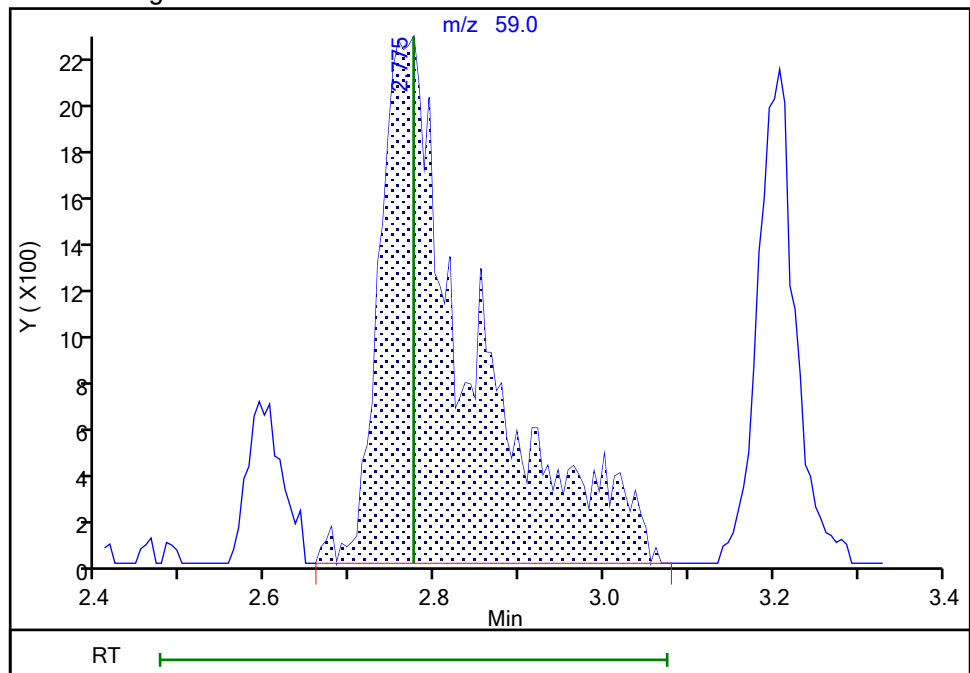
Not Detected

Expected RT: 2.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:50:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

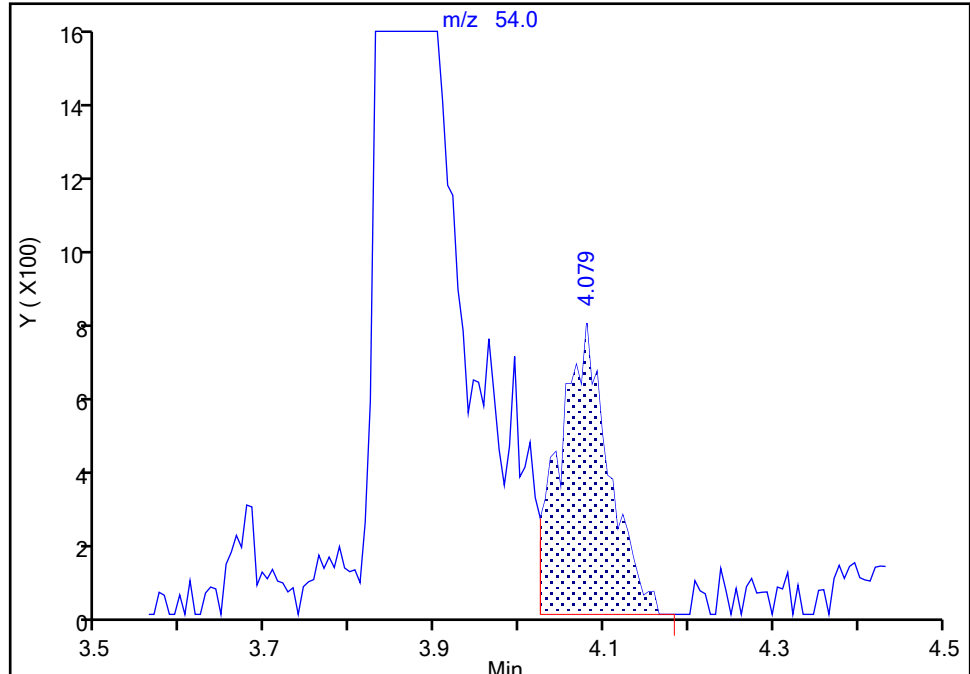
MS Quad

48 Propionitrile, CAS: 107-12-0

Signal: 1

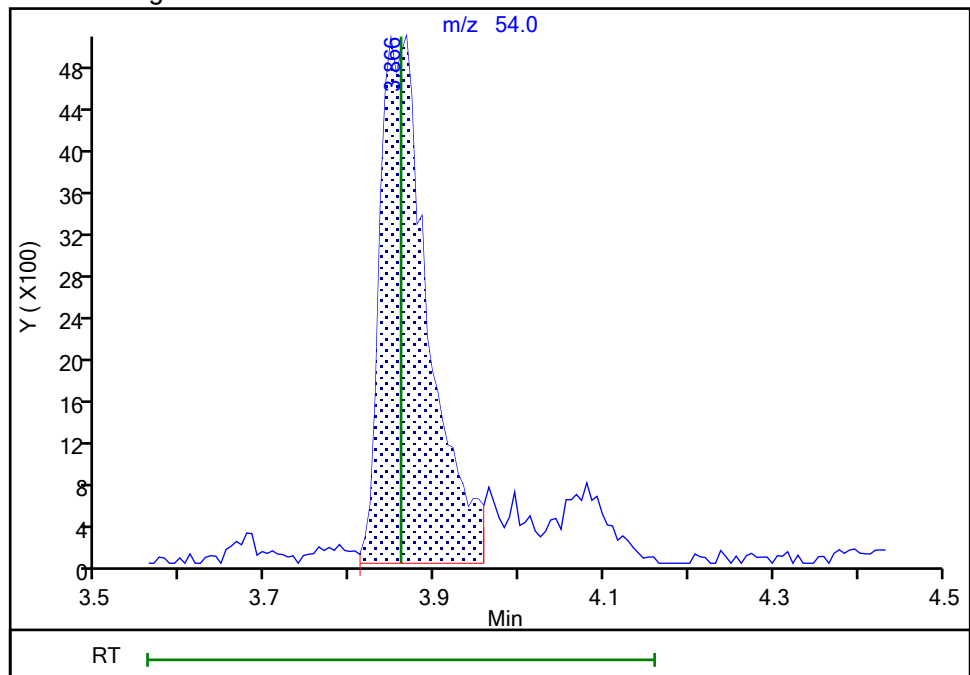
RT: 4.08
Area: 3158
Amount: 8.393950
Amount Units: ug/l

Processing Integration Results



RT: 3.87
Area: 20140
Amount: 46.261599
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:02:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

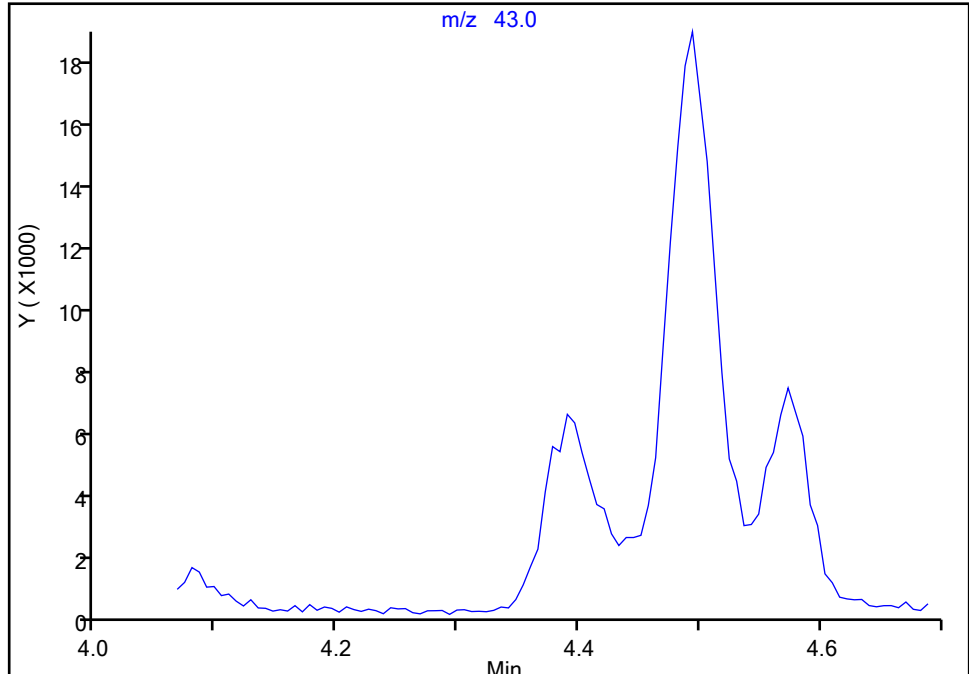
58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

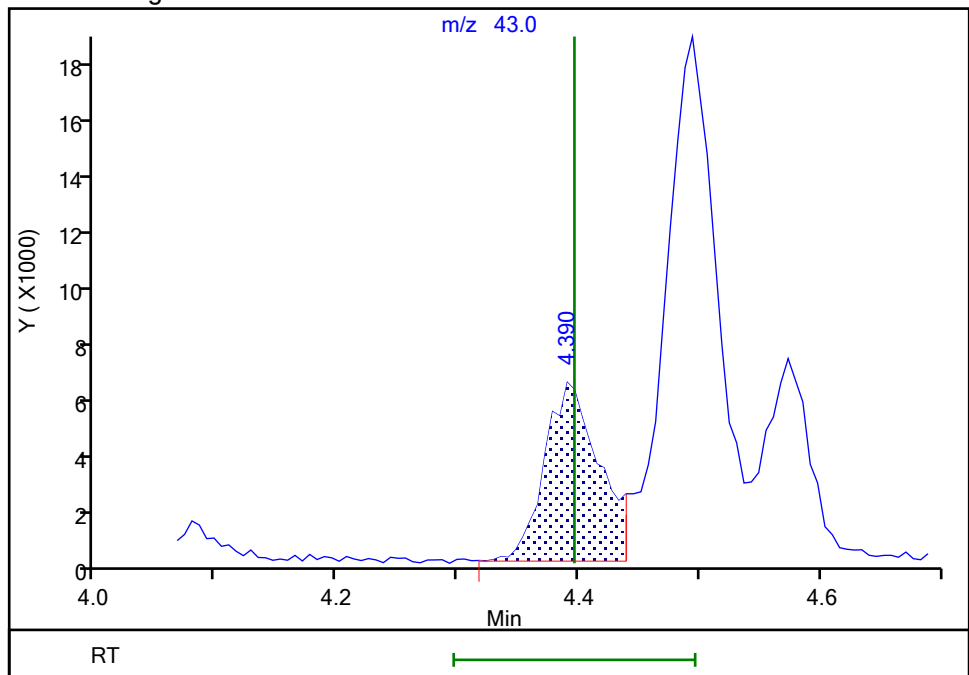
Not Detected

Expected RT: 4.40

Processing Integration Results



Manual Integration Results



RT: 4.39
Area: 19345
Amount: 110.3219
Amount Units: ug/l

Reviewer: W9CM, 15-Oct-2022 10:51:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

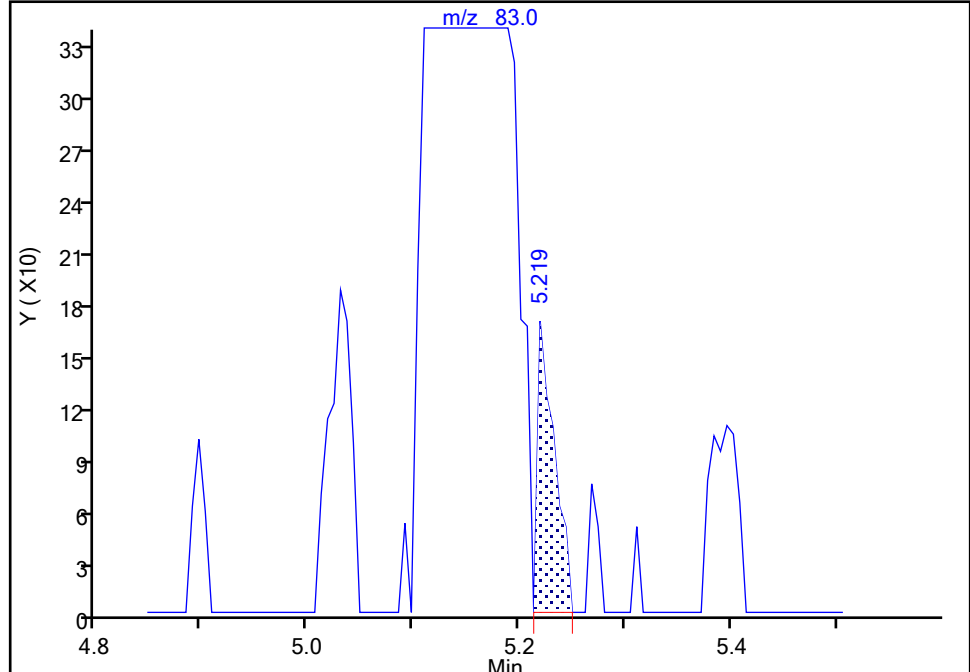
Detector: MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

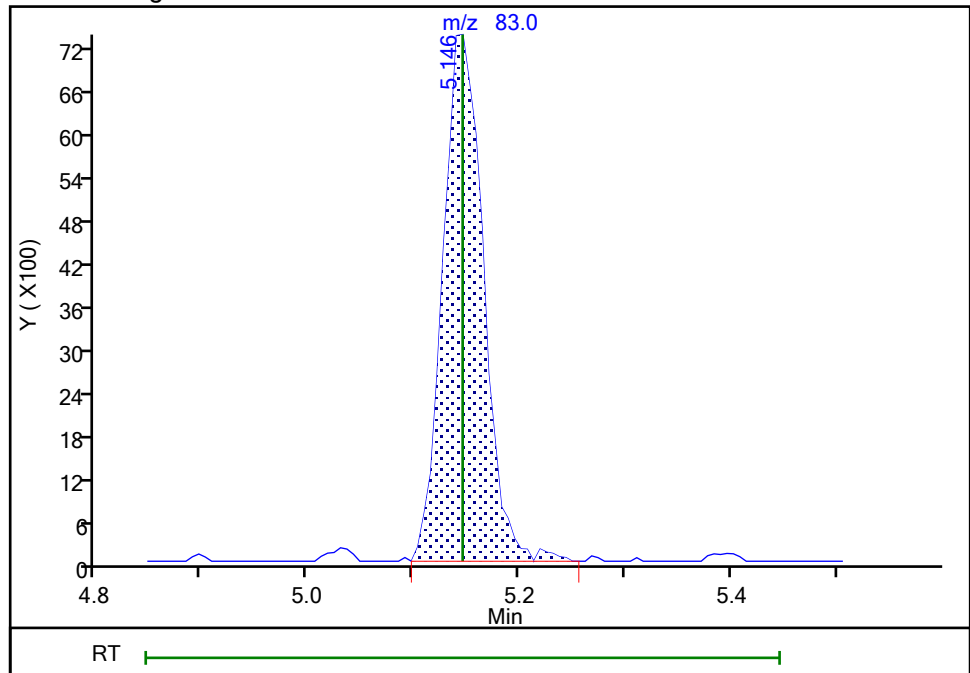
RT: 5.22
Area: 189
Amount: 0.049648
Amount Units: ug/l

Processing Integration Results



RT: 5.15
Area: 19606
Amount: 4.677867
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:51:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62098.D

Injection Date: 15-Oct-2022 03:07:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

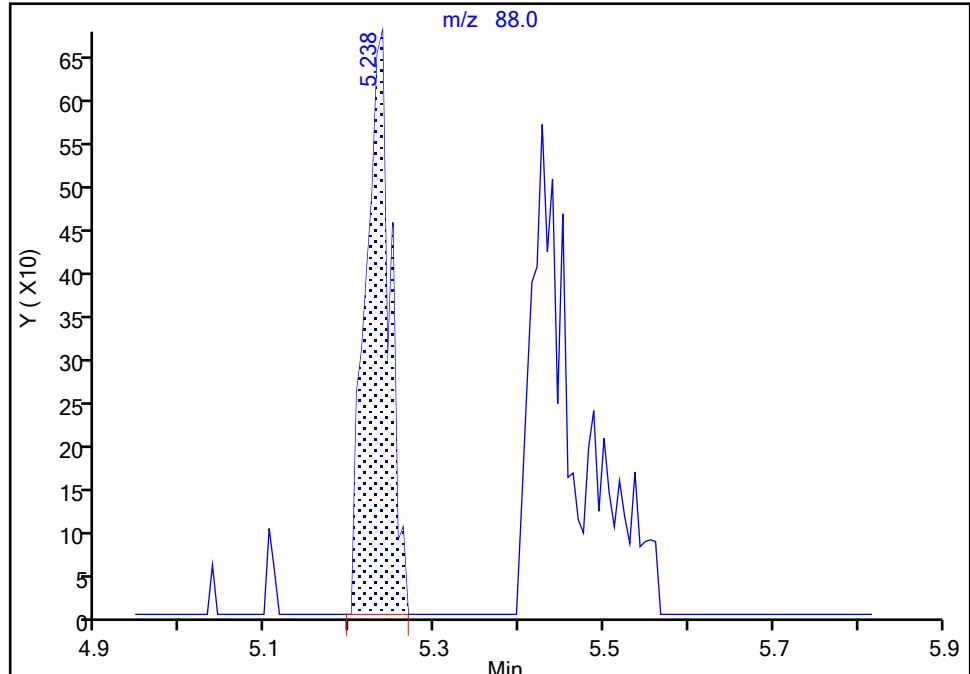
MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

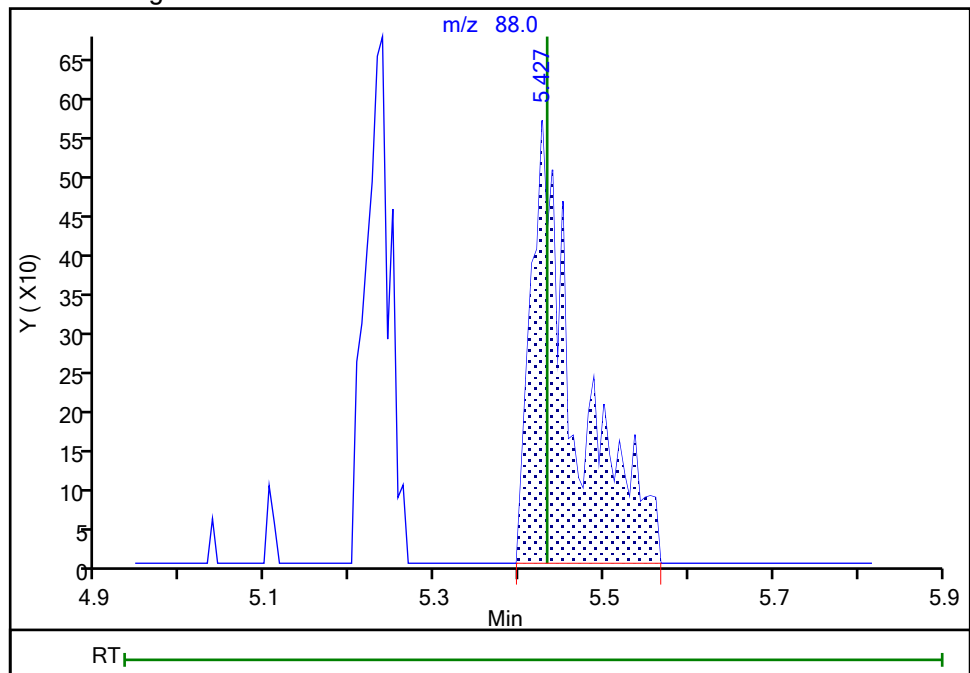
RT: 5.24
Area: 1350
Amount: 71.081689
Amount Units: ug/l

Processing Integration Results



RT: 5.43
Area: 2091
Amount: 107.6963
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:02:21

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 15-Oct-2022 03:28:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0151764-008
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:42 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:55:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.165	0.000	34	5227	20.0	21.7	
3 Chlorotrifluoroethene	116	1.250	1.250	0.000	90	23811	20.0	20.1	a
2 1,1-Difluoroethane	65	1.257	1.257	0.000	98	40143	20.0	20.0	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	47	58254	20.0	18.4	
5 Chlorodifluoromethane	67	1.293	1.293	0.000	92	14544	20.0	22.5	a
6 Chloromethane	50	1.421	1.421	0.000	99	83262	20.0	17.6	
7 Vinyl chloride	62	1.494	1.494	0.000	98	66477	20.0	17.7	
8 Butadiene	54	1.507	1.507	0.000	96	65170	20.0	18.0	
9 Bromomethane	94	1.744	1.744	0.000	98	50466	20.0	18.6	
10 Chloroethane	64	1.787	1.787	0.000	99	43796	20.0	18.7	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	128136	20.0	19.3	
13 Pentane	72	1.958	1.958	0.000	97	14504	40.0	43.0	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	52	69973	20.0	18.5	
15 Ethyl ether	74	2.122	2.122	0.000	93	38454	20.0	20.2	
14 Ethanol	46	2.128	2.128	0.000	74	5872	800.0	807.5	
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	98	52600	20.0	19.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.189	2.189	0.000	93	54803	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.244	2.244	0.000	89	92235	20.0	19.6	a
19 Acrolein	56	2.287	2.287	0.000	92	16989	40.0	51.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.299	2.299	0.000	91	48134	20.0	20.0	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	97	57577	20.0	19.5	
22 Acetone	43	2.391	2.391	0.000	87	86322	100.0	92.2	
23 Iodomethane	142	2.451	2.451	0.000	97	111622	20.0	20.2	
24 Carbon disulfide	76	2.470	2.470	0.000	99	242651	20.0	19.4	
25 Isopropyl alcohol	45	2.488	2.488	0.000	27	20629	200.0	206.5	a
26 3-Chloro-1-propene	76	2.586	2.586	0.000	91	42884	20.0	18.4	
27 Methyl acetate	43	2.598	2.598	0.000	71	101629	40.0	41.6	
28 Cyclopentene	67	2.598	2.598	0.000	91	146096	20.0	19.4	
29 Acetonitrile	40	2.665	2.665	0.000	96	21887	200.0	192.3	M
30 Methylene Chloride	84	2.701	2.701	0.000	96	75994	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.720	2.720	0.000	0	30501	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.775	2.775	0.000	98	64362	200.0	198.8	a
33 Methyl tert-butyl ether	73	2.848	2.848	0.000	98	190750	20.0	19.8	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	97	65954	20.0	20.0	
35 Acrylonitrile	53	2.939	2.939	0.000	96	259833	200.0	218.0	
36 Hexane	57	3.006	3.006	0.000	94	63793	20.0	21.7	
37 Isopropyl ether	45	3.201	3.201	0.000	97	237695	20.0	20.2	
38 1,1-Dichloroethane	63	3.232	3.232	0.000	99	125322	20.0	20.4	
39 Vinyl acetate	86	3.250	3.250	0.000	100	20853	40.0	48.6	
40 2-Chloro-1,3-butadiene	88	3.268	3.268	0.000	90	54208	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	88	211869	20.0	19.8	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	235164	250.0	250.0	
43 2,2-Dichloropropane	97	3.689	3.689	0.000	63	17633	20.0	19.9	
44 cis-1,2-Dichloroethene	96	3.707	3.707	0.000	95	74302	20.0	20.0	
45 2-Butanone (MEK)	72	3.732	3.732	0.000	95	32857	100.0	95.4	
46 Ethyl acetate	70	3.732	3.732	0.000	95	11655	40.0	36.1	
47 Methyl acrylate	55	3.774	3.774	0.000	98	52314	20.0	18.9	a
48 Propionitrile	54	3.860	3.860	0.000	99	90814	200.0	216.0	
50 Tetrahydrofuran	72	3.921	3.921	0.000	49	15175	40.0	37.9	a
49 Chlorobromomethane	128	3.921	3.921	0.000	95	34952	20.0	19.8	
51 Methacrylonitrile	67	3.945	3.945	0.000	93	253269	200.0	194.7	
52 Chloroform	83	3.969	3.969	0.000	98	116177	20.0	20.4	
53 Cyclohexane	84	4.085	4.085	0.000	94	79267	20.0	20.2	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	98	92254	20.0	19.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	96	105590	50.0	51.8	
56 Carbon tetrachloride	117	4.213	4.213	0.000	98	76025	20.0	20.1	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	97	82207	20.0	19.5	
58 Isobutyl alcohol	43	4.396	4.396	0.000	51	83437	500.0	492.8	
59 Isooctane	57	4.402	4.402	0.000	94	165189	20.0	18.4	
60 Benzene	78	4.421	4.421	0.000	97	260987	20.0	20.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	112010	50.0	49.6	
62 Tert-amyl methyl ether	73	4.494	4.494	0.000	80	223895	20.0	19.4	
63 Isopropyl acetate	61	4.494	4.494	0.000	93	34524	20.0	19.7	
64 1,2-Dichloroethane	62	4.518	4.518	0.000	96	79355	20.0	20.0	
65 n-Heptane	100	4.579	4.579	0.000	96	9860	20.0	21.4	
* 66 Fluorobenzene	96	4.701	4.701	0.000	98	396841	50.0	50.0	
67 n-Butanol	56	5.024	5.024	0.000	44	24669	500.0	451.5	
68 Trichloroethene	95	5.036	5.036	0.000	99	61809	20.0	18.7	
69 Methylcyclohexane	83	5.146	5.146	0.000	90	85105	20.0	19.9	
70 Ethyl acrylate	99	5.152	5.152	0.000	97	7461	20.0	20.9	
71 1,2-Dichloropropane	63	5.311	5.311	0.000	94	68146	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.384	5.384	0.000	0	14307	1000.0	1000.0	
73 Methyl methacrylate	100	5.396	5.396	0.000	93	27906	40.0	39.2	
75 1,4-Dioxane	88	5.433	5.433	0.000	40	8651	400.0	463.0	
74 Dibromomethane	93	5.433	5.433	0.000	97	36746	20.0	18.8	
76 n-Propyl acetate	43	5.457	5.457	0.000	99	79768	20.0	19.2	
77 Dichlorobromomethane	83	5.585	5.585	0.000	99	79636	20.0	19.0	
78 2-Nitropropane	41	5.914	5.914	0.000	77	27370	40.0	37.3	
79 2-Chloroethyl vinyl ether	63	5.920	5.920	0.000	78	36273	20.0	18.9	
80 Epichlorohydrin	57	6.018	6.018	0.000	100	104797	400.0	397.2	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	93	90150	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.237	6.237	0.000	96	133258	100.0	102.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	98	362343	50.0	50.6	
84 Toluene	91	6.371	6.371	0.000	93	244340	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	98	75859	20.0	19.4	
86 Ethyl methacrylate	69	6.768	6.768	0.000	91	75373	20.0	19.9	
87 1,1,2-Trichloroethane	83	6.932	6.932	0.000	97	45171	20.0	19.5	
88 Tetrachloroethene	166	6.963	6.963	0.000	95	54226	20.0	19.5	
89 1,3-Dichloropropane	76	7.133	7.133	0.000	95	84267	20.0	19.6	
90 2-Hexanone	43	7.213	7.213	0.000	97	189514	100.0	98.1	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	96864	20.0	19.9	
92 Chlorodibromomethane	129	7.353	7.353	0.000	99	55446	20.0	19.5	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	49677	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	88	267166	50.0	50.0	
95 Chlorobenzene	112	8.072	8.072	0.000	94	150239	20.0	19.6	
96 Ethylbenzene	106	8.182	8.182	0.000	98	88912	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.200	8.200	0.000	96	59677	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	107417	20.0	20.2	
99 o-Xylene	106	8.859	8.859	0.000	94	114949	20.0	20.1	
100 n-Butyl acrylate	73	8.871	8.871	0.000	96	47412	20.0	19.3	
101 Styrene	104	8.895	8.895	0.000	96	172252	20.0	20.4	
102 Bromoform	173	9.151	9.151	0.000	96	36005	20.0	19.1	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	90	122305	20.0	20.3	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	283893	20.0	20.4	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	89	105629	50.0	50.2	
106 Bromobenzene	156	9.700	9.700	0.000	98	65813	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.785	9.785	0.000	99	77434	20.0	21.0	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	345839	20.0	19.9	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	97	20320	20.0	20.5	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	80	11603	20.0	17.9	a
111 2-Chlorotoluene	91	9.913	9.913	0.000	96	236428	20.0	19.9	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	282765	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	10.017	10.017	0.000	92	243752	20.0	19.9	
114 4-Chlorotoluene	91	10.041	10.041	0.000	98	221871	20.0	19.9	
115 Butyl Methacrylate	87	10.151	10.151	0.000	91	85700	20.0	19.6	
116 tert-Butylbenzene	119	10.328	10.328	0.000	94	183314	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	98	257558	20.0	20.2	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	307336	20.0	19.7	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	96	128695	20.0	19.6	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	258291	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	96	149721	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	96	130352	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	99	262951	20.0	19.5	
124 Benzyl chloride	91	10.925	10.925	0.000	99	83964	20.0	19.6	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	94	258800	20.0	19.9	
126 p-Diethylbenzene	119	11.053	11.053	0.000	93	139653	20.0	19.5	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	143041	20.0	20.4	
128 1,2-Dichlorobenzene	146	11.121	11.121	0.000	96	136460	20.0	20.3	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	97	258416	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	99	15878	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	11.931	11.931	0.000	97	108904	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	12.437	12.437	0.000	94	101644	20.0	19.6	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	97	39737	20.0	18.8	
134 Naphthalene	128	12.626	12.626	0.000	99	263481	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
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	95	100227	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 137 Xylenes, Total	100				0		40.0	40.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.6	
S 140 Total BTEX	1				0		100.0	100.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00160	Amount Added: 20.00	Units: uL	
GASES Li_00498	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

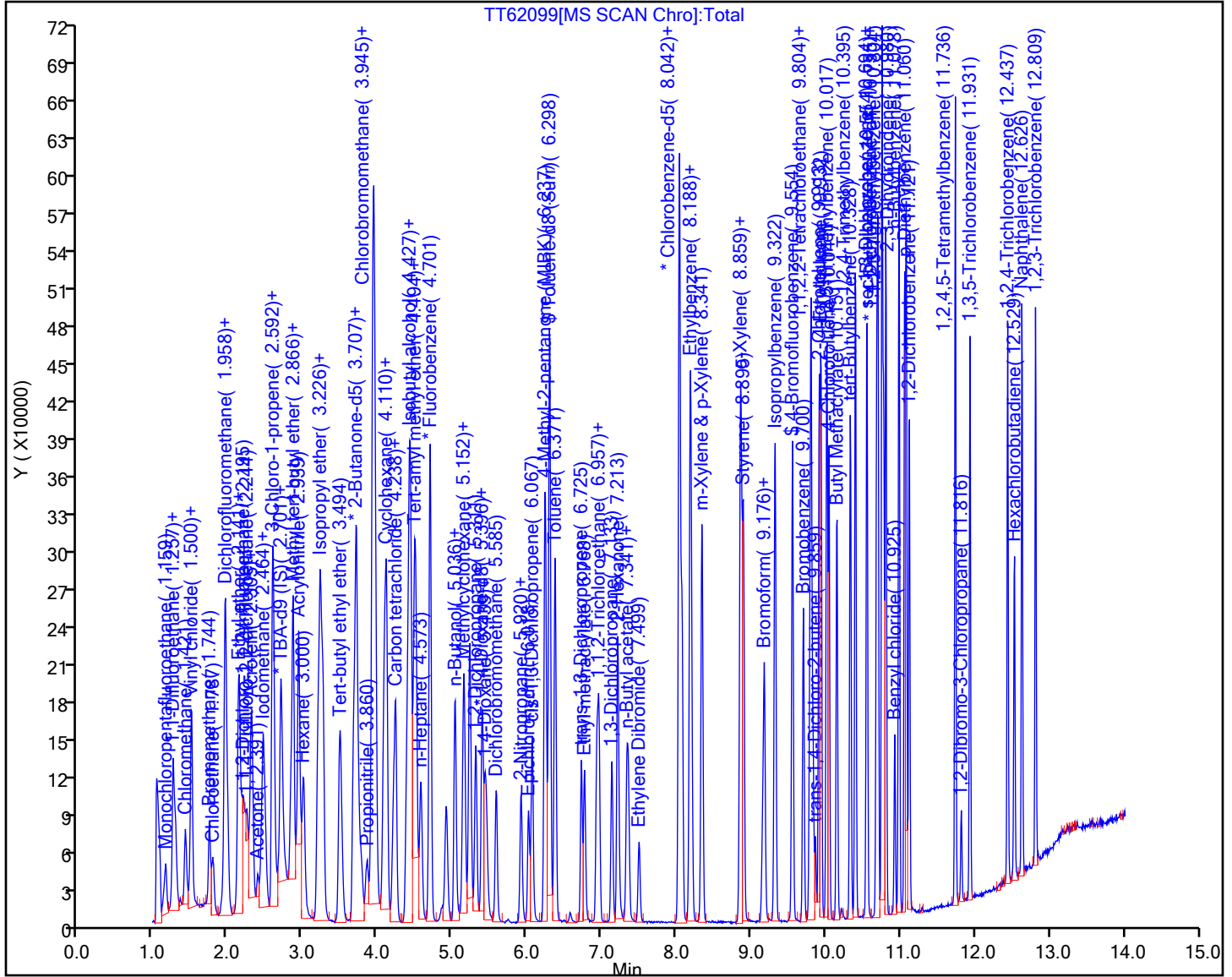
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

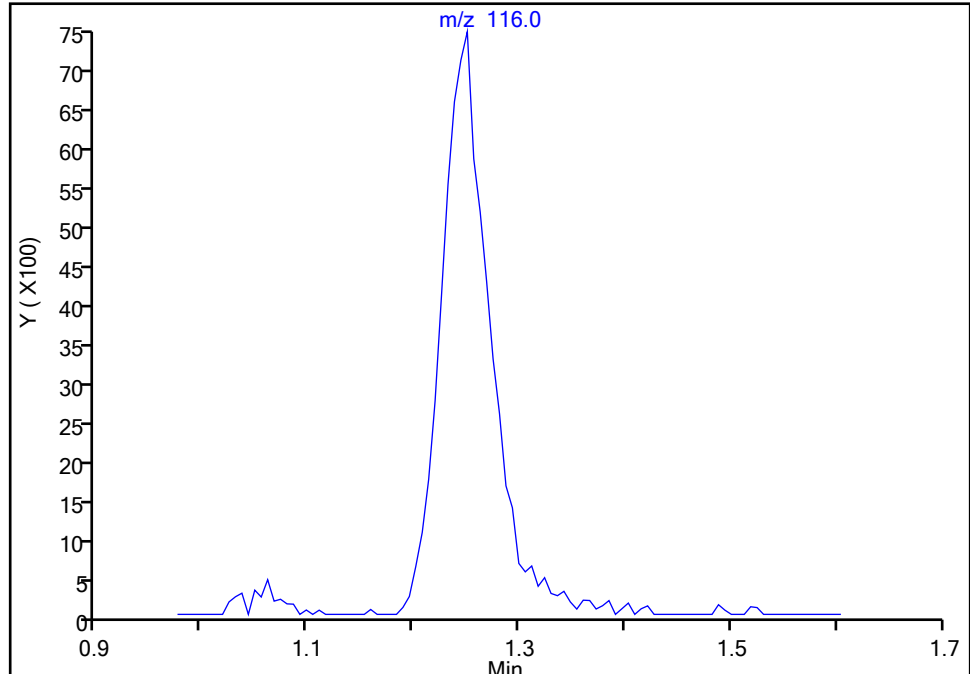
3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

Not Detected

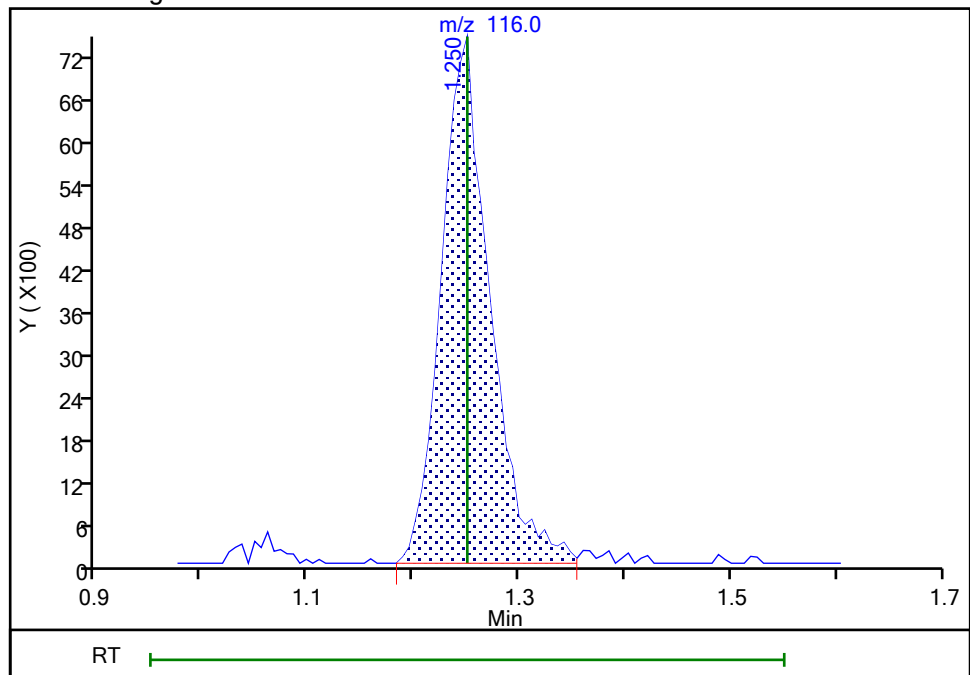
Expected RT: 1.25

Processing Integration Results



RT: 1.25
Area: 23811
Amount: 20.086077
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:52:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

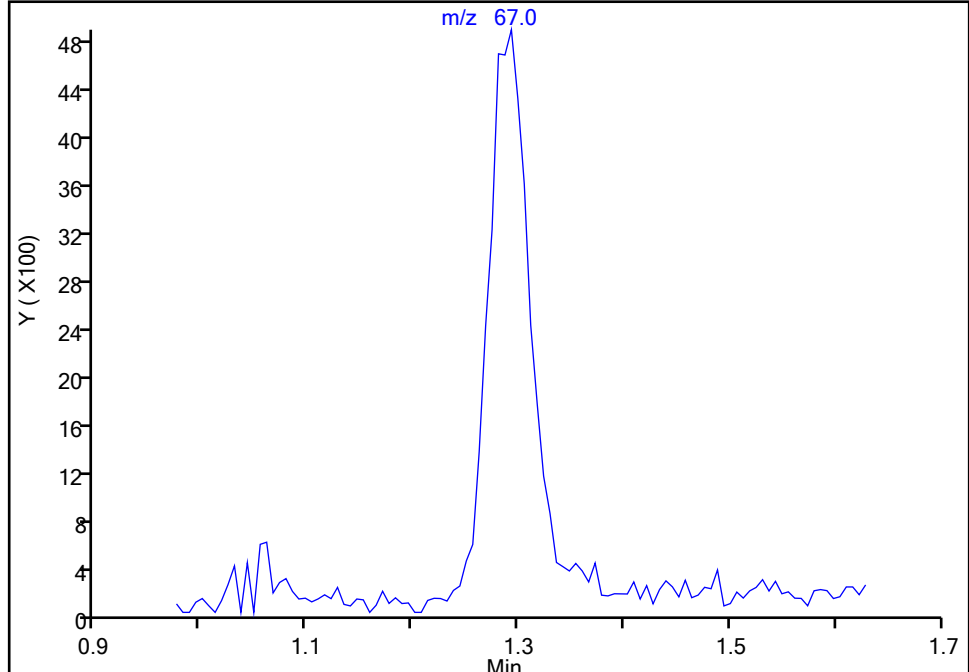
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

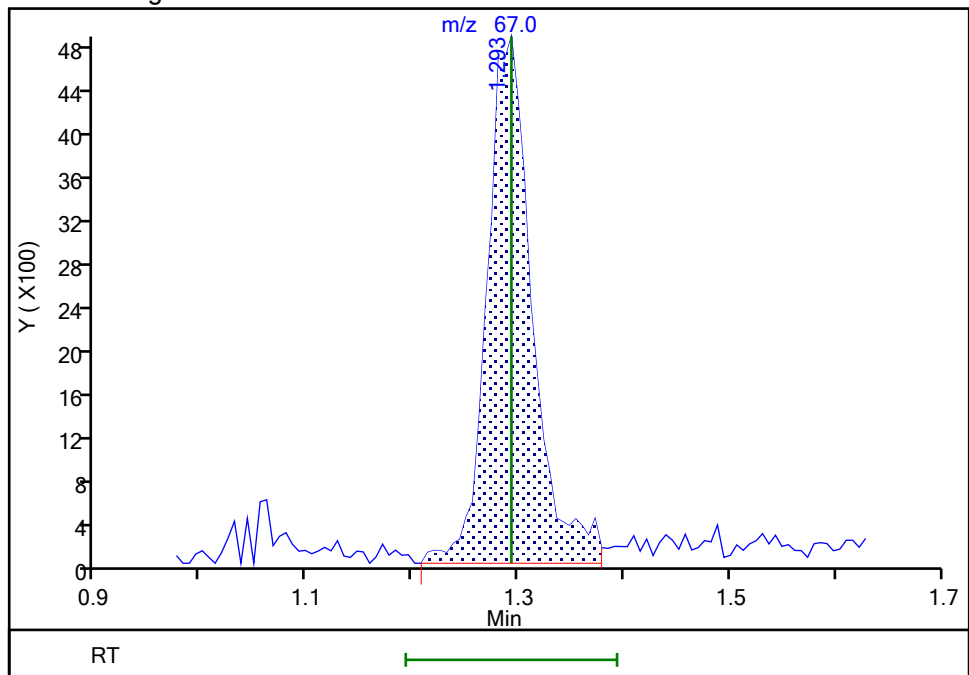
Expected RT: 1.29

Processing Integration Results



RT: 1.29
Area: 14544
Amount: 22.530797
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:52:40

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

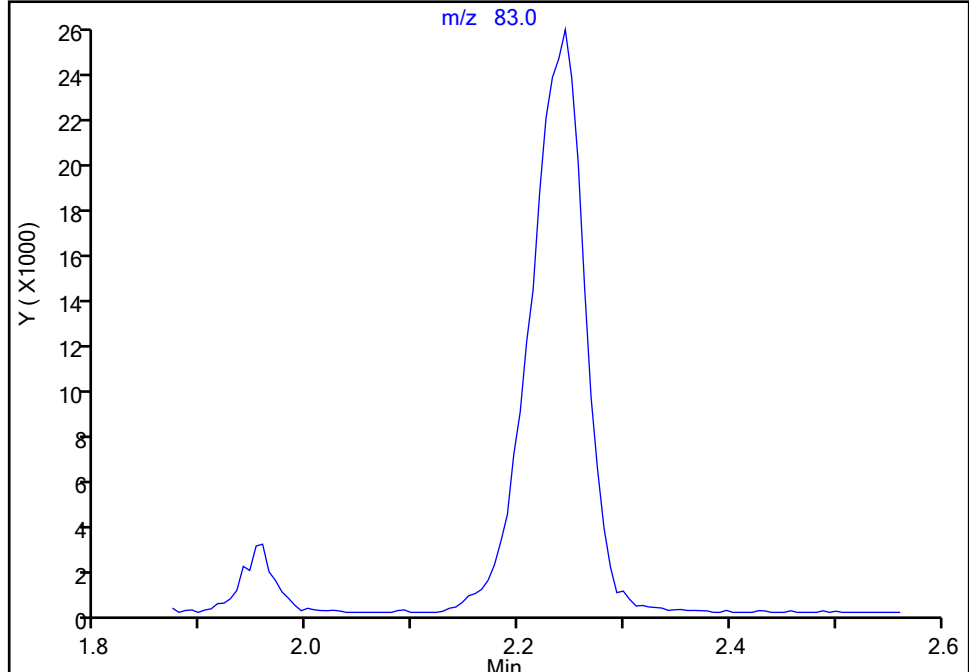
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

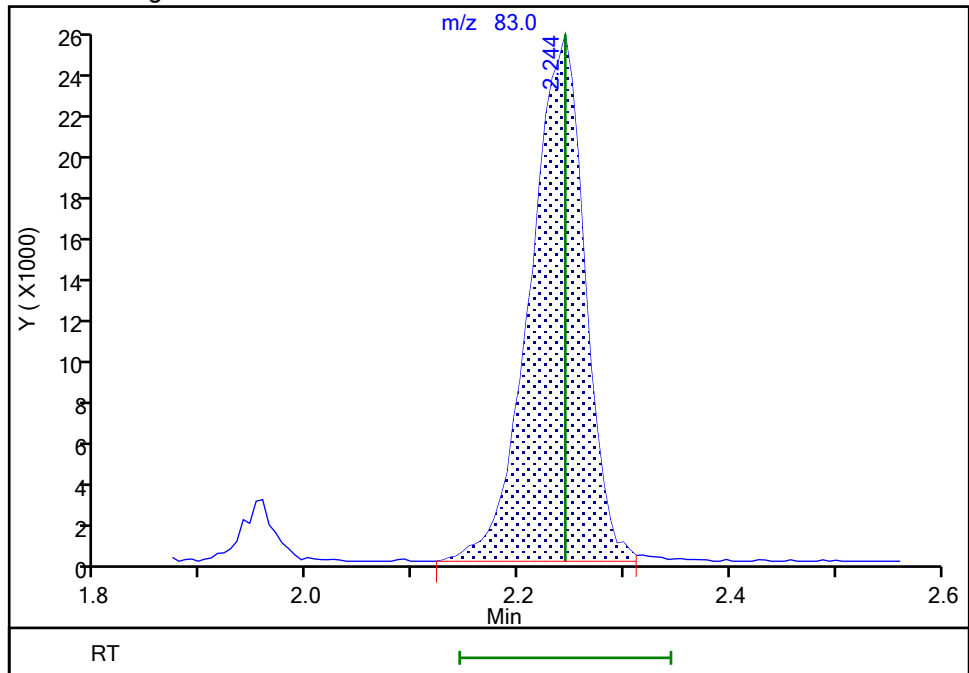
Expected RT: 2.24

Processing Integration Results



RT: 2.24
Area: 92235
Amount: 19.649737
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:52:49

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

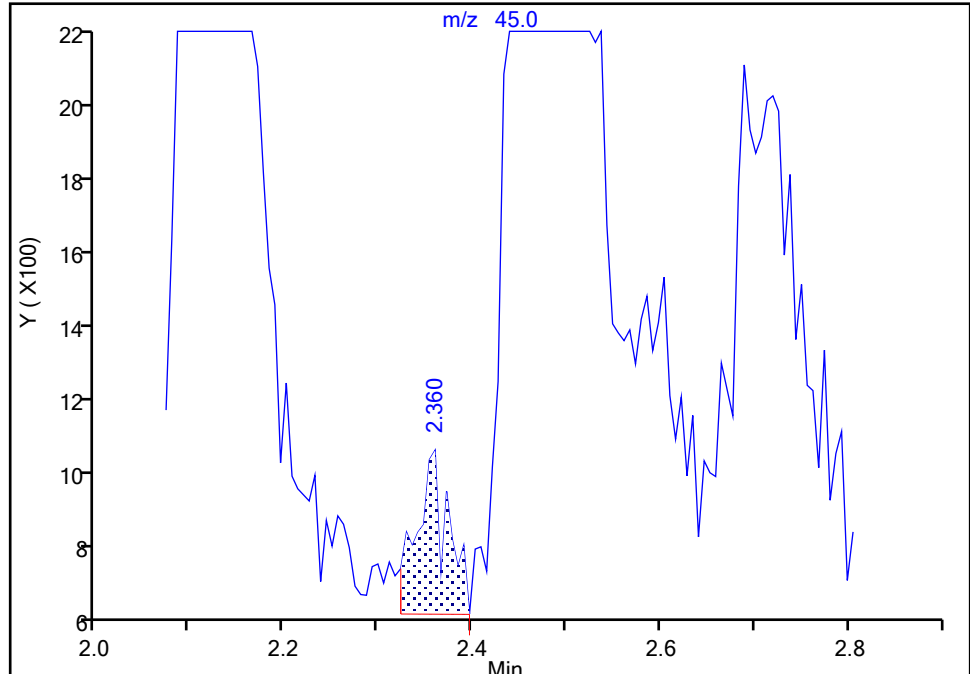
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

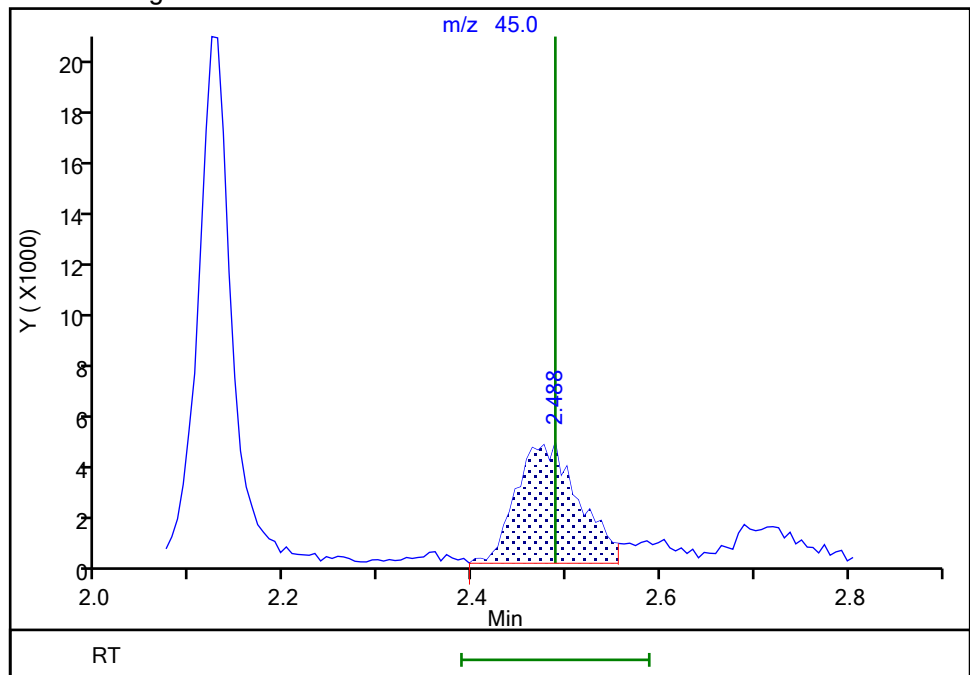
RT: 2.36
Area: 988
Amount: 41.677552
Amount Units: ug/l

Processing Integration Results



RT: 2.49
Area: 20629
Amount: 206.5365
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:53:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D
Injection Date: 15-Oct-2022 03:28:30 Instrument ID: CVOAMS17
Lims ID: STD20
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

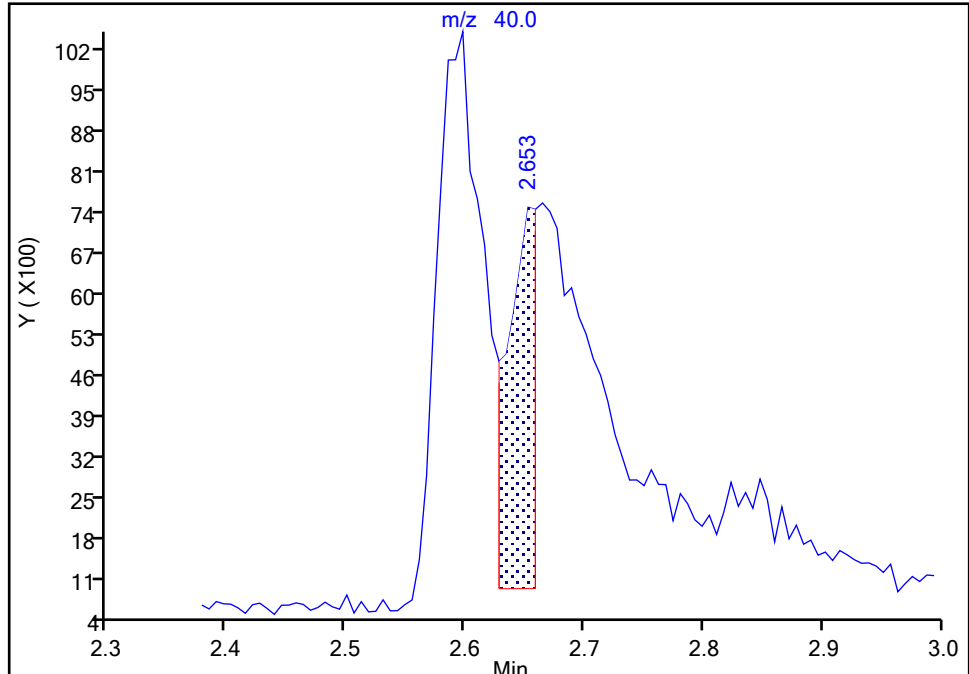
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

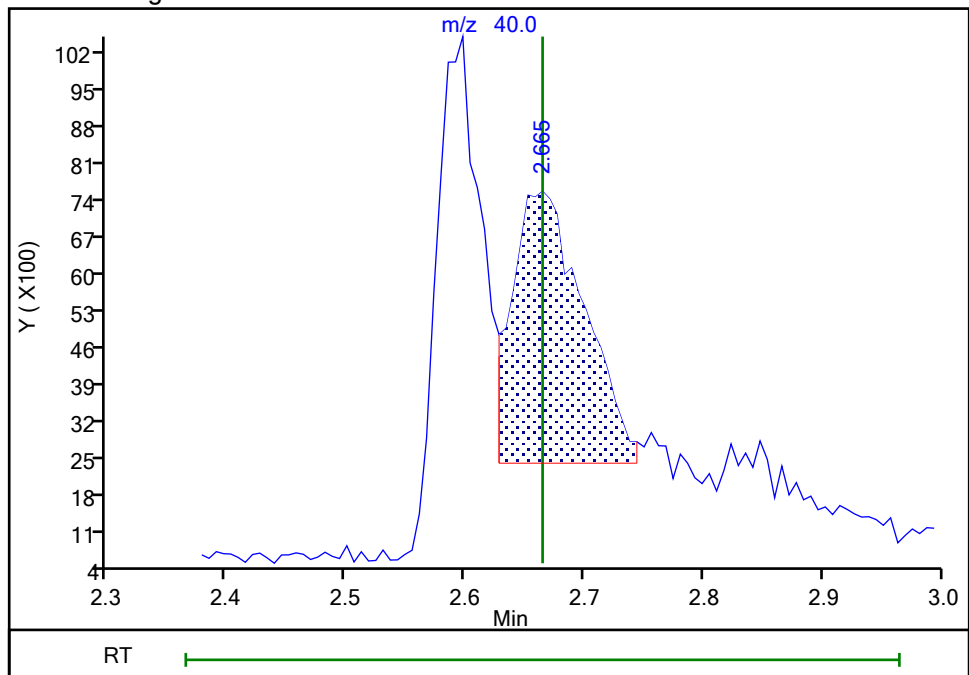
RT: 2.65
Area: 11409
Amount: 109.1499
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 21887
Amount: 192.3438
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:54:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

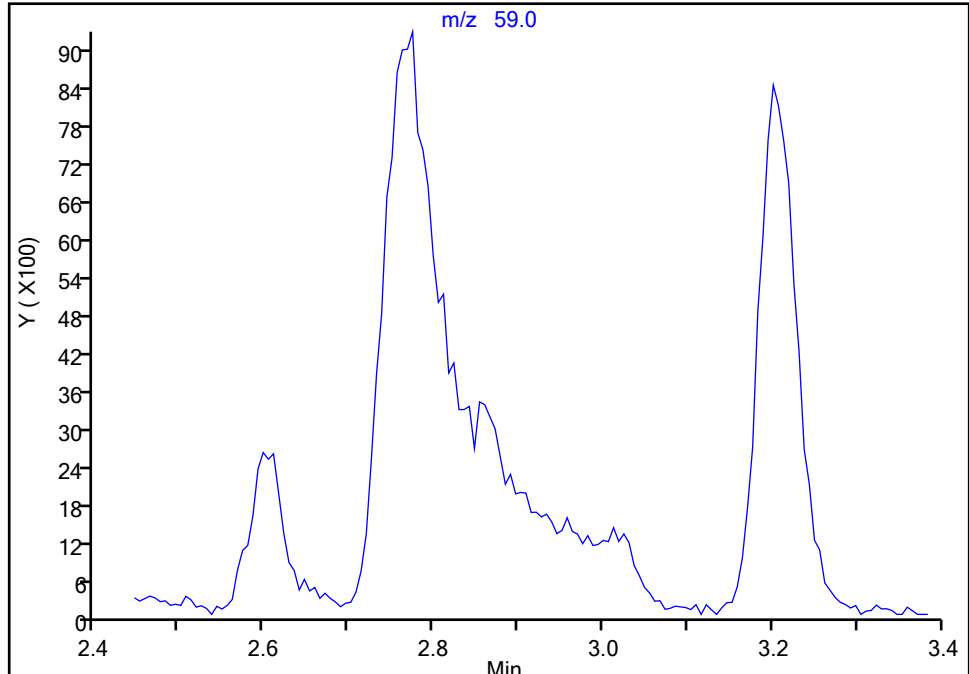
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

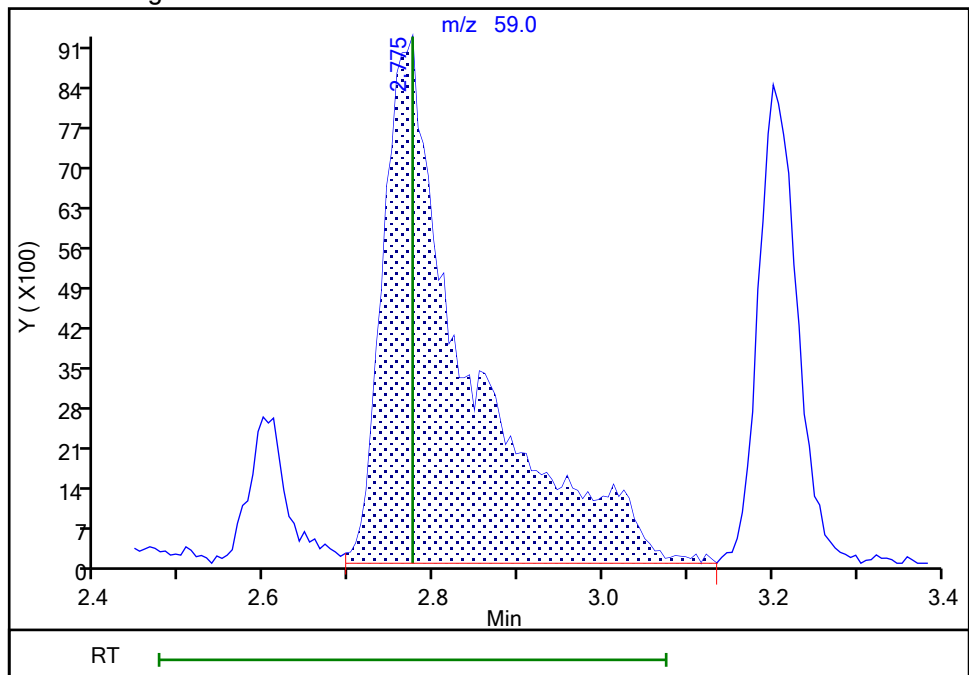
Not Detected

Expected RT: 2.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:54:11

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

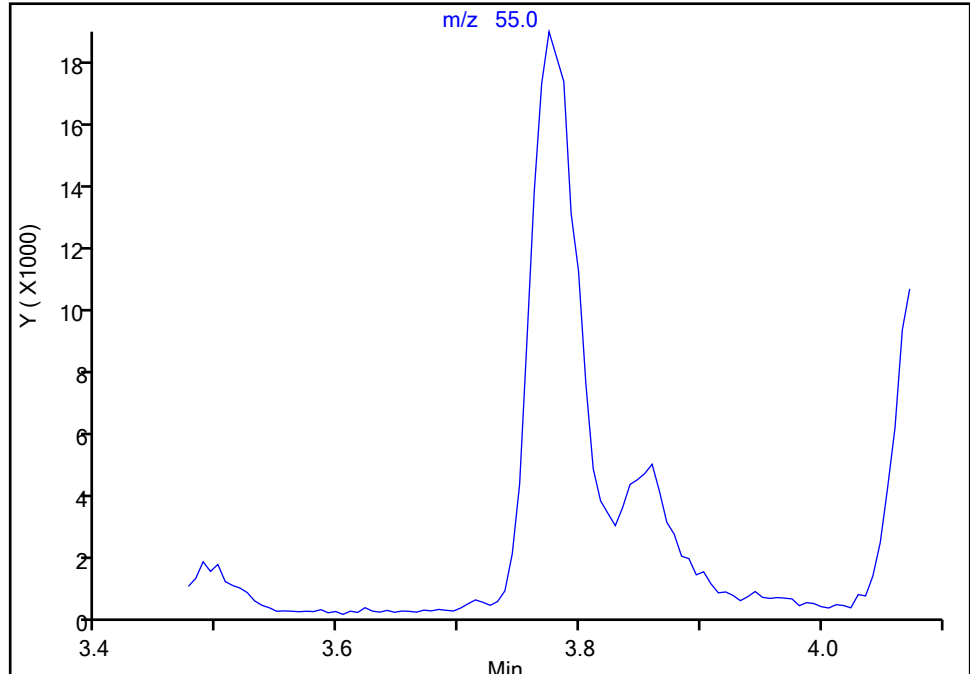
47 Methyl acrylate, CAS: 96-33-3

Signal: 1

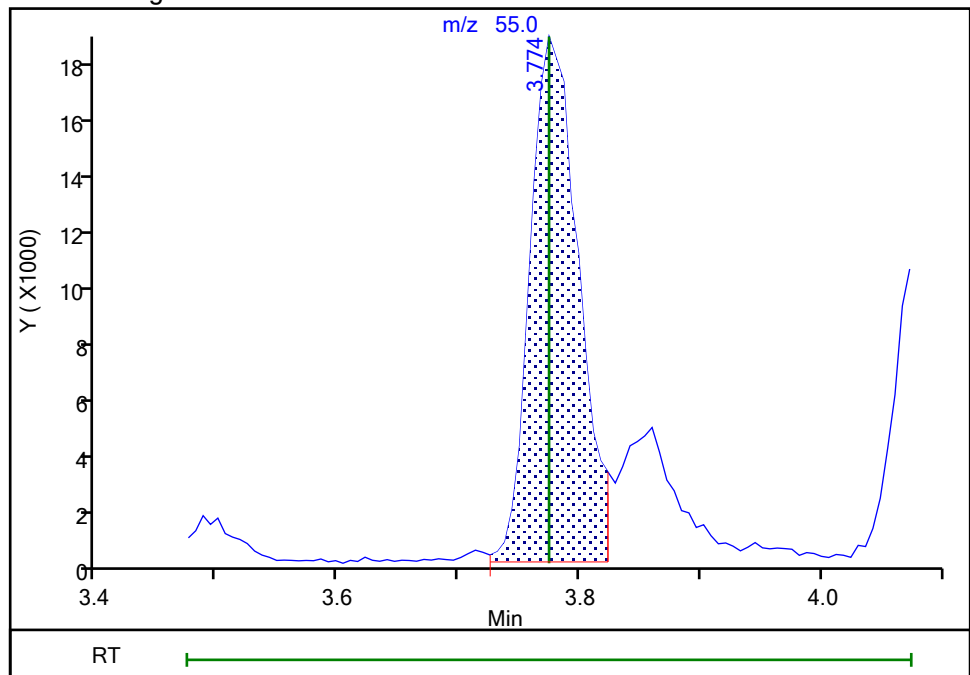
Not Detected

Expected RT: 3.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:54:23

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

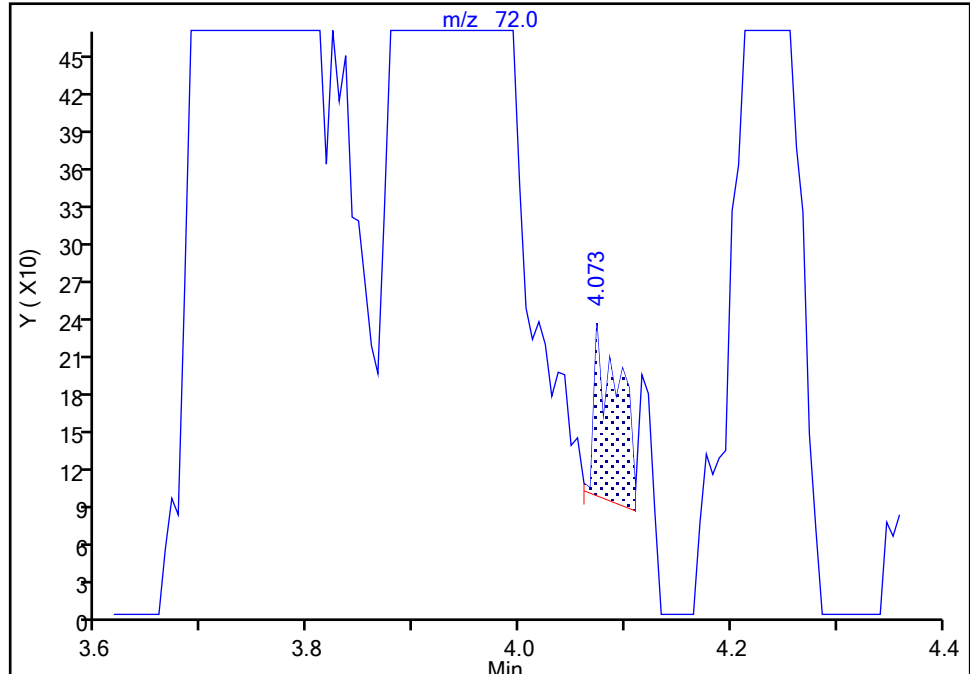
MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

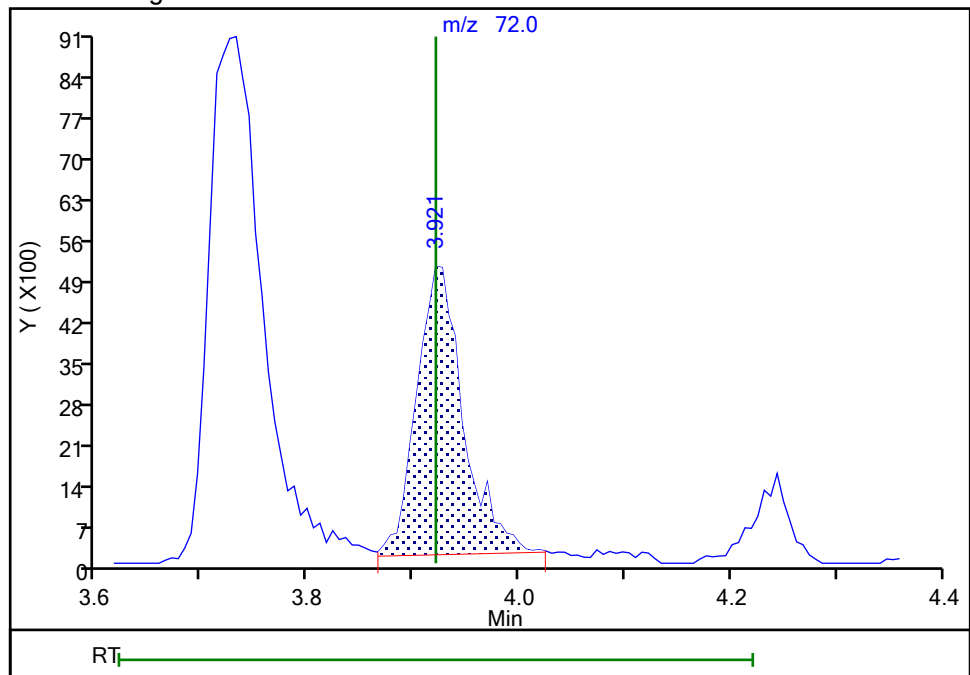
RT: 4.07
Area: 229
Amount: 0.592888
Amount Units: ug/l

Processing Integration Results



RT: 3.92
Area: 15175
Amount: 37.883690
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:54:29

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62099.D

Injection Date: 15-Oct-2022 03:28:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

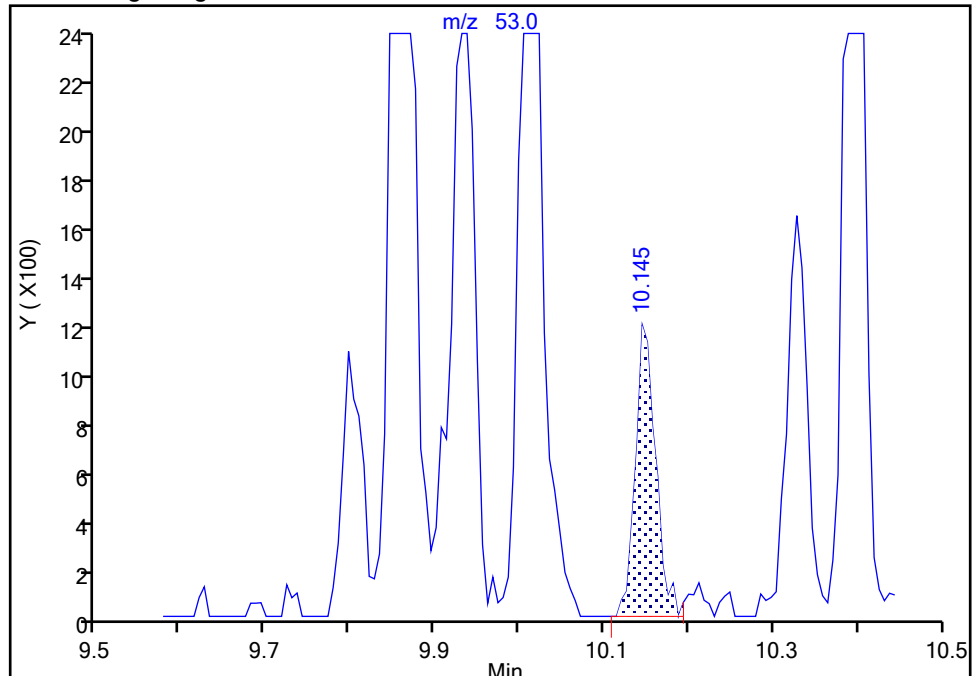
MS Quad

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

Signal: 1

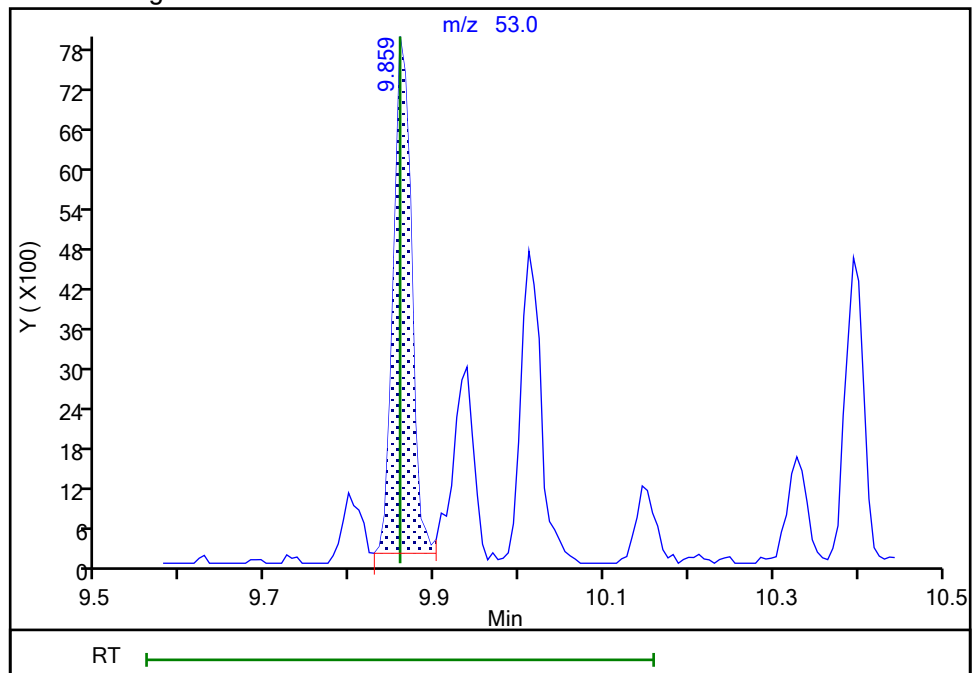
RT: 10.15
Area: 1950
Amount: 5.843858
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 11603
Amount: 17.888509
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:55:13

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 15-Oct-2022 03:48:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0151764-009
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:49 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:57:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.171	1.165	0.006	70	9936	50.0	45.6	a
3 Chlorotrifluoroethene	116	1.245	1.250	-0.005	92	50385	50.0	46.9	
2 1,1-Difluoroethane	65	1.251	1.257	-0.006	97	102096	50.0	56.3	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	56	122353	50.0	42.6	
5 Chlorodifluoromethane	67	1.281	1.293	-0.012	96	33513	50.0	57.7	a
6 Chloromethane	50	1.415	1.421	-0.006	99	208729	50.0	48.7	
7 Vinyl chloride	62	1.488	1.494	-0.006	98	167156	50.0	49.2	
8 Butadiene	54	1.501	1.507	-0.006	96	155889	50.0	47.8	
9 Bromomethane	94	1.738	1.744	-0.006	99	130075	50.0	53.7	
10 Chloroethane	64	1.787	1.787	0.000	100	107366	50.0	51.3	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	323003	50.0	53.8	
13 Pentane	72	1.952	1.958	-0.006	74	30606	100.0	100.2	
12 Trichlorofluoromethane	101	1.958	1.964	-0.006	93	174017	50.0	50.7	
15 Ethyl ether	74	2.116	2.122	-0.006	93	97124	50.0	56.3	
14 Ethanol	46	2.116	2.128	-0.012	79	13138	2000.0	2045.8	
16 2-Methyl-1,3-butadiene	53	2.135	2.141	-0.006	96	129692	50.0	52.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.183	2.189	-0.006	97	129790	50.0	52.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.244	-0.006	91	228321	50.0	53.7	a
19 Acrolein	56	2.275	2.287	-0.012	93	36711	100.0	115.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.293	2.299	-0.006	97	102474	50.0	47.0	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	97	145506	50.0	54.5	
22 Acetone	43	2.385	2.391	-0.005	89	215144	250.0	257.8	
23 Iodomethane	142	2.446	2.451	-0.005	98	285064	50.0	56.8	
24 Carbon disulfide	76	2.476	2.470	0.006	100	617981	50.0	54.5	
25 Isopropyl alcohol	45	2.470	2.488	-0.018	28	49543	500.0	561.7	a
26 3-Chloro-1-propene	76	2.580	2.586	-0.006	90	113418	50.0	53.8	
27 Methyl acetate	43	2.598	2.598	0.000	71	252872	100.0	114.3	
28 Cyclopentene	67	2.598	2.598	0.000	94	370046	50.0	54.4	
29 Acetonitrile	40	2.659	2.665	-0.006	94	61600	500.0	607.3	a
30 Methylene Chloride	84	2.696	2.701	-0.005	95	192824	50.0	56.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.696	2.720	-0.024	0	26937	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.769	2.775	-0.006	91	158743	500.0	555.3	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	98	488774	50.0	56.1	
34 trans-1,2-Dichloroethene	96	2.860	2.866	-0.006	97	169240	50.0	56.7	
35 Acrylonitrile	53	2.933	2.939	-0.006	95	626546	500.0	580.3	
36 Hexane	57	3.000	3.006	-0.006	95	130600	50.0	50.4	
37 Isopropyl ether	45	3.202	3.201	0.001	98	612923	50.0	57.4	
38 1,1-Dichloroethane	63	3.226	3.232	-0.006	99	320820	50.0	57.6	
39 Vinyl acetate	86	3.244	3.250	-0.006	100	40687	100.0	106.4	
40 2-Chloro-1,3-butadiene	88	3.262	3.268	-0.006	90	140426	50.0	55.1	
41 Tert-butyl ethyl ether	59	3.488	3.494	-0.006	88	543884	50.0	56.1	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	209636	250.0	250.0	
43 2,2-Dichloropropane	97	3.695	3.689	0.006	94	44711	50.0	55.7	
44 cis-1,2-Dichloroethene	96	3.708	3.707	0.001	95	189781	50.0	56.4	
45 2-Butanone (MEK)	72	3.726	3.732	-0.006	95	83416	250.0	271.8	
46 Ethyl acetate	70	3.726	3.732	-0.006	95	31781	100.0	110.4	
47 Methyl acrylate	55	3.775	3.774	0.001	99	130219	50.0	52.0	a
48 Propionitrile	54	3.854	3.860	-0.006	99	211831	500.0	570.6	
50 Tetrahydrofuran	72	3.915	3.921	-0.006	49	40844	100.0	114.4	
49 Chlorobromomethane	128	3.915	3.921	-0.006	90	91117	50.0	57.0	
51 Methacrylonitrile	67	3.939	3.945	-0.006	93	638137	500.0	541.5	
52 Chloroform	83	3.970	3.969	0.001	99	292769	50.0	56.6	
53 Cyclohexane	84	4.079	4.085	-0.006	93	181682	50.0	51.0	
54 1,1,1-Trichloroethane	97	4.098	4.104	-0.006	98	237871	50.0	56.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	91257	50.0	49.4	
56 Carbon tetrachloride	117	4.207	4.213	-0.006	98	192285	50.0	56.0	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	97	216996	50.0	56.8	
58 Isobutyl alcohol	43	4.390	4.396	-0.006	92	205551	1250.0	1374.6	a
59 Isooctane	57	4.396	4.402	-0.006	96	334998	50.0	41.2	
60 Benzene	78	4.421	4.421	0.000	96	679345	50.0	57.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.439	4.445	-0.006	0	100017	50.0	48.9	
62 Tert-amyl methyl ether	73	4.488	4.494	-0.006	87	589647	50.0	56.4	
63 Isopropyl acetate	61	4.500	4.494	0.006	96	86125	50.0	54.4	
64 1,2-Dichloroethane	62	4.512	4.518	-0.006	96	200526	50.0	55.8	
65 n-Heptane	100	4.573	4.579	-0.006	96	20076	50.0	48.9	
* 66 Fluorobenzene	96	4.701	4.701	0.000	99	359440	50.0	50.0	
67 n-Butanol	56	5.012	5.024	-0.012	89	68644	1250.0	1422.5	
68 Trichloroethene	95	5.030	5.036	-0.006	99	167099	50.0	55.7	
69 Methylcyclohexane	83	5.146	5.146	0.000	97	184306	50.0	47.7	
70 Ethyl acrylate	99	5.165	5.152	0.013	98	17011	50.0	52.7	a
71 1,2-Dichloropropane	63	5.311	5.311	0.000	94	179945	50.0	56.8	
* 72 1,4-Dioxane-d8	96	5.372	5.384	-0.012	0	13411	1000.0	1000.0	
73 Methyl methacrylate	100	5.396	5.396	0.000	93	70322	100.0	109.1	
75 1,4-Dioxane	88	5.427	5.433	-0.006	40	21438	1000.0	1224.0	
74 Dibromomethane	93	5.433	5.433	0.000	99	96221	50.0	54.2	
76 n-Propyl acetate	43	5.451	5.457	-0.006	99	206012	50.0	54.9	
77 Dichlorobromomethane	83	5.585	5.585	0.000	100	211522	50.0	55.7	
78 2-Nitropropane	41	5.914	5.914	0.000	80	66162	100.0	99.6	
79 2-Chloroethyl vinyl ether	63	5.920	5.920	0.000	85	95261	50.1	54.9	
80 Epichlorohydrin	57	6.018	6.018	0.000	100	270420	1000.0	1149.9	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	93	239106	50.0	56.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.237	6.237	0.000	97	331023	250.0	285.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	99	326043	50.0	50.1	
84 Toluene	91	6.372	6.371	0.001	94	643897	50.0	56.4	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	95	199674	50.0	56.1	
86 Ethyl methacrylate	69	6.768	6.768	0.000	91	200097	50.0	58.2	
87 1,1,2-Trichloroethane	83	6.932	6.932	0.000	98	115939	50.0	55.2	
88 Tetrachloroethene	166	6.963	6.963	0.000	96	140635	50.0	55.7	
89 1,3-Dichloropropane	76	7.134	7.133	0.001	95	218533	50.0	56.1	
90 2-Hexanone	43	7.213	7.213	0.000	97	491946	250.0	285.7	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	249824	50.0	56.7	
92 Chlorodibromomethane	129	7.353	7.353	0.000	99	143778	50.0	55.8	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	127873	50.0	56.5	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	88	242504	50.0	50.0	
95 Chlorobenzene	112	8.073	8.072	0.000	94	394138	50.0	56.8	
96 Ethylbenzene	106	8.182	8.182	0.000	98	227140	50.0	56.8	
97 1,1,1,2-Tetrachloroethane	131	8.201	8.200	0.001	97	157801	50.0	57.0	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	278975	50.0	57.9	
99 o-Xylene	106	8.859	8.859	0.000	94	302720	50.0	58.4	
100 n-Butyl acrylate	73	8.871	8.871	0.000	97	125486	50.0	56.4	
101 Styrene	104	8.896	8.895	0.001	95	452167	50.0	59.1	
102 Bromoform	173	9.152	9.151	0.001	97	94490	50.0	55.2	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	90	322630	50.0	59.8	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	746009	50.0	59.2	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	91	96456	50.0	50.5	
106 Bromobenzene	156	9.700	9.700	0.000	99	172741	50.0	57.5	
107 1,1,2,2-Tetrachloroethane	83	9.786	9.785	0.001	99	183596	50.0	55.7	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	899327	50.0	58.0	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	98	47901	50.0	54.1	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	90	31237	50.0	53.9	a
111 2-Chlorotoluene	91	9.914	9.913	0.001	96	606954	50.0	57.2	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	721061	50.0	57.0	
113 1,3,5-Trimethylbenzene	105	10.011	10.017	-0.006	92	633256	50.0	57.7	
114 4-Chlorotoluene	91	10.042	10.041	0.001	98	572325	50.0	57.5	
115 Butyl Methacrylate	87	10.151	10.151	0.000	91	235772	50.0	60.2	
116 tert-Butylbenzene	119	10.328	10.328	0.000	94	499918	50.0	58.2	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	98	673403	50.0	59.0	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	811700	50.0	58.3	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	96	334834	50.0	57.2	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	682764	50.0	58.7	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	95	133851	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	95	333740	50.0	56.3	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	98	697035	50.0	57.8	
124 Benzyl chloride	91	10.926	10.925	0.001	99	216387	50.0	56.6	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	94	669815	50.0	57.6	
126 p-Diethylbenzene	119	11.054	11.053	0.001	93	362139	50.0	56.7	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	365713	50.0	58.3	
128 1,2-Dichlorobenzene	146	11.121	11.121	0.000	97	346520	50.0	57.8	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	97	684727	50.0	58.3	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	98	39750	50.0	53.5	
131 1,3,5-Trichlorobenzene	180	11.932	11.931	0.001	97	277175	50.0	56.4	
132 1,2,4-Trichlorobenzene	180	12.438	12.437	0.001	94	266723	50.0	57.4	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	97	104295	50.0	55.2	
134 Naphthalene	128	12.626	12.626	0.000	99	674588	50.0	57.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	260946	50.0	58.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	113.1	
S 137 Xylenes, Total	100				0		100.0	116.2	
S 139 1,3-Dichloropropene, Total	1				0		100.0	112.5	
S 140 Total BTEX	1				0		250.0	287.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524freon_00058	Amount Added: 50.00	Units: uL	
ACROLEIN W_00145	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00160	Amount Added: 50.00	Units: uL	
GASES Li_00498	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

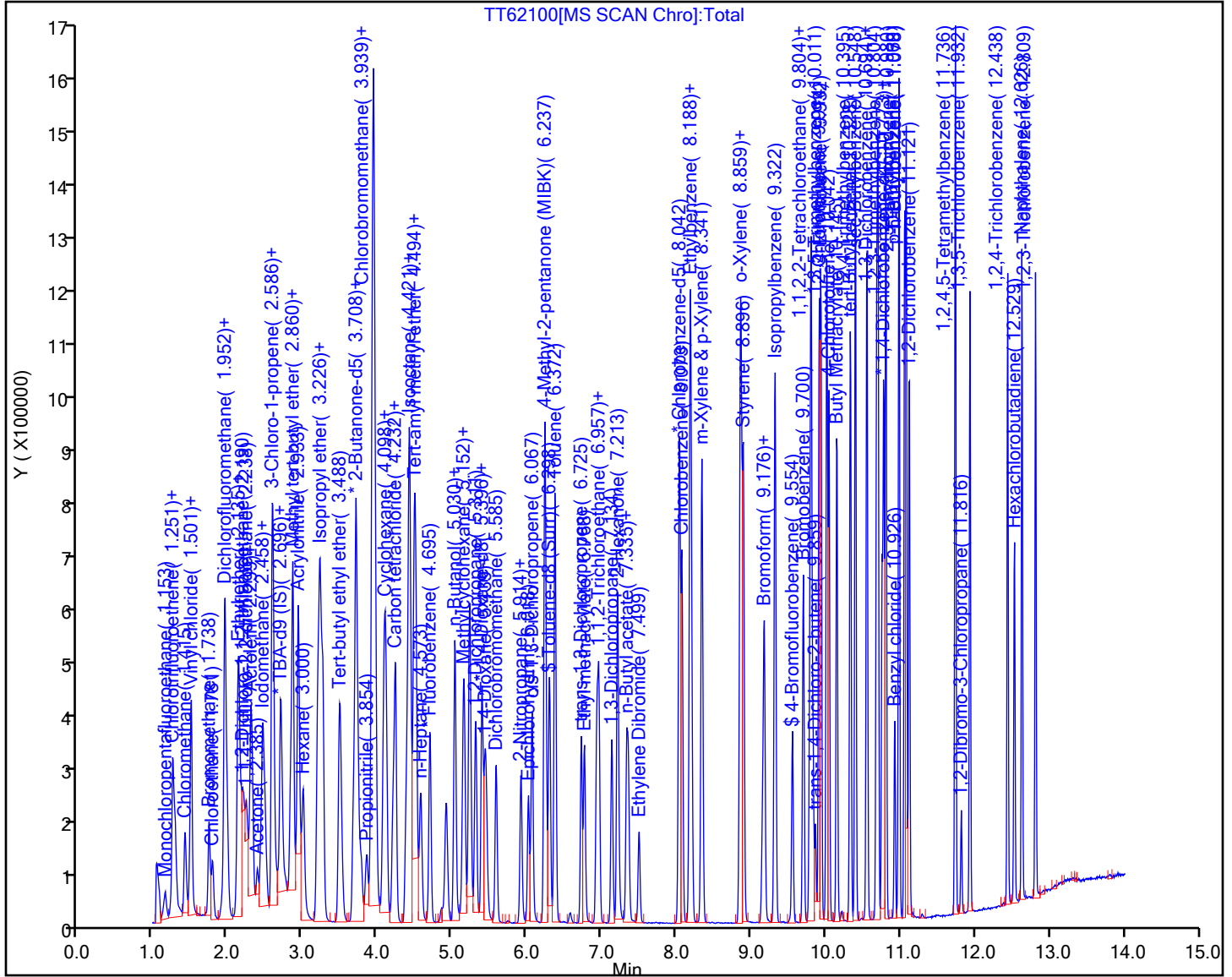
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

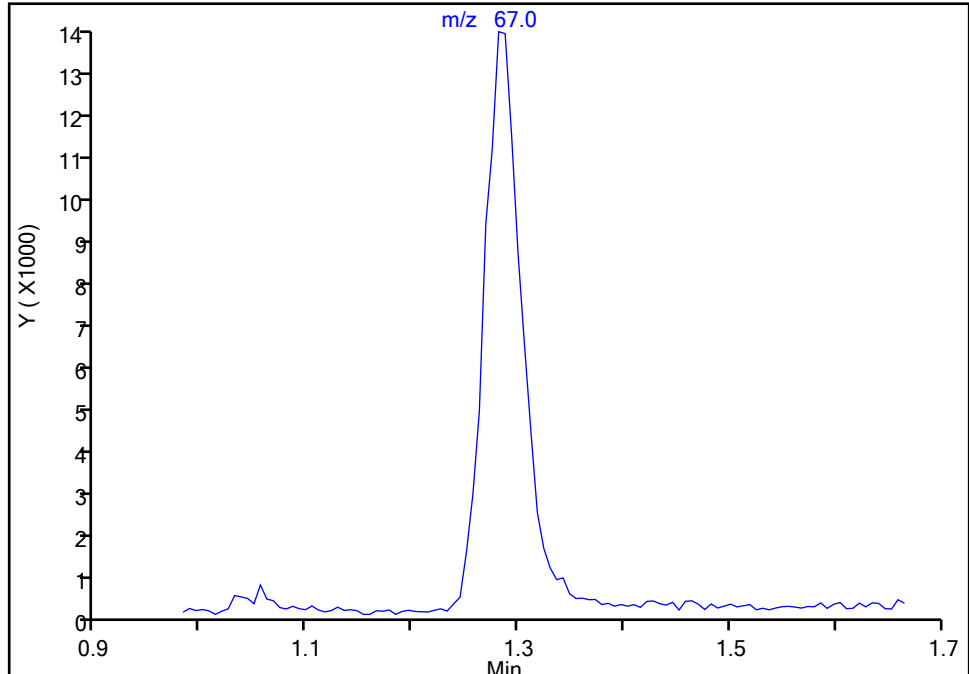
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

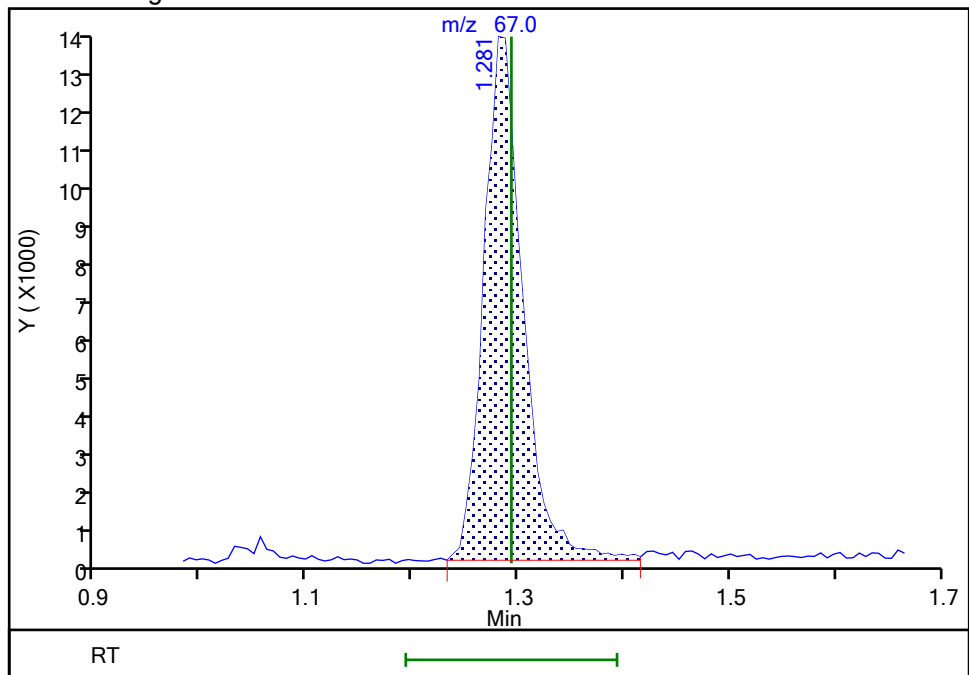
Not Detected

Expected RT: 1.29

Processing Integration Results



Manual Integration Results



RT: 1.28

Area: 33513

Amount: 57.668395

Amount Units: ug/l

Reviewer: W9CM, 15-Oct-2022 10:55:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

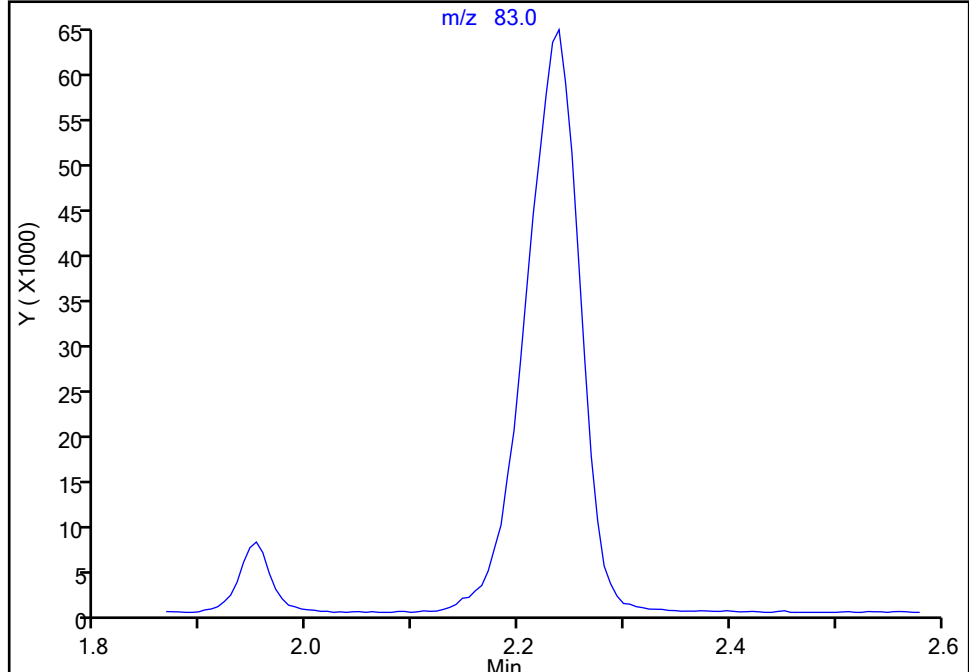
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

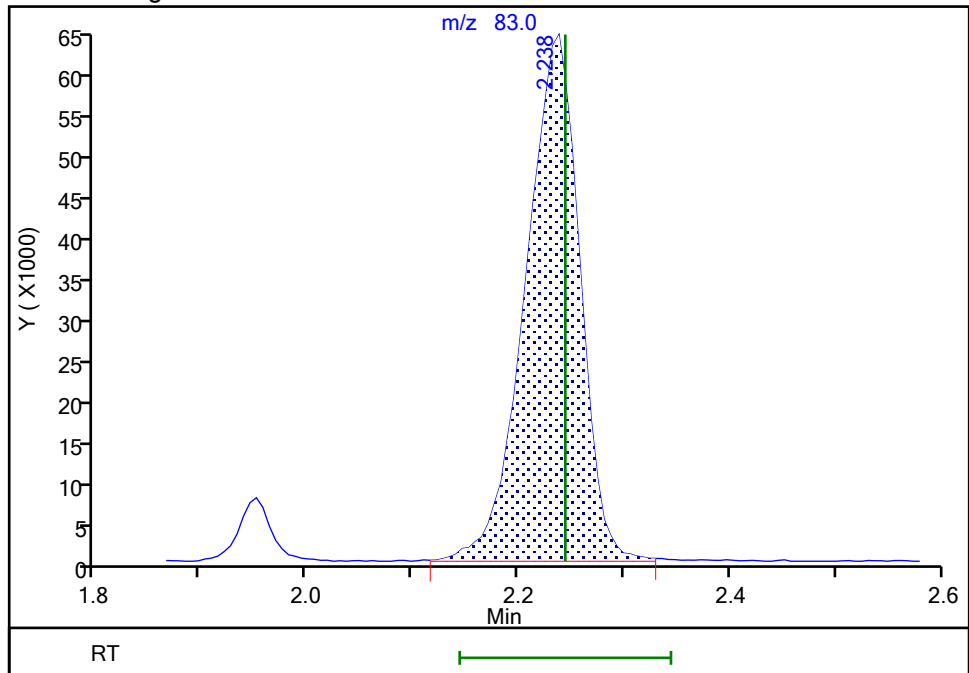
Expected RT: 2.24

Processing Integration Results



RT: 2.24
Area: 228321
Amount: 53.702805
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:56:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

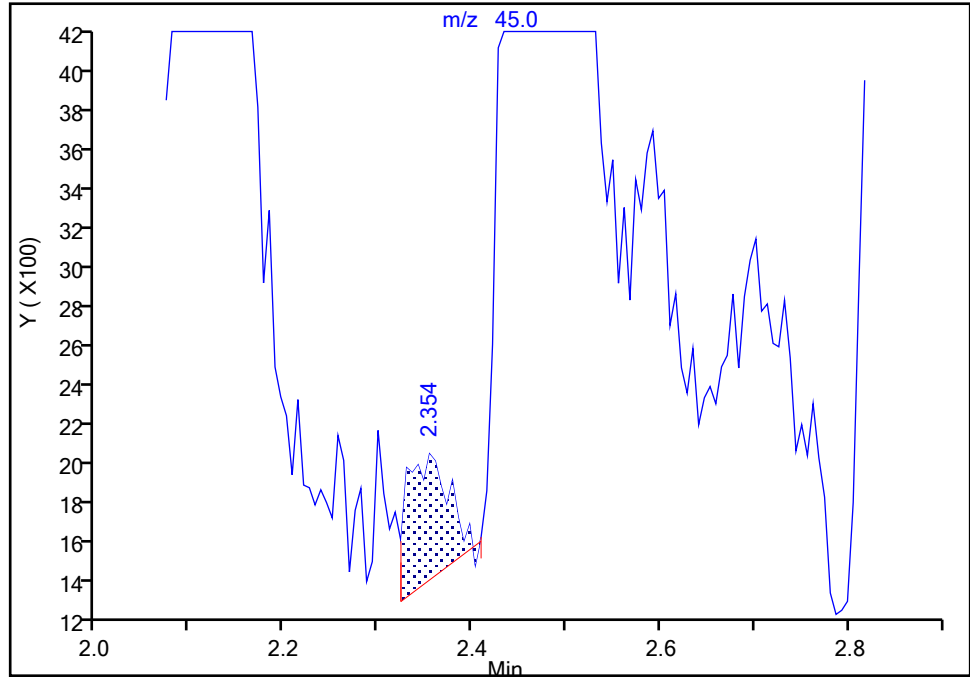
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

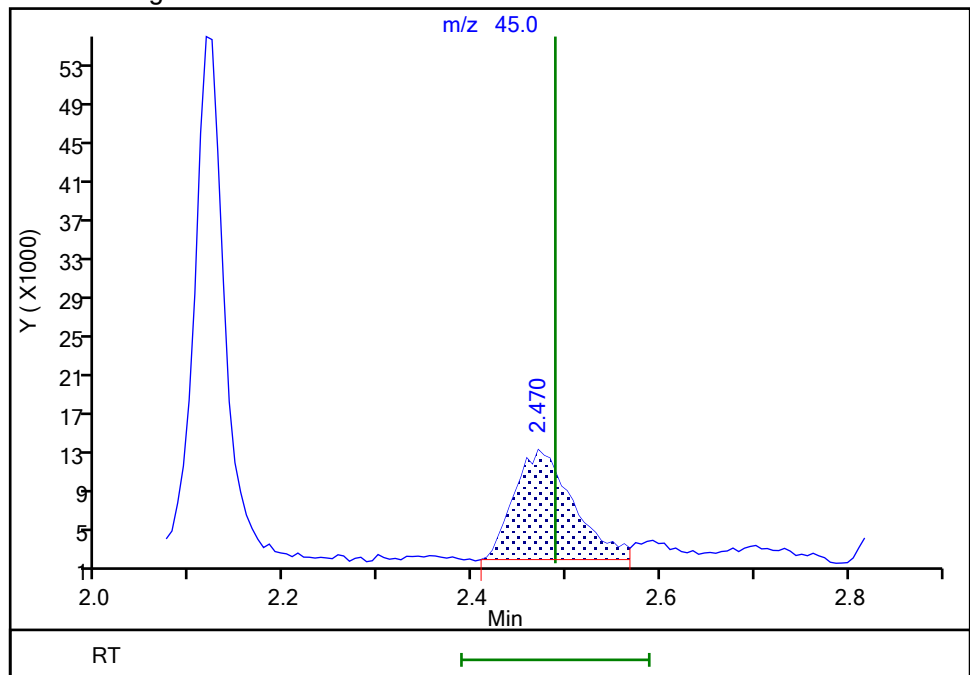
RT: 2.35
Area: 1916
Amount: 44.957228
Amount Units: ug/l

Processing Integration Results



RT: 2.47
Area: 49543
Amount: 561.6501
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:56:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

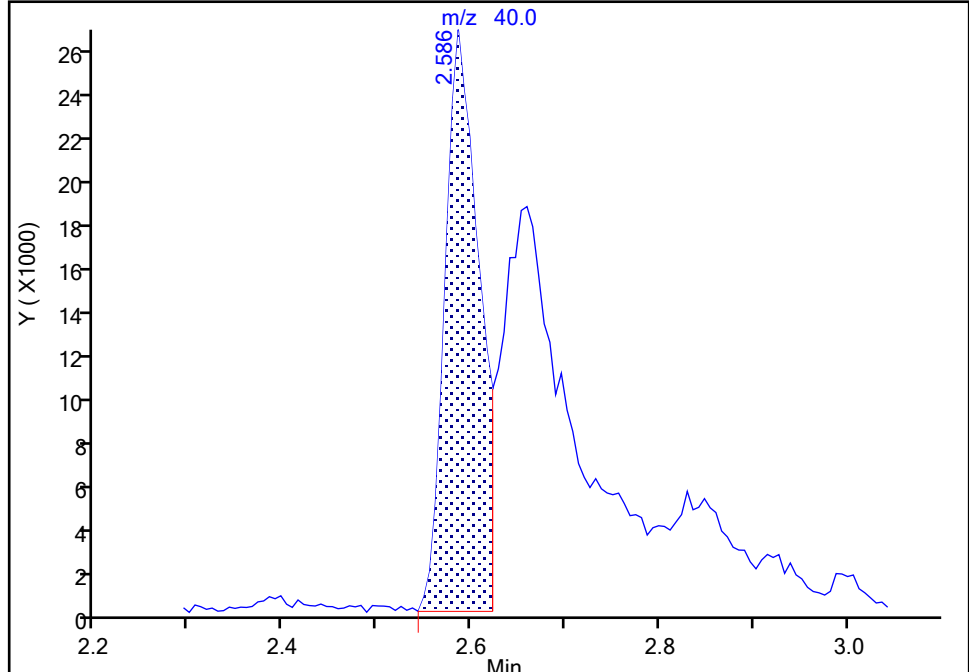
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

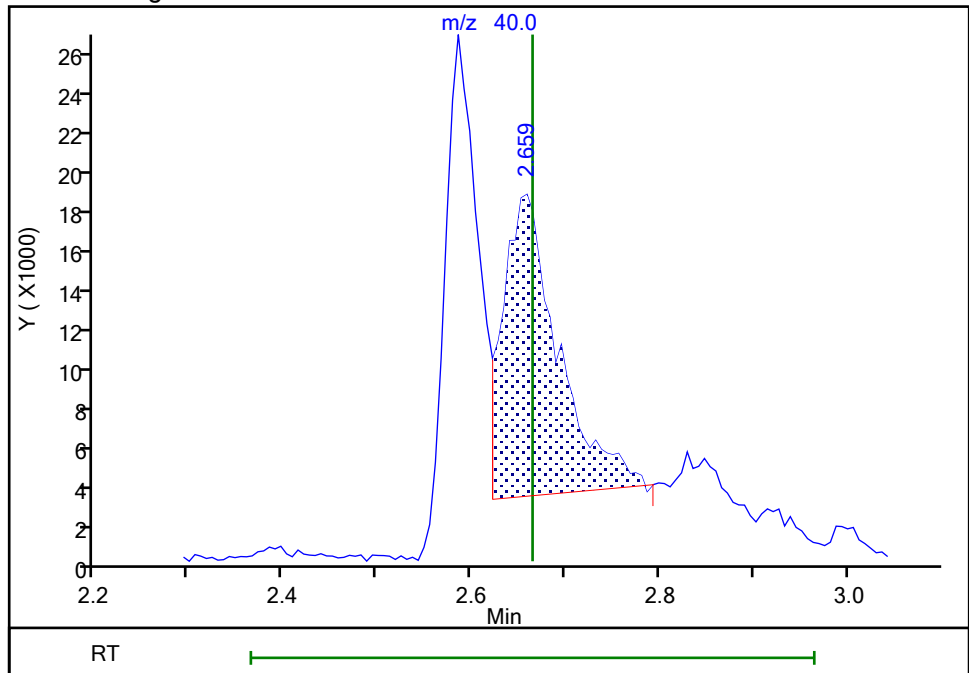
RT: 2.59
Area: 66424
Amount: 693.9513
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 61600
Amount: 607.2643
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:56:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

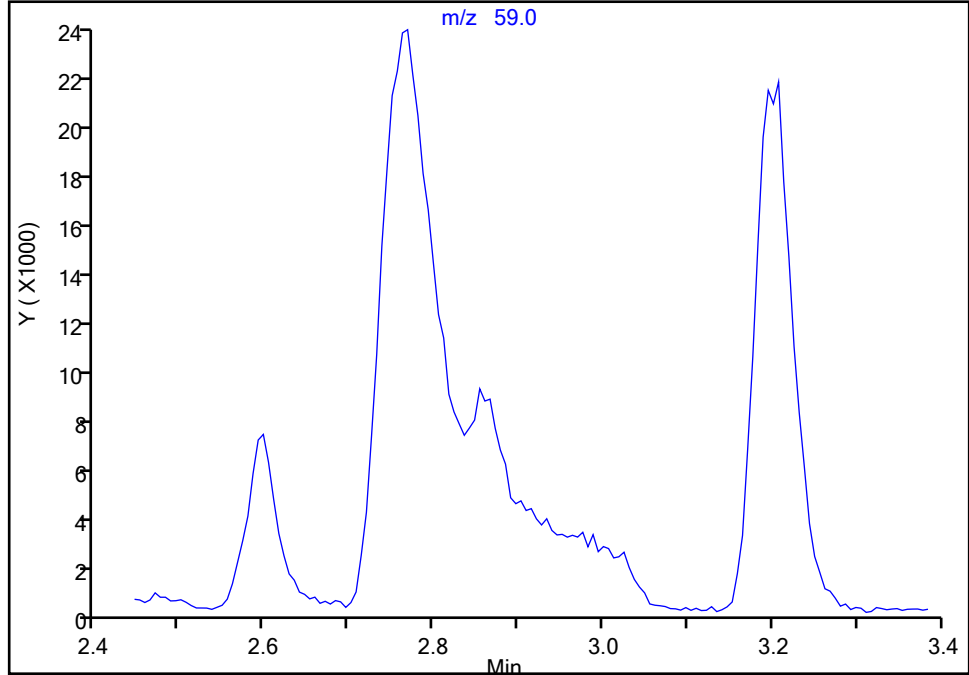
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

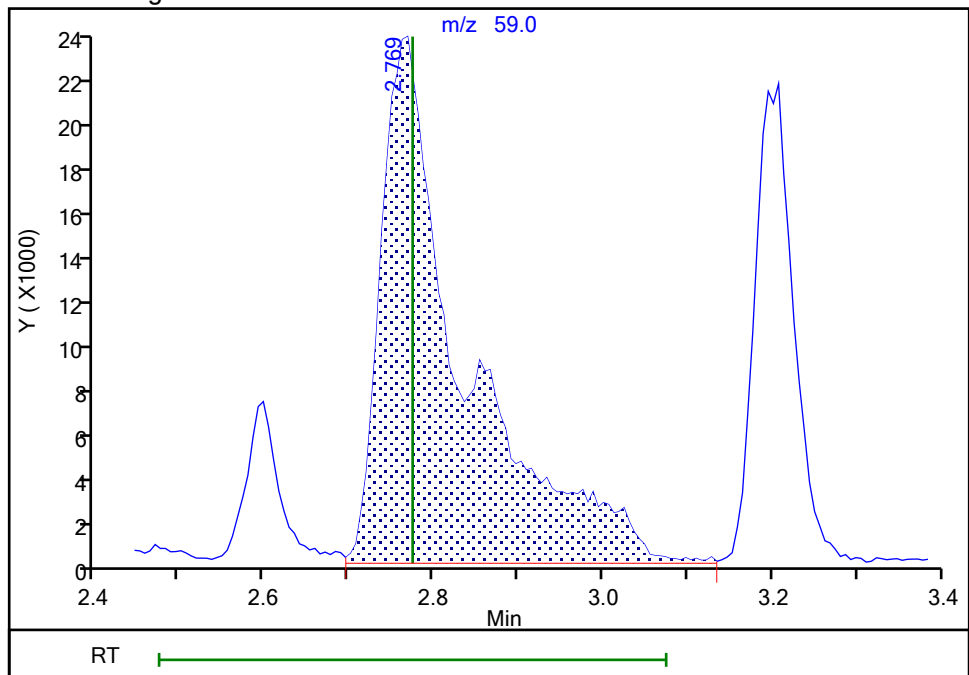
Not Detected

Expected RT: 2.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:56:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

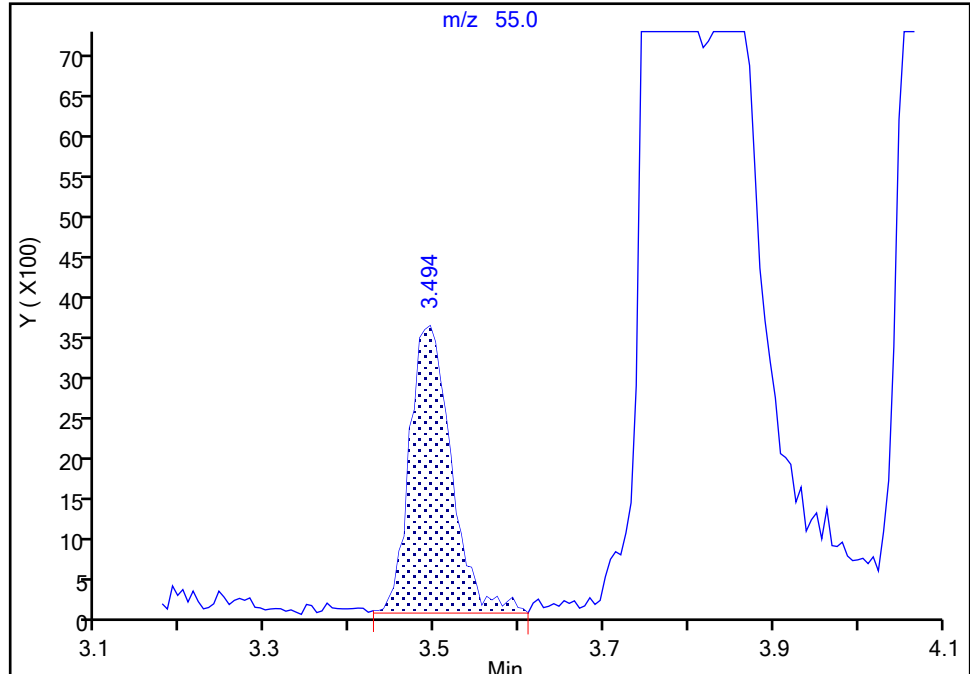
MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

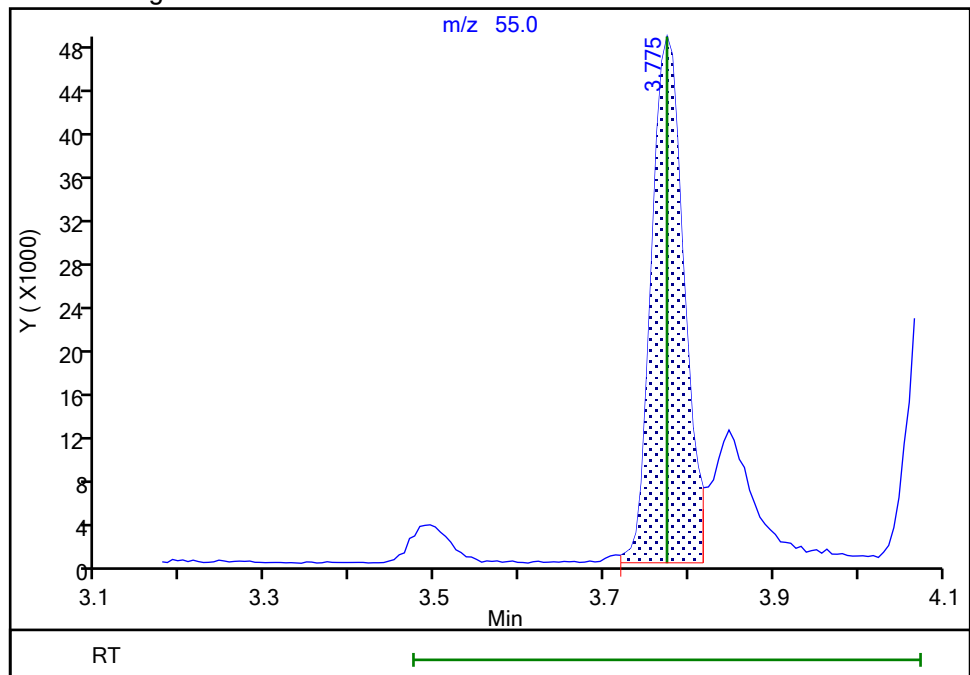
RT: 3.49
Area: 12022
Amount: 5.410153
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 130219
Amount: 51.963209
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:10:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

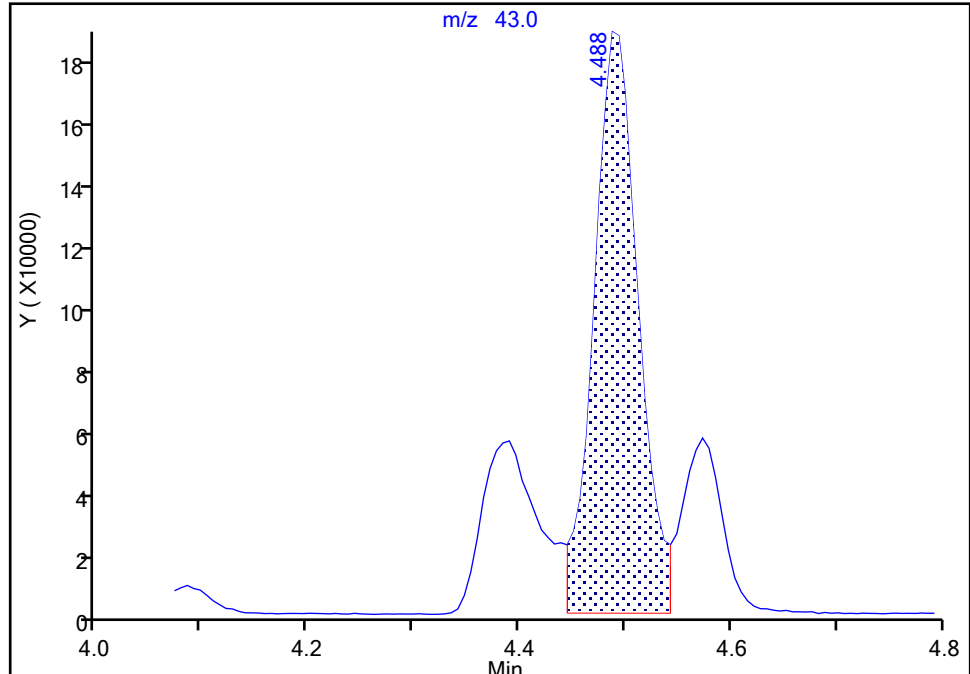
MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

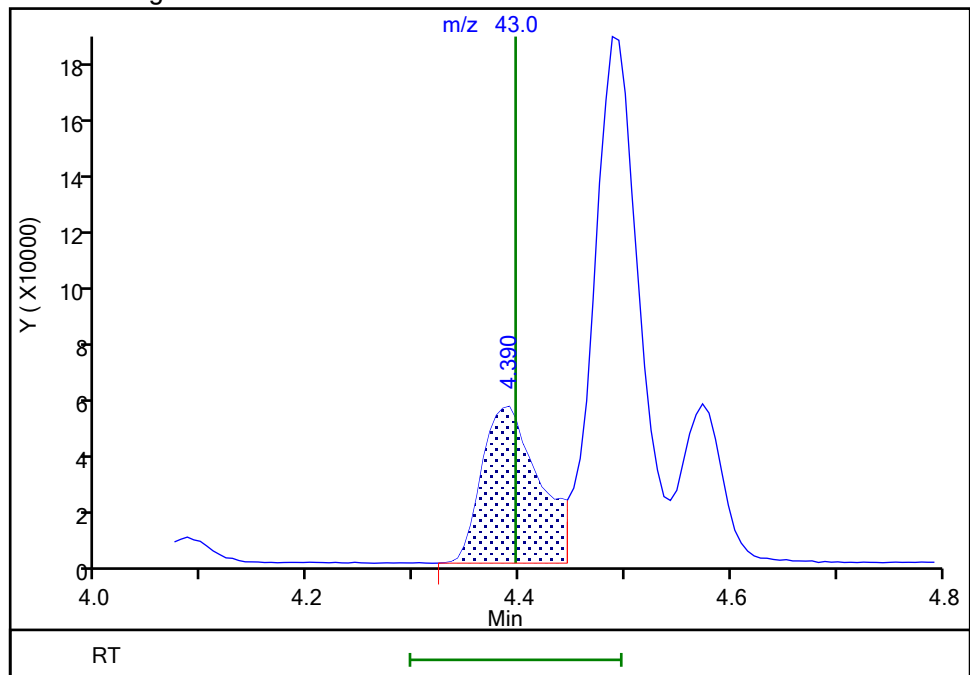
RT: 4.49
Area: 534075
Amount: 2853.5341
Amount Units: ug/l

Processing Integration Results



RT: 4.39
Area: 205551
Amount: 1374.5855
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:10:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

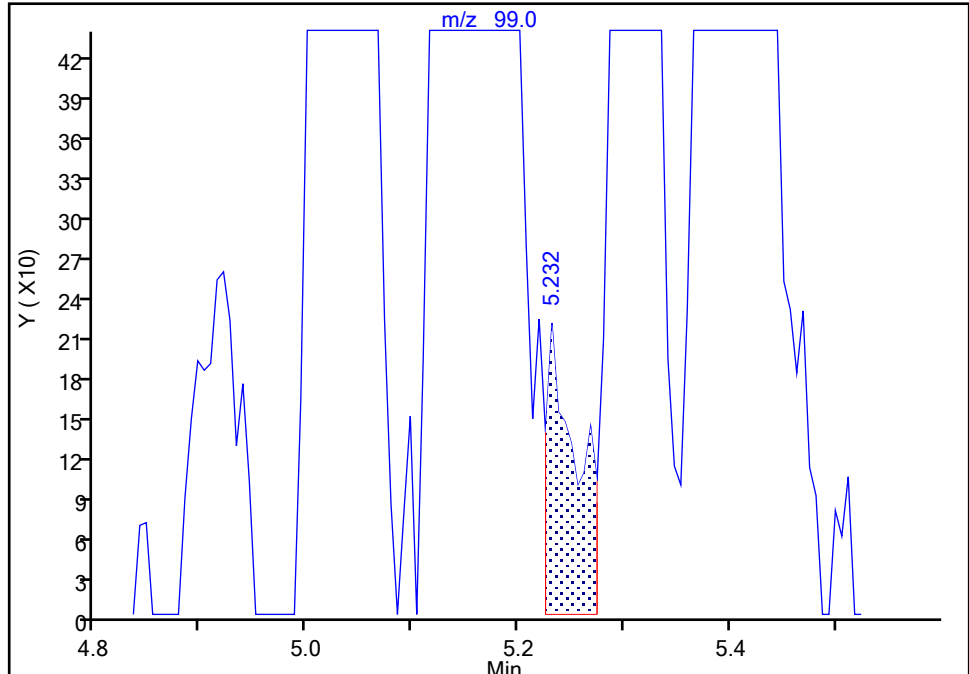
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

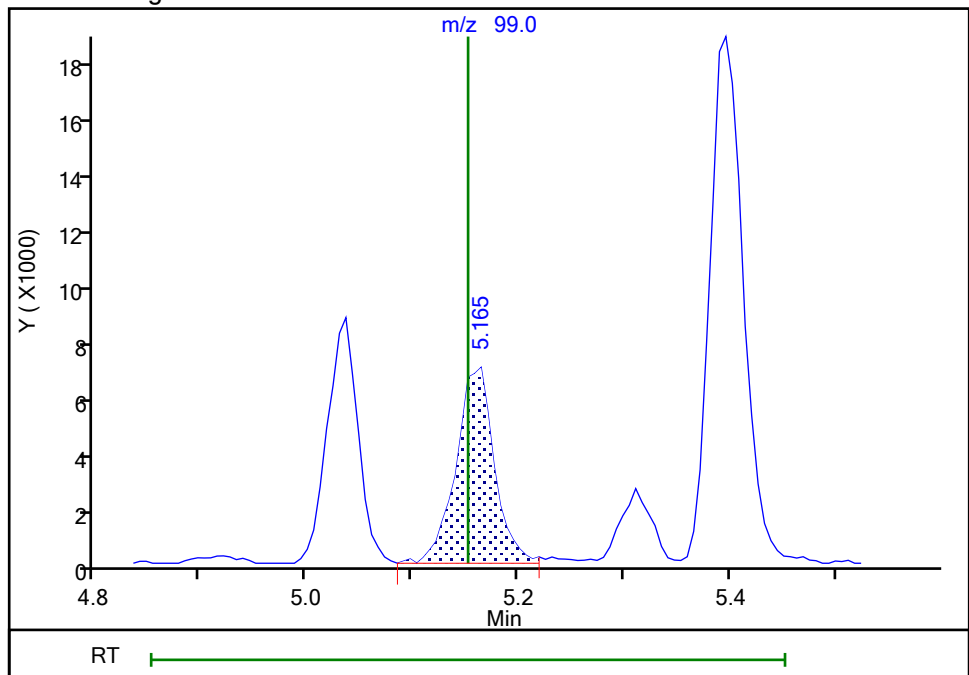
RT: 5.23
Area: 442
Amount: 1.651021
Amount Units: ug/l

Processing Integration Results



RT: 5.16
Area: 17011
Amount: 52.674902
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:56:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62100.D

Injection Date: 15-Oct-2022 03:48:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

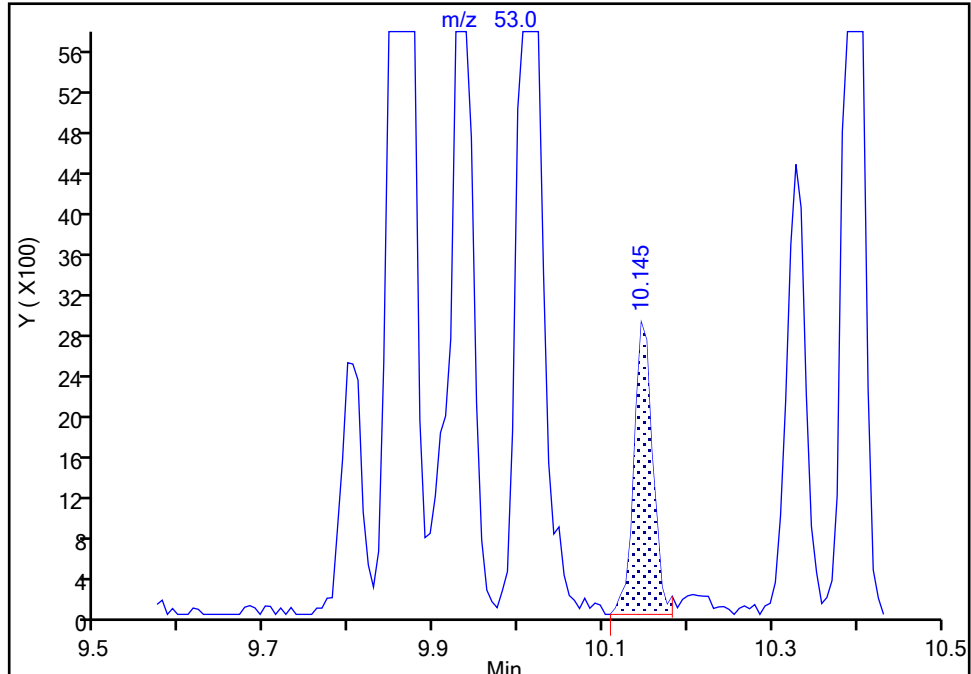
MS Quad

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

Signal: 1

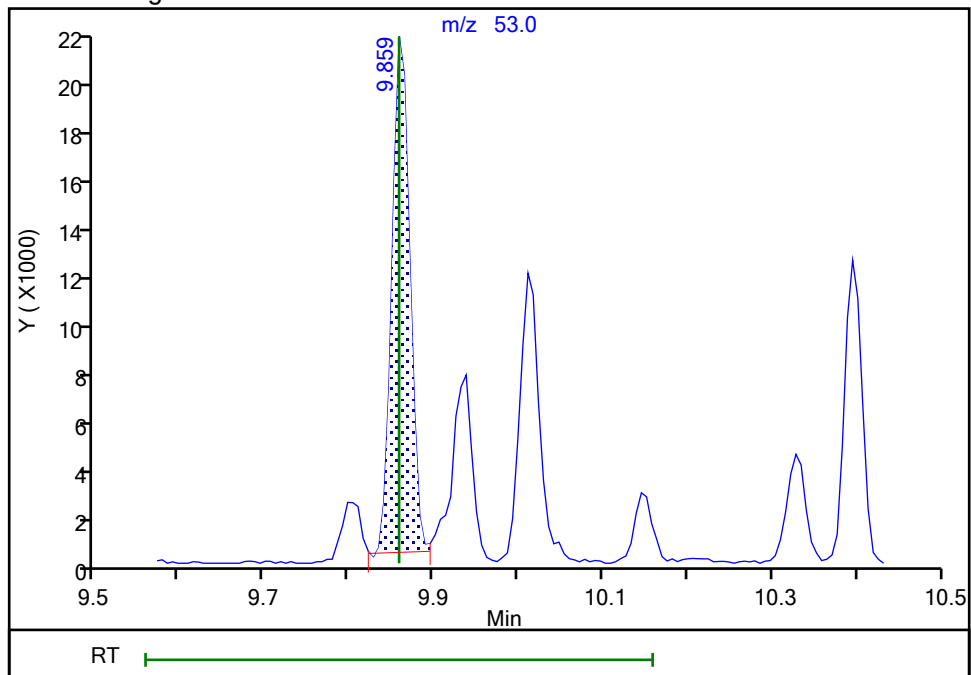
RT: 10.15
Area: 4453
Amount: 12.370968
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 31237
Amount: 53.868423
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:57:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 15-Oct-2022 04:09:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0151764-010
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:52:57 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 10:59:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.165	0.000	78	55487	200.0	209.8	
3 Chlorotrifluoroethene	116	1.244	1.250	-0.006	95	248518	200.0	190.8	
2 1,1-Difluoroethane	65	1.257	1.257	0.000	98	401329	200.0	182.4	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	97	756793	200.0	217.1	
5 Chlorodifluoromethane	67	1.287	1.293	-0.006	96	135205	200.0	196.5	a
6 Chloromethane	50	1.415	1.421	-0.006	99	1058129	200.0	203.6	
7 Vinyl chloride	62	1.488	1.494	-0.006	98	828272	200.0	201.1	
8 Butadiene	54	1.500	1.507	-0.007	96	776476	200.0	201.1	
9 Bromomethane	94	1.738	1.744	-0.006	99	617055	200.0	200.6	
10 Chloroethane	64	1.787	1.787	0.000	99	494268	200.0	186.1	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	1395830	200.0	191.6	
13 Pentane	72	1.958	1.958	0.000	97	146760	400.0	368.5	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	98	827566	200.0	198.6	
15 Ethyl ether	74	2.116	2.122	-0.006	93	371632	200.0	177.6	
14 Ethanol	46	2.116	2.128	-0.012	78	59595	8000.0	7450.2	
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	96	522508	200.0	173.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.189	2.189	0.000	88	540079	200.0	181.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.244	-0.006	92	933507	200.0	181.0	a
19 Acrolein	56	2.275	2.287	-0.012	90	76086	200.0	186.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.299	2.299	0.000	90	470767	200.0	177.8	
21 1,1-Dichloroethene	96	2.317	2.311	0.006	97	560206	200.0	173.0	
22 Acetone	43	2.384	2.391	-0.006	87	939738	1000.0	887.5	
23 Iodomethane	142	2.451	2.451	0.000	98	1080203	200.0	177.5	
24 Carbon disulfide	76	2.482	2.470	0.012	99	2271877	200.0	165.2	
25 Isopropyl alcohol	45	2.470	2.488	-0.018	85	207358	2000.0	1887.2	a
26 3-Chloro-1-propene	76	2.579	2.586	-0.007	94	427432	200.0	167.1	
27 Methyl acetate	43	2.598	2.598	0.000	100	922378	400.0	343.7	
28 Cyclopentene	67	2.598	2.598	0.000	94	1453820	200.0	176.1	
29 Acetonitrile	40	2.592	2.665	-0.073	86	242267	2000.0	1882.4	
30 Methylene Chloride	84	2.701	2.701	0.000	95	734543	200.0	176.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.714	2.720	-0.006	0	33553	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	2.762	2.775	-0.013	99	638247	2000.0	1792.4	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	98	1927966	200.0	182.3	
34 trans-1,2-Dichloroethene	96	2.860	2.866	-0.006	97	632239	200.0	174.5	
35 Acrylonitrile	53	2.933	2.939	-0.006	95	2524312	2000.0	1926.7	
36 Hexane	57	3.000	3.006	-0.006	94	570940	200.0	190.6	
37 Isopropyl ether	45	3.201	3.201	0.000	98	2290536	200.0	176.9	
38 1,1-Dichloroethane	63	3.226	3.232	-0.006	99	1194399	200.0	176.8	
39 Vinyl acetate	86	3.244	3.250	-0.006	100	102774	400.0	211.9	
40 2-Chloro-1,3-butadiene	88	3.262	3.268	-0.006	90	551388	200.0	178.4	
41 Tert-butyl ethyl ether	59	3.488	3.494	-0.006	90	2114649	200.0	179.9	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	265981	250.0	250.0	
43 2,2-Dichloropropane	97	3.695	3.689	0.006	94	173066	200.0	177.6	
44 cis-1,2-Dichloroethene	96	3.707	3.707	0.000	96	722804	200.0	177.1	
45 2-Butanone (MEK)	72	3.726	3.732	-0.006	96	373784	1000.0	959.9	
46 Ethyl acetate	70	3.726	3.732	-0.006	95	134991	400.0	369.6	
47 Methyl acrylate	55	3.774	3.774	0.000	98	546358	200.0	179.7	
48 Propionitrile	54	3.854	3.860	-0.006	99	922059	2000.0	1993.9	
50 Tetrahydrofuran	72	3.915	3.921	-0.006	53	179885	400.0	397.0	
49 Chlorobromomethane	128	3.915	3.921	-0.006	94	345780	200.0	178.2	
51 Methacrylonitrile	67	3.945	3.945	0.000	92	2735397	2000.0	1912.9	
52 Chloroform	83	3.969	3.969	0.000	99	1110561	200.0	177.0	
53 Cyclohexane	84	4.085	4.085	0.000	93	765422	200.0	177.1	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	99	906985	200.0	177.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	107036	50.0	47.7	
56 Carbon tetrachloride	117	4.207	4.213	-0.006	99	742560	200.0	178.2	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	98	826583	200.0	178.2	
58 Isobutyl alcohol	43	4.384	4.396	-0.012	90	920584	5000.0	4942.3	
59 Isooctane	57	4.402	4.402	0.000	98	1732937	200.0	175.8	
60 Benzene	78	4.421	4.421	0.000	97	2625869	200.0	180.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	122840	50.0	49.5	
62 Tert-amyl methyl ether	73	4.494	4.494	0.000	90	2338712	200.0	184.5	
63 Isopropyl acetate	61	4.500	4.494	0.006	93	364600	200.0	189.7	
64 1,2-Dichloroethane	62	4.512	4.518	-0.006	97	793386	200.0	181.9	
65 n-Heptane	100	4.573	4.579	-0.006	95	84513	200.0	174.8	
* 66 Fluorobenzene	96	4.701	4.701	0.000	99	436138	50.0	50.0	
67 n-Butanol	56	5.012	5.024	-0.012	88	313887	5000.0	5222.1	
68 Trichloroethene	95	5.036	5.036	0.000	99	716263	200.0	196.7	
69 Methylcyclohexane	83	5.146	5.146	0.000	86	840576	200.0	179.3	
70 Ethyl acrylate	99	5.158	5.152	0.006	98	81537	200.0	208.1	
71 1,2-Dichloropropane	63	5.311	5.311	0.000	93	714810	200.0	186.0	
* 72 1,4-Dioxane-d8	96	5.372	5.384	-0.012	0	18349	1000.0	1000.0	M
73 Methyl methacrylate	100	5.396	5.396	0.000	93	301882	400.0	386.0	
75 1,4-Dioxane	88	5.420	5.433	-0.013	39	82007	4000.0	3422.0	
74 Dibromomethane	93	5.433	5.433	0.000	98	399134	200.0	185.4	
76 n-Propyl acetate	43	5.457	5.457	0.000	98	886028	200.0	194.5	
77 Dichlorobromomethane	83	5.585	5.585	0.000	100	879649	200.0	191.0	
78 2-Nitropropane	41	5.914	5.914	0.000	95	282895	400.0	351.1	
79 2-Chloroethyl vinyl ether	63	5.920	5.920	0.000	96	405706	200.5	192.5	
80 Epichlorohydrin	57	6.018	6.018	0.000	100	1174509	4000.0	3936.2	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	93	1020179	200.0	194.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.237	6.237	0.000	96	1441841	1000.0	979.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.304	6.298	0.006	100	399954	50.0	49.8	
84 Toluene	91	6.371	6.371	0.000	93	2594777	200.0	184.1	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	97	846454	200.0	192.7	
86 Ethyl methacrylate	69	6.768	6.768	0.000	90	839162	200.0	197.7	
87 1,1,2-Trichloroethane	83	6.932	6.932	0.000	98	483565	200.0	186.5	
88 Tetrachloroethene	166	6.963	6.963	0.000	98	583773	200.0	187.3	
89 1,3-Dichloropropane	76	7.133	7.133	0.000	95	902213	200.0	187.7	
90 2-Hexanone	43	7.213	7.213	0.000	97	2124211	1000.0	972.4	
91 n-Butyl acetate	43	7.329	7.335	-0.006	99	1027147	200.0	188.6	
92 Chlorodibromomethane	129	7.359	7.353	0.006	99	608133	200.0	191.2	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	535572	200.0	191.6	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	87	299462	50.0	50.0	
95 Chlorobenzene	112	8.072	8.072	0.000	94	1601974	200.0	186.8	
96 Ethylbenzene	106	8.182	8.182	0.000	98	900287	200.0	182.3	
97 1,1,1,2-Tetrachloroethane	131	8.200	8.200	0.000	97	647583	200.0	189.4	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	1107622	200.0	186.1	
99 o-Xylene	106	8.859	8.859	0.000	94	1195767	200.0	186.7	
100 n-Butyl acrylate	73	8.871	8.871	0.000	97	524131	200.0	190.8	
101 Styrene	104	8.895	8.895	0.000	95	1809417	200.0	191.5	
102 Bromoform	173	9.151	9.151	0.000	97	408036	200.0	193.1	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	90	1320057	200.0	206.2	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	2978345	200.0	191.4	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	90	115798	50.0	49.1	
106 Bromobenzene	156	9.700	9.700	0.000	99	693789	200.0	194.4	
107 1,1,2,2-Tetrachloroethane	83	9.785	9.785	0.000	99	695297	200.0	177.6	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	3492791	200.0	189.6	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	99	196361	200.0	186.9	
110 trans-1,4-Dichloro-2-butene	53	9.865	9.859	0.006	85	145232	200.0	210.9	a
111 2-Chlorotoluene	91	9.913	9.913	0.000	96	2382510	200.0	189.0	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	2852285	200.0	189.8	
113 1,3,5-Trimethylbenzene	105	10.017	10.017	0.000	93	2543593	200.0	195.2	
114 4-Chlorotoluene	91	10.041	10.041	0.000	98	2261420	200.0	191.4	
115 Butyl Methacrylate	87	10.151	10.151	0.000	89	963129	200.0	207.1	
116 tert-Butylbenzene	119	10.334	10.328	0.006	94	2130151	200.0	208.8	
117 1,2,4-Trimethylbenzene	105	10.401	10.395	0.006	97	2623574	200.0	193.6	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	3318152	200.0	200.8	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	96	1320912	200.0	189.9	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	2789600	200.0	202.0	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	95	158975	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	95	1321989	200.0	187.9	
123 1,2,3-Trimethylbenzene	105	10.803	10.804	-0.001	98	2847384	200.0	198.7	
124 Benzyl chloride	91	10.925	10.925	0.000	99	890080	200.0	195.9	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	95	2671016	200.0	193.3	
126 p-Diethylbenzene	119	11.060	11.053	0.007	93	1468995	200.0	193.6	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	1441476	200.0	193.5	
128 1,2-Dichlorobenzene	146	11.120	11.121	-0.001	96	1340641	200.0	188.2	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	97	2843967	200.0	204.1	
130 1,2-Dibromo-3-Chloropropane	157	11.815	11.816	-0.001	97	171016	200.0	193.8	
131 1,3,5-Trichlorobenzene	180	11.931	11.931	0.000	98	1162099	200.0	199.2	
132 1,2,4-Trichlorobenzene	180	12.437	12.437	0.000	94	1092332	200.0	198.0	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	97	460818	200.0	205.4	
134 Naphthalene	128	12.626	12.626	0.000	99	2776112	200.0	197.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	1066047	200.0	200.9	
S 136 1,2-Dichloroethene, Total	100				0		400.0	351.6	
S 137 Xylenes, Total	100				0		400.0	372.8	
S 139 1,3-Dichloropropene, Total	1				0		400.0	387.5	
S 140 Total BTEX	1				0		1000.0	920.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

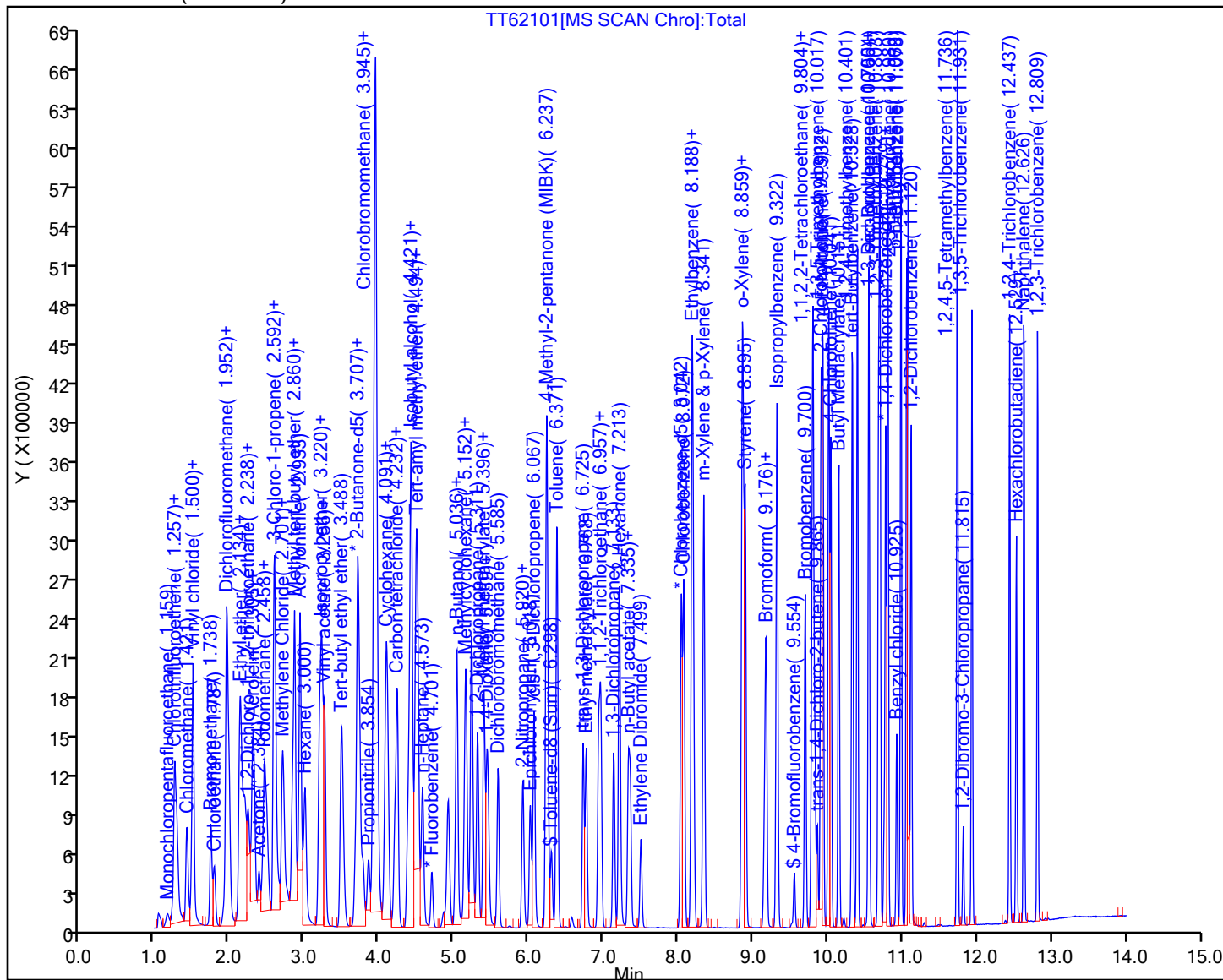
Reagents:

MIX 2 Hi_00128	Amount Added: 20.00	Units: uL	
MIX I Hi_00155	Amount Added: 20.00	Units: uL	
Ethanol mix_00069	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 20.00	Units: uL	
GAS Hi_00426	Amount Added: 20.00	Units: uL	
8FreonHi_00049	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Instrument ID: CVOAMS17

Worklist Smp#: 10

Limit Group: VOA - 8260D Water and Solid



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

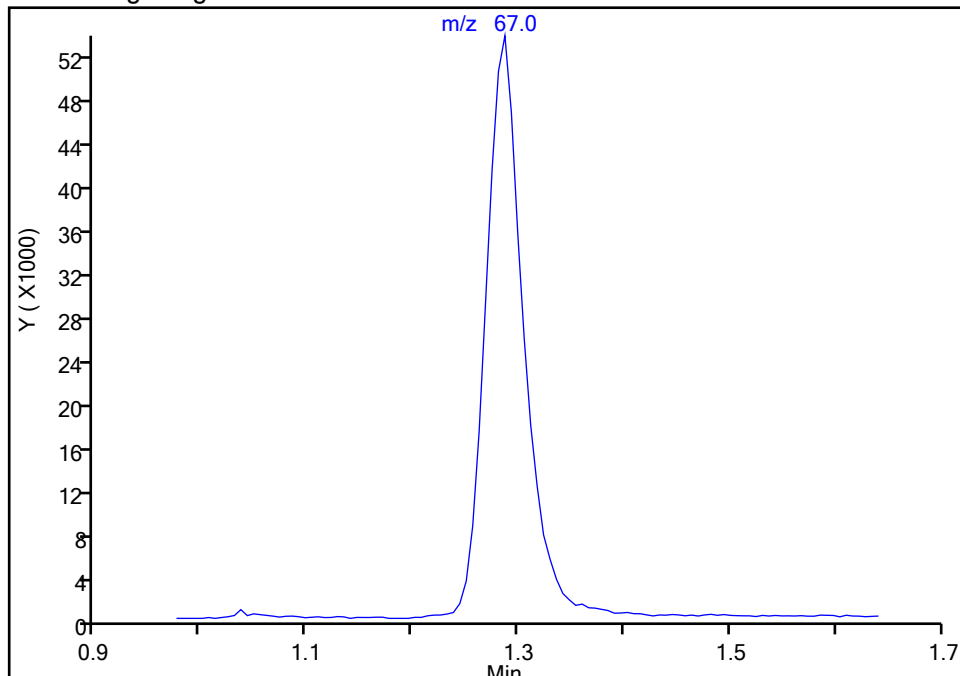
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

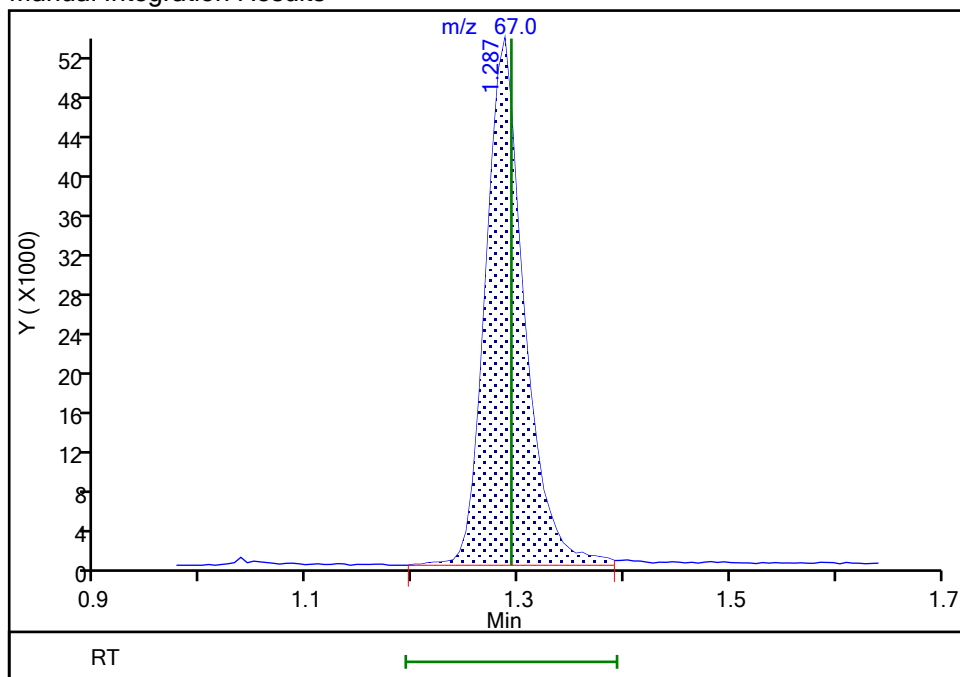
Not Detected

Expected RT: 1.29

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:58:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

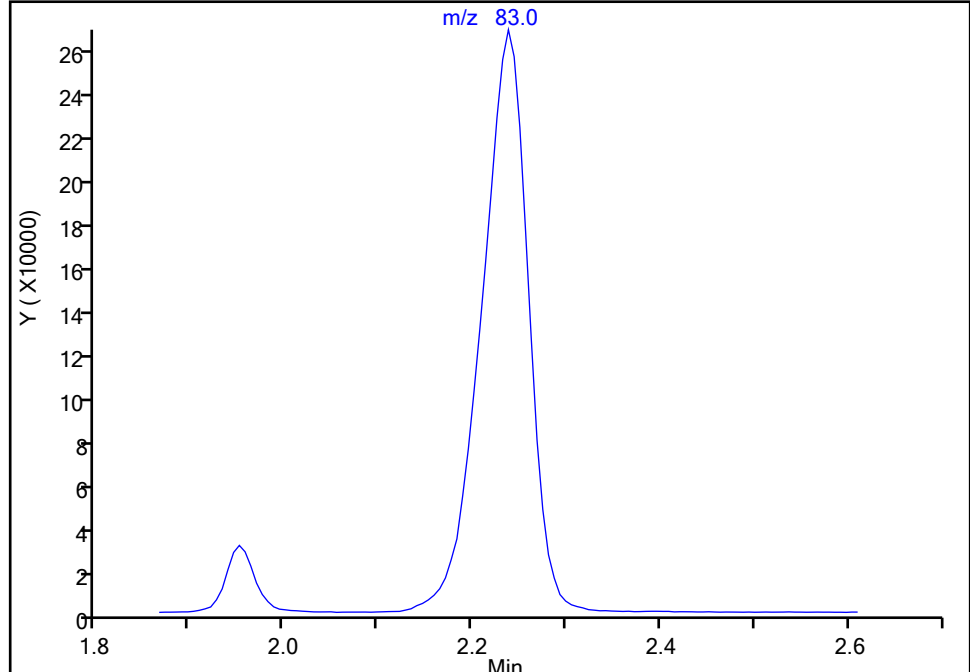
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.24

Processing Integration Results



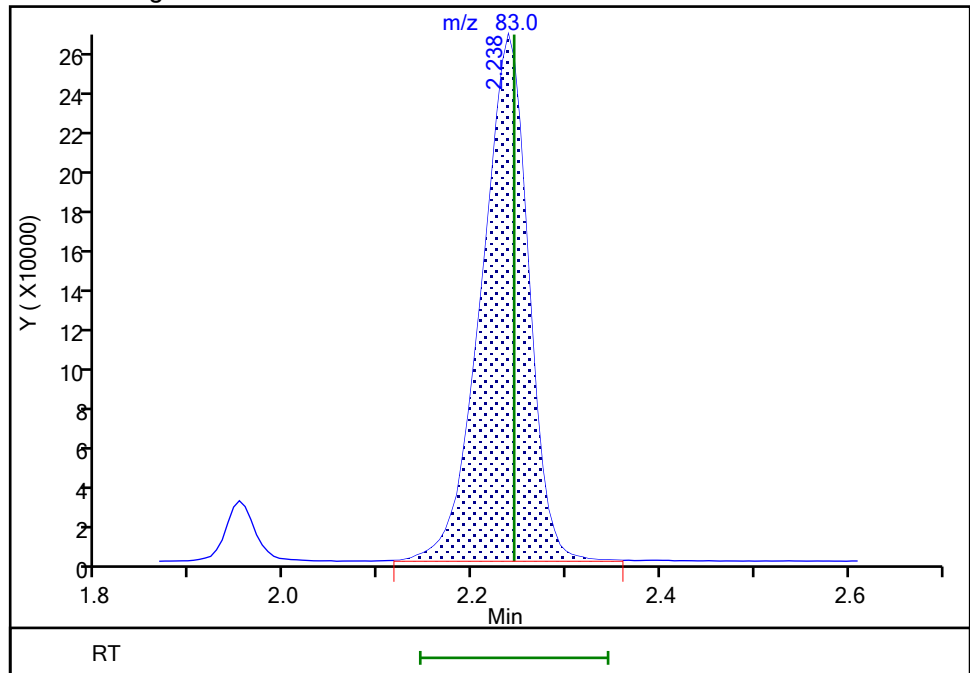
RT: 2.24

Area: 933507

Amount: 180.9552

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:58:17

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

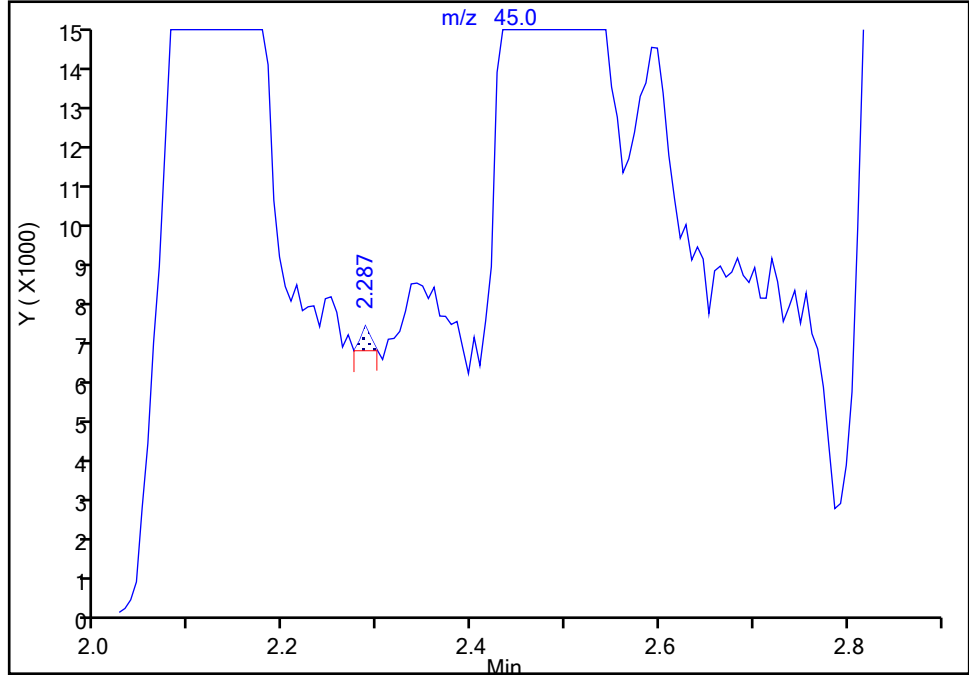
Detector: MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

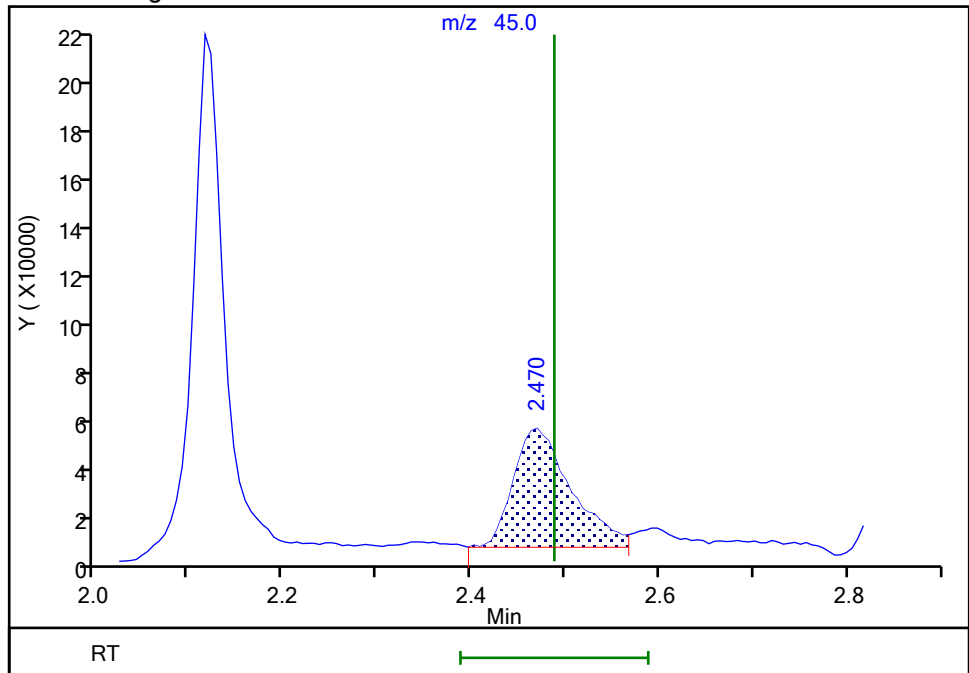
RT: 2.29
Area: 431
Amount: 6.506487
Amount Units: ug/l

Processing Integration Results



RT: 2.47
Area: 207358
Amount: 1887.2184
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:58:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D
Injection Date: 15-Oct-2022 04:09:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_17
Column: DB-624 (0.18 mm)

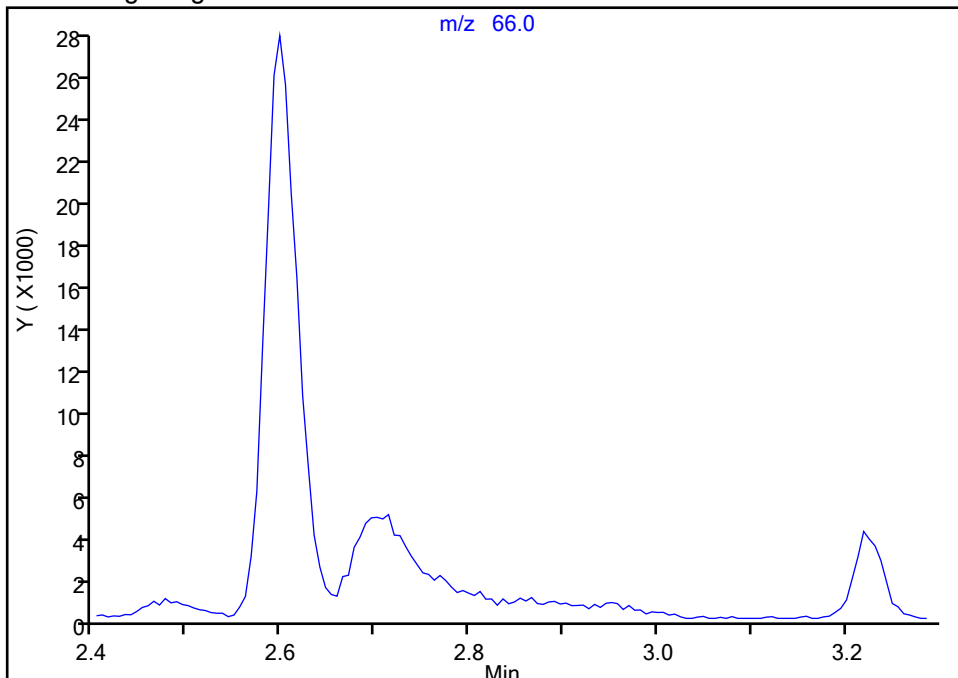
ALS Bottle#: 9 Worklist Smp#: 10
Dil. Factor: 1.0000
Limit Group: VOA - 8260D Water and Solid
Detector MS Quad

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

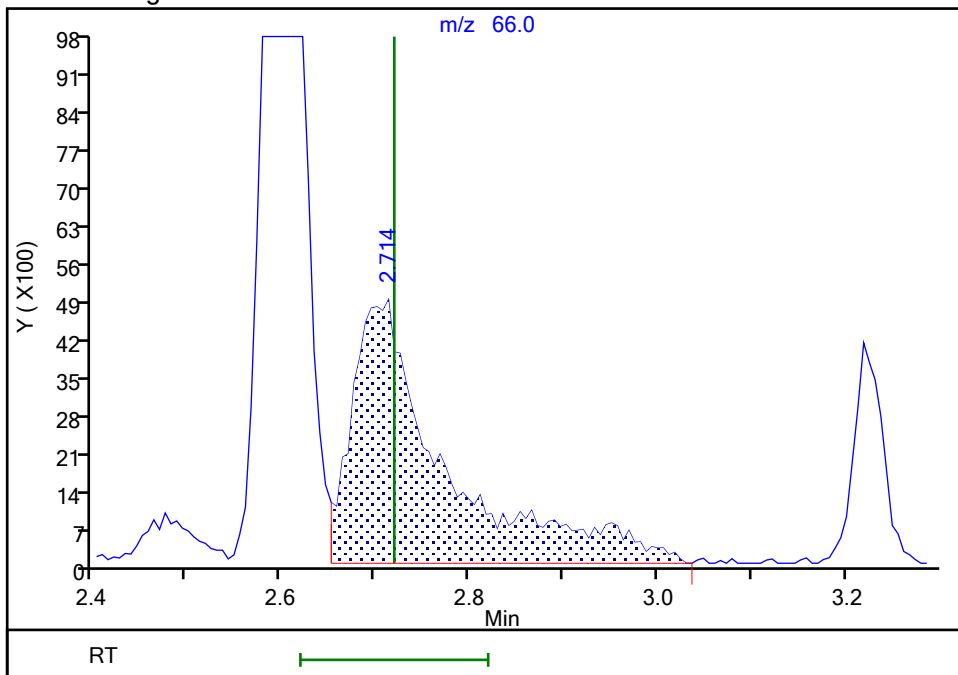
Not Detected
Expected RT: 2.72

Processing Integration Results



RT: 2.71
Area: 33553
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:57:35
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

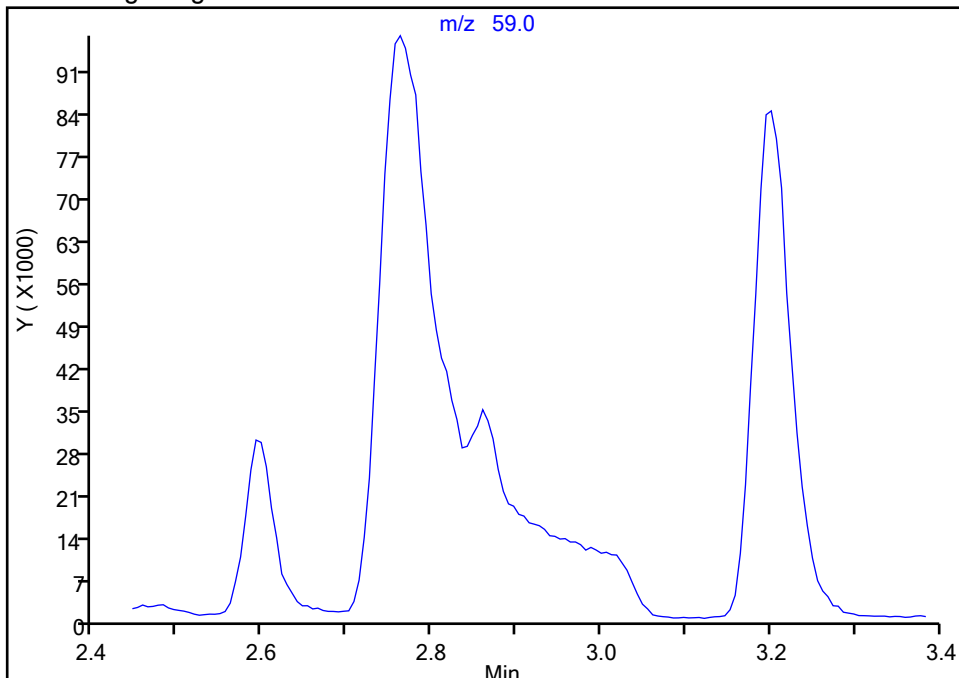
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

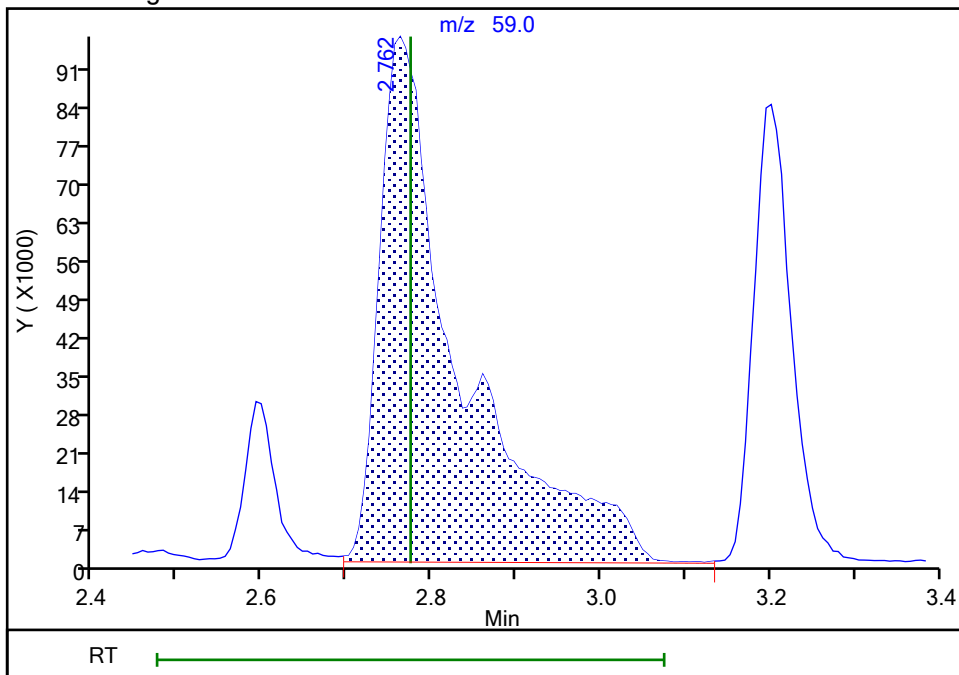
Not Detected

Expected RT: 2.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:58:32

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

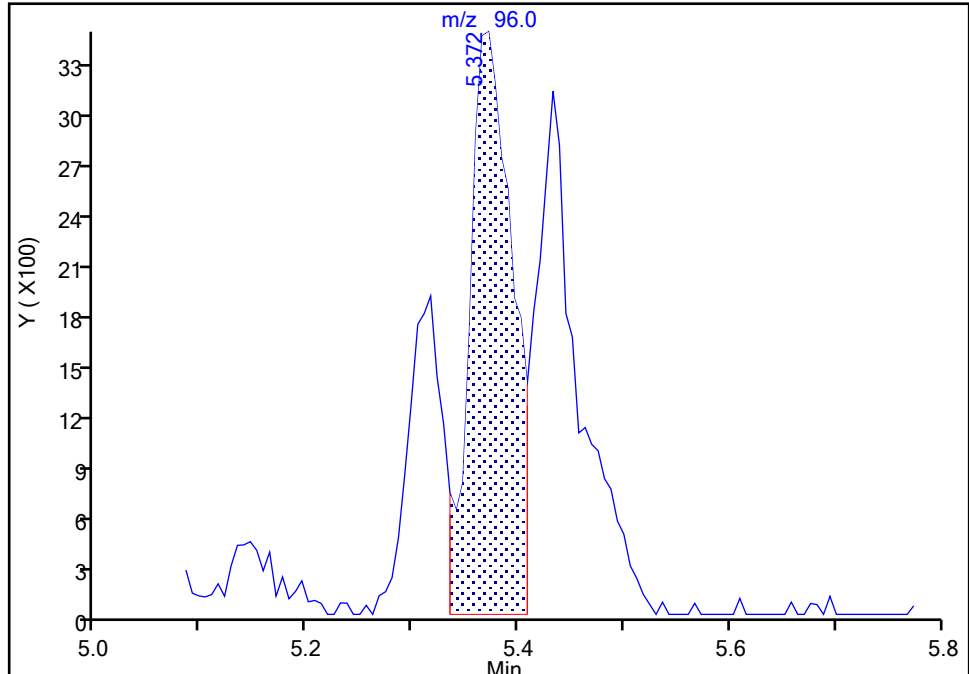
Detector: MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

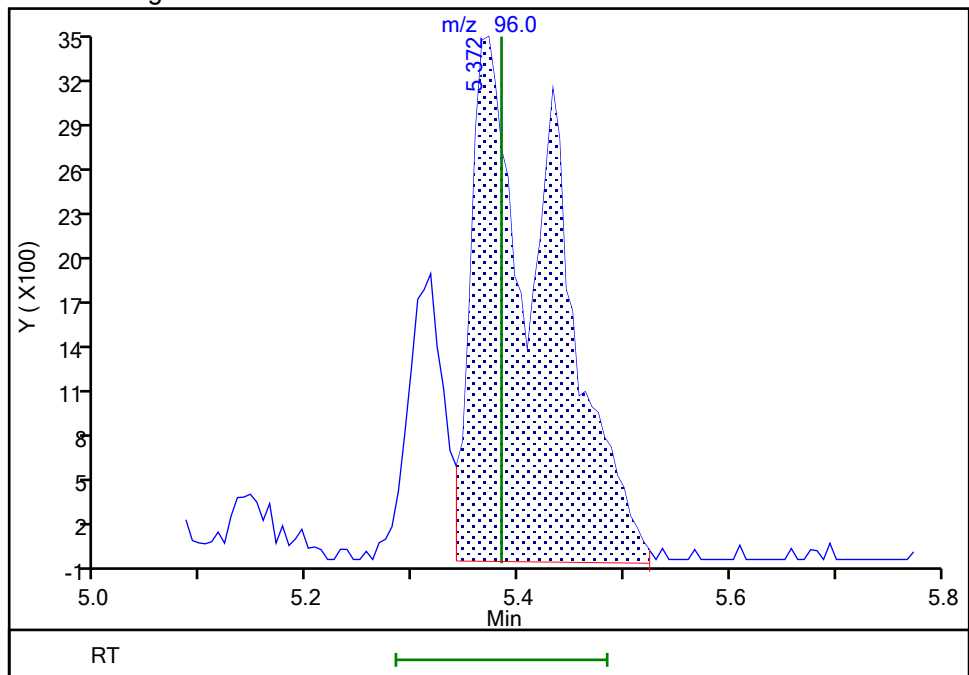
RT: 5.37
Area: 9879
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.37
Area: 18349
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:57:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62101.D

Injection Date: 15-Oct-2022 04:09:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

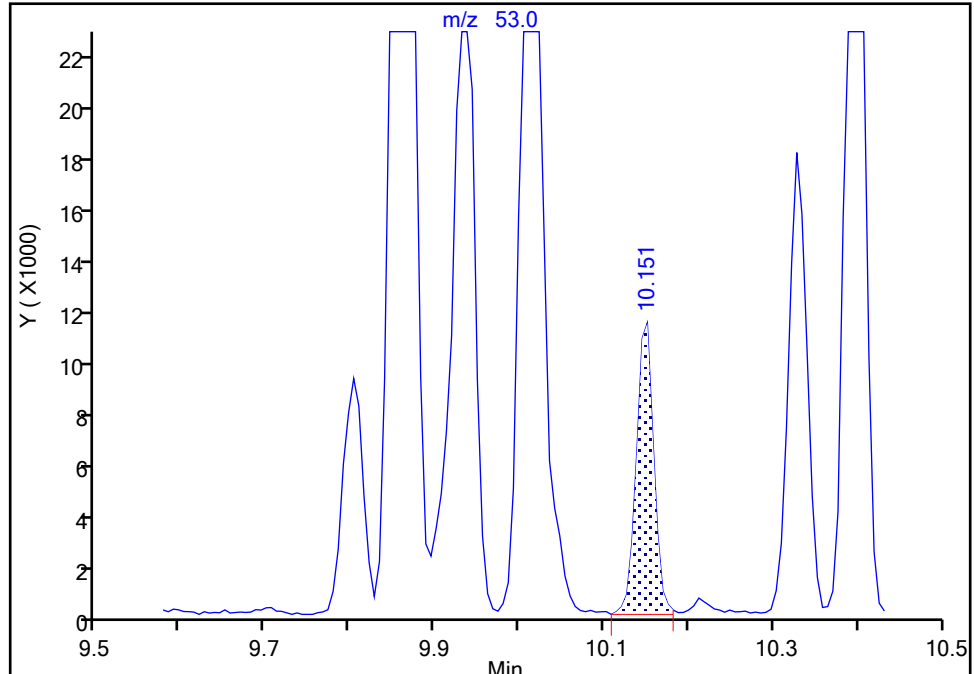
MS Quad

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

Signal: 1

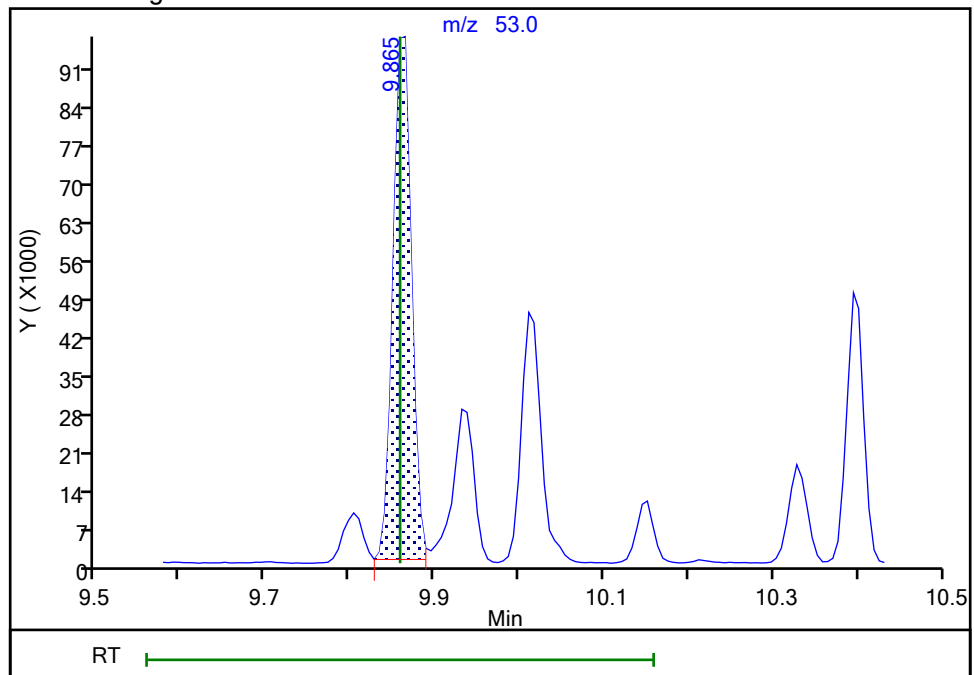
RT: 10.15
Area: 16267
Amount: 31.378670
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 145232
Amount: 210.8725
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:58:57

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 15-Oct-2022 04:30:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0151764-011
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:53:05 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 17-Oct-2022 17:51:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.165	0.000	79	133168	500.0	490.9	
3 Chlorotrifluoroethene	116	1.244	1.250	-0.006	95	635573	500.0	475.7	
2 1,1-Difluoroethane	65	1.257	1.257	0.000	98	1006363	500.0	446.0	
4 Dichlorodifluoromethane	85	1.275	1.269	0.006	96	1711190	500.0	478.7	
5 Chlorodifluoromethane	67	1.287	1.293	-0.006	97	334117	500.0	500.5	a
6 Chloromethane	50	1.421	1.421	0.000	99	2861234	500.0	536.9	
7 Vinyl chloride	62	1.494	1.494	0.000	98	2198128	500.0	520.3	
8 Butadiene	54	1.507	1.507	-0.001	95	1885591	500.0	499.8	
9 Bromomethane	94	1.744	1.744	0.000	100	1706062	500.0	519.8	
10 Chloroethane	64	1.787	1.787	0.000	99	1304062	500.0	460.2	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	3734357	500.0	499.8	
13 Pentane	72	1.982	1.958	0.024	96	496470	1000.0	1021.8	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	98	2078851	500.0	486.4	
15 Ethyl ether	74	2.122	2.122	0.000	94	1031196	500.0	480.6	
14 Ethanol	46	2.116	2.128	-0.012	77	196915	20000	21008	
16 2-Methyl-1,3-butadiene	53	2.147	2.141	0.006	95	1646134	500.0	531.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.195	2.189	0.006	95	1419265	500.0	464.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.244	2.244	0.000	91	2453468	500.0	463.8	a
19 Acrolein	56	2.281	2.287	-0.006	94	196493	400.0	402.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.305	2.299	0.006	96	1185279	500.0	436.4	
21 1,1-Dichloroethene	96	2.323	2.311	0.012	98	1554189	500.0	468.1	
22 Acetone	43	2.384	2.391	-0.006	88	2398483	2500.0	2122.8	
23 Iodomethane	142	2.451	2.451	0.000	97	3120759	500.0	500.0	
24 Carbon disulfide	76	2.488	2.470	0.018	99	6199838	500.0	439.7	
25 Isopropyl alcohol	45	2.470	2.488	-0.018	97	706265	5000.0	5485.4	a
26 3-Chloro-1-propene	76	2.586	2.586	0.000	94	1299337	500.0	495.2	
27 Methyl acetate	43	2.598	2.598	0.000	100	2666829	1000.0	969.0	
28 Cyclopentene	67	2.604	2.598	0.006	94	4553569	500.0	537.9	
29 Acetonitrile	40	2.659	2.665	-0.006	95	720795	5000.0	5248.6	a
30 Methylene Chloride	84	2.708	2.701	0.007	94	2074811	500.0	487.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.701	2.720	-0.019	0	39318	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.768	2.775	-0.007	94	1907578	5000.0	4571.6	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	98	5337488	500.0	492.3	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	95	1773732	500.0	477.4	
35 Acrylonitrile	53	2.939	2.939	0.000	95	7115620	5000.0	5296.0	
36 Hexane	57	3.000	3.006	-0.006	93	1422964	500.0	509.1	
37 Isopropyl ether	45	3.201	3.201	0.000	97	6334084	500.0	476.9	
38 1,1-Dichloroethane	63	3.226	3.232	-0.006	99	3278967	500.0	473.3	
39 Vinyl acetate	86	3.244	3.250	-0.006	100	737686	1000.0	1425.5	
40 2-Chloro-1,3-butadiene	88	3.268	3.268	0.000	89	1639165	500.0	517.1	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	89	5878436	500.0	487.5	
* 42 2-Butanone-d5	46	3.683	3.677	0.006	0	283811	250.0	250.0	
43 2,2-Dichloropropane	97	3.701	3.689	0.012	94	484622	500.0	485.0	
44 cis-1,2-Dichloroethene	96	3.707	3.707	0.000	98	2062589	500.0	492.9	
45 2-Butanone (MEK)	72	3.732	3.732	0.000	96	1047215	2500.0	2520.3	
46 Ethyl acetate	70	3.732	3.732	0.000	97	398432	1000.0	1022.4	
47 Methyl acrylate	55	3.780	3.774	0.006	98	1671727	500.0	536.1	
48 Propionitrile	54	3.854	3.860	-0.006	99	2663920	5000.0	4915.9	
50 Tetrahydrofuran	72	3.915	3.921	-0.006	57	489342	1000.0	1012.2	
49 Chlorobromomethane	128	3.921	3.921	0.000	86	1002973	500.0	504.0	
51 Methacrylonitrile	67	3.951	3.945	0.006	90	7688272	5000.0	5242.9	
52 Chloroform	83	3.969	3.969	0.000	99	3058203	500.0	475.3	
53 Cyclohexane	84	4.091	4.085	0.006	91	2014554	500.0	454.5	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	98	2525425	500.0	480.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	98	110232	50.0	47.9	
56 Carbon tetrachloride	117	4.213	4.213	0.000	99	2051378	500.0	480.1	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	98	2255863	500.0	474.2	
58 Isobutyl alcohol	43	4.396	4.396	0.000	90	2922569	12500	13390	
59 Isooctane	57	4.408	4.402	0.006	99	6049991	500.0	598.4	
60 Benzene	78	4.427	4.421	0.006	96	7352296	500.0	457.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	138571	50.0	54.5	
62 Tert-amyl methyl ether	73	4.494	4.494	0.000	90	6689112	500.0	514.5	
63 Isopropyl acetate	61	4.500	4.494	0.006	95	1024876	500.0	519.9	
64 1,2-Dichloroethane	62	4.518	4.518	0.000	97	2158961	500.0	482.6	
65 n-Heptane	100	4.579	4.579	0.000	93	243248	500.0	528.6	
* 66 Fluorobenzene	96	4.701	4.701	0.000	99	447264	50.0	50.0	
67 n-Butanol	56	5.012	5.024	-0.012	88	1050332	12500	14912	
68 Trichloroethene	95	5.036	5.036	0.000	100	1798790	500.0	481.8	
69 Methylcyclohexane	83	5.152	5.146	0.006	83	2247796	500.0	467.4	
70 Ethyl acrylate	99	5.164	5.152	0.012	97	241876	500.0	601.9	
71 1,2-Dichloropropane	63	5.311	5.311	0.000	94	2011785	500.0	510.5	
* 72 1,4-Dioxane-d8	96	5.433	5.384	0.049	0	27029	1000.0	1000.0	M
73 Methyl methacrylate	100	5.402	5.396	0.006	91	916078	1000.0	1142.1	
75 1,4-Dioxane	88	5.433	5.433	0.000	38	261201	10000	7399.2	
74 Dibromomethane	93	5.439	5.433	0.006	98	1146899	500.0	519.5	
76 n-Propyl acetate	43	5.457	5.457	0.000	98	2570759	500.0	550.2	
77 Dichlorobromomethane	83	5.585	5.585	0.000	100	2506113	500.0	530.6	
78 2-Nitropropane	41	5.920	5.914	0.006	96	843595	1000.0	1020.9	
79 2-Chloroethyl vinyl ether	63	5.920	5.920	0.000	97	1209114	501.2	559.5	
80 Epichlorohydrin	57	6.024	6.018	0.006	100	3370404	10000	10586	
81 cis-1,3-Dichloropropene	75	6.073	6.067	0.006	92	3024949	500.0	522.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.243	6.237	0.006	95	3947302	2500.0	2513.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.304	6.298	0.006	100	429815	50.0	48.4	
84 Toluene	91	6.378	6.371	0.007	94	7511157	500.0	481.9	
85 trans-1,3-Dichloropropene	75	6.731	6.725	0.006	97	2499987	500.0	514.7	
86 Ethyl methacrylate	69	6.768	6.768	0.000	90	2413421	500.0	514.0	
87 1,1,2-Trichloroethane	83	6.938	6.932	0.006	98	1415779	500.0	493.7	
88 Tetrachloroethene	166	6.963	6.963	0.000	98	1663878	500.0	482.7	
89 1,3-Dichloropropane	76	7.140	7.133	0.007	94	2636598	500.0	495.9	
90 2-Hexanone	43	7.213	7.213	0.000	96	5657640	2500.0	2427.3	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	2809781	500.0	466.5	
92 Chlorodibromomethane	129	7.359	7.353	0.006	98	1797478	500.0	511.0	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	1533270	500.0	495.9	
* 94 Chlorobenzene-d5	117	8.042	8.036	0.006	85	331213	50.0	50.0	
95 Chlorobenzene	112	8.078	8.072	0.006	95	4690778	500.0	494.6	
96 Ethylbenzene	106	8.188	8.182	0.006	98	2612286	500.0	478.3	
97 1,1,1,2-Tetrachloroethane	131	8.200	8.200	0.000	98	1838949	500.0	486.2	
98 m-Xylene & p-Xylene	106	8.347	8.341	0.006	0	3117569	500.0	473.5	
99 o-Xylene	106	8.859	8.859	0.000	95	3357362	500.0	474.0	
100 n-Butyl acrylate	73	8.871	8.871	0.000	98	1470508	500.0	484.0	
101 Styrene	104	8.901	8.895	0.006	95	5087234	500.0	486.7	
102 Bromoform	173	9.157	9.151	0.006	98	1174562	500.0	502.6	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	90	3510909	500.0	551.5	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	7764706	500.0	451.1	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	91	121042	50.0	46.4	
106 Bromobenzene	156	9.700	9.700	0.000	99	1960970	500.0	552.7	
107 1,1,2,2-Tetrachloroethane	83	9.785	9.785	0.000	99	2186830	500.0	561.8	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	8822341	500.0	481.6	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	99	533638	500.0	510.7	
110 trans-1,4-Dichloro-2-butene	53	9.865	9.859	0.006	93	396361	500.0	578.8	a
111 2-Chlorotoluene	91	9.913	9.913	0.000	97	6344409	500.0	506.1	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	7783339	500.0	520.8	
113 1,3,5-Trimethylbenzene	105	10.017	10.017	0.000	93	6600041	500.0	509.4	
114 4-Chlorotoluene	91	10.048	10.041	0.007	97	5949726	500.0	506.4	
115 Butyl Methacrylate	87	10.151	10.151	0.000	88	2711099	500.0	586.2	
116 tert-Butylbenzene	119	10.334	10.328	0.006	96	5497753	500.0	542.1	
117 1,2,4-Trimethylbenzene	105	10.401	10.395	0.006	97	6720984	500.0	498.7	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	8306584	500.0	505.5	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	97	3535434	500.0	511.1	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	97	6917931	500.0	503.7	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	158069	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	95	3497913	500.0	499.9	
123 1,2,3-Trimethylbenzene	105	10.810	10.804	0.006	98	7607420	500.0	533.9	
124 Benzyl chloride	91	10.925	10.925	0.000	99	2402558	500.0	531.9	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	95	7167744	500.0	521.6	
126 p-Diethylbenzene	119	11.060	11.053	0.007	94	3877622	500.0	514.1	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	3432889	500.0	463.5	
128 1,2-Dichlorobenzene	146	11.120	11.121	-0.001	97	3514777	500.0	496.3	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	98	7264180	500.0	524.2	
130 1,2-Dibromo-3-Chloropropane	157	11.815	11.816	-0.001	97	462070	500.0	526.6	
131 1,3,5-Trichlorobenzene	180	11.931	11.931	0.000	98	2971557	500.0	512.2	
132 1,2,4-Trichlorobenzene	180	12.437	12.437	0.000	94	2535277	500.0	462.1	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	98	1111672	500.0	498.4	
134 Naphthalene	128	12.626	12.626	0.000	99	6726043	500.0	480.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	2459820	500.0	466.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	970.3	
S 137 Xylenes, Total	100				0		1000.0	947.5	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	1036.7	
S 140 Total BTEX	1				0		2500.0	2365.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX 2 Hi_00128	Amount Added: 50.00	Units: uL	
MIX I Hi_00155	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_00426	Amount Added: 50.00	Units: uL	
8FreonHi_00049	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

11

Purge Vol: 5.000 mL

Dil. Factor:

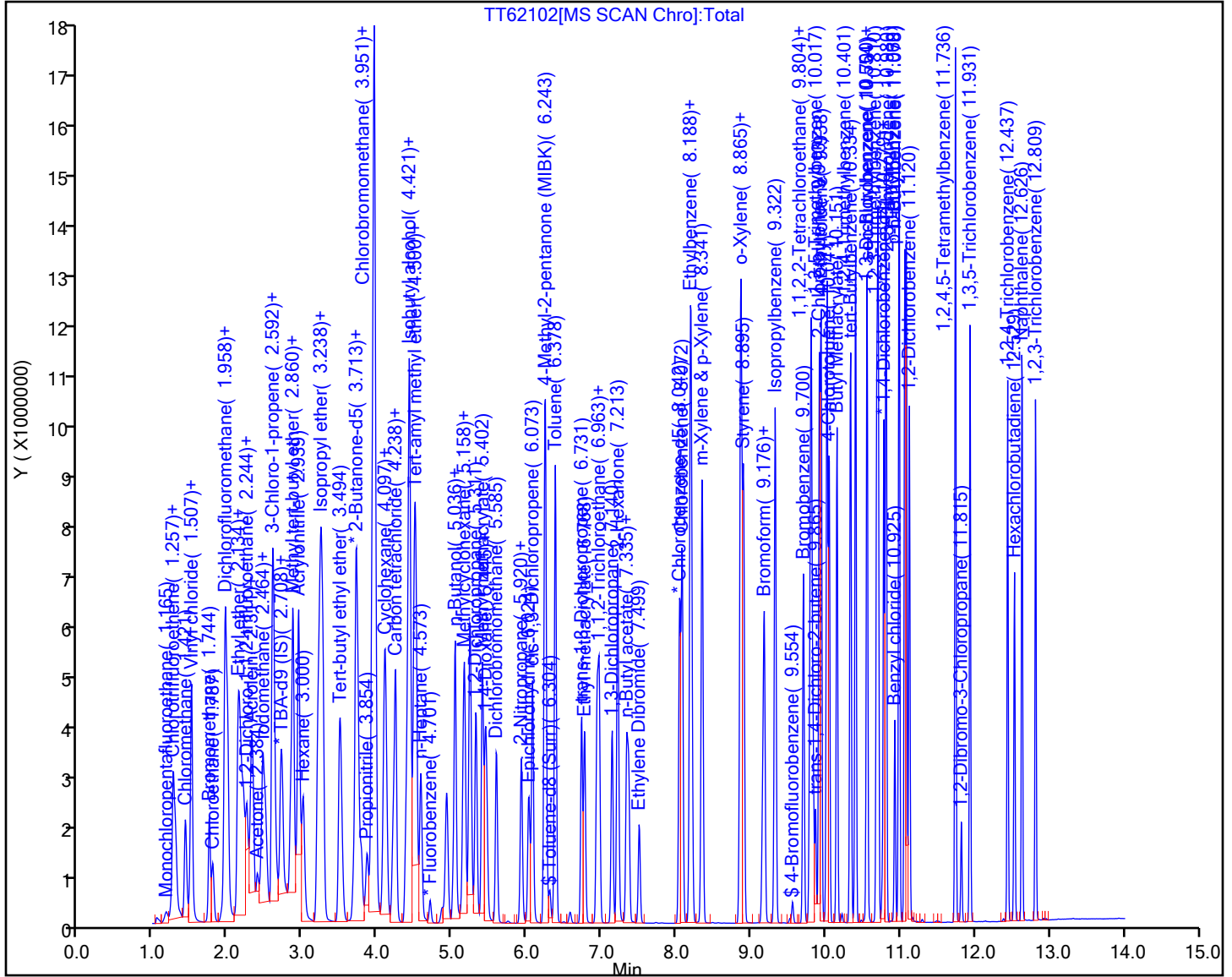
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

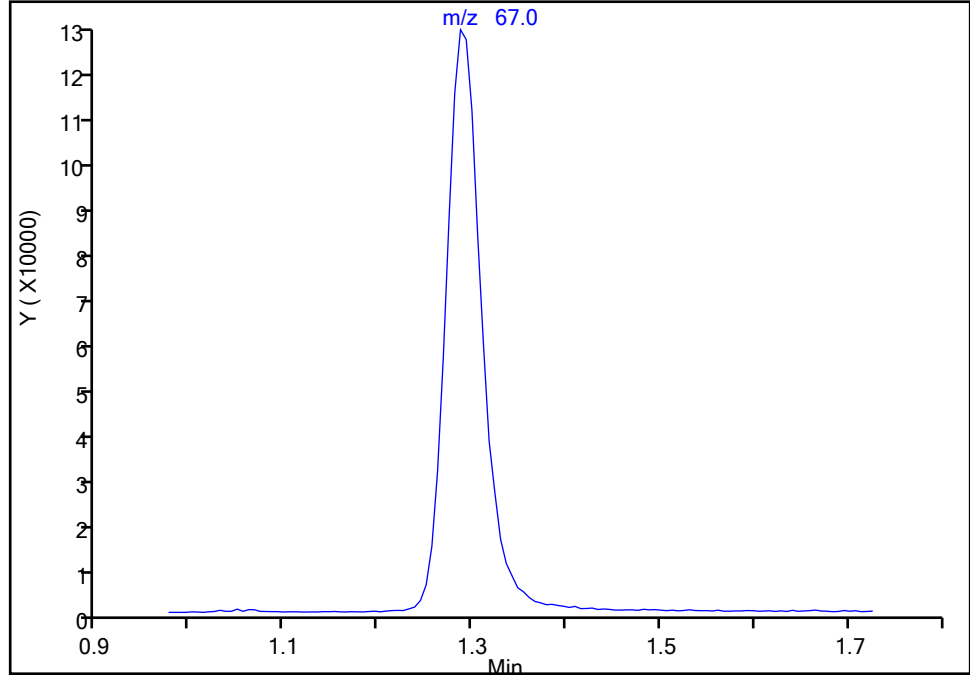
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

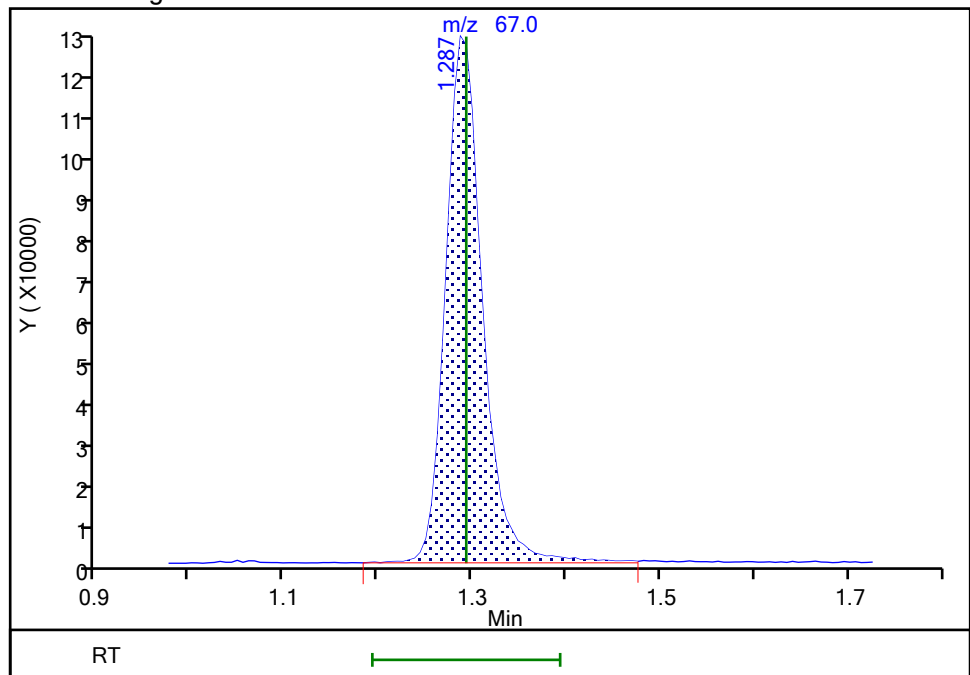
Expected RT: 1.29

Processing Integration Results



RT: 1.29
Area: 334117
Amount: 500.5381
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:59:42

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

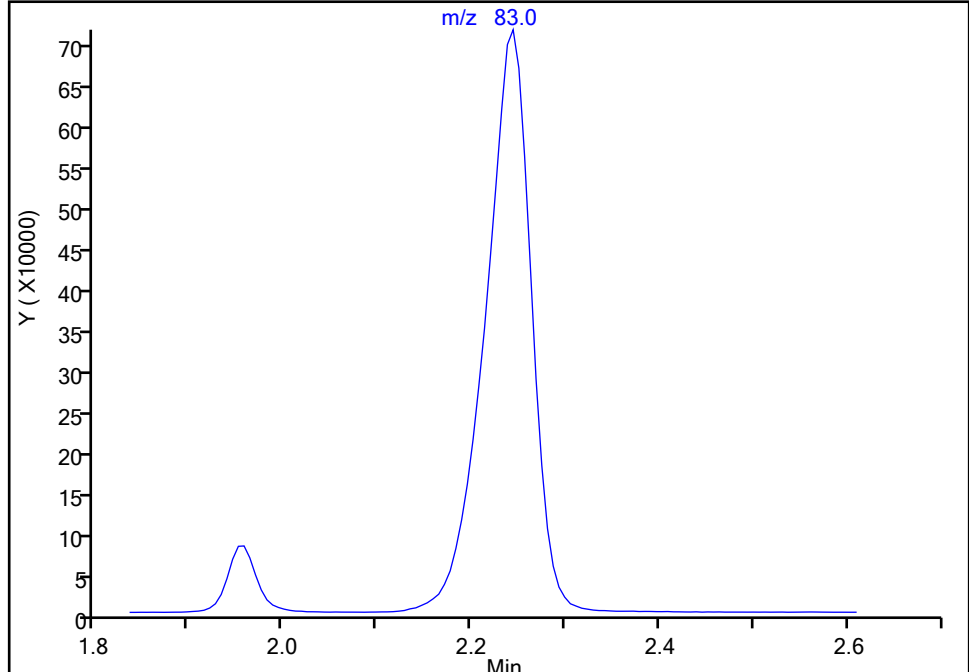
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

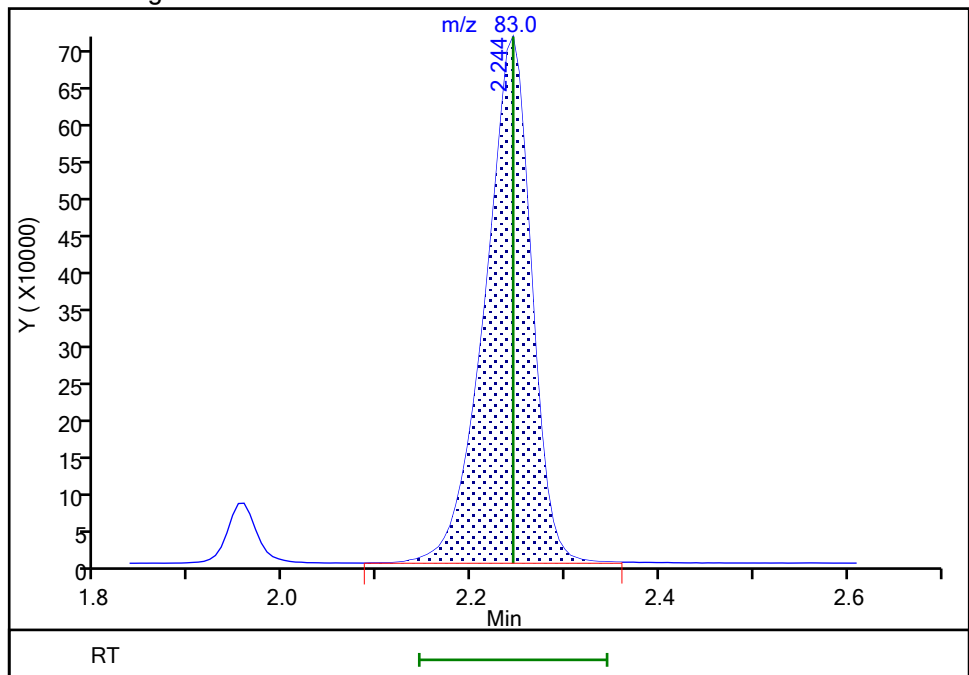
Not Detected

Expected RT: 2.24

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:59:51

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

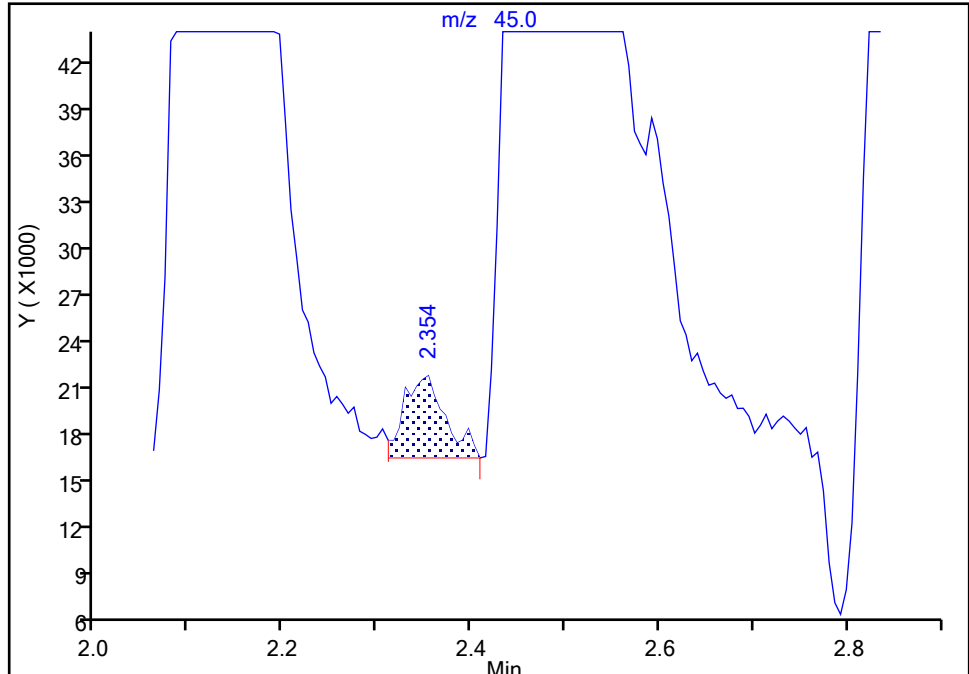
MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

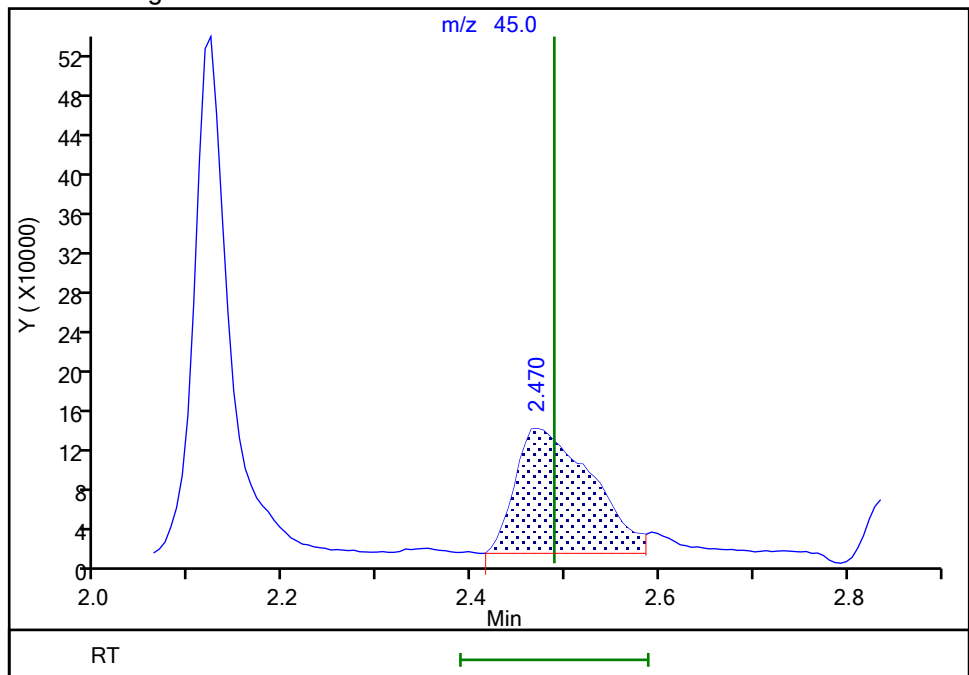
RT: 2.35
Area: 15622
Amount: 153.3506
Amount Units: ug/l

Processing Integration Results



RT: 2.47
Area: 706265
Amount: 5485.4088
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:00:07

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

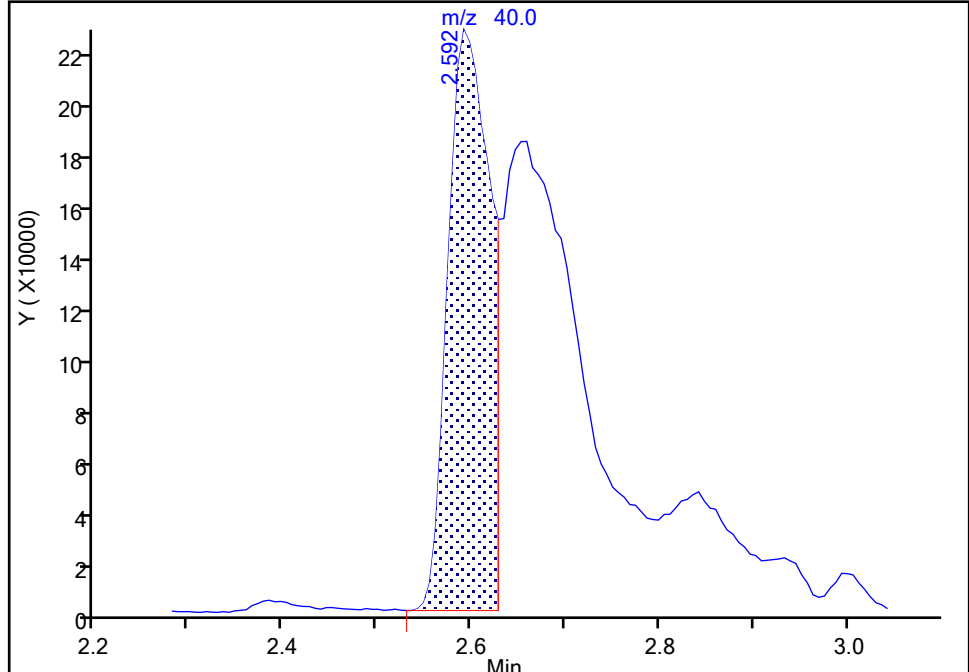
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

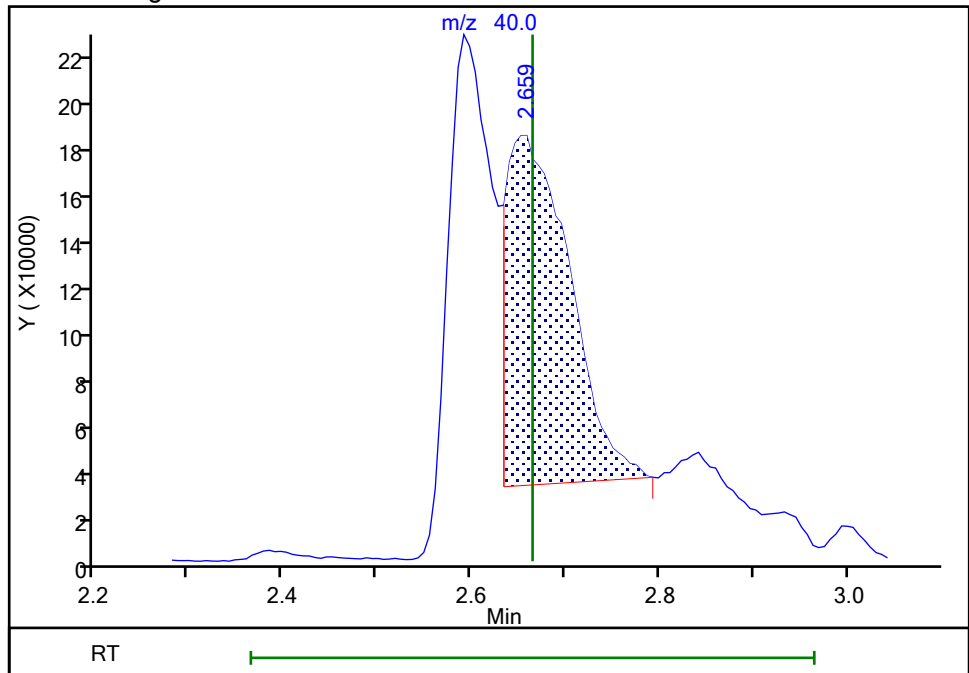
RT: 2.59
Area: 722721
Amount: 5006.1238
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 720795
Amount: 5248.6237
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:00:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

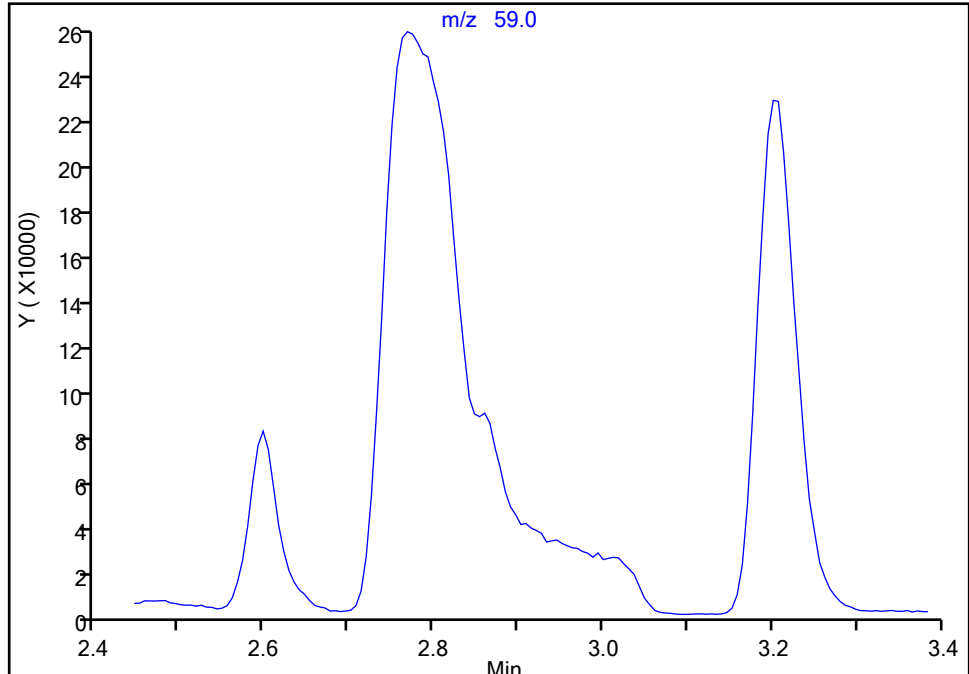
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

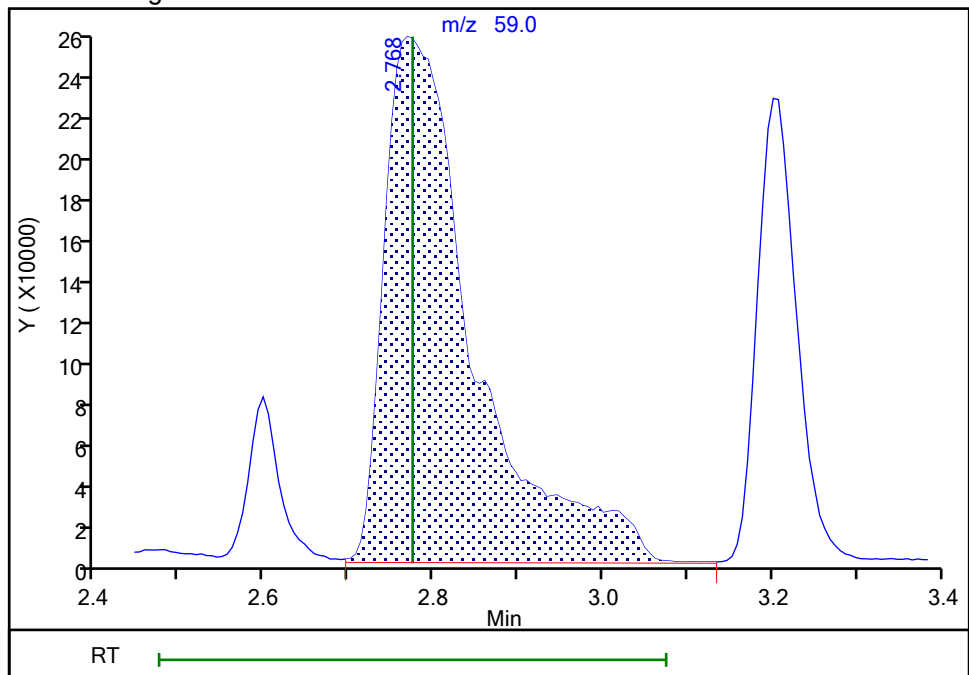
Not Detected

Expected RT: 2.77

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:00:20

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

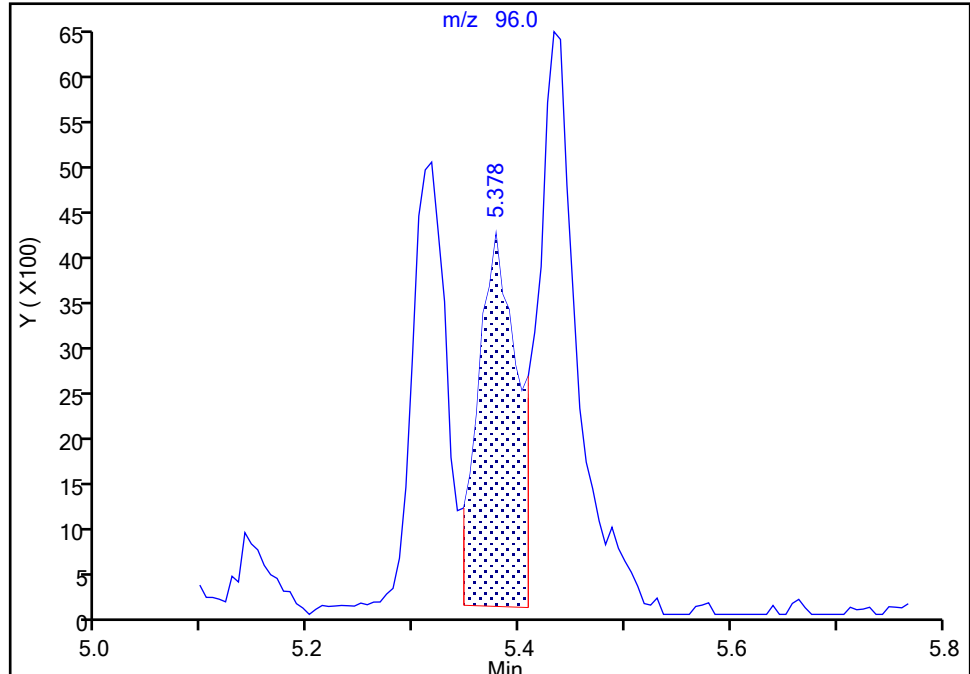
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

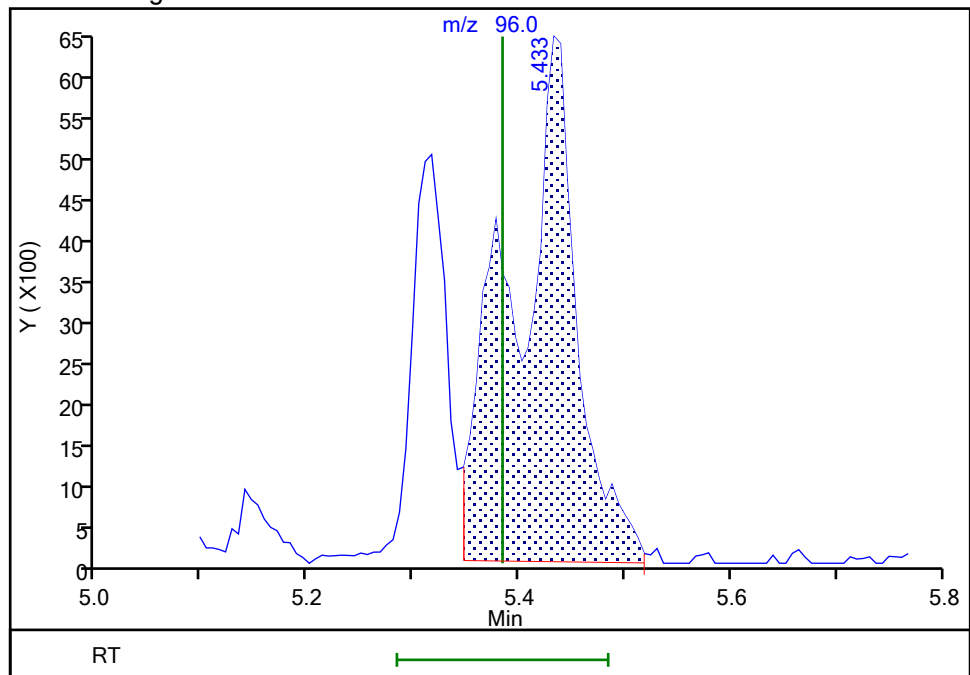
RT: 5.38
Area: 10871
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.43
Area: 27029
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 10:59:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D

Injection Date: 15-Oct-2022 04:30:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

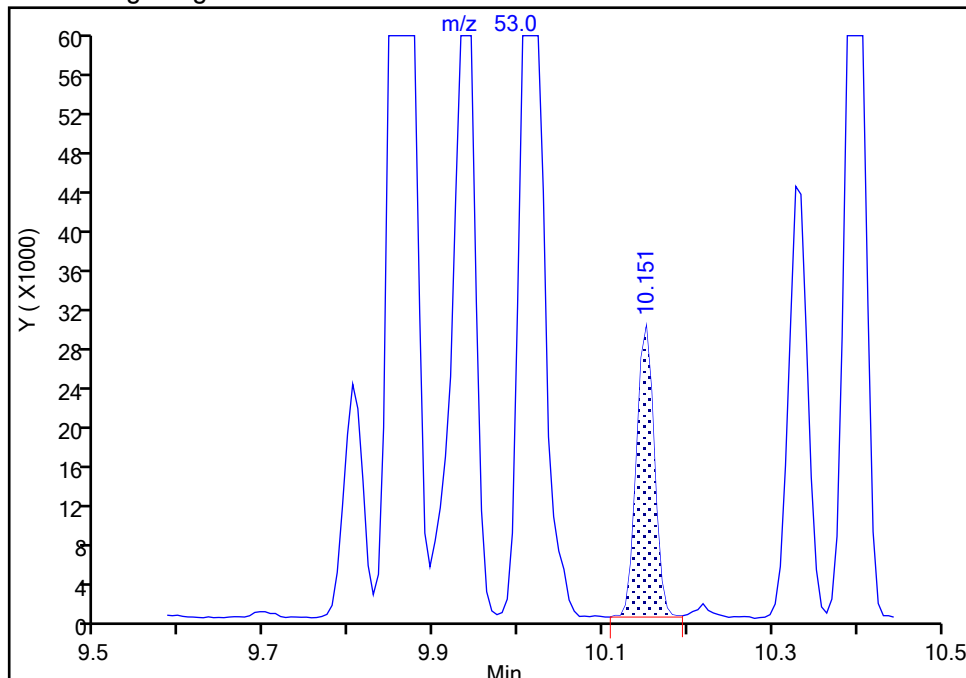
MS Quad

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

Signal: 1

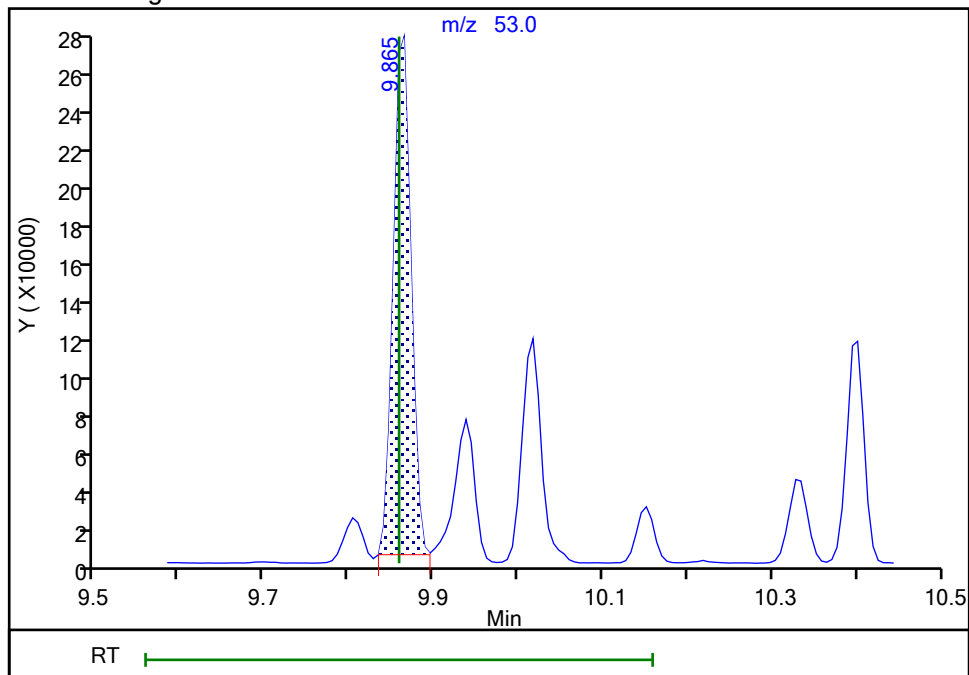
RT: 10.15
Area: 42991
Amount: 70.819777
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 396361
Amount: 578.8030
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 11:00:42

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Calibration

/ Chlorotrifluoroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

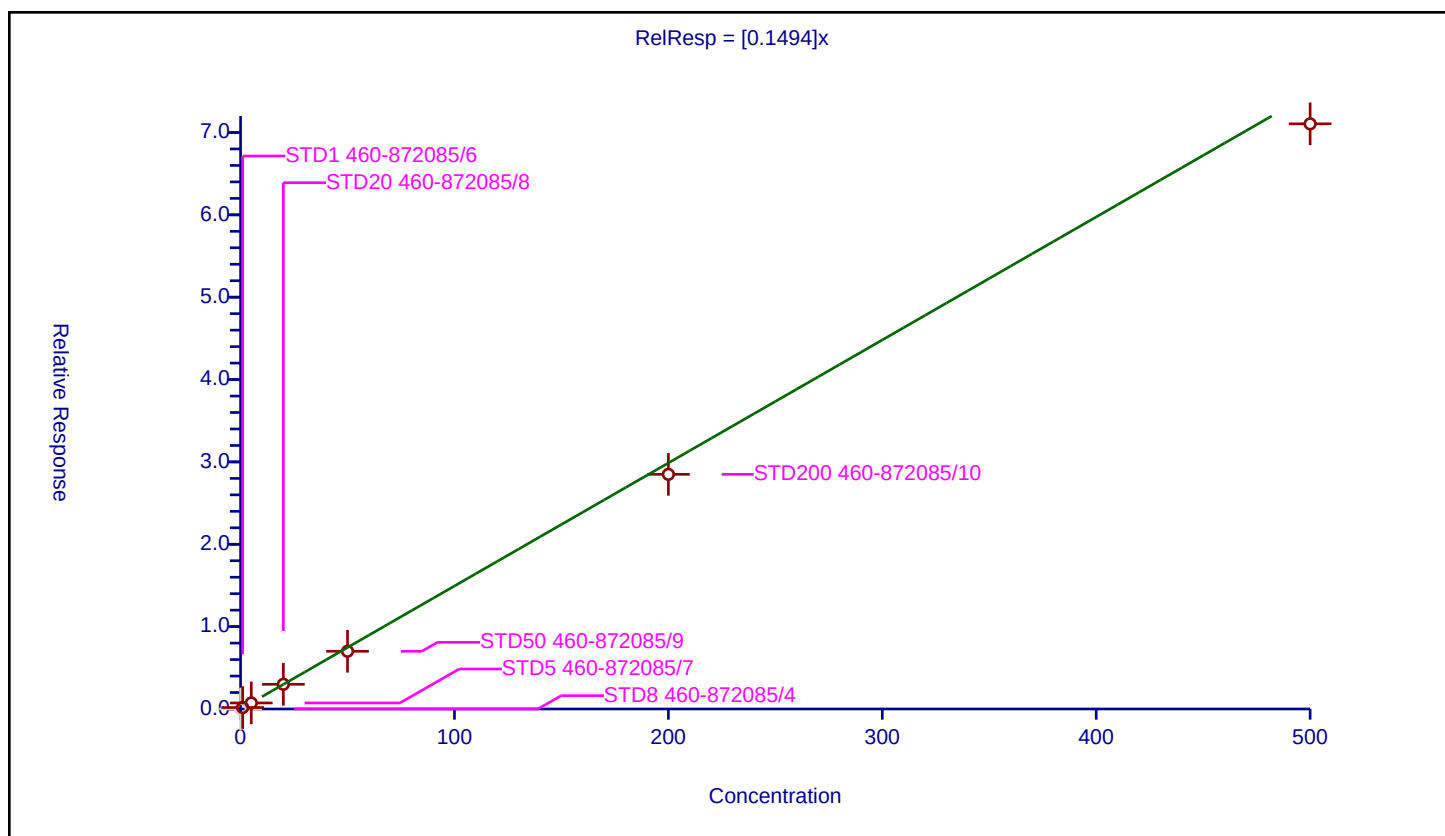
Curve Coefficients

Intercept: 0
 Slope: 0.1494

Error Coefficients

Standard Error: 306000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.175025	50.0	406798.0	0.175025	Y
3	STD5 460-872085/7	5.0	0.73201	50.0	389817.0	0.146402	Y
4	STD20 460-872085/8	20.0	3.000068	50.0	396841.0	0.150003	Y
5	STD50 460-872085/9	50.0	7.008819	50.0	359440.0	0.140176	Y
6	STD200 460-872085/10	200.0	28.490753	50.0	436138.0	0.142454	Y
7	STD500 460-872085/11	500.0	71.051214	50.0	447264.0	0.142102	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

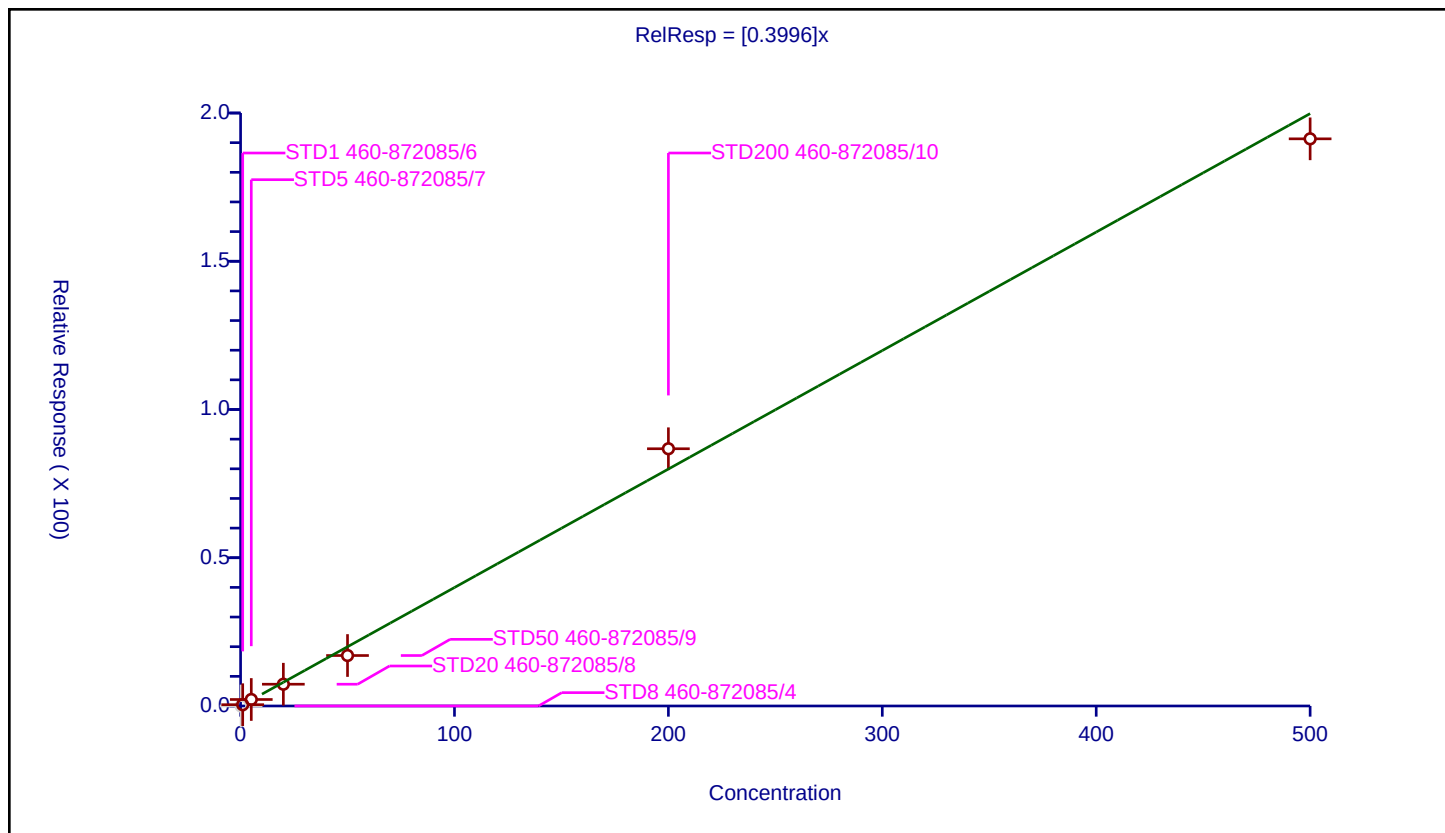
Curve Coefficients

Intercept: 0
 Slope: 0.3996

Error Coefficients

Standard Error: 839000
 Relative Standard Error: 10.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	50.0	666788.0	0.0	N
2	STD1 460-872085/6	1.0	0.435105	50.0	406798.0	0.435105	Y
3	STD5 460-872085/7	5.0	2.19385	50.0	389817.0	0.43877	Y
4	STD20 460-872085/8	20.0	7.339715	50.0	396841.0	0.366986	Y
5	STD50 460-872085/9	50.0	17.019948	50.0	359440.0	0.340399	Y
6	STD200 460-872085/10	200.0	86.760727	50.0	436138.0	0.433804	Y
7	STD500 460-872085/11	500.0	191.295298	50.0	447264.0	0.382591	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

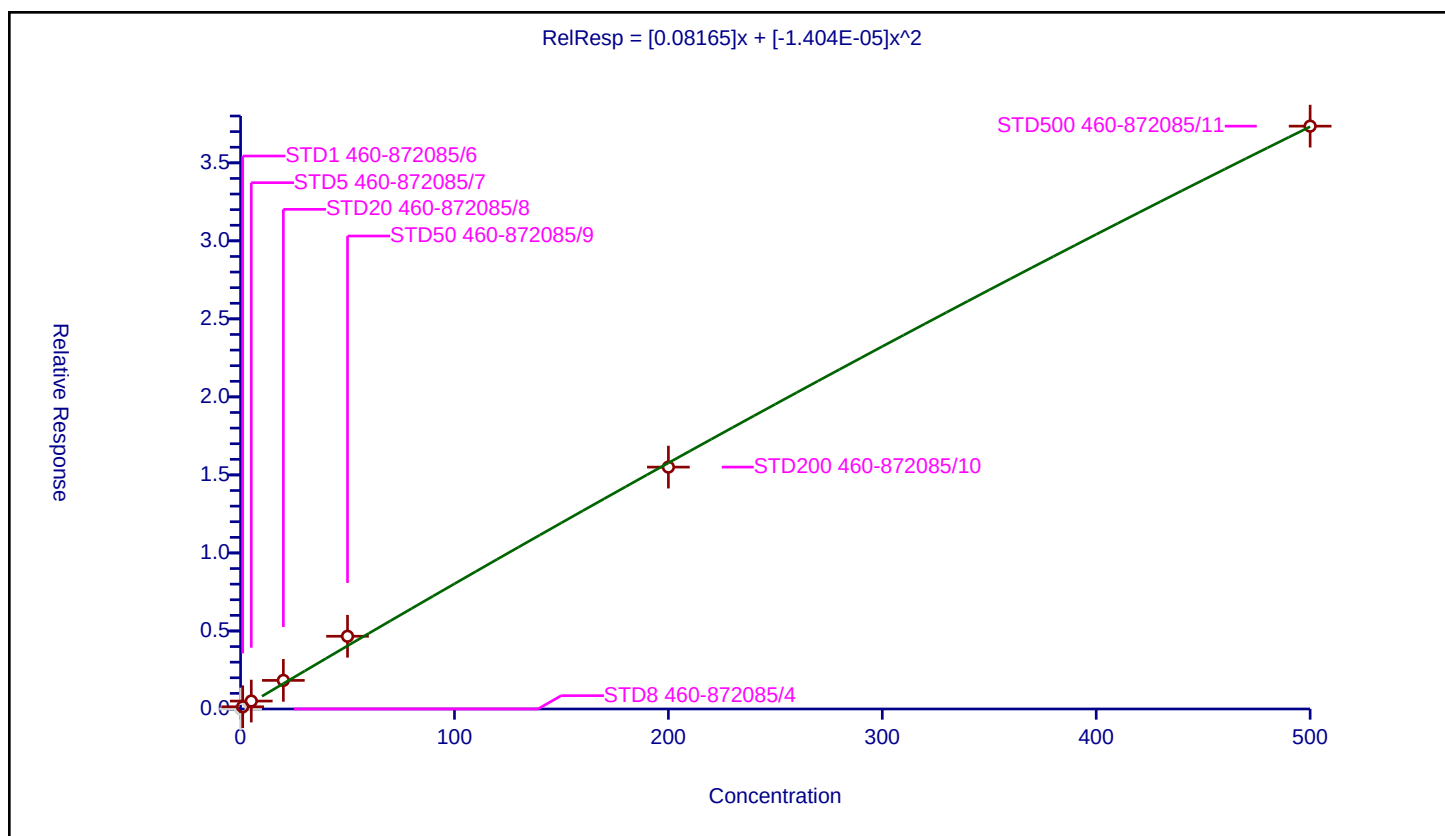
Curve Coefficients

Intercept: 0
 Slope: 0.08165
 Second Order: -1.404E-05

Error Coefficients

Standard Error: 181000
 Relative Standard Error: 40.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.1427	50.0	406798.0	0.1427	Y
3	STD5 460-872085/7	5.0	0.507802	50.0	389817.0	0.10156	Y
4	STD20 460-872085/8	20.0	1.832472	50.0	396841.0	0.091624	Y
5	STD50 460-872085/9	50.0	4.661835	50.0	359440.0	0.093237	Y
6	STD200 460-872085/10	200.0	15.500255	50.0	436138.0	0.077501	Y
7	STD500 460-872085/11	500.0	37.351206	50.0	447264.0	0.074702	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

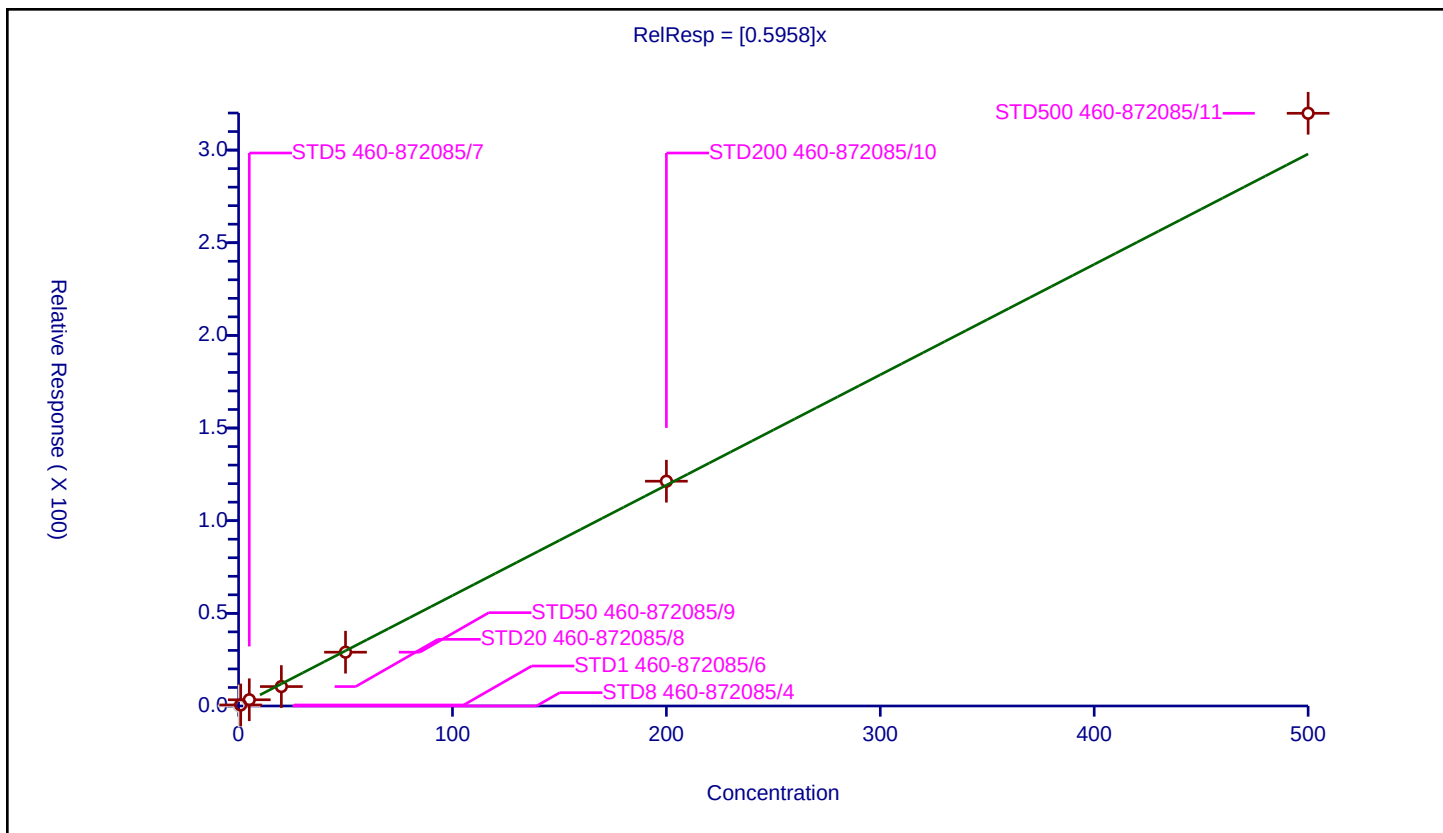
Curve Coefficients

Intercept: 0
 Slope: 0.5958

Error Coefficients

Standard Error: 1370000
 Relative Standard Error: 9.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	50.0	666788.0	0.0	N
2	STD1 460-872085/6	1.0	0.551994	50.0	406798.0	0.551994	Y
3	STD5 460-872085/7	5.0	3.356447	50.0	389817.0	0.671289	Y
4	STD20 460-872085/8	20.0	10.4906	50.0	396841.0	0.52453	Y
5	STD50 460-872085/9	50.0	29.035305	50.0	359440.0	0.580706	Y
6	STD200 460-872085/10	200.0	121.306674	50.0	436138.0	0.606533	Y
7	STD500 460-872085/11	500.0	319.859635	50.0	447264.0	0.639719	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

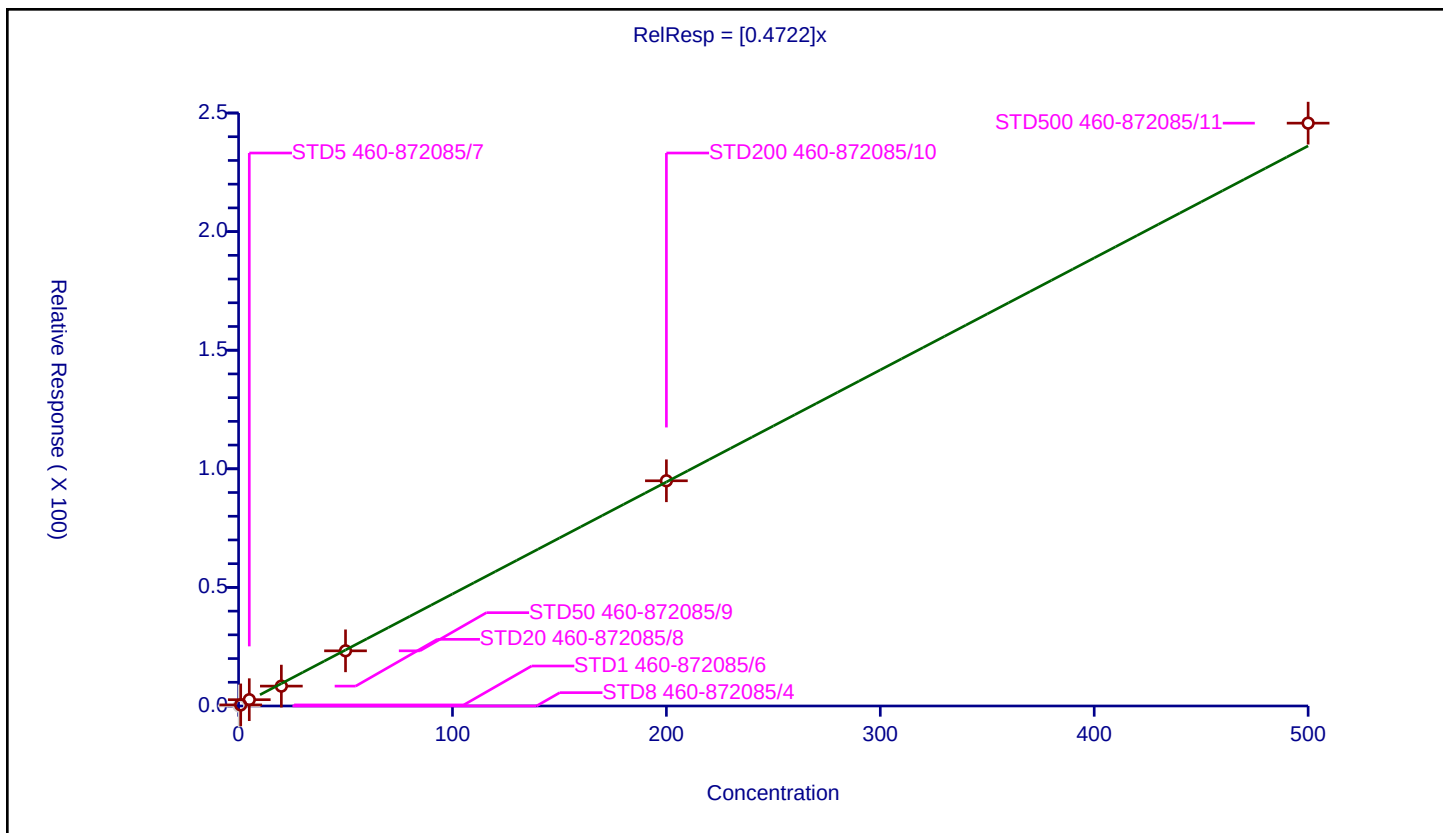
Curve Coefficients

Intercept: 0
 Slope: 0.4722

Error Coefficients

Standard Error: 1050000
 Relative Standard Error: 8.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	50.0	666788.0	0.0	N
2	STD1 460-872085/6	1.0	0.452559	50.0	406798.0	0.452559	Y
3	STD5 460-872085/7	5.0	2.654322	50.0	389817.0	0.530864	Y
4	STD20 460-872085/8	20.0	8.375773	50.0	396841.0	0.418789	Y
5	STD50 460-872085/9	50.0	23.252281	50.0	359440.0	0.465046	Y
6	STD200 460-872085/10	200.0	94.955266	50.0	436138.0	0.474776	Y
7	STD500 460-872085/11	500.0	245.730486	50.0	447264.0	0.491461	Y



Calibration

/ Butadiene

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

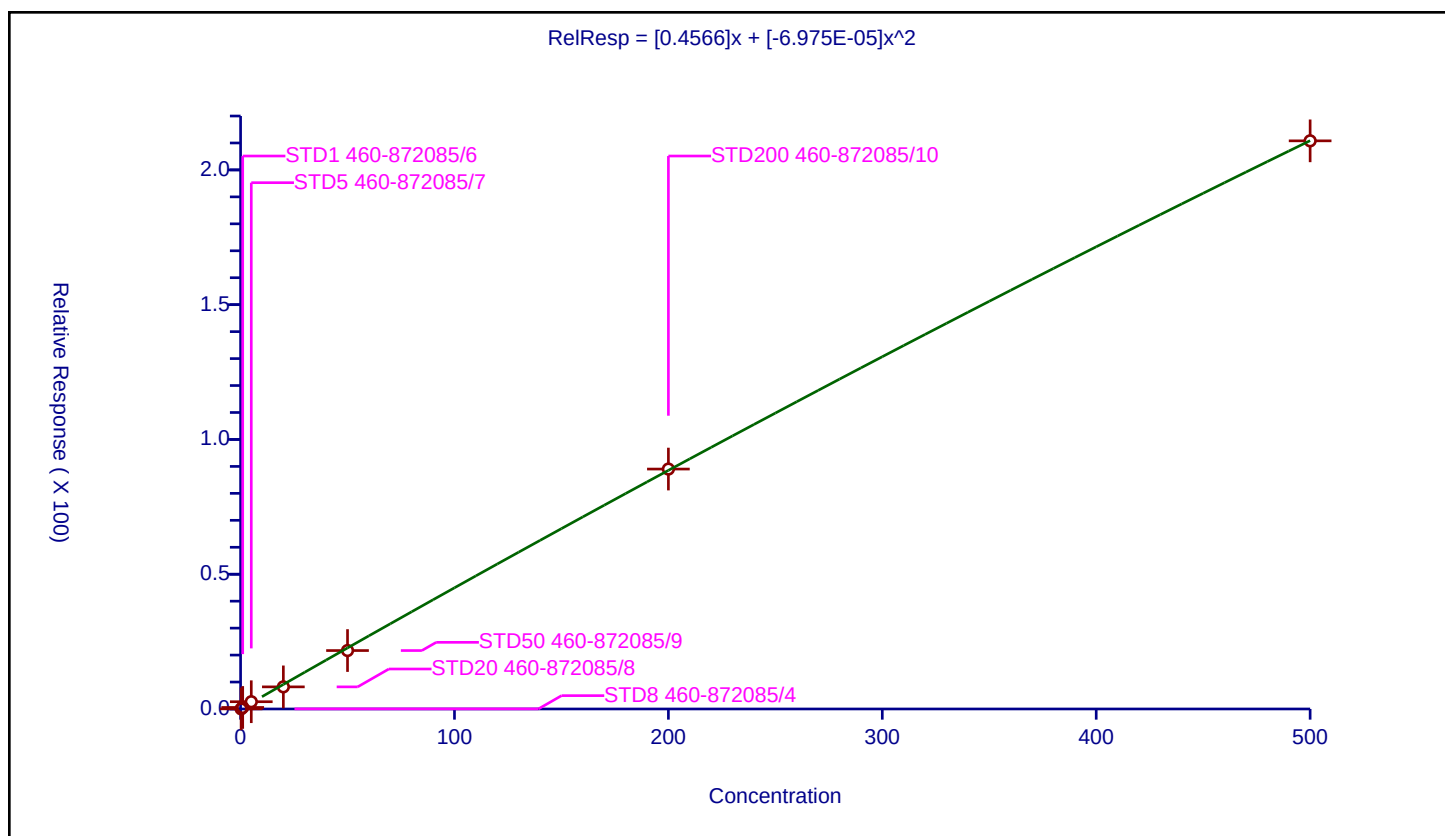
Curve Coefficients

Intercept: 0
 Slope: 0.4566
 Second Order: -6.975E-05

Error Coefficients

Standard Error: 915000
 Relative Standard Error: 30.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.044917	50.0	666788.0	0.179667	Y
2	STD1 460-872085/6	1.0	0.5649	50.0	406798.0	0.5649	Y
3	STD5 460-872085/7	5.0	2.695111	50.0	389817.0	0.539022	Y
4	STD20 460-872085/8	20.0	8.211097	50.0	396841.0	0.410555	Y
5	STD50 460-872085/9	50.0	21.684982	50.0	359440.0	0.4337	Y
6	STD200 460-872085/10	200.0	89.017238	50.0	436138.0	0.445086	Y
7	STD500 460-872085/11	500.0	210.791725	50.0	447264.0	0.421583	Y



Calibration

/ Bromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

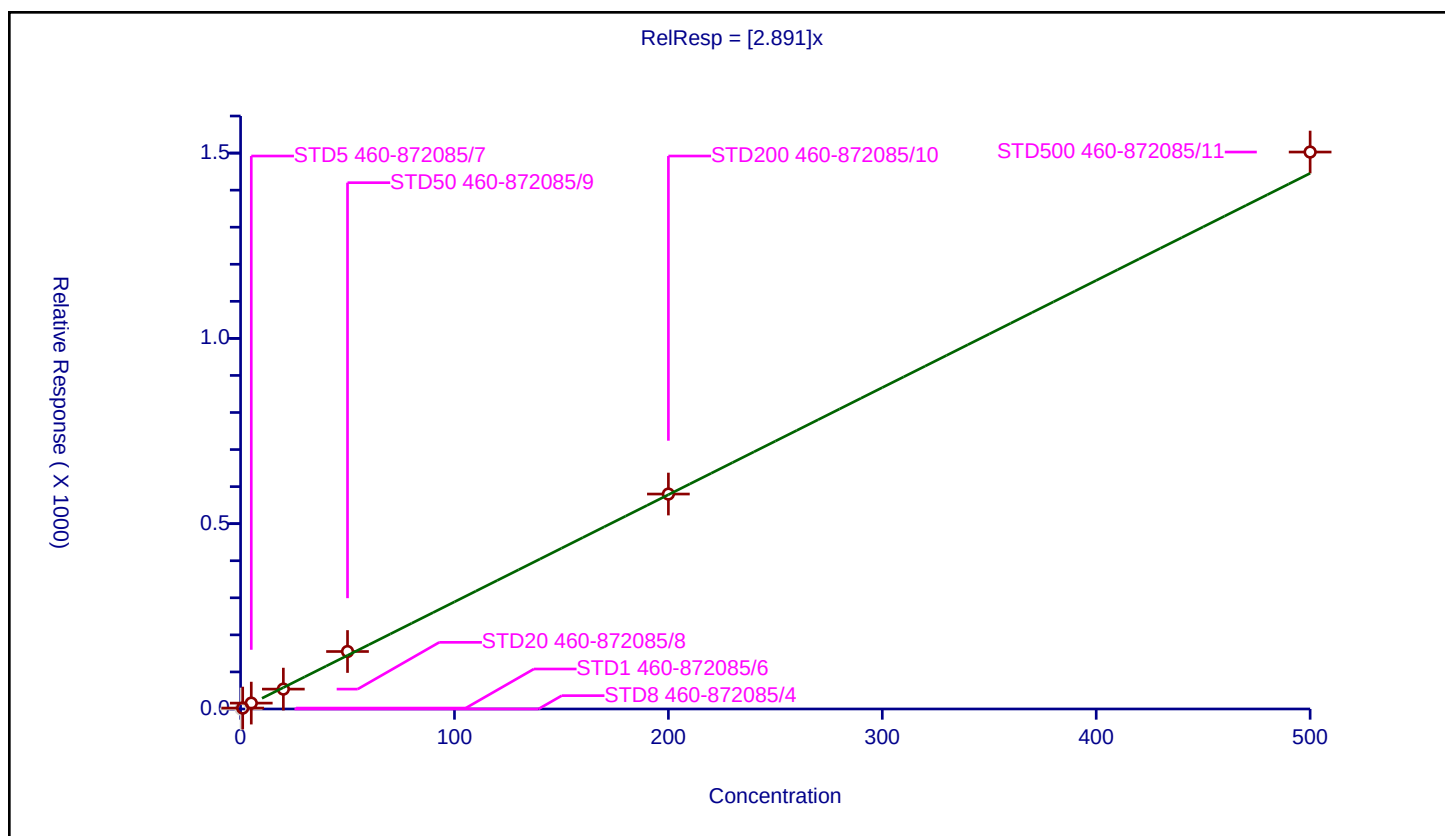
Curve Coefficients

Intercept: 0
 Slope: 2.891

Error Coefficients

Standard Error: 813000
 Relative Standard Error: 9.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	250.0	372398.0	0.0	N
2	STD1 460-872085/6	1.0	2.474965	250.0	236771.0	2.474965	Y
3	STD5 460-872085/7	5.0	15.89932	250.0	233988.0	3.179864	Y
4	STD20 460-872085/8	20.0	53.649793	250.0	235164.0	2.68249	Y
5	STD50 460-872085/9	50.0	155.120065	250.0	209636.0	3.102401	Y
6	STD200 460-872085/10	200.0	579.980337	250.0	265981.0	2.899902	Y
7	STD500 460-872085/11	500.0	1502.815254	250.0	283811.0	3.005631	Y



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

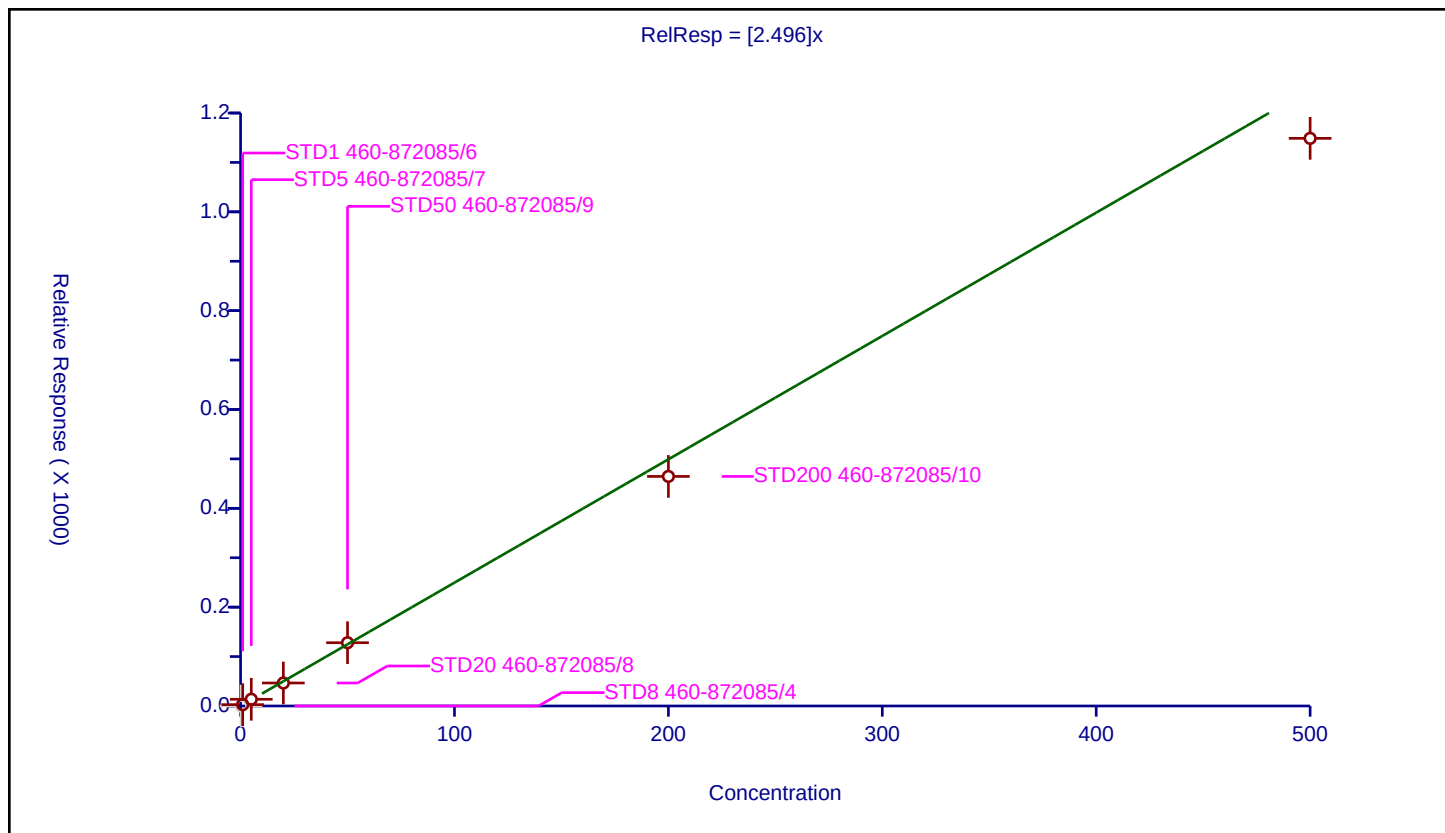
Curve Coefficients

Intercept: 0
 Slope: 2.496

Error Coefficients

Standard Error: 625000
 Relative Standard Error: 8.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	250.0	372398.0	0.0	N
2	STD1 460-872085/6	1.0	2.750548	250.0	236771.0	2.750548	Y
3	STD5 460-872085/7	5.0	13.581893	250.0	233988.0	2.716379	Y
4	STD20 460-872085/8	20.0	46.558997	250.0	235164.0	2.32795	Y
5	STD50 460-872085/9	50.0	128.0386	250.0	209636.0	2.560772	Y
6	STD200 460-872085/10	200.0	464.570778	250.0	265981.0	2.322854	Y
7	STD500 460-872085/11	500.0	1148.706357	250.0	283811.0	2.297413	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

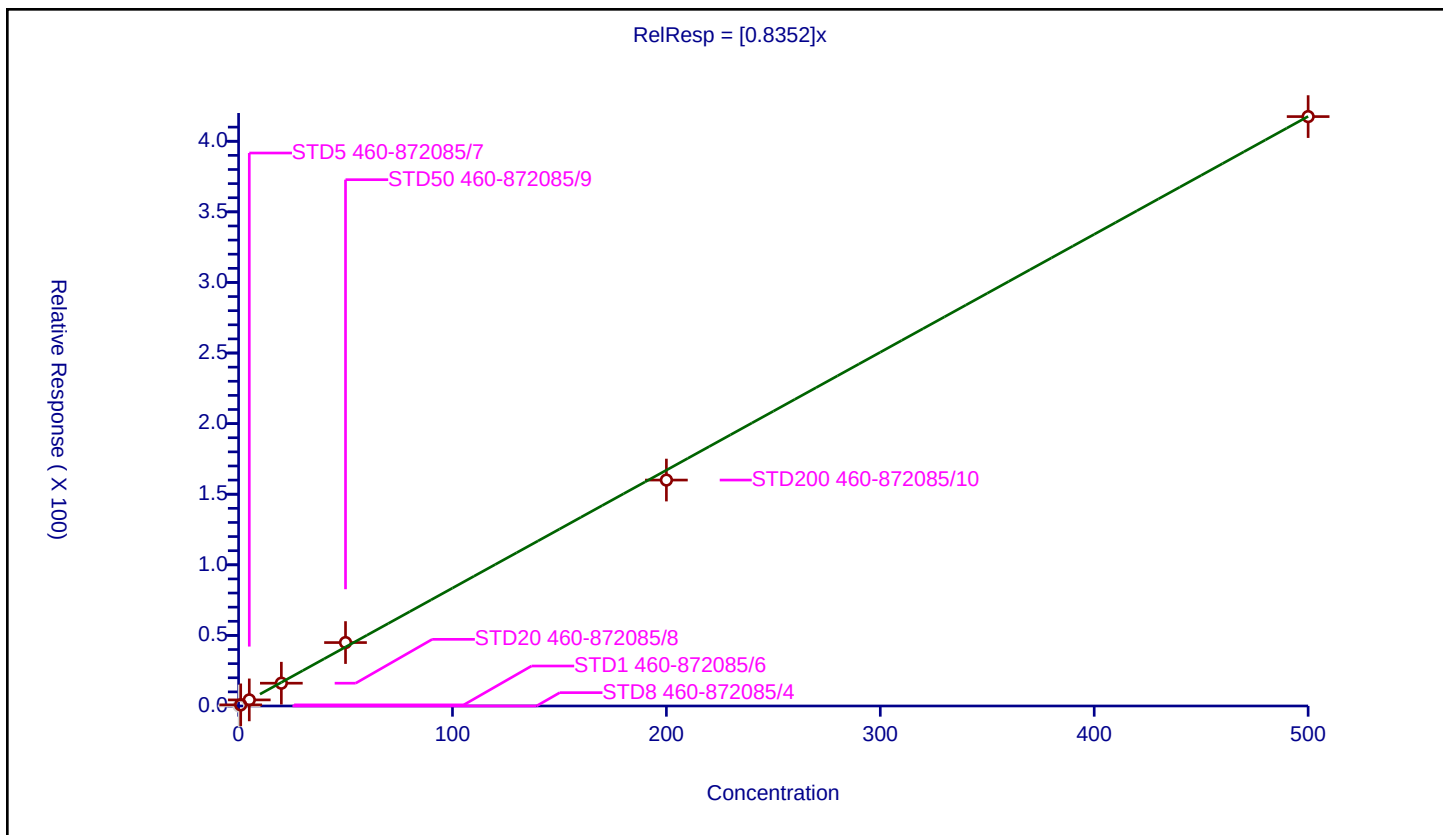
Curve Coefficients

Intercept: 0
 Slope: 0.8352

Error Coefficients

Standard Error: 1790000
 Relative Standard Error: 4.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	50.0	666788.0	0.0	N
2	STD1 460-872085/6	1.0	0.808878	50.0	406798.0	0.808878	Y
3	STD5 460-872085/7	5.0	4.307406	50.0	389817.0	0.861481	Y
4	STD20 460-872085/8	20.0	16.144501	50.0	396841.0	0.807225	Y
5	STD50 460-872085/9	50.0	44.931421	50.0	359440.0	0.898628	Y
6	STD200 460-872085/10	200.0	160.021599	50.0	436138.0	0.800108	Y
7	STD500 460-872085/11	500.0	417.466753	50.0	447264.0	0.834934	Y



Calibration

/ Pentane

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

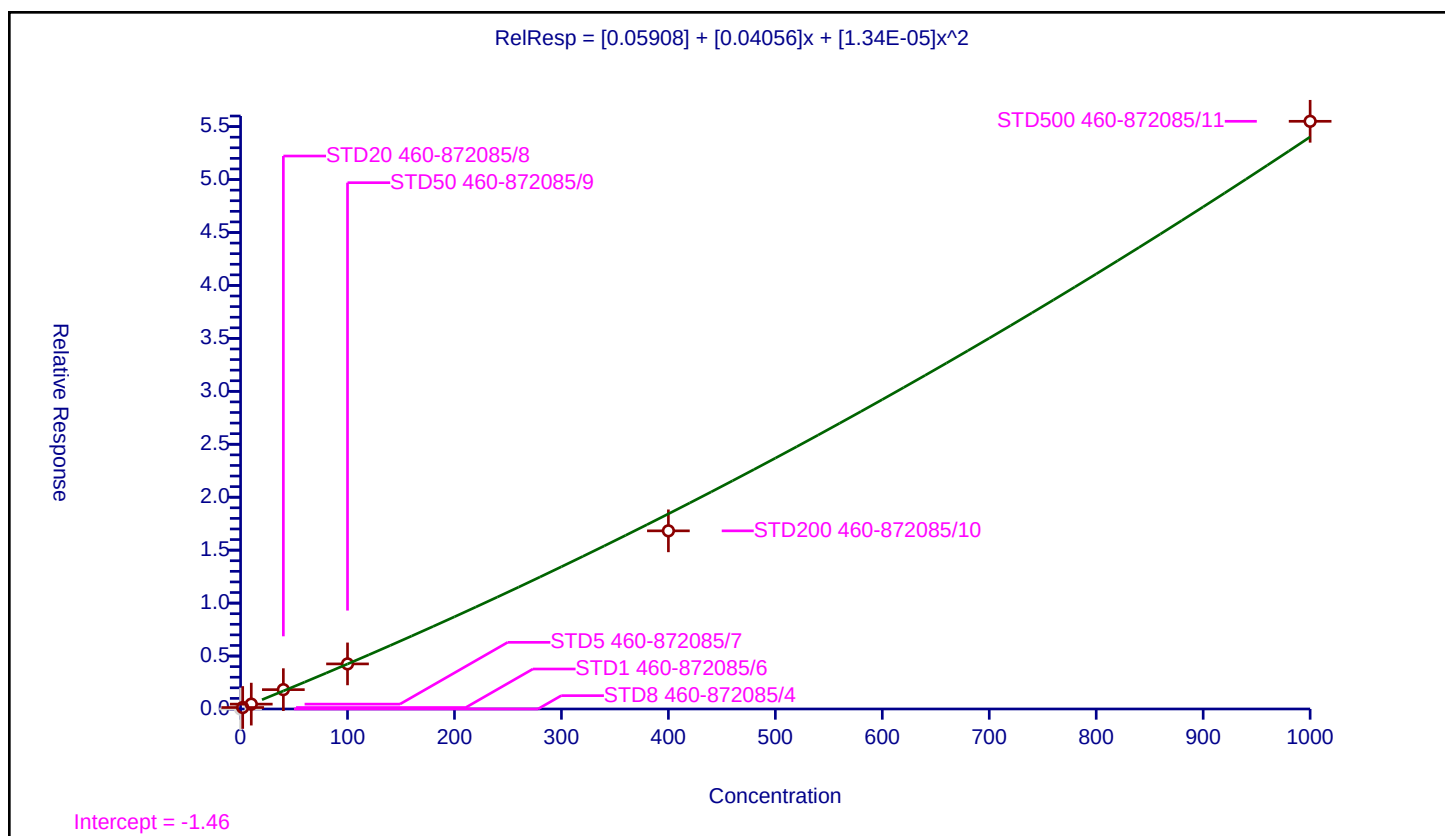
Curve Coefficients

Intercept: 0.05908
 Slope: 0.04056
 Second Order: 1.34E-05

Error Coefficients

Standard Error: 300000
 Relative Standard Error: 6.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	2.0	0.140242	50.0	406798.0	0.070121	Y
3	STD5 460-872085/7	10.0	0.459575	50.0	389817.0	0.045957	Y
4	STD20 460-872085/8	40.0	1.827432	50.0	396841.0	0.045686	Y
5	STD50 460-872085/9	100.0	4.257456	50.0	359440.0	0.042575	Y
6	STD200 460-872085/10	400.0	16.82495	50.0	436138.0	0.042062	Y
7	STD500 460-872085/11	1000.0	55.500778	50.0	447264.0	0.055501	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

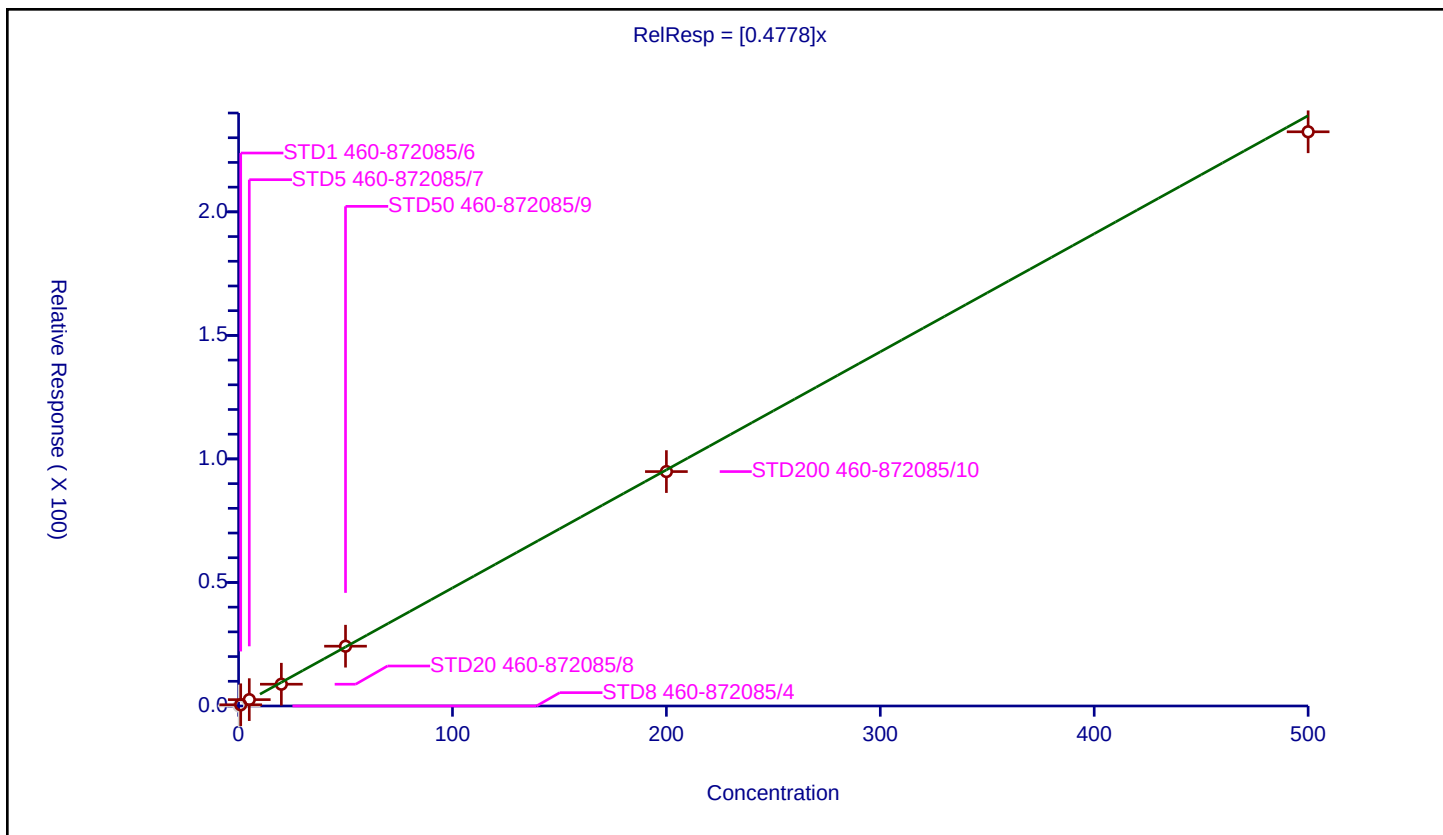
Curve Coefficients

Intercept: 0
 Slope: 0.4778

Error Coefficients

Standard Error: 1000000
 Relative Standard Error: 5.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.25	0.0	50.0	666788.0	0.0	N
2	STD1 460-872085/6	1.0	0.487097	50.0	406798.0	0.487097	Y
3	STD5 460-872085/7	5.0	2.579031	50.0	389817.0	0.515806	Y
4	STD20 460-872085/8	20.0	8.816251	50.0	396841.0	0.440813	Y
5	STD50 460-872085/9	50.0	24.206683	50.0	359440.0	0.484134	Y
6	STD200 460-872085/10	200.0	94.874329	50.0	436138.0	0.474372	Y
7	STD500 460-872085/11	500.0	232.396415	50.0	447264.0	0.464793	Y



Calibration

/ Ethanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

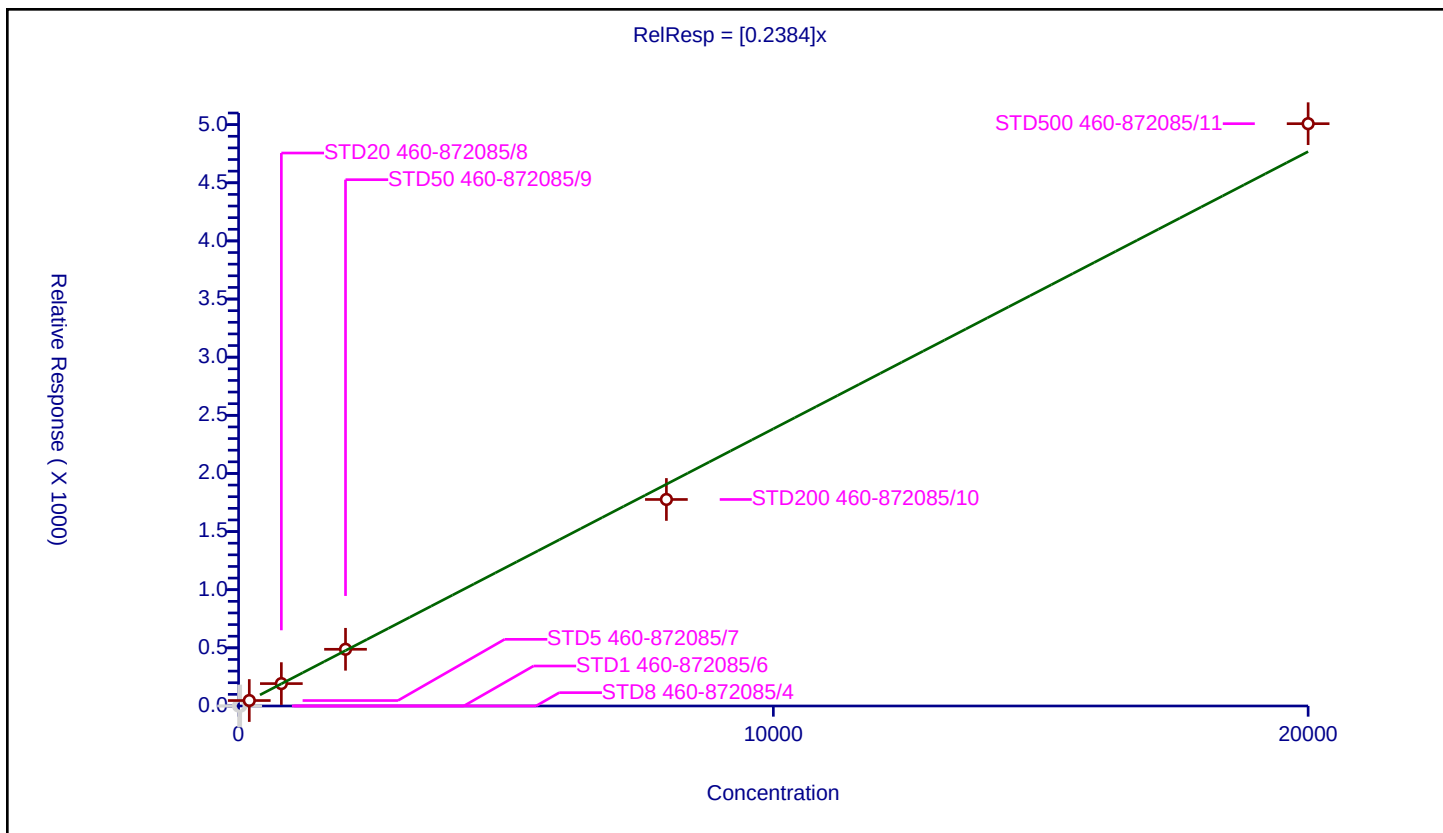
Curve Coefficients

Intercept: 0
Slope: 0.2384

Error Coefficients

Standard Error: 101000
Relative Standard Error: 4.5
Correlation Coefficient: 0.991
Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	40.0	0.0	1000.0	31917.0	0.0	N
3	STD5 460-872085/7	200.0	47.013012	1000.0	31587.0	0.235065	Y
4	STD20 460-872085/8	800.0	192.518278	1000.0	30501.0	0.240648	Y
5	STD50 460-872085/9	2000.0	487.730631	1000.0	26937.0	0.243865	Y
6	STD200 460-872085/10	8000.0	1776.145203	1000.0	33553.0	0.222018	Y
7	STD500 460-872085/11	20000.0	5008.265934	1000.0	39318.0	0.250413	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

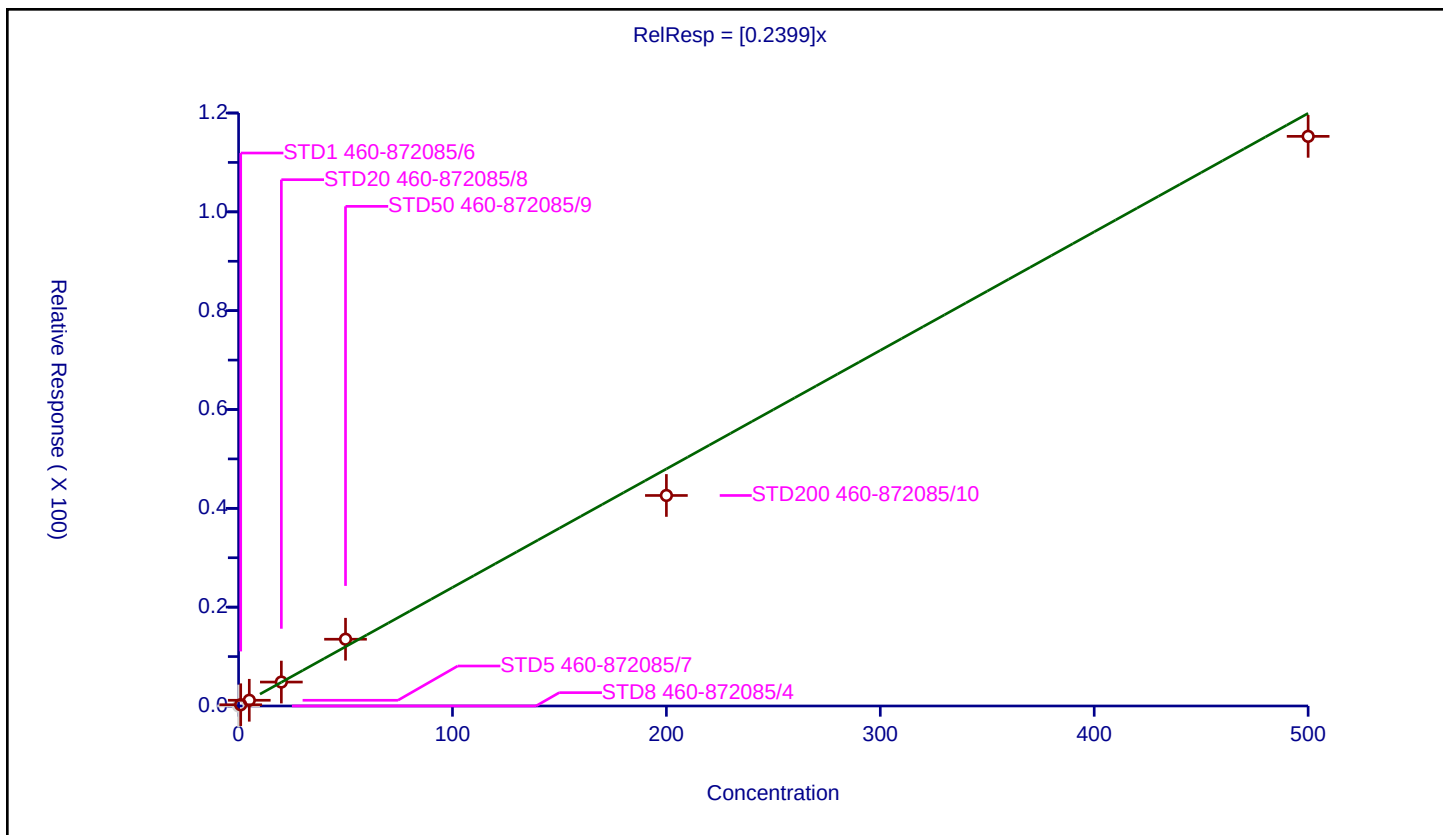
Curve Coefficients

Intercept: 0
 Slope: 0.2399

Error Coefficients

Standard Error: 492000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.251353	50.0	406798.0	0.251353	Y
3	STD5 460-872085/7	5.0	1.15939	50.0	389817.0	0.231878	Y
4	STD20 460-872085/8	20.0	4.845013	50.0	396841.0	0.242251	Y
5	STD50 460-872085/9	50.0	13.510461	50.0	359440.0	0.270209	Y
6	STD200 460-872085/10	200.0	42.604864	50.0	436138.0	0.213024	Y
7	STD500 460-872085/11	500.0	115.278225	50.0	447264.0	0.230556	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

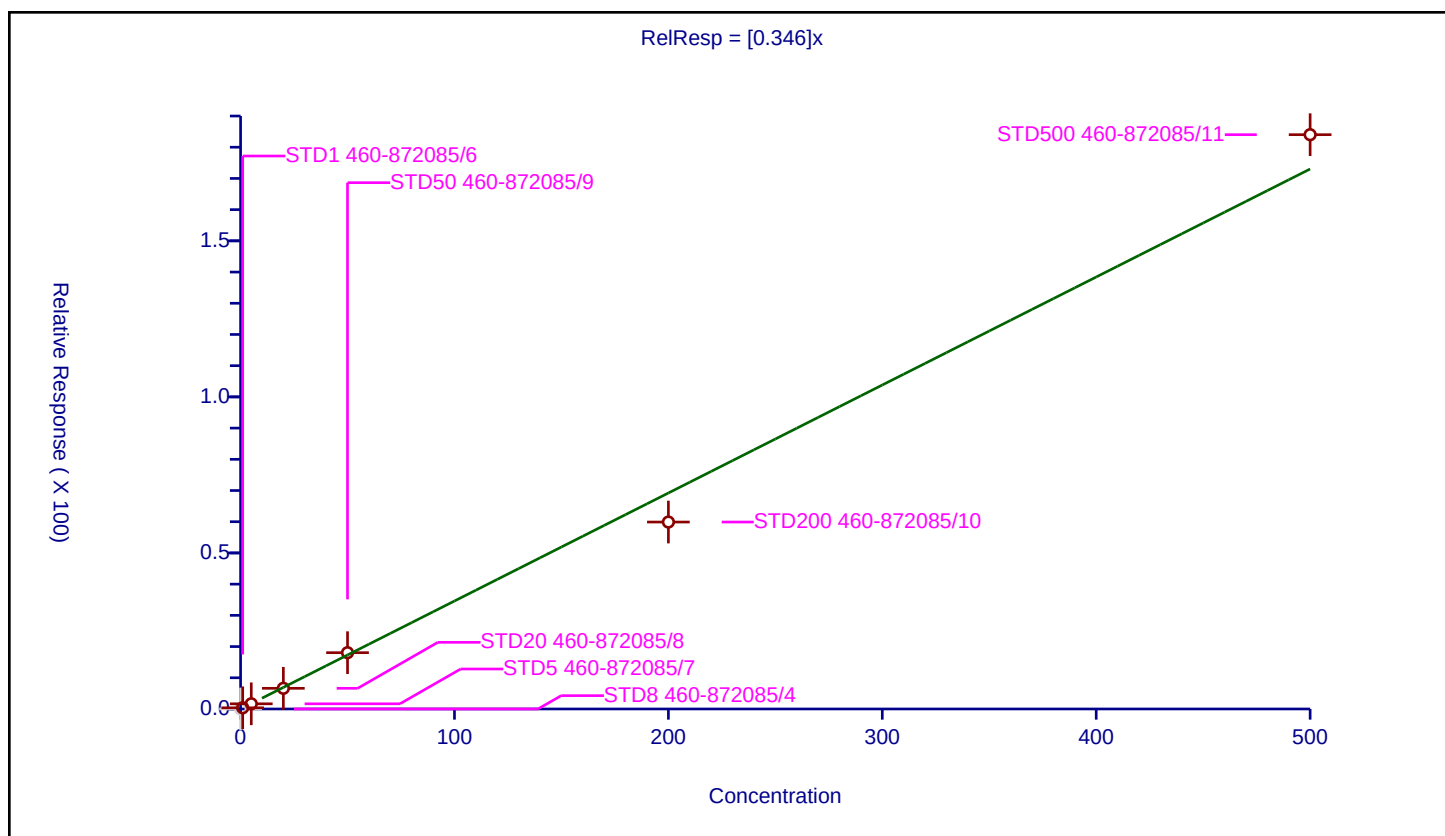
Curve Coefficients

Intercept: 0
 Slope: 0.346

Error Coefficients

Standard Error: 775000
 Relative Standard Error: 8.9
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.383851	50.0	406798.0	0.383851	Y
3	STD5 460-872085/7	5.0	1.663216	50.0	389817.0	0.332643	Y
4	STD20 460-872085/8	20.0	6.627339	50.0	396841.0	0.331367	Y
5	STD50 460-872085/9	50.0	18.040841	50.0	359440.0	0.360817	Y
6	STD200 460-872085/10	200.0	59.901682	50.0	436138.0	0.299508	Y
7	STD500 460-872085/11	500.0	184.022635	50.0	447264.0	0.368045	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

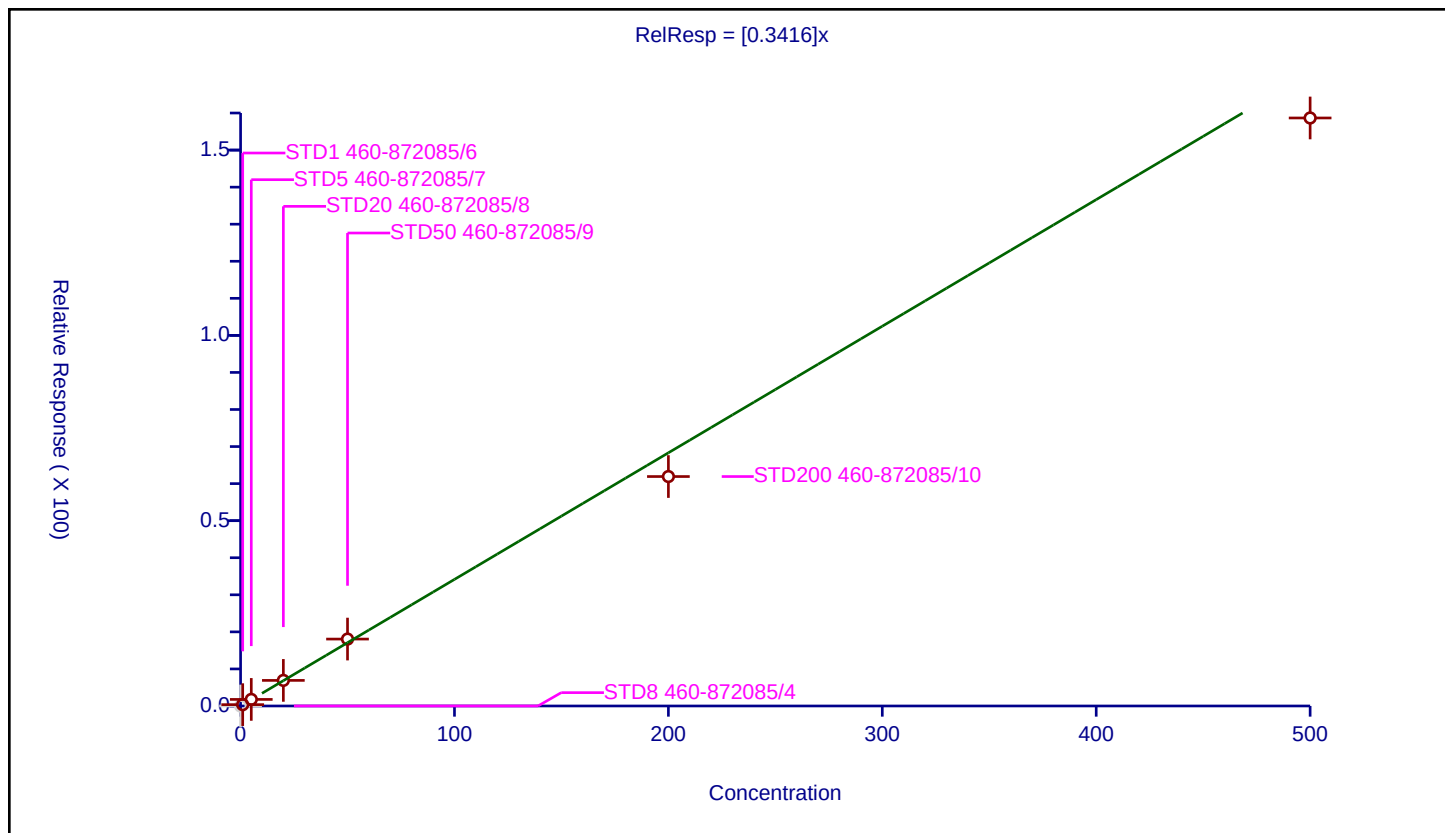
Curve Coefficients

Intercept: 0
 Slope: 0.3416

Error Coefficients

Standard Error: 682000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.361359	50.0	406798.0	0.361359	Y
3	STD5 460-872085/7	5.0	1.774038	50.0	389817.0	0.354808	Y
4	STD20 460-872085/8	20.0	6.904906	50.0	396841.0	0.345245	Y
5	STD50 460-872085/9	50.0	18.054474	50.0	359440.0	0.361089	Y
6	STD200 460-872085/10	200.0	61.916068	50.0	436138.0	0.30958	Y
7	STD500 460-872085/11	500.0	158.660769	50.0	447264.0	0.317322	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

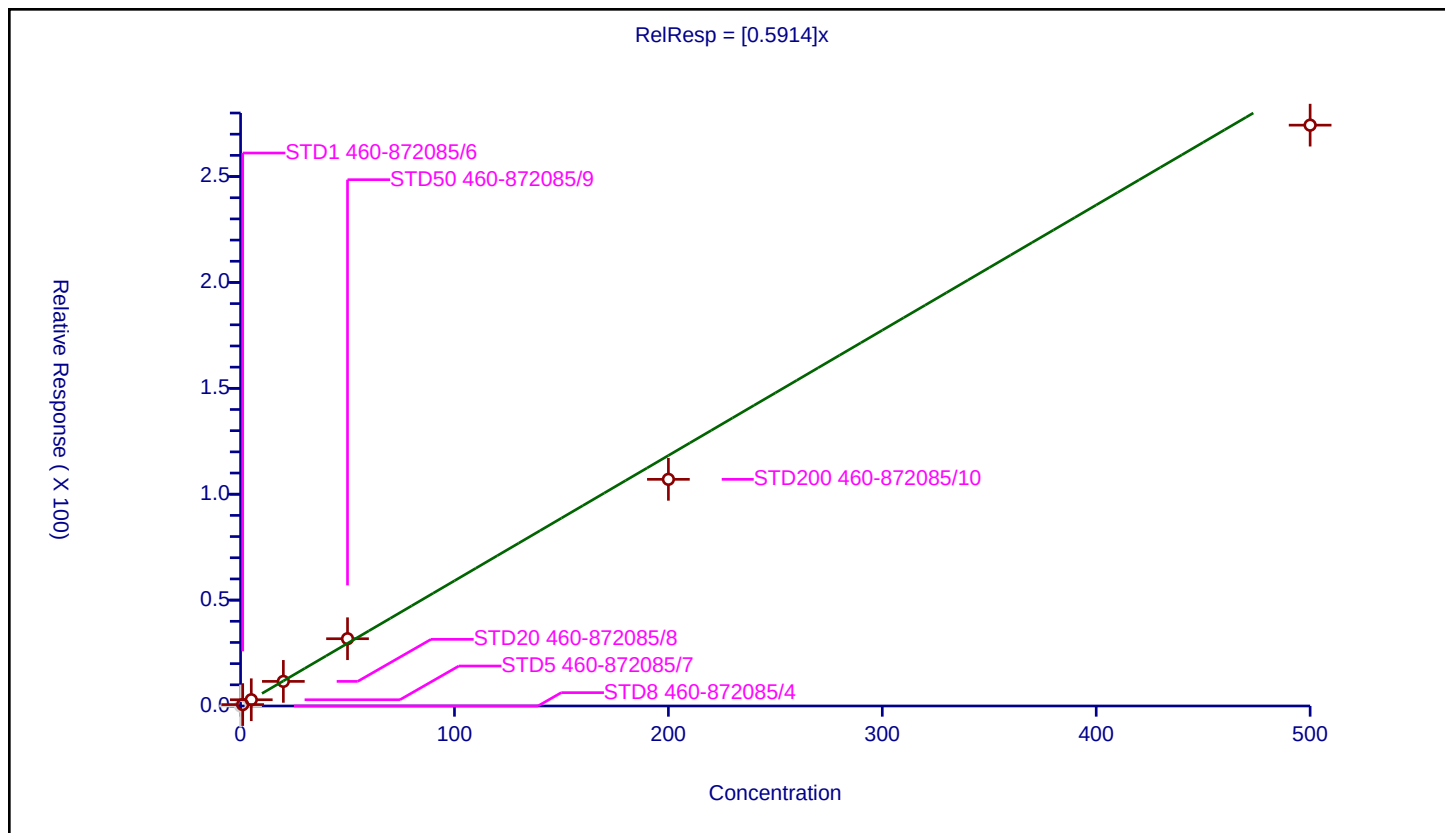
Curve Coefficients

Intercept: 0
 Slope: 0.5914

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.659295	50.0	406798.0	0.659295	Y
3	STD5 460-872085/7	5.0	2.946383	50.0	389817.0	0.589277	Y
4	STD20 460-872085/8	20.0	11.621153	50.0	396841.0	0.581058	Y
5	STD50 460-872085/9	50.0	31.760655	50.0	359440.0	0.635213	Y
6	STD200 460-872085/10	200.0	107.019682	50.0	436138.0	0.535098	Y
7	STD500 460-872085/11	500.0	274.275148	50.0	447264.0	0.54855	Y



Calibration

/ Acrolein

Curve Type: Quadratic
Weighting: None
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

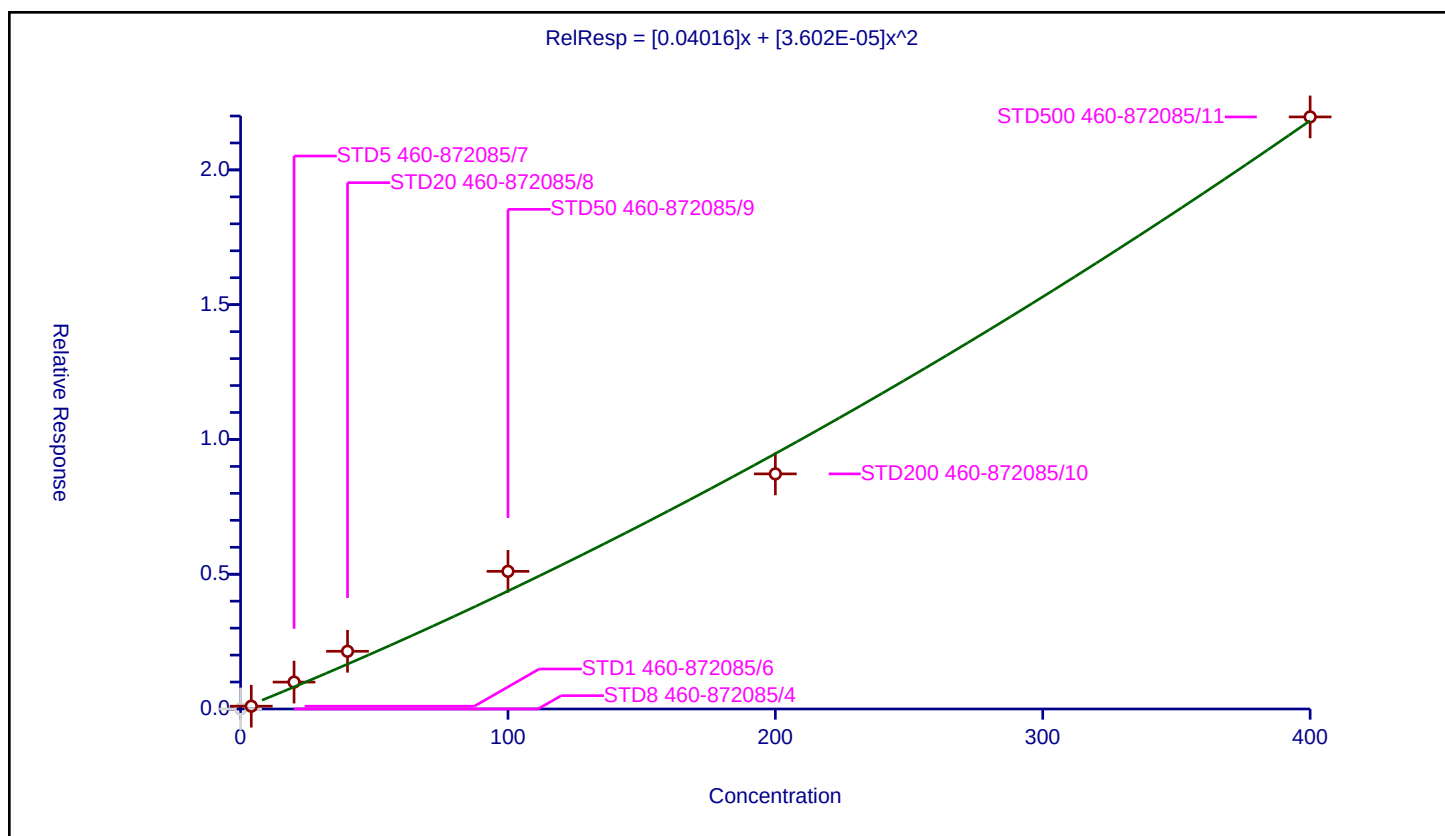
Curve Coefficients

Intercept: 0
Slope: 0.04016
Second Order: 3.602E-05

Error Coefficients

Standard Error: 107000
Relative Standard Error: 26.4
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	4.0	0.103122	50.0	406798.0	0.025781	Y
3	STD5 460-872085/7	20.0	0.997519	50.0	389817.0	0.049876	Y
4	STD20 460-872085/8	40.0	2.14053	50.0	396841.0	0.053513	Y
5	STD50 460-872085/9	100.0	5.106694	50.0	359440.0	0.051067	Y
6	STD200 460-872085/10	200.0	8.722698	50.0	436138.0	0.043613	Y
7	STD500 460-872085/11	400.0	21.96611	50.0	447264.0	0.054915	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

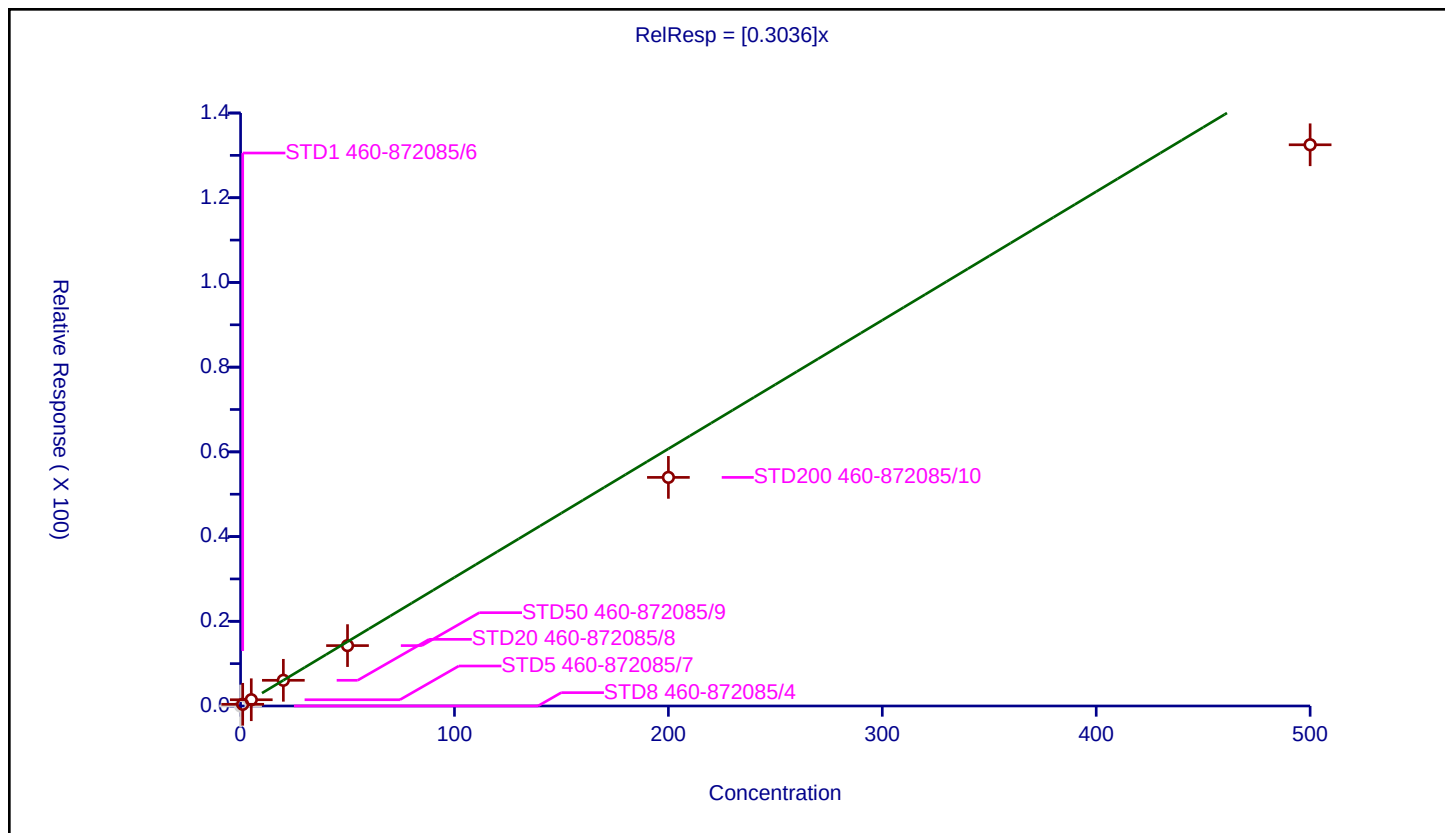
Curve Coefficients

Intercept: 0
Slope: 0.3036

Error Coefficients

Standard Error: 573000
Relative Standard Error: 16.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.402903	50.0	406798.0	0.402903	Y
3	STD5 460-872085/7	5.0	1.477616	50.0	389817.0	0.295523	Y
4	STD20 460-872085/8	20.0	6.064646	50.0	396841.0	0.303232	Y
5	STD50 460-872085/9	50.0	14.254674	50.0	359440.0	0.285093	Y
6	STD200 460-872085/10	200.0	53.969959	50.0	436138.0	0.26985	Y
7	STD500 460-872085/11	500.0	132.503287	50.0	447264.0	0.265007	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

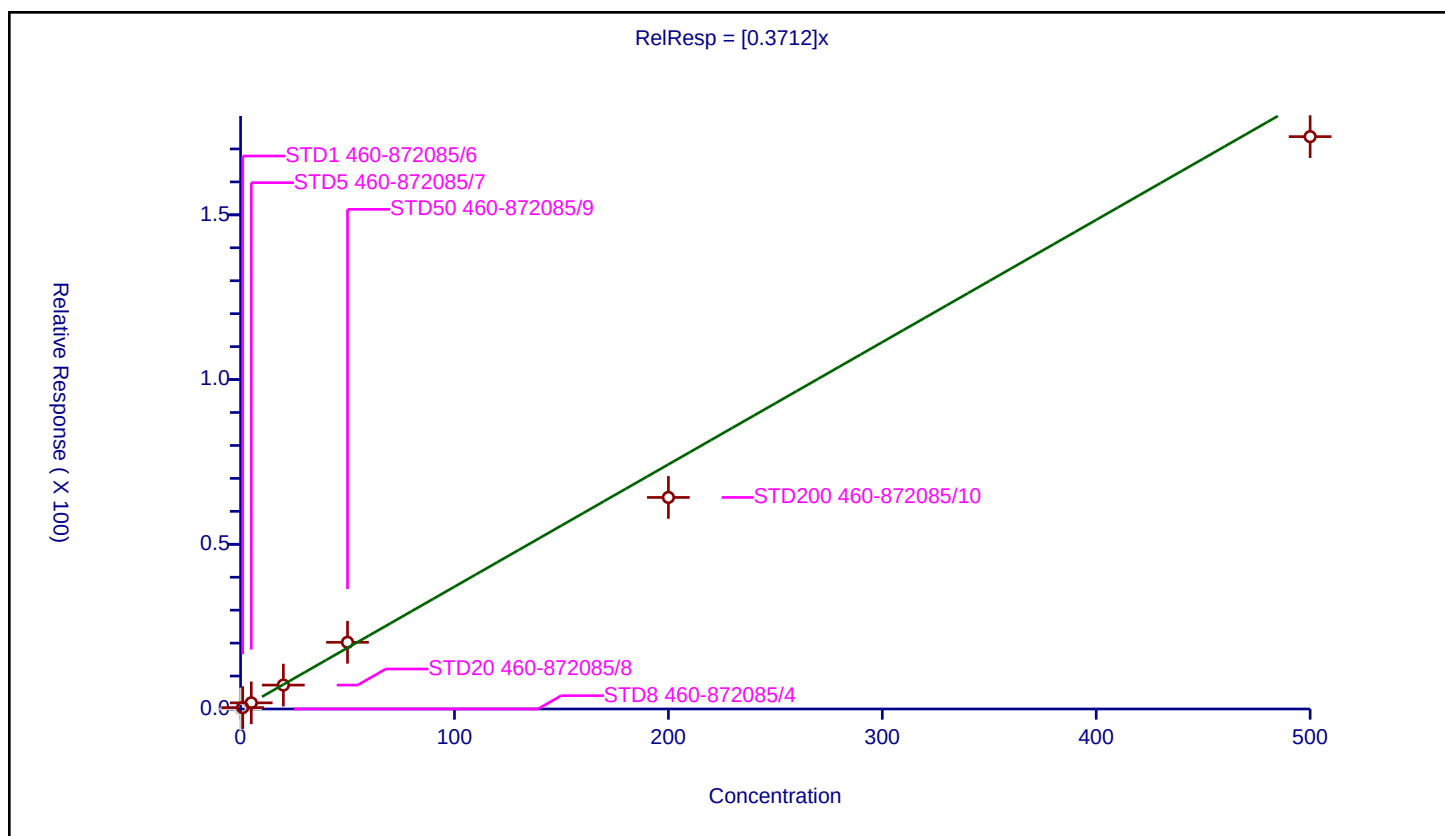
Curve Coefficients

Intercept: 0
 Slope: 0.3712

Error Coefficients

Standard Error: 742000
 Relative Standard Error: 9.7
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.417652	50.0	406798.0	0.417652	Y
3	STD5 460-872085/7	5.0	1.866645	50.0	389817.0	0.373329	Y
4	STD20 460-872085/8	20.0	7.254417	50.0	396841.0	0.362721	Y
5	STD50 460-872085/9	50.0	20.240652	50.0	359440.0	0.404813	Y
6	STD200 460-872085/10	200.0	64.22348	50.0	436138.0	0.321117	Y
7	STD500 460-872085/11	500.0	173.74403	50.0	447264.0	0.347488	Y



Calibration

/ Acetone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

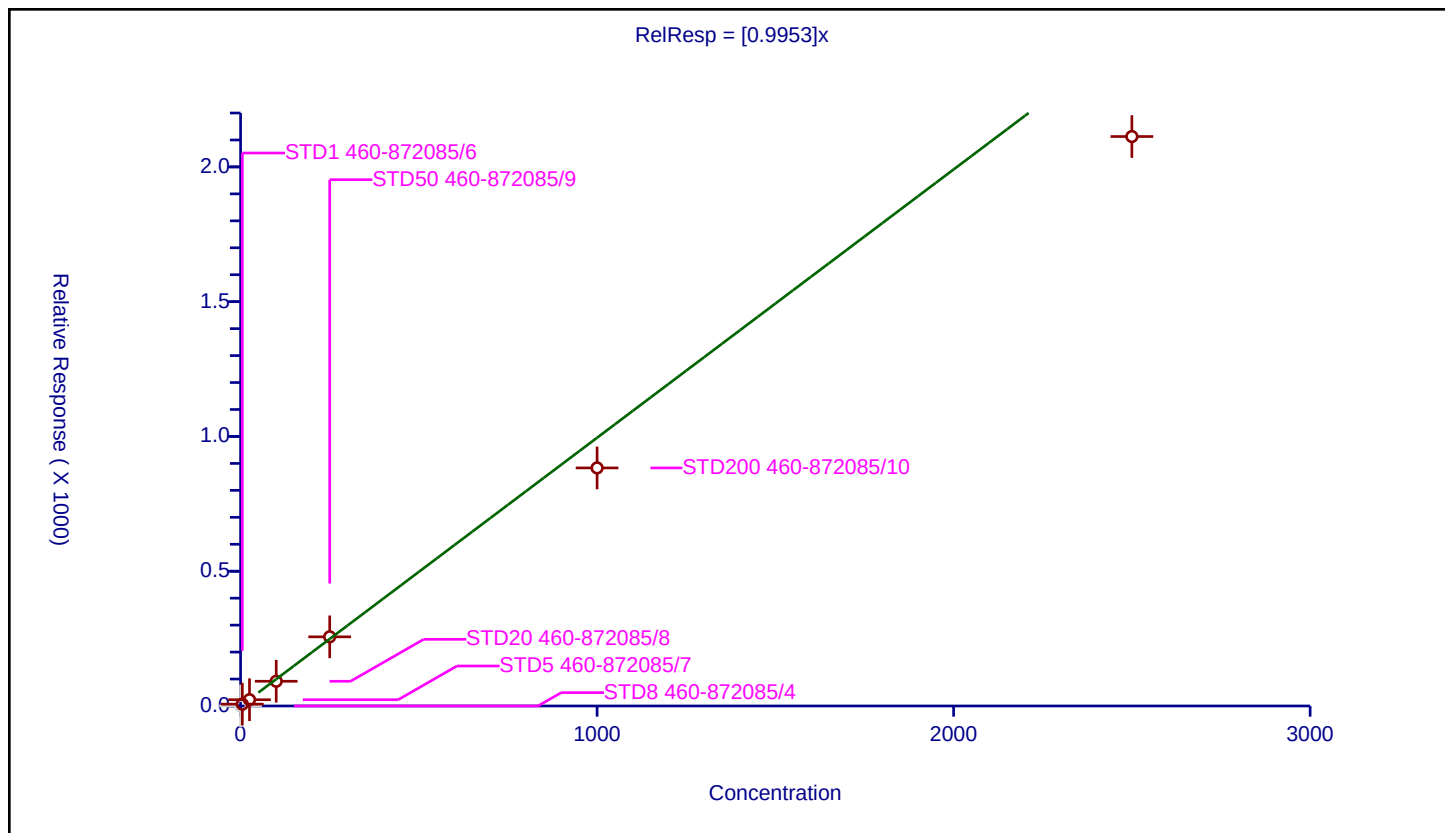
Curve Coefficients

Intercept: 0
 Slope: 0.9953

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 19.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	5.0	6.828328	250.0	236771.0	1.365666	Y
3	STD5 460-872085/7	25.0	23.338804	250.0	233988.0	0.933552	Y
4	STD20 460-872085/8	100.0	91.767873	250.0	235164.0	0.917679	Y
5	STD50 460-872085/9	250.0	256.568528	250.0	209636.0	1.026274	Y
6	STD200 460-872085/10	1000.0	883.275497	250.0	265981.0	0.883275	Y
7	STD500 460-872085/11	2500.0	2112.746687	250.0	283811.0	0.845099	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

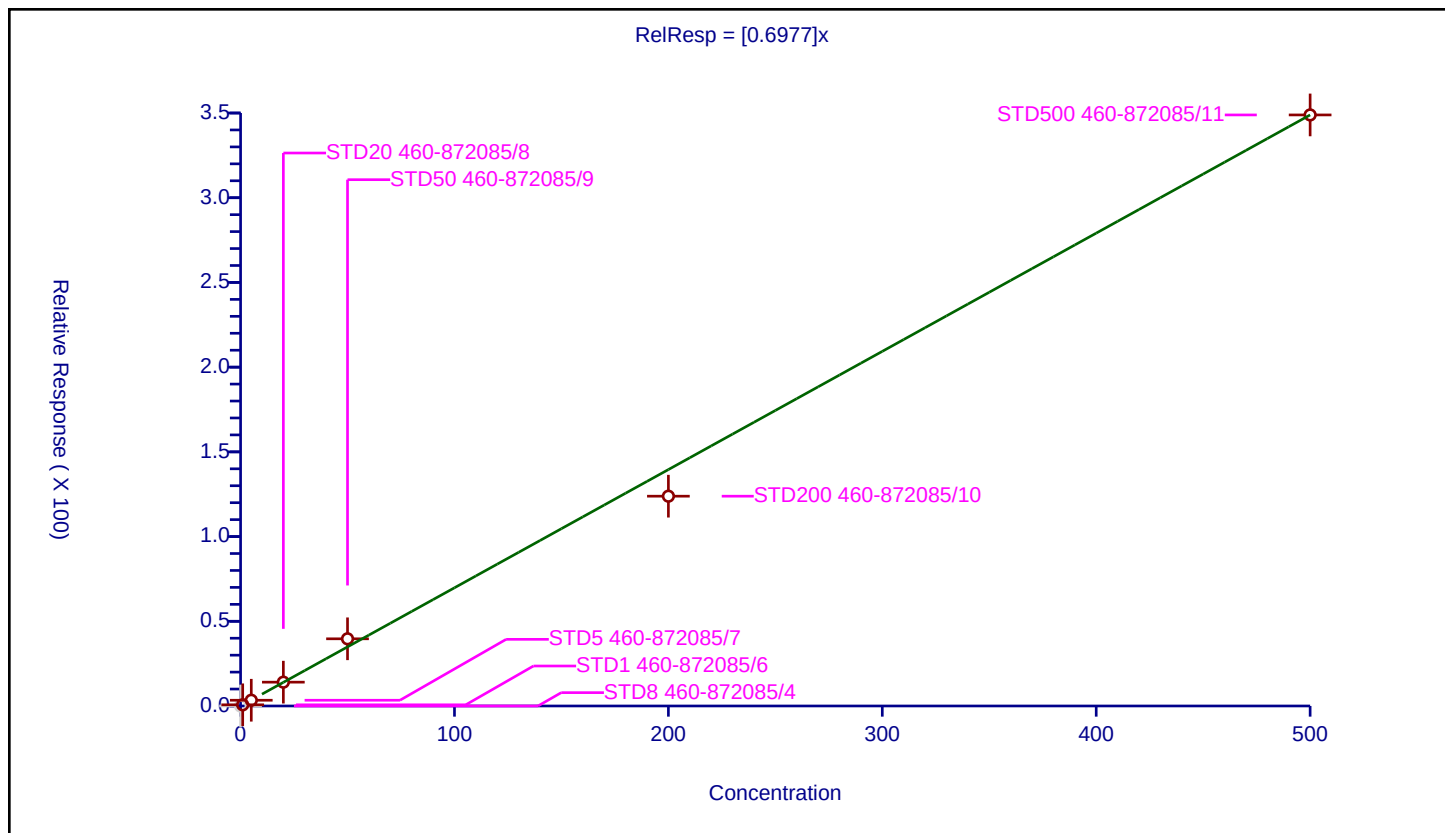
Curve Coefficients

Intercept: 0
Slope: 0.6977

Error Coefficients

Standard Error: 1480000
Relative Standard Error: 8.0
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.693342	50.0	406798.0	0.693342	Y
3	STD5 460-872085/7	5.0	3.399031	50.0	389817.0	0.679806	Y
4	STD20 460-872085/8	20.0	14.063819	50.0	396841.0	0.703191	Y
5	STD50 460-872085/9	50.0	39.653906	50.0	359440.0	0.793078	Y
6	STD200 460-872085/10	200.0	123.837295	50.0	436138.0	0.619186	Y
7	STD500 460-872085/11	500.0	348.872143	50.0	447264.0	0.697744	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

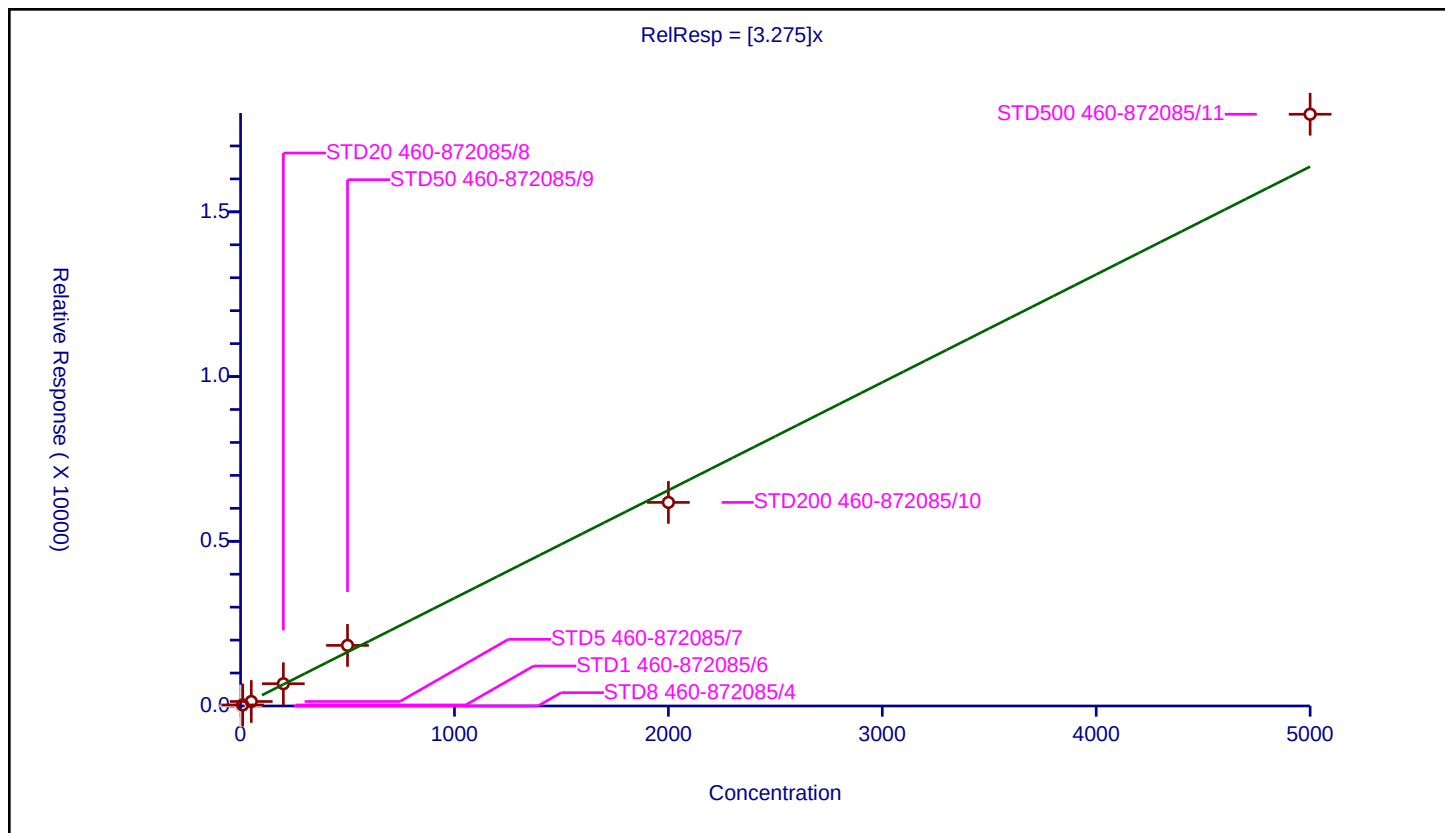
Curve Coefficients

Intercept: 0
 Slope: 3.275

Error Coefficients

Standard Error: 322000
 Relative Standard Error: 10.8
 Correlation Coefficient: 0.989
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	10.0	31.801234	1000.0	31917.0	3.180123	Y
3	STD5 460-872085/7	50.0	136.258587	1000.0	31587.0	2.725172	Y
4	STD20 460-872085/8	200.0	676.338481	1000.0	30501.0	3.381692	Y
5	STD50 460-872085/9	500.0	1839.217433	1000.0	26937.0	3.678435	Y
6	STD200 460-872085/10	2000.0	6180.01371	1000.0	33553.0	3.090007	Y
7	STD500 460-872085/11	5000.0	17962.892314	1000.0	39318.0	3.592578	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

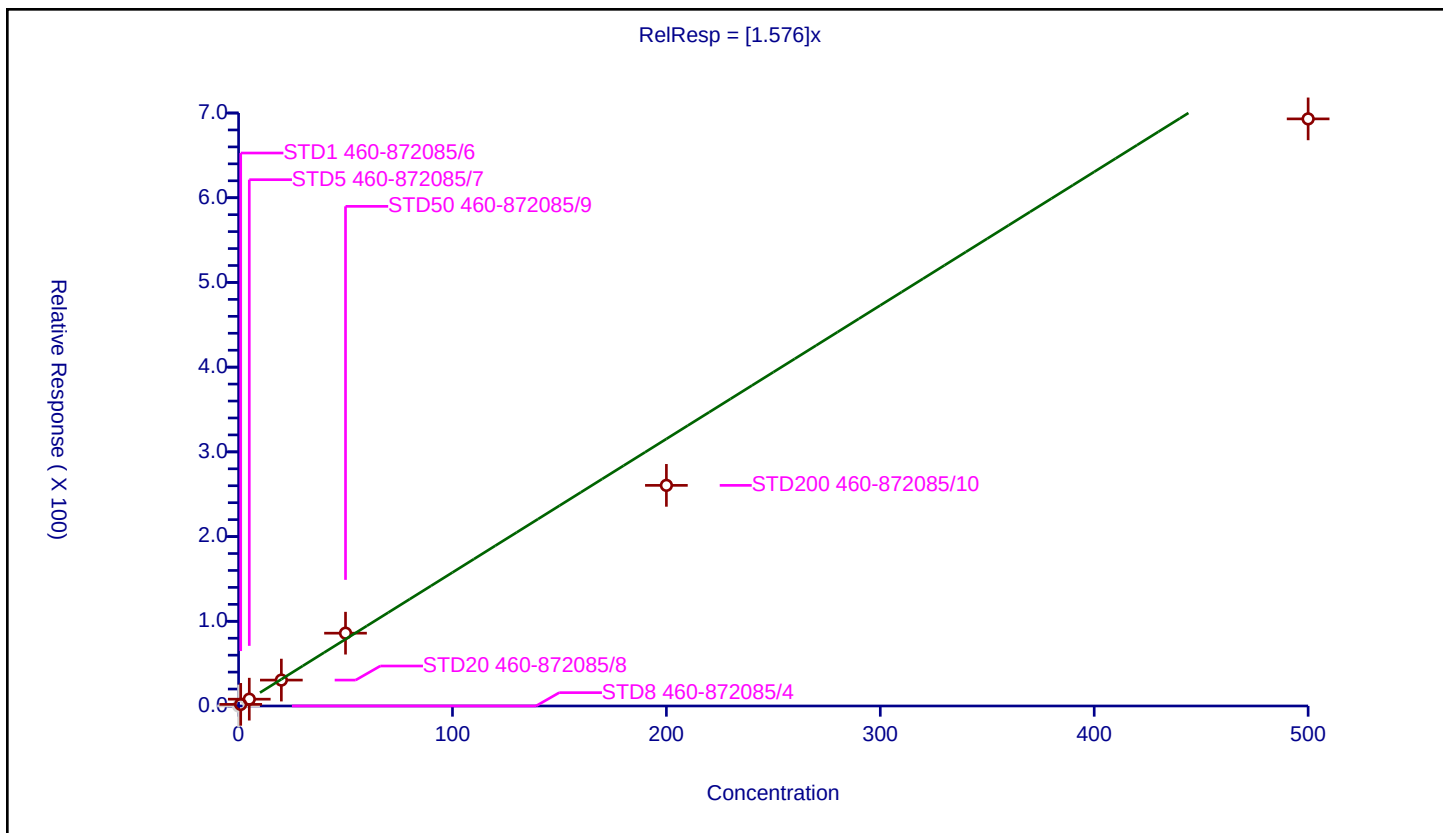
Curve Coefficients

Intercept: 0
 Slope: 1.576

Error Coefficients

Standard Error: 2970000
 Relative Standard Error: 14.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.912251	50.0	406798.0	1.912251	Y
3	STD5 460-872085/7	5.0	8.049033	50.0	389817.0	1.609807	Y
4	STD20 460-872085/8	20.0	30.572824	50.0	396841.0	1.528641	Y
5	STD50 460-872085/9	50.0	85.964417	50.0	359440.0	1.719288	Y
6	STD200 460-872085/10	200.0	260.453916	50.0	436138.0	1.30227	Y
7	STD500 460-872085/11	500.0	693.084845	50.0	447264.0	1.38617	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

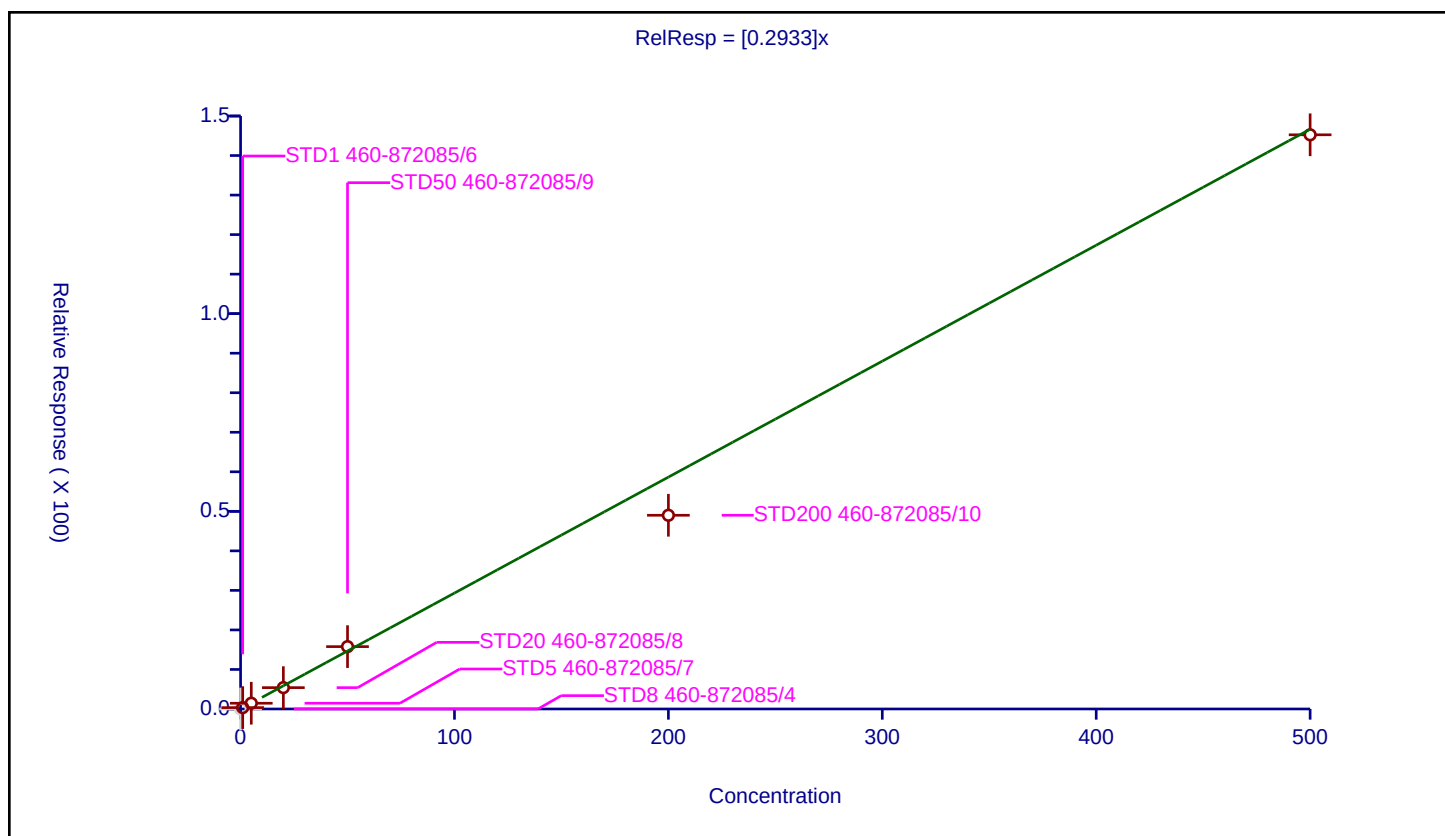
Curve Coefficients

Intercept: 0
Slope: 0.2933

Error Coefficients

Standard Error: 614000
Relative Standard Error: 12.2
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.348084	50.0	406798.0	0.348084	Y
3	STD5 460-872085/7	5.0	1.452476	50.0	389817.0	0.290495	Y
4	STD20 460-872085/8	20.0	5.403172	50.0	396841.0	0.270159	Y
5	STD50 460-872085/9	50.0	15.777042	50.0	359440.0	0.315541	Y
6	STD200 460-872085/10	200.0	49.001921	50.0	436138.0	0.24501	Y
7	STD500 460-872085/11	500.0	145.253922	50.0	447264.0	0.290508	Y



Calibration

/ Acetonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

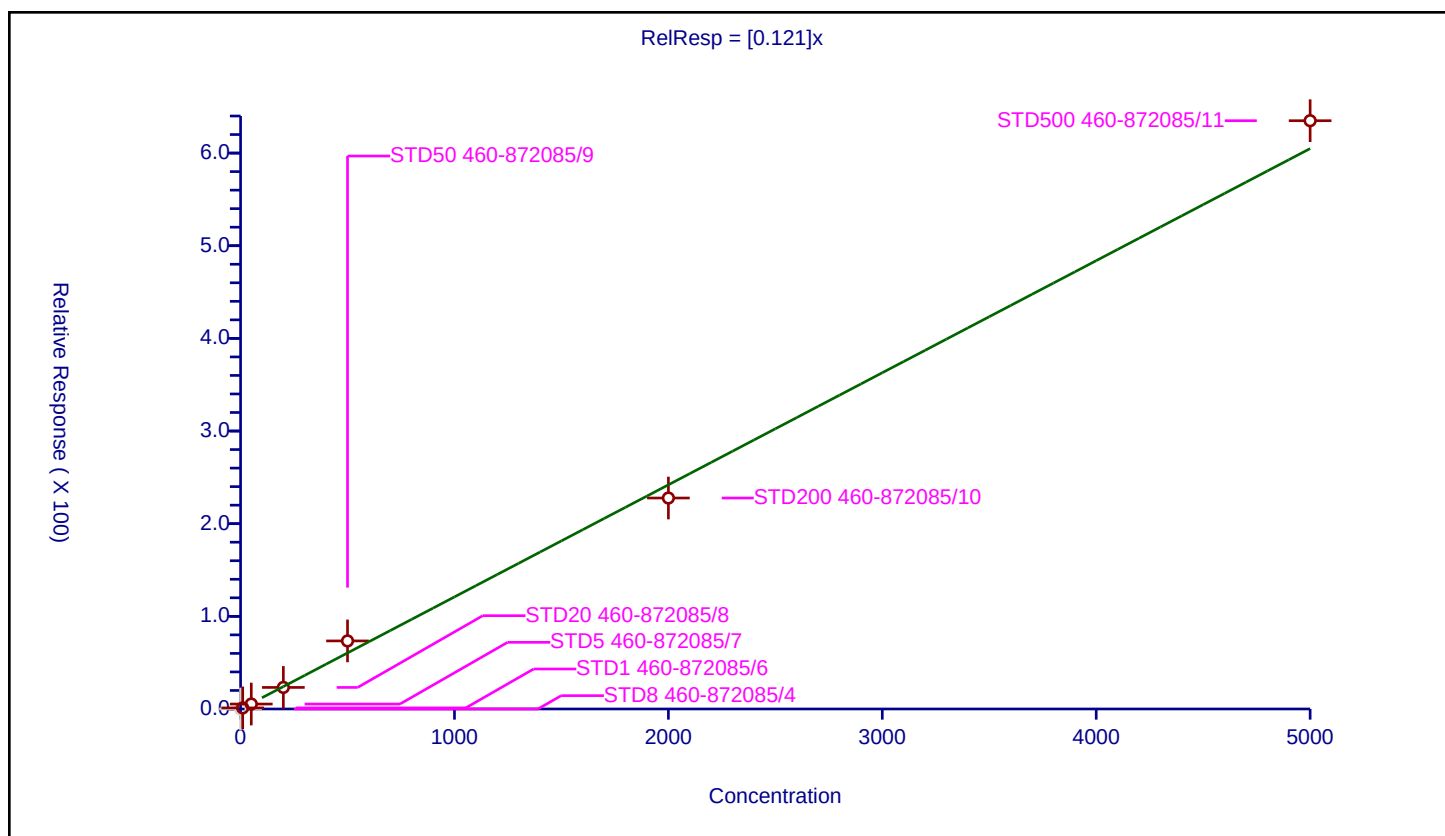
Curve Coefficients

Intercept: 0
 Slope: 0.121

Error Coefficients

Standard Error: 341000
 Relative Standard Error: 11.8
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	10.0	1.151957	250.0	236771.0	0.115196	Y
3	STD5 460-872085/7	50.0	5.326128	250.0	233988.0	0.106523	Y
4	STD20 460-872085/8	200.0	23.267805	250.0	235164.0	0.116339	Y
5	STD50 460-872085/9	500.0	73.460665	250.0	209636.0	0.146921	Y
6	STD200 460-872085/10	2000.0	227.710814	250.0	265981.0	0.113855	Y
7	STD500 460-872085/11	5000.0	634.925179	250.0	283811.0	0.126985	Y



Calibration

/ Cyclopentene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

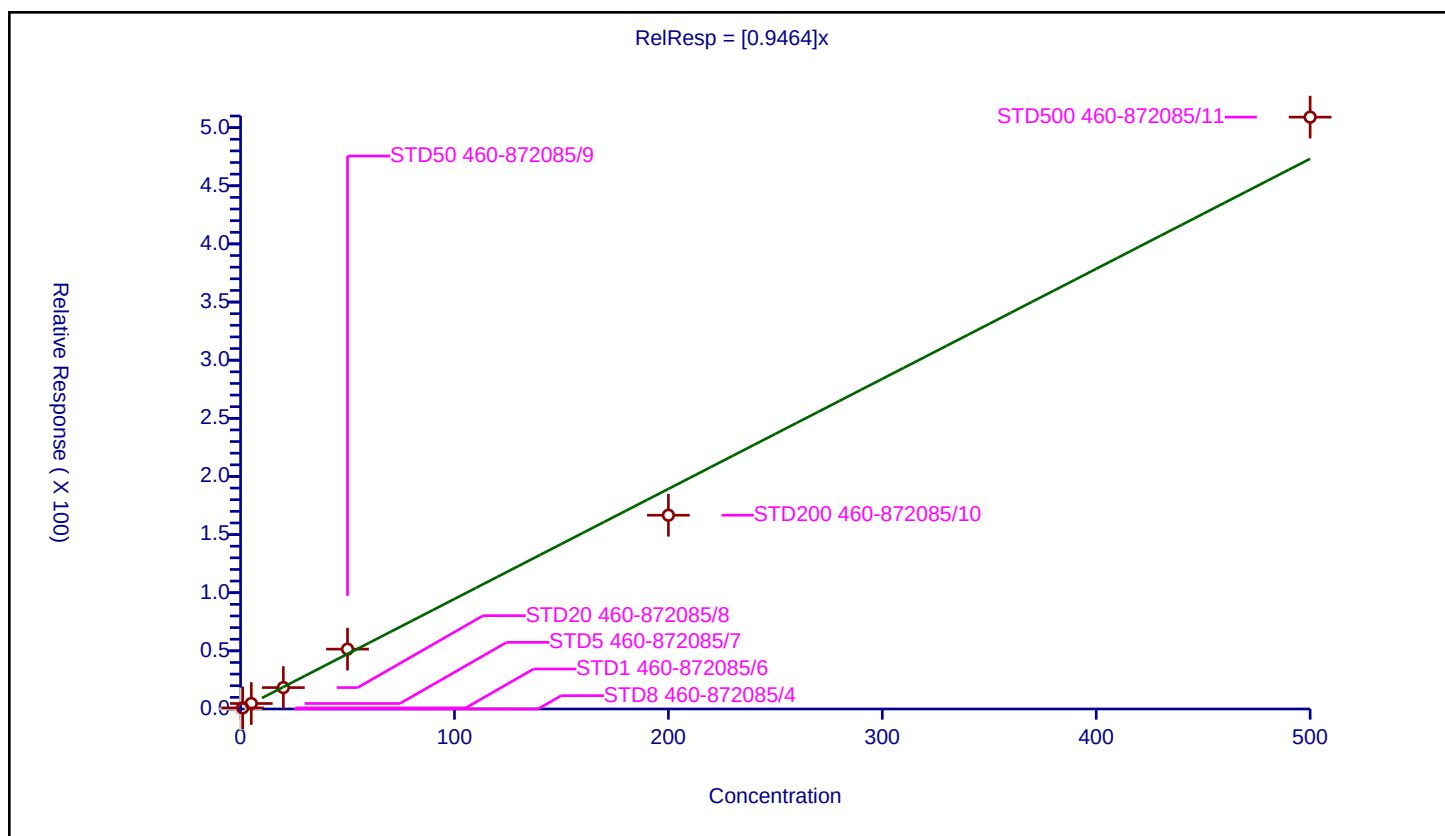
Curve Coefficients

Intercept: 0
 Slope: 0.9464

Error Coefficients

Standard Error: 2140000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.933756	50.0	406798.0	0.933756	Y
3	STD5 460-872085/7	5.0	4.717727	50.0	389817.0	0.943545	Y
4	STD20 460-872085/8	20.0	18.407372	50.0	396841.0	0.920369	Y
5	STD50 460-872085/9	50.0	51.475351	50.0	359440.0	1.029507	Y
6	STD200 460-872085/10	200.0	166.669724	50.0	436138.0	0.833349	Y
7	STD500 460-872085/11	500.0	509.047118	50.0	447264.0	1.018094	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

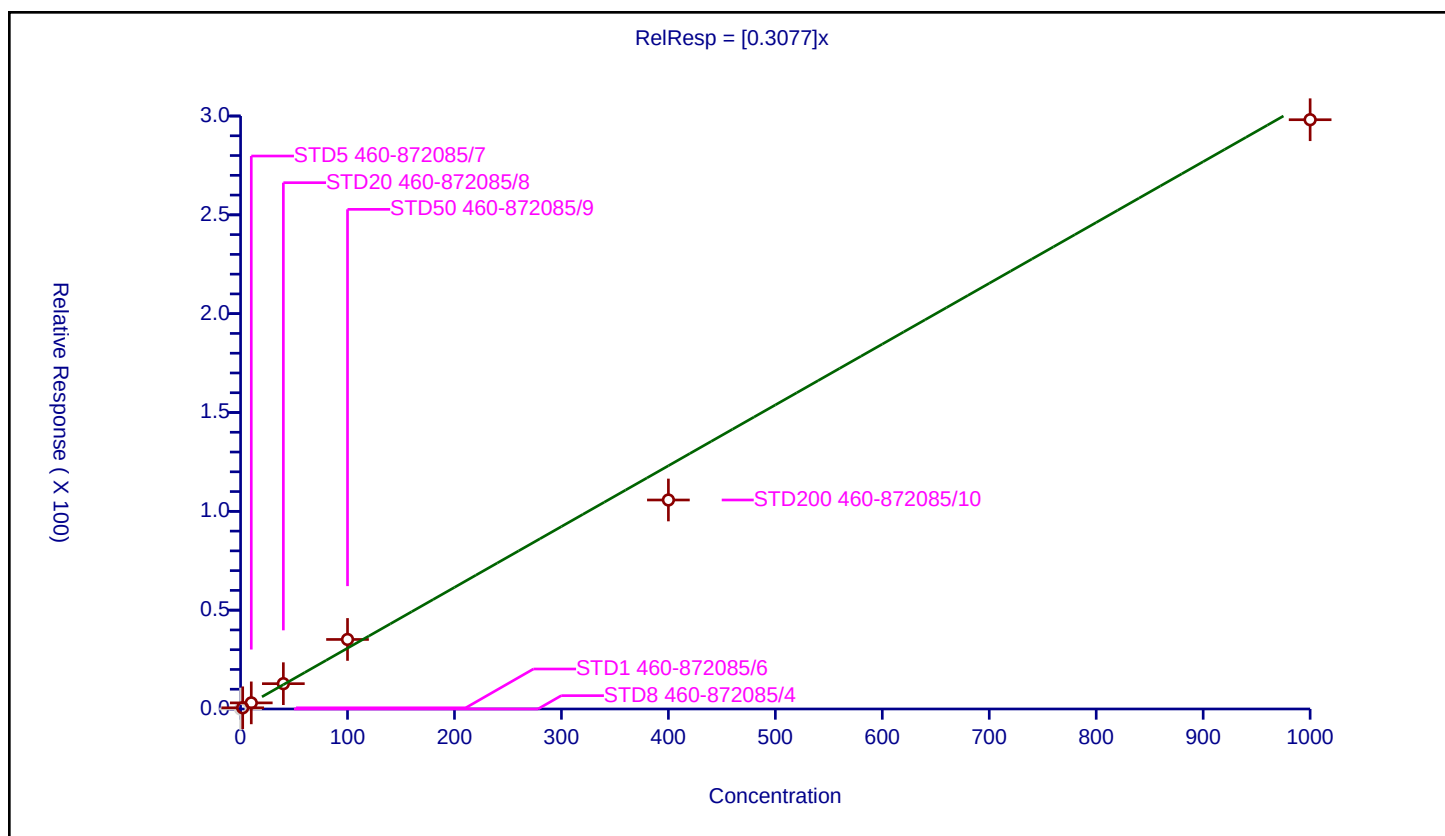
Curve Coefficients

Intercept: 0
Slope: 0.3077

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 9.3
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	2.0	0.603371	50.0	406798.0	0.301685	Y
3	STD5 460-872085/7	10.0	3.09966	50.0	389817.0	0.309966	Y
4	STD20 460-872085/8	40.0	12.804751	50.0	396841.0	0.320119	Y
5	STD50 460-872085/9	100.0	35.175829	50.0	359440.0	0.351758	Y
6	STD200 460-872085/10	400.0	105.743824	50.0	436138.0	0.26436	Y
7	STD500 460-872085/11	1000.0	298.126945	50.0	447264.0	0.298127	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

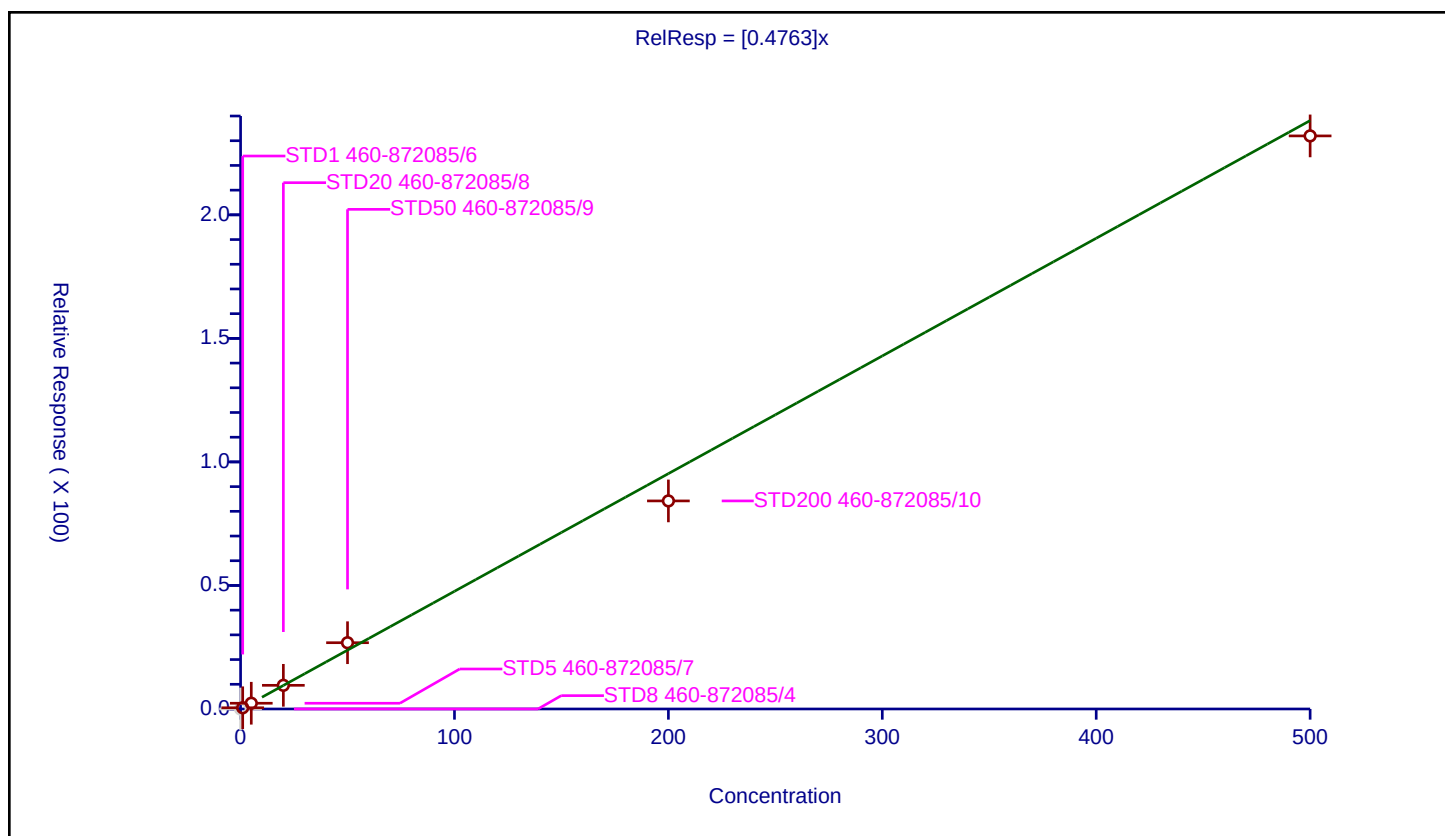
Curve Coefficients

Intercept: 0
 Slope: 0.4763

Error Coefficients

Standard Error: 989000
 Relative Standard Error: 8.0
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.492259	50.0	406798.0	0.492259	Y
3	STD5 460-872085/7	5.0	2.327118	50.0	389817.0	0.465424	Y
4	STD20 460-872085/8	20.0	9.574868	50.0	396841.0	0.478743	Y
5	STD50 460-872085/9	50.0	26.822836	50.0	359440.0	0.536457	Y
6	STD200 460-872085/10	200.0	84.209929	50.0	436138.0	0.42105	Y
7	STD500 460-872085/11	500.0	231.94478	50.0	447264.0	0.46389	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

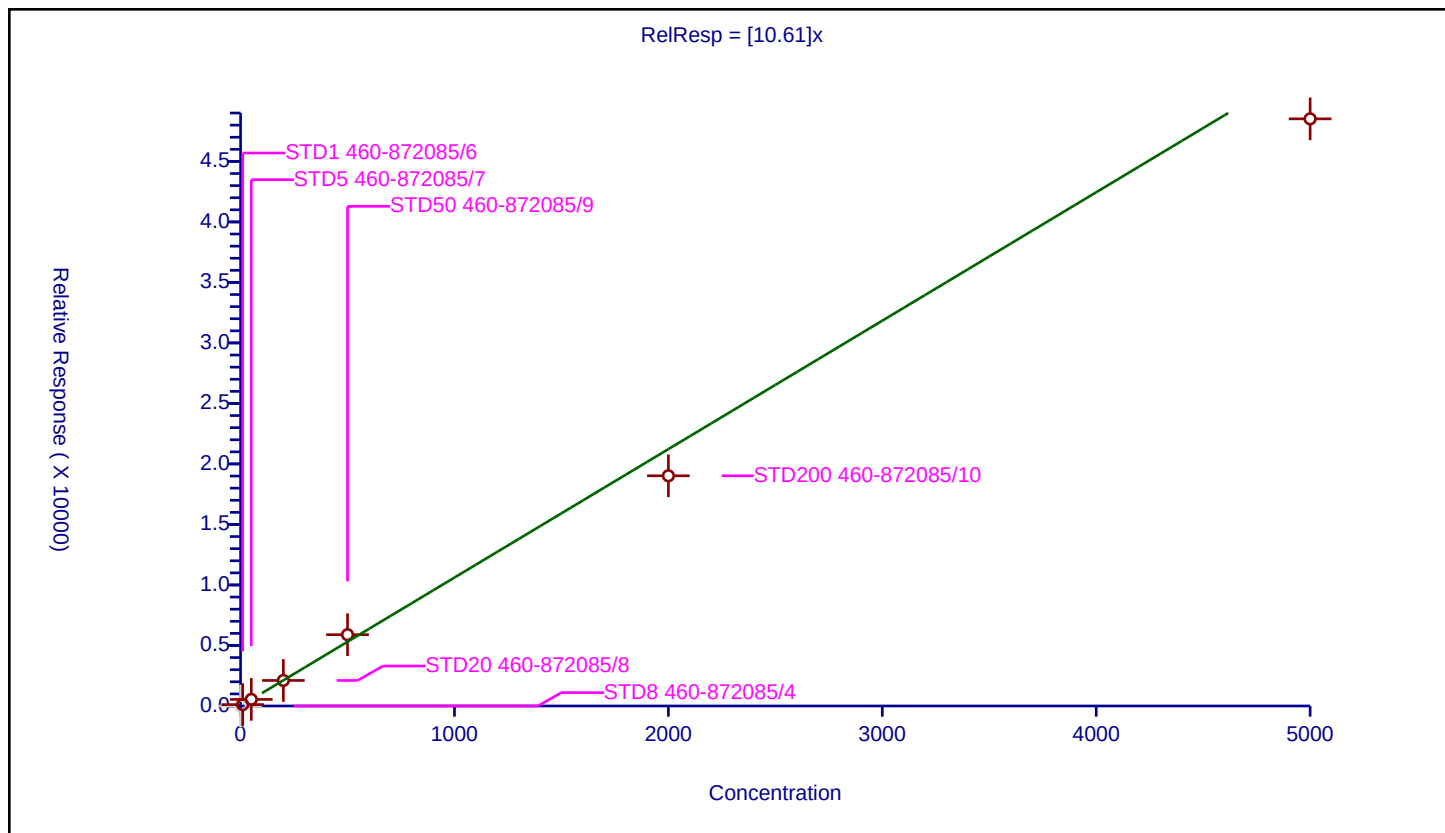
Curve Coefficients

Intercept: 0
Slope: 10.61

Error Coefficients

Standard Error: 877000
Relative Standard Error: 8.3
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	10.0	112.541906	1000.0	31917.0	11.254191	Y
3	STD5 460-872085/7	50.0	543.483078	1000.0	31587.0	10.869662	Y
4	STD20 460-872085/8	200.0	2110.160323	1000.0	30501.0	10.550802	Y
5	STD50 460-872085/9	500.0	5893.120986	1000.0	26937.0	11.786242	Y
6	STD200 460-872085/10	2000.0	19022.05466	1000.0	33553.0	9.511027	Y
7	STD500 460-872085/11	5000.0	48516.659037	1000.0	39318.0	9.703332	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

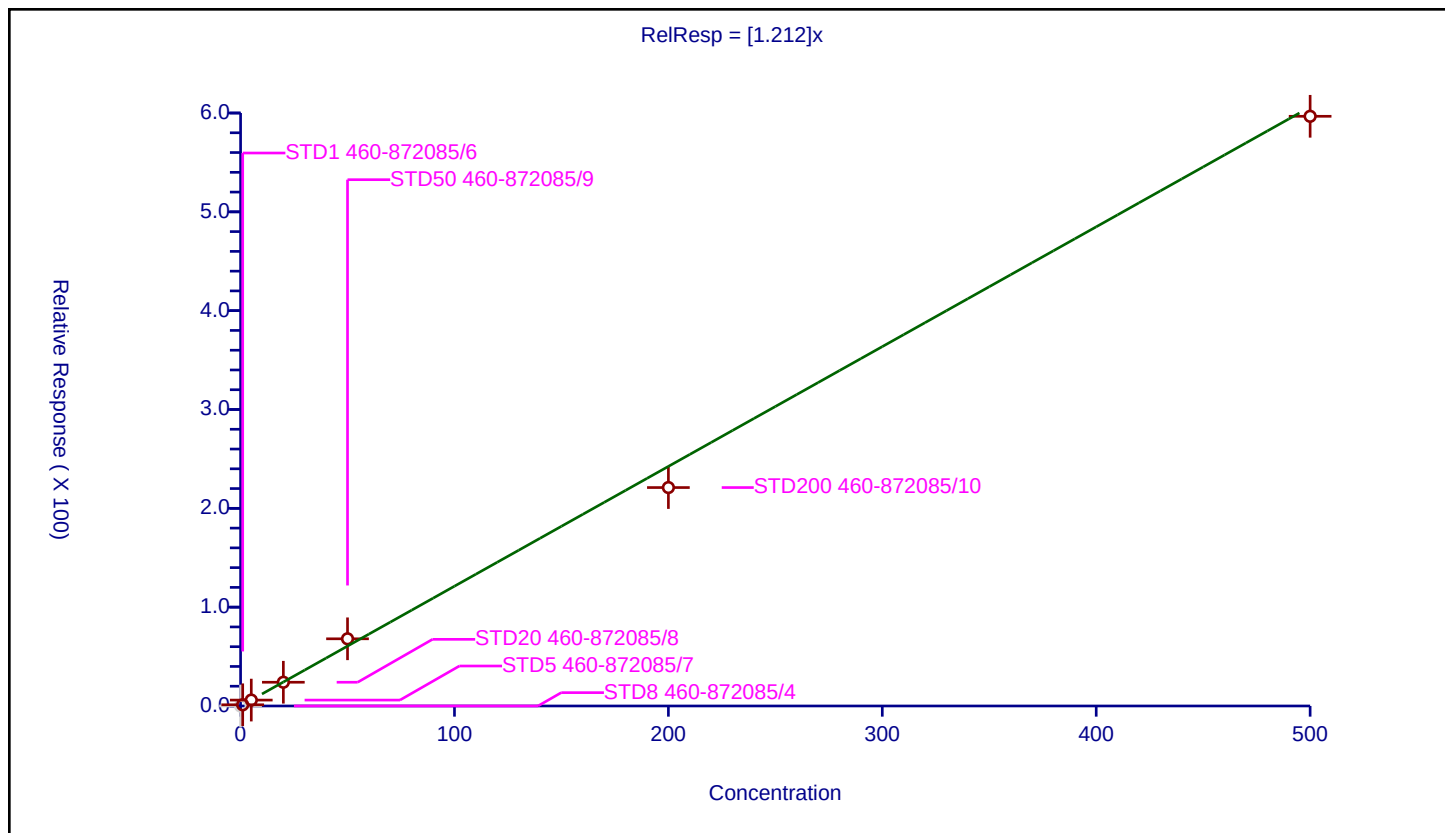
Curve Coefficients

Intercept: 0
 Slope: 1.212

Error Coefficients

Standard Error: 2550000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.21596	50.0	406798.0	1.21596	Y
3	STD5 460-872085/7	5.0	5.983577	50.0	389817.0	1.196715	Y
4	STD20 460-872085/8	20.0	24.033555	50.0	396841.0	1.201678	Y
5	STD50 460-872085/9	50.0	67.991042	50.0	359440.0	1.359821	Y
6	STD200 460-872085/10	200.0	221.02706	50.0	436138.0	1.105135	Y
7	STD500 460-872085/11	500.0	596.682049	50.0	447264.0	1.193364	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

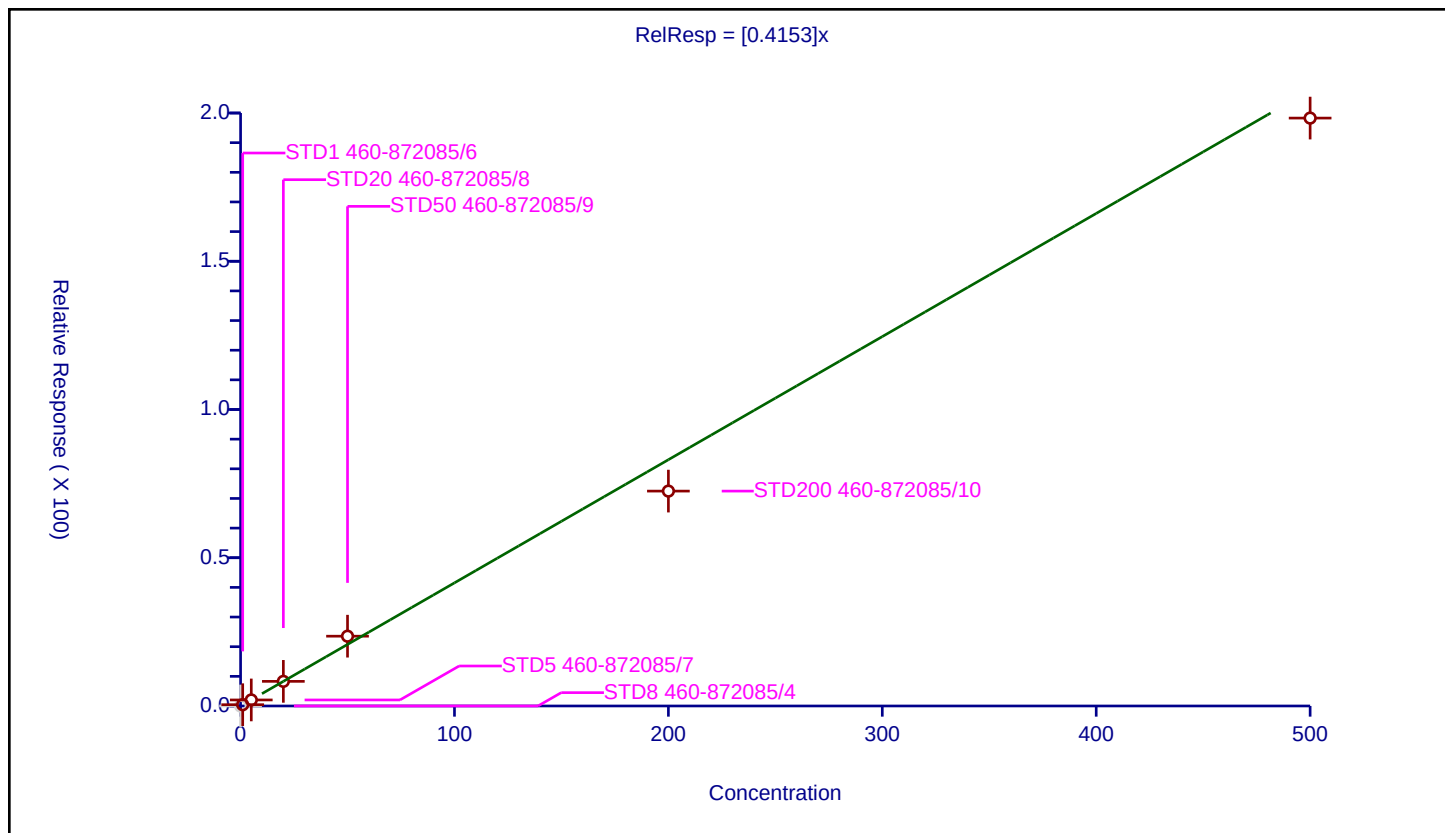
Curve Coefficients

Intercept: 0
Slope: 0.4153

Error Coefficients

Standard Error: 846000
Relative Standard Error: 8.9
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.438547	50.0	406798.0	0.438547	Y
3	STD5 460-872085/7	5.0	2.040316	50.0	389817.0	0.408063	Y
4	STD20 460-872085/8	20.0	8.309877	50.0	396841.0	0.415494	Y
5	STD50 460-872085/9	50.0	23.542177	50.0	359440.0	0.470844	Y
6	STD200 460-872085/10	200.0	72.481531	50.0	436138.0	0.362408	Y
7	STD500 460-872085/11	500.0	198.286918	50.0	447264.0	0.396574	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

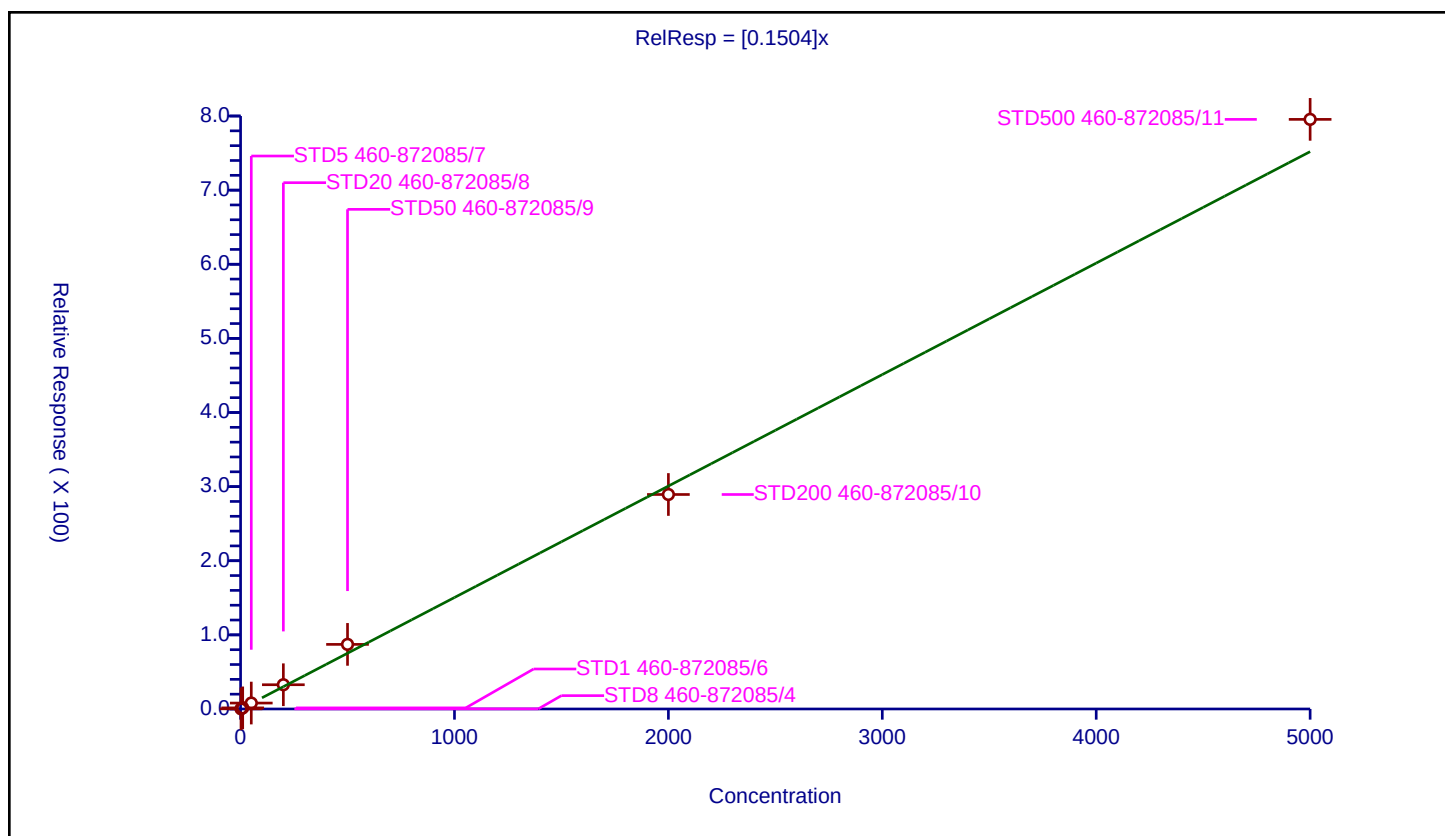
Curve Coefficients

Intercept: 0
Slope: 0.1504

Error Coefficients

Standard Error: 3090000
Relative Standard Error: 15.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	2.0	0.206062	50.0	666788.0	0.103031	Y
2	STD1 460-872085/6	10.0	1.475917	50.0	406798.0	0.147592	Y
3	STD5 460-872085/7	50.0	8.013889	50.0	389817.0	0.160278	Y
4	STD20 460-872085/8	200.0	32.737671	50.0	396841.0	0.163688	Y
5	STD50 460-872085/9	500.0	87.155854	50.0	359440.0	0.174312	Y
6	STD200 460-872085/10	2000.0	289.393724	50.0	436138.0	0.144697	Y
7	STD500 460-872085/11	5000.0	795.460846	50.0	447264.0	0.159092	Y



Calibration

/ Hexane

Curve Type: Quadratic
Weighting: Conc_Sq
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

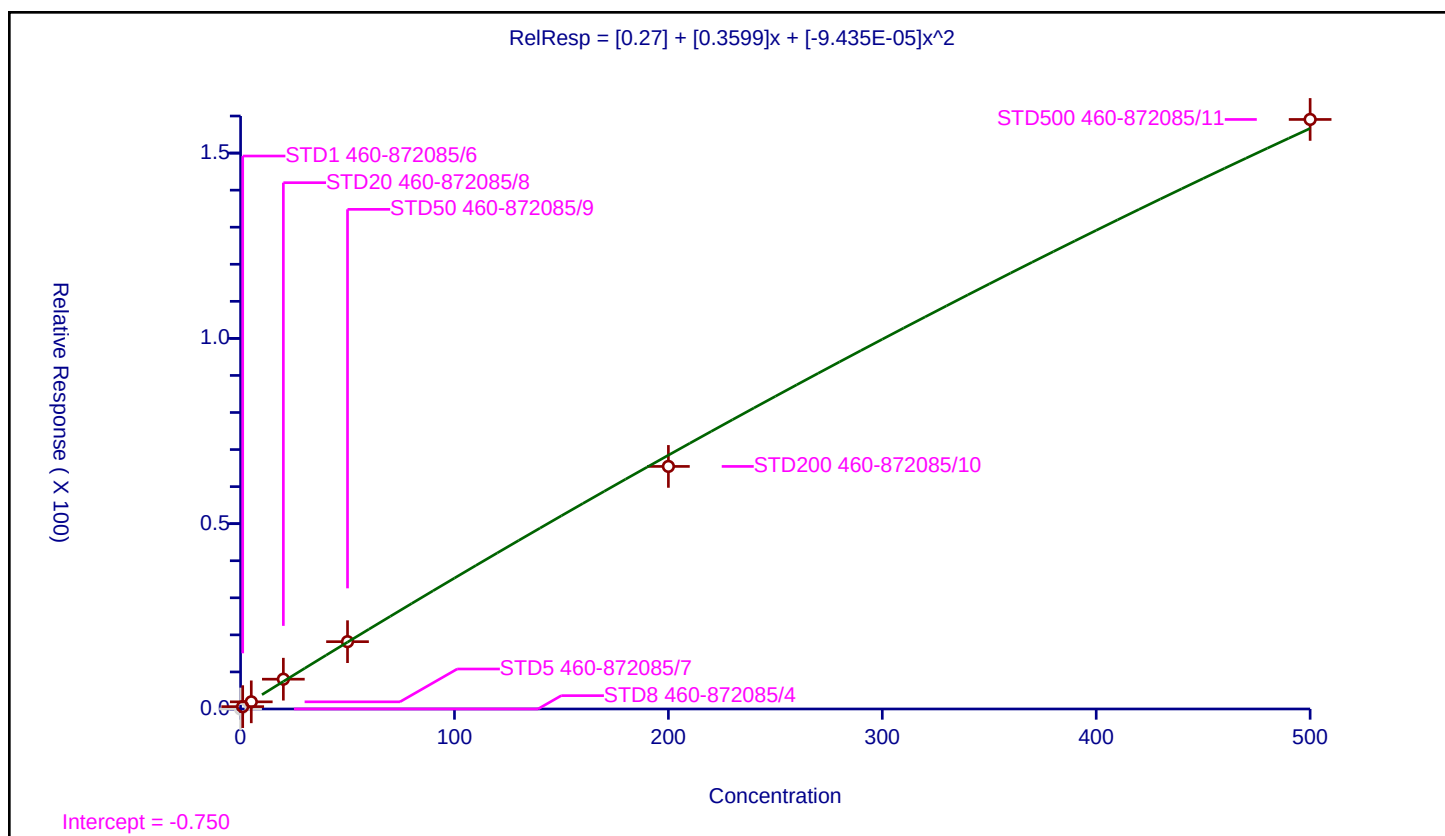
Curve Coefficients

Intercept: 0.27
Slope: 0.3599
Second Order: -9.435E-05

Error Coefficients

Standard Error: 889000
Relative Standard Error: 7.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.633607	50.0	406798.0	0.633607	Y
3	STD5 460-872085/7	5.0	1.934754	50.0	389817.0	0.386951	Y
4	STD20 460-872085/8	20.0	8.037602	50.0	396841.0	0.40188	Y
5	STD50 460-872085/9	50.0	18.167149	50.0	359440.0	0.363343	Y
6	STD200 460-872085/10	200.0	65.454054	50.0	436138.0	0.32727	Y
7	STD500 460-872085/11	500.0	159.074283	50.0	447264.0	0.318149	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

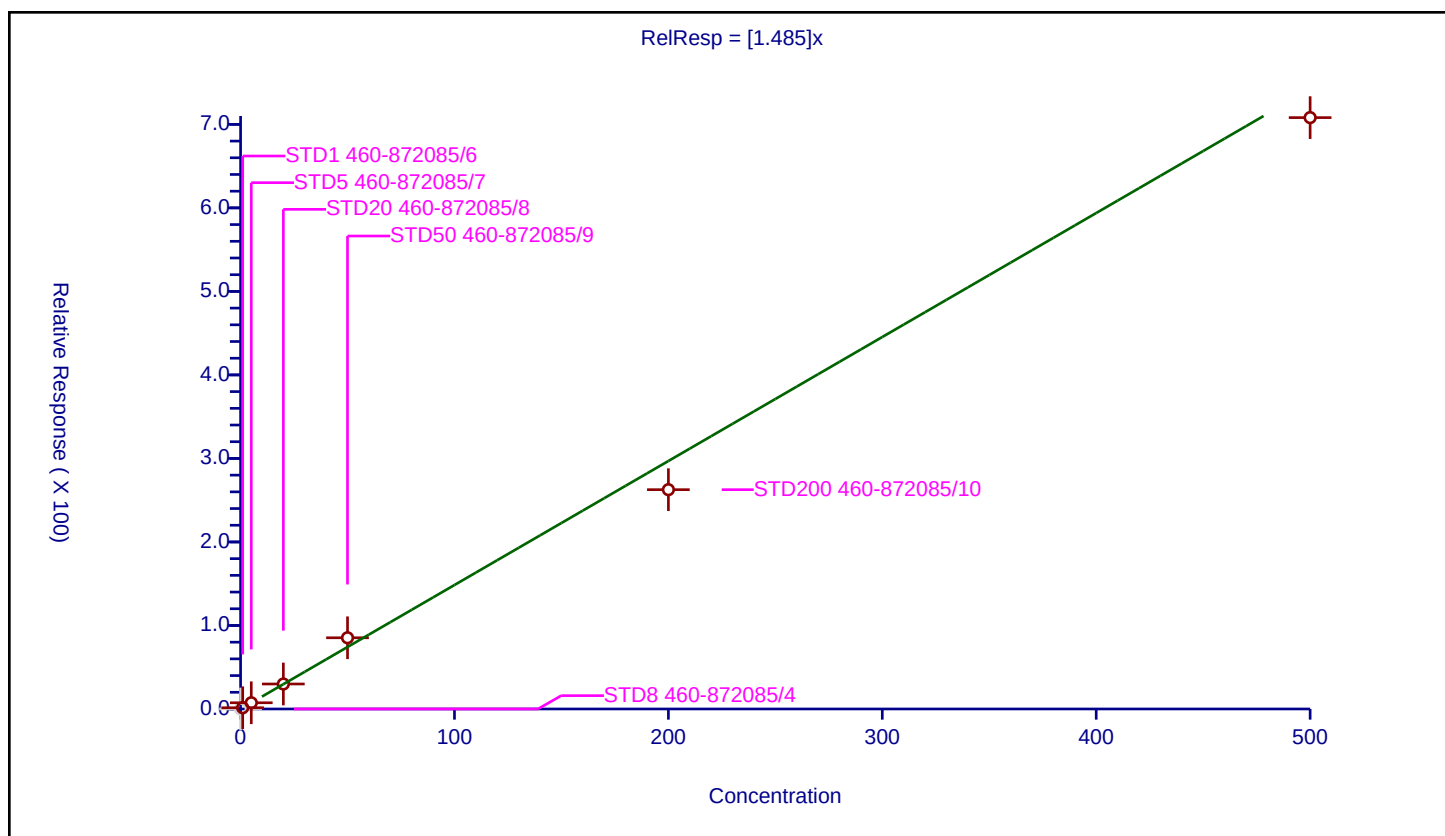
Curve Coefficients

Intercept: 0
 Slope: 1.485

Error Coefficients

Standard Error: 3030000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.484643	50.0	406798.0	1.484643	Y
3	STD5 460-872085/7	5.0	7.456832	50.0	389817.0	1.491366	Y
4	STD20 460-872085/8	20.0	29.948392	50.0	396841.0	1.49742	Y
5	STD50 460-872085/9	50.0	85.260822	50.0	359440.0	1.705216	Y
6	STD200 460-872085/10	200.0	262.593032	50.0	436138.0	1.312965	Y
7	STD500 460-872085/11	500.0	708.092312	50.0	447264.0	1.416185	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

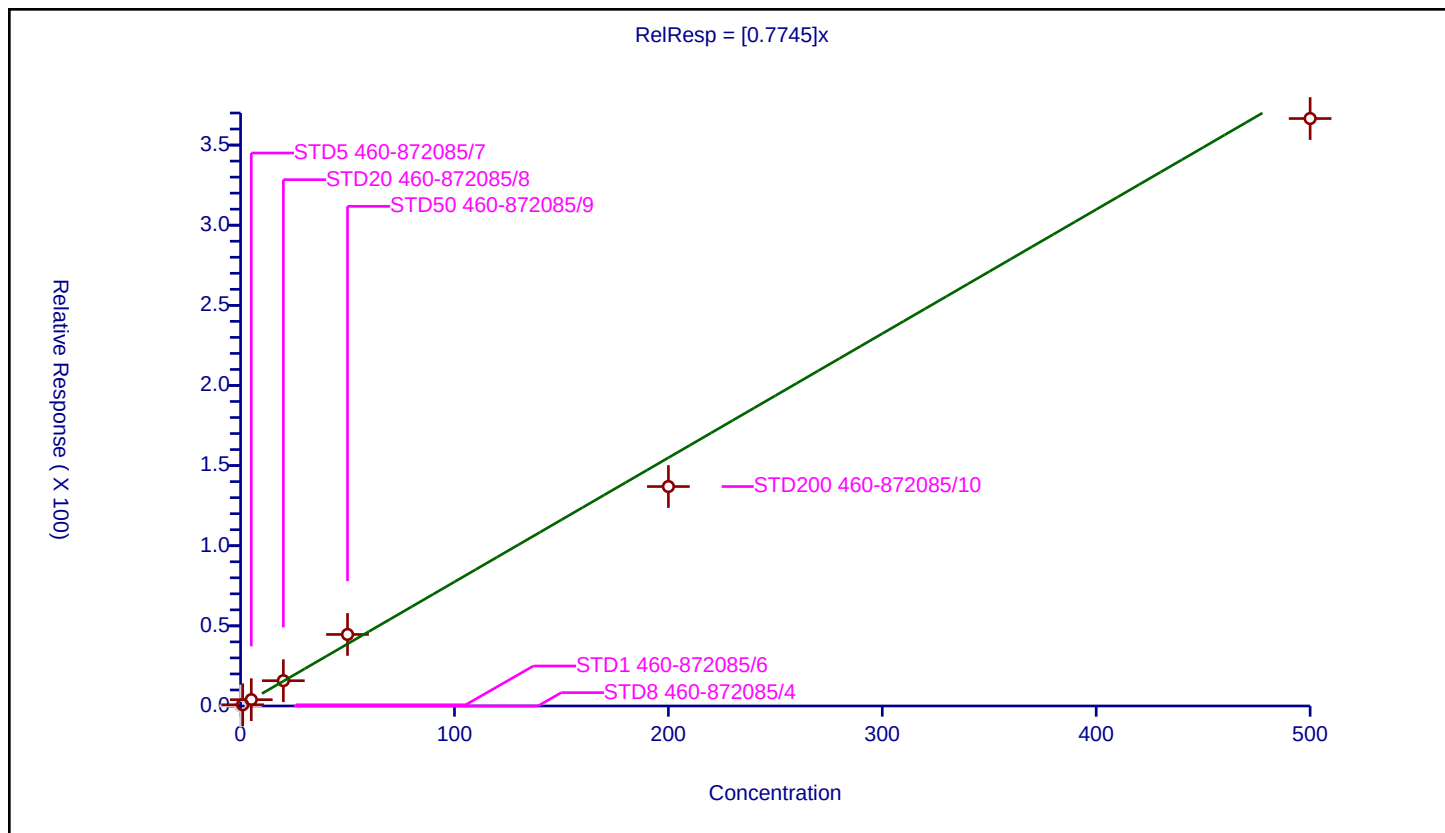
Curve Coefficients

Intercept: 0
 Slope: 0.7745

Error Coefficients

Standard Error: 1570000
 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	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.761803	50.0	406798.0	0.761803	Y
3	STD5 460-872085/7	5.0	3.927869	50.0	389817.0	0.785574	Y
4	STD20 460-872085/8	20.0	15.789951	50.0	396841.0	0.789498	Y
5	STD50 460-872085/9	50.0	44.627754	50.0	359440.0	0.892555	Y
6	STD200 460-872085/10	200.0	136.929022	50.0	436138.0	0.684645	Y
7	STD500 460-872085/11	500.0	366.558341	50.0	447264.0	0.733117	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

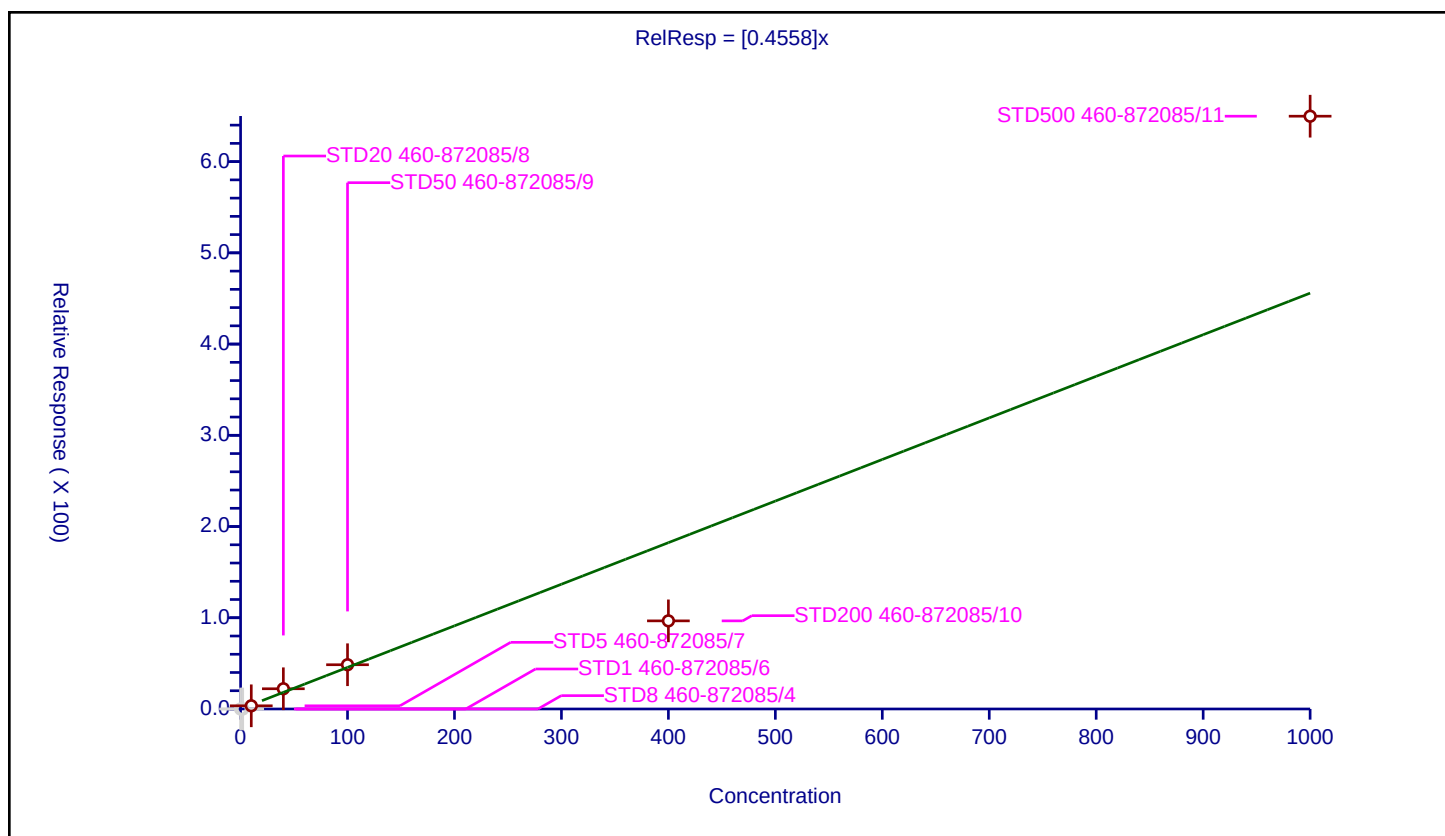
Curve Coefficients

Intercept: 0
 Slope: 0.4558

Error Coefficients

Standard Error: 373000
 Relative Standard Error: 35.6
 Correlation Coefficient: 0.932
 Coefficient of Determination (Adjusted): 0.878

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	2.0	0.0	250.0	236771.0	0.0	N
3	STD5 460-872085/7	10.0	3.485221	250.0	233988.0	0.348522	Y
4	STD20 460-872085/8	40.0	22.168572	250.0	235164.0	0.554214	Y
5	STD50 460-872085/9	100.0	48.521008	250.0	209636.0	0.48521	Y
6	STD200 460-872085/10	400.0	96.599005	250.0	265981.0	0.241498	Y
7	STD500 460-872085/11	1000.0	649.803919	250.0	283811.0	0.649804	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

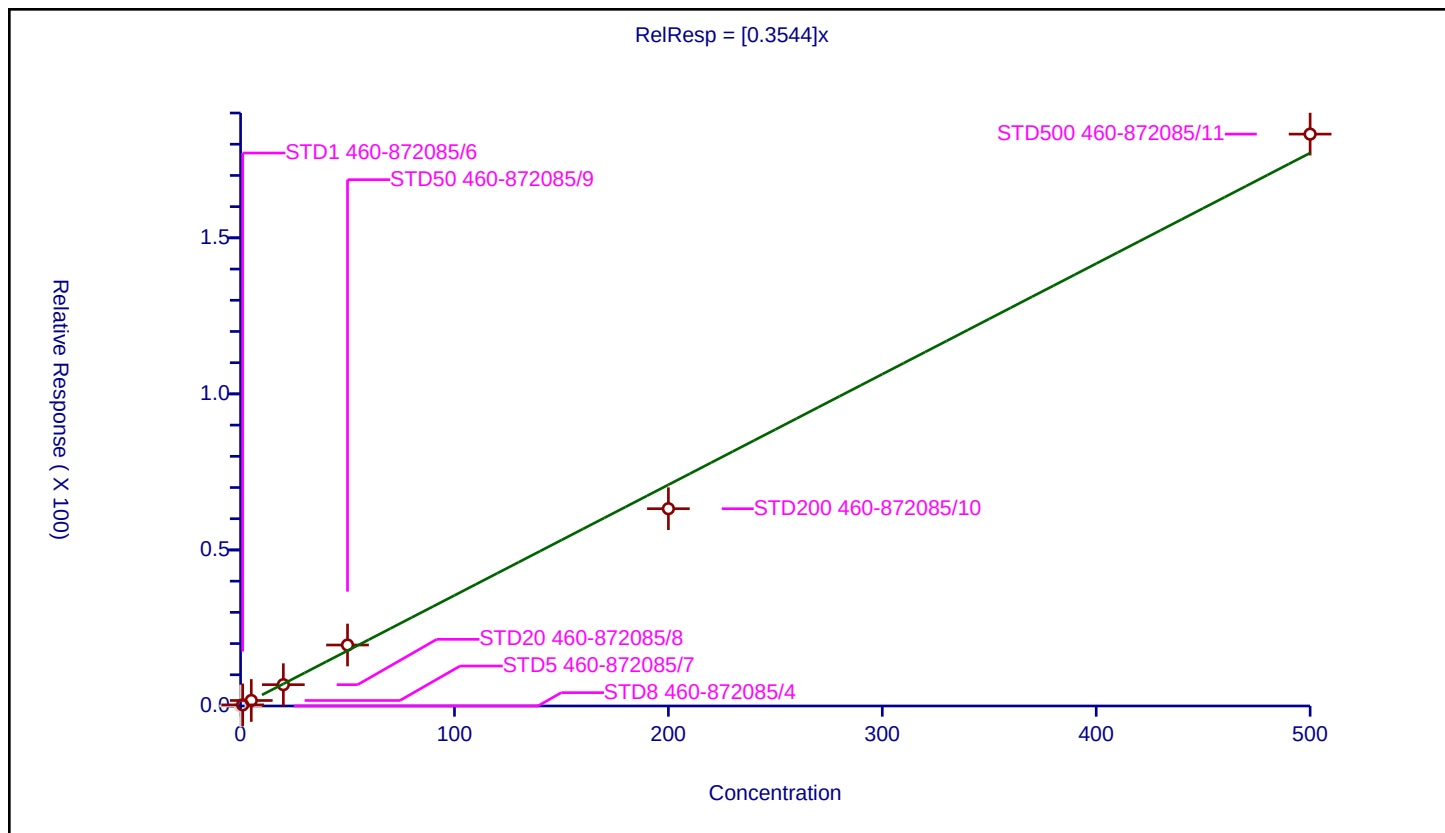
Curve Coefficients

Intercept: 0
 Slope: 0.3544

Error Coefficients

Standard Error: 776000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.358163	50.0	406798.0	0.358163	Y
3	STD5 460-872085/7	5.0	1.767239	50.0	389817.0	0.353448	Y
4	STD20 460-872085/8	20.0	6.829939	50.0	396841.0	0.341497	Y
5	STD50 460-872085/9	50.0	19.533997	50.0	359440.0	0.39068	Y
6	STD200 460-872085/10	200.0	63.212561	50.0	436138.0	0.316063	Y
7	STD500 460-872085/11	500.0	183.243565	50.0	447264.0	0.366487	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

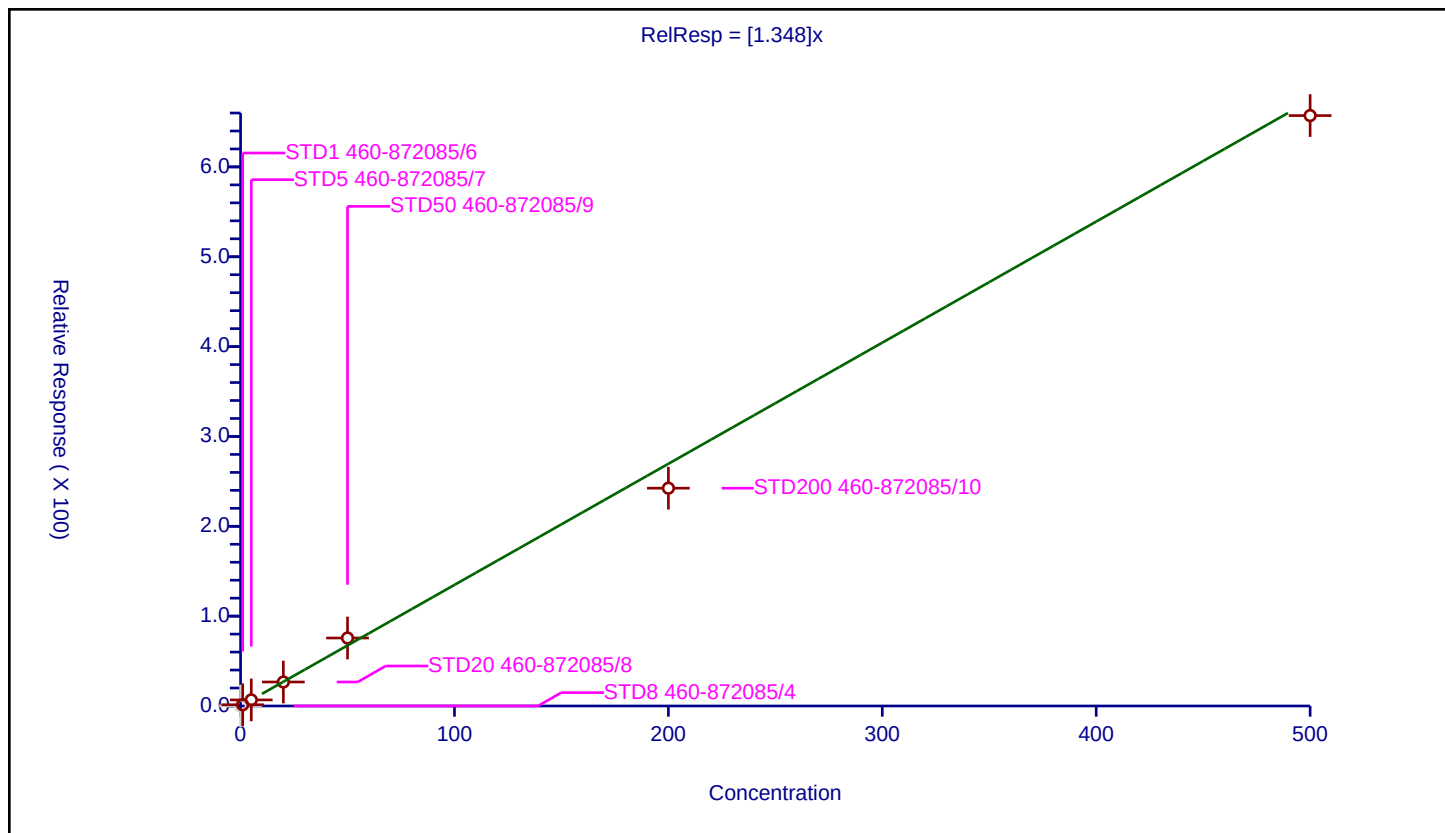
Curve Coefficients

Intercept: 0
 Slope: 1.348

Error Coefficients

Standard Error: 2810000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.363822	50.0	406798.0	1.363822	Y
3	STD5 460-872085/7	5.0	6.747269	50.0	389817.0	1.349454	Y
4	STD20 460-872085/8	20.0	26.694444	50.0	396841.0	1.334722	Y
5	STD50 460-872085/9	50.0	75.657133	50.0	359440.0	1.513143	Y
6	STD200 460-872085/10	200.0	242.428887	50.0	436138.0	1.212144	Y
7	STD500 460-872085/11	500.0	657.155058	50.0	447264.0	1.31431	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

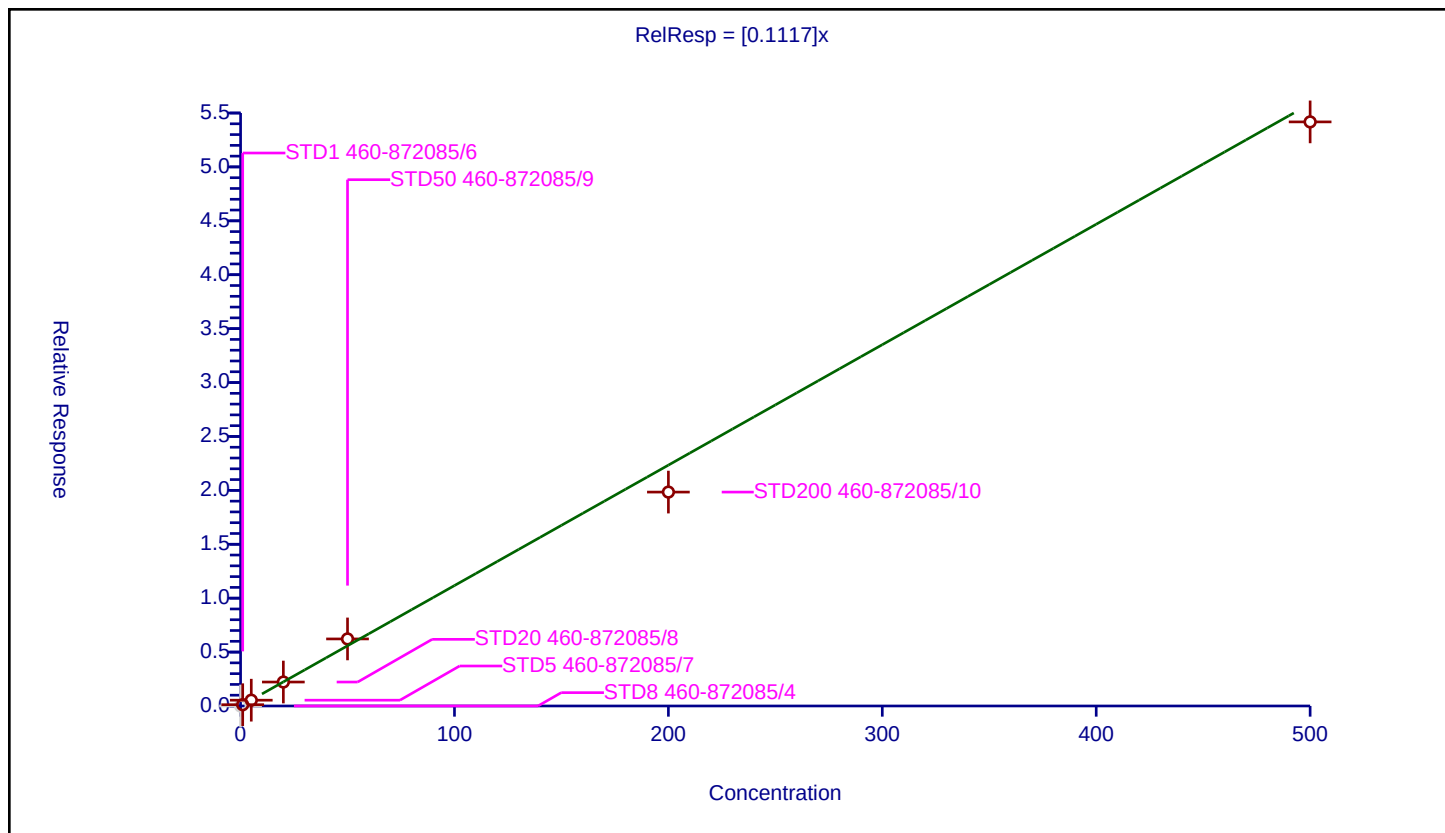
Curve Coefficients

Intercept: 0
 Slope: 0.1117

Error Coefficients

Standard Error: 231000
 Relative Standard Error: 8.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.119715	50.0	406798.0	0.119715	Y
3	STD5 460-872085/7	5.0	0.537432	50.0	389817.0	0.107486	Y
4	STD20 460-872085/8	20.0	2.221671	50.0	396841.0	0.111084	Y
5	STD50 460-872085/9	50.0	6.219536	50.0	359440.0	0.124391	Y
6	STD200 460-872085/10	200.0	19.840738	50.0	436138.0	0.099204	Y
7	STD500 460-872085/11	500.0	54.176281	50.0	447264.0	0.108353	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

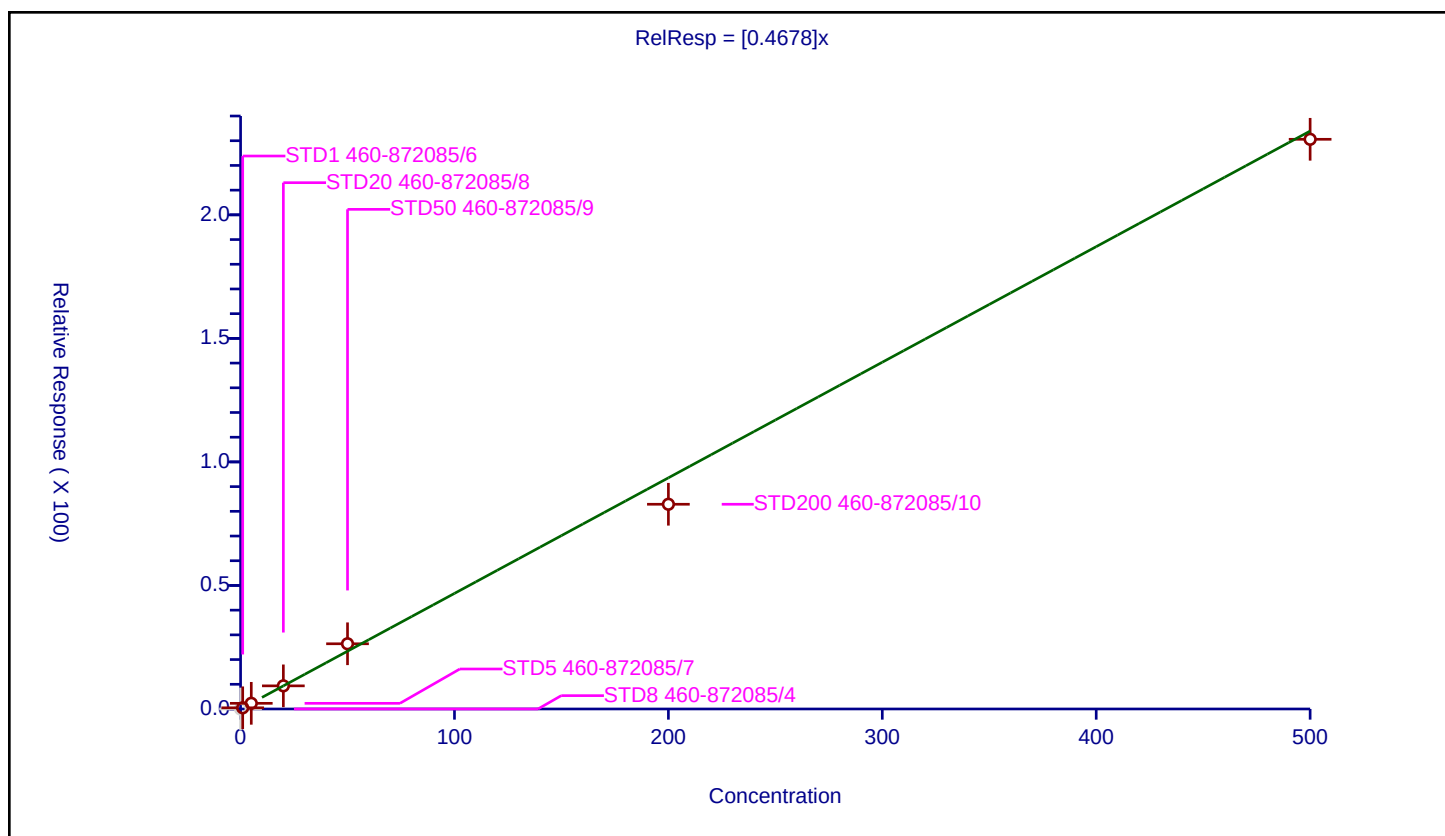
Curve Coefficients

Intercept: 0
Slope: 0.4678

Error Coefficients

Standard Error: 982000
Relative Standard Error: 7.8
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.476281	50.0	406798.0	0.476281	Y
3	STD5 460-872085/7	5.0	2.295308	50.0	389817.0	0.459062	Y
4	STD20 460-872085/8	20.0	9.361684	50.0	396841.0	0.468084	Y
5	STD50 460-872085/9	50.0	26.399538	50.0	359440.0	0.527991	Y
6	STD200 460-872085/10	200.0	82.864139	50.0	436138.0	0.414321	Y
7	STD500 460-872085/11	500.0	230.578473	50.0	447264.0	0.461157	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

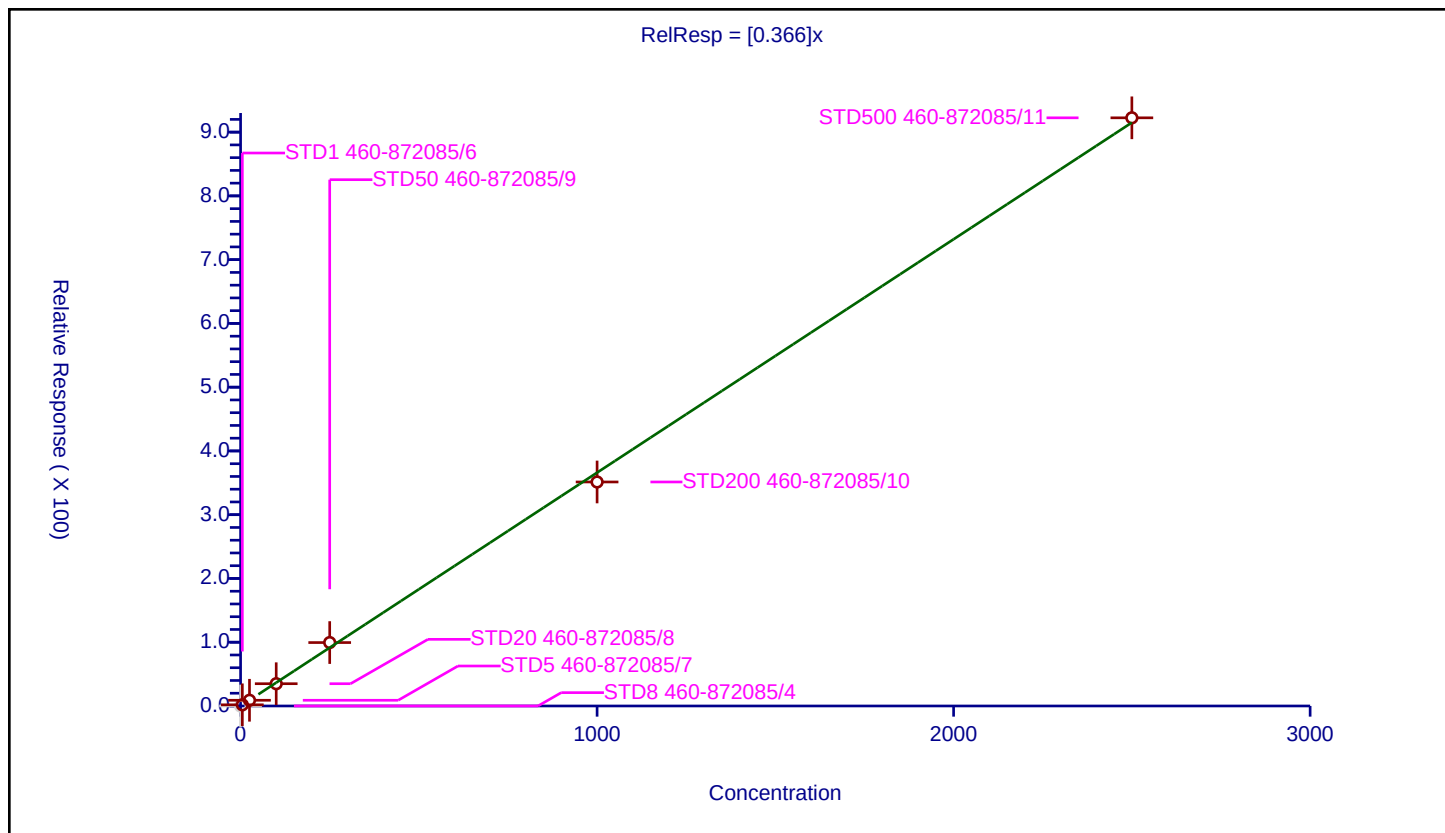
Curve Coefficients

Intercept: 0
 Slope: 0.366

Error Coefficients

Standard Error: 498000
 Relative Standard Error: 4.9
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	5.0	1.852	250.0	236771.0	0.3704	Y
3	STD5 460-872085/7	25.0	8.953451	250.0	233988.0	0.358138	Y
4	STD20 460-872085/8	100.0	34.929879	250.0	235164.0	0.349299	Y
5	STD50 460-872085/9	250.0	99.477189	250.0	209636.0	0.397909	Y
6	STD200 460-872085/10	1000.0	351.325847	250.0	265981.0	0.351326	Y
7	STD500 460-872085/11	2500.0	922.458079	250.0	283811.0	0.368983	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

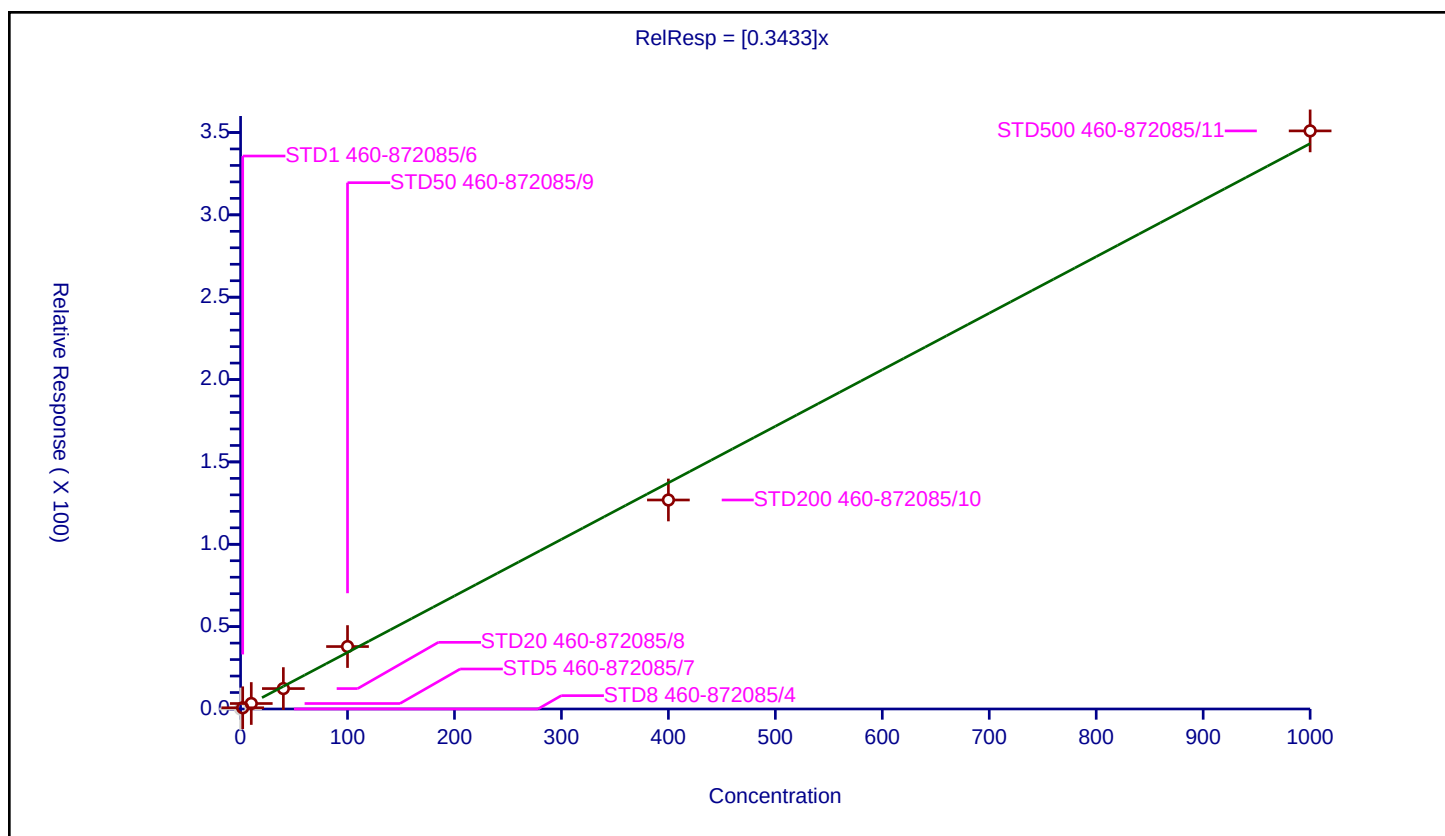
Curve Coefficients

Intercept: 0
 Slope: 0.3433

Error Coefficients

Standard Error: 189000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	2.0	0.740167	250.0	236771.0	0.370083	Y
3	STD5 460-872085/7	10.0	3.326025	250.0	233988.0	0.332603	Y
4	STD20 460-872085/8	40.0	12.390289	250.0	235164.0	0.309757	Y
5	STD50 460-872085/9	100.0	37.900218	250.0	209636.0	0.379002	Y
6	STD200 460-872085/10	400.0	126.880303	250.0	265981.0	0.317201	Y
7	STD500 460-872085/11	1000.0	350.96596	250.0	283811.0	0.350966	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

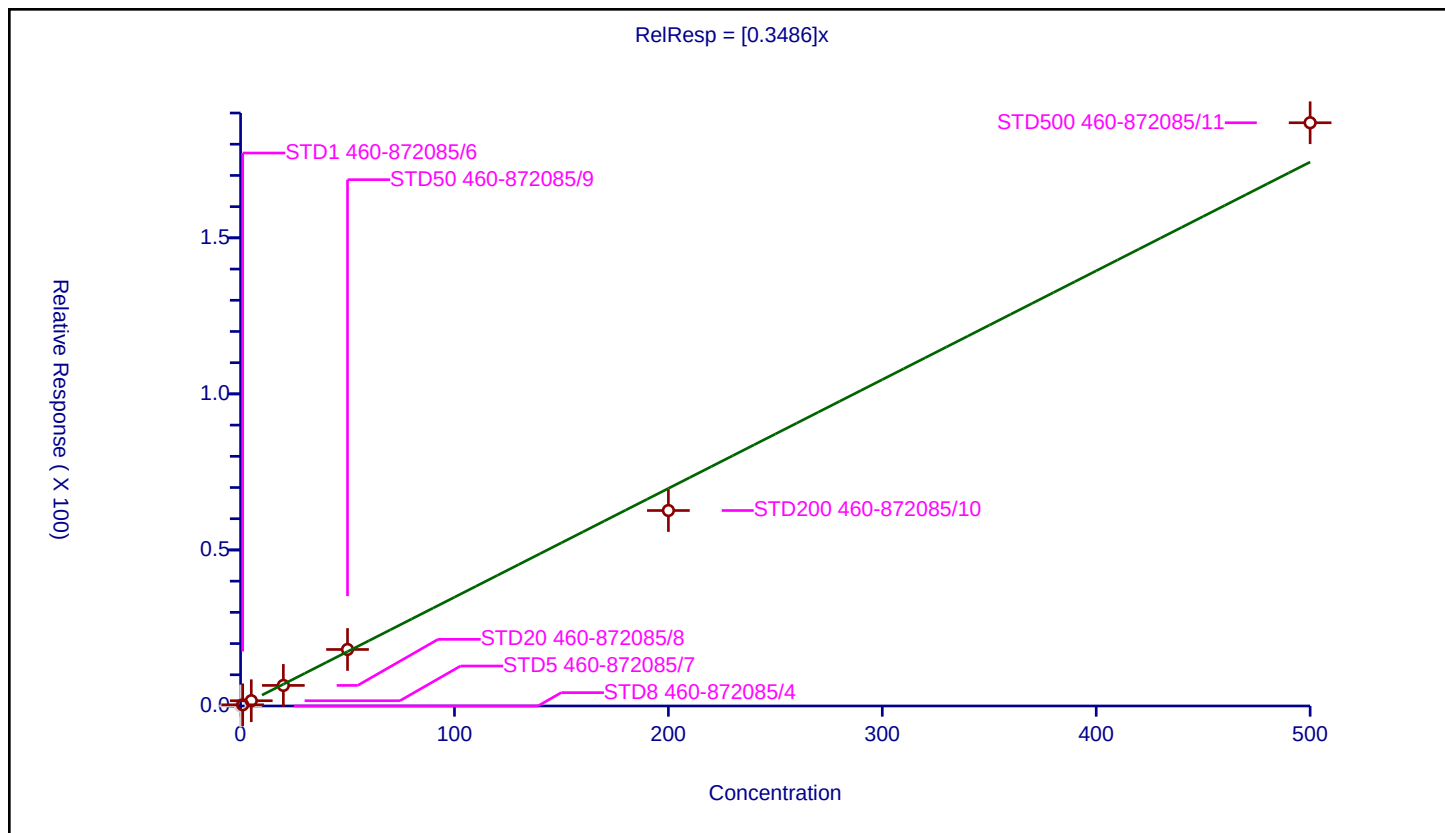
Curve Coefficients

Intercept: 0
 Slope: 0.3486

Error Coefficients

Standard Error: 789000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.995
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.376108	50.0	406798.0	0.376108	Y
3	STD5 460-872085/7	5.0	1.683354	50.0	389817.0	0.336671	Y
4	STD20 460-872085/8	20.0	6.591305	50.0	396841.0	0.329565	Y
5	STD50 460-872085/9	50.0	18.11415	50.0	359440.0	0.362283	Y
6	STD200 460-872085/10	200.0	62.635909	50.0	436138.0	0.31318	Y
7	STD500 460-872085/11	500.0	186.883697	50.0	447264.0	0.373767	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

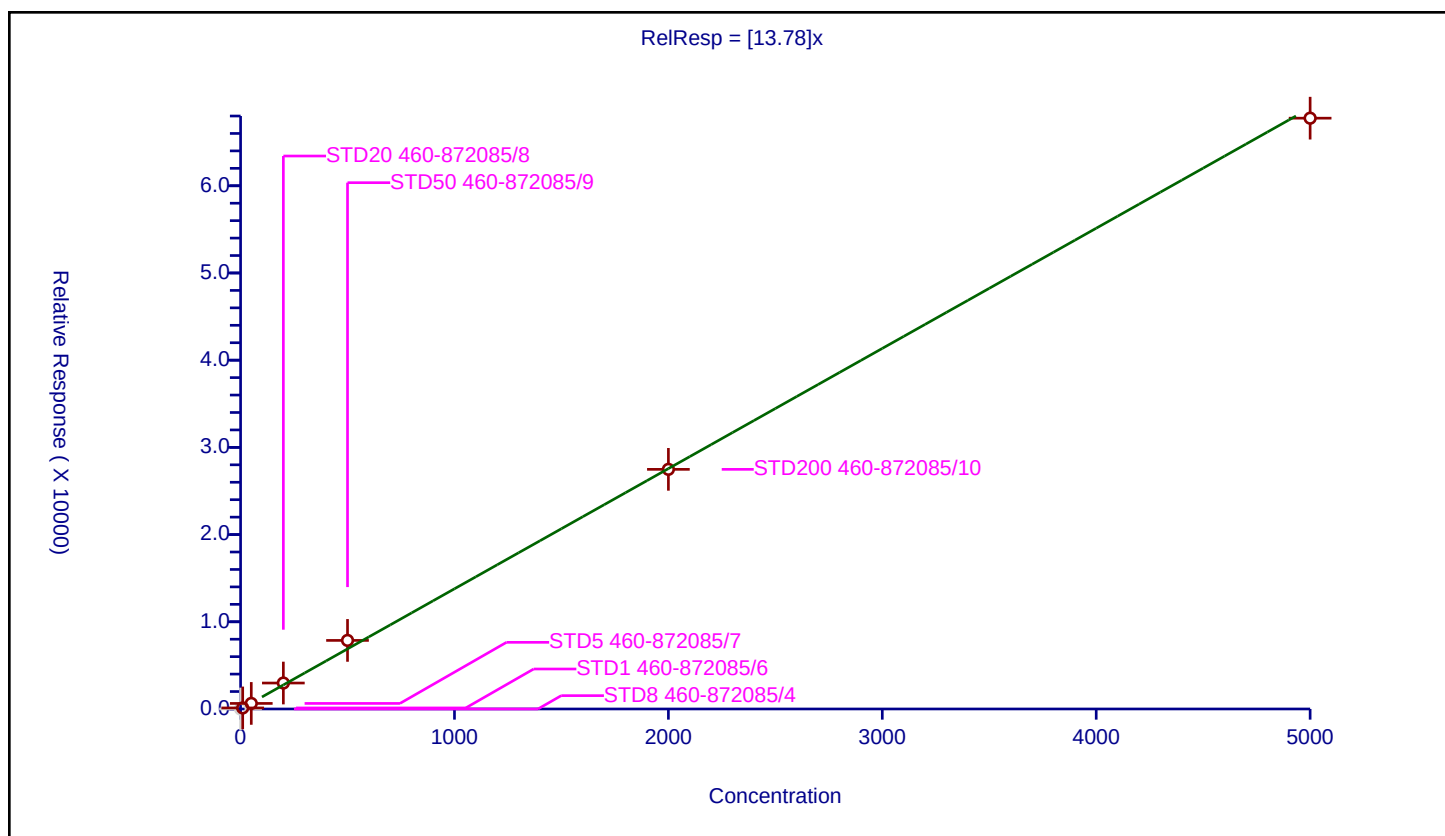
Curve Coefficients

Intercept: 0
Slope: 13.78

Error Coefficients

Standard Error: 1230000
Relative Standard Error: 9.8
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	10.0	120.374722	1000.0	31917.0	12.037472	Y
3	STD5 460-872085/7	50.0	637.604078	1000.0	31587.0	12.752082	Y
4	STD20 460-872085/8	200.0	2977.410577	1000.0	30501.0	14.887053	Y
5	STD50 460-872085/9	500.0	7863.94179	1000.0	26937.0	15.727884	Y
6	STD200 460-872085/10	2000.0	27480.672369	1000.0	33553.0	13.740336	Y
7	STD500 460-872085/11	5000.0	67753.191922	1000.0	39318.0	13.550638	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

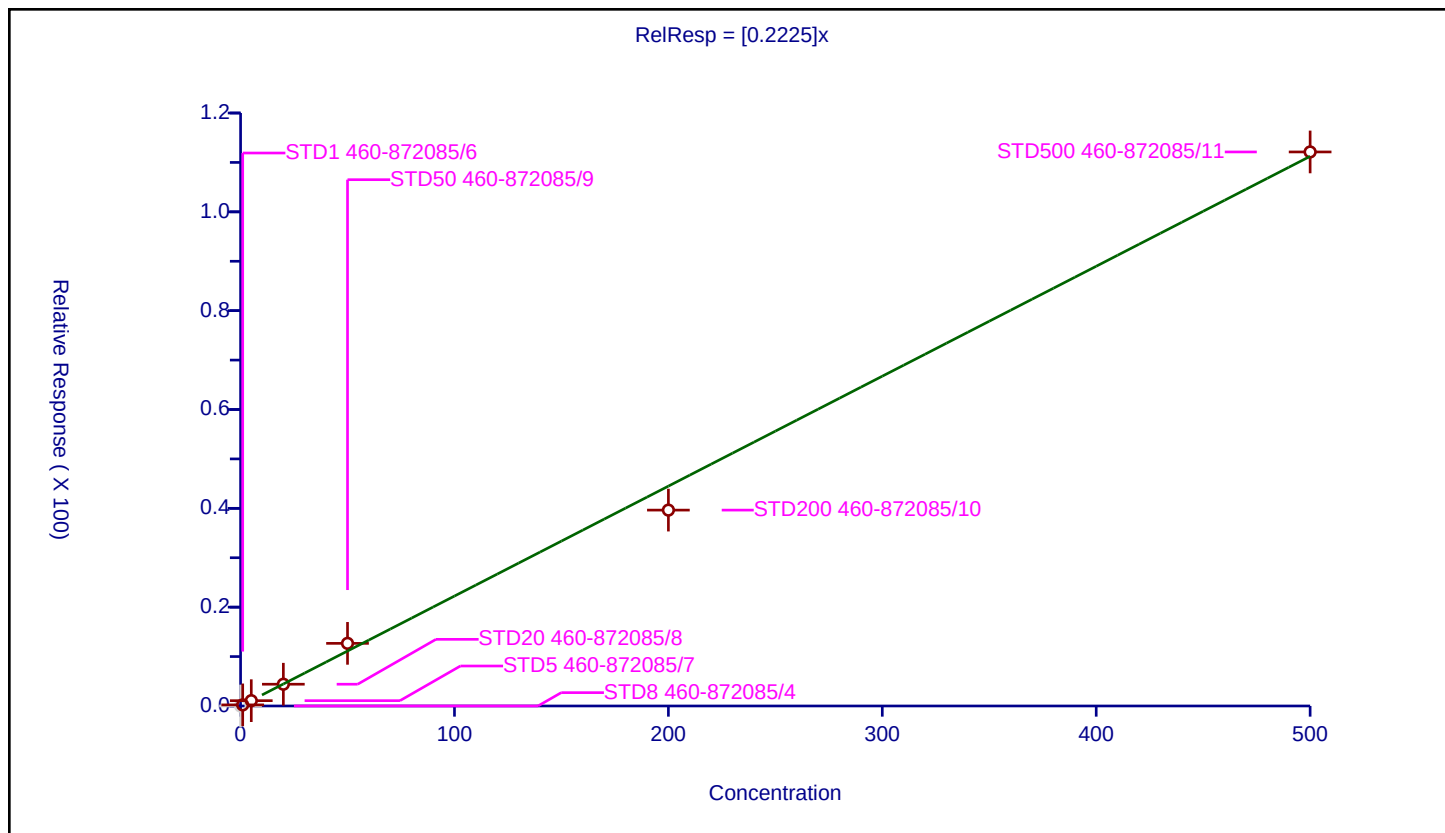
Curve Coefficients

Intercept: 0
 Slope: 0.2225

Error Coefficients

Standard Error: 476000
 Relative Standard Error: 8.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.222961	50.0	406798.0	0.222961	Y
3	STD5 460-872085/7	5.0	1.078583	50.0	389817.0	0.215717	Y
4	STD20 460-872085/8	20.0	4.403779	50.0	396841.0	0.220189	Y
5	STD50 460-872085/9	50.0	12.674855	50.0	359440.0	0.253497	Y
6	STD200 460-872085/10	200.0	39.641123	50.0	436138.0	0.198206	Y
7	STD500 460-872085/11	500.0	112.123153	50.0	447264.0	0.224246	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

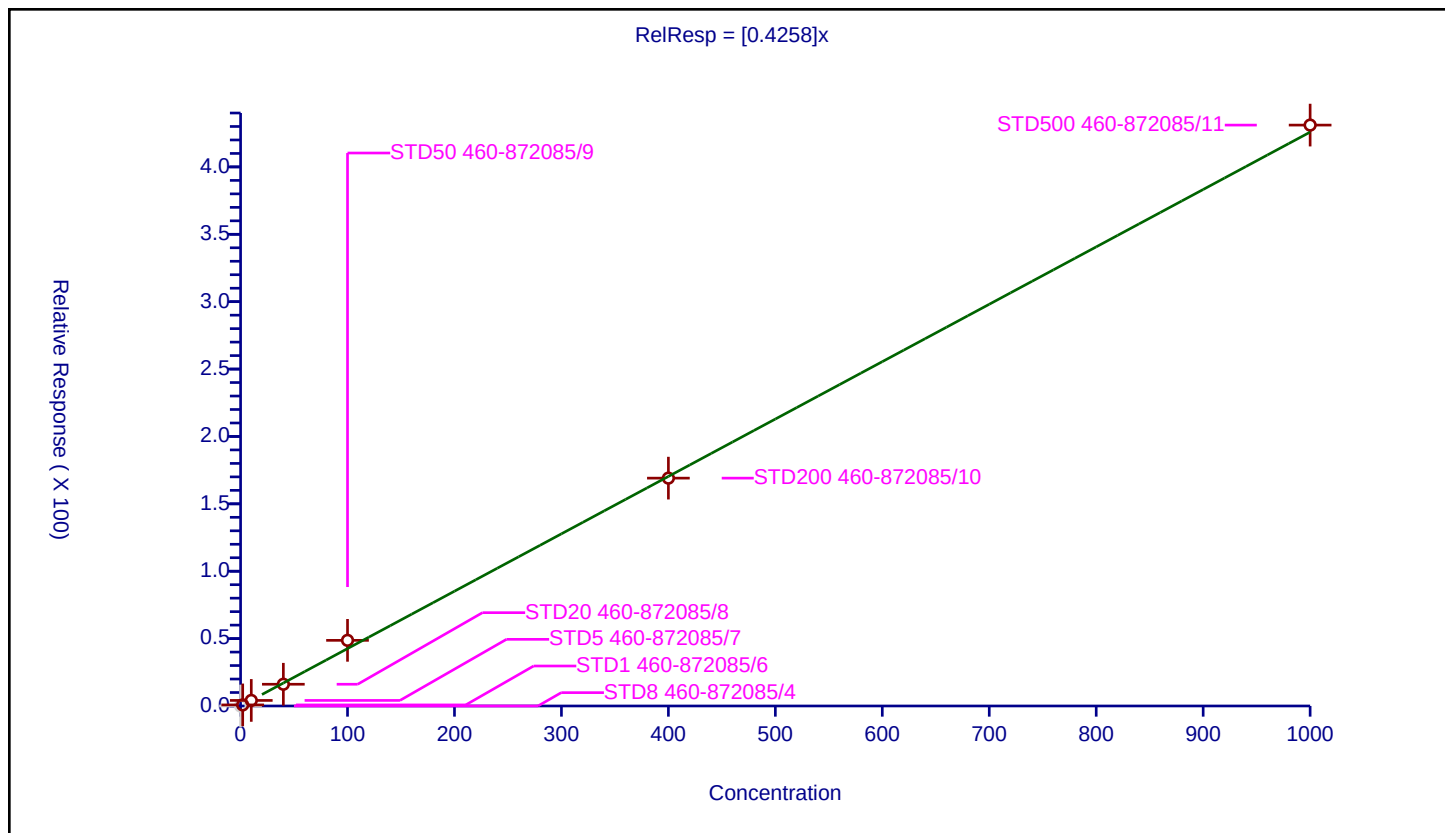
Curve Coefficients

Intercept: 0
 Slope: 0.4258

Error Coefficients

Standard Error: 234000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	2.0	0.796128	250.0	236771.0	0.398064	Y
3	STD5 460-872085/7	10.0	4.128417	250.0	233988.0	0.412842	Y
4	STD20 460-872085/8	40.0	16.132359	250.0	235164.0	0.403309	Y
5	STD50 460-872085/9	100.0	48.708237	250.0	209636.0	0.487082	Y
6	STD200 460-872085/10	400.0	169.076927	250.0	265981.0	0.422692	Y
7	STD500 460-872085/11	1000.0	431.045661	250.0	283811.0	0.431046	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

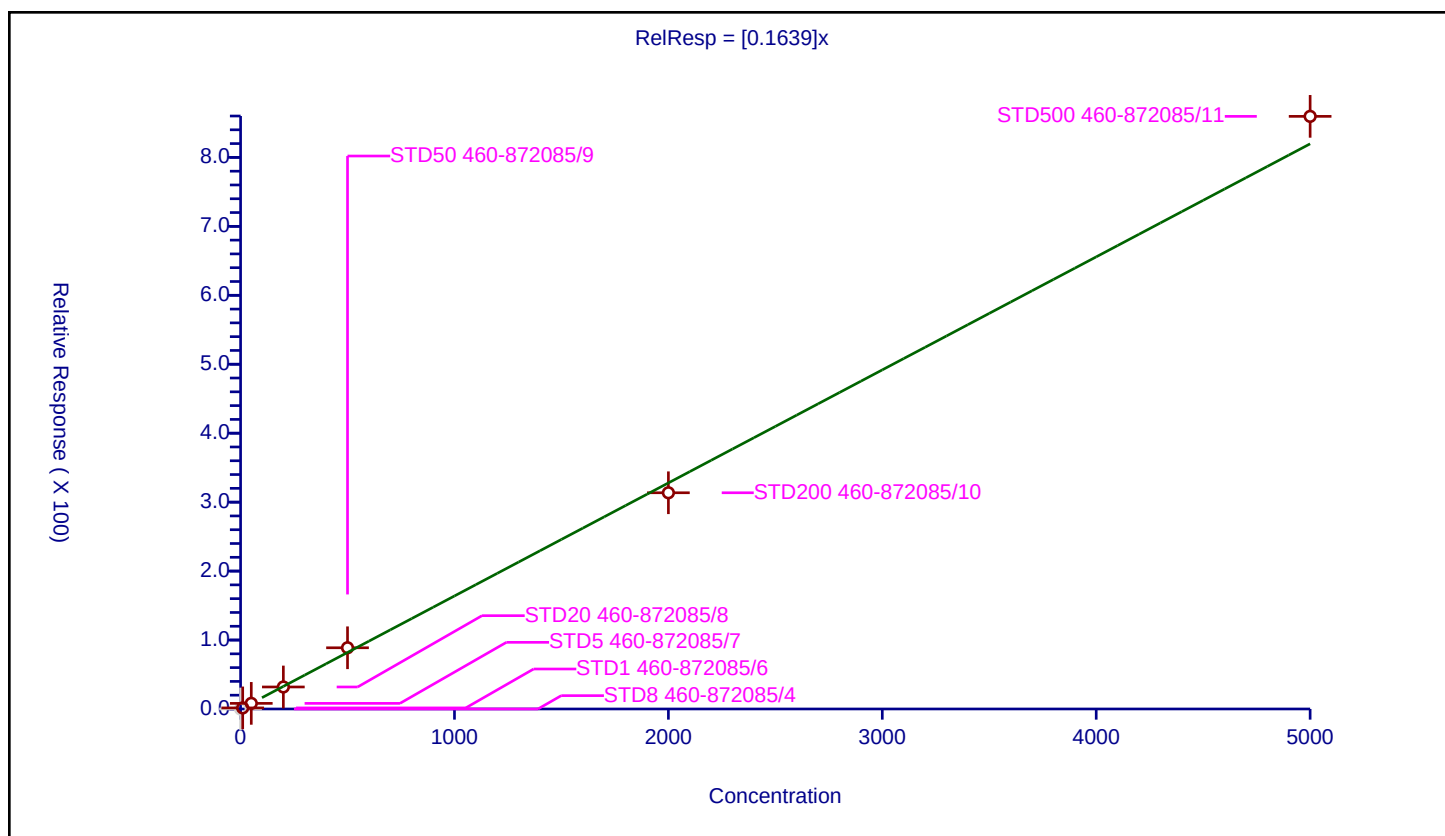
Curve Coefficients

Intercept: 0
 Slope: 0.1639

Error Coefficients

Standard Error: 3660000
 Relative Standard Error: 5.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	10.0	1.550278	50.0	406798.0	0.155028	Y
3	STD5 460-872085/7	50.0	8.139332	50.0	389817.0	0.162787	Y
4	STD20 460-872085/8	200.0	31.910639	50.0	396841.0	0.159553	Y
5	STD50 460-872085/9	500.0	88.768223	50.0	359440.0	0.177536	Y
6	STD200 460-872085/10	2000.0	313.59306	50.0	436138.0	0.156797	Y
7	STD500 460-872085/11	5000.0	859.478071	50.0	447264.0	0.171896	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

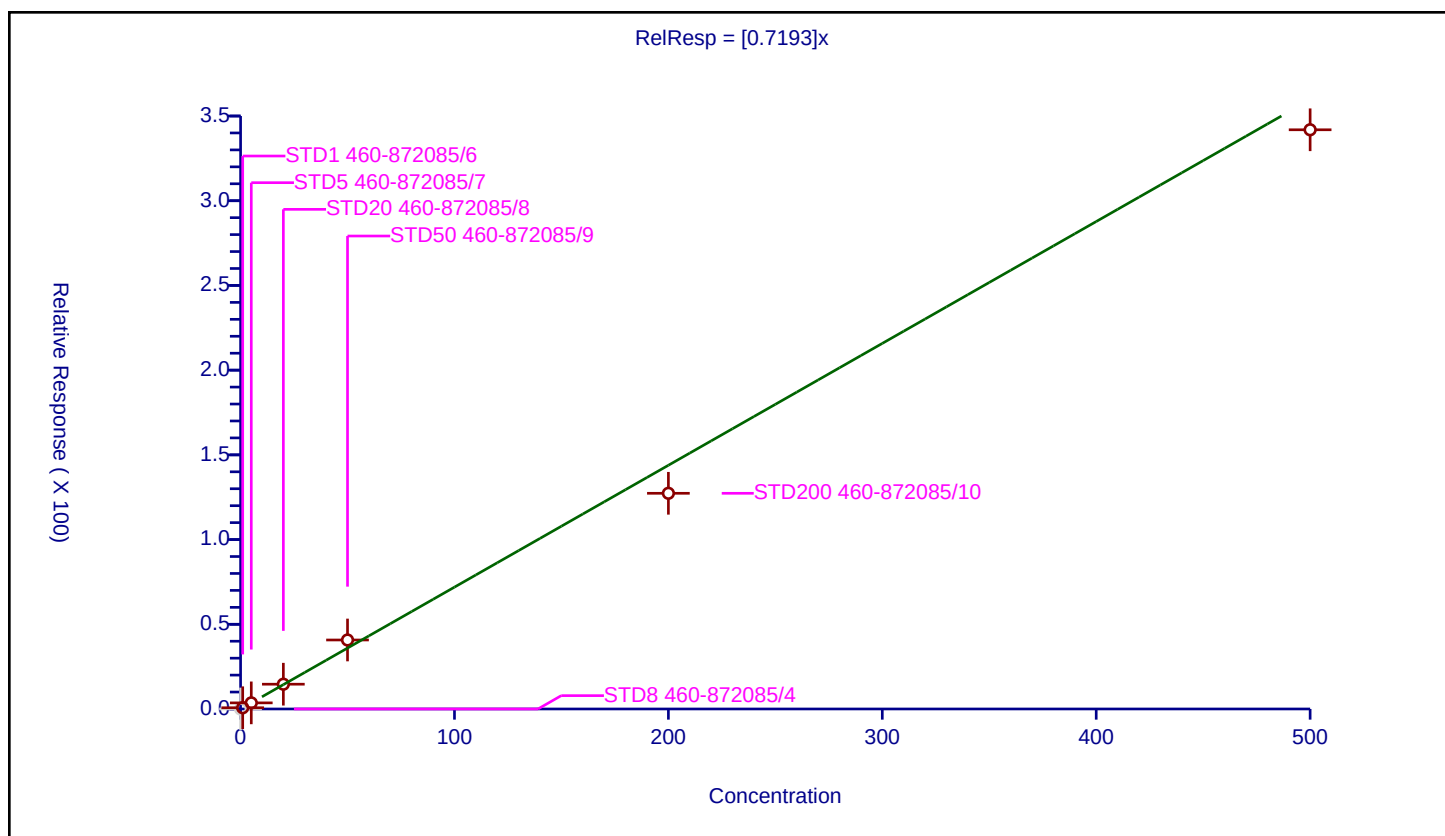
Curve Coefficients

Intercept: 0
Slope: 0.7193

Error Coefficients

Standard Error: 1460000
Relative Standard Error: 8.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.72788	50.0	406798.0	0.72788	Y
3	STD5 460-872085/7	5.0	3.605538	50.0	389817.0	0.721108	Y
4	STD20 460-872085/8	20.0	14.637726	50.0	396841.0	0.731886	Y
5	STD50 460-872085/9	50.0	40.725712	50.0	359440.0	0.814514	Y
6	STD200 460-872085/10	200.0	127.317615	50.0	436138.0	0.636588	Y
7	STD500 460-872085/11	500.0	341.878957	50.0	447264.0	0.683758	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

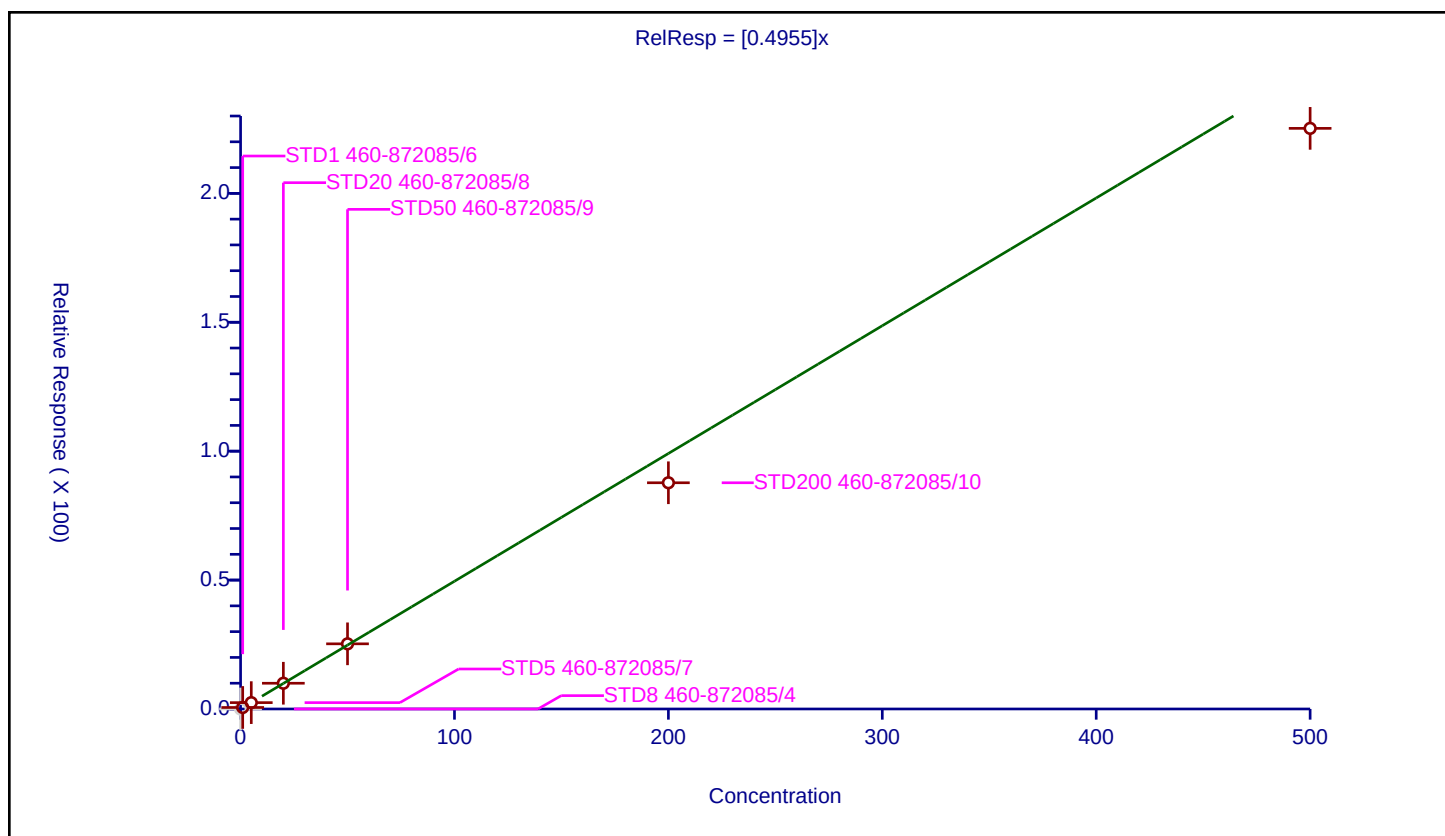
Curve Coefficients

Intercept: 0
Slope: 0.4955

Error Coefficients

Standard Error: 968000
Relative Standard Error: 10.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.585057	50.0	406798.0	0.585057	Y
3	STD5 460-872085/7	5.0	2.470262	50.0	389817.0	0.494052	Y
4	STD20 460-872085/8	20.0	9.987249	50.0	396841.0	0.499362	Y
5	STD50 460-872085/9	50.0	25.272925	50.0	359440.0	0.505458	Y
6	STD200 460-872085/10	200.0	87.749978	50.0	436138.0	0.43875	Y
7	STD500 460-872085/11	500.0	225.208602	50.0	447264.0	0.450417	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

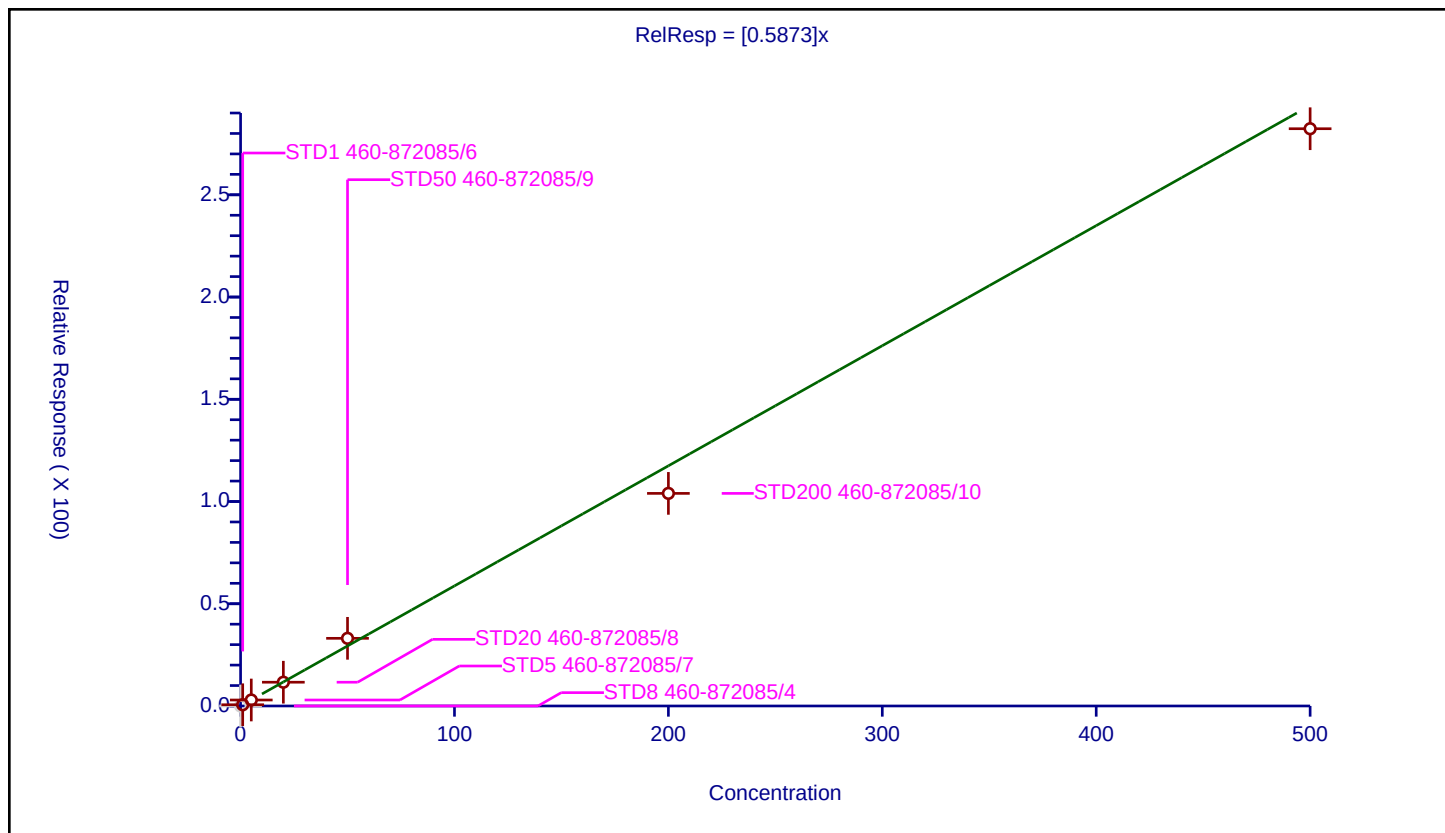
Curve Coefficients

Intercept: 0
 Slope: 0.5873

Error Coefficients

Standard Error: 1210000
 Relative Standard Error: 8.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.611974	50.0	406798.0	0.611974	Y
3	STD5 460-872085/7	5.0	2.922269	50.0	389817.0	0.584454	Y
4	STD20 460-872085/8	20.0	11.623547	50.0	396841.0	0.581177	Y
5	STD50 460-872085/9	50.0	33.089111	50.0	359440.0	0.661782	Y
6	STD200 460-872085/10	200.0	103.97913	50.0	436138.0	0.519896	Y
7	STD500 460-872085/11	500.0	282.319279	50.0	447264.0	0.564639	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

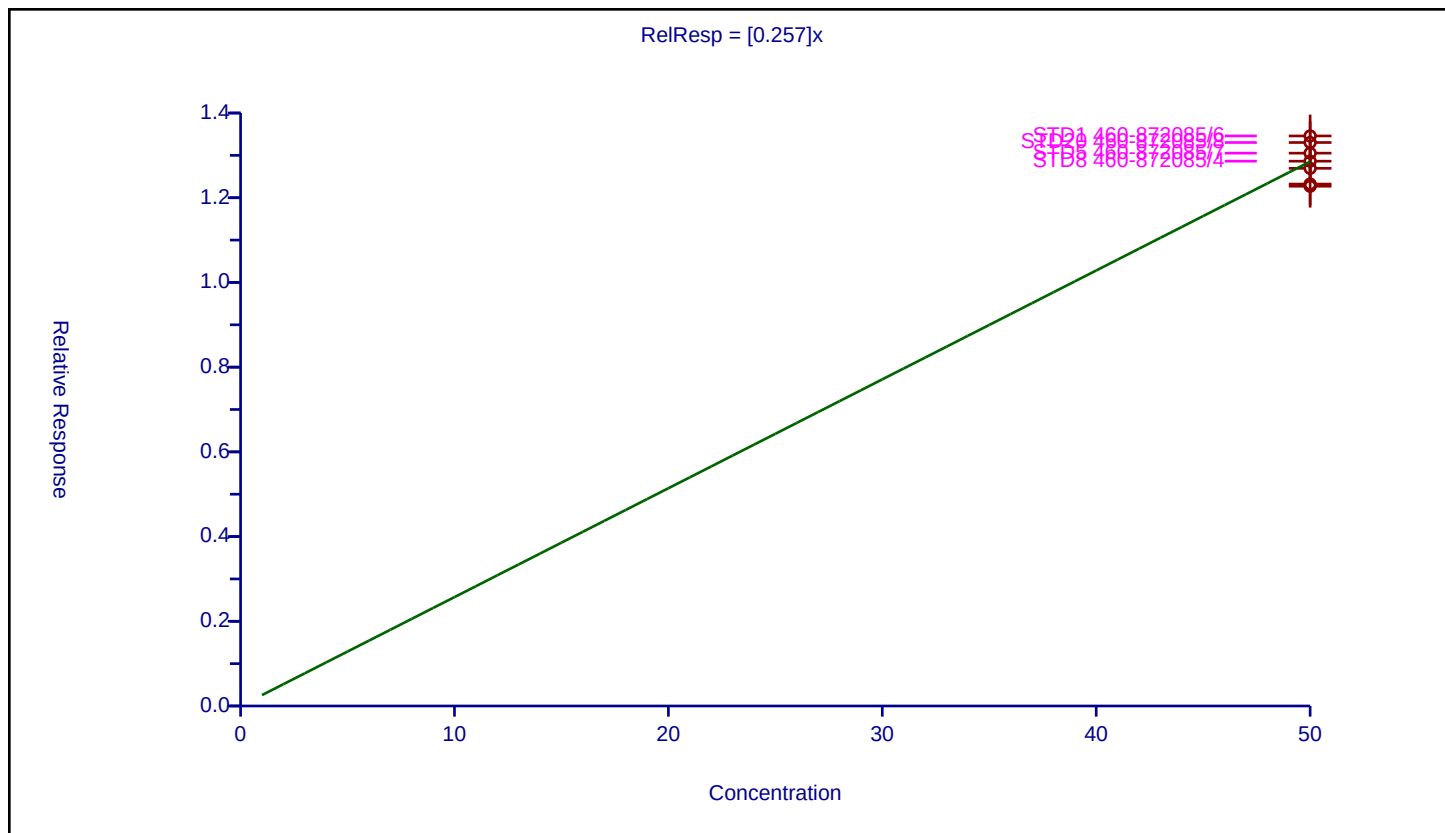
Curve Coefficients

Intercept: 0
 Slope: 0.257

Error Coefficients

Standard Error: 126000
 Relative Standard Error: 3.6
 Correlation Coefficient: 0.00000000000000000000
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	50.0	12.863009	50.0	666788.0	0.25726	Y
2	STD1 460-872085/6	50.0	13.4584	50.0	406798.0	0.269168	Y
3	STD5 460-872085/7	50.0	13.052278	50.0	389817.0	0.261046	Y
4	STD20 460-872085/8	50.0	13.303817	50.0	396841.0	0.266076	Y
5	STD50 460-872085/9	50.0	12.69433	50.0	359440.0	0.253887	Y
6	STD200 460-872085/10	50.0	12.270887	50.0	436138.0	0.245418	Y
7	STD500 460-872085/11	50.0	12.322923	50.0	447264.0	0.246458	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

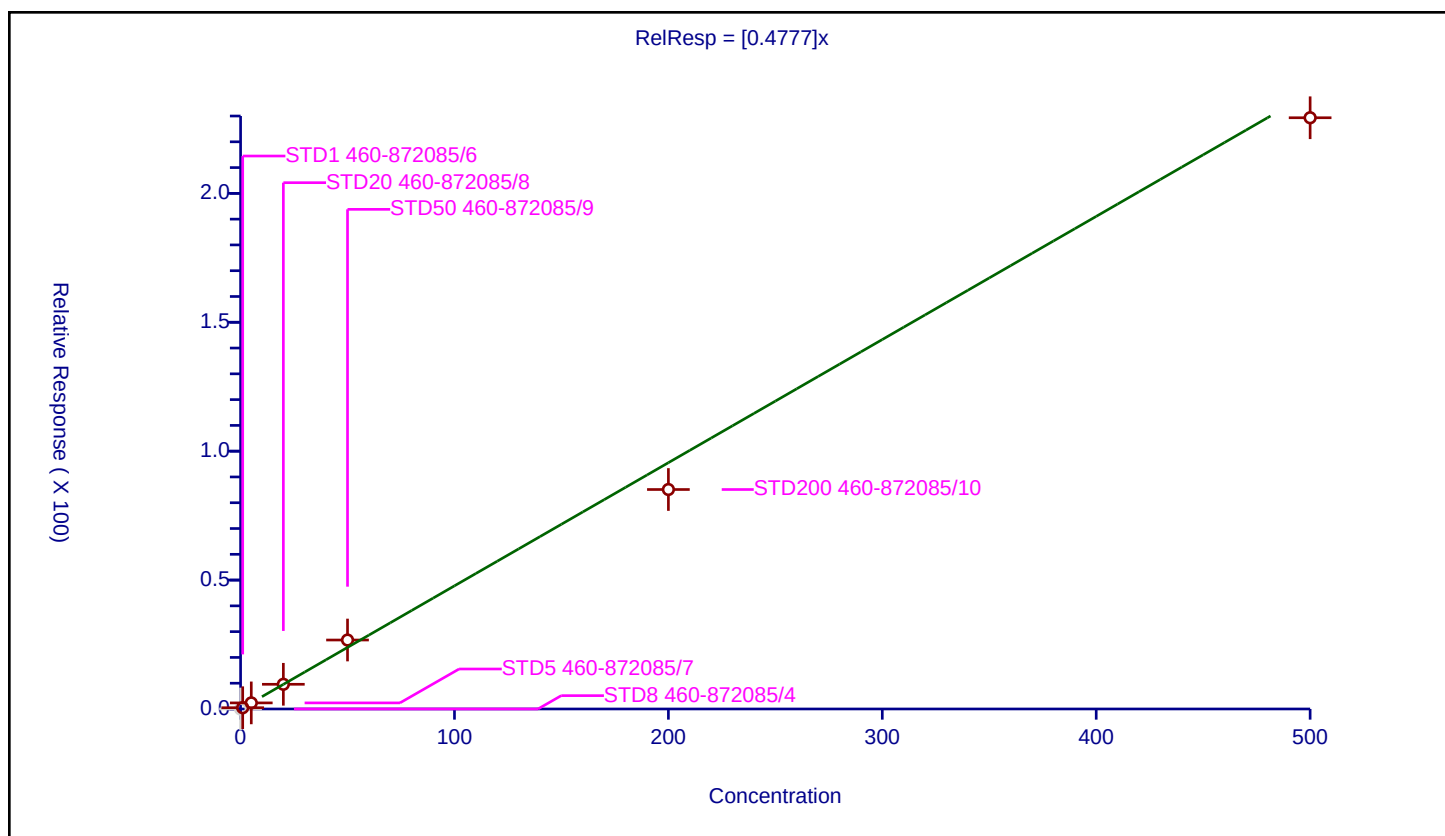
Curve Coefficients

Intercept: 0
 Slope: 0.4777

Error Coefficients

Standard Error: 980000
 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	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.495946	50.0	406798.0	0.495946	Y
3	STD5 460-872085/7	5.0	2.359569	50.0	389817.0	0.471914	Y
4	STD20 460-872085/8	20.0	9.578773	50.0	396841.0	0.478939	Y
5	STD50 460-872085/9	50.0	26.747858	50.0	359440.0	0.534957	Y
6	STD200 460-872085/10	200.0	85.129019	50.0	436138.0	0.425645	Y
7	STD500 460-872085/11	500.0	229.325186	50.0	447264.0	0.45865	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

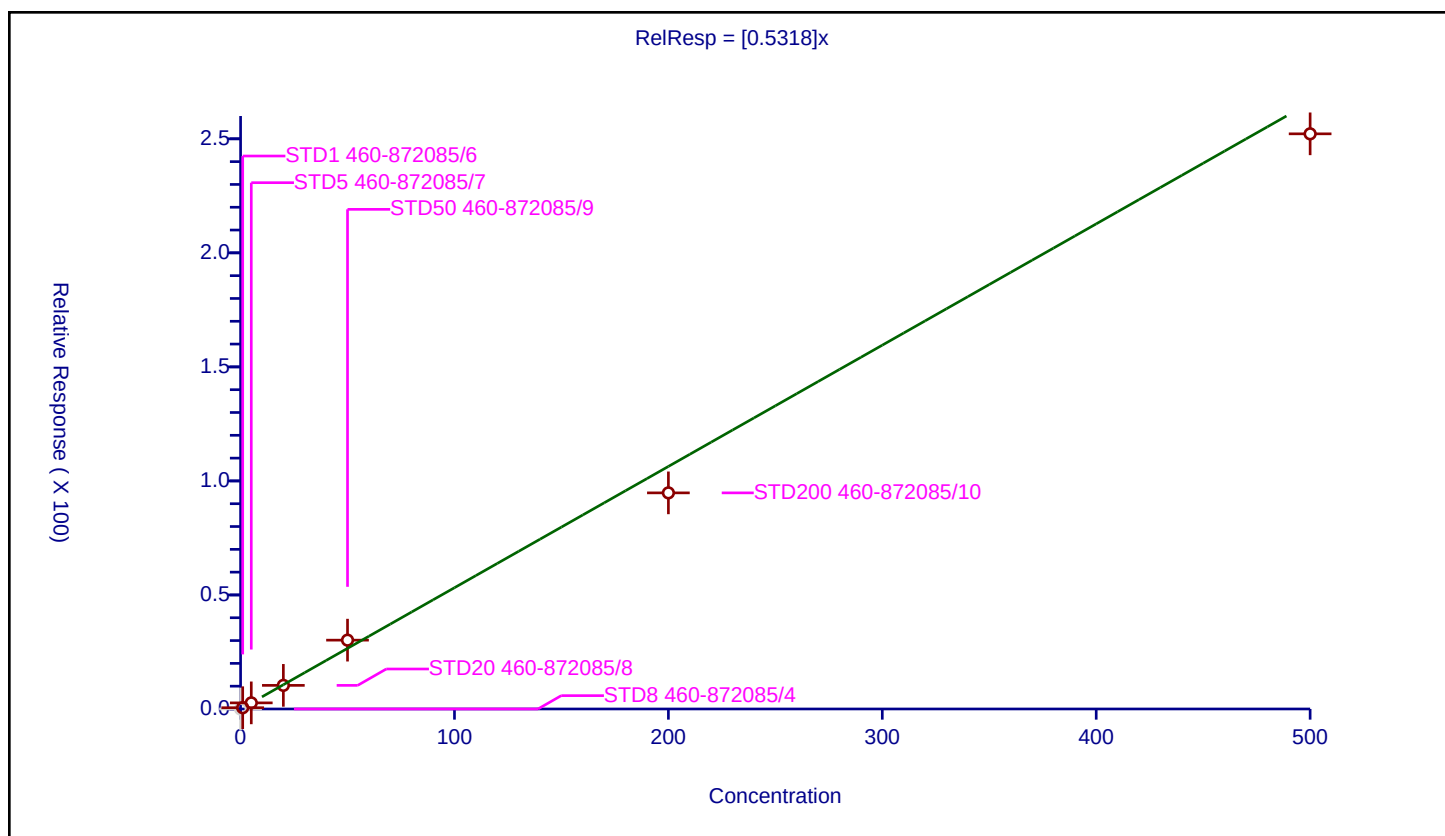
Curve Coefficients

Intercept: 0
 Slope: 0.5318

Error Coefficients

Standard Error: 1080000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.55396	50.0	406798.0	0.55396	Y
3	STD5 460-872085/7	5.0	2.684208	50.0	389817.0	0.536842	Y
4	STD20 460-872085/8	20.0	10.357675	50.0	396841.0	0.517884	Y
5	STD50 460-872085/9	50.0	30.185288	50.0	359440.0	0.603706	Y
6	STD200 460-872085/10	200.0	94.761635	50.0	436138.0	0.473808	Y
7	STD500 460-872085/11	500.0	252.184728	50.0	447264.0	0.504369	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

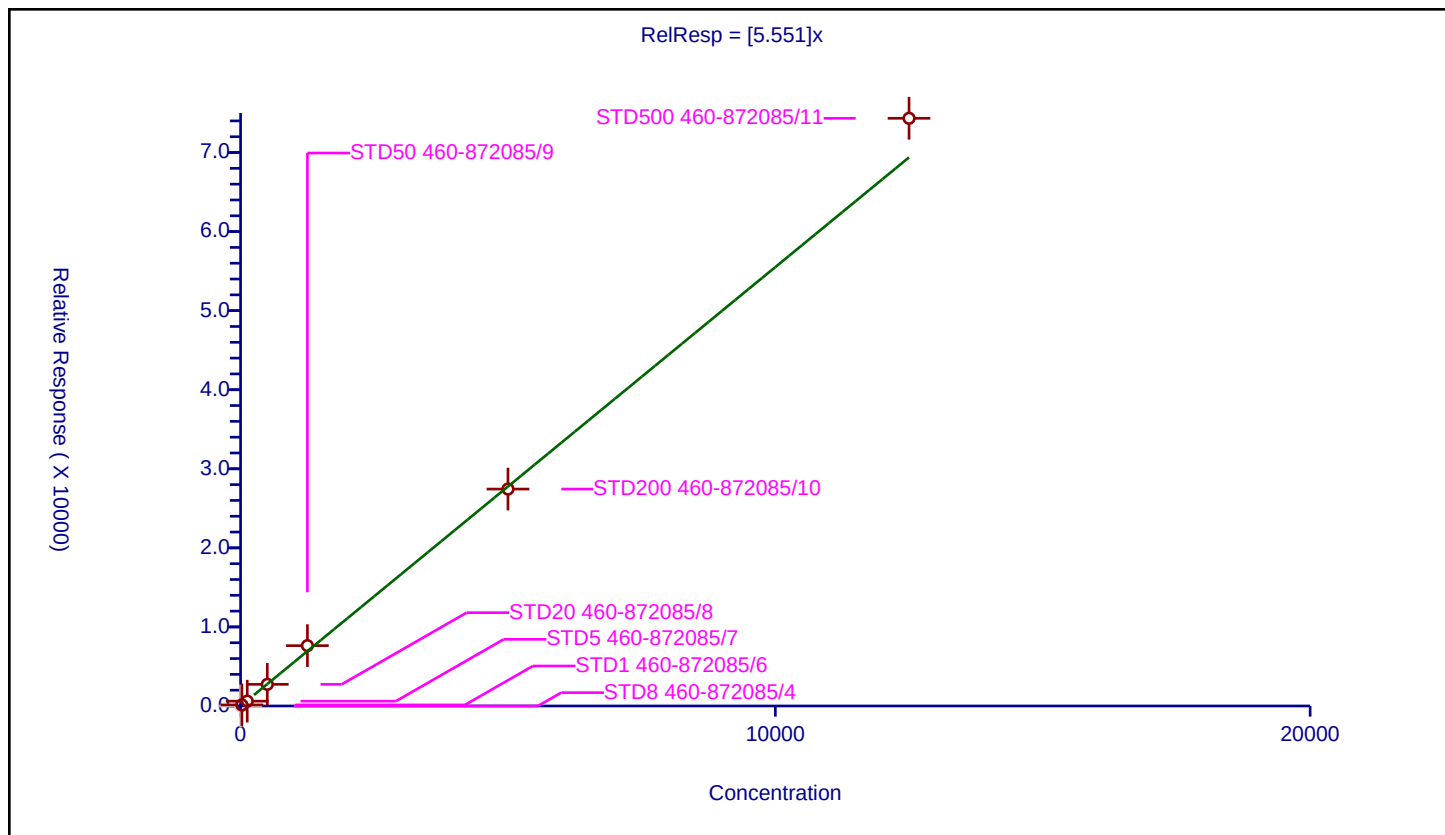
Curve Coefficients

Intercept: 0
Slope: 5.551

Error Coefficients

Standard Error: 1340000
Relative Standard Error: 7.7
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	25.0	134.975092	1000.0	31917.0	5.399004	Y
3	STD5 460-872085/7	125.0	612.435496	1000.0	31587.0	4.899484	Y
4	STD20 460-872085/8	500.0	2735.549654	1000.0	30501.0	5.471099	Y
5	STD50 460-872085/9	1250.0	7630.805212	1000.0	26937.0	6.104644	Y
6	STD200 460-872085/10	5000.0	27436.712067	1000.0	33553.0	5.487342	Y
7	STD500 460-872085/11	12500.0	74331.578412	1000.0	39318.0	5.946526	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

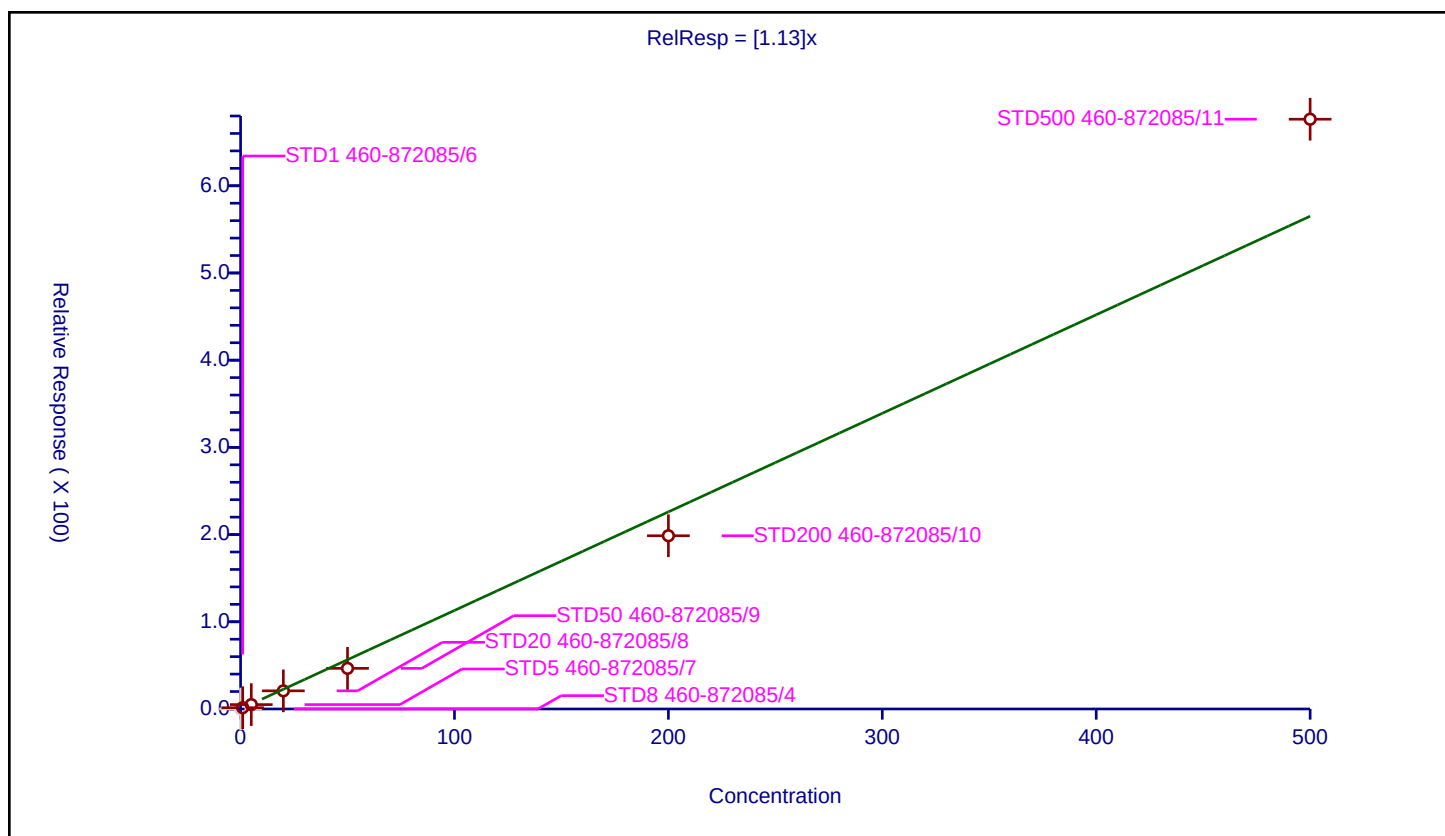
Curve Coefficients

Intercept: 0
Slope: 1.13

Error Coefficients

Standard Error: 2820000
Relative Standard Error: 19.2
Correlation Coefficient: 0.987
Coefficient of Determination (Adjusted): 0.953

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.45453	50.0	406798.0	1.45453	Y
3	STD5 460-872085/7	5.0	5.039801	50.0	389817.0	1.00796	Y
4	STD20 460-872085/8	20.0	20.812996	50.0	396841.0	1.04065	Y
5	STD50 460-872085/9	50.0	46.599989	50.0	359440.0	0.932	Y
6	STD200 460-872085/10	200.0	198.668426	50.0	436138.0	0.993342	Y
7	STD500 460-872085/11	500.0	676.333329	50.0	447264.0	1.352667	Y



Calibration

/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

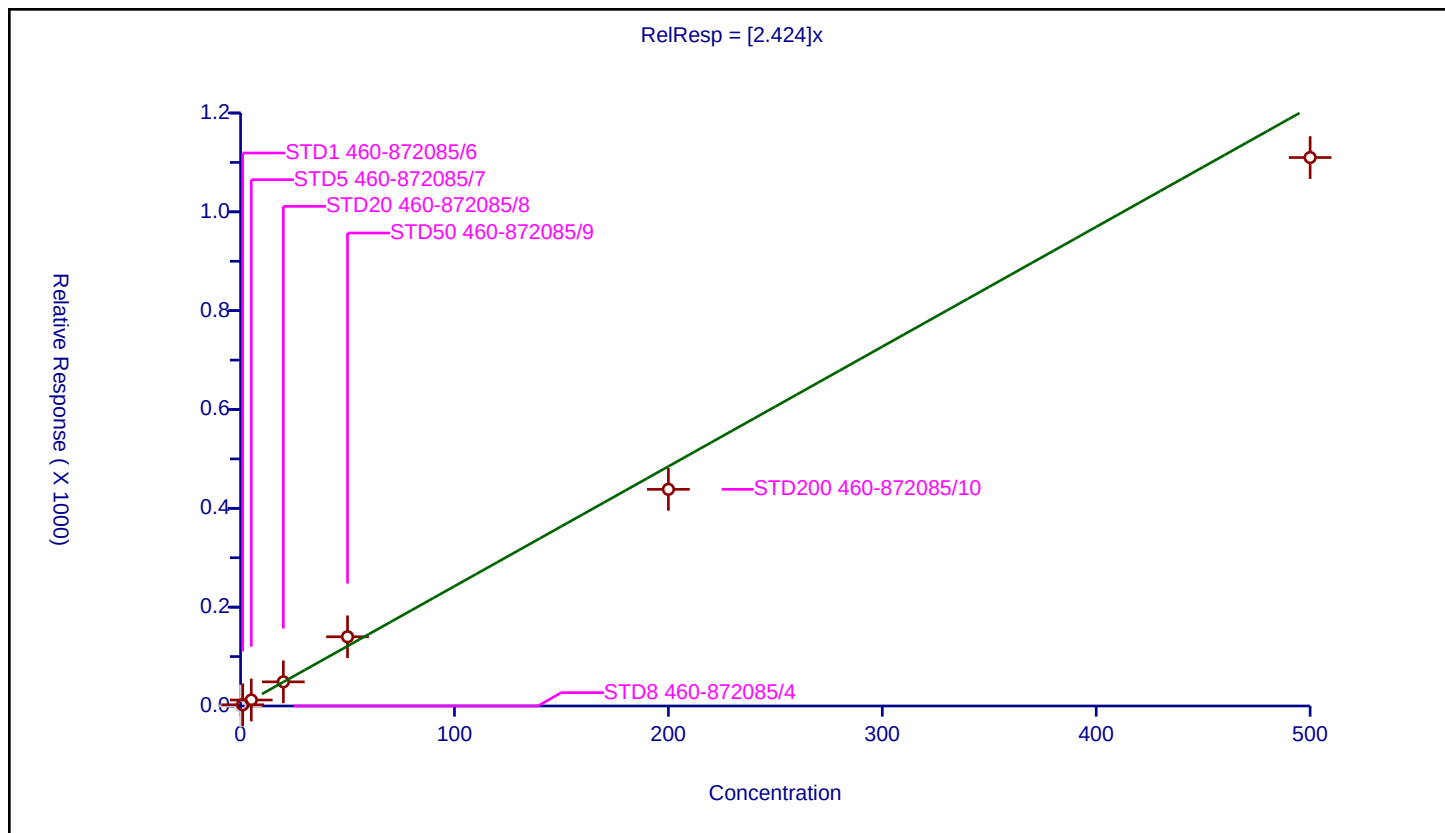
Curve Coefficients

Intercept: 0
 Slope: 2.424

Error Coefficients

Standard Error: 3510000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	2.460718	50.0	270165.0	2.460718	Y
3	STD5 460-872085/7	5.0	12.136683	50.0	261789.0	2.427337	Y
4	STD20 460-872085/8	20.0	48.843603	50.0	267166.0	2.44218	Y
5	STD50 460-872085/9	50.0	140.068824	50.0	242504.0	2.801376	Y
6	STD200 460-872085/10	200.0	438.431086	50.0	299462.0	2.192155	Y
7	STD500 460-872085/11	500.0	1109.904503	50.0	331213.0	2.219809	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

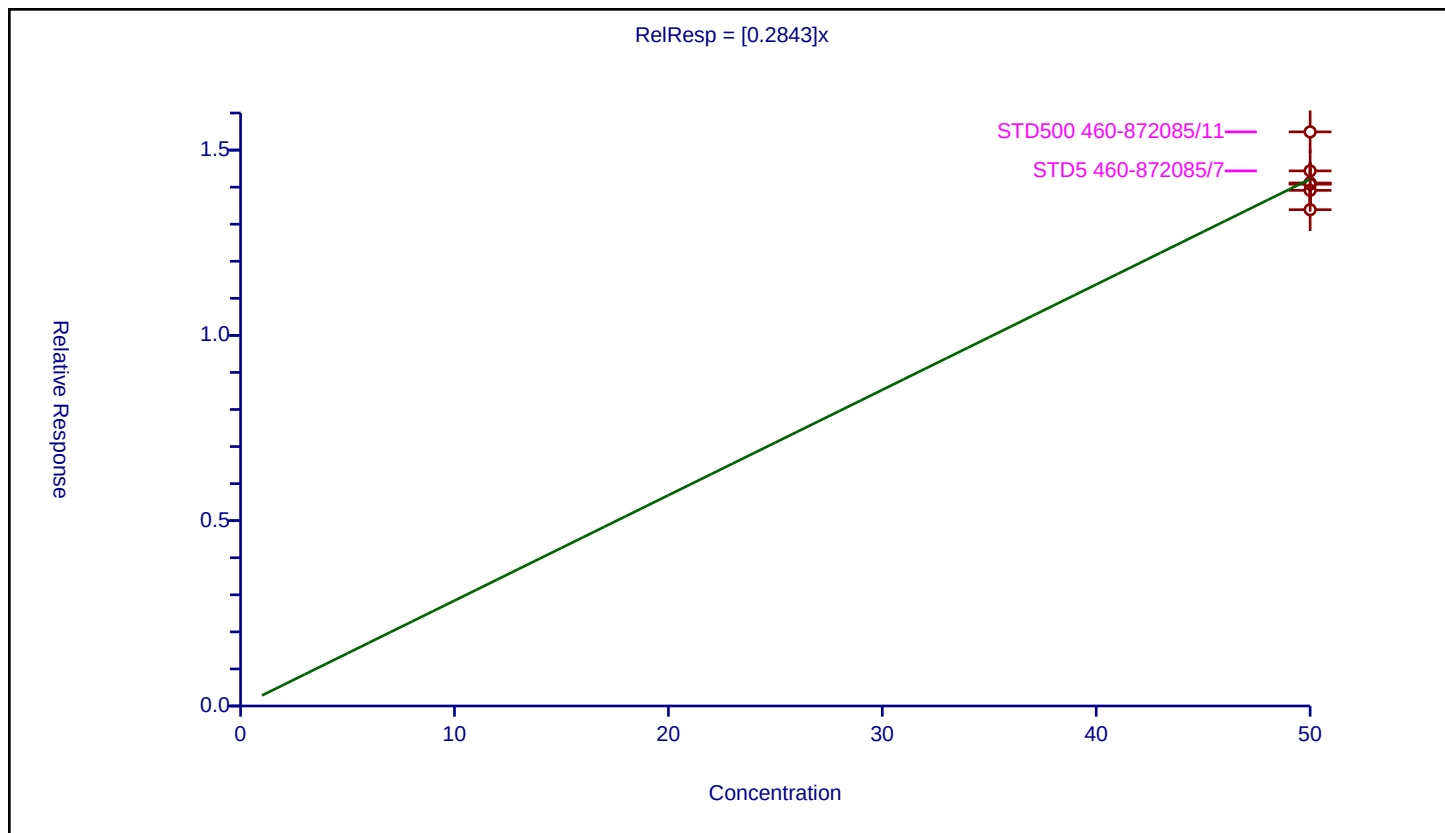
Curve Coefficients

Intercept: 0
Slope: 0.2843

Error Coefficients

Standard Error: 138000
Relative Standard Error: 4.5
Correlation Coefficient: NA
Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	50.0	13.391438	50.0	666788.0	0.267829	Y
2	STD1 460-872085/6	50.0	14.087827	50.0	406798.0	0.281757	Y
3	STD5 460-872085/7	50.0	14.438955	50.0	389817.0	0.288779	Y
4	STD20 460-872085/8	50.0	14.112705	50.0	396841.0	0.282254	Y
5	STD50 460-872085/9	50.0	13.912892	50.0	359440.0	0.278258	Y
6	STD200 460-872085/10	50.0	14.082699	50.0	436138.0	0.281654	Y
7	STD500 460-872085/11	50.0	15.490963	50.0	447264.0	0.309819	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

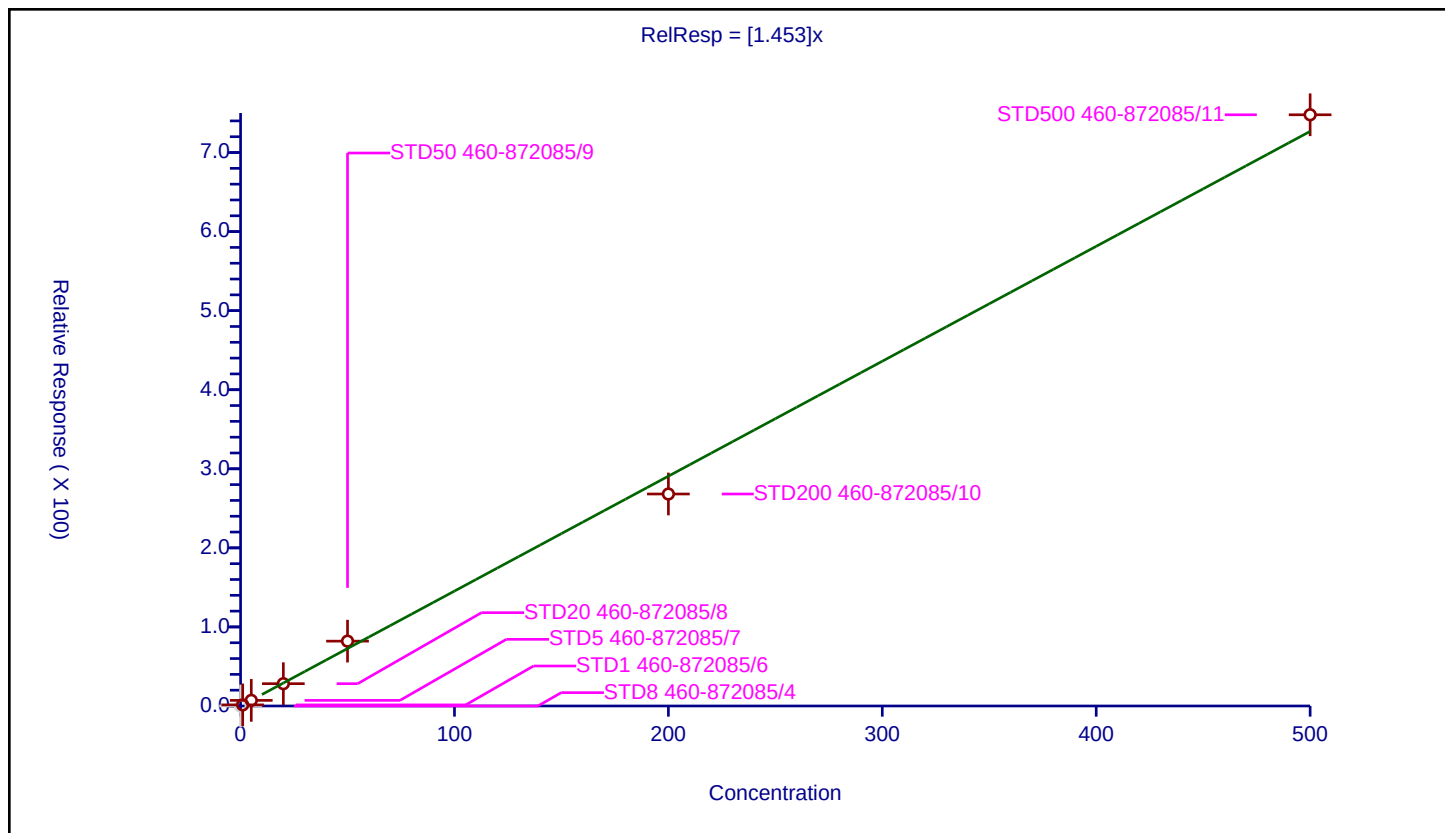
Curve Coefficients

Intercept: 0
 Slope: 1.453

Error Coefficients

Standard Error: 3180000
 Relative Standard Error: 7.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	1.412372	50.0	406798.0	1.412372	Y
3	STD5 460-872085/7	5.0	7.107566	50.0	389817.0	1.421513	Y
4	STD20 460-872085/8	20.0	28.209661	50.0	396841.0	1.410483	Y
5	STD50 460-872085/9	50.0	82.023008	50.0	359440.0	1.64046	Y
6	STD200 460-872085/10	200.0	268.116055	50.0	436138.0	1.34058	Y
7	STD500 460-872085/11	500.0	747.781176	50.0	447264.0	1.495562	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

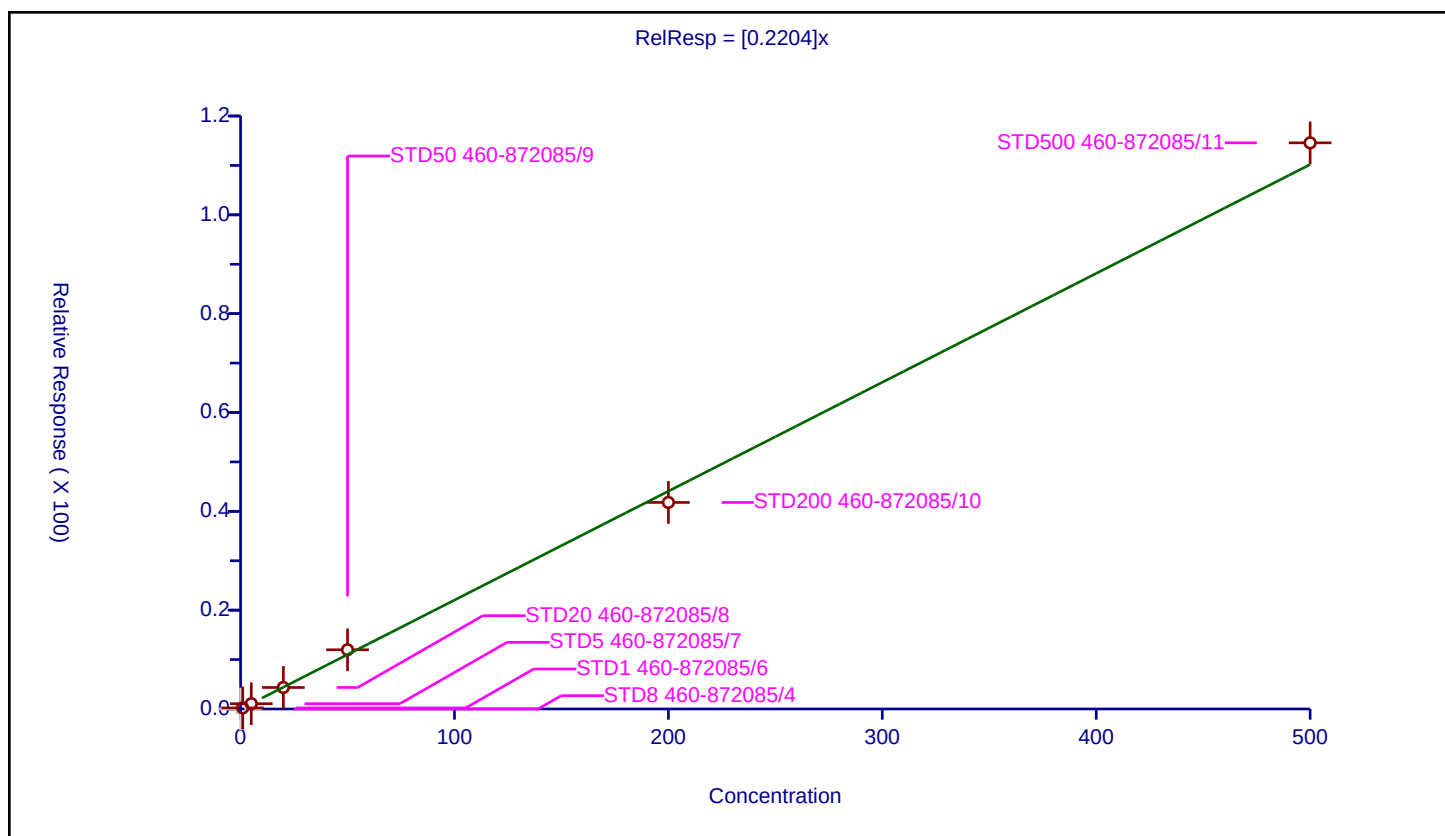
Curve Coefficients

Intercept: 0
Slope: 0.2204

Error Coefficients

Standard Error: 488000
Relative Standard Error: 5.3
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.21239	50.0	406798.0	0.21239	Y
3	STD5 460-872085/7	5.0	1.072939	50.0	389817.0	0.214588	Y
4	STD20 460-872085/8	20.0	4.349853	50.0	396841.0	0.217493	Y
5	STD50 460-872085/9	50.0	11.980442	50.0	359440.0	0.239609	Y
6	STD200 460-872085/10	200.0	41.798697	50.0	436138.0	0.208993	Y
7	STD500 460-872085/11	500.0	114.571707	50.0	447264.0	0.229143	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

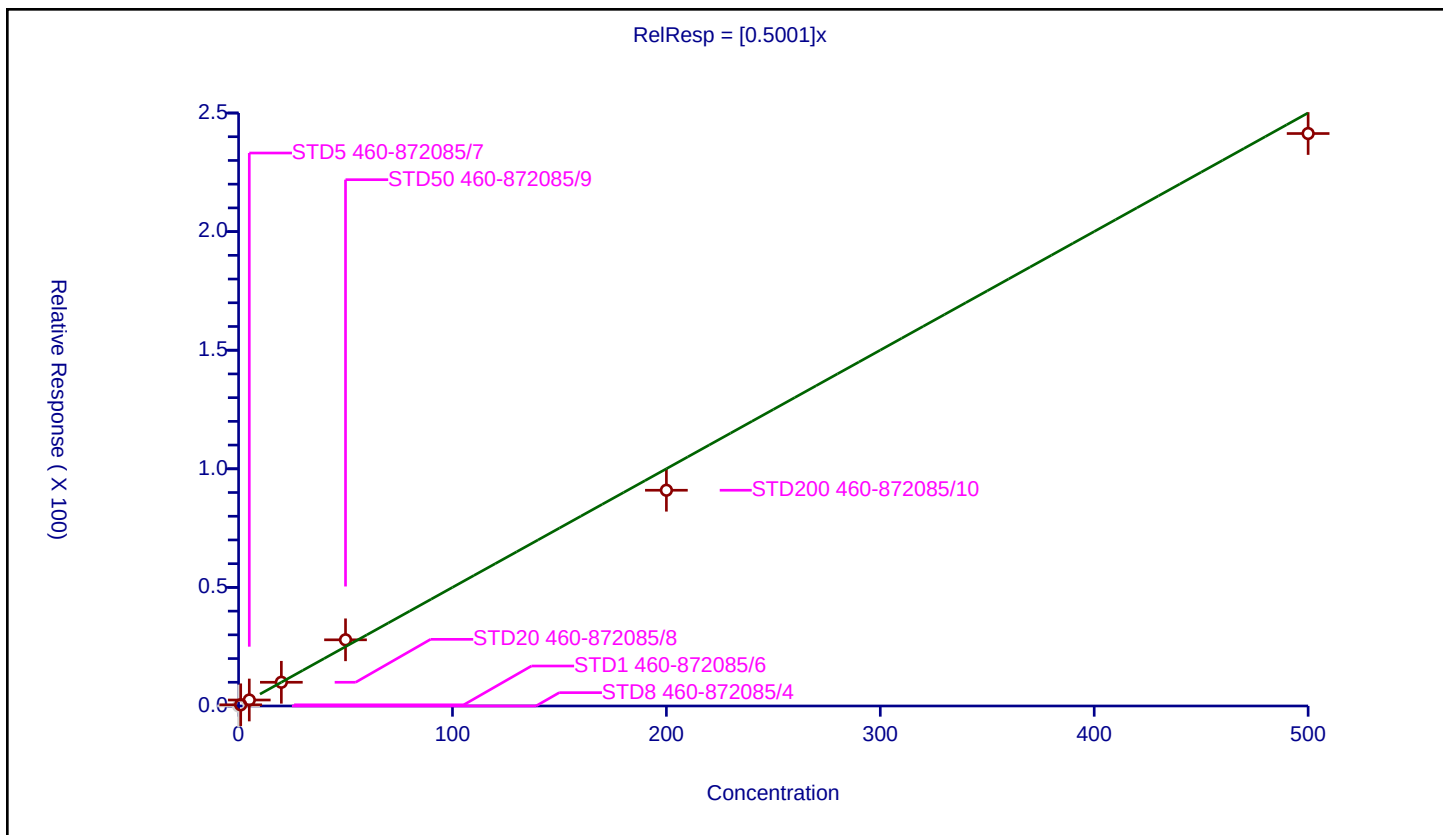
Curve Coefficients

Intercept: 0
 Slope: 0.5001

Error Coefficients

Standard Error: 1030000
 Relative Standard Error: 6.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.49988	50.0	406798.0	0.49988	Y
3	STD5 460-872085/7	5.0	2.52734	50.0	389817.0	0.505468	Y
4	STD20 460-872085/8	20.0	9.998337	50.0	396841.0	0.499917	Y
5	STD50 460-872085/9	50.0	27.894224	50.0	359440.0	0.557884	Y
6	STD200 460-872085/10	200.0	90.955844	50.0	436138.0	0.454779	Y
7	STD500 460-872085/11	500.0	241.351976	50.0	447264.0	0.482704	Y



Calibration

/ n-Heptane

Curve Type: Quadratic
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

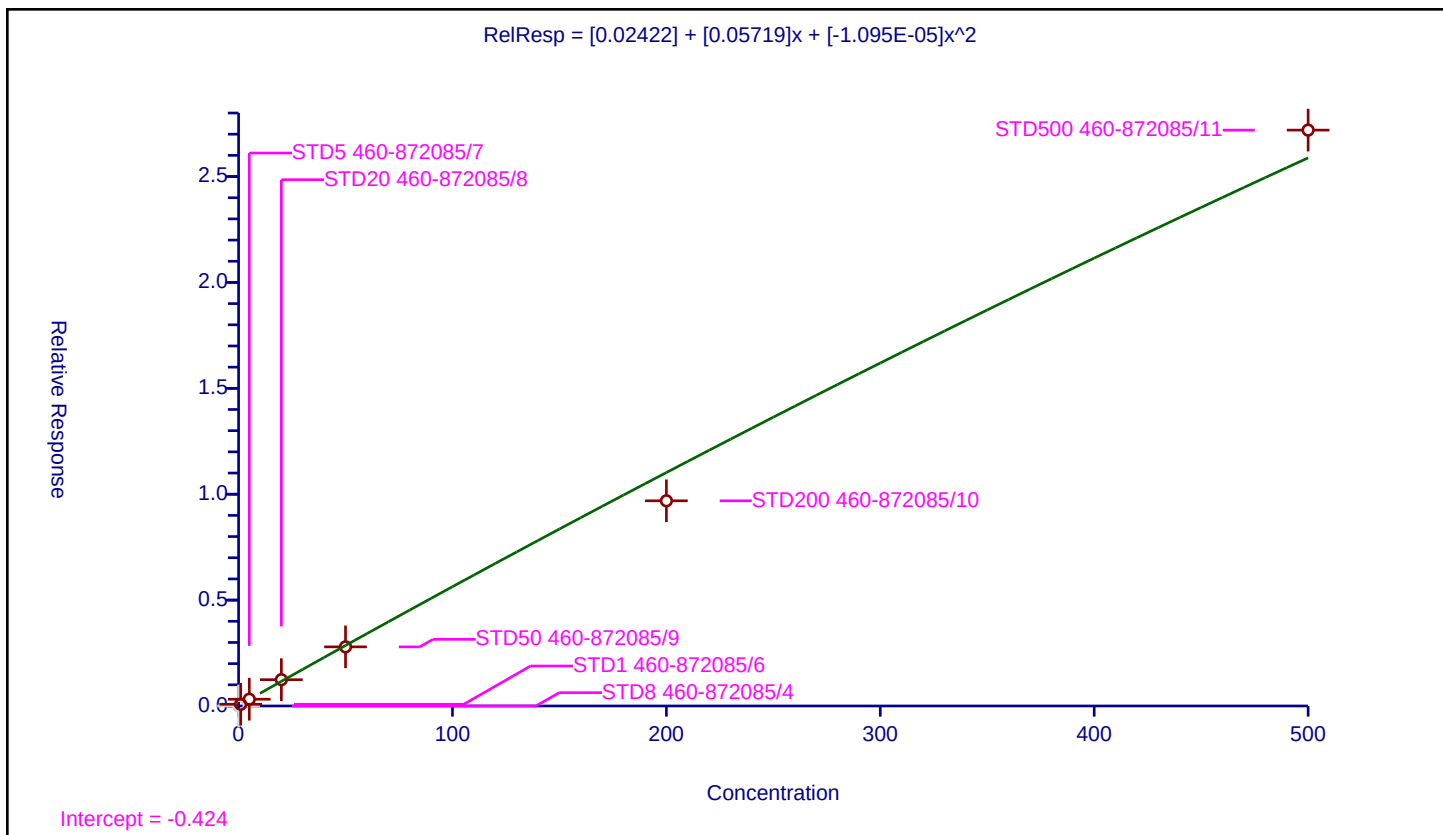
Curve Coefficients

Intercept: 0.02422
 Slope: 0.05719
 Second Order: -1.095E-05

Error Coefficients

Standard Error: 149000
 Relative Standard Error: 9.2
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.080876	50.0	406798.0	0.080876	Y
3	STD5 460-872085/7	5.0	0.319509	50.0	389817.0	0.063902	Y
4	STD20 460-872085/8	20.0	1.242311	50.0	396841.0	0.062116	Y
5	STD50 460-872085/9	50.0	2.792677	50.0	359440.0	0.055854	Y
6	STD200 460-872085/10	200.0	9.688791	50.0	436138.0	0.048444	Y
7	STD500 460-872085/11	500.0	27.192888	50.0	447264.0	0.054386	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

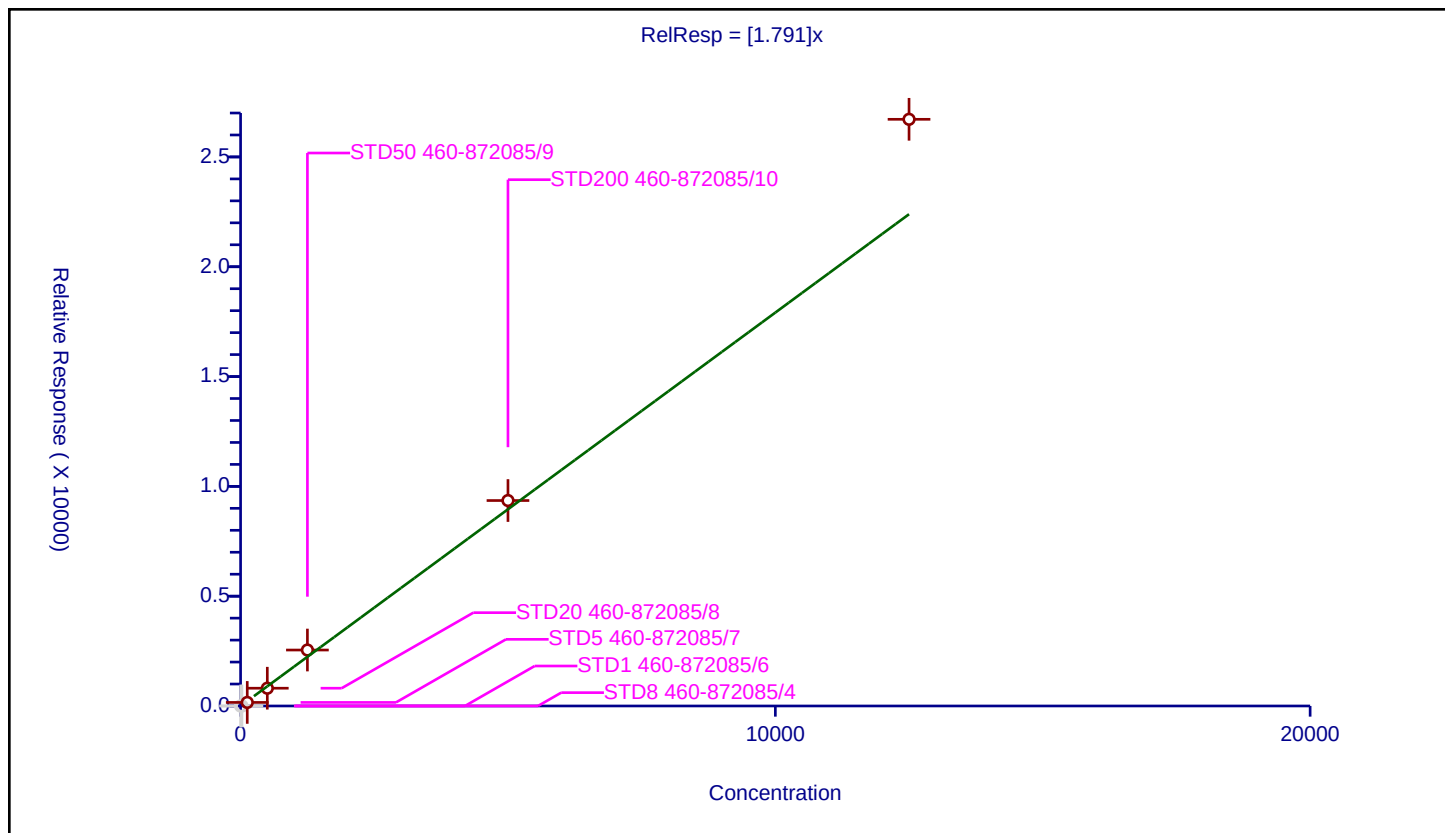
Curve Coefficients

Intercept: 0
Slope: 1.791

Error Coefficients

Standard Error: 537000
Relative Standard Error: 19.1
Correlation Coefficient: 0.990
Coefficient of Determination (Adjusted): 0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	52047.0	NaN	N
2	STD1 460-872085/6	25.0	0.0	1000.0	31917.0	0.0	N
3	STD5 460-872085/7	125.0	161.585462	1000.0	31587.0	1.292684	Y
4	STD20 460-872085/8	500.0	808.793154	1000.0	30501.0	1.617586	Y
5	STD50 460-872085/9	1250.0	2548.316442	1000.0	26937.0	2.038653	Y
6	STD200 460-872085/10	5000.0	9354.960808	1000.0	33553.0	1.870992	Y
7	STD500 460-872085/11	12500.0	26713.769775	1000.0	39318.0	2.137102	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

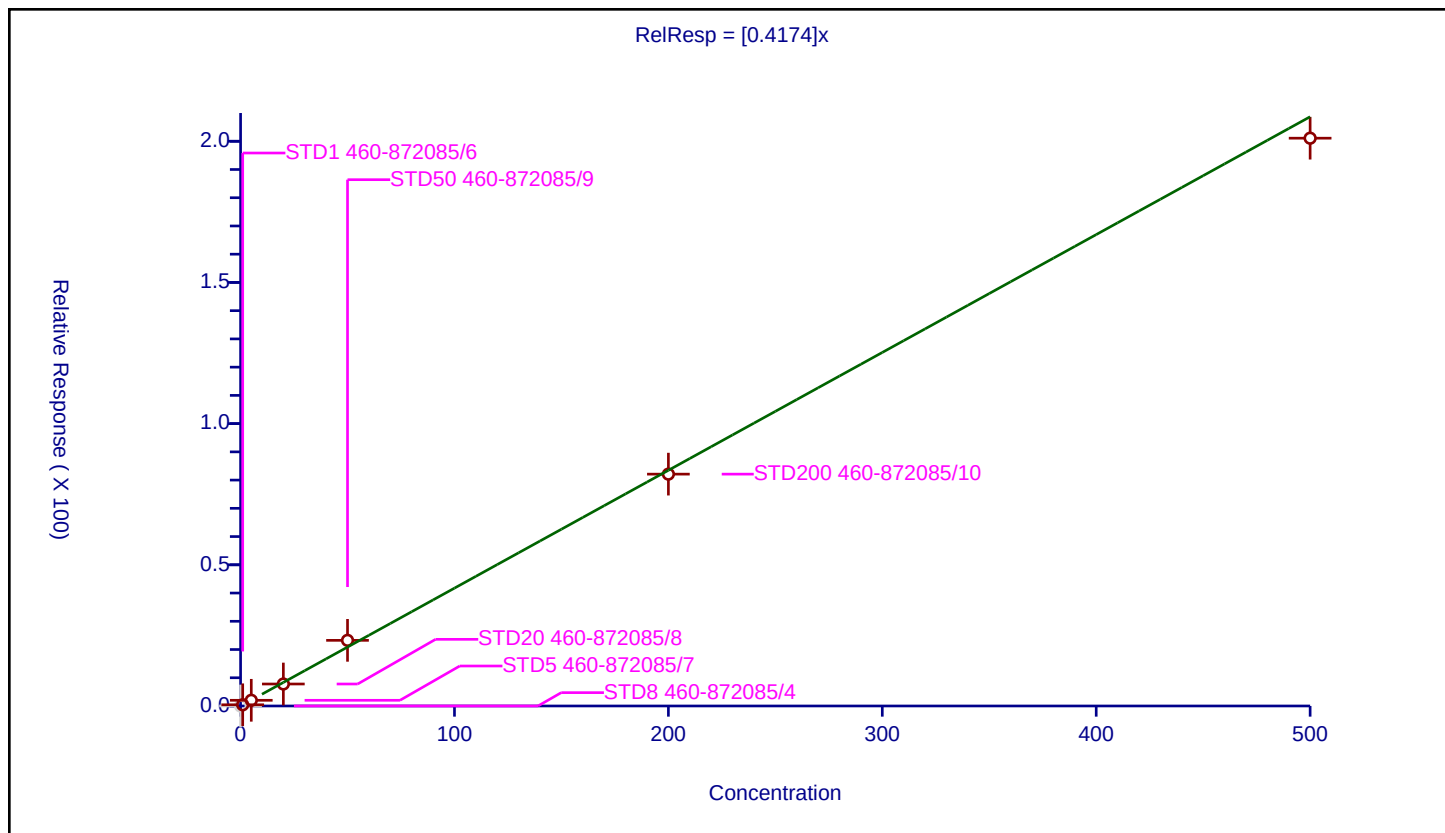
Curve Coefficients

Intercept: 0
 Slope: 0.4174

Error Coefficients

Standard Error: 869000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.433262	50.0	406798.0	0.433262	Y
3	STD5 460-872085/7	5.0	2.019281	50.0	389817.0	0.403856	Y
4	STD20 460-872085/8	20.0	7.787628	50.0	396841.0	0.389381	Y
5	STD50 460-872085/9	50.0	23.244352	50.0	359440.0	0.464887	Y
6	STD200 460-872085/10	200.0	82.114262	50.0	436138.0	0.410571	Y
7	STD500 460-872085/11	500.0	201.088172	50.0	447264.0	0.402176	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

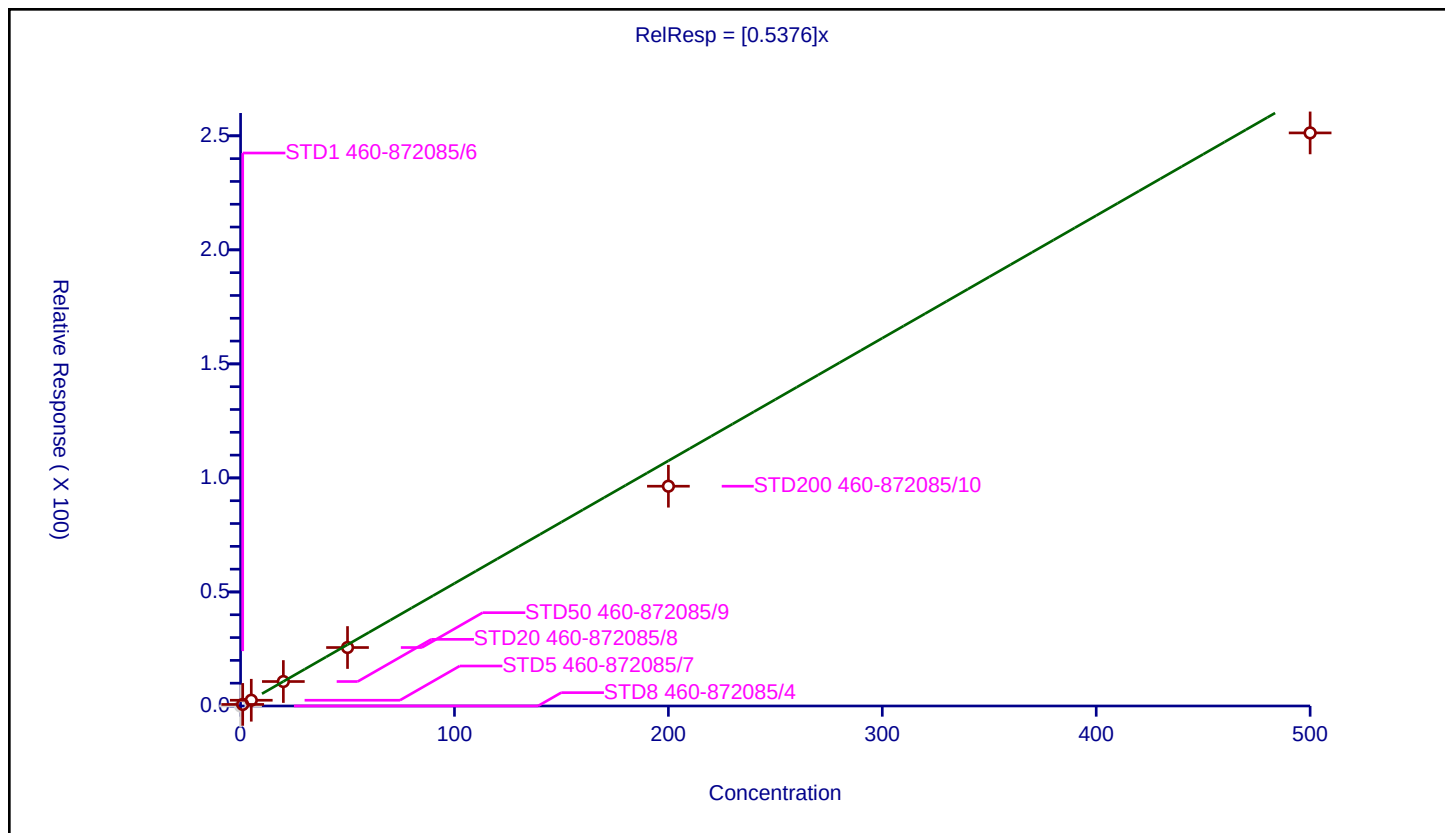
Curve Coefficients

Intercept: 0
Slope: 0.5376

Error Coefficients

Standard Error: 1080000
Relative Standard Error: 14.2
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.689286	50.0	406798.0	0.689286	Y
3	STD5 460-872085/7	5.0	2.51477	50.0	389817.0	0.502954	Y
4	STD20 460-872085/8	20.0	10.722808	50.0	396841.0	0.53614	Y
5	STD50 460-872085/9	50.0	25.637937	50.0	359440.0	0.512759	Y
6	STD200 460-872085/10	200.0	96.365829	50.0	436138.0	0.481829	Y
7	STD500 460-872085/11	500.0	251.282911	50.0	447264.0	0.502566	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

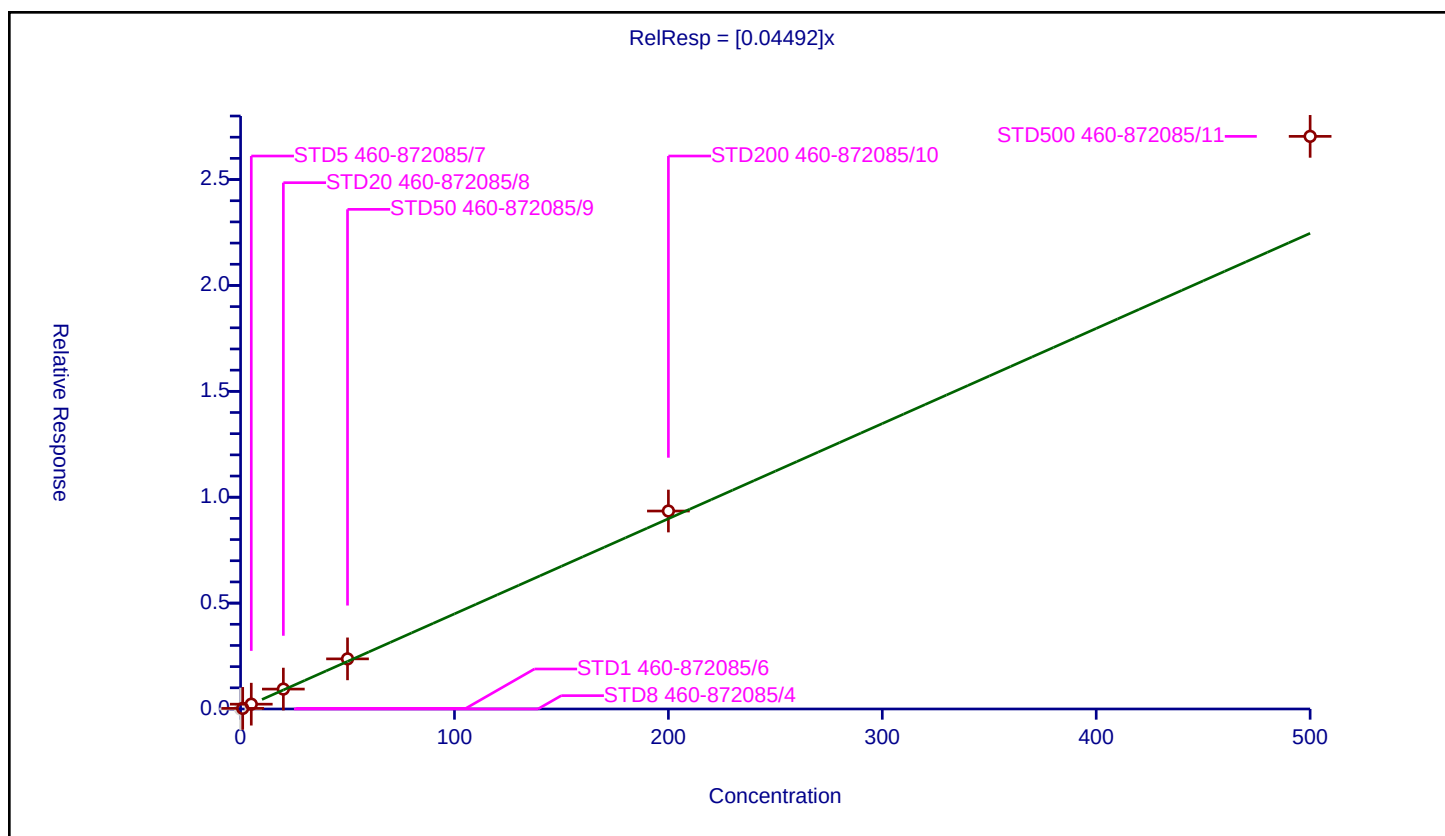
Curve Coefficients

Intercept: 0
Slope: 0.04492

Error Coefficients

Standard Error: 114000
Relative Standard Error: 18.8
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.028884	50.0	406798.0	0.028884	Y
3	STD5 460-872085/7	5.0	0.227543	50.0	389817.0	0.045509	Y
4	STD20 460-872085/8	20.0	0.940049	50.0	396841.0	0.047002	Y
5	STD50 460-872085/9	50.0	2.36632	50.0	359440.0	0.047326	Y
6	STD200 460-872085/10	200.0	9.347615	50.0	436138.0	0.046738	Y
7	STD500 460-872085/11	500.0	27.039511	50.0	447264.0	0.054079	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

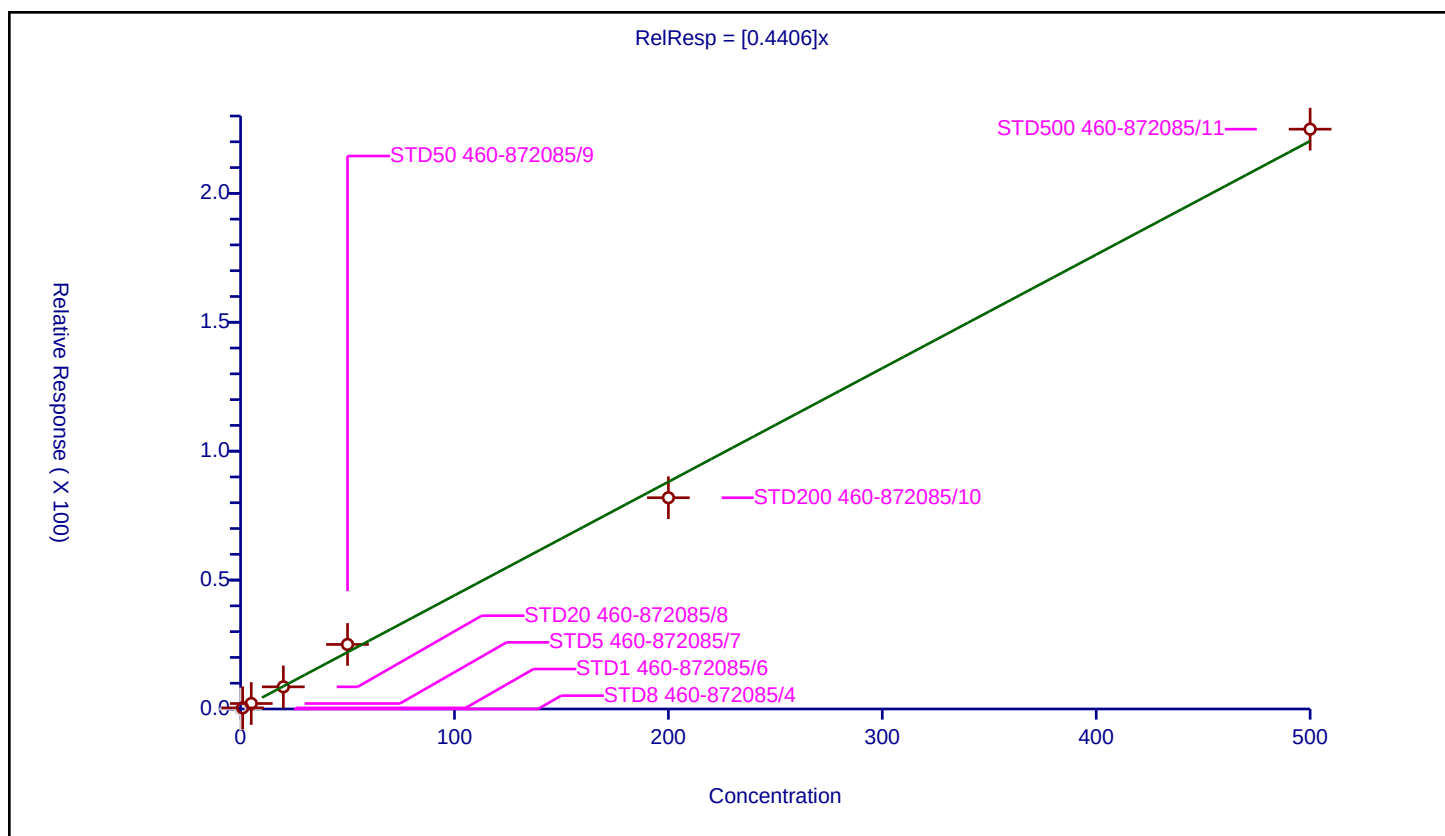
Curve Coefficients

Intercept: 0
 Slope: 0.4406

Error Coefficients

Standard Error: 959000
 Relative Standard Error: 7.3
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.428591	50.0	406798.0	0.428591	Y
3	STD5 460-872085/7	5.0	2.127409	50.0	389817.0	0.425482	Y
4	STD20 460-872085/8	20.0	8.586058	50.0	396841.0	0.429303	Y
5	STD50 460-872085/9	50.0	25.031299	50.0	359440.0	0.500626	Y
6	STD200 460-872085/10	200.0	81.947686	50.0	436138.0	0.409738	Y
7	STD500 460-872085/11	500.0	224.899053	50.0	447264.0	0.449798	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

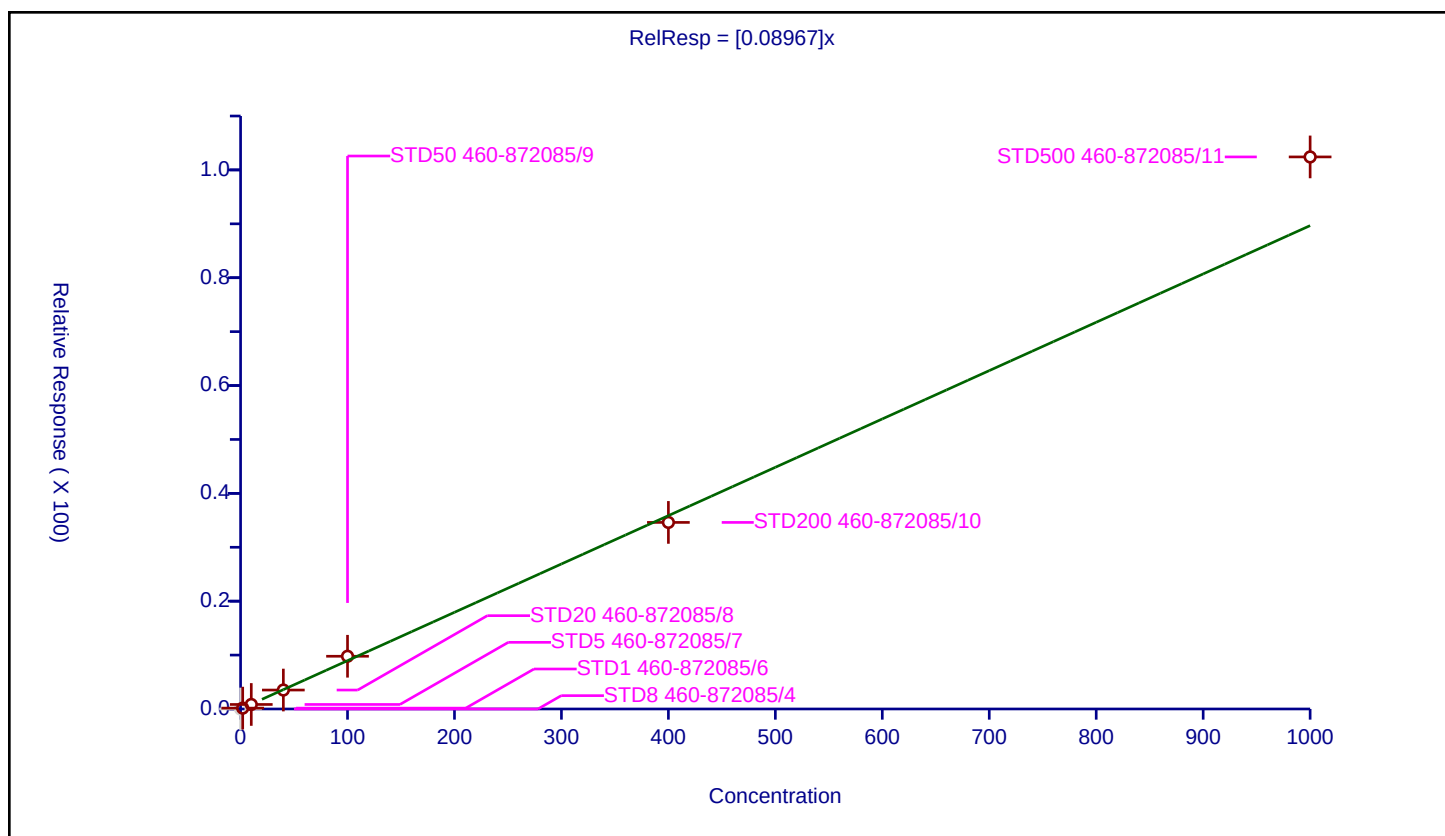
Curve Coefficients

Intercept: 0
Slope: 0.08967

Error Coefficients

Standard Error: 433000
Relative Standard Error: 9.7
Correlation Coefficient: 0.995
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	2.0	0.15917	50.0	406798.0	0.079585	Y
3	STD5 460-872085/7	10.0	0.837829	50.0	389817.0	0.083783	Y
4	STD20 460-872085/8	40.0	3.516018	50.0	396841.0	0.0879	Y
5	STD50 460-872085/9	100.0	9.782161	50.0	359440.0	0.097822	Y
6	STD200 460-872085/10	400.0	34.608541	50.0	436138.0	0.086521	Y
7	STD500 460-872085/11	1000.0	102.409092	50.0	447264.0	0.102409	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

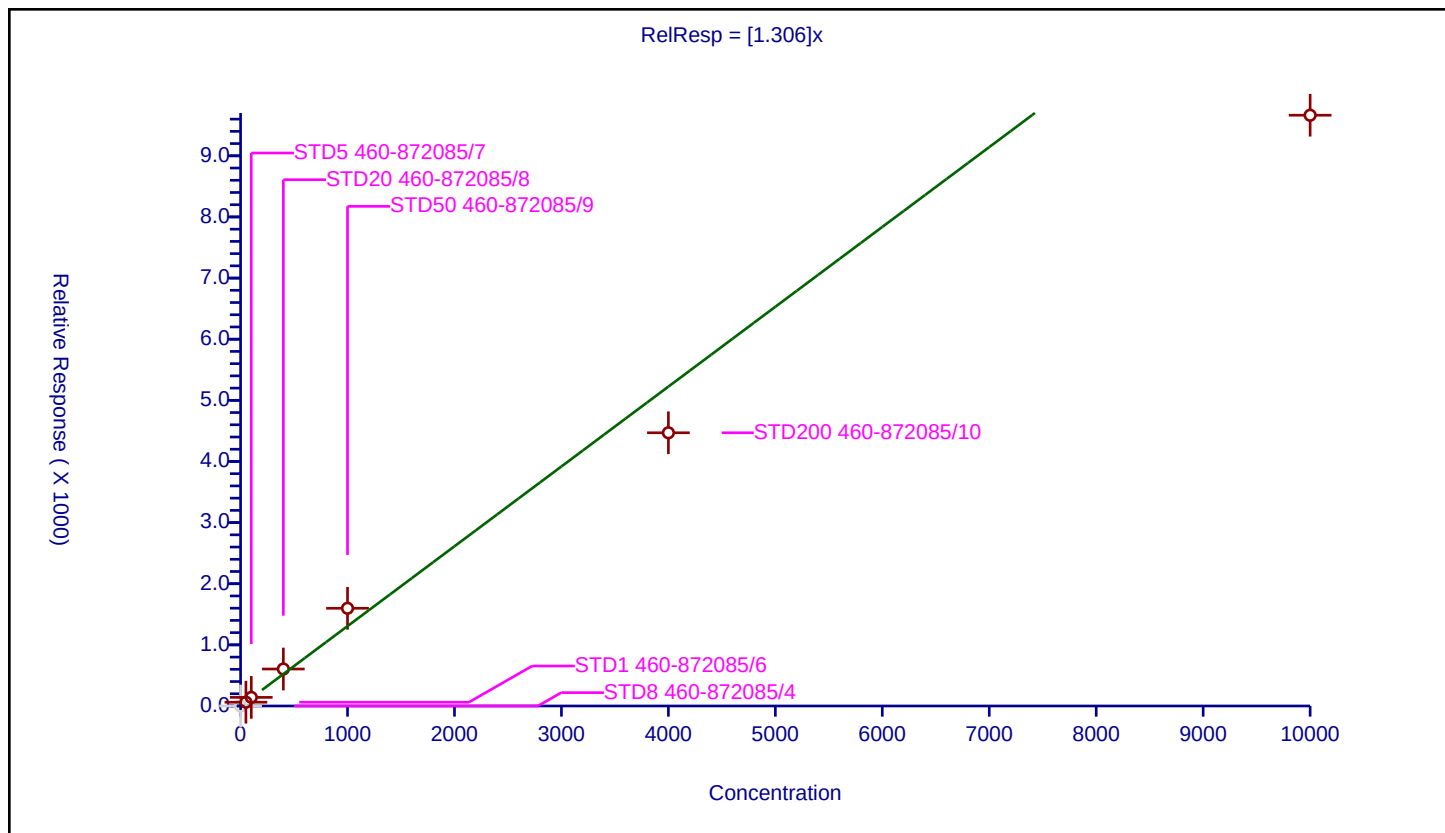
Curve Coefficients

Intercept: 0
Slope: 1.306

Error Coefficients

Standard Error: 117000
Relative Standard Error: 18.6
Correlation Coefficient: 0.993
Coefficient of Determination (Adjusted): 0.956

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	1000.0	23025.0	NaN	N
2	STD1 460-872085/6	50.000062	61.791005	1000.0	14986.0	1.235819	Y
3	STD5 460-872085/7	100.0	140.656532	1000.0	14866.0	1.406565	Y
4	STD20 460-872085/8	400.0	604.669043	1000.0	14307.0	1.511673	Y
5	STD50 460-872085/9	1000.0	1598.538513	1000.0	13411.0	1.598539	Y
6	STD200 460-872085/10	4000.0	4469.28988	1000.0	18349.0	1.117322	Y
7	STD500 460-872085/11	10000.0	9663.731548	1000.0	27029.0	0.966373	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

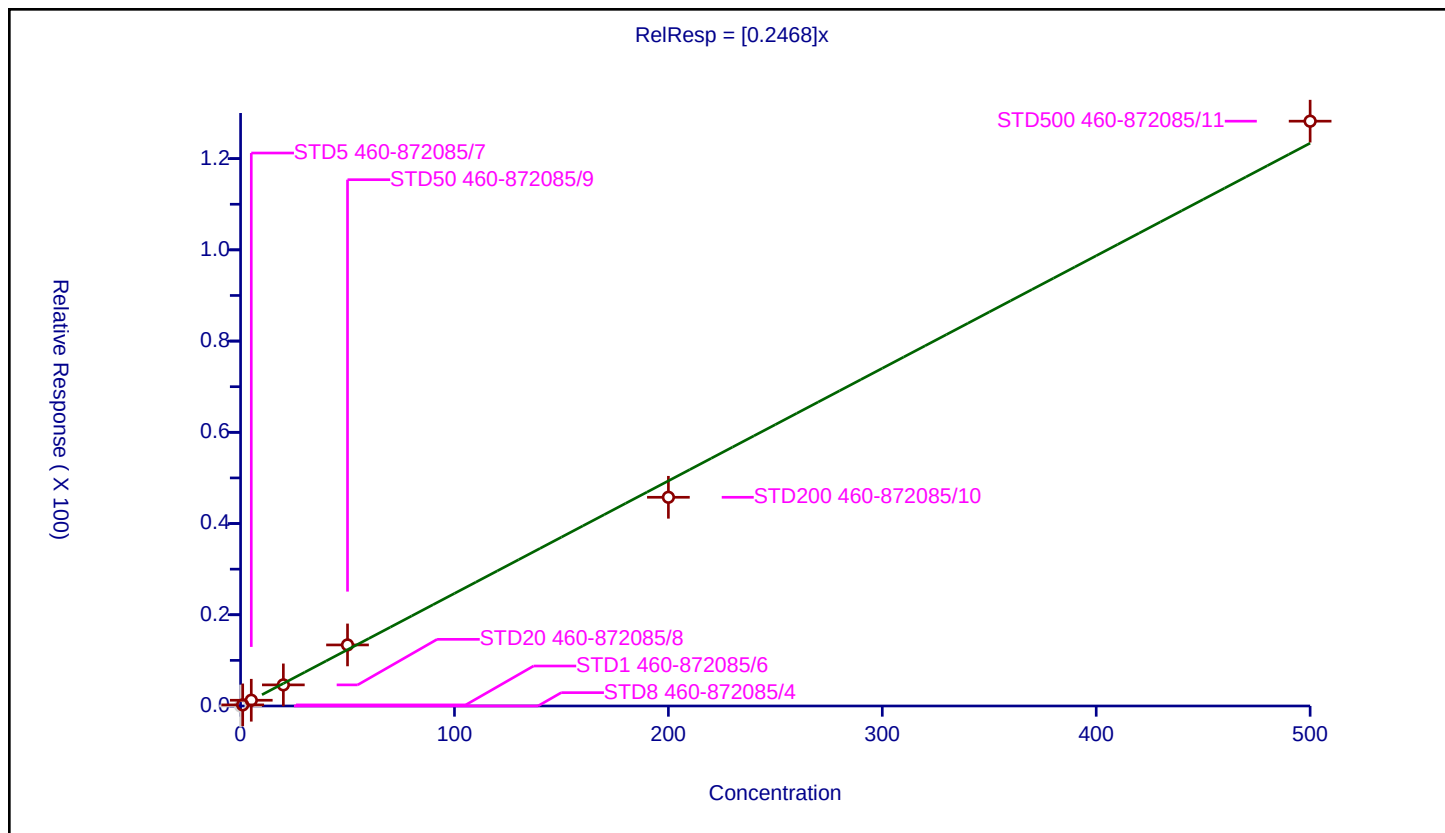
Curve Coefficients

Intercept: 0
 Slope: 0.2468

Error Coefficients

Standard Error: 545000
 Relative Standard Error: 6.1
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.243979	50.0	406798.0	0.243979	Y
3	STD5 460-872085/7	5.0	1.261489	50.0	389817.0	0.252298	Y
4	STD20 460-872085/8	20.0	4.629814	50.0	396841.0	0.231491	Y
5	STD50 460-872085/9	50.0	13.384849	50.0	359440.0	0.267697	Y
6	STD200 460-872085/10	200.0	45.757765	50.0	436138.0	0.228789	Y
7	STD500 460-872085/11	500.0	128.212756	50.0	447264.0	0.256426	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

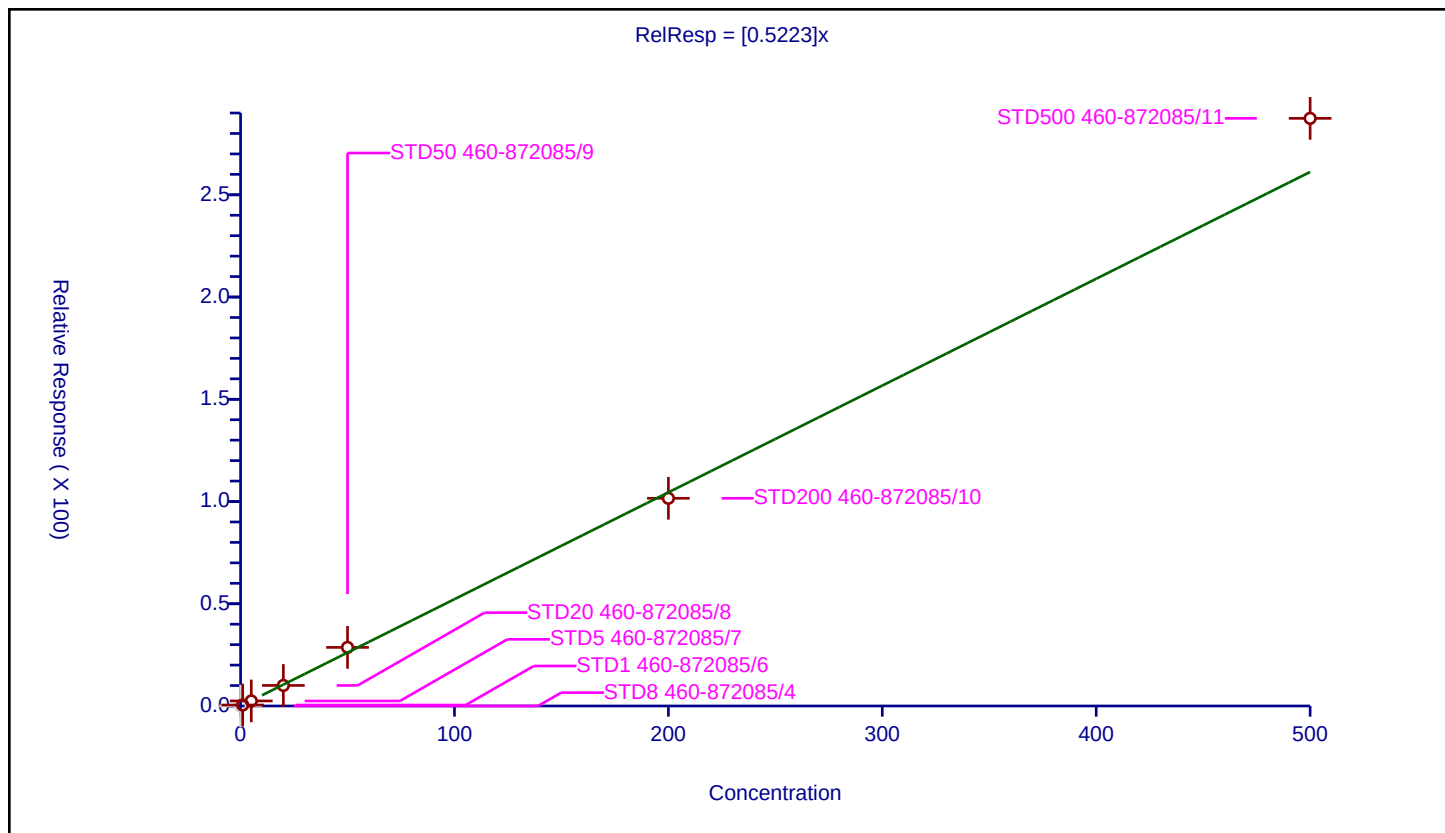
Curve Coefficients

Intercept: 0
 Slope: 0.5223

Error Coefficients

Standard Error: 1220000
 Relative Standard Error: 7.8
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.48132	50.0	406798.0	0.48132	Y
3	STD5 460-872085/7	5.0	2.471544	50.0	389817.0	0.494309	Y
4	STD20 460-872085/8	20.0	10.050373	50.0	396841.0	0.502519	Y
5	STD50 460-872085/9	50.0	28.657356	50.0	359440.0	0.573147	Y
6	STD200 460-872085/10	200.0	101.576565	50.0	436138.0	0.507883	Y
7	STD500 460-872085/11	500.0	287.387203	50.0	447264.0	0.574774	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

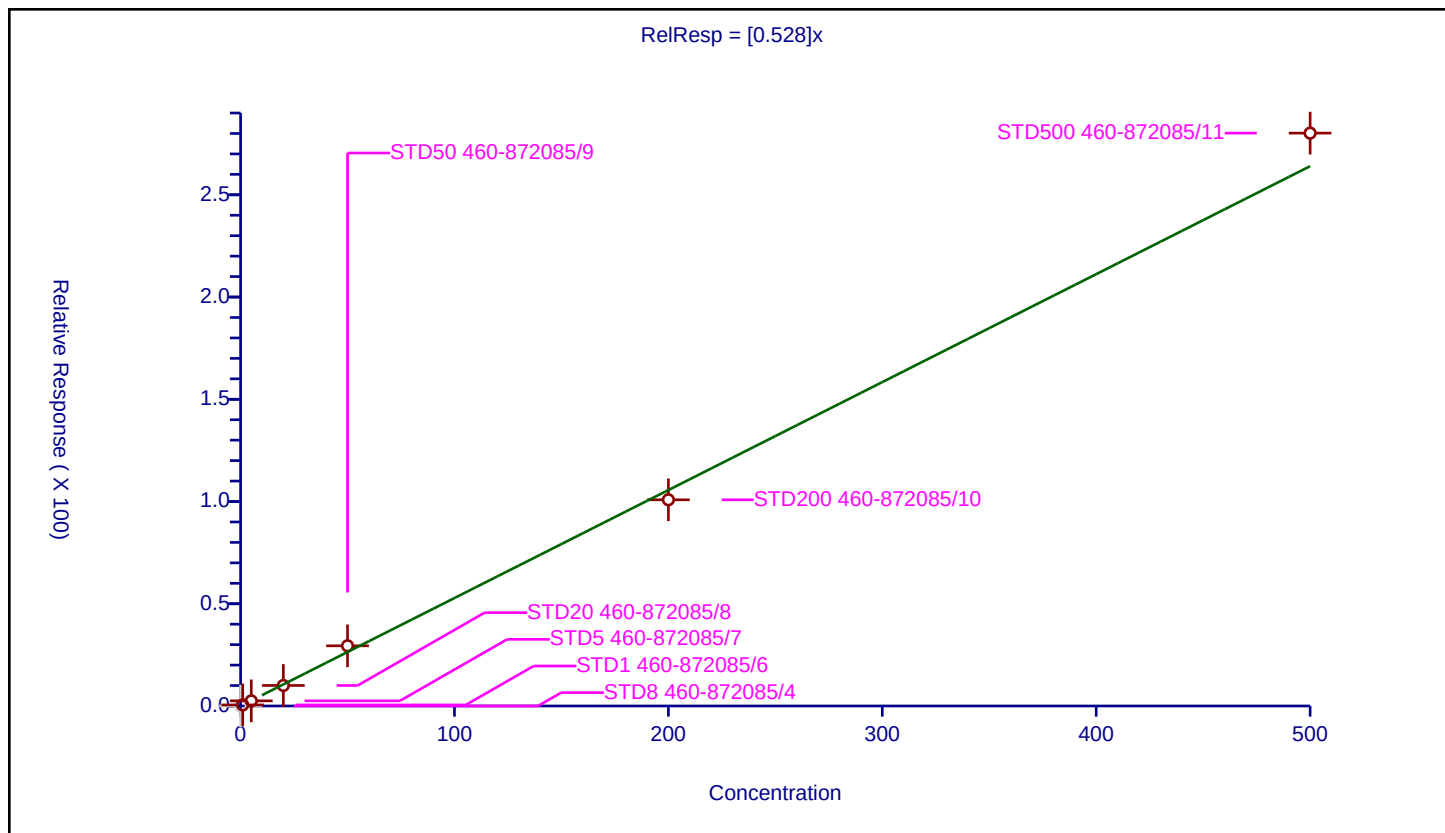
Curve Coefficients

Intercept: 0
 Slope: 0.528

Error Coefficients

Standard Error: 1190000
 Relative Standard Error: 7.0
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0	0.510573	50.0	406798.0	0.510573	Y
3	STD5 460-872085/7	5.0	2.513231	50.0	389817.0	0.502646	Y
4	STD20 460-872085/8	20.0	10.033741	50.0	396841.0	0.501687	Y
5	STD50 460-872085/9	50.0	29.423826	50.0	359440.0	0.588477	Y
6	STD200 460-872085/10	200.0	100.84526	50.0	436138.0	0.504226	Y
7	STD500 460-872085/11	500.0	280.160375	50.0	447264.0	0.560321	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

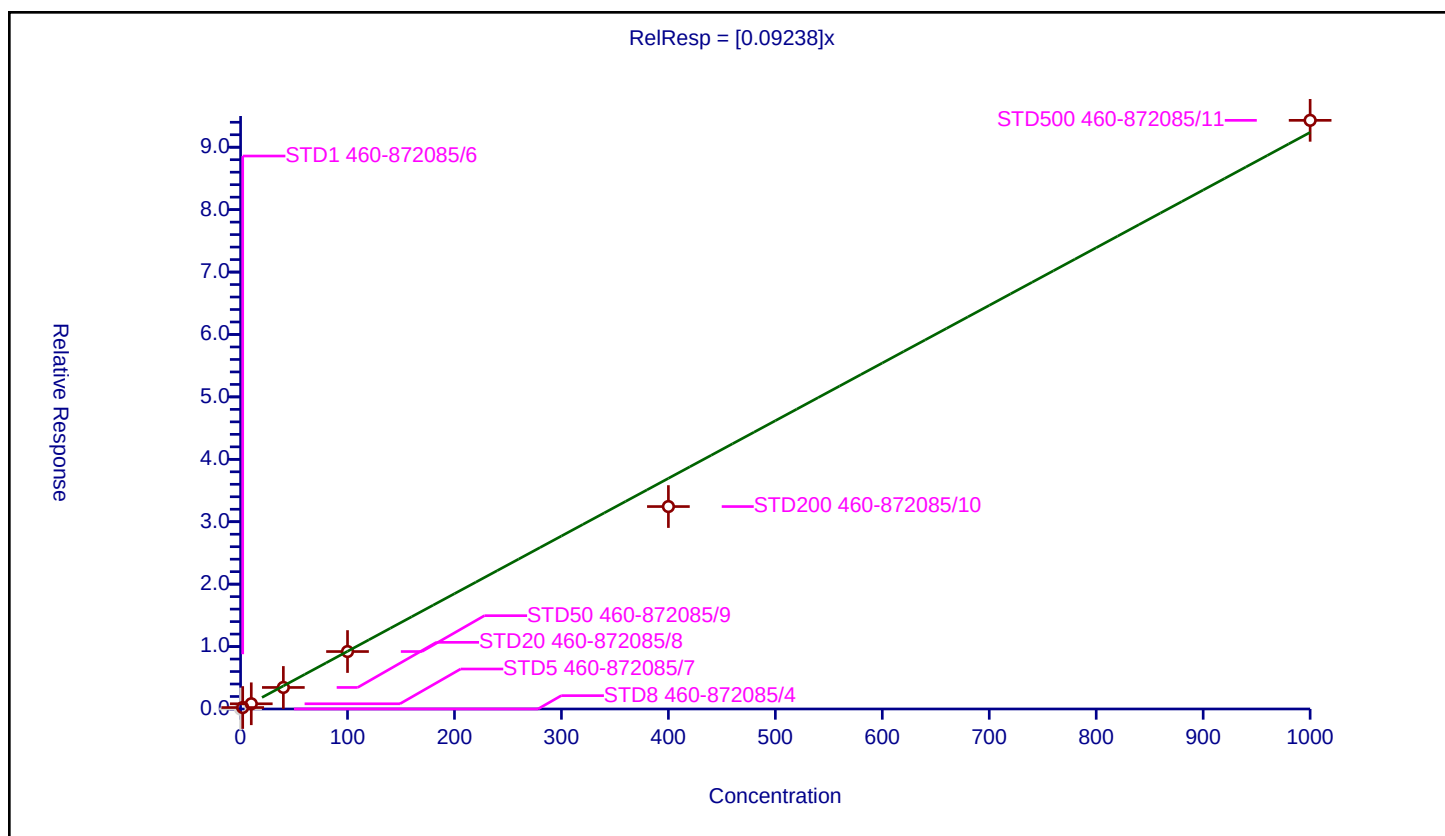
Curve Coefficients

Intercept: 0
Slope: 0.09238

Error Coefficients

Standard Error: 399000
Relative Standard Error: 14.2
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	2.0	0.234392	50.0	406798.0	0.117196	Y
3	STD5 460-872085/7	10.0	0.834366	50.0	389817.0	0.083437	Y
4	STD20 460-872085/8	40.0	3.448484	50.0	396841.0	0.086212	Y
5	STD50 460-872085/9	100.0	9.203483	50.0	359440.0	0.092035	Y
6	STD200 460-872085/10	400.0	32.431822	50.0	436138.0	0.08108	Y
7	STD500 460-872085/11	1000.0	94.306159	50.0	447264.0	0.094306	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

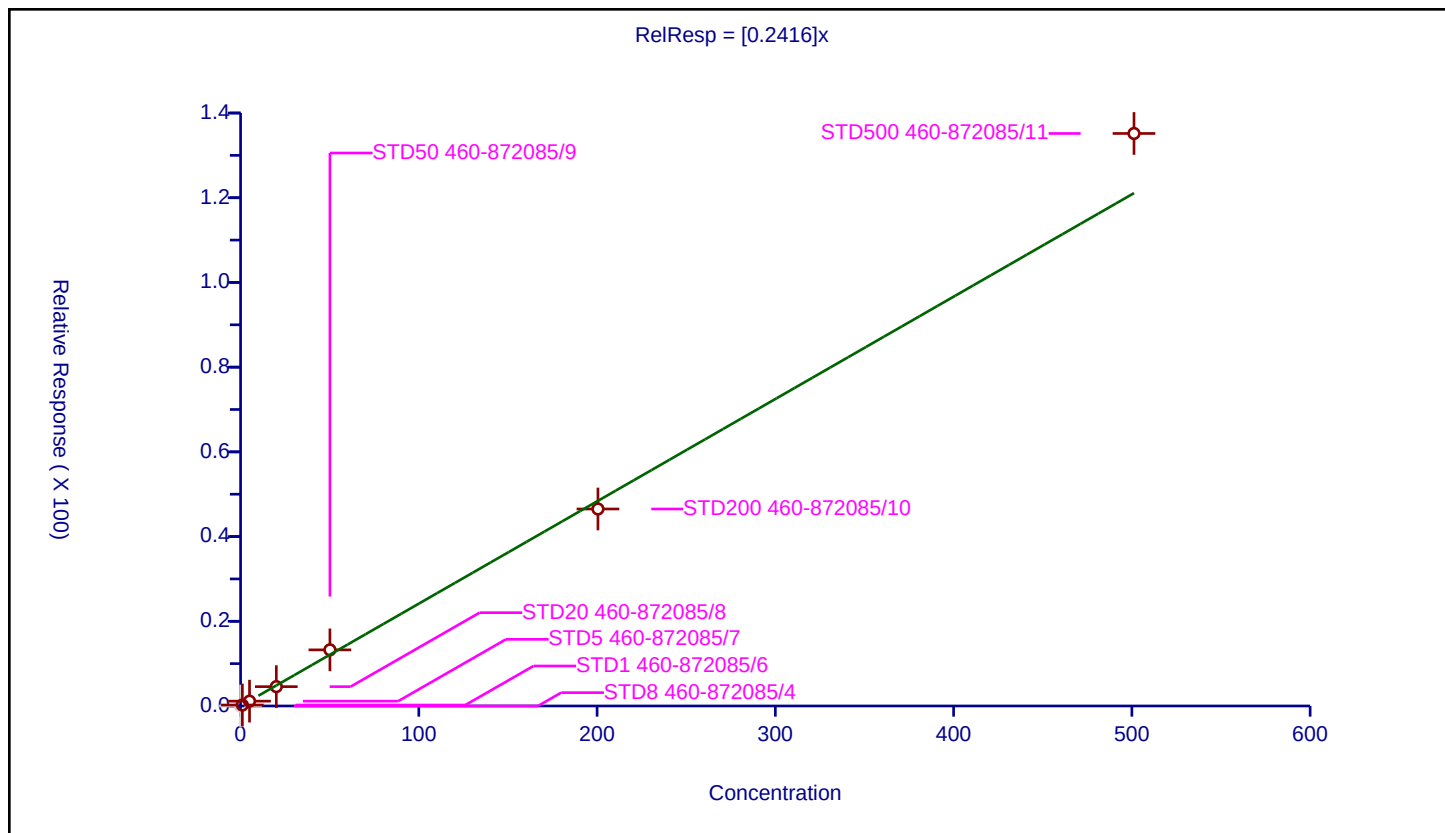
Curve Coefficients

Intercept: 0
Slope: 0.2416

Error Coefficients

Standard Error: 572000
Relative Standard Error: 8.2
Correlation Coefficient: 0.996
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	666788.0	NaN	N
2	STD1 460-872085/6	1.0024	0.228	50.0	406798.0	0.227454	Y
3	STD5 460-872085/7	5.012	1.142972	50.0	389817.0	0.228047	Y
4	STD20 460-872085/8	20.048	4.570218	50.0	396841.0	0.227964	Y
5	STD50 460-872085/9	50.12	13.251308	50.0	359440.0	0.264392	Y
6	STD200 460-872085/10	200.48	46.511196	50.0	436138.0	0.231999	Y
7	STD500 460-872085/11	501.2	135.16782	50.0	447264.0	0.269688	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

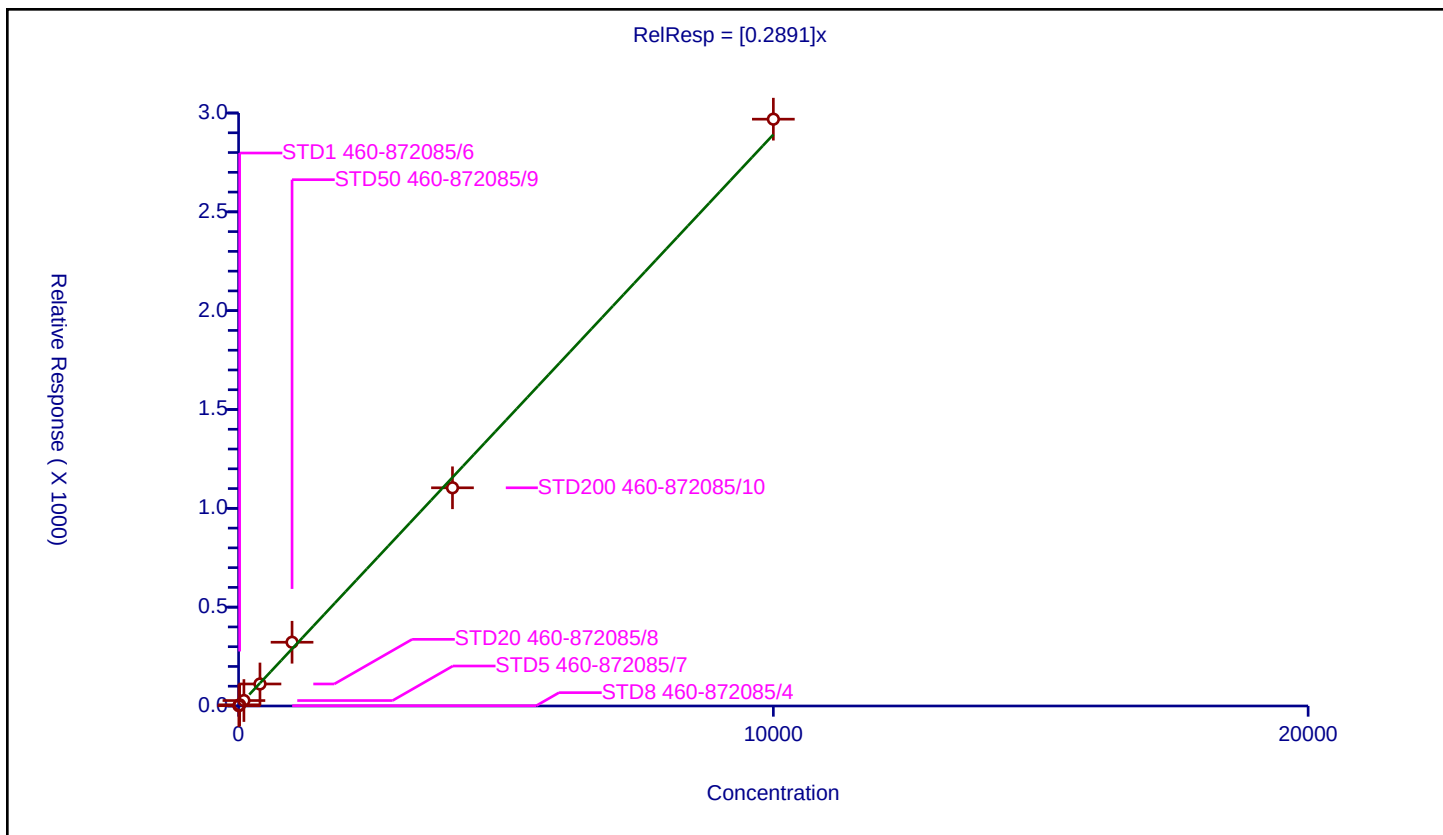
Curve Coefficients

Intercept: 0
 Slope: 0.2891

Error Coefficients

Standard Error: 1460000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	5.000009	1.356076	250.0	372398.0	0.271215	Y
2	STD1 460-872085/6	20.000035	6.063876	250.0	236771.0	0.303193	Y
3	STD5 460-872085/7	100.000173	27.543079	250.0	233988.0	0.27543	Y
4	STD20 460-872085/8	400.000692	111.408421	250.0	235164.0	0.278521	Y
5	STD50 460-872085/9	1000.00173	322.48755	250.0	209636.0	0.322487	Y
6	STD200 460-872085/10	4000.00692	1103.940695	250.0	265981.0	0.275985	Y
7	STD500 460-872085/11	10000.0173	2968.880699	250.0	283811.0	0.296888	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

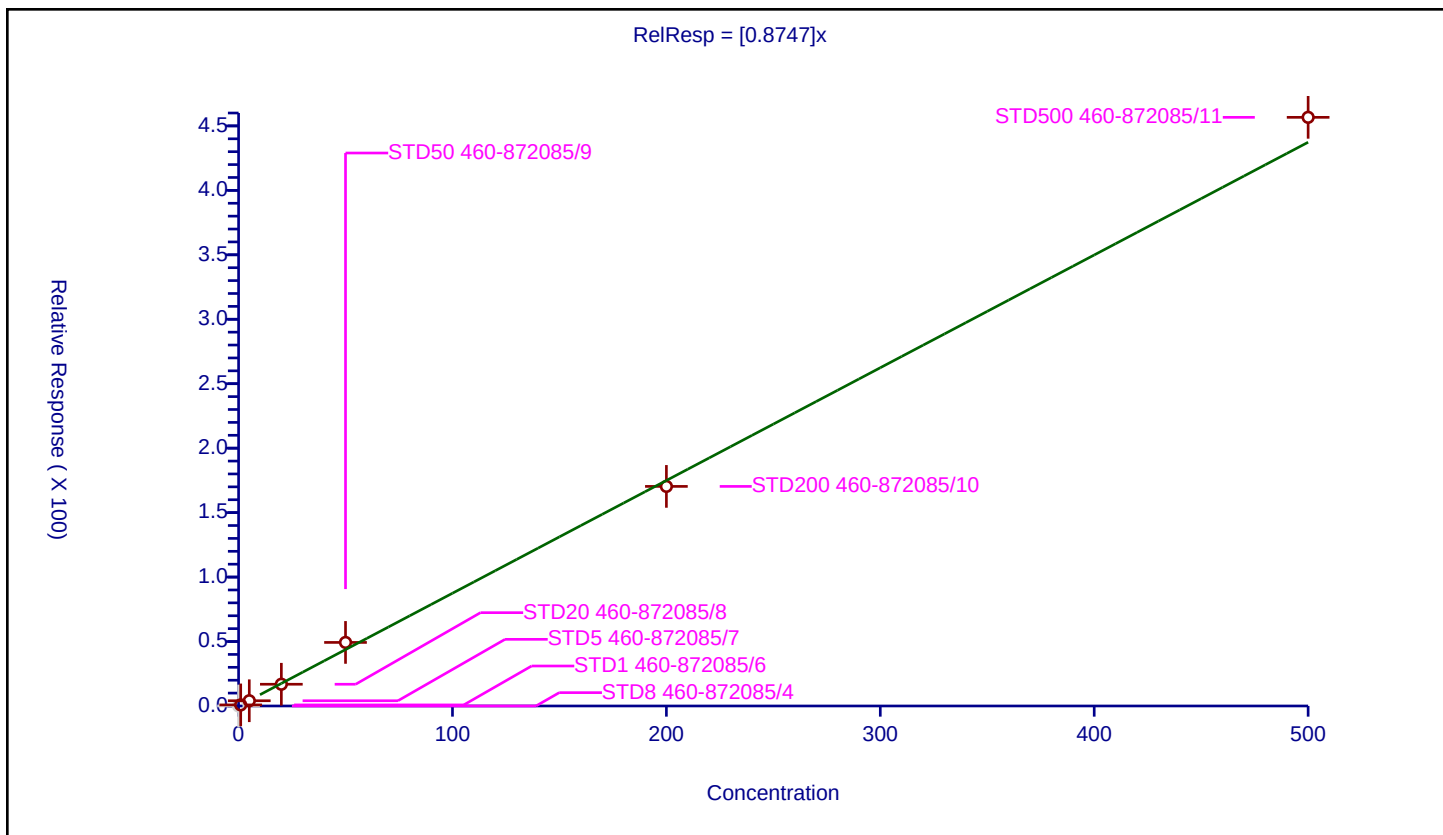
Curve Coefficients

Intercept: 0
 Slope: 0.8747

Error Coefficients

Standard Error: 1430000
 Relative Standard Error: 7.3
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.841893	50.0	270165.0	0.841893	Y
3	STD5 460-872085/7	5.0	4.057848	50.0	261789.0	0.81157	Y
4	STD20 460-872085/8	20.0	16.871533	50.0	267166.0	0.843577	Y
5	STD50 460-872085/9	50.0	49.299393	50.0	242504.0	0.985988	Y
6	STD200 460-872085/10	200.0	170.335301	50.0	299462.0	0.851677	Y
7	STD500 460-872085/11	500.0	456.647082	50.0	331213.0	0.913294	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

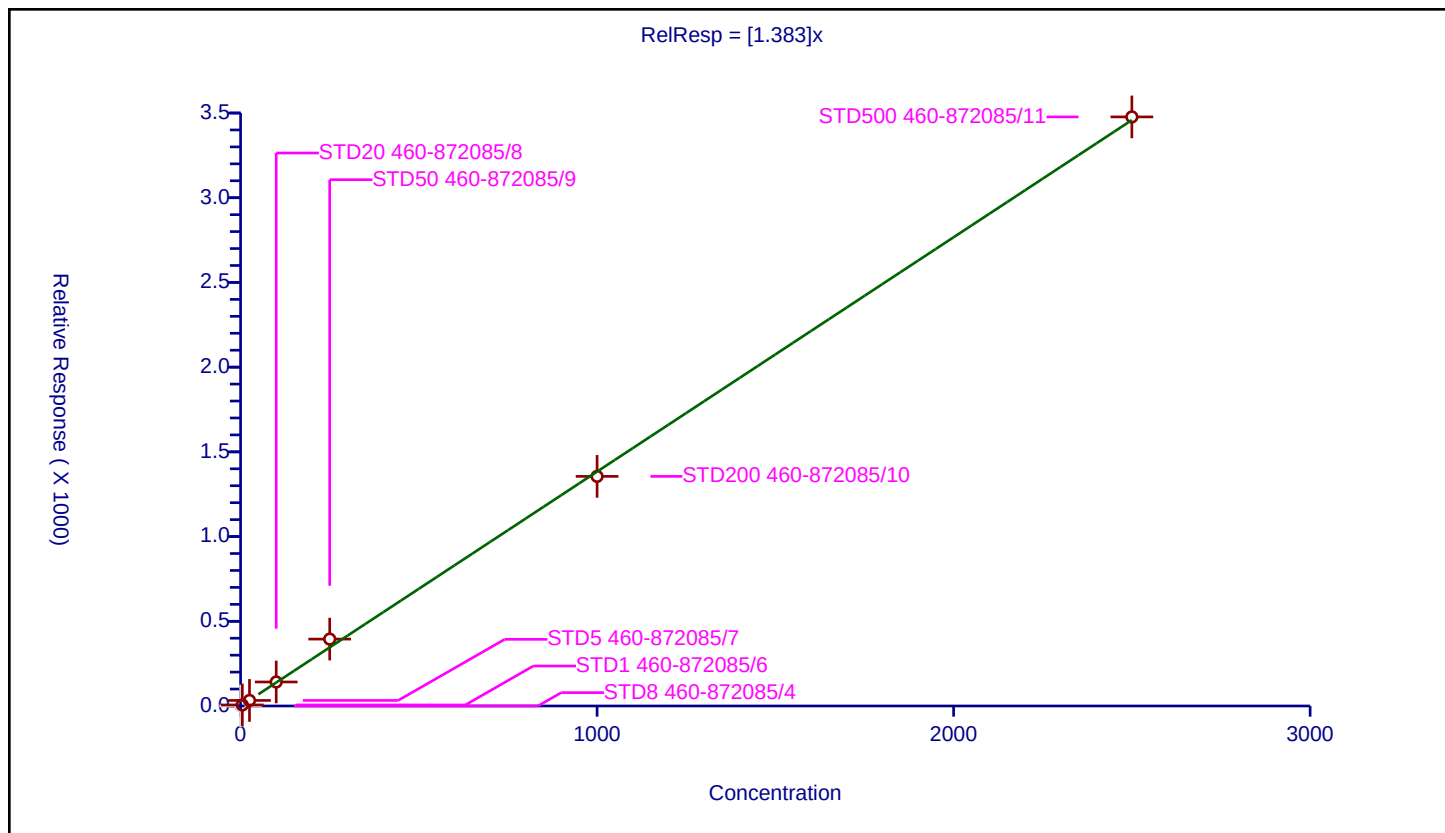
Curve Coefficients

Intercept: 0
 Slope: 1.383

Error Coefficients

Standard Error: 1880000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	5.0	6.224369	250.0	236771.0	1.244874	Y
3	STD5 460-872085/7	25.0	32.837154	250.0	233988.0	1.313486	Y
4	STD20 460-872085/8	100.0	141.664966	250.0	235164.0	1.41665	Y
5	STD50 460-872085/9	250.0	394.759249	250.0	209636.0	1.579037	Y
6	STD200 460-872085/10	1000.0	1355.210523	250.0	265981.0	1.355211	Y
7	STD500 460-872085/11	2500.0	3477.051629	250.0	283811.0	1.390821	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

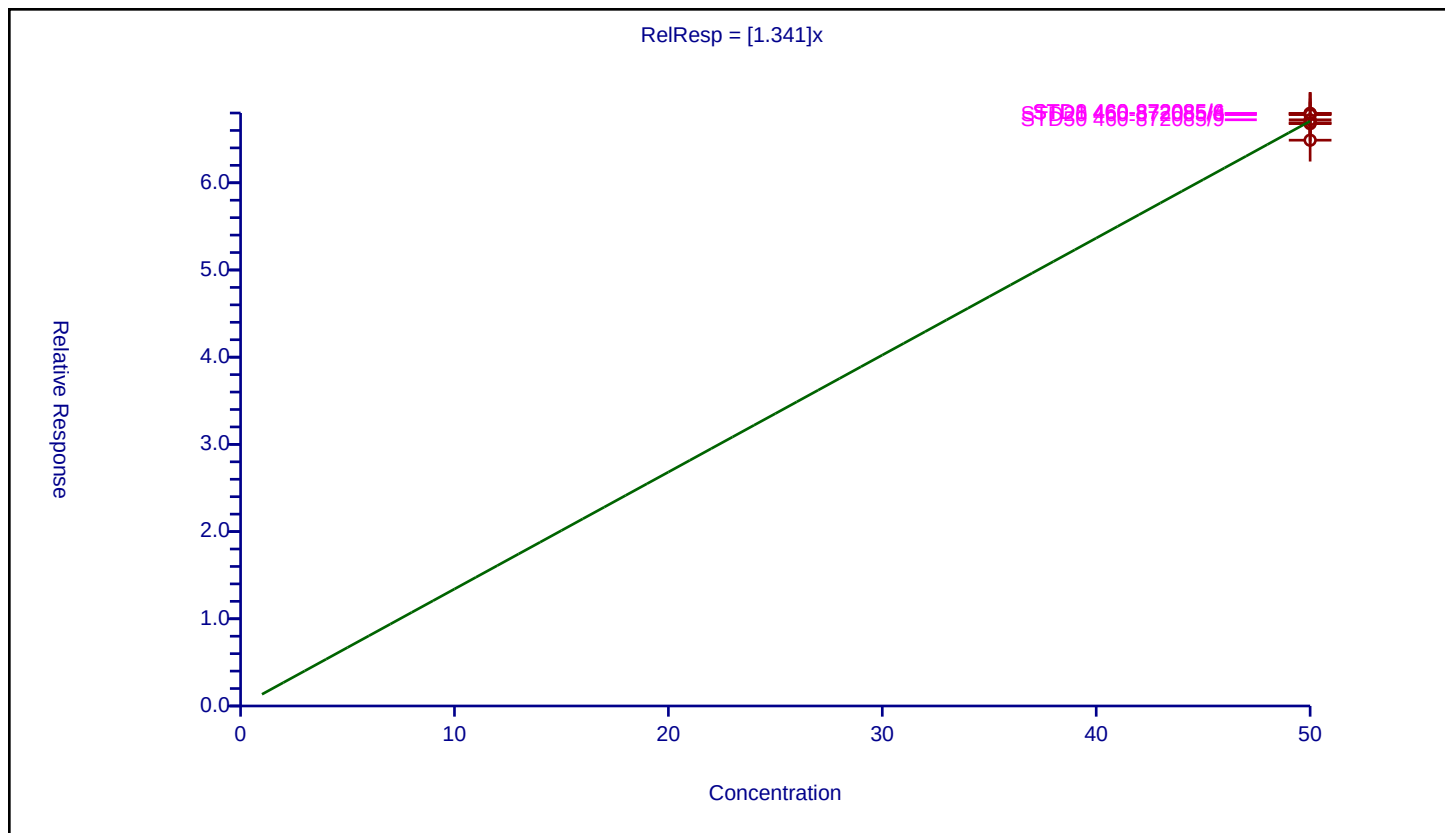
Curve Coefficients

Intercept: 0
 Slope: 1.341

Error Coefficients

Standard Error: 449000
 Relative Standard Error: 1.6
 Correlation Coefficient: 0
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	50.0	67.932815	50.0	448078.0	1.358656	Y
2	STD1 460-872085/6	50.0	67.964577	50.0	270165.0	1.359292	Y
3	STD5 460-872085/7	50.0	66.882107	50.0	261789.0	1.337642	Y
4	STD20 460-872085/8	50.0	67.812334	50.0	267166.0	1.356247	Y
5	STD50 460-872085/9	50.0	67.224252	50.0	242504.0	1.344485	Y
6	STD200 460-872085/10	50.0	66.778757	50.0	299462.0	1.335575	Y
7	STD500 460-872085/11	50.0	64.884983	50.0	331213.0	1.2977	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

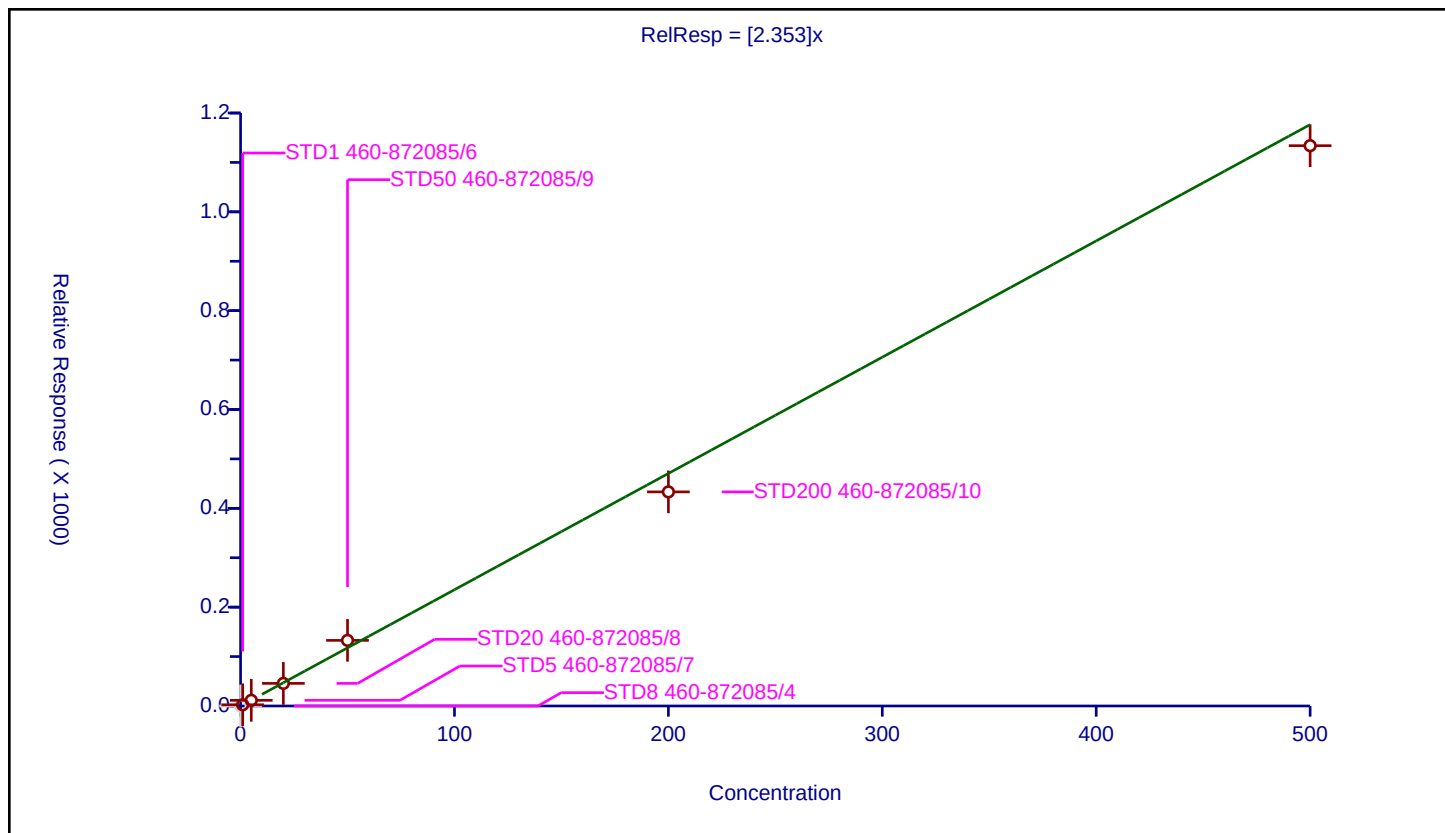
Curve Coefficients

Intercept: 0
 Slope: 2.353

Error Coefficients

Standard Error: 3570000
 Relative Standard Error: 7.4
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	2.450539	50.0	270165.0	2.450539	Y
3	STD5 460-872085/7	5.0	11.459611	50.0	261789.0	2.291922	Y
4	STD20 460-872085/8	20.0	45.728124	50.0	267166.0	2.286406	Y
5	STD50 460-872085/9	50.0	132.760078	50.0	242504.0	2.655202	Y
6	STD200 460-872085/10	200.0	433.239777	50.0	299462.0	2.166199	Y
7	STD500 460-872085/11	500.0	1133.8862	50.0	331213.0	2.267772	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

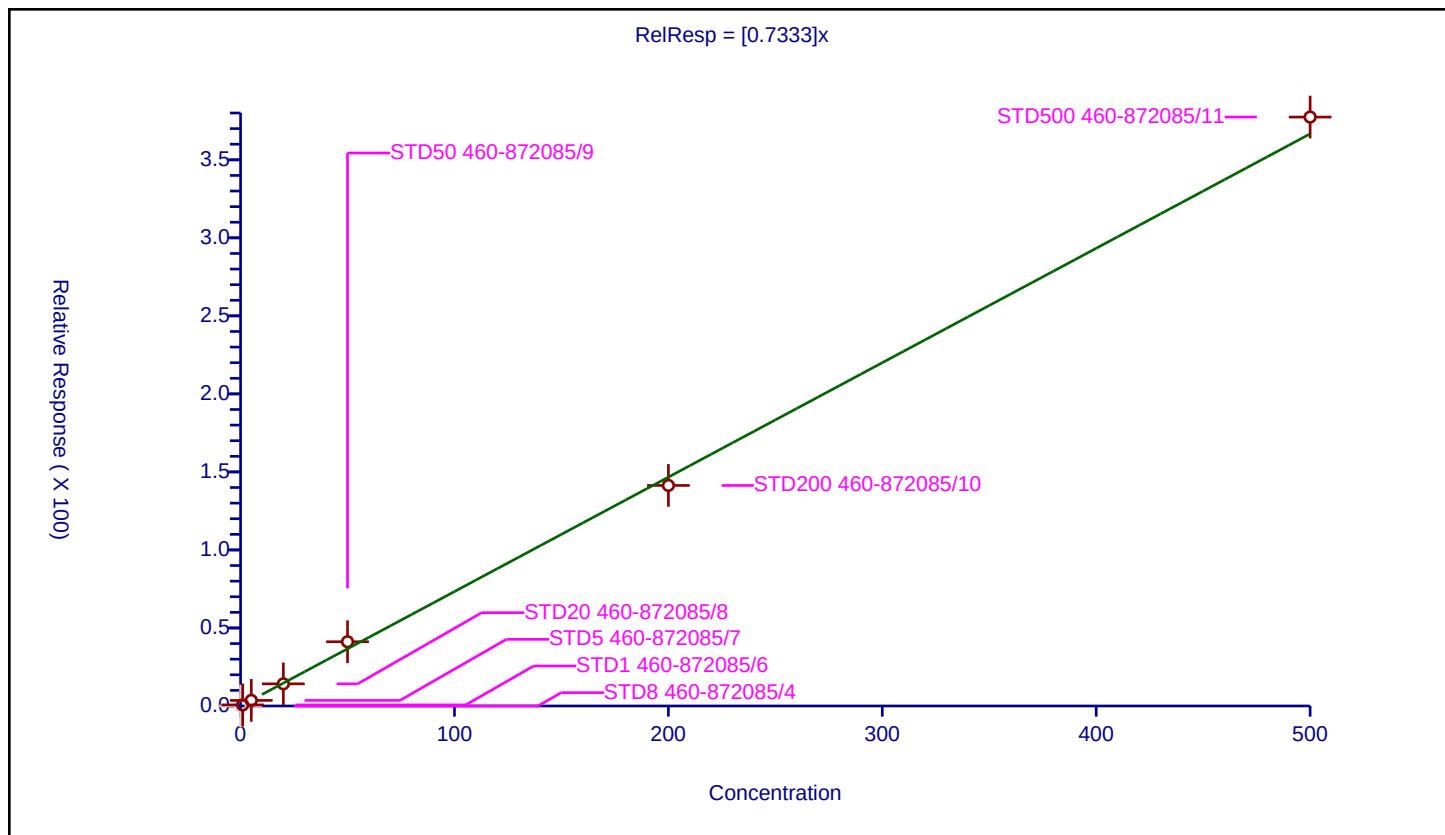
Curve Coefficients

Intercept: 0
 Slope: 0.7333

Error Coefficients

Standard Error: 1180000
 Relative Standard Error: 6.7
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.687543	50.0	270165.0	0.687543	Y
3	STD5 460-872085/7	5.0	3.587622	50.0	261789.0	0.717524	Y
4	STD20 460-872085/8	20.0	14.196979	50.0	267166.0	0.709849	Y
5	STD50 460-872085/9	50.0	41.169218	50.0	242504.0	0.823384	Y
6	STD200 460-872085/10	200.0	141.329117	50.0	299462.0	0.706646	Y
7	STD500 460-872085/11	500.0	377.398683	50.0	331213.0	0.754797	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

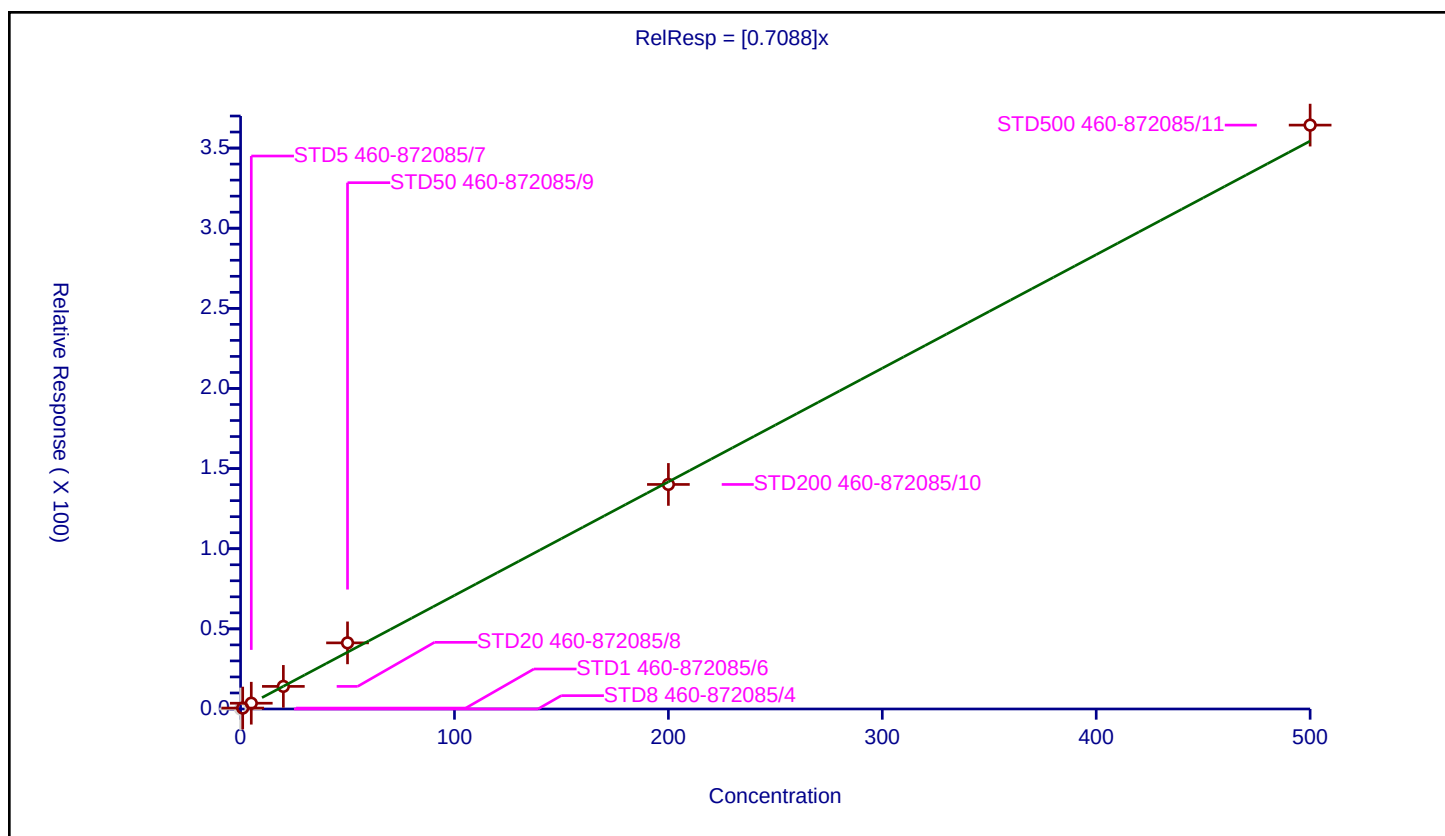
Curve Coefficients

Intercept: 0
 Slope: 0.7088

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 11.5
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.571318	50.0	270165.0	0.571318	Y
3	STD5 460-872085/7	5.0	3.607676	50.0	261789.0	0.721535	Y
4	STD20 460-872085/8	20.0	14.106024	50.0	267166.0	0.705301	Y
5	STD50 460-872085/9	50.0	41.256433	50.0	242504.0	0.825129	Y
6	STD200 460-872085/10	200.0	140.1116	50.0	299462.0	0.700558	Y
7	STD500 460-872085/11	500.0	364.330657	50.0	331213.0	0.728661	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

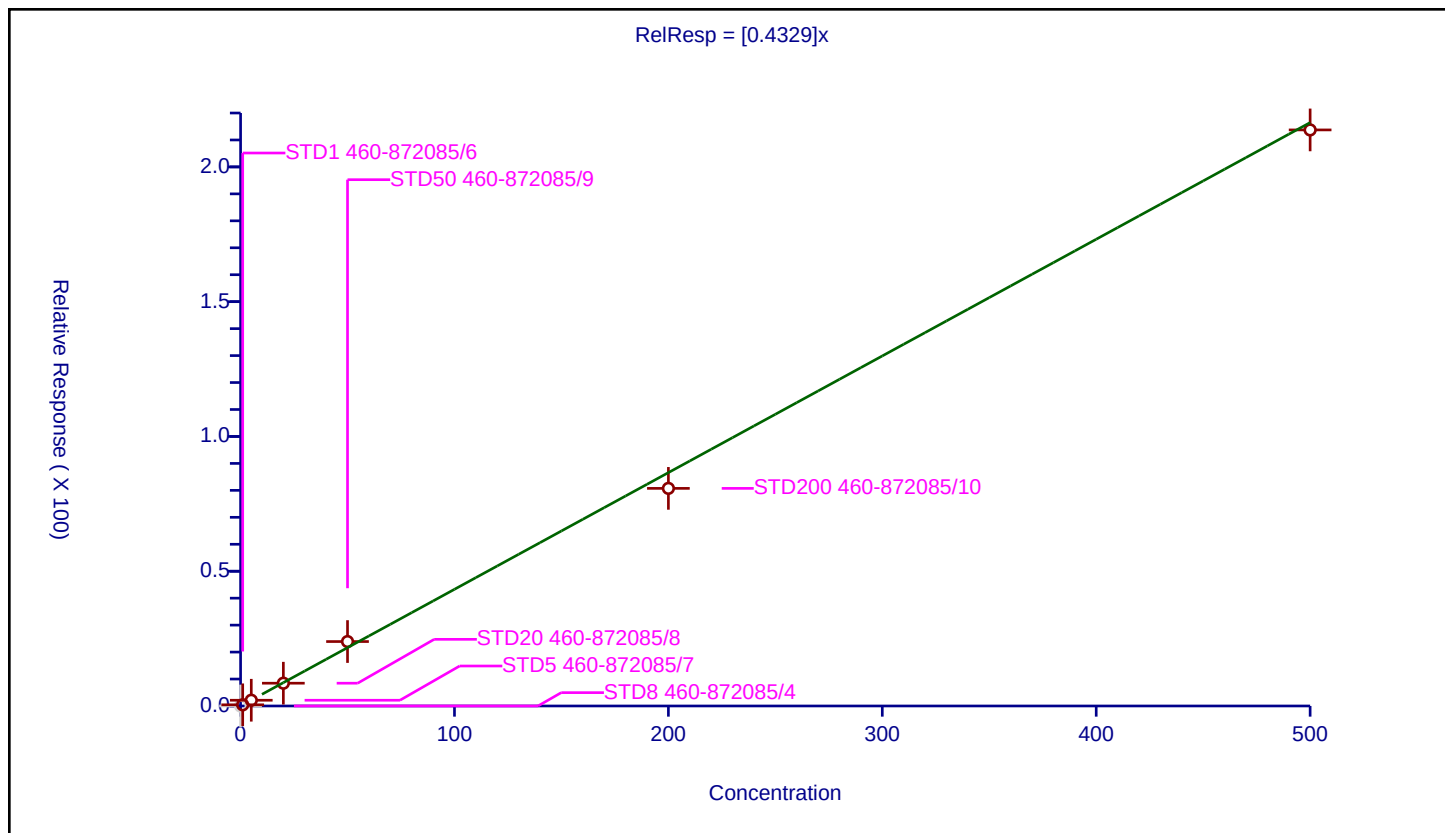
Curve Coefficients

Intercept: 0
 Slope: 0.4329

Error Coefficients

Standard Error: 671000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.438251	50.0	270165.0	0.438251	Y
3	STD5 460-872085/7	5.0	2.136071	50.0	261789.0	0.427214	Y
4	STD20 460-872085/8	20.0	8.453733	50.0	267166.0	0.422687	Y
5	STD50 460-872085/9	50.0	23.904554	50.0	242504.0	0.478091	Y
6	STD200 460-872085/10	200.0	80.738959	50.0	299462.0	0.403695	Y
7	STD500 460-872085/11	500.0	213.726363	50.0	331213.0	0.427453	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

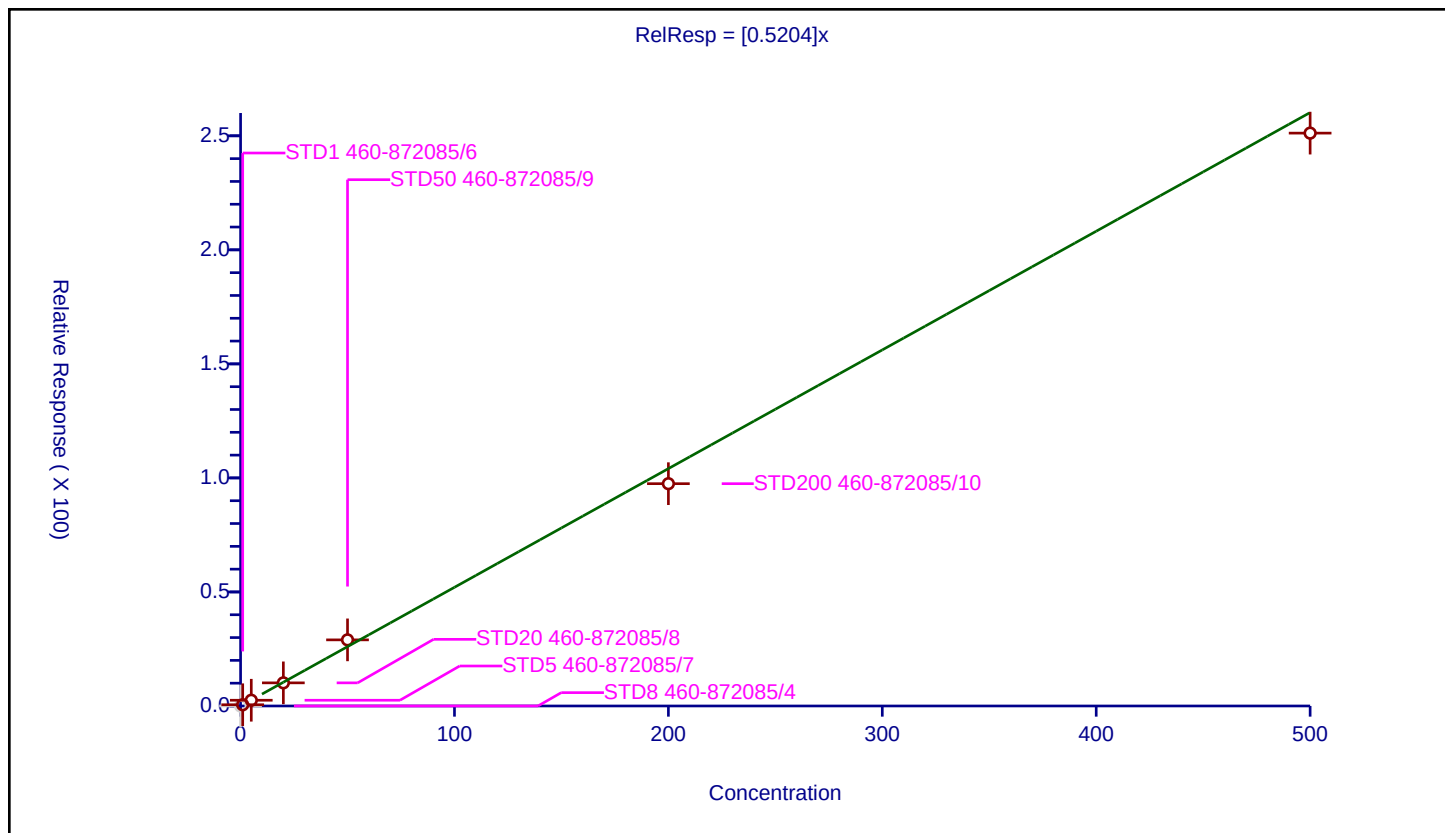
Curve Coefficients

Intercept: 0
 Slope: 0.5204

Error Coefficients

Standard Error: 791000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.541891	50.0	270165.0	0.541891	Y
3	STD5 460-872085/7	5.0	2.517676	50.0	261789.0	0.503535	Y
4	STD20 460-872085/8	20.0	10.148372	50.0	267166.0	0.507419	Y
5	STD50 460-872085/9	50.0	28.996429	50.0	242504.0	0.579929	Y
6	STD200 460-872085/10	200.0	97.470297	50.0	299462.0	0.487351	Y
7	STD500 460-872085/11	500.0	251.179452	50.0	331213.0	0.502359	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

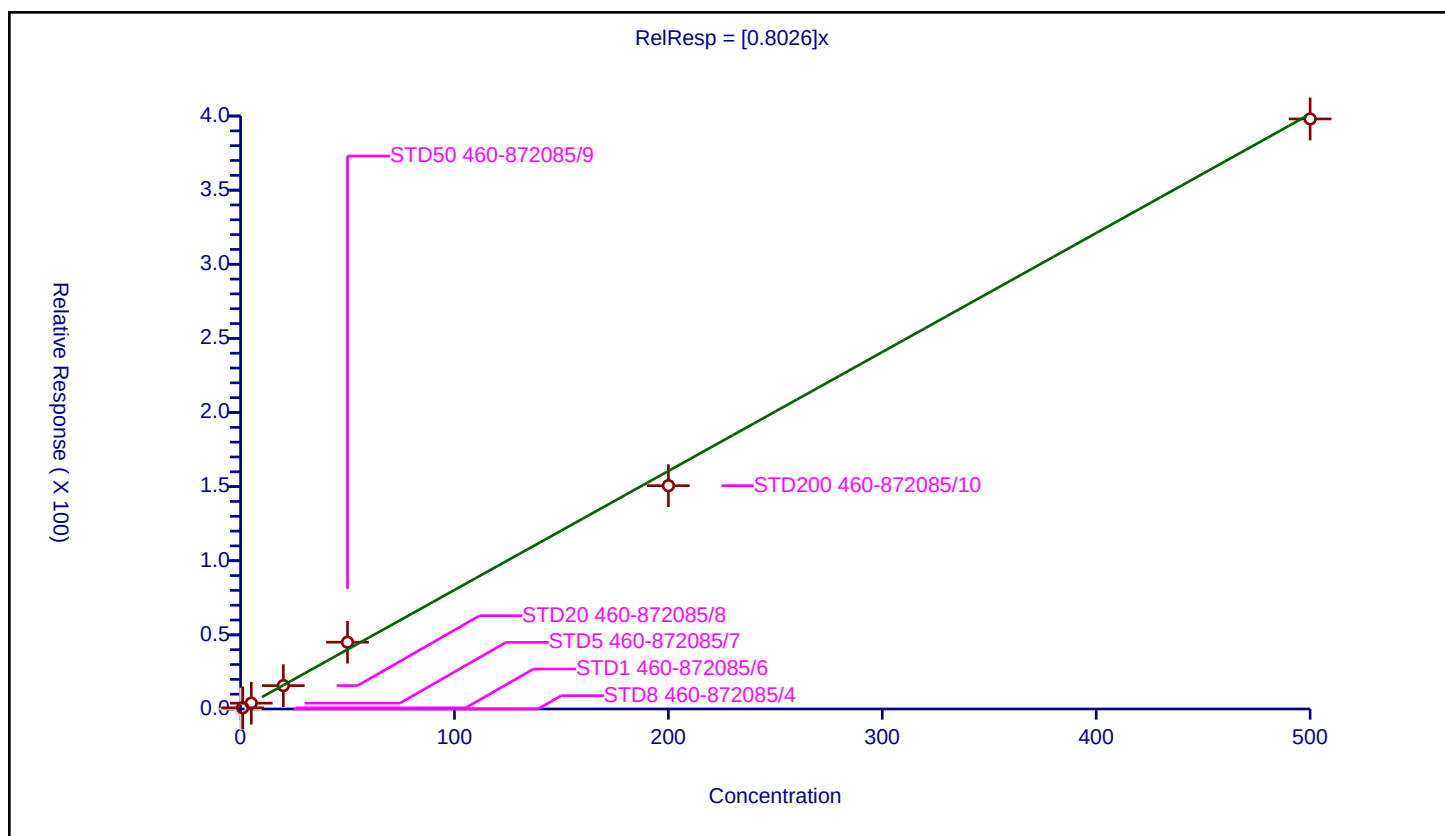
Curve Coefficients

Intercept: 0
 Slope: 0.8026

Error Coefficients

Standard Error: 1250000
 Relative Standard Error: 6.3
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.789332	50.0	270165.0	0.789332	Y
3	STD5 460-872085/7	5.0	3.938095	50.0	261789.0	0.787619	Y
4	STD20 460-872085/8	20.0	15.770532	50.0	267166.0	0.788527	Y
5	STD50 460-872085/9	50.0	45.057607	50.0	242504.0	0.901152	Y
6	STD200 460-872085/10	200.0	150.638979	50.0	299462.0	0.753195	Y
7	STD500 460-872085/11	500.0	398.021515	50.0	331213.0	0.796043	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

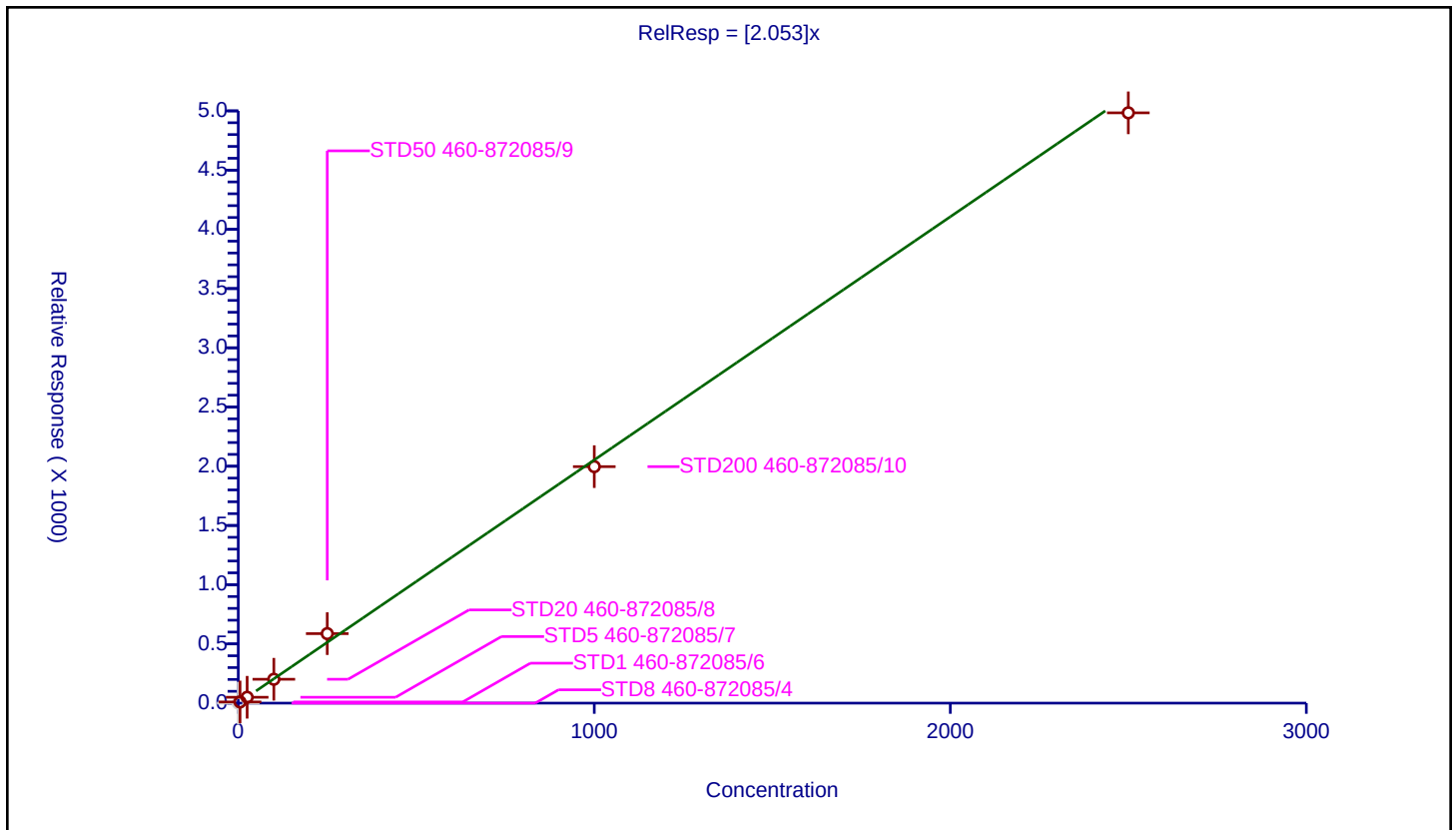
Curve Coefficients

Intercept: 0
 Slope: 2.053

Error Coefficients

Standard Error: 2710000
 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	STD8 460-872085/4	0.0	0.0	250.0	372398.0	NaN	N
2	STD1 460-872085/6	5.0	9.914643	250.0	236771.0	1.982929	Y
3	STD5 460-872085/7	25.0	49.614724	250.0	233988.0	1.984589	Y
4	STD20 460-872085/8	100.0	201.470038	250.0	235164.0	2.0147	Y
5	STD50 460-872085/9	250.0	586.666889	250.0	209636.0	2.346668	Y
6	STD200 460-872085/10	1000.0	1996.581523	250.0	265981.0	1.996582	Y
7	STD500 460-872085/11	2500.0	4983.633474	250.0	283811.0	1.993453	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

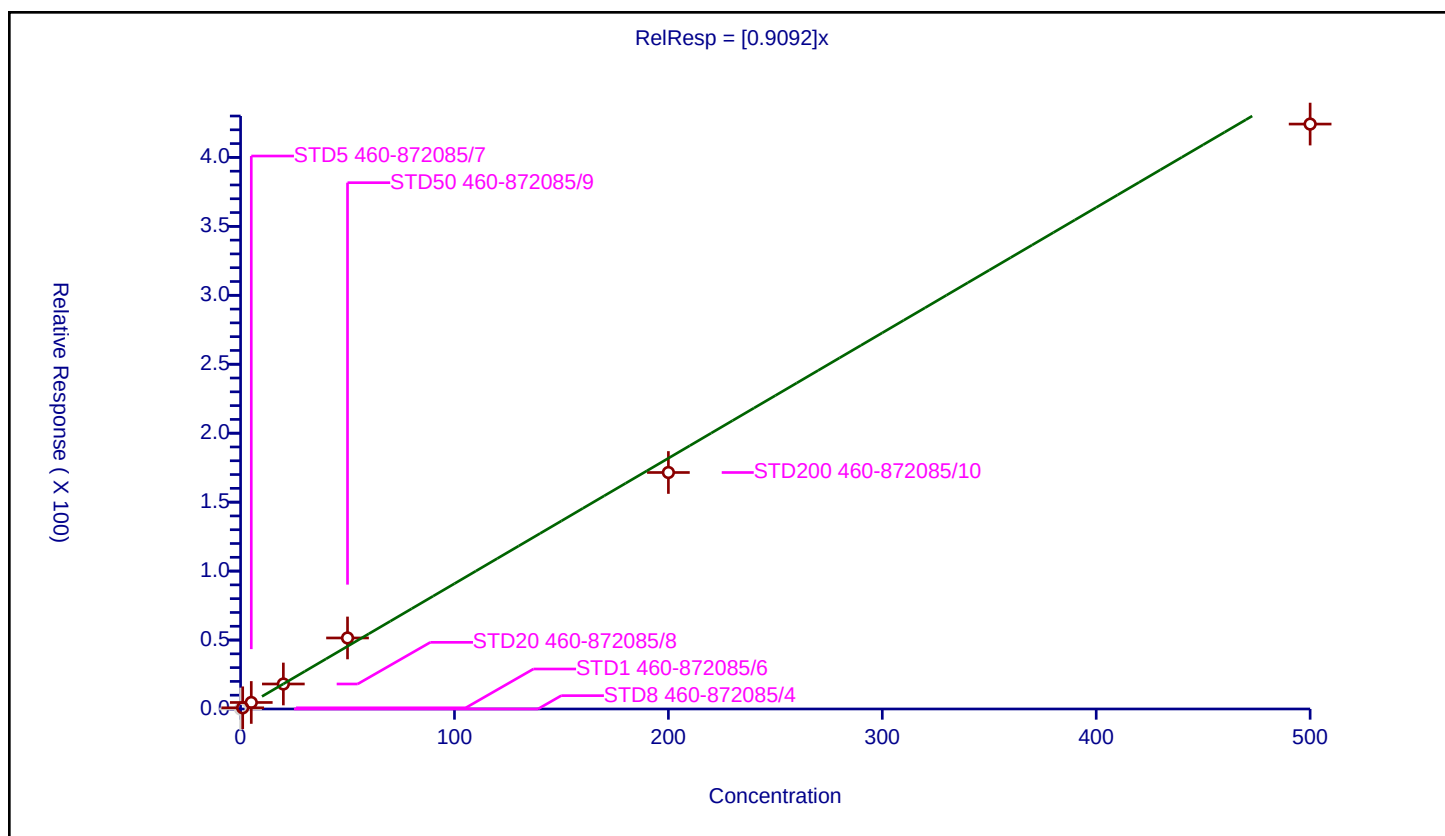
Curve Coefficients

Intercept: 0
 Slope: 0.9092

Error Coefficients

Standard Error: 1340000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.868913	50.0	270165.0	0.868913	Y
3	STD5 460-872085/7	5.0	4.720214	50.0	261789.0	0.944043	Y
4	STD20 460-872085/8	20.0	18.128055	50.0	267166.0	0.906403	Y
5	STD50 460-872085/9	50.0	51.509253	50.0	242504.0	1.030185	Y
6	STD200 460-872085/10	200.0	171.498721	50.0	299462.0	0.857494	Y
7	STD500 460-872085/11	500.0	424.165265	50.0	331213.0	0.848331	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

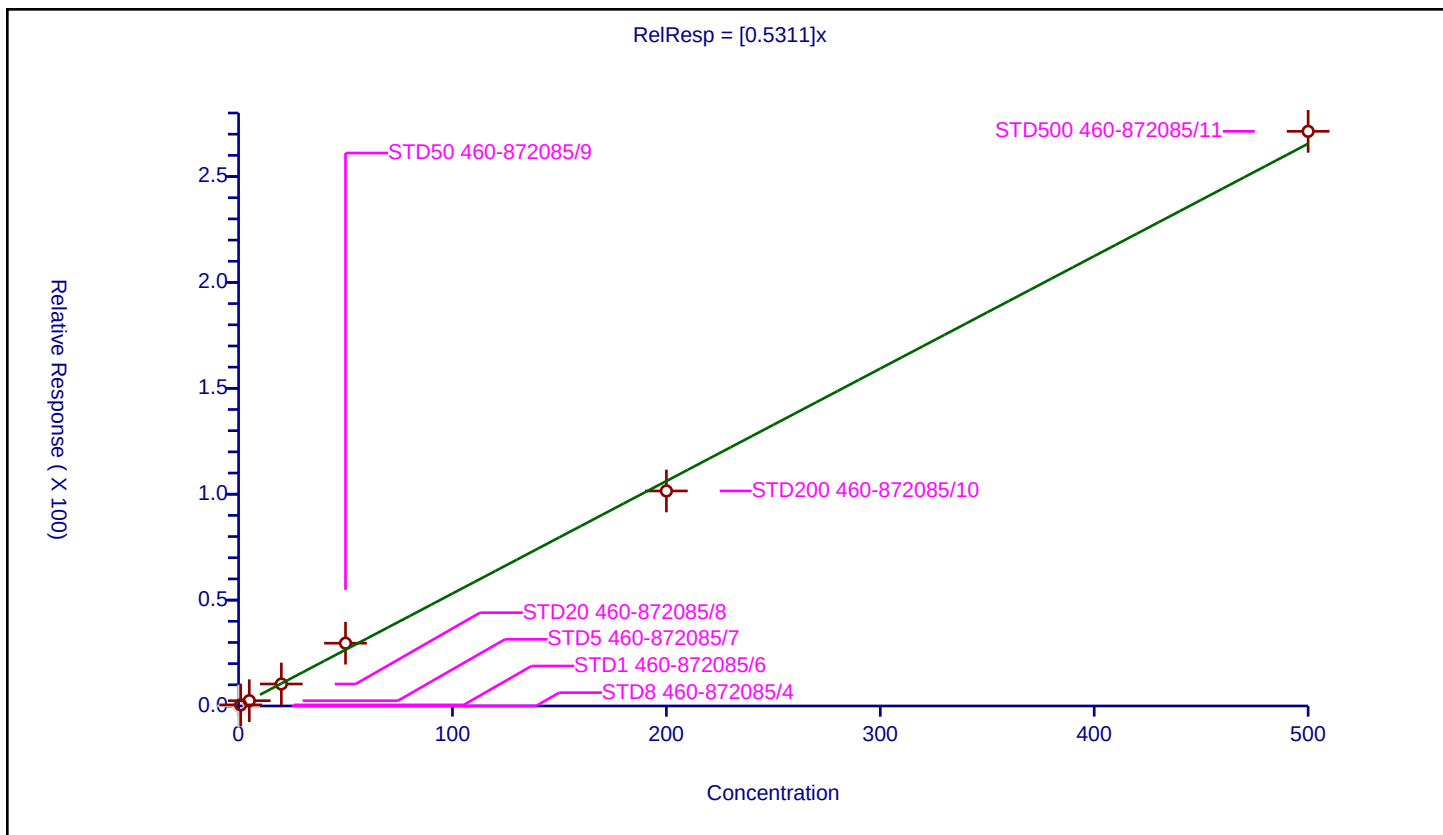
Curve Coefficients

Intercept: 0
 Slope: 0.5311

Error Coefficients

Standard Error: 851000
 Relative Standard Error: 6.3
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.523199	50.0	270165.0	0.523199	Y
3	STD5 460-872085/7	5.0	2.505262	50.0	261789.0	0.501052	Y
4	STD20 460-872085/8	20.0	10.376695	50.0	267166.0	0.518835	Y
5	STD50 460-872085/9	50.0	29.644459	50.0	242504.0	0.592889	Y
6	STD200 460-872085/10	200.0	101.537591	50.0	299462.0	0.507688	Y
7	STD500 460-872085/11	500.0	271.347743	50.0	331213.0	0.542695	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

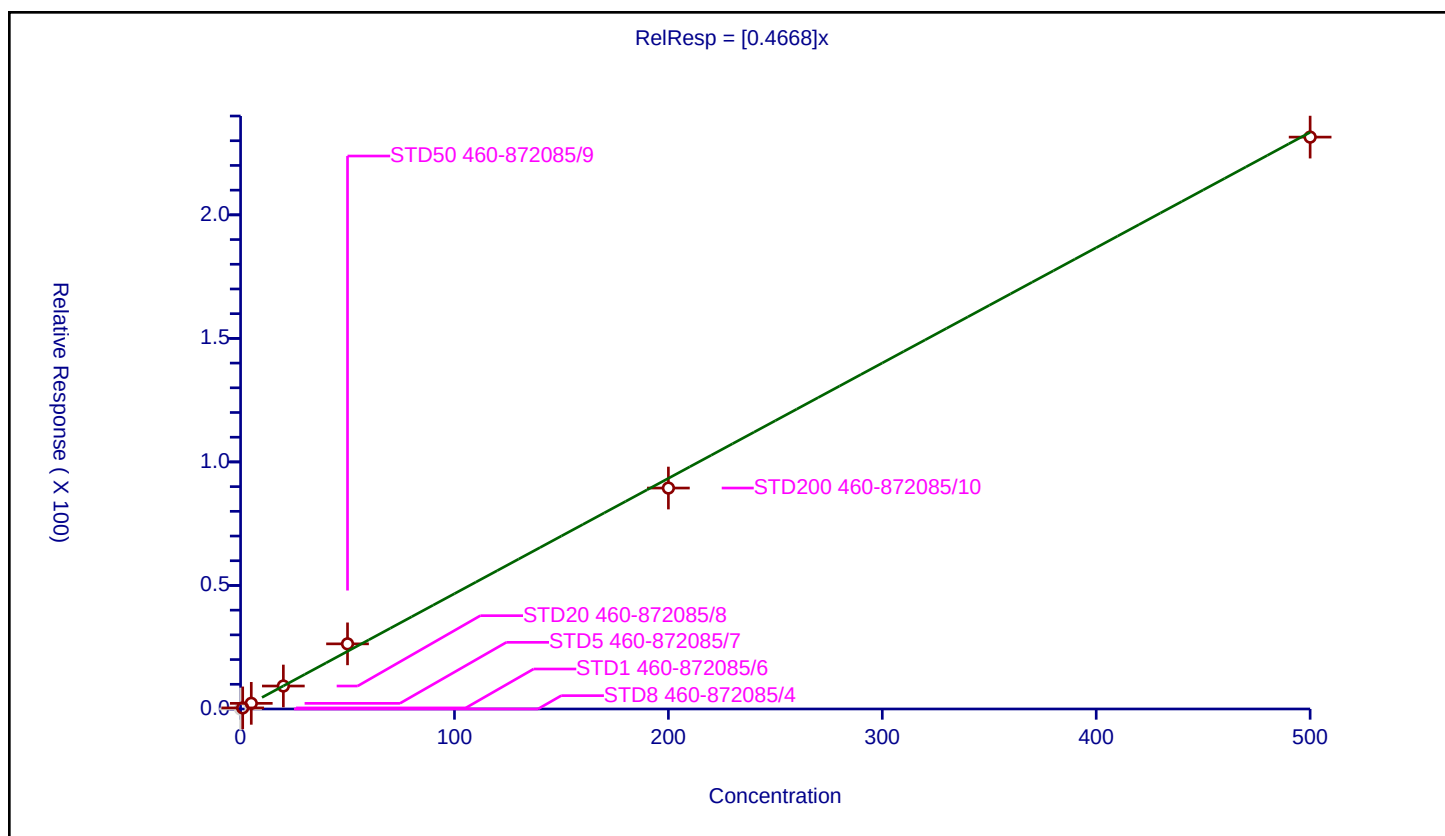
Curve Coefficients

Intercept: 0
 Slope: 0.4668

Error Coefficients

Standard Error: 729000
 Relative Standard Error: 6.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.441767	50.0	270165.0	0.441767	Y
3	STD5 460-872085/7	5.0	2.284091	50.0	261789.0	0.456818	Y
4	STD20 460-872085/8	20.0	9.297029	50.0	267166.0	0.464851	Y
5	STD50 460-872085/9	50.0	26.365132	50.0	242504.0	0.527303	Y
6	STD200 460-872085/10	200.0	89.422364	50.0	299462.0	0.447112	Y
7	STD500 460-872085/11	500.0	231.462835	50.0	331213.0	0.462926	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

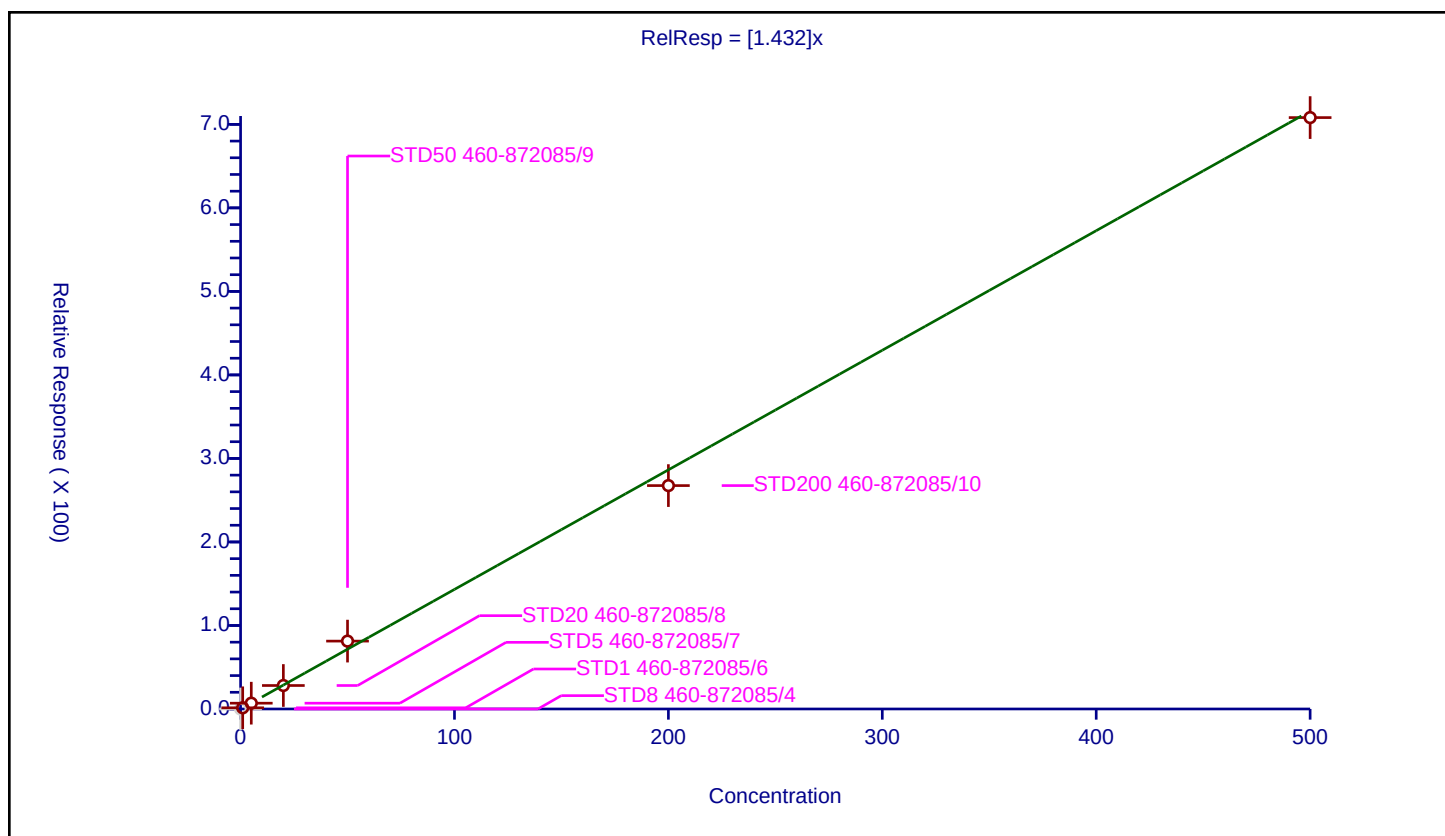
Curve Coefficients

Intercept: 0
 Slope: 1.432

Error Coefficients

Standard Error: 2220000
 Relative Standard Error: 6.9
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	1.417282	50.0	270165.0	1.417282	Y
3	STD5 460-872085/7	5.0	6.941468	50.0	261789.0	1.388294	Y
4	STD20 460-872085/8	20.0	28.117163	50.0	267166.0	1.405858	Y
5	STD50 460-872085/9	50.0	81.264227	50.0	242504.0	1.625285	Y
6	STD200 460-872085/10	200.0	267.475339	50.0	299462.0	1.337377	Y
7	STD500 460-872085/11	500.0	708.121058	50.0	331213.0	1.416242	Y



Calibration

/ Ethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

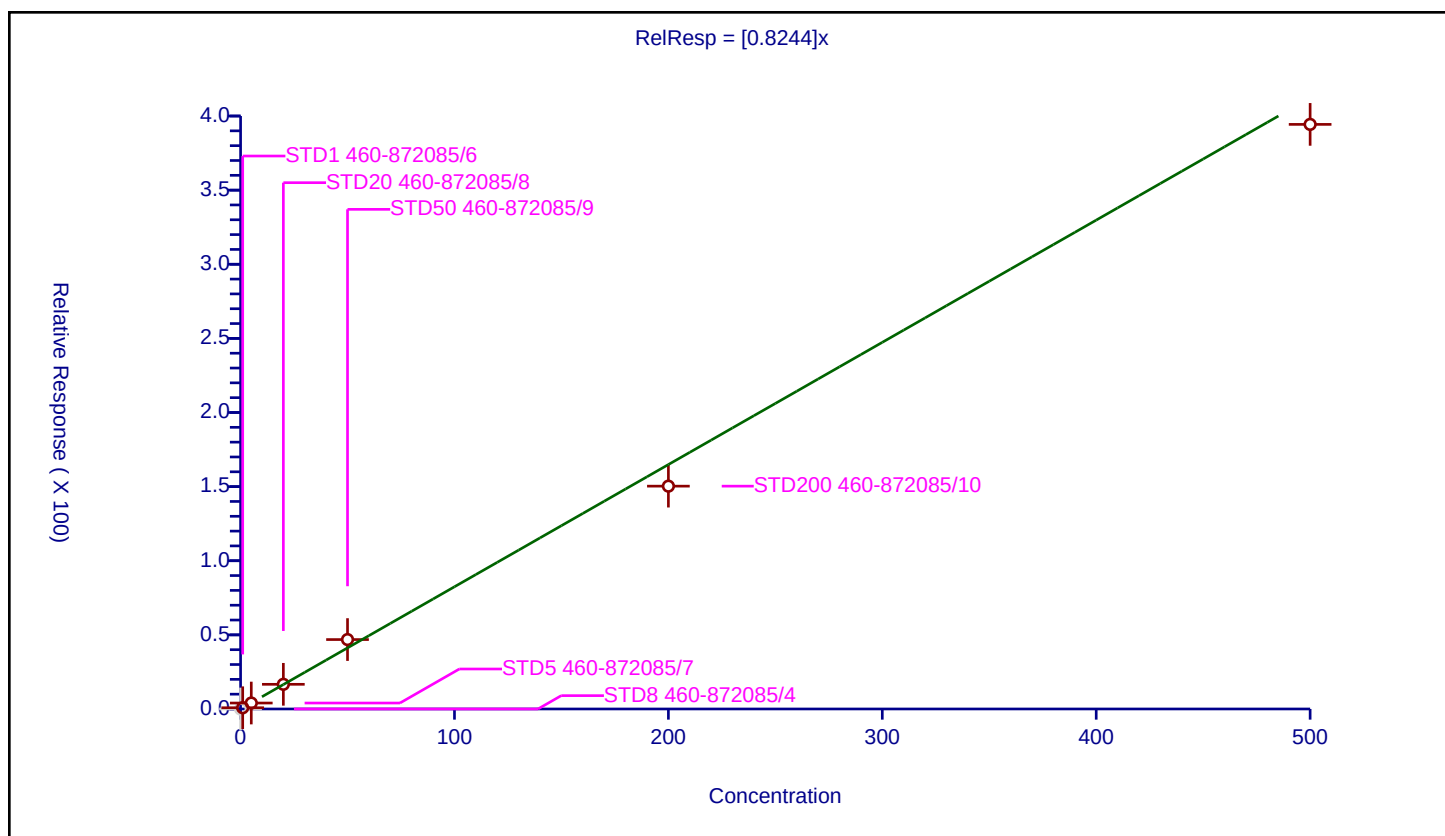
Curve Coefficients

Intercept: 0
 Slope: 0.8244

Error Coefficients

Standard Error: 1240000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.83523	50.0	270165.0	0.83523	Y
3	STD5 460-872085/7	5.0	4.011819	50.0	261789.0	0.802364	Y
4	STD20 460-872085/8	20.0	16.639842	50.0	267166.0	0.831992	Y
5	STD50 460-872085/9	50.0	46.832217	50.0	242504.0	0.936644	Y
6	STD200 460-872085/10	200.0	150.317403	50.0	299462.0	0.751587	Y
7	STD500 460-872085/11	500.0	394.351369	50.0	331213.0	0.788703	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

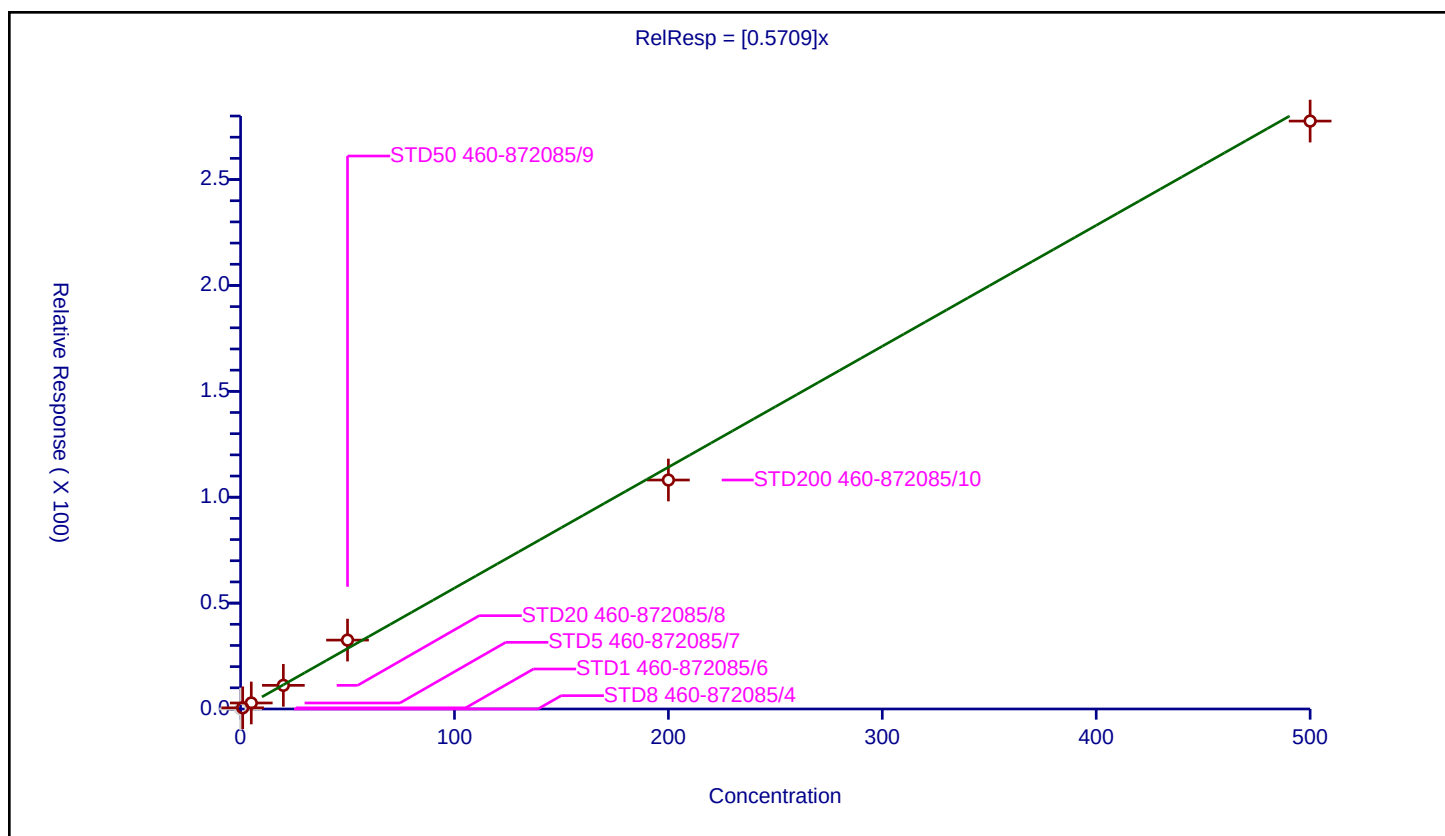
Curve Coefficients

Intercept: 0
Slope: 0.5709

Error Coefficients

Standard Error: 875000
Relative Standard Error: 7.0
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.553366	50.0	270165.0	0.553366	Y
3	STD5 460-872085/7	5.0	2.836445	50.0	261789.0	0.567289	Y
4	STD20 460-872085/8	20.0	11.168524	50.0	267166.0	0.558426	Y
5	STD50 460-872085/9	50.0	32.535752	50.0	242504.0	0.650715	Y
6	STD200 460-872085/10	200.0	108.124403	50.0	299462.0	0.540622	Y
7	STD500 460-872085/11	500.0	277.608216	50.0	331213.0	0.555216	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

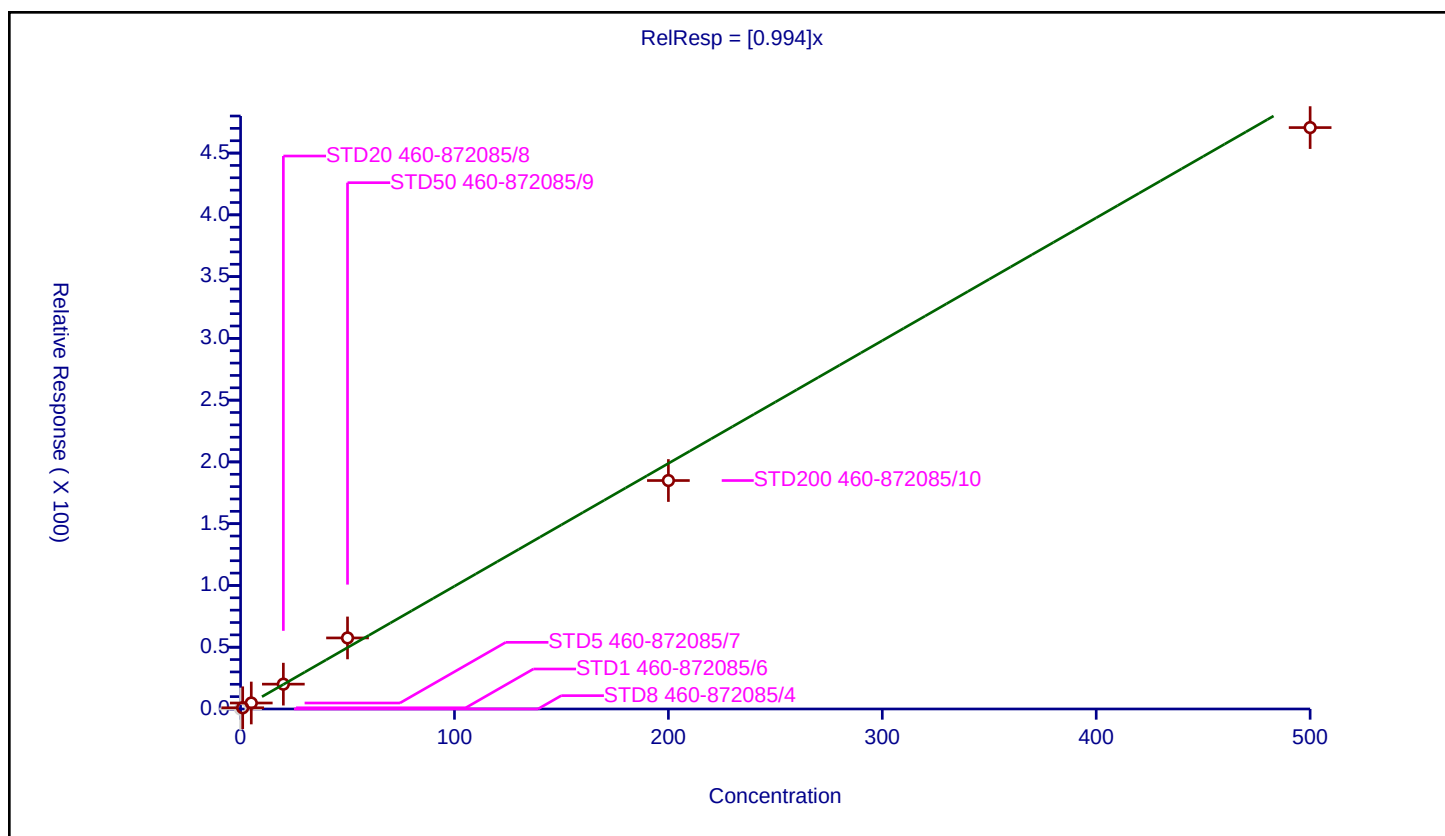
Curve Coefficients

Intercept: 0
Slope: 0.994

Error Coefficients

Standard Error: 1490000
Relative Standard Error: 8.2
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.974219	50.0	270165.0	0.974219	Y
3	STD5 460-872085/7	5.0	4.840158	50.0	261789.0	0.968032	Y
4	STD20 460-872085/8	20.0	20.103045	50.0	267166.0	1.005152	Y
5	STD50 460-872085/9	50.0	57.51967	50.0	242504.0	1.150393	Y
6	STD200 460-872085/10	200.0	184.935317	50.0	299462.0	0.924677	Y
7	STD500 460-872085/11	500.0	470.629021	50.0	331213.0	0.941258	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

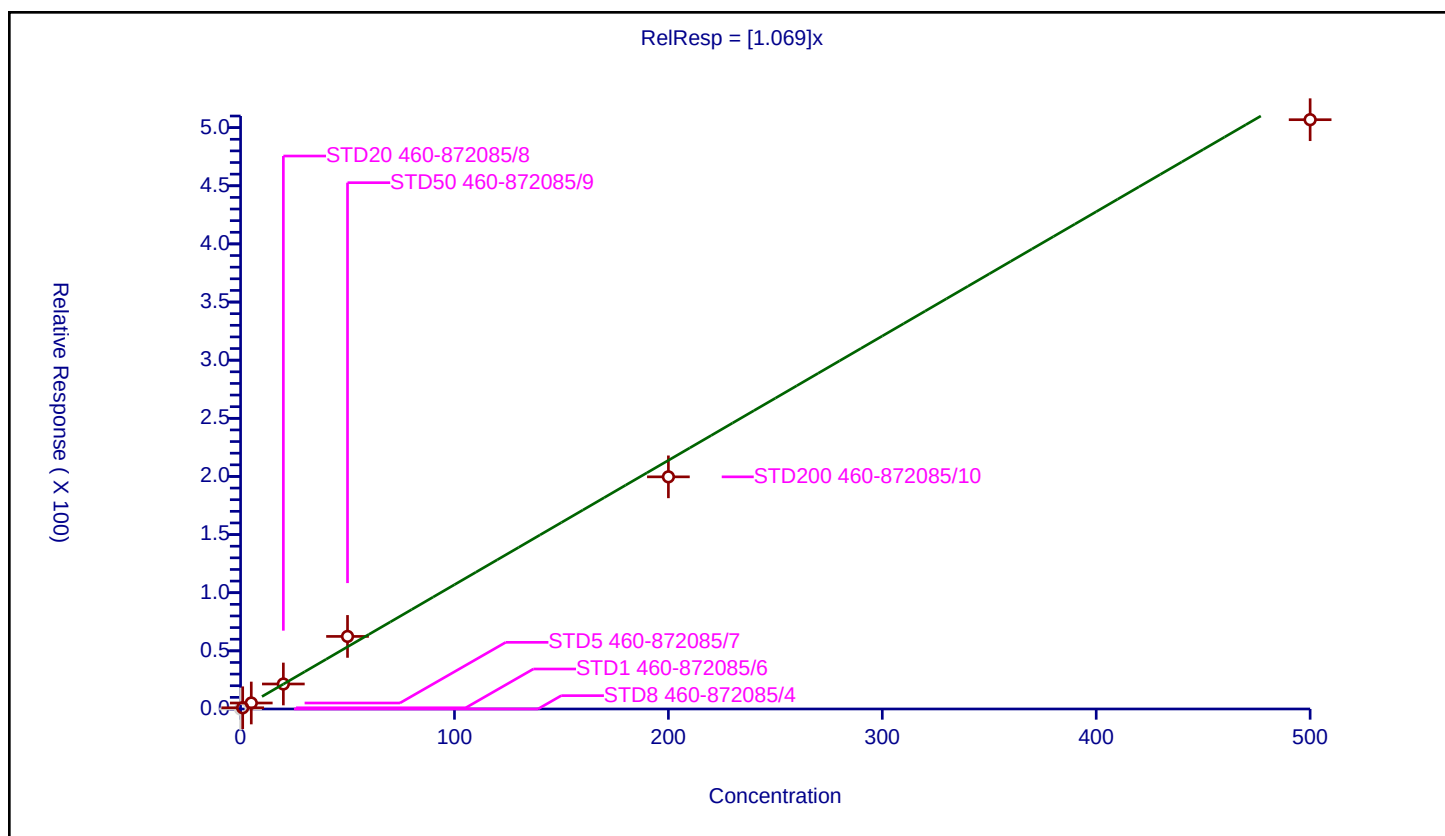
Curve Coefficients

Intercept: 0
 Slope: 1.069

Error Coefficients

Standard Error: 1600000
 Relative Standard Error: 8.6
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	1.049914	50.0	270165.0	1.049914	Y
3	STD5 460-872085/7	5.0	5.149949	50.0	261789.0	1.02999	Y
4	STD20 460-872085/8	20.0	21.512655	50.0	267166.0	1.075633	Y
5	STD50 460-872085/9	50.0	62.415465	50.0	242504.0	1.248309	Y
6	STD200 460-872085/10	200.0	199.652544	50.0	299462.0	0.998263	Y
7	STD500 460-872085/11	500.0	506.828234	50.0	331213.0	1.013656	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

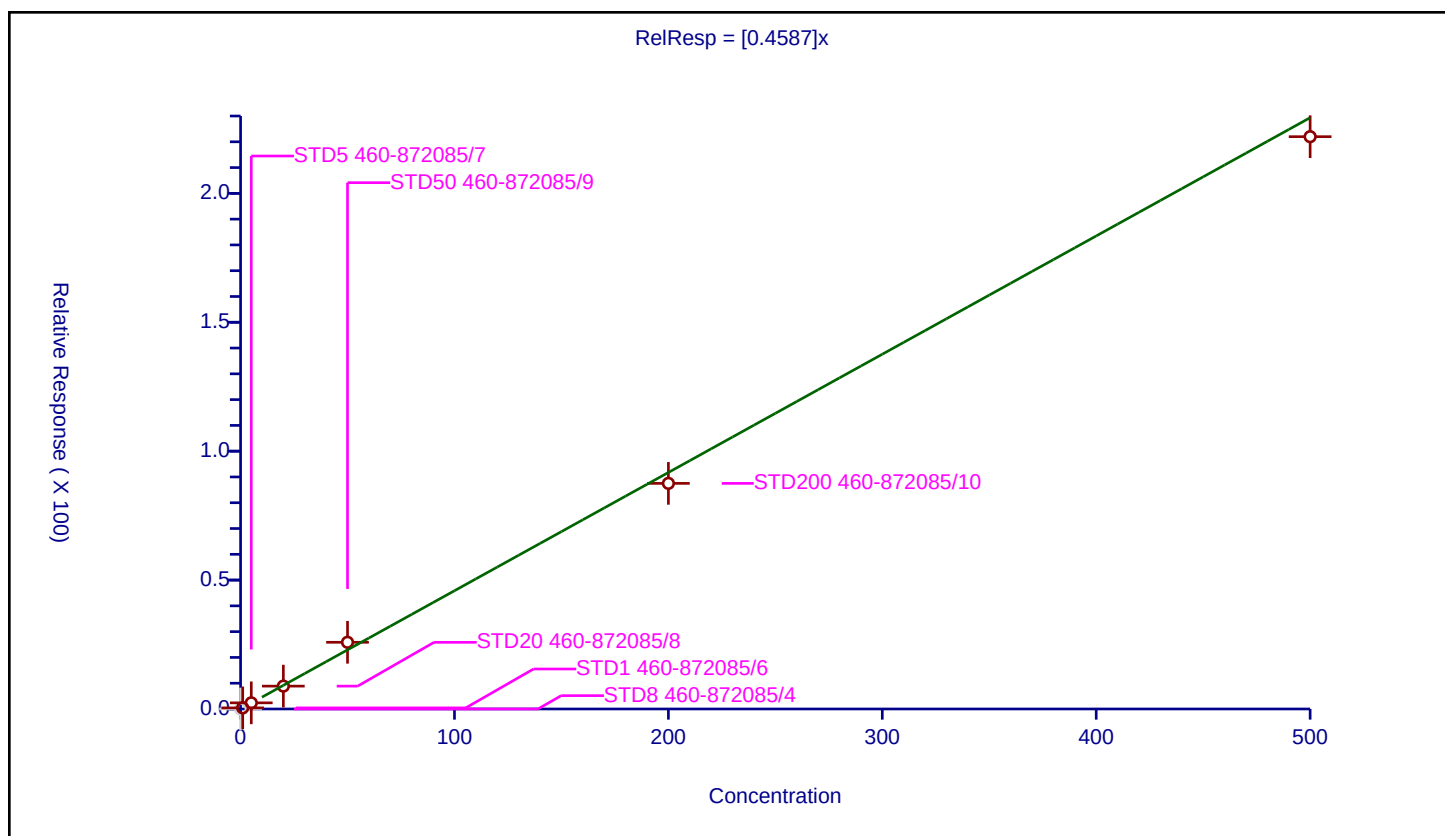
Curve Coefficients

Intercept: 0
 Slope: 0.4587

Error Coefficients

Standard Error: 701000
 Relative Standard Error: 7.1
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.432699	50.0	270165.0	0.432699	Y
3	STD5 460-872085/7	5.0	2.383981	50.0	261789.0	0.476796	Y
4	STD20 460-872085/8	20.0	8.873135	50.0	267166.0	0.443657	Y
5	STD50 460-872085/9	50.0	25.872975	50.0	242504.0	0.51746	Y
6	STD200 460-872085/10	200.0	87.512105	50.0	299462.0	0.437561	Y
7	STD500 460-872085/11	500.0	221.988267	50.0	331213.0	0.443977	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

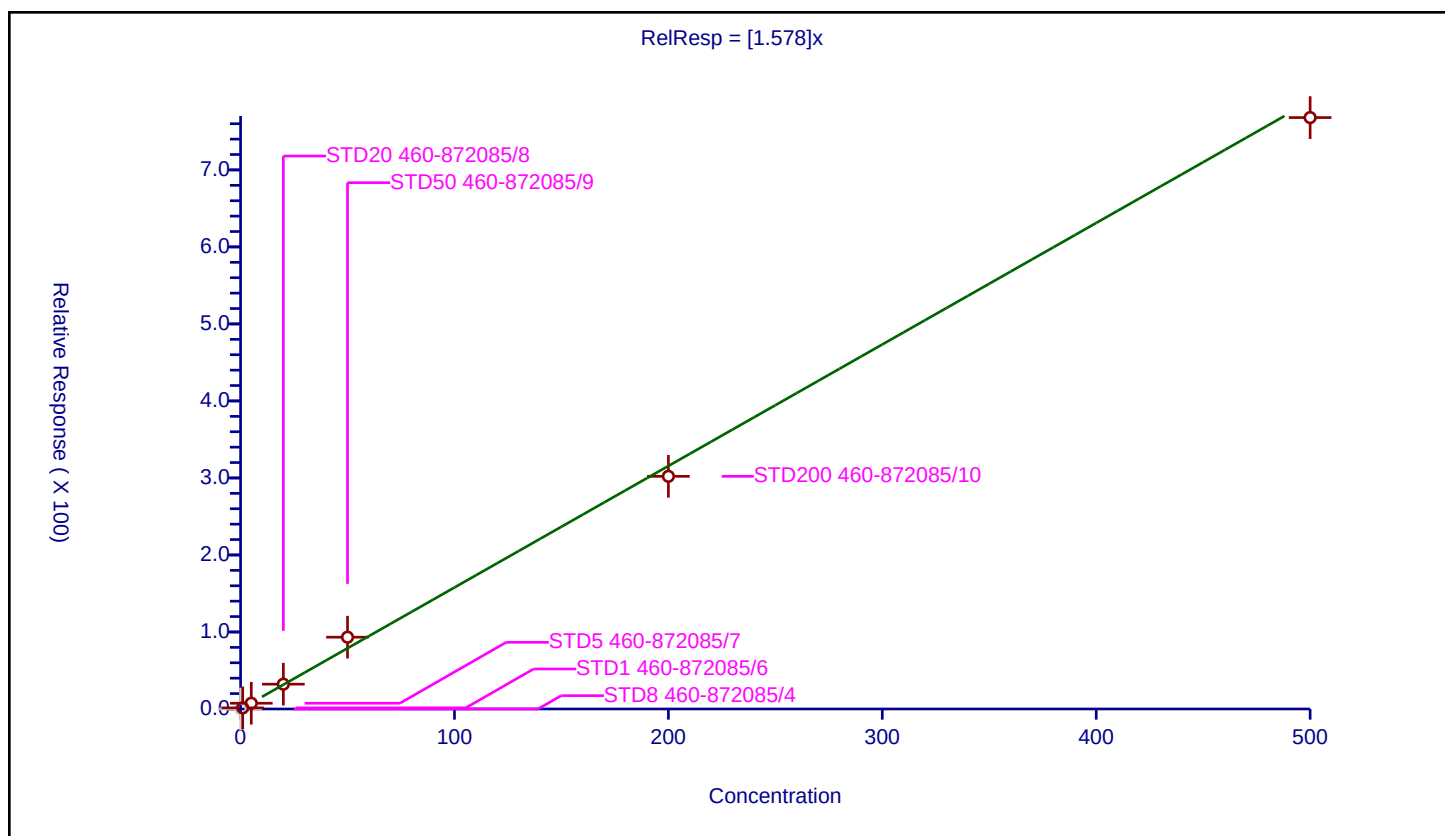
Curve Coefficients

Intercept: 0
 Slope: 1.578

Error Coefficients

Standard Error: 2420000
 Relative Standard Error: 9.5
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	1.449114	50.0	270165.0	1.449114	Y
3	STD5 460-872085/7	5.0	7.474913	50.0	261789.0	1.494983	Y
4	STD20 460-872085/8	20.0	32.236886	50.0	267166.0	1.611844	Y
5	STD50 460-872085/9	50.0	93.228771	50.0	242504.0	1.864575	Y
6	STD200 460-872085/10	200.0	302.111286	50.0	299462.0	1.510556	Y
7	STD500 460-872085/11	500.0	767.970158	50.0	331213.0	1.53594	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

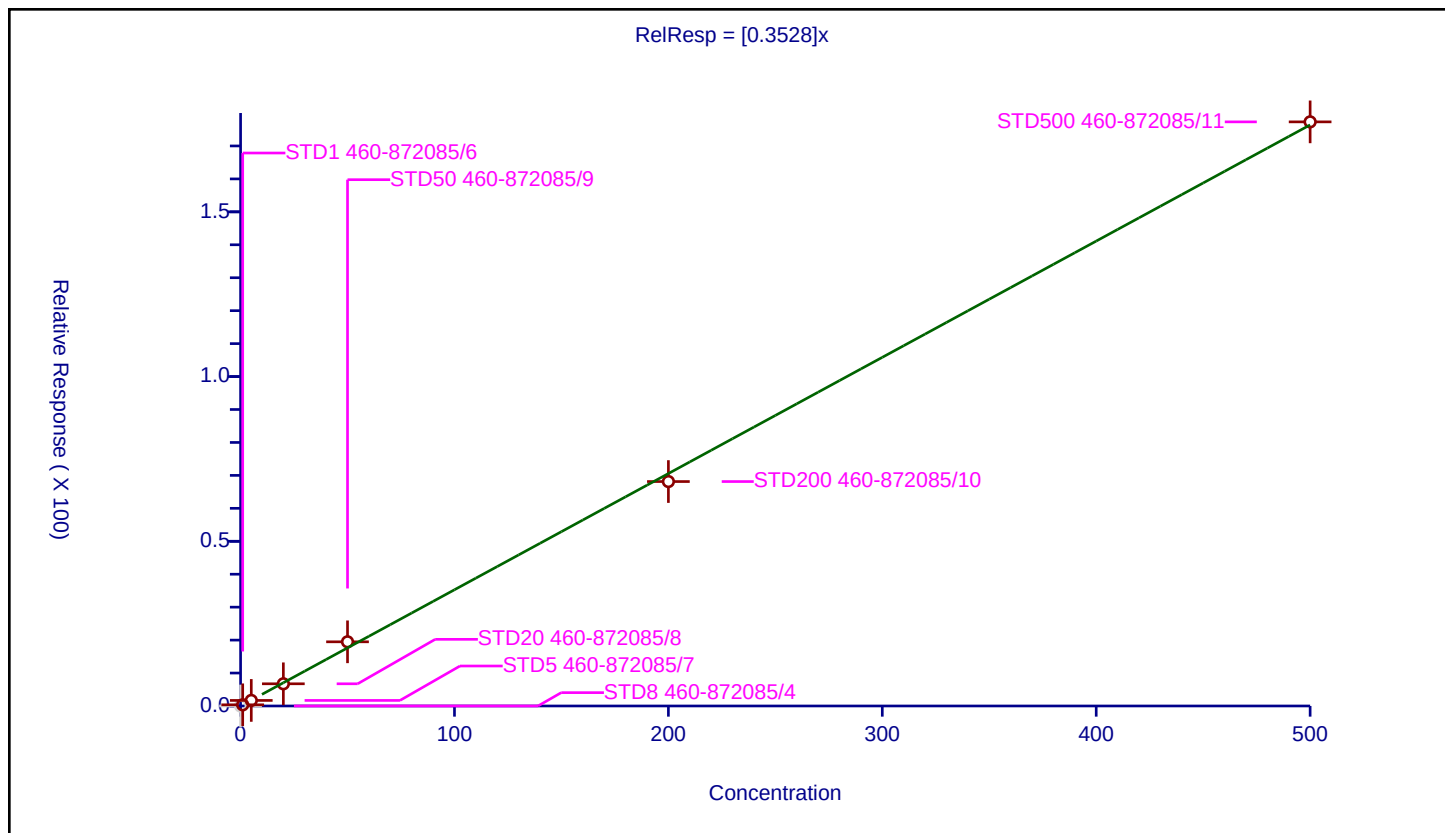
Curve Coefficients

Intercept: 0
Slope: 0.3528

Error Coefficients

Standard Error: 558000
Relative Standard Error: 5.7
Correlation Coefficient: 0.997
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	0.357004	50.0	270165.0	0.357004	Y
3	STD5 460-872085/7	5.0	1.68972	50.0	261789.0	0.337944	Y
4	STD20 460-872085/8	20.0	6.73832	50.0	267166.0	0.336916	Y
5	STD50 460-872085/9	50.0	19.482153	50.0	242504.0	0.389643	Y
6	STD200 460-872085/10	200.0	68.128177	50.0	299462.0	0.340641	Y
7	STD500 460-872085/11	500.0	177.312183	50.0	331213.0	0.354624	Y



Calibration

/ Amyl acetate (mixed isomers)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

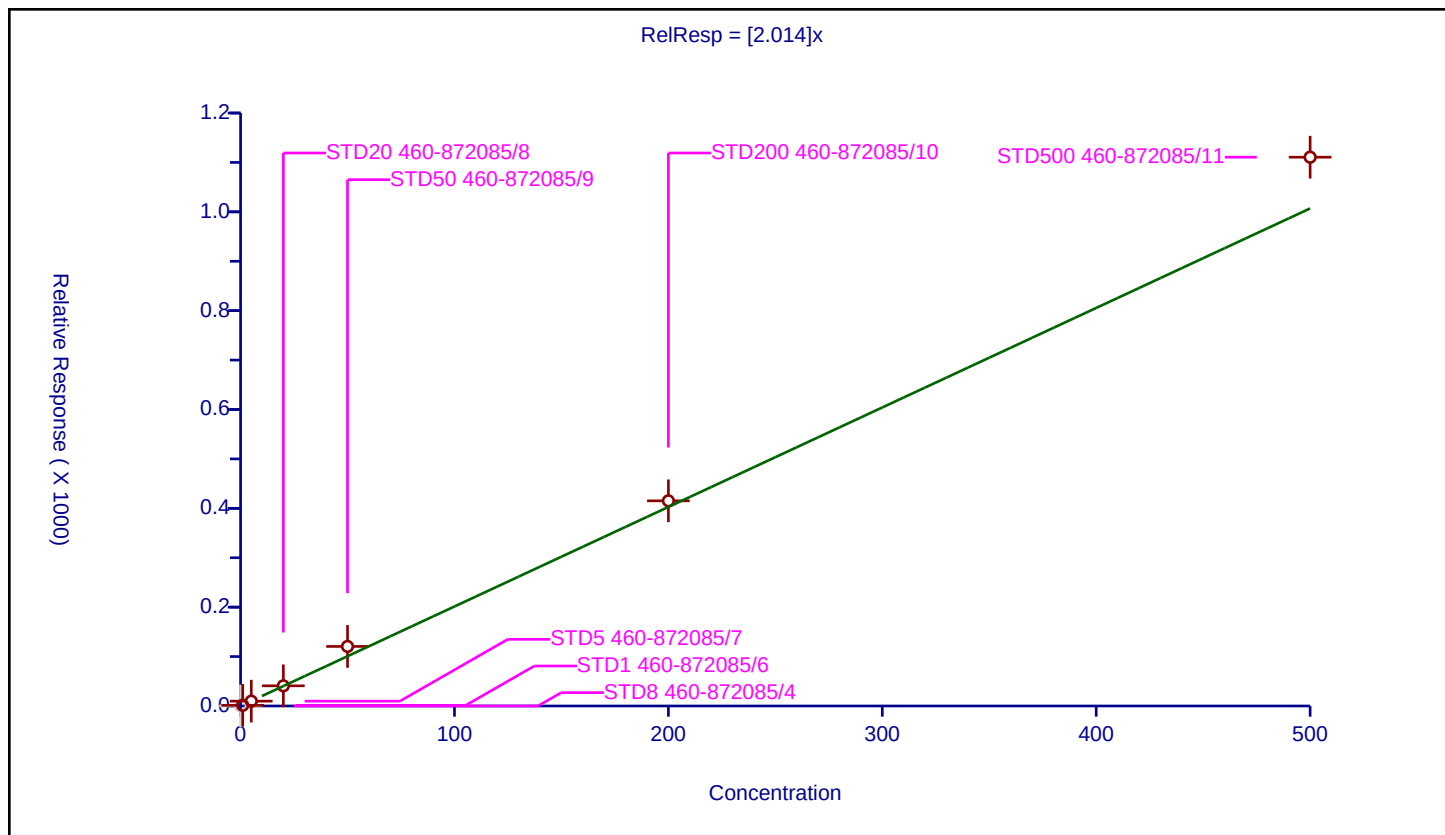
Curve Coefficients

Intercept: 0
 Slope: 2.014

Error Coefficients

Standard Error: 1680000
 Relative Standard Error: 17.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.377564	50.0	157343.0	1.377564	Y
3	STD5 460-872085/7	5.0	9.777539	50.0	150723.0	1.955508	Y
4	STD20 460-872085/8	20.0	40.844304	50.0	149721.0	2.042215	Y
5	STD50 460-872085/9	50.0	120.518338	50.0	133851.0	2.410367	Y
6	STD200 460-872085/10	200.0	415.177544	50.0	158975.0	2.075888	Y
7	STD500 460-872085/11	500.0	1110.56216	50.0	158069.0	2.221124	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

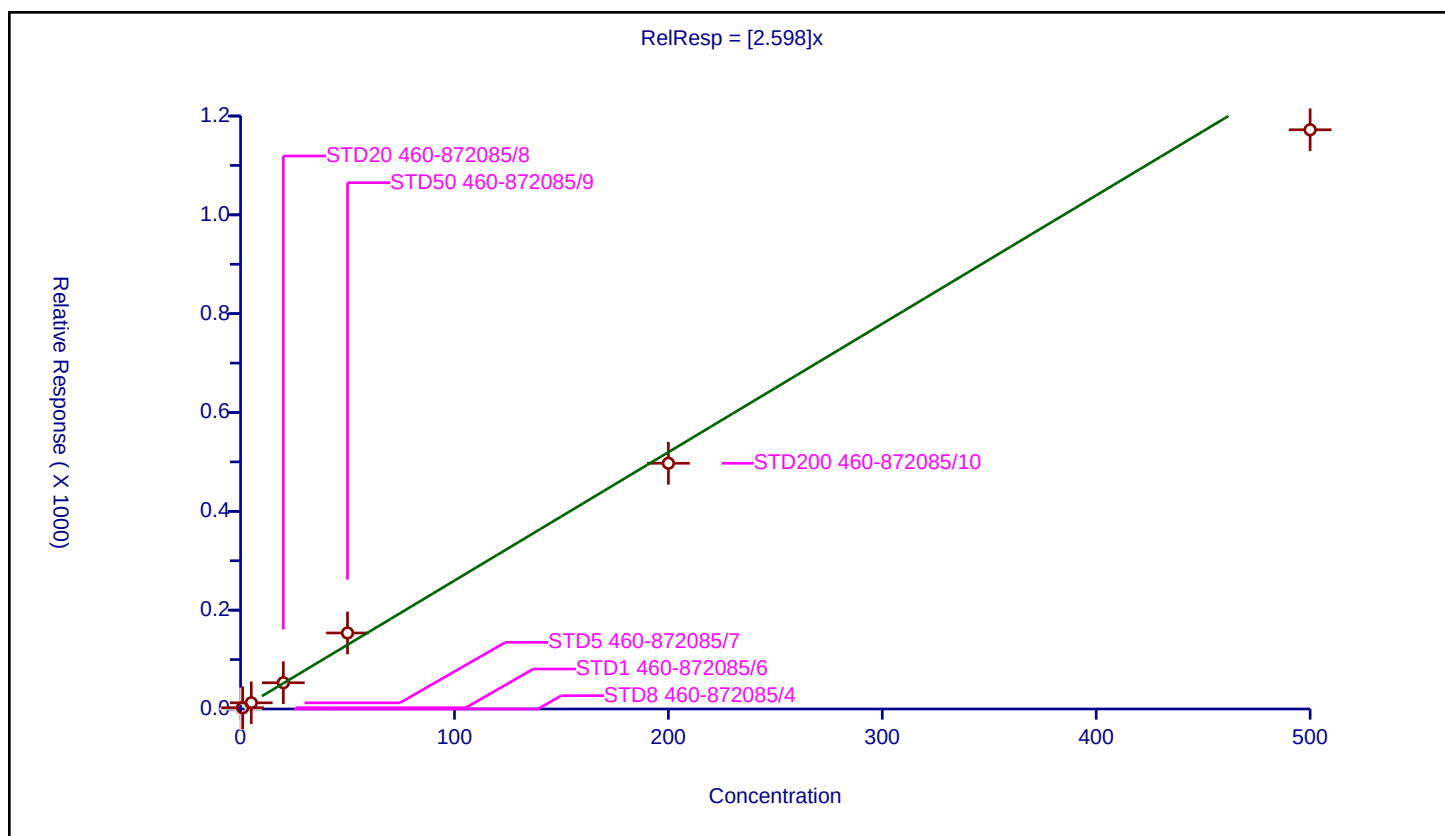
Curve Coefficients

Intercept: 0
 Slope: 2.598

Error Coefficients

Standard Error: 3740000
 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	STD8 460-872085/4	0.0	0.0	50.0	448078.0	NaN	N
2	STD1 460-872085/6	1.0	2.532897	50.0	270165.0	2.532897	Y
3	STD5 460-872085/7	5.0	12.471685	50.0	261789.0	2.494337	Y
4	STD20 460-872085/8	20.0	53.130451	50.0	267166.0	2.656523	Y
5	STD50 460-872085/9	50.0	153.813752	50.0	242504.0	3.076275	Y
6	STD200 460-872085/10	200.0	497.282627	50.0	299462.0	2.486413	Y
7	STD500 460-872085/11	500.0	1172.162023	50.0	331213.0	2.344324	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

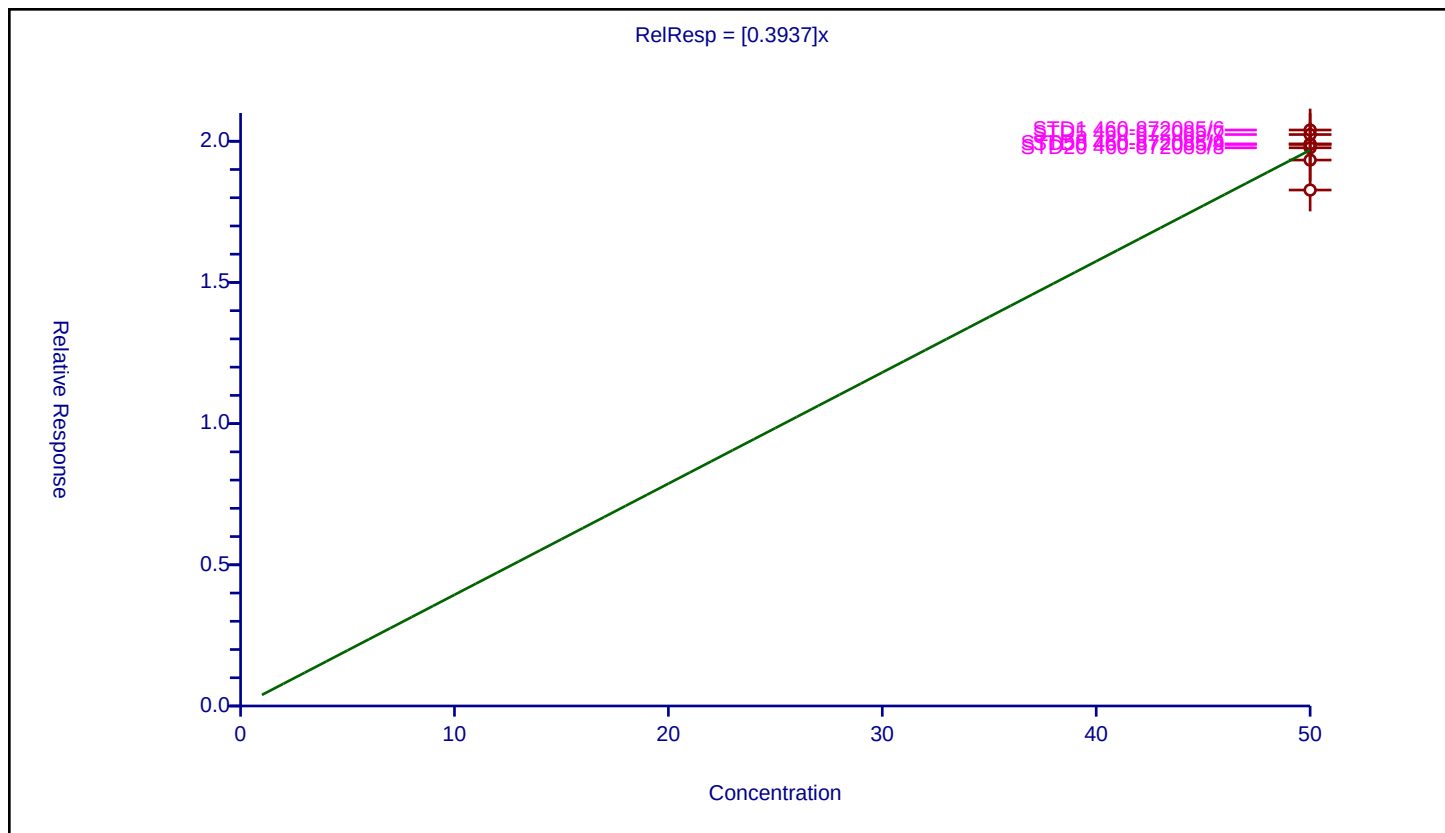
Curve Coefficients

Intercept: 0
 Slope: 0.3937

Error Coefficients

Standard Error: 131000
 Relative Standard Error: 3.6
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	50.0	19.906914	50.0	448078.0	0.398138	Y
2	STD1 460-872085/6	50.0	20.398645	50.0	270165.0	0.407973	Y
3	STD5 460-872085/7	50.0	20.237481	50.0	261789.0	0.40475	Y
4	STD20 460-872085/8	50.0	19.768421	50.0	267166.0	0.395368	Y
5	STD50 460-872085/9	50.0	19.887507	50.0	242504.0	0.39775	Y
6	STD200 460-872085/10	50.0	19.33434	50.0	299462.0	0.386687	Y
7	STD500 460-872085/11	50.0	18.272532	50.0	331213.0	0.365451	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

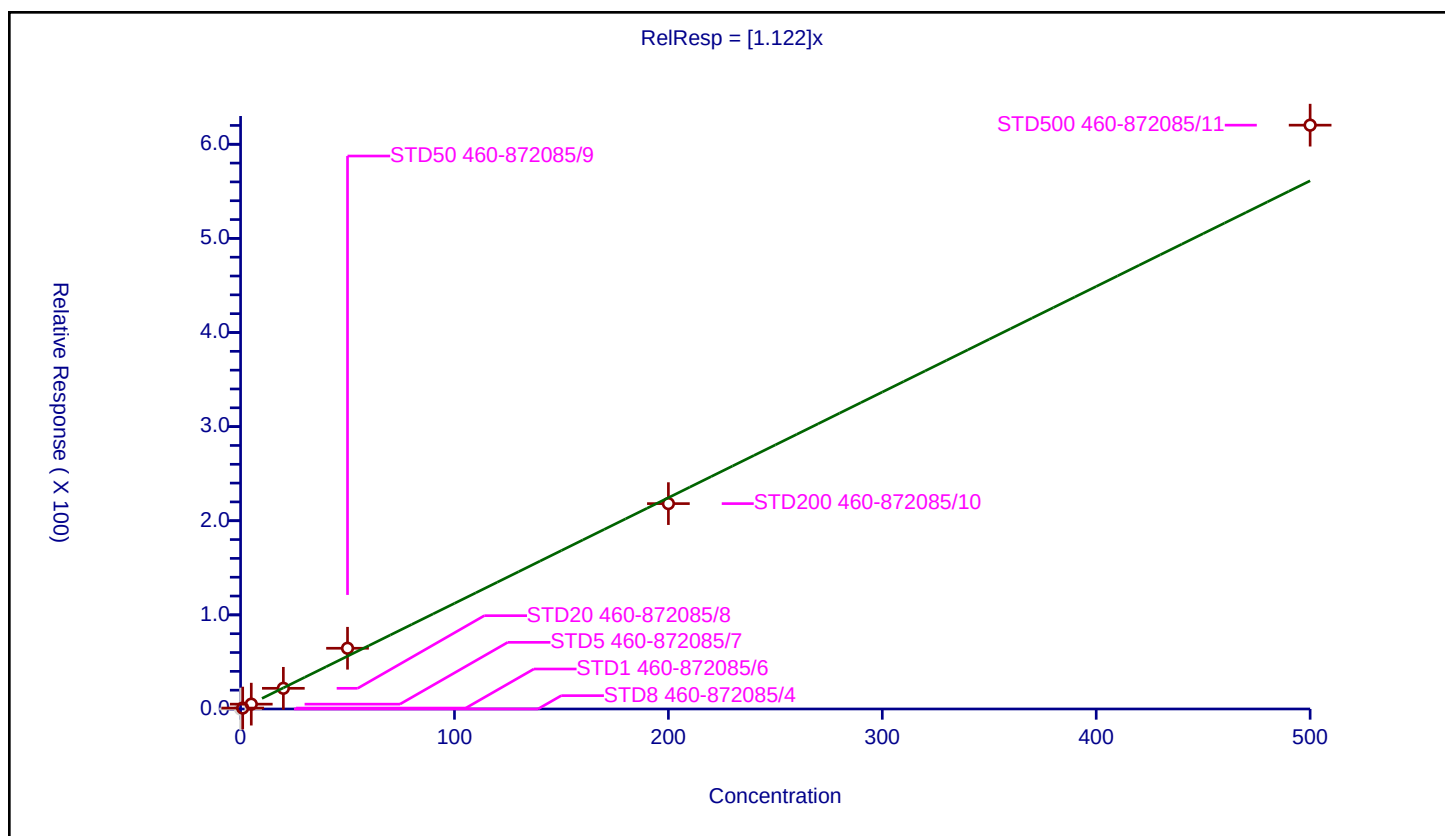
Curve Coefficients

Intercept: 0
Slope: 1.122

Error Coefficients

Standard Error: 934000
Relative Standard Error: 10.7
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	0.983838	50.0	157343.0	0.983838	Y
3	STD5 460-872085/7	5.0	5.145864	50.0	150723.0	1.029173	Y
4	STD20 460-872085/8	20.0	21.978547	50.0	149721.0	1.098927	Y
5	STD50 460-872085/9	50.0	64.527348	50.0	133851.0	1.290547	Y
6	STD200 460-872085/10	200.0	218.206951	50.0	158975.0	1.091035	Y
7	STD500 460-872085/11	500.0	620.289241	50.0	158069.0	1.240578	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

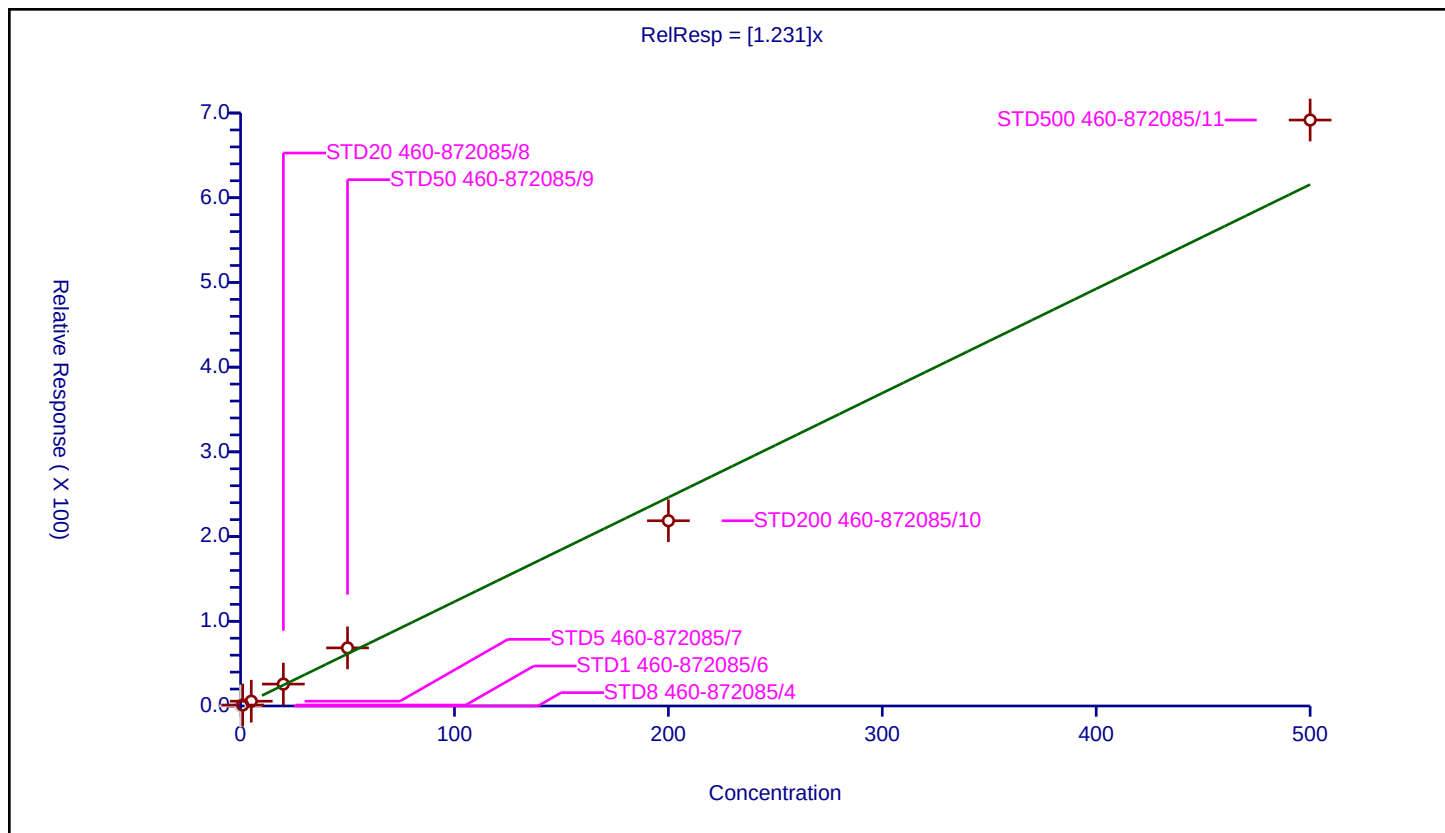
Curve Coefficients

Intercept: 0
 Slope: 1.231

Error Coefficients

Standard Error: 1030000
 Relative Standard Error: 10.9
 Correlation Coefficient: 0.993
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.117304	50.0	157343.0	1.117304	Y
3	STD5 460-872085/7	5.0	5.641806	50.0	150723.0	1.128361	Y
4	STD20 460-872085/8	20.0	25.859432	50.0	149721.0	1.292972	Y
5	STD50 460-872085/9	50.0	68.582229	50.0	133851.0	1.371645	Y
6	STD200 460-872085/10	200.0	218.681239	50.0	158975.0	1.093406	Y
7	STD500 460-872085/11	500.0	691.732724	50.0	158069.0	1.383465	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

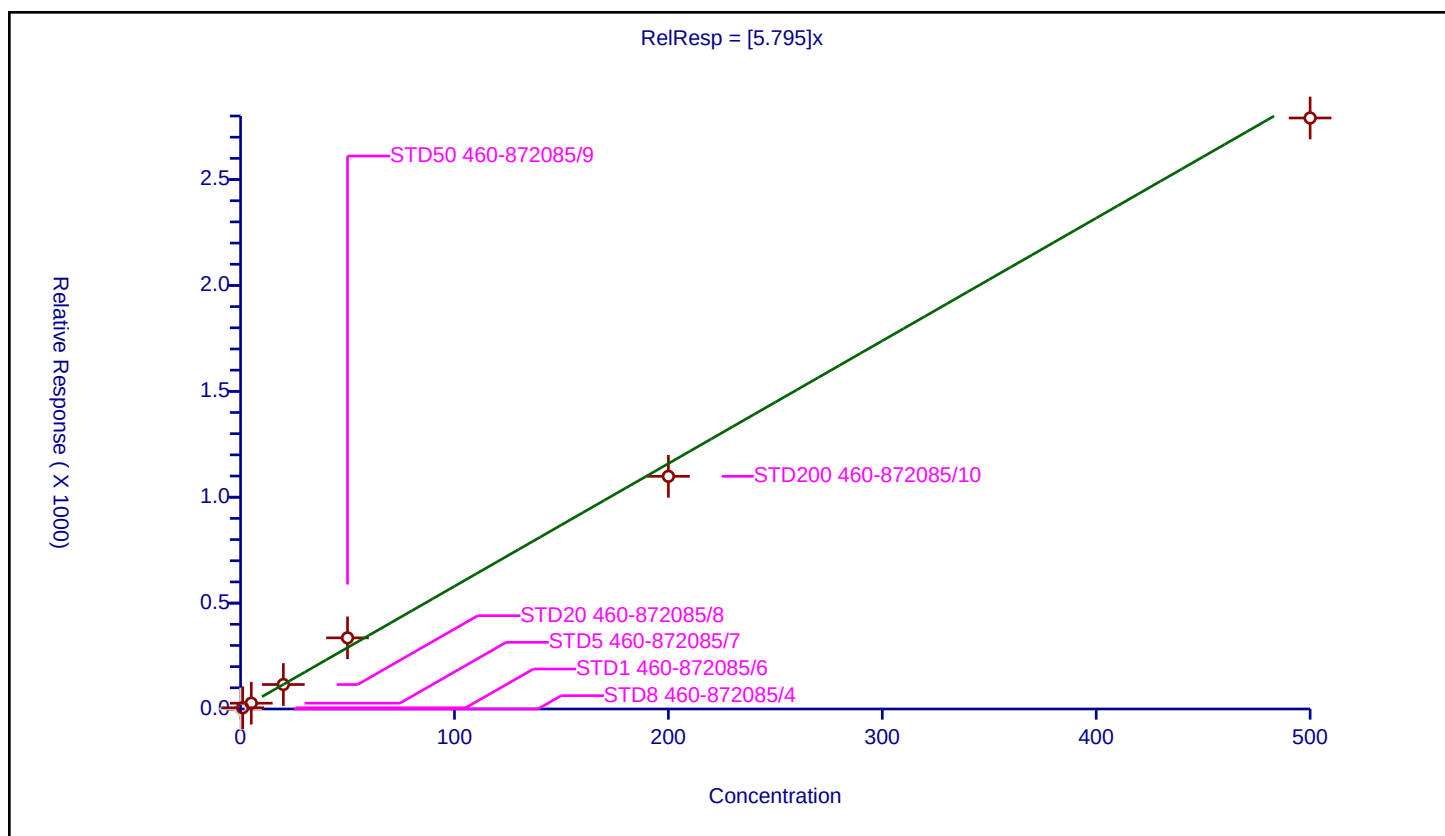
Curve Coefficients

Intercept: 0
 Slope: 5.795

Error Coefficients

Standard Error: 4260000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	5.730474	50.0	157343.0	5.730474	Y
3	STD5 460-872085/7	5.0	27.357139	50.0	150723.0	5.471428	Y
4	STD20 460-872085/8	20.0	115.494486	50.0	149721.0	5.774724	Y
5	STD50 460-872085/9	50.0	335.943325	50.0	133851.0	6.718867	Y
6	STD200 460-872085/10	200.0	1098.534675	50.0	158975.0	5.492673	Y
7	STD500 460-872085/11	500.0	2790.661357	50.0	158069.0	5.581323	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

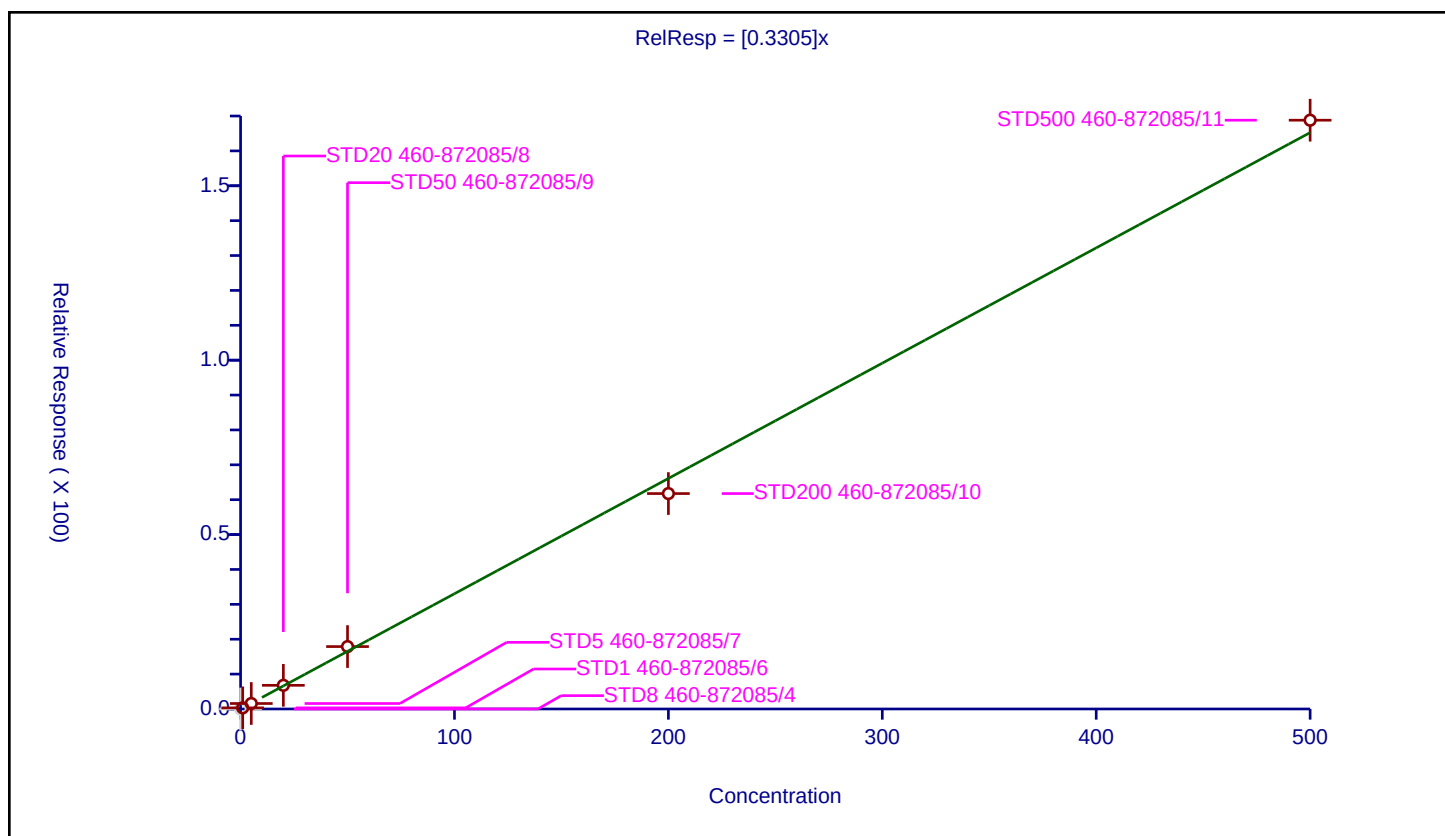
Curve Coefficients

Intercept: 0
Slope: 0.3305

Error Coefficients

Standard Error: 255000
Relative Standard Error: 5.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	0.325722	50.0	157343.0	0.325722	Y
3	STD5 460-872085/7	5.0	1.56844	50.0	150723.0	0.313688	Y
4	STD20 460-872085/8	20.0	6.785955	50.0	149721.0	0.339298	Y
5	STD50 460-872085/9	50.0	17.893404	50.0	133851.0	0.357868	Y
6	STD200 460-872085/10	200.0	61.758453	50.0	158975.0	0.308792	Y
7	STD500 460-872085/11	500.0	168.799069	50.0	158069.0	0.337598	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

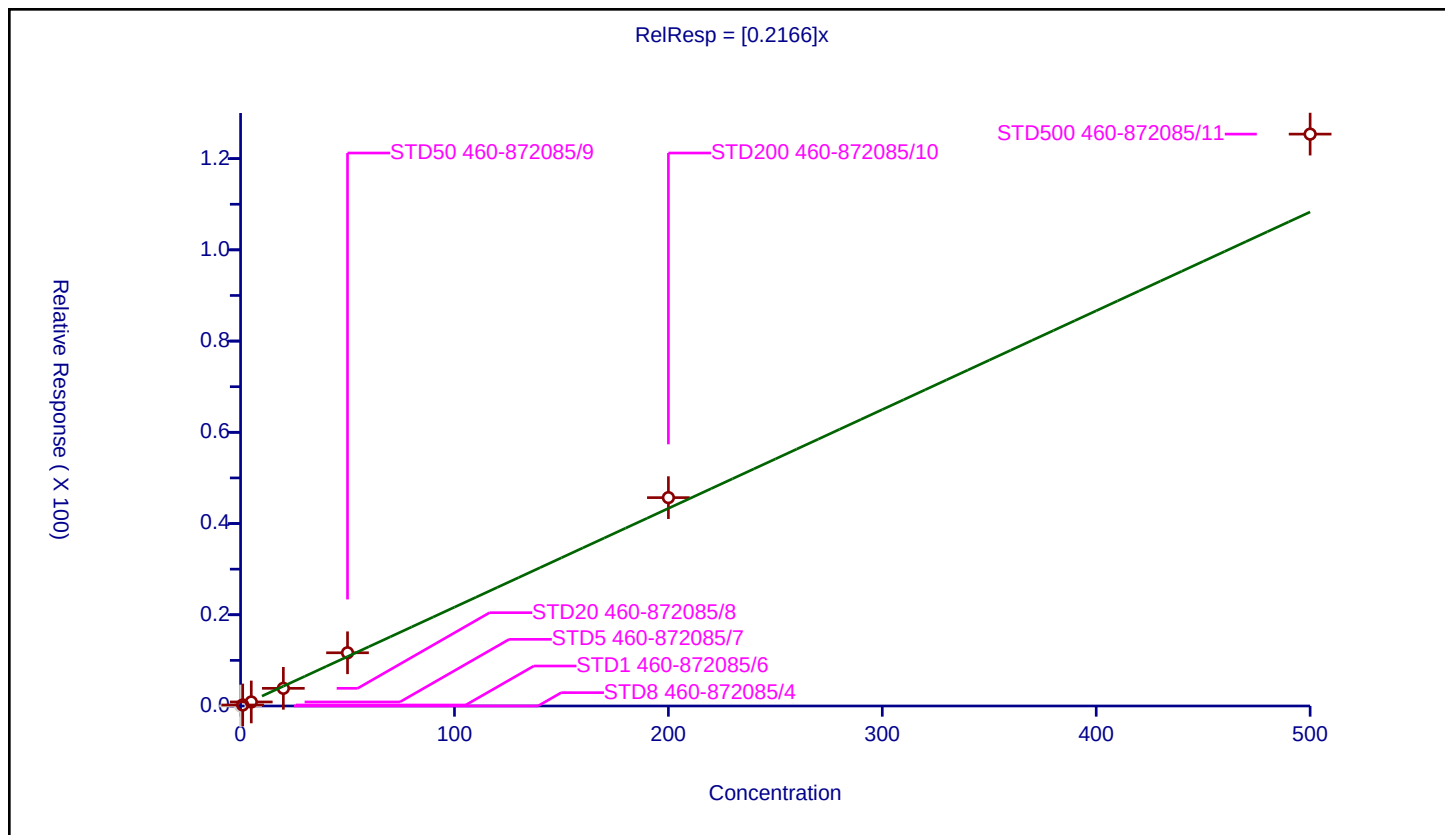
Curve Coefficients

Intercept: 0
Slope: 0.2166

Error Coefficients

Standard Error: 189000
Relative Standard Error: 12.5
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	0.216406	50.0	157343.0	0.216406	Y
3	STD5 460-872085/7	5.0	0.885067	50.0	150723.0	0.177013	Y
4	STD20 460-872085/8	20.0	3.874874	50.0	149721.0	0.193744	Y
5	STD50 460-872085/9	50.0	11.668572	50.0	133851.0	0.233371	Y
6	STD200 460-872085/10	200.0	45.677622	50.0	158975.0	0.228388	Y
7	STD500 460-872085/11	500.0	125.375943	50.0	158069.0	0.250752	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

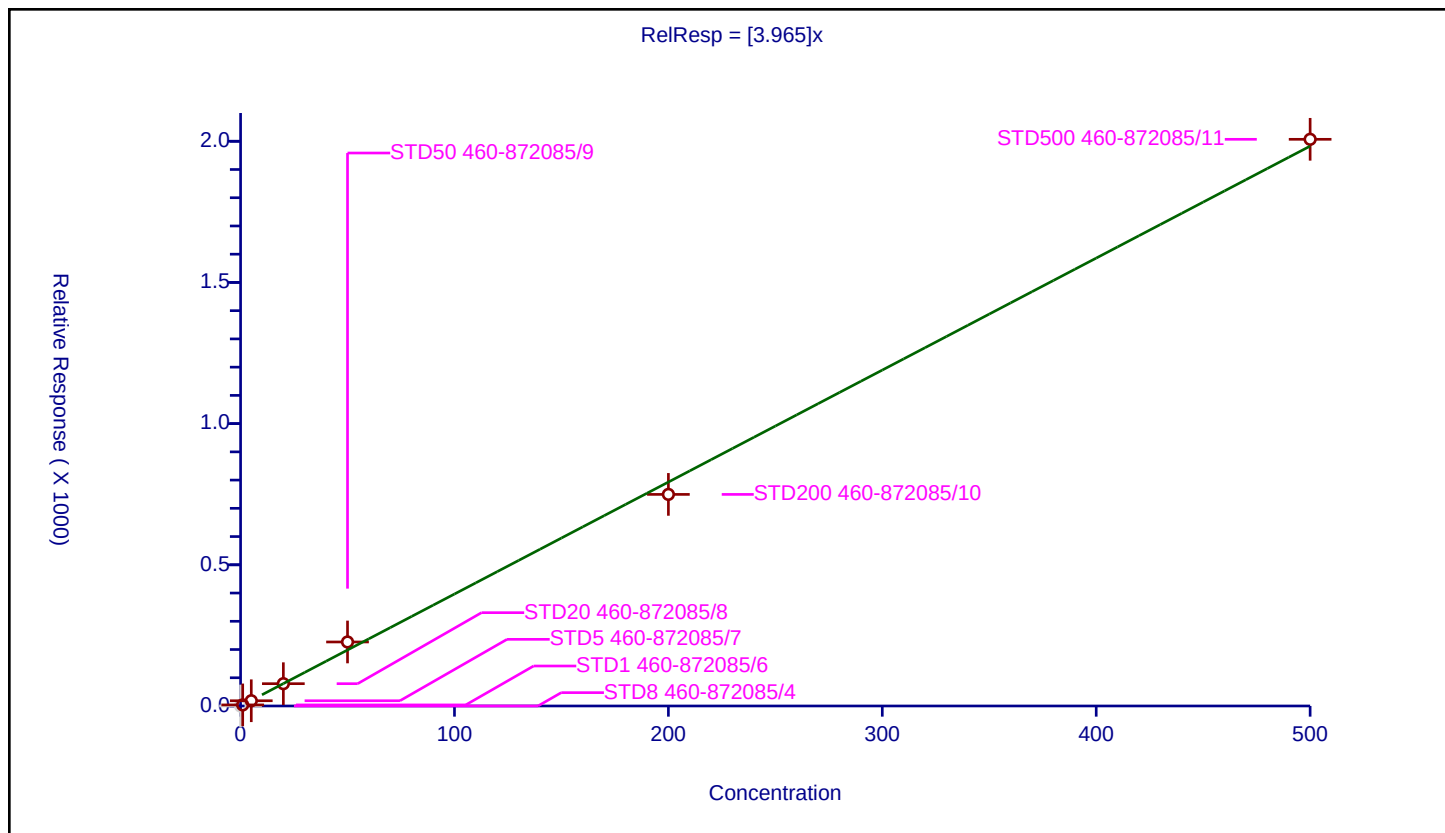
Curve Coefficients

Intercept: 0
Slope: 3.965

Error Coefficients

Standard Error: 3040000
Relative Standard Error: 7.6
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.844467	50.0	157343.0	3.844467	Y
3	STD5 460-872085/7	5.0	18.528692	50.0	150723.0	3.705738	Y
4	STD20 460-872085/8	20.0	78.956192	50.0	149721.0	3.94781	Y
5	STD50 460-872085/9	50.0	226.727481	50.0	133851.0	4.53455	Y
6	STD200 460-872085/10	200.0	749.334801	50.0	158975.0	3.746674	Y
7	STD500 460-872085/11	500.0	2006.847959	50.0	158069.0	4.013696	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

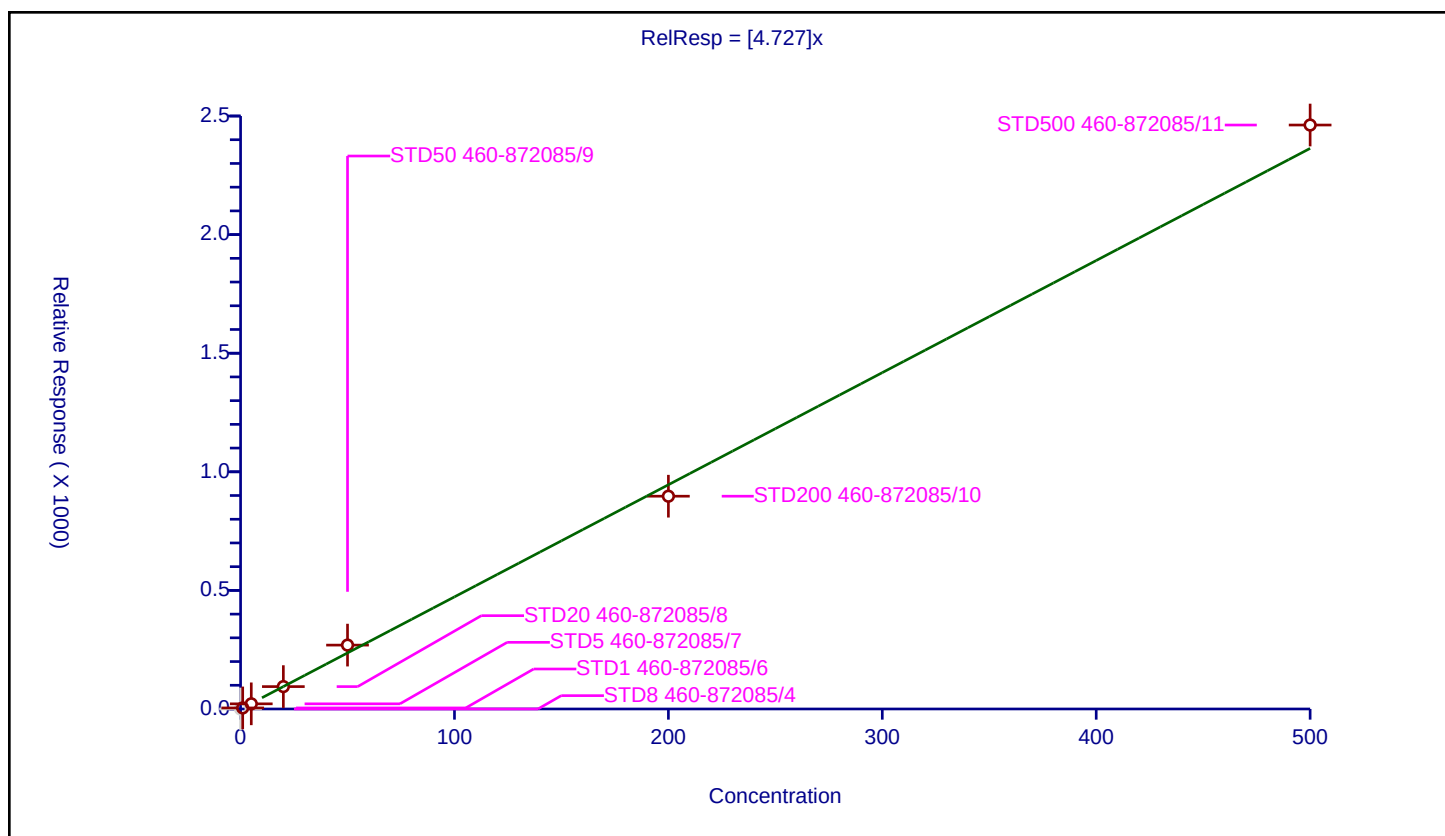
Curve Coefficients

Intercept: 0
Slope: 4.727

Error Coefficients

Standard Error: 3720000
Relative Standard Error: 8.1
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	4.485106	50.0	157343.0	4.485106	Y
3	STD5 460-872085/7	5.0	21.793621	50.0	150723.0	4.358724	Y
4	STD20 460-872085/8	20.0	94.430641	50.0	149721.0	4.721532	Y
5	STD50 460-872085/9	50.0	269.352115	50.0	133851.0	5.387042	Y
6	STD200 460-872085/10	200.0	897.08602	50.0	158975.0	4.48543	Y
7	STD500 460-872085/11	500.0	2462.006782	50.0	158069.0	4.924014	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

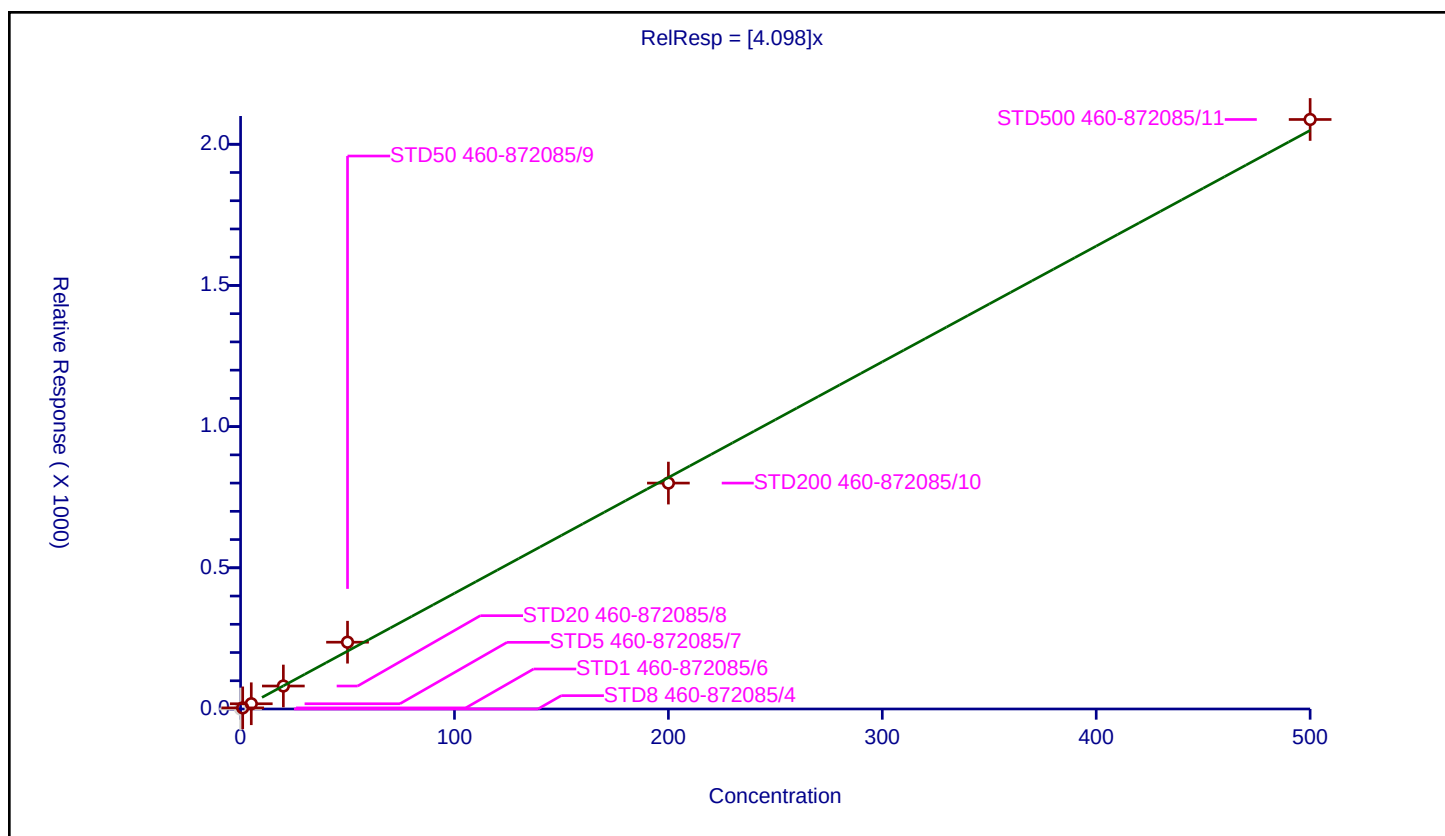
Curve Coefficients

Intercept: 0
 Slope: 4.098

Error Coefficients

Standard Error: 3180000
 Relative Standard Error: 8.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.89976	50.0	157343.0	3.89976	Y
3	STD5 460-872085/7	5.0	18.564851	50.0	150723.0	3.71297	Y
4	STD20 460-872085/8	20.0	81.402075	50.0	149721.0	4.070104	Y
5	STD50 460-872085/9	50.0	236.552585	50.0	133851.0	4.731052	Y
6	STD200 460-872085/10	200.0	799.997798	50.0	158975.0	3.999989	Y
7	STD500 460-872085/11	500.0	2087.708849	50.0	158069.0	4.175418	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

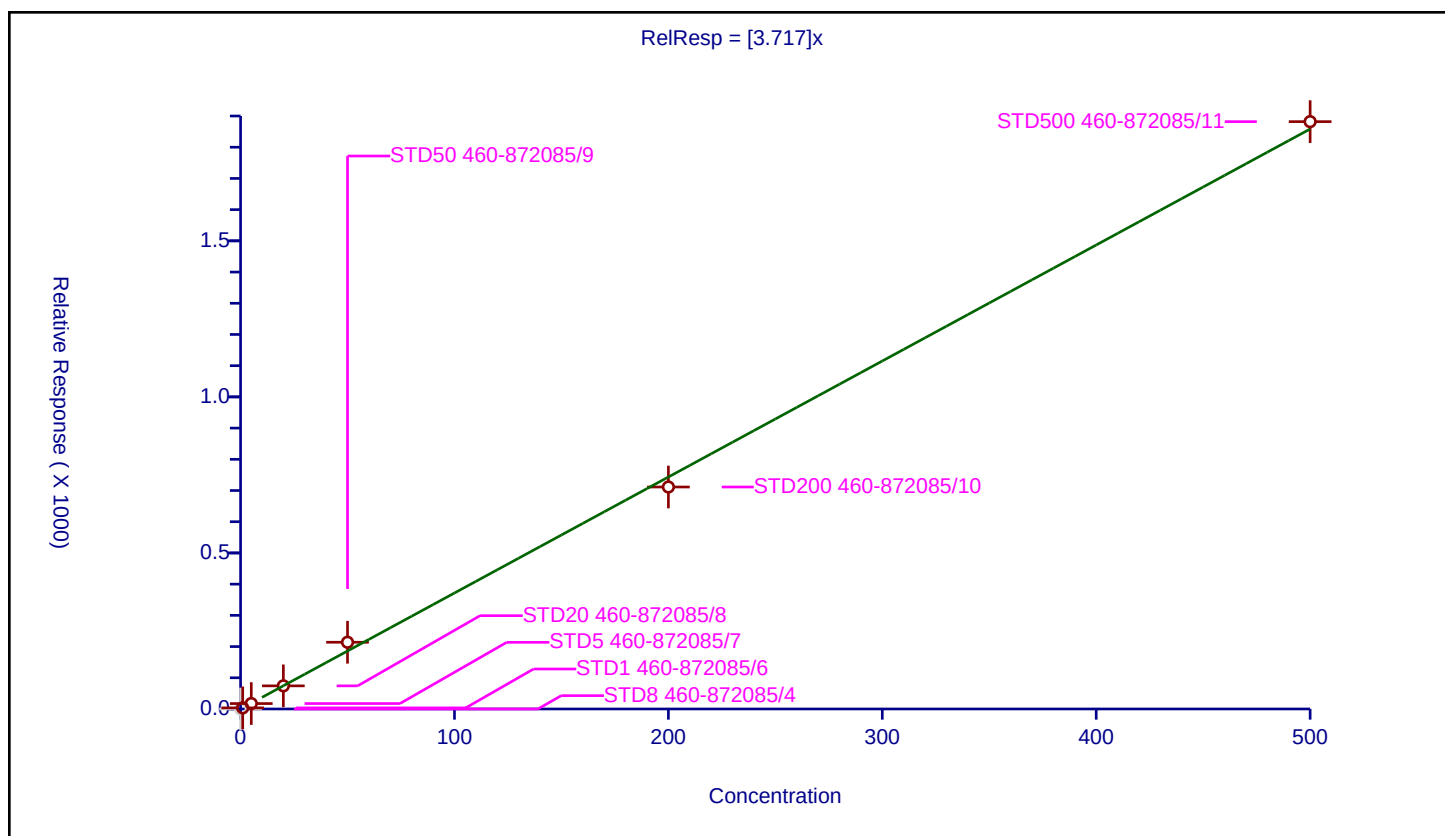
Curve Coefficients

Intercept: 0
 Slope: 3.717

Error Coefficients

Standard Error: 2860000
 Relative Standard Error: 7.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.517792	50.0	157343.0	3.517792	Y
3	STD5 460-872085/7	5.0	17.408425	50.0	150723.0	3.481685	Y
4	STD20 460-872085/8	20.0	74.094816	50.0	149721.0	3.704741	Y
5	STD50 460-872085/9	50.0	213.791828	50.0	133851.0	4.275837	Y
6	STD200 460-872085/10	200.0	711.250197	50.0	158975.0	3.556251	Y
7	STD500 460-872085/11	500.0	1882.002796	50.0	158069.0	3.764006	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

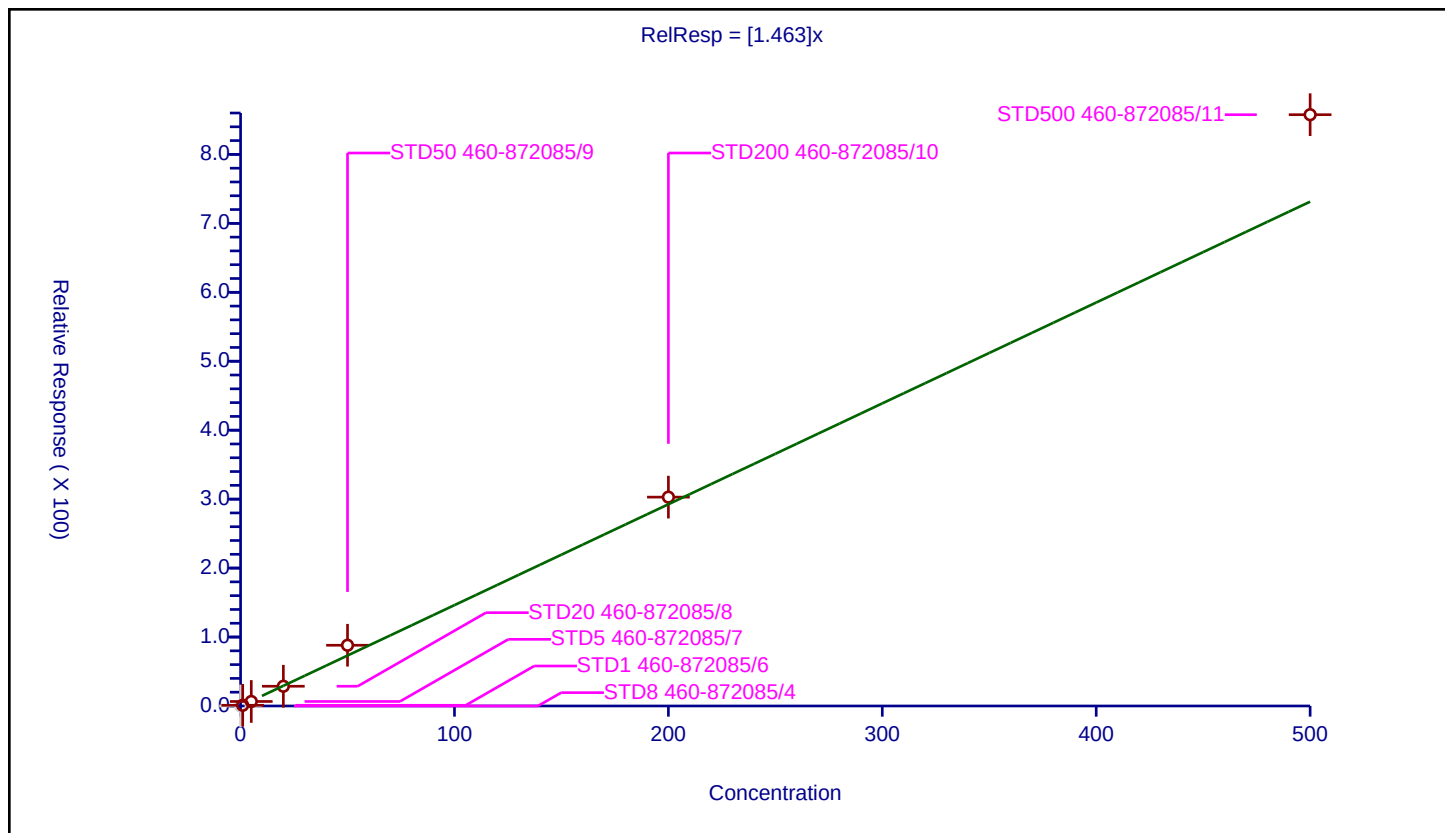
Curve Coefficients

Intercept: 0
 Slope: 1.463

Error Coefficients

Standard Error: 1290000
 Relative Standard Error: 18.2
 Correlation Coefficient: 0.998
 Coefficient of Determination (Adjusted): 0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.042627	50.0	157343.0	1.042627	Y
3	STD5 460-872085/7	5.0	6.561042	50.0	150723.0	1.312208	Y
4	STD20 460-872085/8	20.0	28.6199	50.0	149721.0	1.430995	Y
5	STD50 460-872085/9	50.0	88.072558	50.0	133851.0	1.761451	Y
6	STD200 460-872085/10	200.0	302.918383	50.0	158975.0	1.514592	Y
7	STD500 460-872085/11	500.0	857.568214	50.0	158069.0	1.715136	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

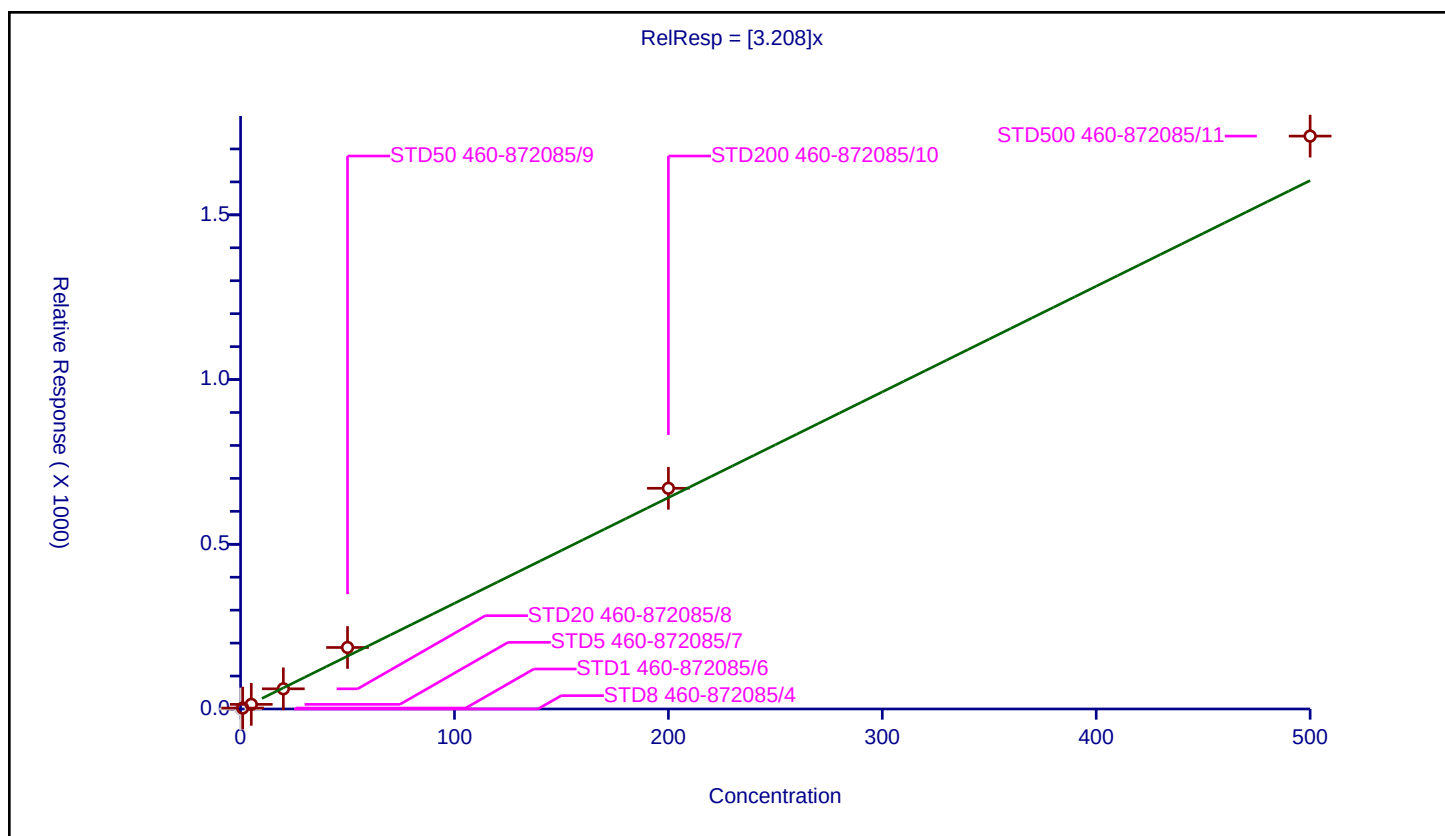
Curve Coefficients

Intercept: 0
 Slope: 3.208

Error Coefficients

Standard Error: 2650000
 Relative Standard Error: 11.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.821861	50.0	157343.0	2.821861	Y
3	STD5 460-872085/7	5.0	14.019095	50.0	150723.0	2.803819	Y
4	STD20 460-872085/8	20.0	61.218533	50.0	149721.0	3.060927	Y
5	STD50 460-872085/9	50.0	186.744216	50.0	133851.0	3.734884	Y
6	STD200 460-872085/10	200.0	669.964145	50.0	158975.0	3.349821	Y
7	STD500 460-872085/11	500.0	1739.035801	50.0	158069.0	3.478072	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

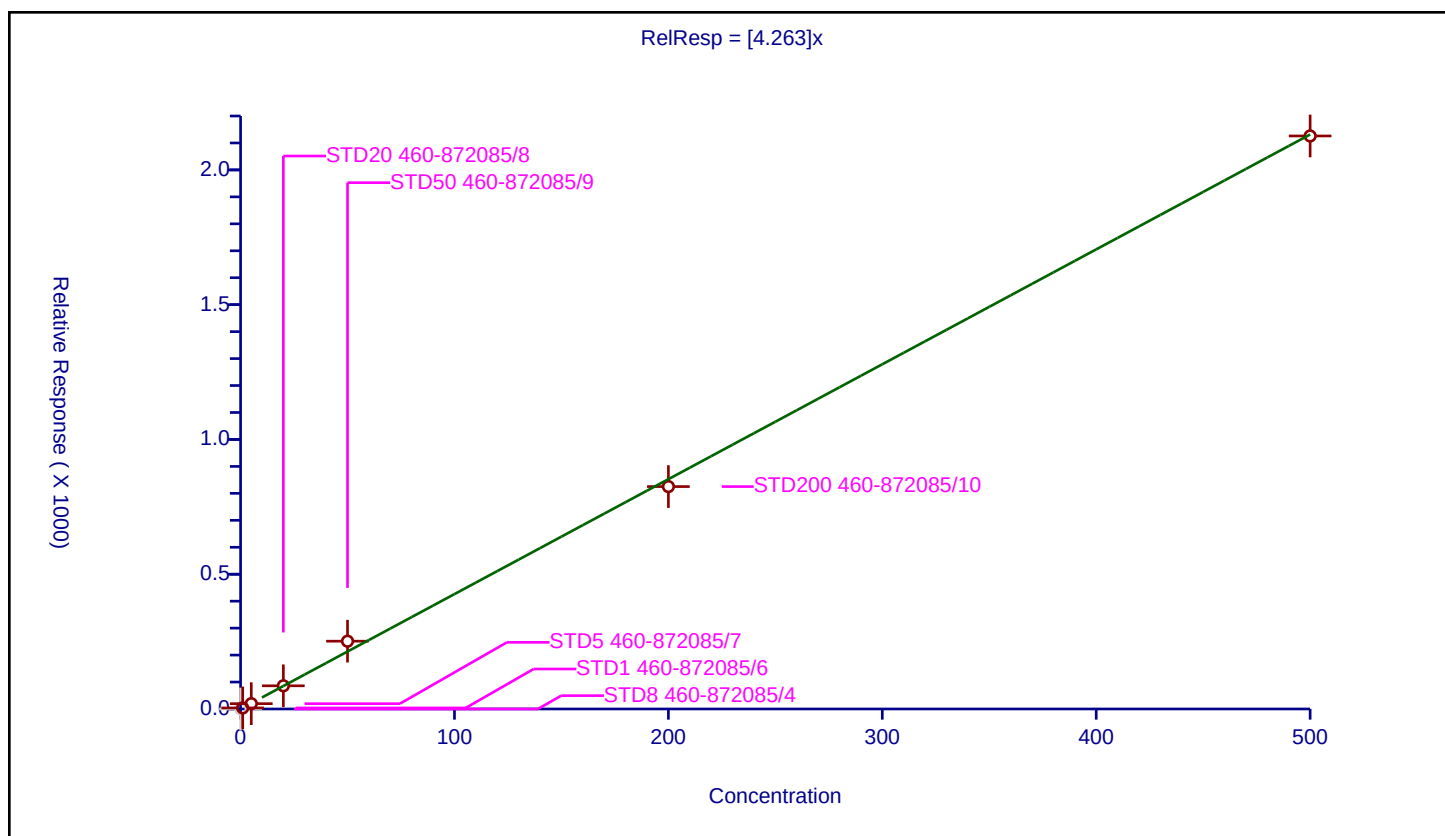
Curve Coefficients

Intercept: 0
 Slope: 4.263

Error Coefficients

Standard Error: 3240000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.929314	50.0	157343.0	3.929314	Y
3	STD5 460-872085/7	5.0	19.694738	50.0	150723.0	3.938948	Y
4	STD20 460-872085/8	20.0	86.01265	50.0	149721.0	4.300633	Y
5	STD50 460-872085/9	50.0	251.549484	50.0	133851.0	5.03099	Y
6	STD200 460-872085/10	200.0	825.153011	50.0	158975.0	4.125765	Y
7	STD500 460-872085/11	500.0	2125.965243	50.0	158069.0	4.25193	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

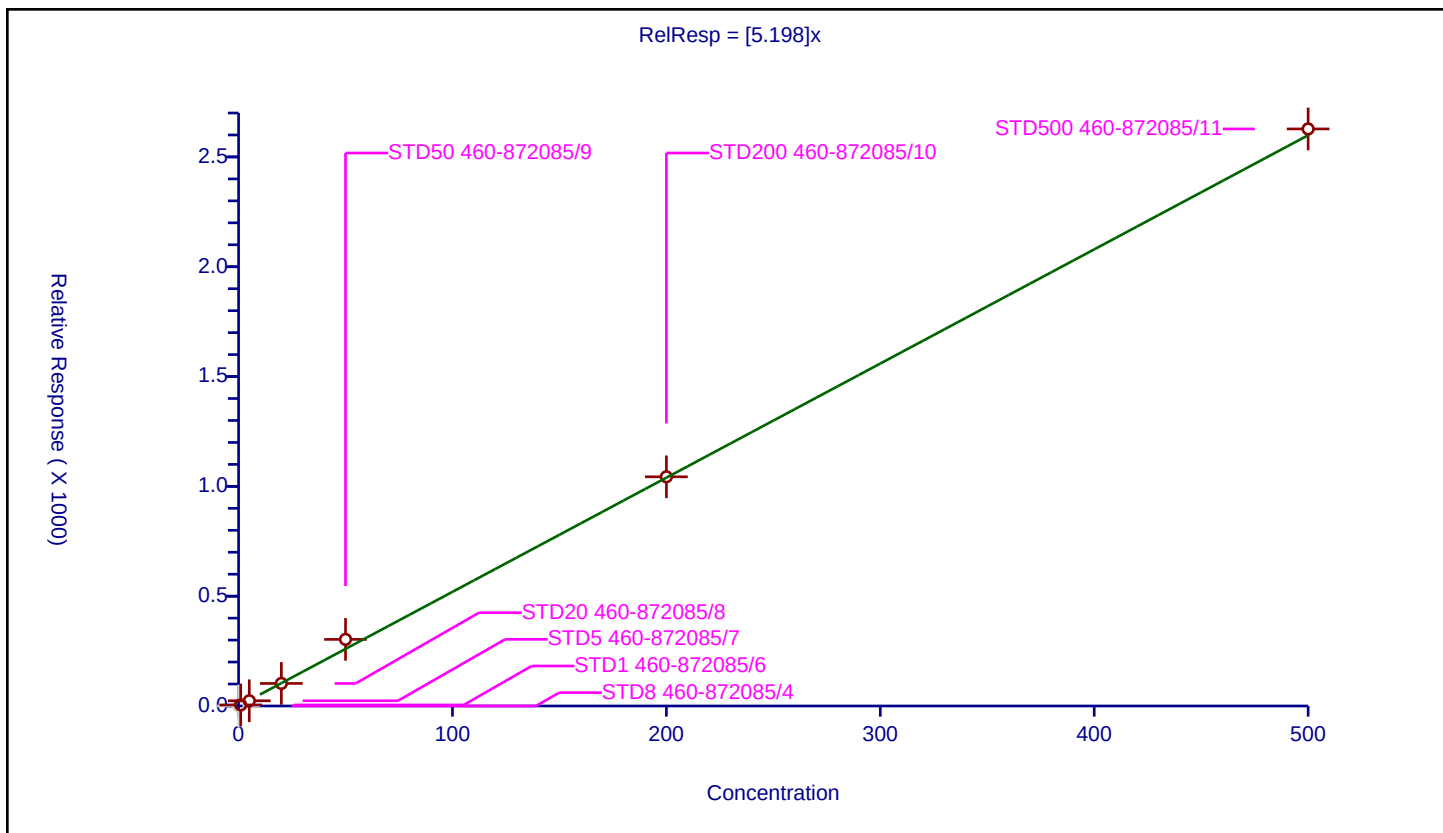
Curve Coefficients

Intercept: 0
 Slope: 5.198

Error Coefficients

Standard Error: 4020000
 Relative Standard Error: 9.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	4.769834	50.0	157343.0	4.769834	Y
3	STD5 460-872085/7	5.0	23.732277	50.0	150723.0	4.746455	Y
4	STD20 460-872085/8	20.0	102.636237	50.0	149721.0	5.131812	Y
5	STD50 460-872085/9	50.0	303.210286	50.0	133851.0	6.064206	Y
6	STD200 460-872085/10	200.0	1043.608114	50.0	158975.0	5.218041	Y
7	STD500 460-872085/11	500.0	2627.518362	50.0	158069.0	5.255037	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

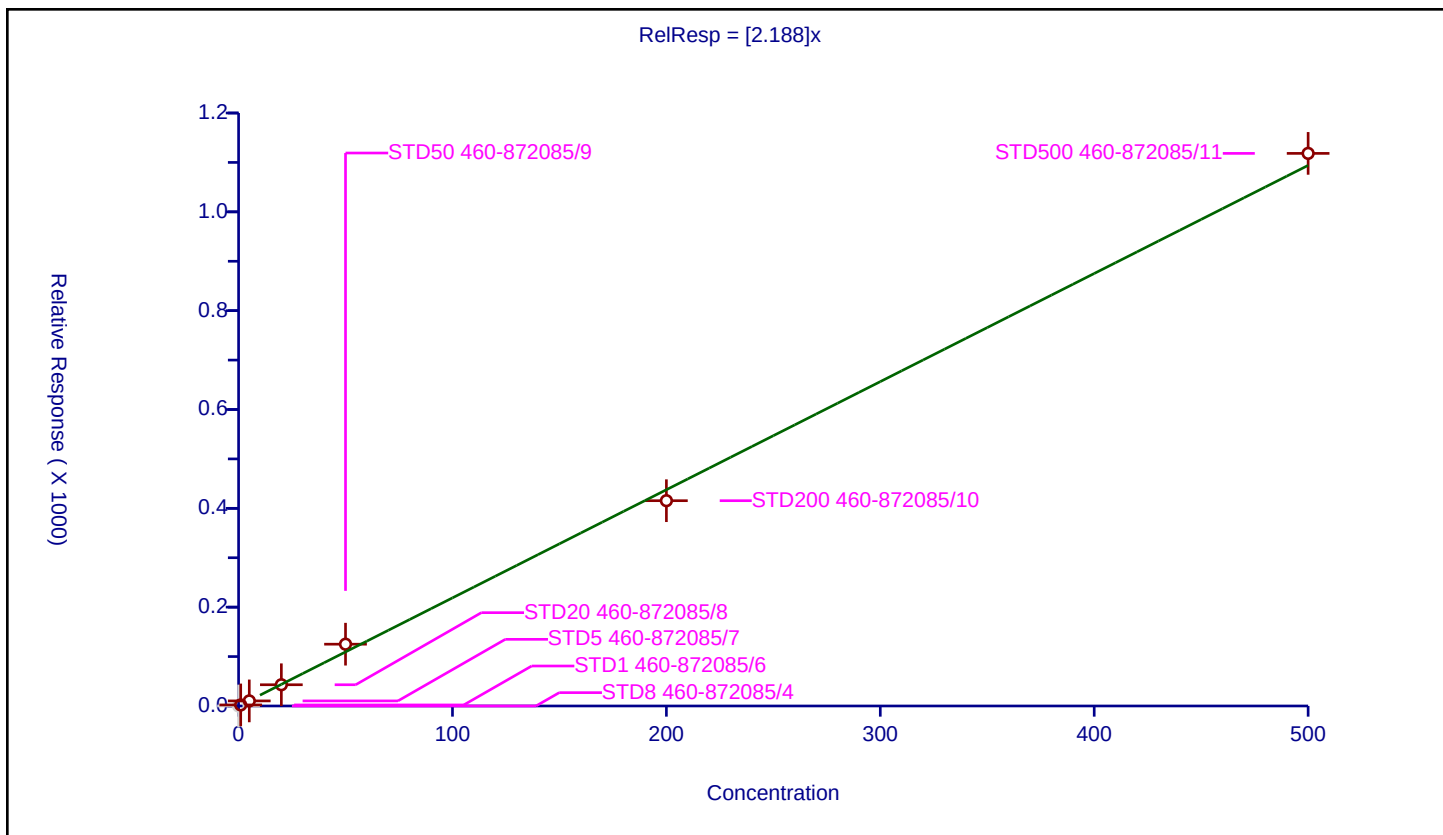
Curve Coefficients

Intercept: 0
 Slope: 2.188

Error Coefficients

Standard Error: 1690000
 Relative Standard Error: 7.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.10718	50.0	157343.0	2.10718	Y
3	STD5 460-872085/7	5.0	10.283434	50.0	150723.0	2.056687	Y
4	STD20 460-872085/8	20.0	42.978273	50.0	149721.0	2.148914	Y
5	STD50 460-872085/9	50.0	125.077138	50.0	133851.0	2.501543	Y
6	STD200 460-872085/10	200.0	415.446454	50.0	158975.0	2.077232	Y
7	STD500 460-872085/11	500.0	1118.319848	50.0	158069.0	2.23664	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

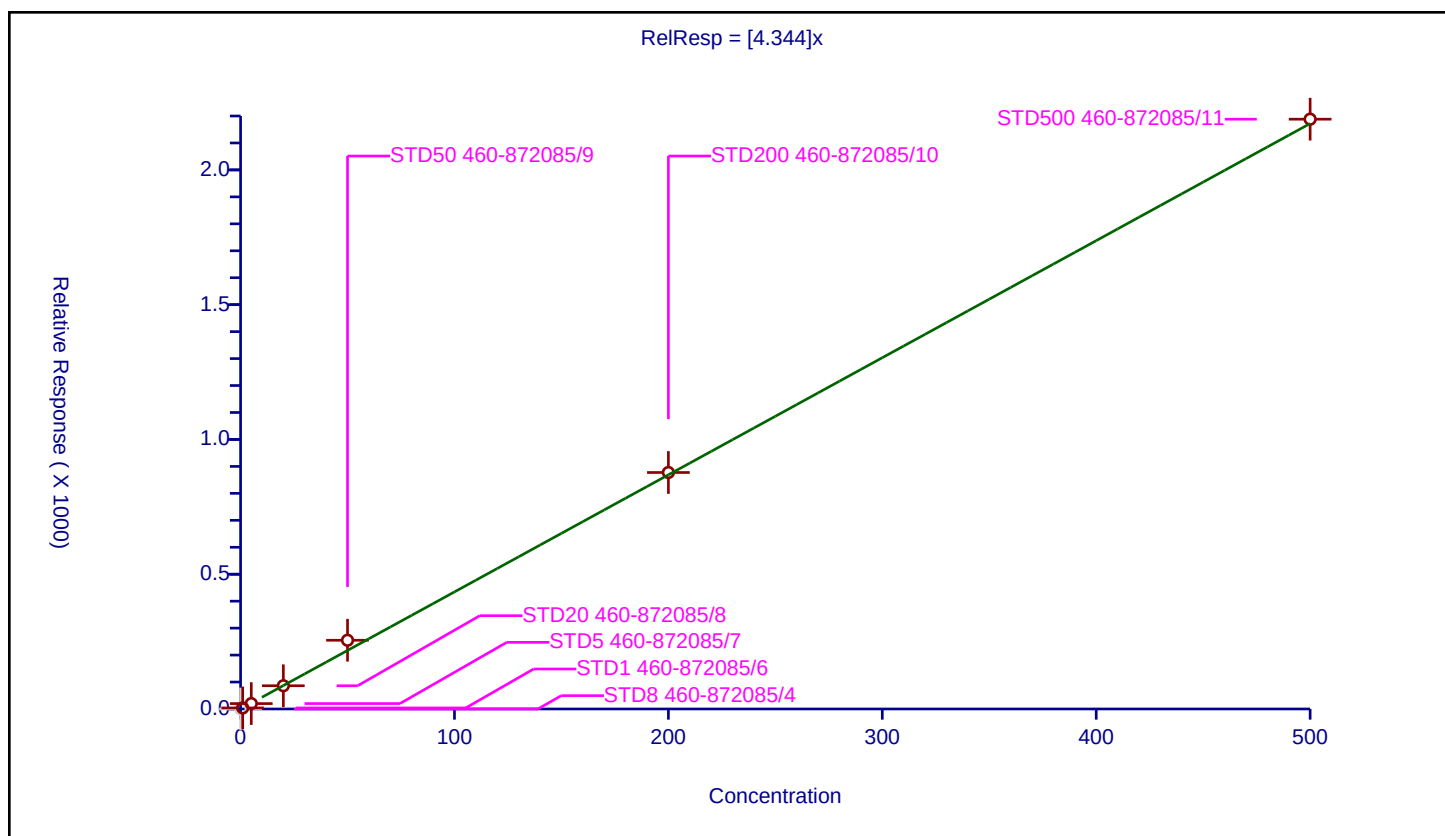
Curve Coefficients

Intercept: 0
 Slope: 4.344

Error Coefficients

Standard Error: 3350000
 Relative Standard Error: 9.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.878152	50.0	157343.0	3.878152	Y
3	STD5 460-872085/7	5.0	20.044054	50.0	150723.0	4.008811	Y
4	STD20 460-872085/8	20.0	86.257439	50.0	149721.0	4.312872	Y
5	STD50 460-872085/9	50.0	255.046283	50.0	133851.0	5.100926	Y
6	STD200 460-872085/10	200.0	877.370656	50.0	158975.0	4.386853	Y
7	STD500 460-872085/11	500.0	2188.263037	50.0	158069.0	4.376526	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

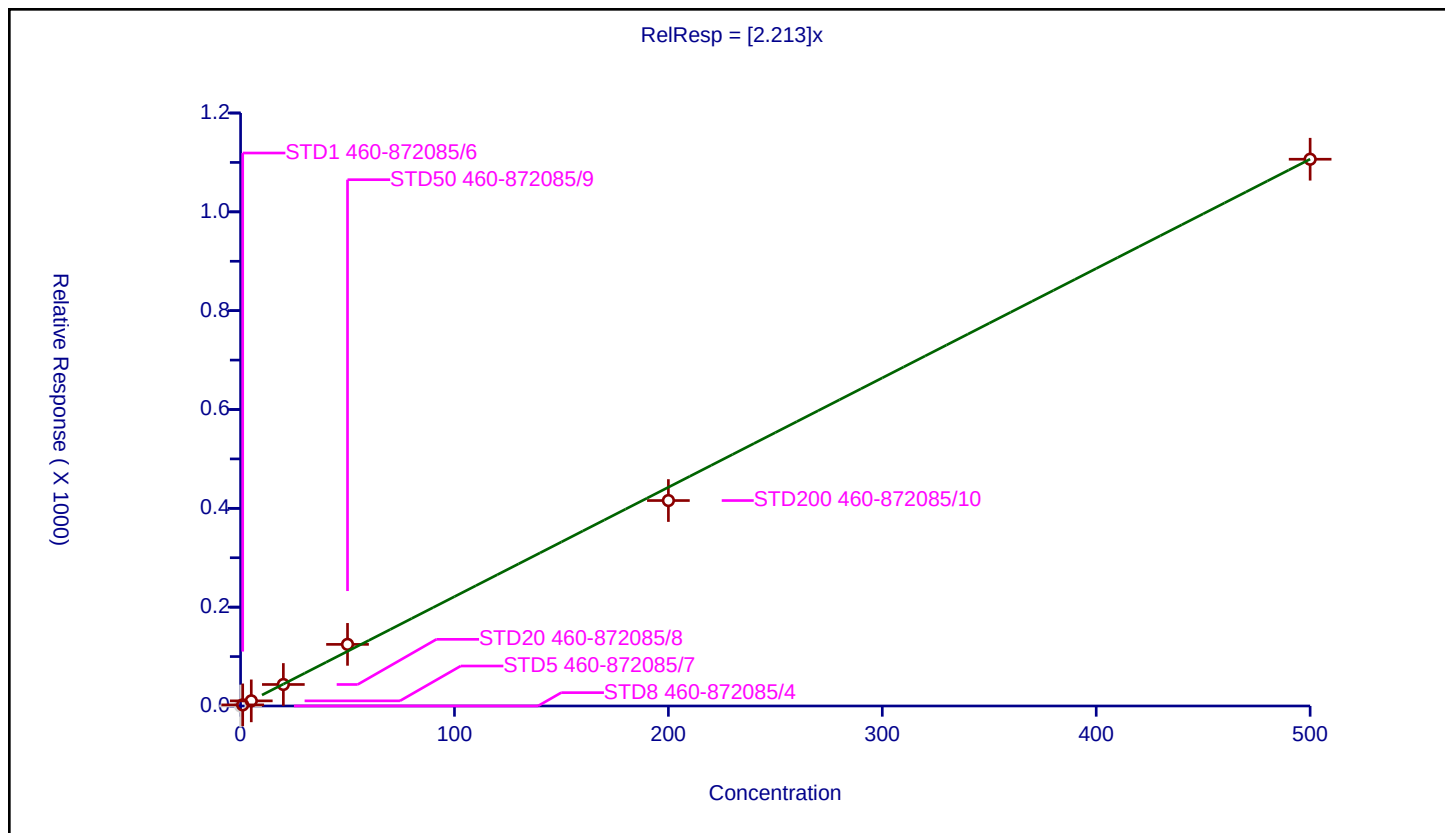
Curve Coefficients

Intercept: 0
 Slope: 2.213

Error Coefficients

Standard Error: 1680000
 Relative Standard Error: 6.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.235562	50.0	157343.0	2.235562	Y
3	STD5 460-872085/7	5.0	10.411152	50.0	150723.0	2.08223	Y
4	STD20 460-872085/8	20.0	43.531636	50.0	149721.0	2.176582	Y
5	STD50 460-872085/9	50.0	124.668475	50.0	133851.0	2.493369	Y
6	STD200 460-872085/10	200.0	415.785186	50.0	158975.0	2.078926	Y
7	STD500 460-872085/11	500.0	1106.451297	50.0	158069.0	2.212903	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

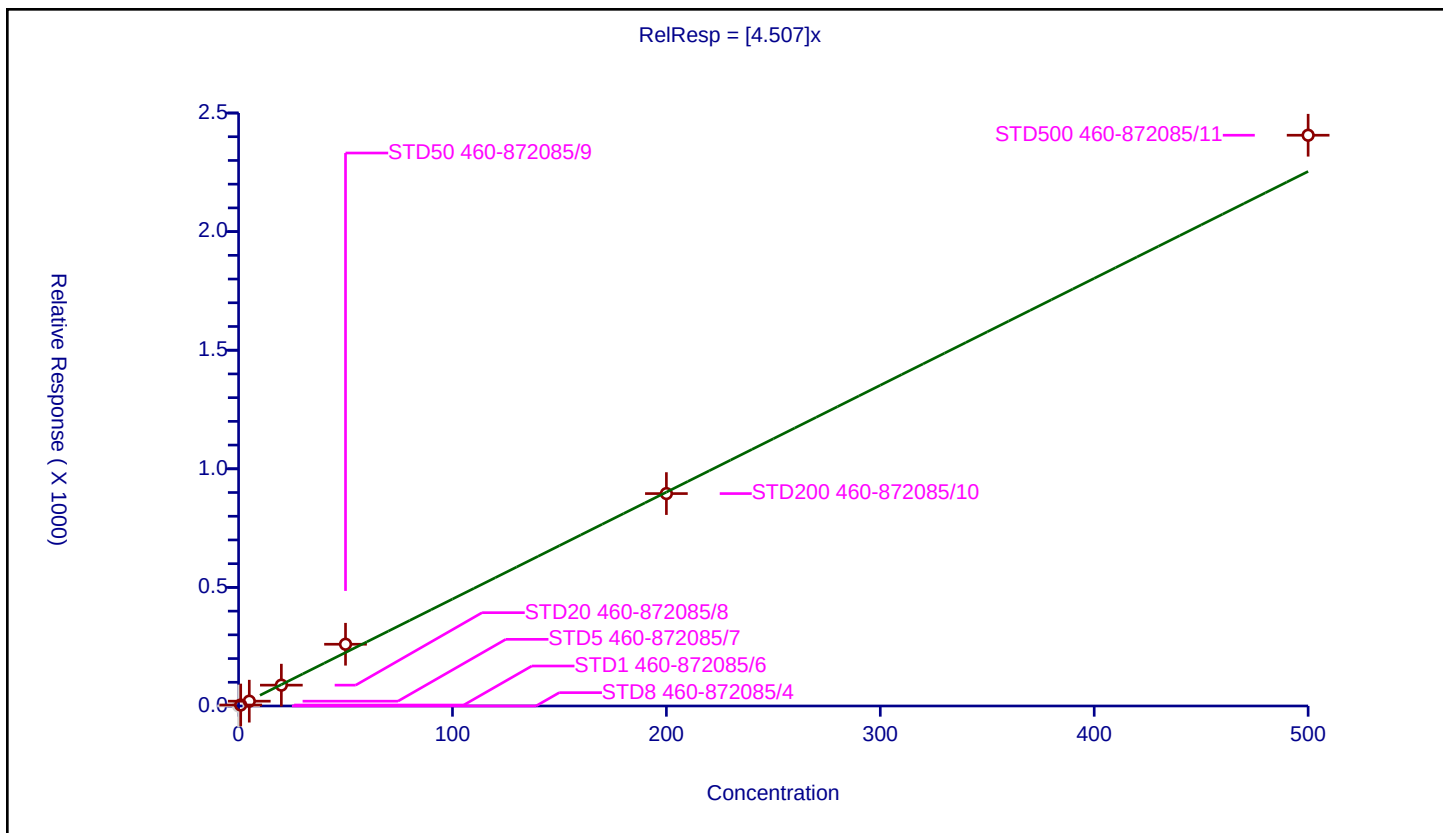
Curve Coefficients

Intercept: 0
Slope: 4.507

Error Coefficients

Standard Error: 3650000
Relative Standard Error: 9.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	4.09424	50.0	157343.0	4.09424	Y
3	STD5 460-872085/7	5.0	20.304134	50.0	150723.0	4.060827	Y
4	STD20 460-872085/8	20.0	87.813667	50.0	149721.0	4.390683	Y
5	STD50 460-872085/9	50.0	260.37721	50.0	133851.0	5.207544	Y
6	STD200 460-872085/10	200.0	895.544582	50.0	158975.0	4.477723	Y
7	STD500 460-872085/11	500.0	2406.360513	50.0	158069.0	4.812721	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

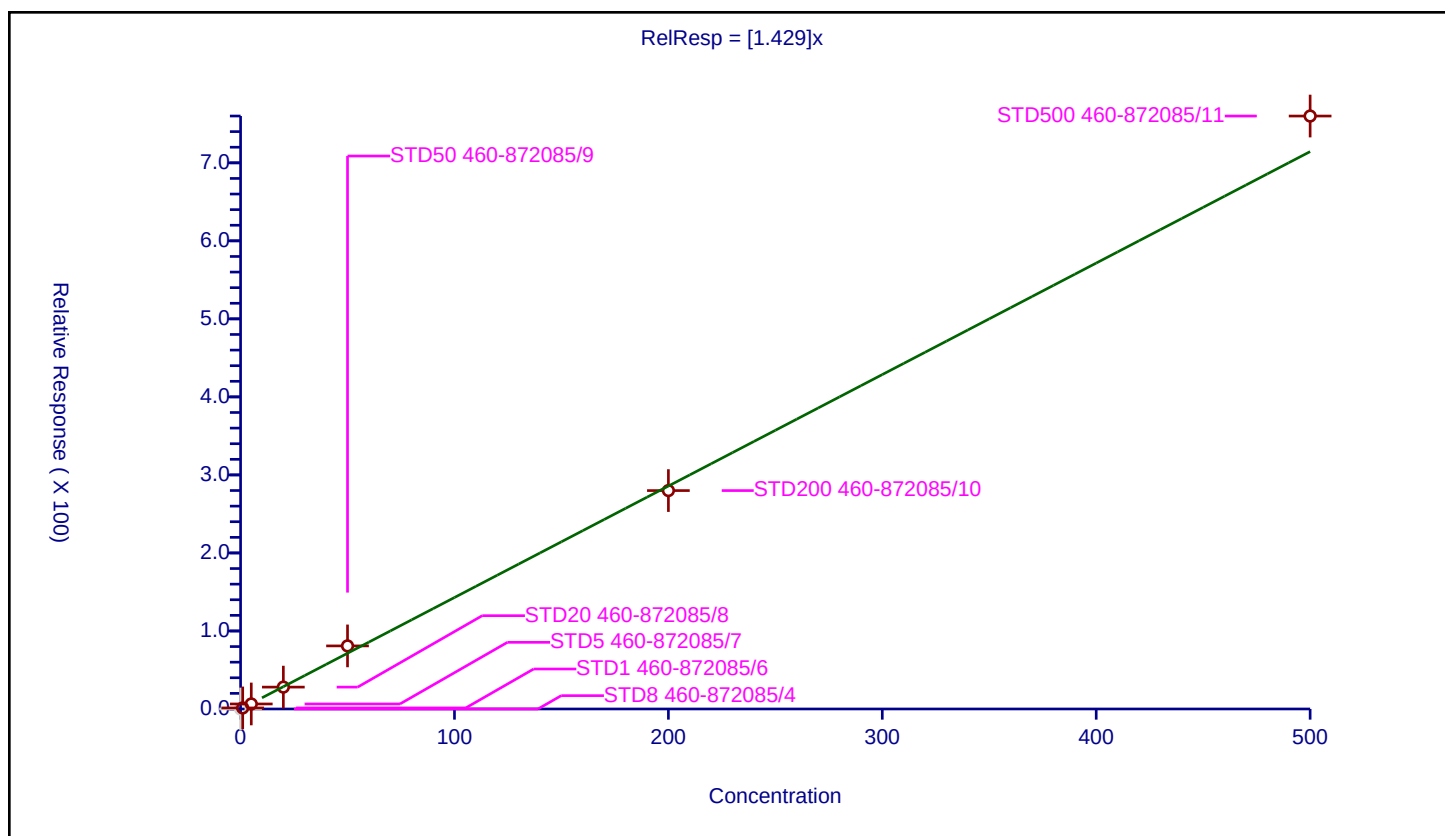
Curve Coefficients

Intercept: 0
 Slope: 1.429

Error Coefficients

Standard Error: 1150000
 Relative Standard Error: 8.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.347375	50.0	157343.0	1.347375	Y
3	STD5 460-872085/7	5.0	6.433656	50.0	150723.0	1.286731	Y
4	STD20 460-872085/8	20.0	28.040155	50.0	149721.0	1.402008	Y
5	STD50 460-872085/9	50.0	80.831297	50.0	133851.0	1.616626	Y
6	STD200 460-872085/10	200.0	279.943387	50.0	158975.0	1.399717	Y
7	STD500 460-872085/11	500.0	759.971278	50.0	158069.0	1.519943	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

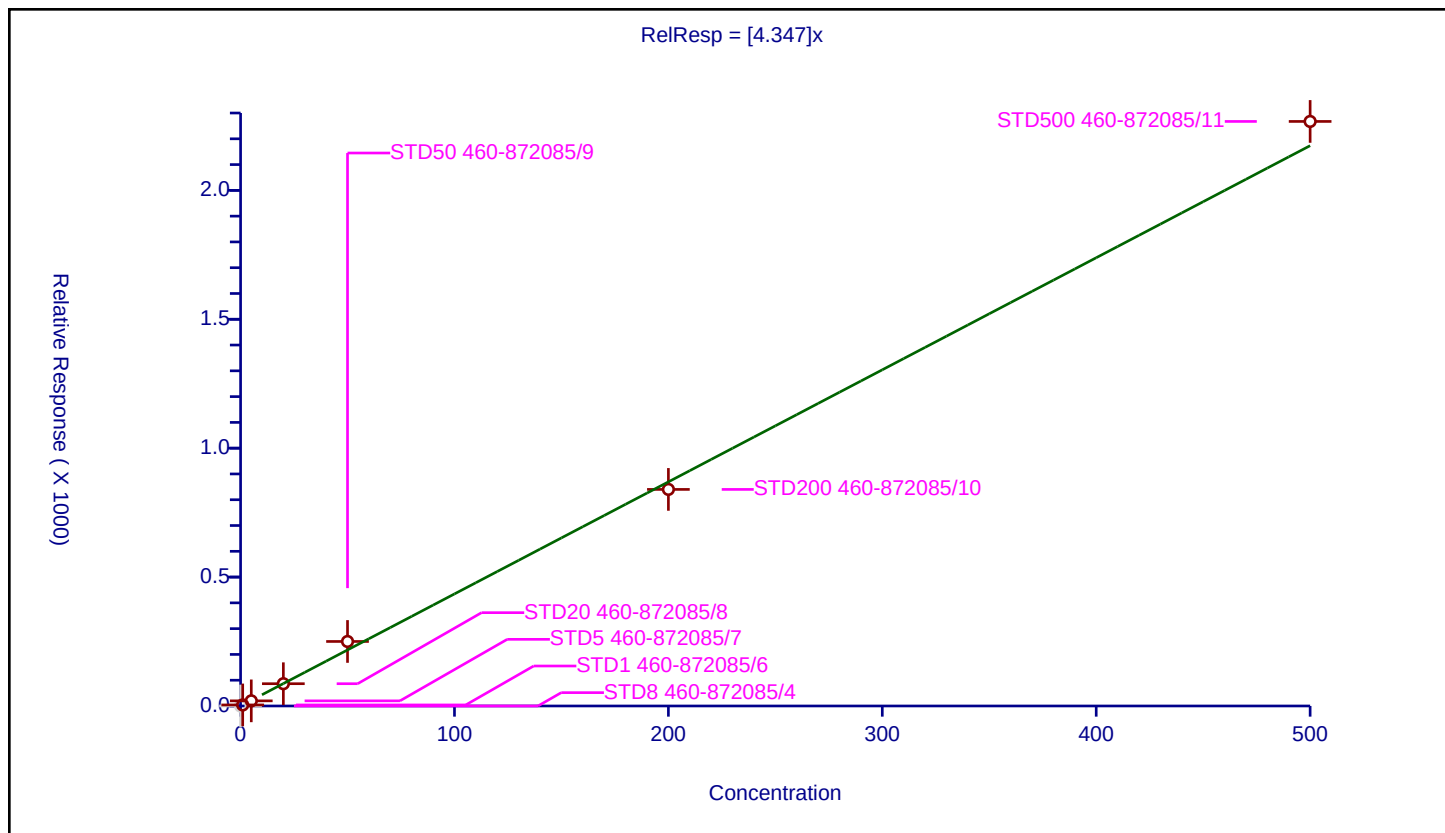
Curve Coefficients

Intercept: 0
 Slope: 4.347

Error Coefficients

Standard Error: 3430000
 Relative Standard Error: 8.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	4.037358	50.0	157343.0	4.037358	Y
3	STD5 460-872085/7	5.0	19.908375	50.0	150723.0	3.981675	Y
4	STD20 460-872085/8	20.0	86.427422	50.0	149721.0	4.321371	Y
5	STD50 460-872085/9	50.0	250.209188	50.0	133851.0	5.004184	Y
6	STD200 460-872085/10	200.0	840.074226	50.0	158975.0	4.200371	Y
7	STD500 460-872085/11	500.0	2267.283275	50.0	158069.0	4.534567	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

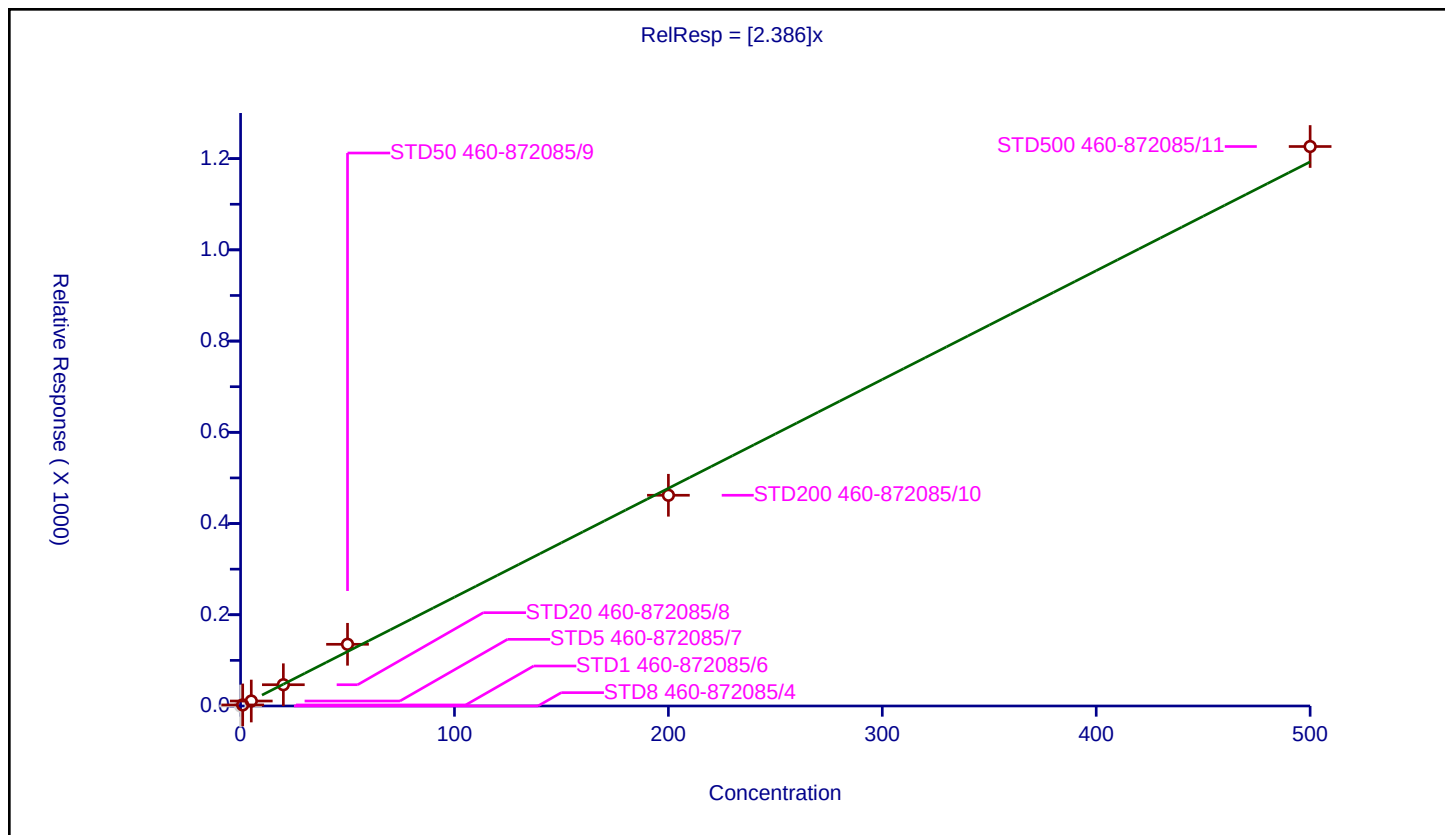
Curve Coefficients

Intercept: 0
 Slope: 2.386

Error Coefficients

Standard Error: 1860000
 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	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.335026	50.0	157343.0	2.335026	Y
3	STD5 460-872085/7	5.0	10.899133	50.0	150723.0	2.179827	Y
4	STD20 460-872085/8	20.0	46.637746	50.0	149721.0	2.331887	Y
5	STD50 460-872085/9	50.0	135.276912	50.0	133851.0	2.705538	Y
6	STD200 460-872085/10	200.0	462.020758	50.0	158975.0	2.310104	Y
7	STD500 460-872085/11	500.0	1226.55992	50.0	158069.0	2.45312	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

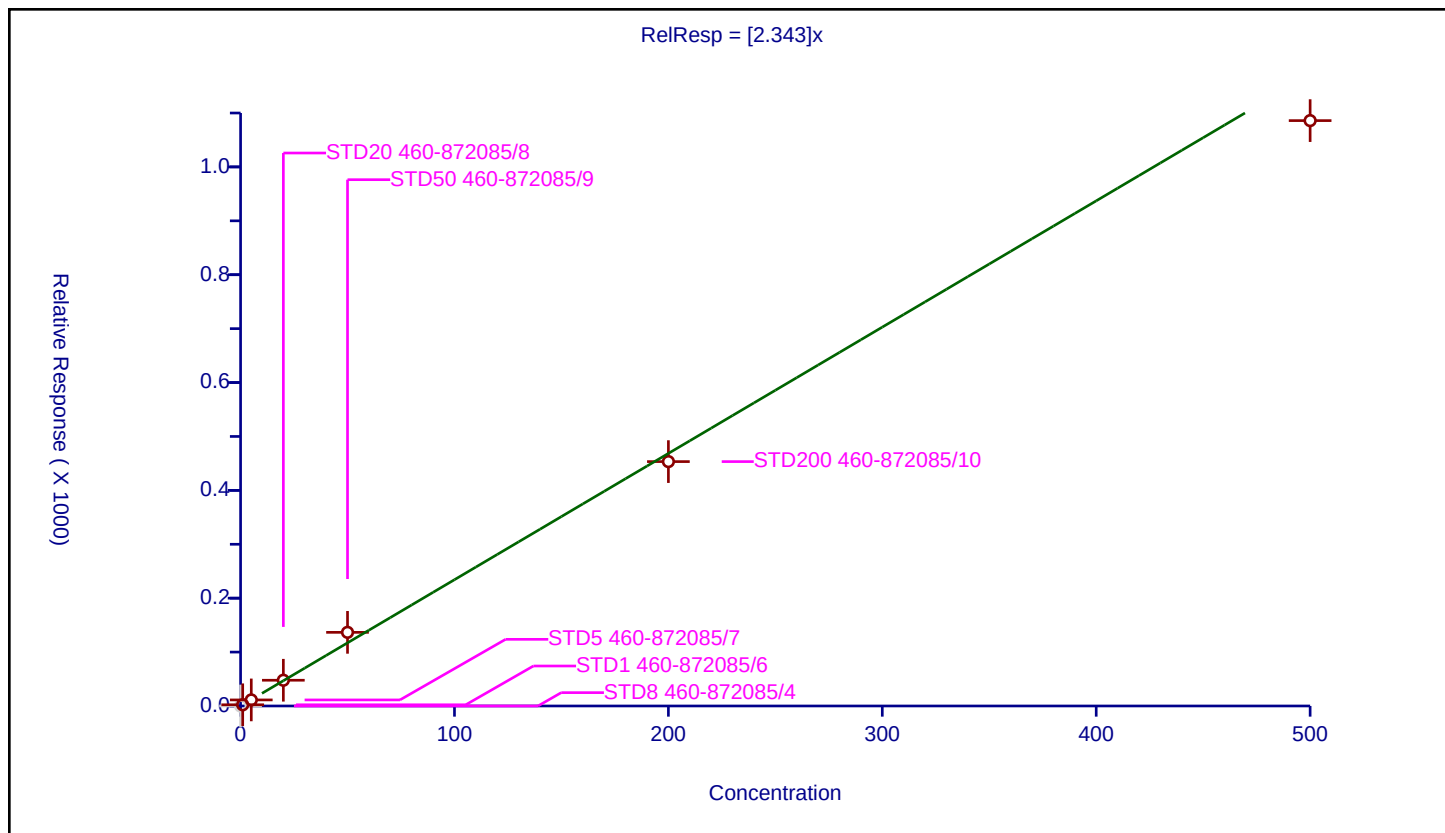
Curve Coefficients

Intercept: 0
 Slope: 2.343

Error Coefficients

Standard Error: 1670000
 Relative Standard Error: 8.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.248908	50.0	157343.0	2.248908	Y
3	STD5 460-872085/7	5.0	11.238829	50.0	150723.0	2.247766	Y
4	STD20 460-872085/8	20.0	47.769184	50.0	149721.0	2.388459	Y
5	STD50 460-872085/9	50.0	136.611979	50.0	133851.0	2.73224	Y
6	STD200 460-872085/10	200.0	453.365624	50.0	158975.0	2.266828	Y
7	STD500 460-872085/11	500.0	1085.883064	50.0	158069.0	2.171766	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

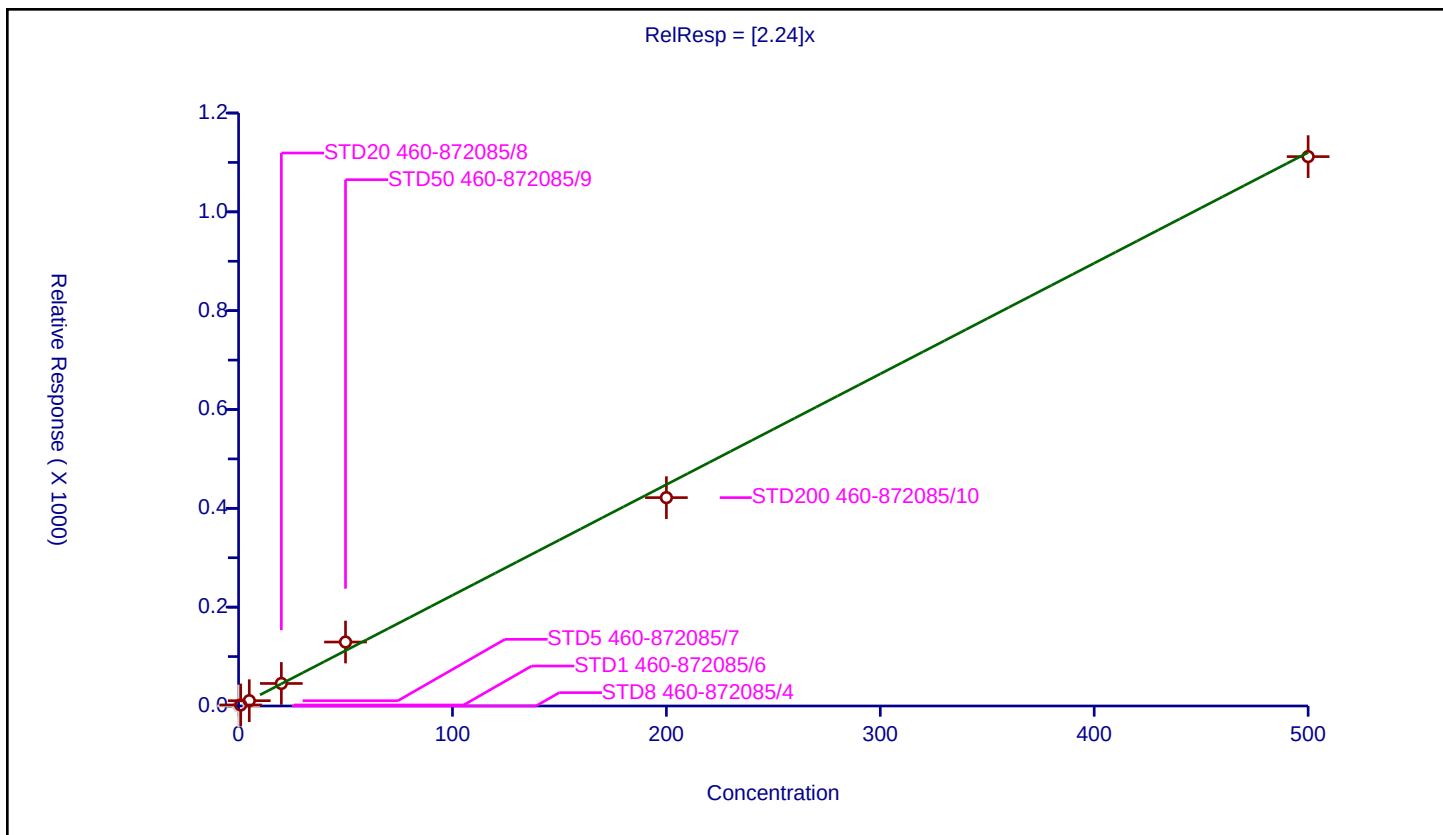
Curve Coefficients

Intercept: 0
 Slope: 2.24

Error Coefficients

Standard Error: 1690000
 Relative Standard Error: 8.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	2.097329	50.0	157343.0	2.097329	Y
3	STD5 460-872085/7	5.0	10.722982	50.0	150723.0	2.144596	Y
4	STD20 460-872085/8	20.0	45.57143	50.0	149721.0	2.278571	Y
5	STD50 460-872085/9	50.0	129.44244	50.0	133851.0	2.588849	Y
6	STD200 460-872085/10	200.0	421.651518	50.0	158975.0	2.108258	Y
7	STD500 460-872085/11	500.0	1111.785676	50.0	158069.0	2.223571	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

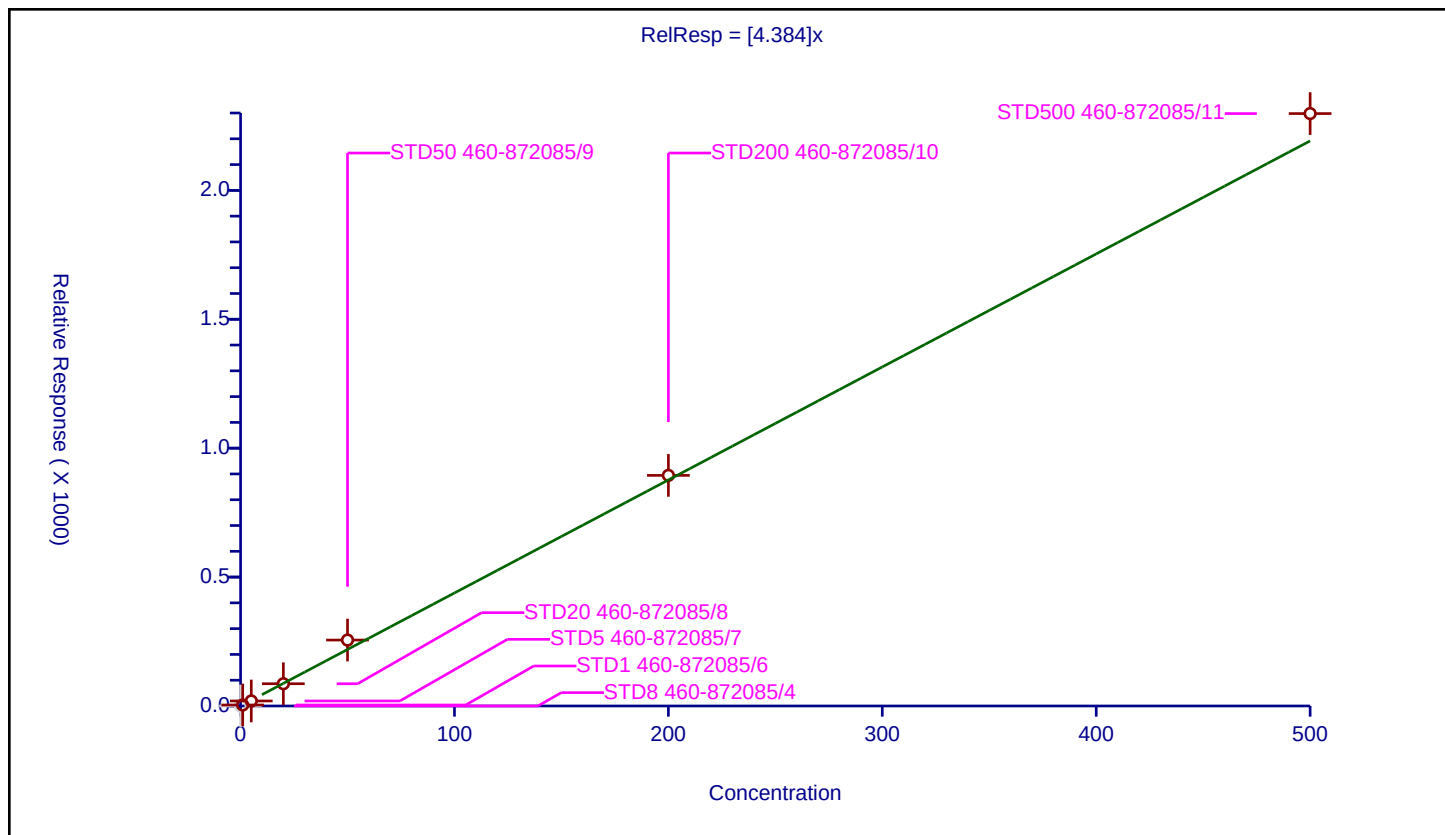
Curve Coefficients

Intercept: 0
 Slope: 4.384

Error Coefficients

Standard Error: 3500000
 Relative Standard Error: 10.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	3.900078	50.0	157343.0	3.900078	Y
3	STD5 460-872085/7	5.0	19.514275	50.0	150723.0	3.902855	Y
4	STD20 460-872085/8	20.0	86.299183	50.0	149721.0	4.314959	Y
5	STD50 460-872085/9	50.0	255.779561	50.0	133851.0	5.115591	Y
6	STD200 460-872085/10	200.0	894.469885	50.0	158975.0	4.472349	Y
7	STD500 460-872085/11	500.0	2297.787675	50.0	158069.0	4.595575	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

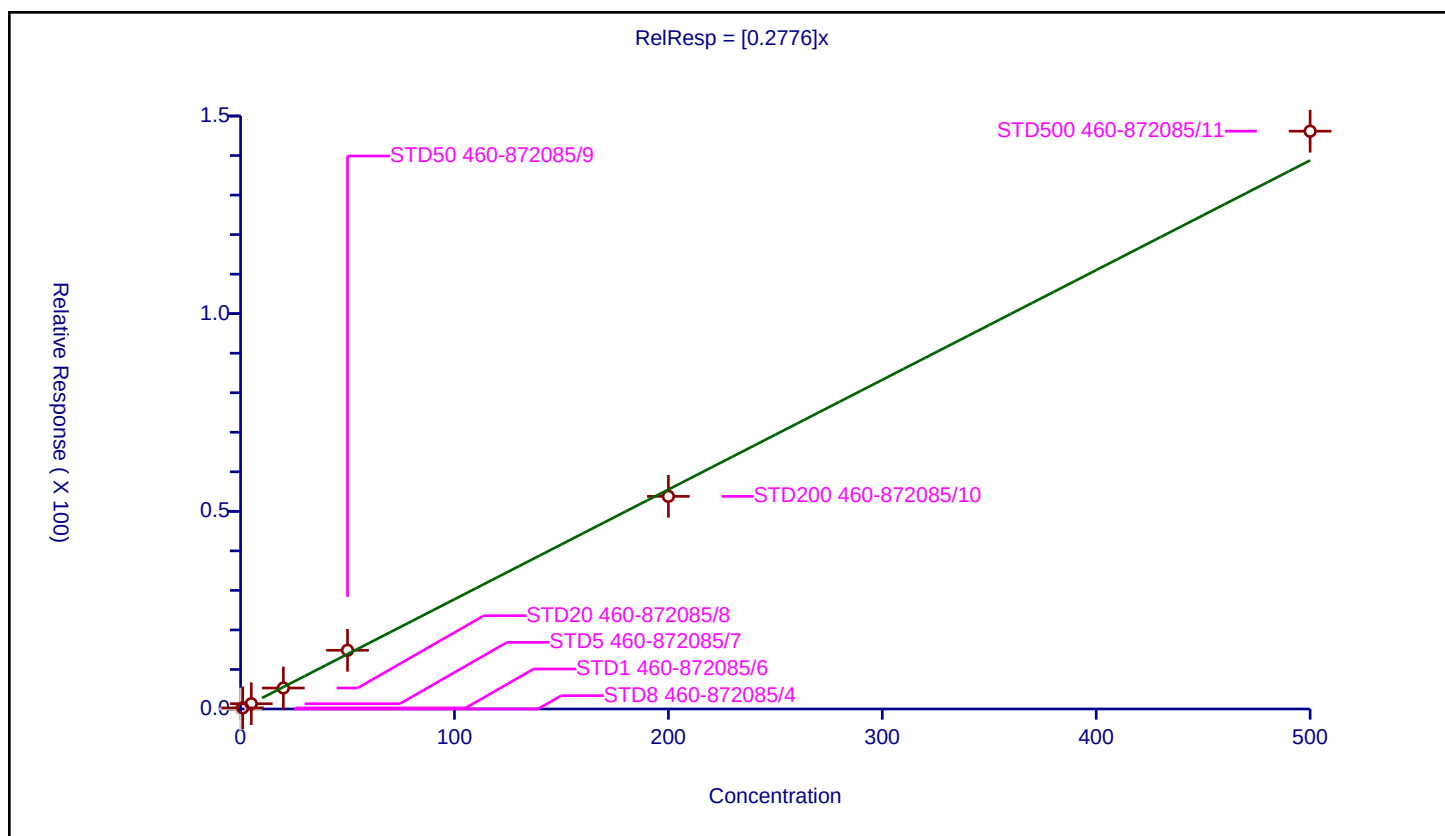
Curve Coefficients

Intercept: 0
Slope: 0.2776

Error Coefficients

Standard Error: 221000
Relative Standard Error: 5.0
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	0.275195	50.0	157343.0	0.275195	Y
3	STD5 460-872085/7	5.0	1.333904	50.0	150723.0	0.266781	Y
4	STD20 460-872085/8	20.0	5.302529	50.0	149721.0	0.265126	Y
5	STD50 460-872085/9	50.0	14.8486	50.0	133851.0	0.296972	Y
6	STD200 460-872085/10	200.0	53.787073	50.0	158975.0	0.268935	Y
7	STD500 460-872085/11	500.0	146.160854	50.0	158069.0	0.292322	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

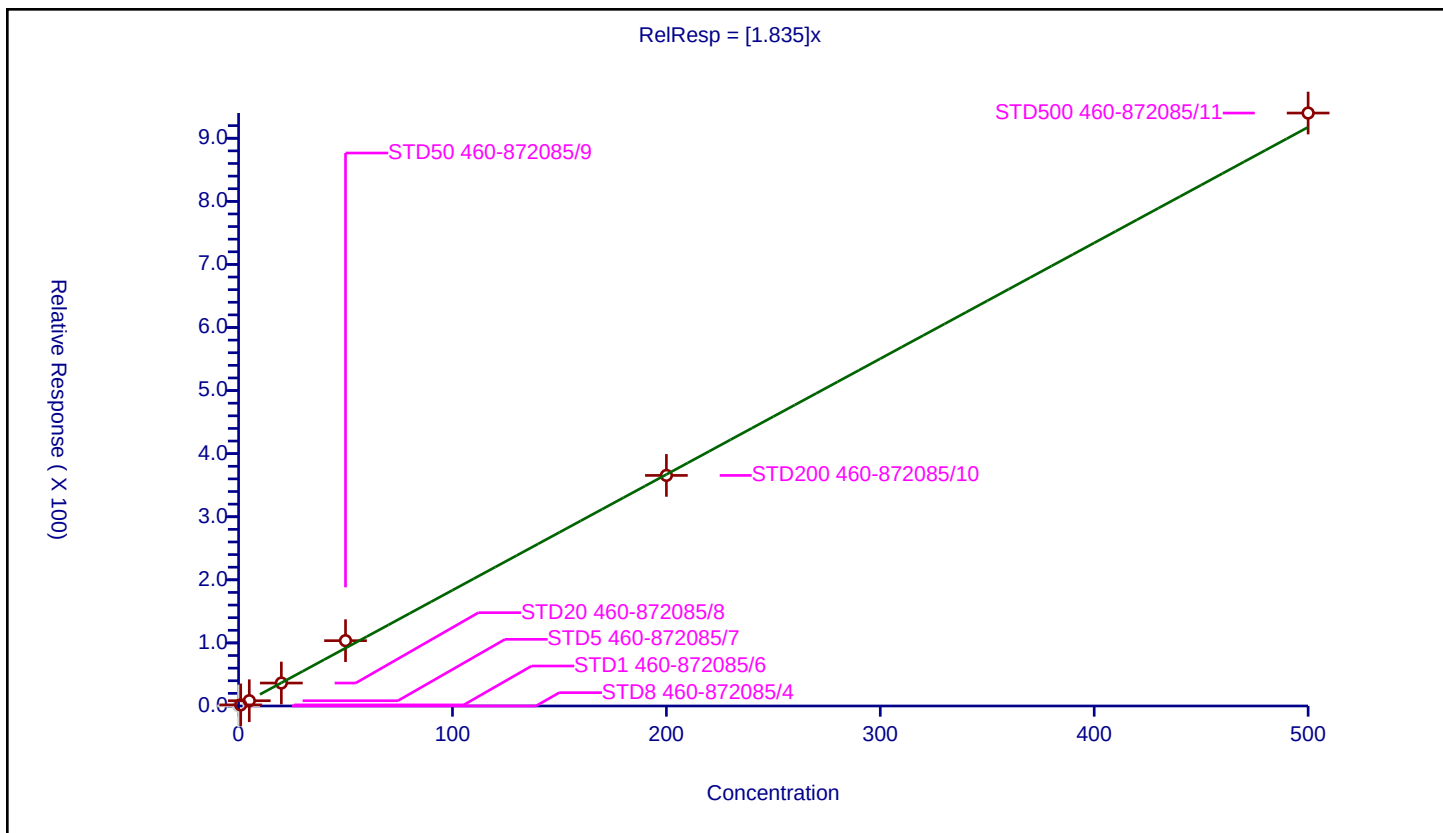
Curve Coefficients

Intercept: 0
 Slope: 1.835

Error Coefficients

Standard Error: 1430000
 Relative Standard Error: 7.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.743961	50.0	157343.0	1.743961	Y
3	STD5 460-872085/7	5.0	8.353072	50.0	150723.0	1.670614	Y
4	STD20 460-872085/8	20.0	36.36898	50.0	149721.0	1.818449	Y
5	STD50 460-872085/9	50.0	103.538636	50.0	133851.0	2.070773	Y
6	STD200 460-872085/10	200.0	365.497405	50.0	158975.0	1.827487	Y
7	STD500 460-872085/11	500.0	939.955652	50.0	158069.0	1.879911	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

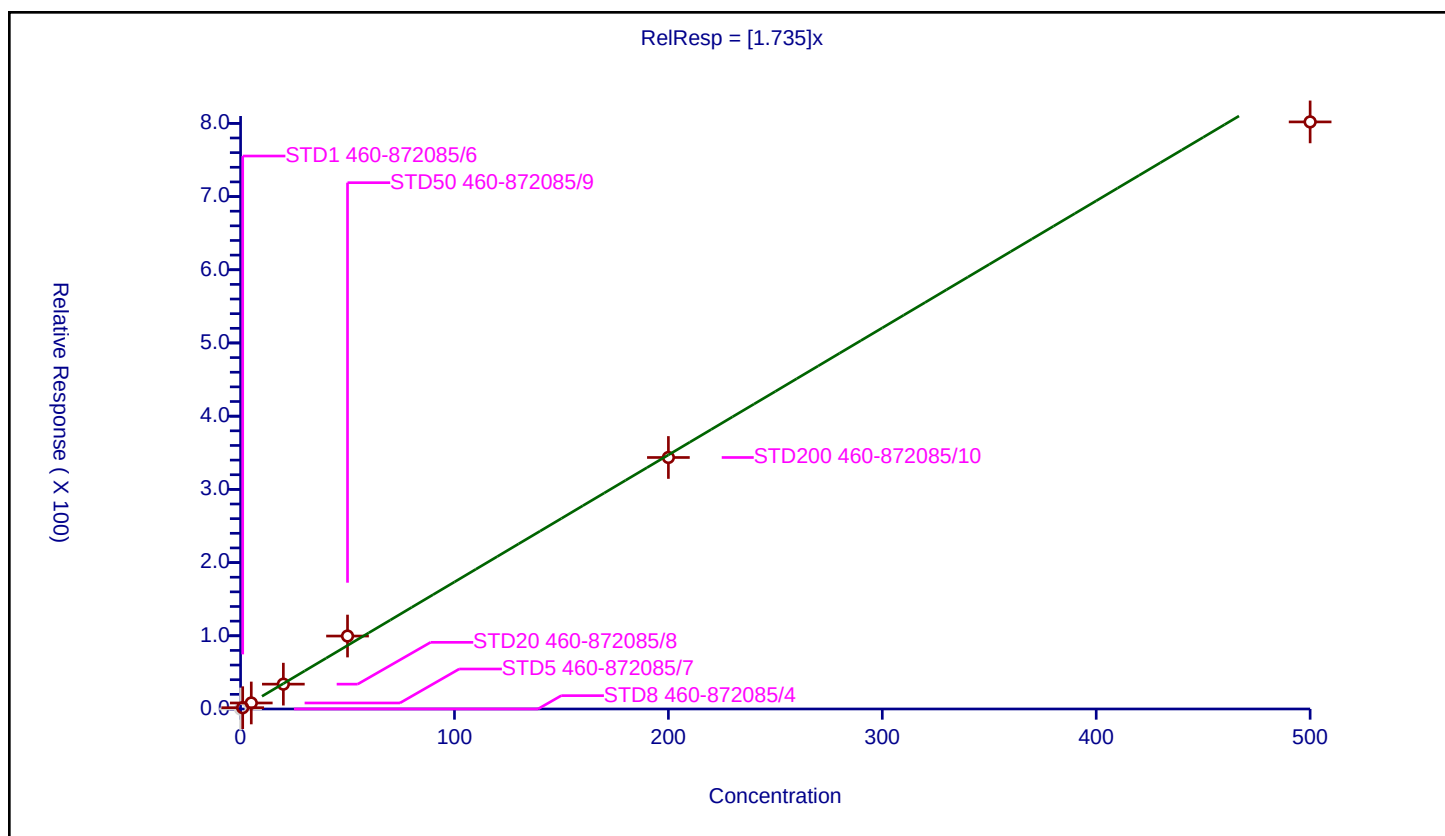
Curve Coefficients

Intercept: 0
 Slope: 1.735

Error Coefficients

Standard Error: 1240000
 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	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.75413	50.0	157343.0	1.75413	Y
3	STD5 460-872085/7	5.0	8.231988	50.0	150723.0	1.646398	Y
4	STD20 460-872085/8	20.0	33.94447	50.0	149721.0	1.697224	Y
5	STD50 460-872085/9	50.0	99.634295	50.0	133851.0	1.992686	Y
6	STD200 460-872085/10	200.0	343.554647	50.0	158975.0	1.717773	Y
7	STD500 460-872085/11	500.0	801.952628	50.0	158069.0	1.603905	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

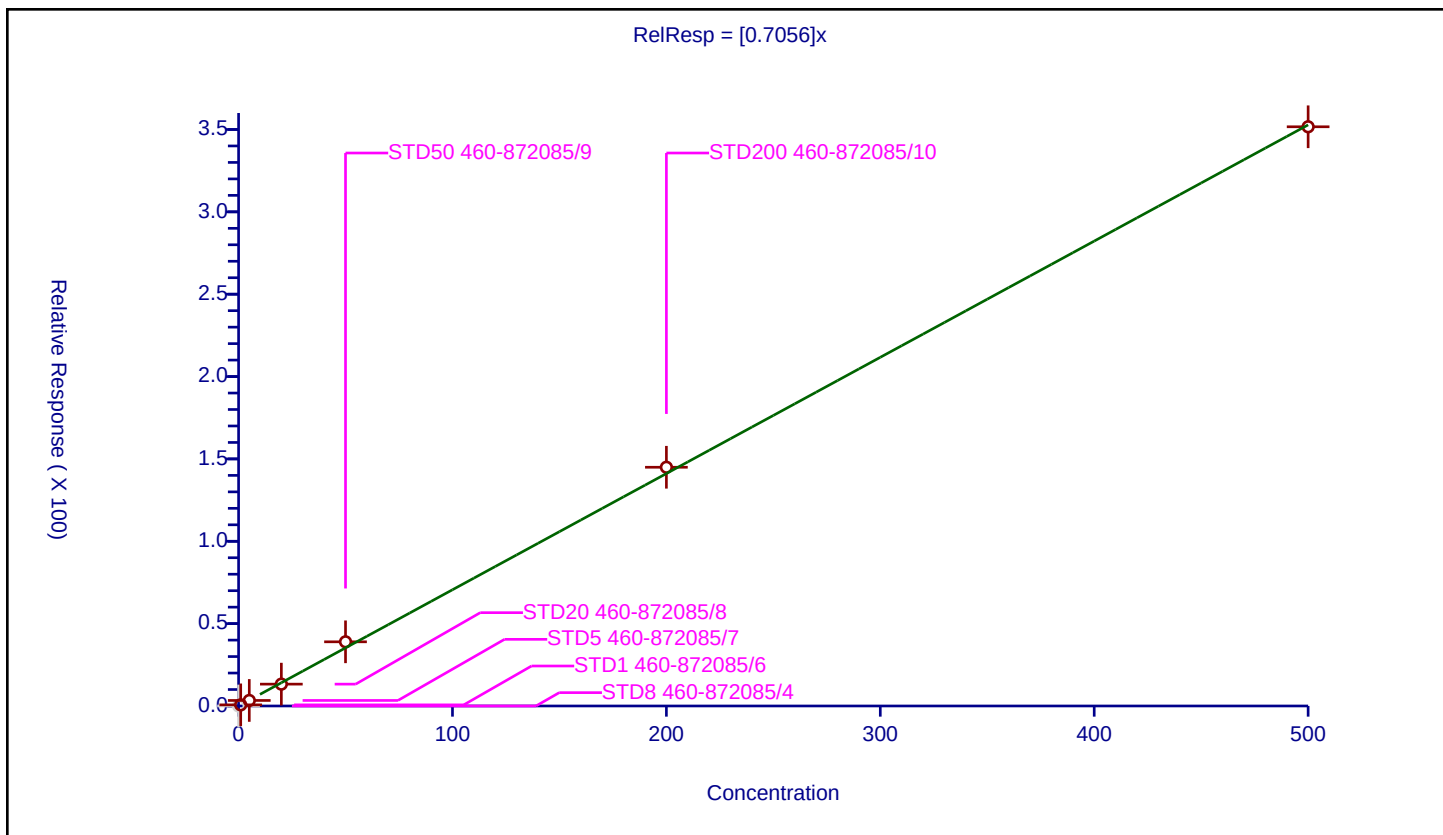
Curve Coefficients

Intercept: 0
 Slope: 0.7056

Error Coefficients

Standard Error: 540000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	0.692436	50.0	157343.0	0.692436	Y
3	STD5 460-872085/7	5.0	3.352508	50.0	150723.0	0.670502	Y
4	STD20 460-872085/8	20.0	13.27035	50.0	149721.0	0.663517	Y
5	STD50 460-872085/9	50.0	38.959365	50.0	133851.0	0.779187	Y
6	STD200 460-872085/10	200.0	144.934109	50.0	158975.0	0.724671	Y
7	STD500 460-872085/11	500.0	351.641372	50.0	158069.0	0.703283	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

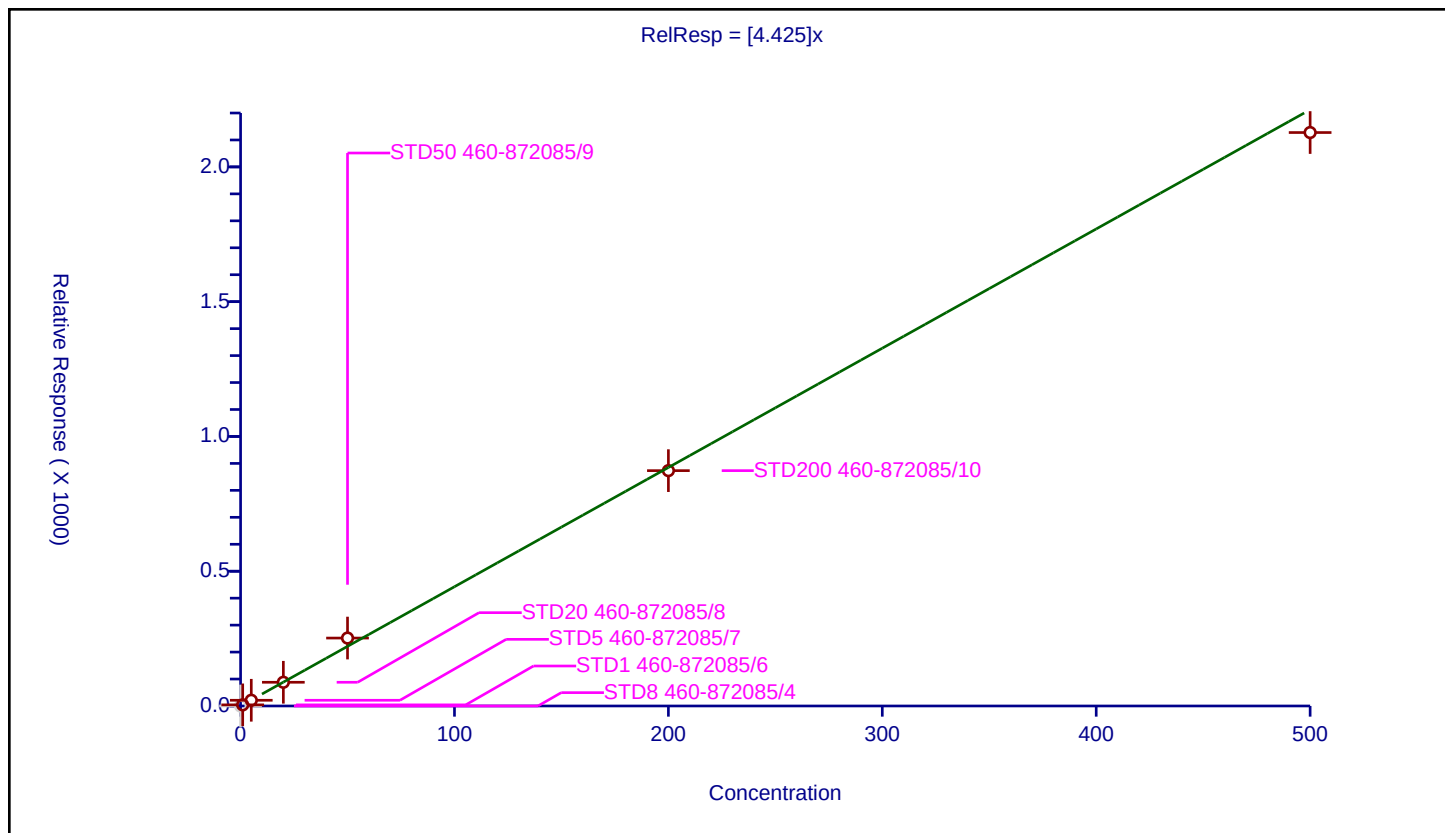
Curve Coefficients

Intercept: 0
 Slope: 4.425

Error Coefficients

Standard Error: 3270000
 Relative Standard Error: 7.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	4.2401	50.0	157343.0	4.2401	Y
3	STD5 460-872085/7	5.0	21.236308	50.0	150723.0	4.247262	Y
4	STD20 460-872085/8	20.0	87.990663	50.0	149721.0	4.399533	Y
5	STD50 460-872085/9	50.0	251.992141	50.0	133851.0	5.039843	Y
6	STD200 460-872085/10	200.0	873.128479	50.0	158975.0	4.365642	Y
7	STD500 460-872085/11	500.0	2127.565494	50.0	158069.0	4.255131	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

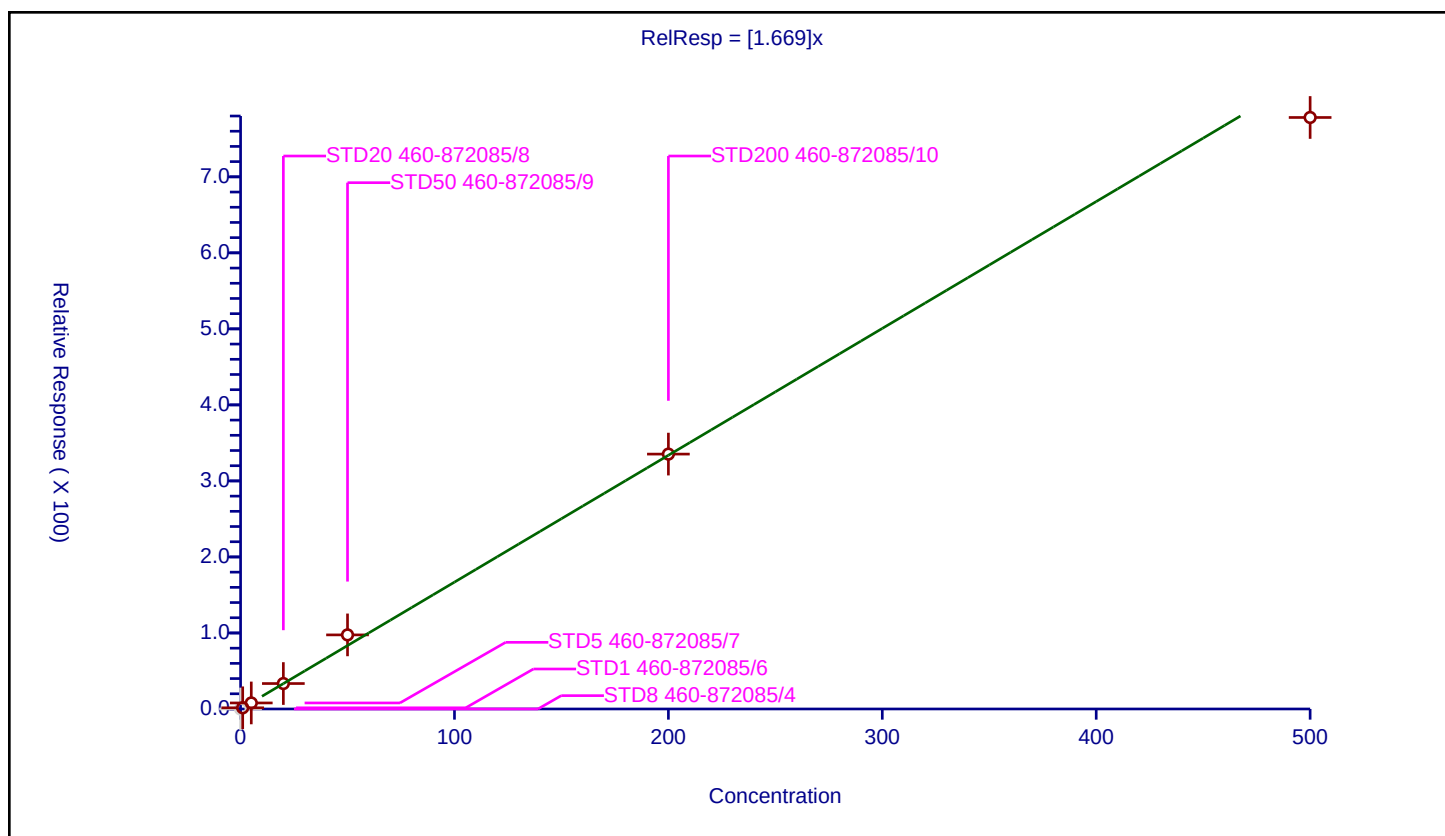
Curve Coefficients

Intercept: 0
 Slope: 1.669

Error Coefficients

Standard Error: 1210000
 Relative Standard Error: 8.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-872085/4	0.0	0.0	50.0	242027.0	NaN	N
2	STD1 460-872085/6	1.0	1.567594	50.0	157343.0	1.567594	Y
3	STD5 460-872085/7	5.0	7.943048	50.0	150723.0	1.58861	Y
4	STD20 460-872085/8	20.0	33.471257	50.0	149721.0	1.673563	Y
5	STD50 460-872085/9	50.0	97.476298	50.0	133851.0	1.949526	Y
6	STD200 460-872085/10	200.0	335.287624	50.0	158975.0	1.676438	Y
7	STD500 460-872085/11	500.0	778.084254	50.0	158069.0	1.556169	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-874641/17 Calibration Date: 10/28/2022 14:33

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0157		15.8	20.0	-20.8	30.0
Chlorotrifluoroethene	QuaF		0.0351		14.4	20.0	-28.0	30.0
1,1-Difluoroethane	Ave	0.1217	0.1234		20.3	20.0	1.4	30.0
Dichlorodifluoromethane	Ave	0.2732	0.1765	0.1000	12.9	20.0	-35.4*	30.0
Chlorodifluoromethane	Ave	0.0488	0.0475		19.5	20.0	-2.7	30.0
Chloromethane	Ave	0.3089	0.2691	0.1000	17.4	20.0	-12.9	30.0
Vinyl chloride	Ave	0.3189	0.3160	0.1000	19.8	20.0	-0.9	30.0
Butadiene	Ave	0.3324	0.2539		15.3	20.0	-23.6	30.0
Bromomethane	Ave	0.3913	0.3815	0.1000	19.5	20.0	-2.5	30.0
Chloroethane	Ave	1.545	1.839	0.1000	23.8	20.0	19.0	30.0
Dichlorofluoromethane	Ave	0.4924	0.4668		19.0	20.0	-5.2	30.0
Trichlorofluoromethane	Ave	0.3378	0.3222	0.1000	19.1	20.0	-4.6	30.0
Pentane	Ave	0.0451	0.0518		46.0	40.0	15.0	30.0
Ethanol	Ave	0.3287	0.3321		808	800	1.1	30.0
Ethyl ether	Ave	0.2138	0.2028		19.0	20.0	-5.2	30.0
2-Methyl-1,3-butadiene	Ave	0.2427	0.2642		21.8	20.0	8.9	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1787	0.1925		21.5	20.0	7.7	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3396	0.3721		21.9	20.0	9.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2081	0.2140	0.1000	20.6	20.0	2.8	30.0
Acrolein	Ave	8.620	11.44		53.2	40.1	32.7*	30.0
1,1-Dichloroethene	Ave	0.2200	0.2219	0.1000	20.2	20.0	0.9	30.0
Acetone	Lin2		0.5135	0.0500	95.3	100	-4.7	30.0
Iodomethane	QuaF		0.1226		11.5	20.0	-42.4*	30.0
Carbon disulfide	Ave	0.7778	0.7987	0.1000	20.5	20.0	2.7	30.0
Isopropyl alcohol	Lin2		3.857		207	200	3.6	30.0
3-Chloro-1-propene	Ave	0.1538	0.1622		21.1	20.0	5.5	30.0
Cyclopentene	Ave	0.5679	0.6522		23.0	20.0	14.8	30.0
Methyl acetate	Ave	0.1933	0.1762	0.1000	36.4	40.0	-8.9	30.0
Acetonitrile	Ave	0.2361	0.2430		206	200	2.9	30.0
Methylene Chloride	Ave	0.2699	0.2599	0.1000	19.3	20.0	-3.7	30.0
2-Methyl-2-propanol	Ave	6.140	5.927		193	200	-3.5	30.0
Methyl tert-butyl ether	Ave	0.6827	0.6416	0.1000	18.8	20.0	-6.0	30.0
trans-1,2-Dichloroethene	Ave	0.2628	0.2506	0.1000	19.1	20.0	-4.6	30.0
Acrylonitrile	Ave	0.0968	0.0868		179	200	-10.3	30.0
Hexane	Ave	0.2938	0.3050		20.8	20.0	3.8	30.0
Isopropyl ether	Ave	0.8363	0.8283		19.8	20.0	-1.0	30.0
1,1-Dichloroethane	Ave	0.5063	0.4943	0.2000	19.5	20.0	-2.4	30.0
Vinyl acetate	Ave	0.3967	0.3802		38.3	40.0	-4.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2250	0.2363		21.0	20.0	5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-874641/17 Calibration Date: 10/28/2022 14:33

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7498	0.7640		20.4	20.0	1.9	30.0
2,2-Dichloropropane	Ave	0.0912	0.0888		19.5	20.0	-2.6	30.0
cis-1,2-Dichloroethene	Ave	0.2987	0.2774	0.1000	18.6	20.0	-7.2	30.0
2-Butanone (MEK)	Ave	0.2177	0.2076	0.0500	95.3	100	-4.7	30.0
Ethyl acetate	Ave	0.2076	0.2033		39.2	40.0	-2.1	30.0
Methyl acrylate	Ave	0.2339	0.2137		18.3	20.0	-8.7	30.0
Propionitrile	Ave	8.454	8.776		208	200	3.8	30.0
Chlorobromomethane	Ave	0.1137	0.1130		19.9	20.0	-0.6	30.0
Tetrahydrofuran	Ave	0.2451	0.2537		41.4	40.0	3.5	30.0
Methacrylonitrile	Ave	0.1073	0.0994		185	200	-7.3	30.0
Chloroform	Ave	0.4801	0.4646	0.2000	19.4	20.0	-3.2	30.0
Cyclohexane	Ave	0.3394	0.3553	0.1000	20.9	20.0	4.7	30.0
1,1,1-Trichloroethane	Ave	0.3823	0.3889	0.1000	20.3	20.0	1.7	30.0
Carbon tetrachloride	Ave	0.3120	0.3156	0.1000	20.2	20.0	1.2	30.0
1,1-Dichloropropene	Ave	0.3686	0.3706		20.1	20.0	0.5	30.0
Isobutyl alcohol	Ave	3.342	3.447		516	500	3.2	30.0
Isooctane	Ave	0.5386	0.5680		21.1	20.0	5.5	30.0
Benzene	Ave	1.539	1.552	0.5000	20.2	20.0	0.8	30.0
Tert-amyl methyl ether	Ave	0.7035	0.6887		19.6	20.0	-2.1	30.0
Isopropyl acetate	Ave	0.1441	0.1286		17.9	20.0	-10.7	30.0
1,2-Dichloroethane	Ave	0.3752	0.3399	0.1000	18.1	20.0	-9.4	30.0
n-Heptane	Ave	0.2427	0.2577		21.2	20.0	6.2	30.0
n-Butanol	Ave	1.635	1.696		519	500	3.7	30.0
Trichloroethene	Ave	0.2633	0.2651	0.2000	20.1	20.0	0.7	30.0
Methylcyclohexane	Ave	0.3300	0.3410	0.1000	20.7	20.0	3.3	30.0
Ethyl acrylate	Ave	0.5878	0.5596		19.0	20.0	-4.8	30.0
1,2-Dichloropropane	Ave	0.2853	0.2773	0.1000	19.4	20.0	-2.8	30.0
Methyl methacrylate	Ave	0.0595	0.0564		37.9	40.0	-5.2	30.0
1,4-Dioxane	Ave	0.9447	1.002		424	400	6.1	30.0
Dibromomethane	Ave	0.1579	0.1570		19.9	20.0	-0.5	30.0
n-Propyl acetate	Ave	0.3637	0.3379		18.6	20.0	-7.1	30.0
Dichlorobromomethane	Ave	0.3561	0.3424	0.2000	19.2	20.0	-3.9	30.0
2-Nitropropane	Ave	0.0813	0.0674		33.2	40.0	-17.1	30.0
2-Chloroethyl vinyl ether	Ave	0.0271	0.0305		22.5	20.0	12.4	30.0
Epichlorohydrin	Ave	0.1843	0.2205		23.9	20.0	19.6	30.0
cis-1,3-Dichloropropene	Ave	0.6501	0.6244	0.2000	19.2	20.0	-3.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.666	1.637	0.0500	98.3	100	-1.7	30.0
Toluene	Ave	1.572	1.519	0.4000	19.3	20.0	-3.3	30.0
trans-1,3-Dichloropropene	Ave	0.5779	0.5697	0.1000	19.7	20.0	-1.4	30.0
Ethyl methacrylate	Ave	0.4374	0.4023		18.4	20.0	-8.0	30.0
1,1,2-Trichloroethane	Ave	0.2784	0.2753	0.1000	19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-874641/17 Calibration Date: 10/28/2022 14:33

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3121	0.3218	0.2000	20.6	20.0	3.1	30.0
1,3-Dichloropropane	Ave	0.5564	0.5470		19.7	20.0	-1.7	30.0
2-Hexanone	Ave	1.192	1.144	0.0500	95.9	100	-4.1	30.0
n-Butyl acetate	Ave	0.5470	0.5067		18.5	20.0	-7.4	30.0
Chlorodibromomethane	Ave	0.3228	0.3098	0.1000	19.2	20.0	-4.0	30.0
Ethylene Dibromide	Ave	0.3096	0.3030	0.1000	19.6	20.0	-2.1	30.0
Chlorobenzene	Ave	0.9035	0.9030	0.5000	20.0	20.0	-0.0	30.0
Ethylbenzene	Ave	0.4918	0.4934	0.1000	20.1	20.0	0.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3091	0.3084		20.0	20.0	-0.2	30.0
m-Xylene & p-Xylene	Ave	0.5993	0.6081	0.1000	20.3	20.0	1.5	30.0
o-Xylene	Ave	0.5772	0.5763	0.3000	20.0	20.0	-0.1	30.0
n-Butyl acrylate	Ave	0.3031	0.2691		17.8	20.0	-11.2	30.0
Styrene	Ave	0.9618	0.9407	0.3000	19.6	20.0	-2.2	30.0
Bromoform	Ave	0.1868	0.1766	0.1000	18.9	20.0	-5.5	30.0
Amyl acetate (mixed isomers)	Ave	1.369	1.278		18.7	20.0	-6.6	30.0
Isopropylbenzene	Ave	1.422	1.477	0.1000	20.8	20.0	3.8	30.0
Bromobenzene	Ave	0.6893	0.6846		19.9	20.0	-0.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8713	0.8138	0.3000	18.7	20.0	-6.6	30.0
N-Propylbenzene	Ave	3.701	3.857		20.8	20.0	4.2	30.0
1,2,3-Trichloropropane	Ave	0.2354	0.2183		18.6	20.0	-7.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2780	0.2605		18.7	20.0	-6.3	30.0
2-Chlorotoluene	Ave	2.508	2.531		20.2	20.0	1.0	30.0
4-Ethyltoluene	Ave	2.925	3.073		21.0	20.0	5.1	30.0
1,3,5-Trimethylbenzene	Ave	2.340	2.372		20.3	20.0	1.4	30.0
4-Chlorotoluene	Ave	2.522	2.550		20.2	20.0	1.1	30.0
Butyl Methacrylate	Ave	0.9106	0.8900		19.5	20.0	-2.3	30.0
tert-Butylbenzene	Ave	1.890	1.971		20.9	20.0	4.3	30.0
1,2,4-Trimethylbenzene	Ave	2.428	2.381		19.6	20.0	-1.9	30.0
sec-Butylbenzene	Ave	2.843	2.969		20.9	20.0	4.4	30.0
1,3-Dichlorobenzene	Ave	1.193	1.181	0.6000	19.8	20.0	-1.0	30.0
4-Isopropyltoluene	Ave	2.214	2.356		21.3	20.0	6.4	30.0
1,4-Dichlorobenzene	Ave	1.237	1.215	0.5000	19.7	20.0	-1.7	30.0
1,2,3-Trimethylbenzene	Ave	2.318	2.380		20.5	20.0	2.7	30.0
Benzyl chloride	Ave	1.527	1.500		19.6	20.0	-1.8	30.0
Indan	Ave	2.245	2.237		19.9	20.0	-0.4	30.0
p-Diethylbenzene	Ave	1.278	1.396		21.8	20.0	9.2	30.0
n-Butylbenzene	Ave	1.223	1.268		20.7	20.0	3.7	30.0
1,2-Dichlorobenzene	Ave	1.110	1.078	0.4000	19.4	20.0	-2.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.732	1.801		20.8	20.0	4.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1489	0.1220	0.0500	16.4	20.0	-18.1	30.0
1,3,5-Trichlorobenzene	Ave	0.6005	0.6196		20.6	20.0	3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Lab Sample ID: ICV 460-874641/17 Calibration Date: 10/28/2022 14:33
 Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54
 Lab File ID: T654809.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.5242	0.4957	0.2000	18.9	20.0	-5.4	30.0
Hexachlorobutadiene	Ave	0.1967	0.2186		22.2	20.0	11.1	30.0
Naphthalene	Ave	1.484	1.341		18.1	20.0	-9.6	30.0
1,2,3-Trichlorobenzene	Ave	0.3882	0.3828		19.7	20.0	-1.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2518	0.2480		49.2	50.0	-1.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3316	0.3169		47.8	50.0	-4.4	30.0
Toluene-d8 (Surr)	Ave	1.355	1.357		50.1	50.0	0.1	30.0
4-Bromofluorobenzene	Ave	0.3395	0.3415		50.3	50.0	0.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 28-Oct-2022 14:33:55 ALS Bottle#: 0 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0152384-017
 Operator ID: Instrument ID: CVOAMS15
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 30-Oct-2022 22:28:15 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1627

First Level Reviewer: FK2C

Date: 28-Oct-2022 14:53:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	38	3741	20.0	15.8	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	69	8333	20.0	14.4	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	96	29333	20.0	20.3	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	41951	20.0	12.9	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	11284	20.0	19.5	
6 Chloromethane	50	1.587	1.587	0.000	89	63941	20.0	17.4	
7 Vinyl chloride	62	1.672	1.672	0.000	84	75097	20.0	19.8	
8 Butadiene	54	1.697	1.697	0.000	97	60333	20.0	15.3	
9 Bromomethane	94	1.953	1.953	0.000	97	11053	20.0	19.5	M
10 Chloroethane	64	2.038	2.044	-0.006	97	53276	20.0	23.8	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	88	110926	20.0	19.0	
12 Trichlorofluoromethane	101	2.233	2.233	0.000	68	76569	20.0	19.1	
13 Pentane	72	2.282	2.282	0.000	95	24639	40.0	46.0	
14 Ethanol	46	2.465	2.459	0.006	95	11855	800.0	808.4	
15 Ethyl ether	59	2.489	2.489	0.000	87	48180	20.0	19.0	
17 2-Methyl-1,3-butadiene	53	2.501	2.508	-0.007	98	62781	20.0	21.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	90	45751	20.0	21.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	91	88430	20.0	21.9	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	91	50846	20.0	20.6	
19 Acrolein	56	2.672	2.672	0.000	77	20445	40.1	53.2	
20 1,1-Dichloroethene	96	2.697	2.697	0.001	87	52737	20.0	20.2	
22 Acetone	43	2.800	2.800	0.000	86	74396	100.0	95.3	
23 Iodomethane	142	2.855	2.855	0.000	99	29131	20.0	11.5	
24 Carbon disulfide	76	2.886	2.886	0.000	100	189790	20.0	20.5	
25 Isopropyl alcohol	45	2.898	2.892	0.006	37	34418	200.0	207.1	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	84	38542	20.0	21.1	
29 Cyclopentene	67	3.056	3.056	0.000	91	154986	20.0	23.0	
28 Methyl acetate	43	3.056	3.056	0.000	66	83724	40.0	36.4	
26 Acetonitrile	41	3.123	3.117	0.006	98	70403	200.0	205.8	
* 31 TBA-d9 (IS)	66	3.172	3.166	0.006	98	44619	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	55	61757	20.0	19.3	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	99	52893	200.0	193.1	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	152460	20.0	18.8	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	89	59554	20.0	19.1	
33 Acrylonitrile	53	3.465	3.465	0.000	94	206358	200.0	179.4	
36 Hexane	57	3.544	3.550	-0.006	93	72466	20.0	20.8	
40 Isopropyl ether	45	3.782	3.782	0.000	96	196824	20.0	19.8	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	95	117448	20.0	19.5	
38 Vinyl acetate	86	3.837	3.837	0.000	100	22032	40.0	38.3	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	90	56160	20.0	21.0	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	88	181536	20.0	20.4	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	59	21112	20.0	19.5	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	88	362183	250.0	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	88	65907	20.0	18.6	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	96	30078	100.0	95.3	
47 Ethyl acetate	70	4.434	4.434	0.000	96	11782	40.0	39.2	
48 Methyl acrylate	55	4.489	4.489	0.000	99	50778	20.0	18.3	
46 Propionitrile	54	4.574	4.574	0.000	98	78319	200.0	207.6	
49 Chlorobromomethane	128	4.647	4.647	0.000	95	26846	20.0	19.9	
51 Tetrahydrofuran	72	4.647	4.647	0.000	74	14703	40.0	41.4	
50 Methacrylonitrile	67	4.690	4.690	0.000	93	236164	200.0	185.3	
52 Chloroform	83	4.708	4.708	0.000	79	110396	20.0	19.4	
55 Cyclohexane	84	4.843	4.842	0.001	93	84437	20.0	20.9	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	92	92407	20.0	20.3	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	94	147332	50.0	49.2	
56 Carbon tetrachloride	117	5.001	5.001	0.000	88	75002	20.0	20.2	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	93	88051	20.0	20.1	
59 Isobutyl alcohol	43	5.208	5.208	0.000	94	76911	500.0	515.8	
62 Isooctane	57	5.239	5.239	0.000	94	134967	20.0	21.1	a
60 Benzene	78	5.269	5.269	0.000	97	249342	20.0	20.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	90	188272	50.0	47.8	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	78	163644	20.0	19.6	
63 Isopropyl acetate	61	5.367	5.367	0.000	94	30566	20.0	17.9	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	89	80773	20.0	18.1	
66 n-Heptane	43	5.458	5.458	0.000	93	61237	20.0	21.2	
* 65 Fluorobenzene	96	5.611	5.611	0.000	98	594052	50.0	50.0	
68 n-Butanol	56	5.989	5.982	0.007	89	37838	500.0	518.6	
67 Trichloroethene	95	6.013	6.013	0.000	91	62983	20.0	20.1	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	81030	20.0	20.7	a
69 Ethyl acrylate	55	6.184	6.184	0.000	98	132961	20.0	19.0	a
71 1,2-Dichloropropane	63	6.361	6.360	0.001	88	65904	20.0	19.4	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	31625	1000.0	1000.0	
75 Methyl methacrylate	100	6.476	6.476	0.000	89	26814	40.0	37.9	
74 1,4-Dioxane	88	6.507	6.507	0.000	43	12676	400.0	424.3	
72 Dibromomethane	93	6.507	6.507	0.000	89	37315	20.0	19.9	
76 n-Propyl acetate	43	6.543	6.543	0.000	98	80302	20.0	18.6	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	81359	20.0	19.2	
78 2-Nitropropane	41	7.104	7.110	-0.006	87	32036	40.0	33.2	
79 2-Chloroethyl vinyl ether	106	7.116	7.116	0.000	70	7248	20.0	22.5	
80 Epichlorohydrin	57	7.232	7.232	0.000	95	6390	20.0	23.9	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	91	100341	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	98	237187	100.0	98.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.586	7.586	0.000	98	545038	50.0	50.1	
84 Toluene	91	7.677	7.677	0.000	93	244135	20.0	19.3	
85 trans-1,3-Dichloropropene	75	8.104	8.110	-0.006	96	91543	20.0	19.7	
86 Ethyl methacrylate	69	8.165	8.165	0.000	89	64649	20.0	18.4	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	92	44234	20.0	19.8	
88 Tetrachloroethene	166	8.397	8.397	0.000	86	51714	20.0	20.6	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	93	87894	20.0	19.7	
90 2-Hexanone	43	8.720	8.720	0.000	97	165682	100.0	95.9	
93 n-Butyl acetate	43	8.866	8.872	-0.006	98	81418	20.0	18.5	
91 Chlorodibromomethane	129	8.884	8.884	0.000	95	49781	20.0	19.2	
92 Ethylene Dibromide	107	9.061	9.061	0.000	97	48697	20.0	19.6	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	88	401739	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	91	145102	20.0	20.0	
97 Ethylbenzene	106	9.921	9.921	0.000	99	79290	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	43	49556	20.0	20.0	
98 m-Xylene & p-Xylene	106	10.116	10.122	-0.006	97	97723	20.0	20.3	
99 o-Xylene	106	10.756	10.762	-0.006	93	92610	20.0	20.0	
101 n-Butyl acrylate	73	10.787	10.786	0.001	96	43246	20.0	17.8	
100 Styrene	104	10.811	10.811	0.000	92	151170	20.0	19.6	
102 Bromoform	173	11.122	11.122	0.000	92	28374	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	11.171	11.171	0.000	90	95524	20.0	18.7	
104 Isopropylbenzene	105	11.341	11.341	0.000	97	237305	20.0	20.8	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	82	137208	50.0	50.3	
106 Bromobenzene	156	11.786	11.792	-0.006	92	51178	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.890	-0.006	94	60835	20.0	18.7	
110 N-Propylbenzene	91	11.914	11.914	0.000	98	288331	20.0	20.8	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	87	16322	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.981	0.000	89	19472	20.0	18.7	
111 2-Chlorotoluene	91	12.042	12.042	0.000	97	189238	20.0	20.2	
112 4-Ethyltoluene	105	12.073	12.073	0.000	98	229752	20.0	21.0	
114 1,3,5-Trimethylbenzene	105	12.164	12.164	0.000	91	177351	20.0	20.3	
113 4-Chlorotoluene	91	12.195	12.195	0.000	99	190635	20.0	20.2	
115 Butyl Methacrylate	87	12.323	12.323	0.000	93	66532	20.0	19.5	
116 tert-Butylbenzene	119	12.524	12.530	-0.006	92	147380	20.0	20.9	
117 1,2,4-Trimethylbenzene	105	12.603	12.603	0.000	99	178007	20.0	19.6	
118 sec-Butylbenzene	105	12.780	12.780	0.000	98	221956	20.0	20.9	
119 1,3-Dichlorobenzene	146	12.920	12.920	0.000	93	88287	20.0	19.8	
122 4-Isopropyltoluene	119	12.945	12.945	0.000	94	176103	20.0	21.3	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	98	186891	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	87	90864	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	13.061	13.060	0.001	99	177934	20.0	20.5	
124 Benzyl chloride	91	13.195	13.195	0.000	98	112108	20.0	19.6	
125 2,3-Dihydroindene	117	13.256	13.256	0.000	90	167197	20.0	19.9	
127 p-Diethylbenzene	119	13.341	13.341	0.000	89	104386	20.0	21.8	
128 n-Butylbenzene	92	13.365	13.365	0.000	98	94813	20.0	20.7	
126 1,2-Dichlorobenzene	146	13.408	13.408	0.000	93	80603	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	134643	20.0	20.8	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	81	9118	20.0	16.4	
131 1,3,5-Trichlorobenzene	180	14.292	14.292	0.000	94	46320	20.0	20.6	
132 1,2,4-Trichlorobenzene	180	14.828	14.828	0.000	92	37057	20.0	18.9	
133 Hexachlorobutadiene	225	14.920	14.926	-0.006	74	16344	20.0	22.2	
134 Naphthalene	128	15.036	15.036	0.000	98	100229	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.225	15.225	0.000	82	28620	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 137 Xylenes, Total	100				0		40.0	40.3	
S 140 Total BTEX	1				0		100.0	99.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 SP_00159	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00143	Amount Added: 4.00	Units: uL	
8FreonsSS_00050	Amount Added: 20.00	Units: uL	
GAS C SP_00485	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D

Injection Date: 28-Oct-2022 14:33:55

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

17

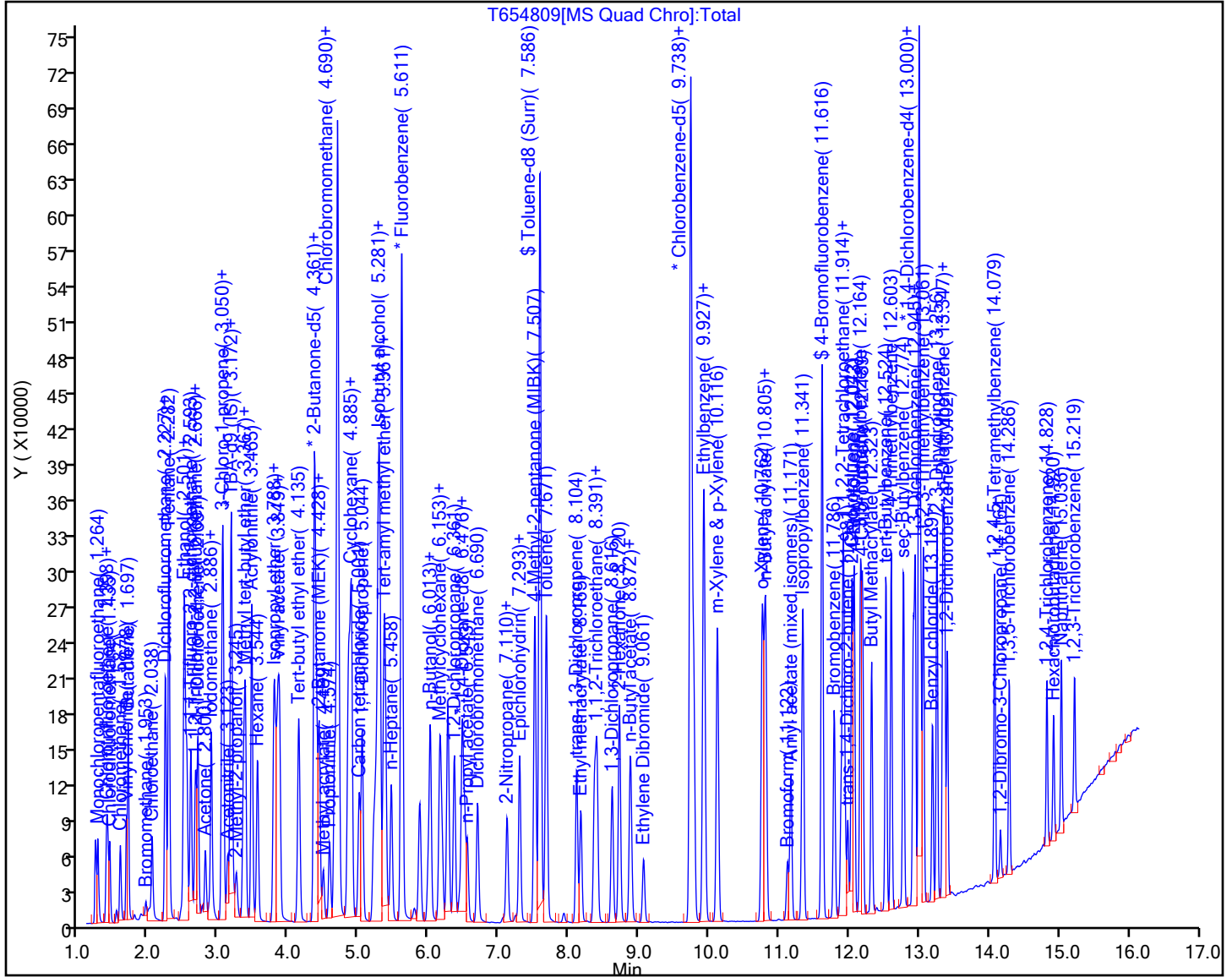
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D

Injection Date: 28-Oct-2022 14:33:55

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

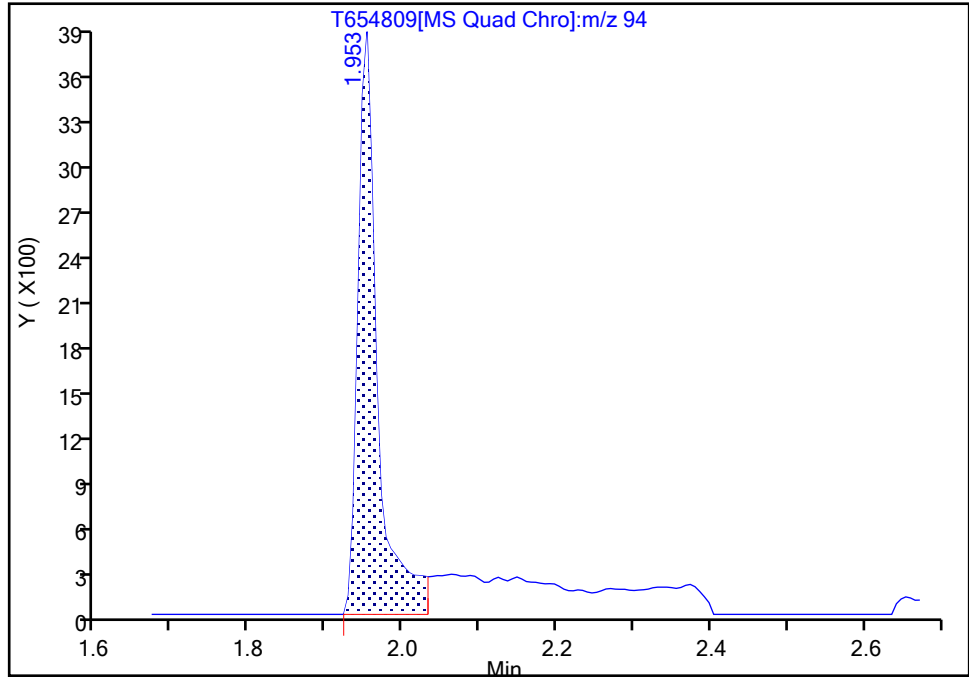
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

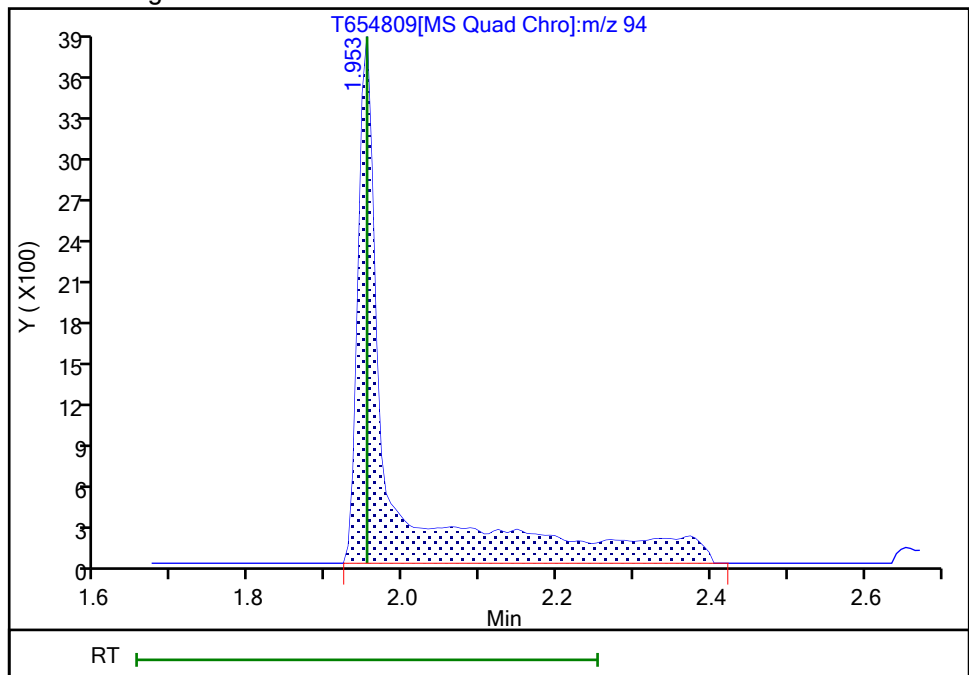
RT: 1.95
Area: 6791
Amount: 12.294453
Amount Units: ug/l

Processing Integration Results



RT: 1.95
Area: 11053
Amount: 19.499831
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 28-Oct-2022 16:39:22

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D

Injection Date: 28-Oct-2022 14:33:55

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

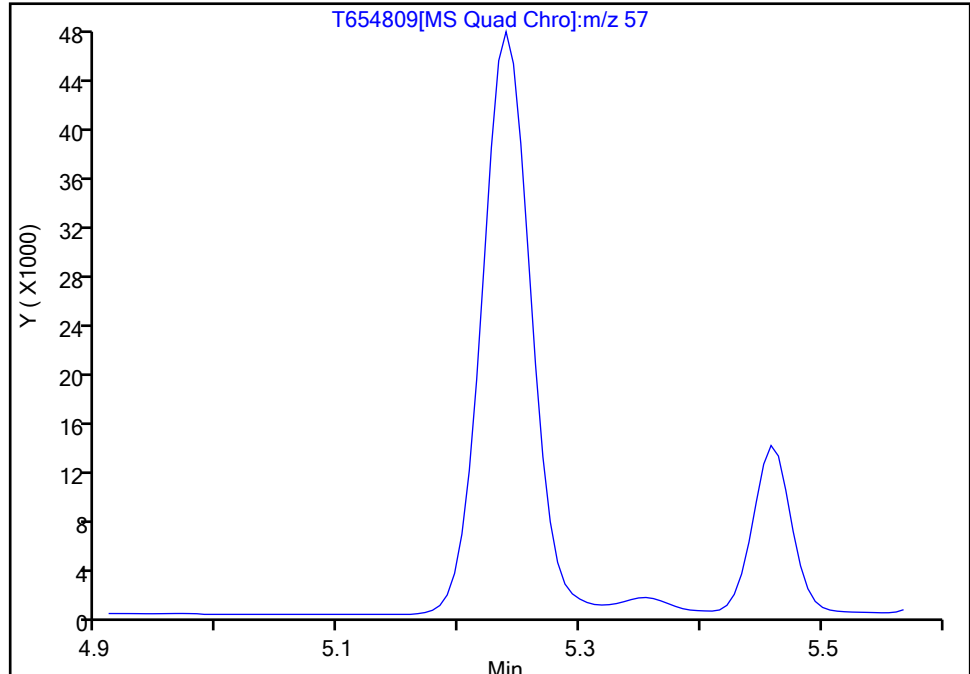
62 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

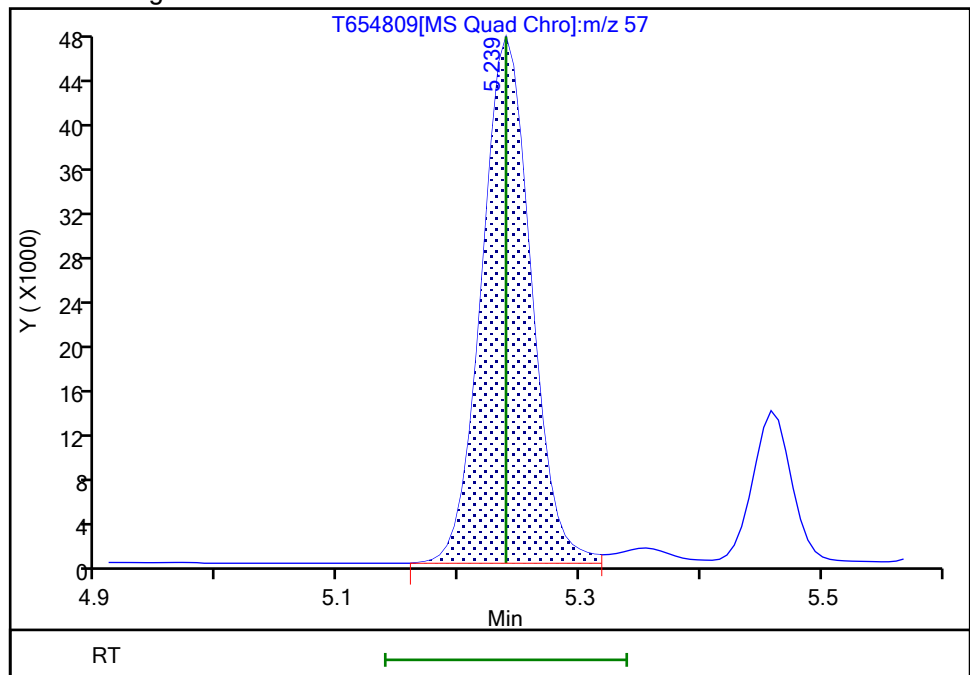
Expected RT: 5.24

Processing Integration Results



RT: 5.24
Area: 134967
Amount: 21.091360
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 28-Oct-2022 16:38:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D

Injection Date: 28-Oct-2022 14:33:55

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

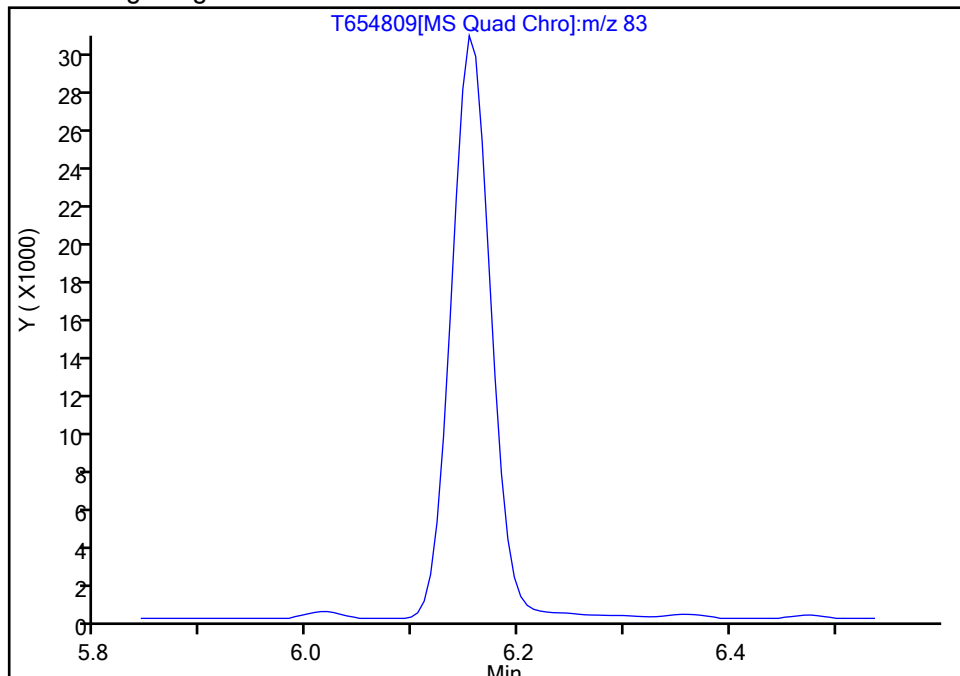
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

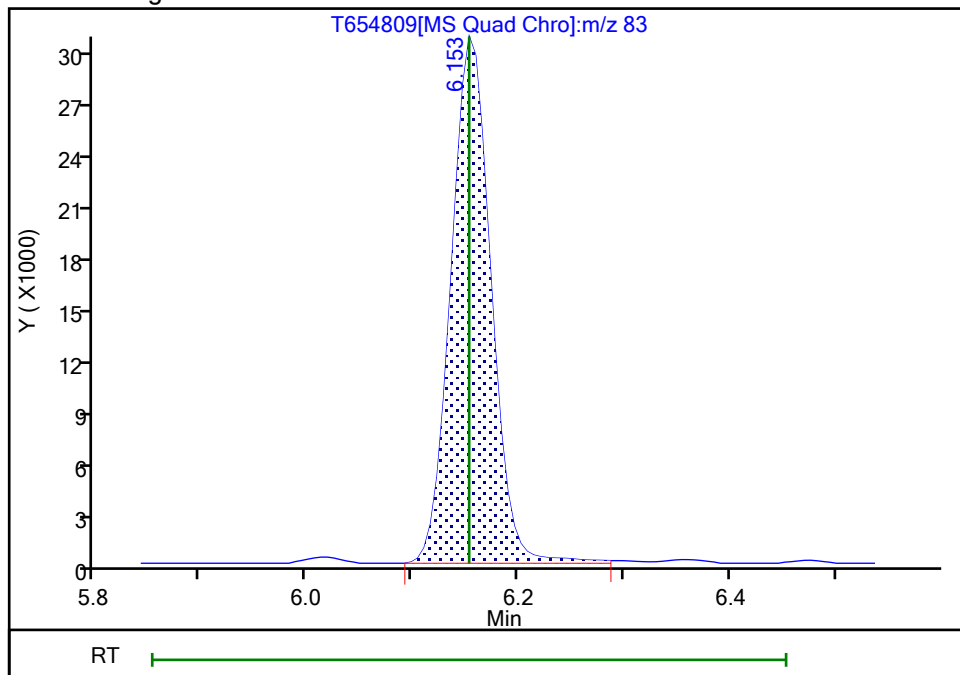
Expected RT: 6.15

Processing Integration Results



RT: 6.15
Area: 81030
Amount: 20.665863
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 28-Oct-2022 16:37:18

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654809.D

Injection Date: 28-Oct-2022 14:33:55

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

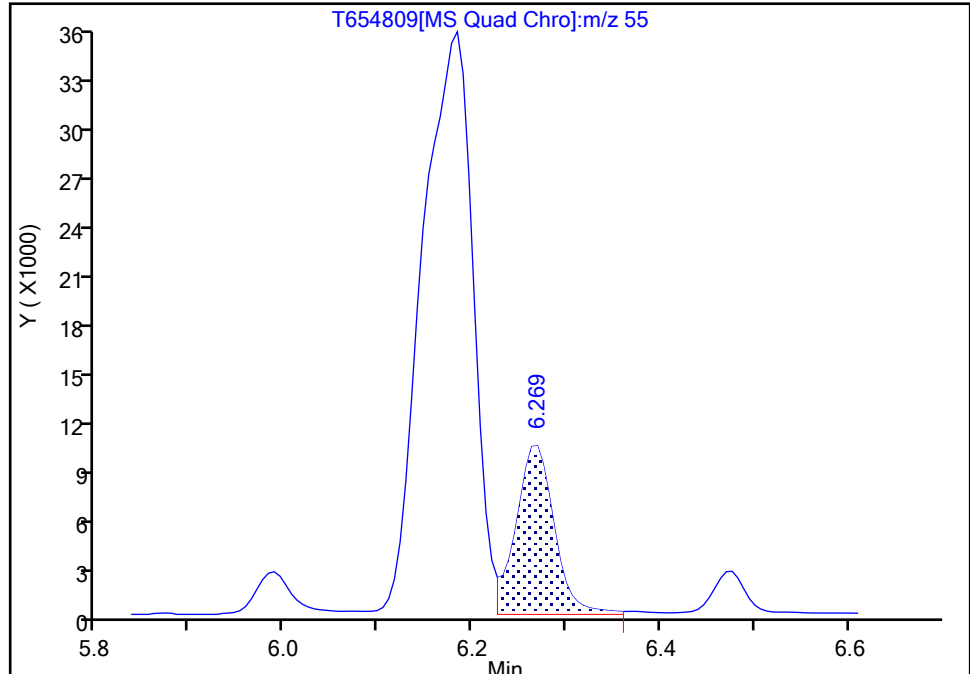
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

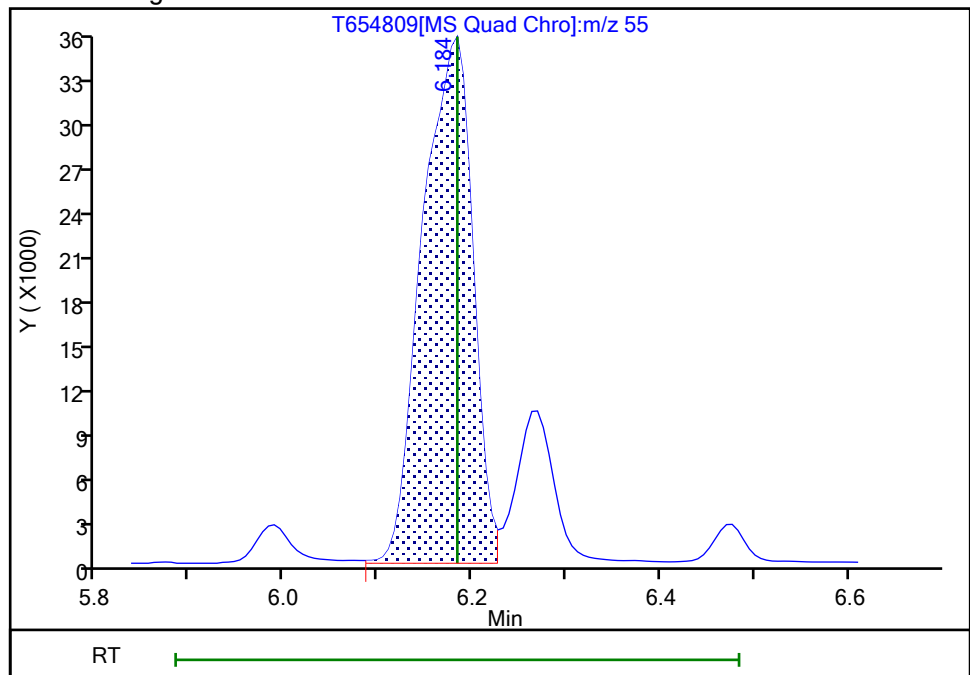
RT: 6.27
Area: 29518
Amount: 4.226915
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 132961
Amount: 19.039735
Amount Units: ug/l

Manual Integration Results



Reviewer: PUV6, 28-Oct-2022 16:38:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875140/2 Calibration Date: 10/31/2022 06:17

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654922.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	QuaF		0.0105		10.5	20.0	-47.3*	20.0
Chlorotrifluoroethene	QuaF		0.0213		8.77	20.0	-56.2*	20.0
1,1-Difluoroethane	Ave	0.1217	0.1093		18.0	20.0	-10.2	20.0
Dichlorodifluoromethane	Ave	0.2732	0.2171	0.1000	15.9	20.0	-20.5*	20.0
Chlorodifluoromethane	Ave	0.0488	0.0421		17.3	20.0	-13.7	20.0
Chloromethane	Ave	0.3089	0.3191	0.1000	20.7	20.0	3.3	20.0
Vinyl chloride	Ave	0.3189	0.3385	0.1000	21.2	20.0	6.1	20.0
Butadiene	Ave	0.3324	0.3386		20.4	20.0	1.8	20.0
Bromomethane	Ave	0.3913	0.4401	0.1000	22.5	20.0	12.5	50.0
Chloroethane	Ave	1.545	1.530	0.1000	19.8	20.0	-1.0	50.0
Dichlorofluoromethane	Ave	0.4924	0.5213		21.2	20.0	5.9	20.0
Trichlorofluoromethane	Ave	0.3378	0.3250	0.1000	19.2	20.0	-3.8	20.0
Pentane	Ave	0.0451	0.0454		40.3	40.0	0.8	20.0
Ethanol	Ave	0.3287	0.3737		910	800	13.7	50.0
Ethyl ether	Ave	0.2138	0.2299		21.5	20.0	7.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2427	0.2771		22.8	20.0	14.2	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.1787	0.1577		17.6	20.0	-11.8	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3396	0.3297		19.4	20.0	-2.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2081	0.2057	0.1000	19.8	20.0	-1.1	20.0
Acrolein	Ave	8.620	10.08		46.8	40.0	17.0	50.0
1,1-Dichloroethene	Ave	0.2200	0.2254	0.1000	20.5	20.0	2.5	20.0
Acetone	Lin2		0.5524	0.0500	103	100	2.6	50.0
Iodomethane	QuaF		0.1521		14.3	20.0	-28.5*	20.0
Carbon disulfide	Ave	0.7778	0.8732	0.1000	22.5	20.0	12.3	50.0
Isopropyl alcohol	Lin2		4.176		225	200	12.3	50.0
3-Chloro-1-propene	Ave	0.1538	0.1741		22.6	20.0	13.2	20.0
Cyclopentene	Ave	0.5679	0.6071		21.4	20.0	6.9	20.0
Methyl acetate	Ave	0.1933	0.2046	0.1000	42.3	40.0	5.8	20.0
Acetonitrile	Ave	0.2361	0.2759		234	200	16.8	20.0
Methylene Chloride	Ave	0.2699	0.2800	0.1000	20.8	20.0	3.8	20.0
2-Methyl-2-propanol	Ave	6.140	6.137		200	200	-0.0	50.0
Methyl tert-butyl ether	Ave	0.6827	0.7051	0.1000	20.7	20.0	3.3	20.0
trans-1,2-Dichloroethene	Ave	0.2628	0.2637	0.1000	20.1	20.0	0.4	20.0
Acrylonitrile	Ave	0.0968	0.1037		214	200	7.1	20.0
Hexane	Ave	0.2938	0.3208		21.8	20.0	9.2	20.0
Isopropyl ether	Ave	0.8363	0.9708		23.2	20.0	16.1	20.0
1,1-Dichloroethane	Ave	0.5063	0.5710	0.2000	22.6	20.0	12.8	20.0
Vinyl acetate	Ave	0.3967	0.4076		41.1	40.0	2.7	20.0
2-Chloro-1,3-butadiene	Ave	0.2250	0.2343		20.8	20.0	4.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875140/2 Calibration Date: 10/31/2022 06:17

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654922.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7498	0.8181		21.8	20.0	9.1	20.0
2,2-Dichloropropane	Ave	0.0912	0.0963		21.1	20.0	5.5	20.0
cis-1,2-Dichloroethene	Ave	0.2987	0.2883	0.1000	19.3	20.0	-3.5	20.0
2-Butanone (MEK)	Ave	0.2177	0.2018	0.0500	92.7	100	-7.3	50.0
Ethyl acetate	Ave	0.2076	0.1902		36.7	40.0	-8.4	20.0
Methyl acrylate	Ave	0.2339	0.2365		20.2	20.0	1.1	20.0
Propionitrile	Ave	8.454	9.890		234	200	17.0	20.0
Chlorobromomethane	Ave	0.1137	0.1172		20.6	20.0	3.1	20.0
Tetrahydrofuran	Ave	0.2451	0.2353		38.4	40.0	-4.0	20.0
Methacrylonitrile	Ave	0.1073	0.1081		201	200	0.7	20.0
Chloroform	Ave	0.4801	0.4911	0.2000	20.5	20.0	2.3	20.0
Cyclohexane	Ave	0.3394	0.3630	0.1000	21.4	20.0	7.0	50.0
1,1,1-Trichloroethane	Ave	0.3823	0.3994	0.1000	20.9	20.0	4.5	20.0
Carbon tetrachloride	Ave	0.3120	0.3263	0.1000	20.9	20.0	4.6	20.0
1,1-Dichloropropene	Ave	0.3686	0.4063		22.0	20.0	10.2	20.0
Isobutyl alcohol	Ave	3.342	3.750		561	500	12.2	50.0
Isooctane	Ave	0.5386	0.5656		21.0	20.0	5.0	20.0
Benzene	Ave	1.539	1.785	0.5000	23.2	20.0	16.0	20.0
Tert-amyl methyl ether	Ave	0.7035	0.7126		20.3	20.0	1.3	20.0
Isopropyl acetate	Ave	0.1441	0.1445		20.0	20.0	0.2	20.0
1,2-Dichloroethane	Ave	0.3752	0.3752	0.1000	20.0	20.0	0.0	20.0
n-Heptane	Ave	0.2427	0.2728		22.5	20.0	12.4	20.0
n-Butanol	Ave	1.635	1.736		531	500	6.2	50.0
Trichloroethene	Ave	0.2633	0.2696	0.2000	20.5	20.0	2.4	20.0
Methylcyclohexane	Ave	0.3300	0.3370	0.1000	20.4	20.0	2.1	50.0
Ethyl acrylate	Ave	0.5878	0.6219		21.2	20.0	5.8	20.0
1,2-Dichloropropane	Ave	0.2853	0.3273	0.1000	22.9	20.0	14.7	20.0
Methyl methacrylate	Ave	0.0595	0.0551		37.0	40.0	-7.4	20.0
1,4-Dioxane	Ave	0.9447	1.021		432	400	8.0	50.0
Dibromomethane	Ave	0.1579	0.1607		20.4	20.0	1.8	20.0
n-Propyl acetate	Ave	0.3637	0.4116		22.6	20.0	13.2	20.0
Dichlorobromomethane	Ave	0.3561	0.3751	0.2000	21.1	20.0	5.3	20.0
2-Nitropropane	Ave	0.0813	0.0774		38.1	40.0	-4.8	20.0
2-Chloroethyl vinyl ether	Ave	0.0271	0.0282		20.8	20.0	3.9	20.0
Epichlorohydrin	Ave	0.1843	0.1862		404	400	1.0	20.0
cis-1,3-Dichloropropene	Ave	0.6501	0.7376	0.2000	22.7	20.0	13.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.666	1.780	0.0500	107	100	6.8	50.0
Toluene	Ave	1.572	1.681	0.4000	21.4	20.0	6.9	20.0
trans-1,3-Dichloropropene	Ave	0.5779	0.6451	0.1000	22.3	20.0	11.6	50.0
Ethyl methacrylate	Ave	0.4374	0.4603		21.0	20.0	5.2	20.0
1,1,2-Trichloroethane	Ave	0.2784	0.3092	0.1000	22.2	20.0	11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875140/2 Calibration Date: 10/31/2022 06:17

Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54

Lab File ID: T654922.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.3121	0.3091	0.2000	19.8	20.0	-1.0	20.0
1,3-Dichloropropane	Ave	0.5564	0.6272		22.5	20.0	12.7	20.0
2-Hexanone	Ave	1.192	1.199	0.0500	101	100	0.6	50.0
n-Butyl acetate	Ave	0.5470	0.6263		22.9	20.0	14.5	20.0
Chlorodibromomethane	Ave	0.3228	0.3242	0.1000	20.1	20.0	0.4	50.0
Ethylene Dibromide	Ave	0.3096	0.3170	0.1000	20.5	20.0	2.4	20.0
Chlorobenzene	Ave	0.9035	0.9431	0.5000	20.9	20.0	4.4	20.0
Ethylbenzene	Ave	0.4918	0.5273	0.1000	21.4	20.0	7.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3091	0.3144		20.3	20.0	1.7	20.0
m-Xylene & p-Xylene	Ave	0.5993	0.6353	0.1000	21.2	20.0	6.0	20.0
o-Xylene	Ave	0.5772	0.6157	0.3000	21.3	20.0	6.7	20.0
n-Butyl acrylate	Ave	0.3031	0.2931		19.3	20.0	-3.3	20.0
Styrene	Ave	0.9618	1.016	0.3000	21.1	20.0	5.6	20.0
Bromoform	Ave	0.1868	0.1743	0.1000	18.7	20.0	-6.7	20.0
Amyl acetate (mixed isomers)	Ave	1.369	1.691		24.7	20.0	23.5*	20.0
Isopropylbenzene	Ave	1.422	1.518	0.1000	21.4	20.0	6.8	20.0
Bromobenzene	Ave	0.6893	0.7108		20.6	20.0	3.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8713	0.9619	0.3000	22.1	20.0	10.4	20.0
N-Propylbenzene	Ave	3.701	4.387		23.7	20.0	18.5	20.0
1,2,3-Trichloropropane	Ave	0.2354	0.2407		20.5	20.0	2.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2780	0.3046		21.9	20.0	9.6	20.0
2-Chlorotoluene	Ave	2.508	2.866		22.9	20.0	14.3	20.0
4-Ethyltoluene	Ave	2.925	3.304		22.6	20.0	12.9	20.0
1,3,5-Trimethylbenzene	Ave	2.340	2.623		22.4	20.0	12.1	20.0
4-Chlorotoluene	Ave	2.522	2.850		22.6	20.0	13.0	20.0
Butyl Methacrylate	Ave	0.9106	0.9803		21.5	20.0	7.7	20.0
tert-Butylbenzene	Ave	1.890	2.077		22.0	20.0	9.9	20.0
1,2,4-Trimethylbenzene	Ave	2.428	2.652		21.8	20.0	9.2	20.0
sec-Butylbenzene	Ave	2.843	3.187		22.4	20.0	12.1	20.0
1,3-Dichlorobenzene	Ave	1.193	1.232	0.6000	20.7	20.0	3.3	20.0
4-Isopropyltoluene	Ave	2.214	2.453		22.2	20.0	10.8	20.0
1,4-Dichlorobenzene	Ave	1.237	1.270	0.5000	20.5	20.0	2.7	20.0
1,2,3-Trimethylbenzene	Ave	2.318	2.552		22.0	20.0	10.1	20.0
Benzyl chloride	Ave	1.527	1.748		22.9	20.0	14.5	50.0
Indan	Ave	2.245	2.464		22.0	20.0	9.8	20.0
p-Diethylbenzene	Ave	1.278	1.431		22.4	20.0	11.9	20.0
n-Butylbenzene	Ave	1.223	1.402		22.9	20.0	14.7	20.0
1,2-Dichlorobenzene	Ave	1.110	1.133	0.4000	20.4	20.0	2.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.732	1.855		21.4	20.0	7.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1489	0.1228	0.0500	16.5	20.0	-17.5	50.0
1,3,5-Trichlorobenzene	Ave	0.6005	0.5818		19.4	20.0	-3.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-875140/2 Calibration Date: 10/31/2022 06:17
 Instrument ID: CVOAMS15 Calib Start Date: 10/28/2022 07:31
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/28/2022 13:54
 Lab File ID: T654922.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.5242	0.4616	0.2000	17.6	20.0	-11.9	20.0
Hexachlorobutadiene	Ave	0.1967	0.1897		19.3	20.0	-3.5	20.0
Naphthalene	Ave	1.484	1.321		17.8	20.0	-11.0	50.0
1,2,3-Trichlorobenzene	Ave	0.3882	0.3456		17.8	20.0	-11.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2518	0.2408		47.8	50.0	-4.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3316	0.3358		50.6	50.0	1.3	20.0
Toluene-d8 (Surr)	Ave	1.355	1.410		52.0	50.0	4.1	20.0
4-Bromofluorobenzene	Ave	0.3395	0.3191		47.0	50.0	-6.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654922.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 31-Oct-2022 06:17:40 ALS Bottle#: 0 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0152515-002
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 06:37:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	30	2050	20.0	10.5	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	53	4174	20.0	8.77	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	98	21404	20.0	18.0	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	42514	20.0	15.9	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	80	8245	20.0	17.3	
6 Chloromethane	50	1.587	1.587	0.000	88	62486	20.0	20.7	
7 Vinyl chloride	62	1.673	1.673	0.000	99	66279	20.0	21.2	
8 Butadiene	54	1.697	1.697	0.000	98	66294	20.0	20.4	
9 Bromomethane	94	1.959	1.959	0.000	97	11831	20.0	22.5	
10 Chloroethane	64	2.051	2.051	0.000	97	41125	20.0	19.8	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	102084	20.0	21.2	
12 Trichlorofluoromethane	101	2.240	2.240	0.000	85	63646	20.0	19.2	
13 Pentane	72	2.282	2.282	0.000	96	17786	40.0	40.3	
14 Ethanol	46	2.441	2.441	0.000	99	11617	800.0	909.7	
15 Ethyl ether	59	2.489	2.489	0.000	90	45023	20.0	21.5	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	99	54266	20.0	22.8	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.532	2.532	0.000	87	30871	20.0	17.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	90	64559	20.0	19.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	89	40287	20.0	19.8	
19 Acrolein	56	2.666	2.666	0.000	63	15673	40.0	46.8	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	85	44146	20.0	20.5	
22 Acetone	43	2.794	2.794	0.000	86	74244	100.0	102.6	
23 Iodomethane	142	2.855	2.855	0.000	99	29788	20.0	14.3	
24 Carbon disulfide	76	2.886	2.886	0.000	100	170994	20.0	22.5	
25 Isopropyl alcohol	45	2.886	2.886	0.000	34	32452	200.0	224.5	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	85	34082	20.0	22.6	
29 Cyclopentene	67	3.056	3.056	0.000	89	118885	20.0	21.4	
28 Methyl acetate	43	3.056	3.056	0.000	75	80112	40.0	42.3	
26 Acetonitrile	41	3.111	3.111	0.000	99	74161	200.0	233.7	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	99	38858	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.172	3.172	0.000	65	54838	20.0	20.8	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	99	47694	200.0	199.9	
35 Methyl tert-butyl ether	73	3.343	3.343	0.000	98	138070	20.0	20.7	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	91	51645	20.0	20.1	
33 Acrylonitrile	53	3.459	3.459	0.000	93	203007	200.0	214.2	
36 Hexane	57	3.544	3.544	0.000	93	62816	20.0	21.8	
40 Isopropyl ether	45	3.782	3.782	0.000	97	190093	20.0	23.2	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	111817	20.0	22.6	
38 Vinyl acetate	86	3.837	3.837	0.000	100	21913	40.0	41.1	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	45885	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.129	4.129	0.000	87	160194	20.0	21.8	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	87	336021	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	59	18852	20.0	21.1	
43 cis-1,2-Dichloroethene	96	4.392	4.392	0.000	86	56451	20.0	19.3	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	95	27127	100.0	92.7	
47 Ethyl acetate	70	4.428	4.428	0.000	95	10228	40.0	36.7	
48 Methyl acrylate	55	4.483	4.483	0.000	99	46311	20.0	20.2	
46 Propionitrile	54	4.568	4.568	0.000	97	76858	200.0	234.0	
49 Chlorobromomethane	128	4.642	4.642	0.000	93	22951	20.0	20.6	
51 Tetrahydrofuran	72	4.648	4.648	0.000	74	12650	40.0	38.4	
50 Methacrylonitrile	67	4.684	4.684	0.000	94	211616	200.0	201.5	
52 Chloroform	83	4.709	4.709	0.000	90	96158	20.0	20.5	
55 Cyclohexane	84	4.843	4.843	0.000	96	71084	20.0	21.4	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	90	78205	20.0	20.9	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	117893	50.0	47.8	
56 Carbon tetrachloride	117	4.995	4.995	0.000	87	63885	20.0	20.9	
57 1,1-Dichloropropene	75	5.038	5.038	0.000	91	79568	20.0	22.0	
59 Isobutyl alcohol	43	5.196	5.196	0.000	97	72863	500.0	561.1	
62 Isooctane	57	5.239	5.239	0.000	96	110761	20.0	21.0	a
60 Benzene	78	5.269	5.269	0.000	96	226343	20.0	23.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.288	0.000	89	164387	50.0	50.6	
64 Tert-amyl methyl ether	73	5.349	5.349	0.000	75	139540	20.0	20.3	
63 Isopropyl acetate	61	5.361	5.361	0.000	94	28287	20.0	20.0	
61 1,2-Dichloroethane	62	5.373	5.373	0.000	89	73471	20.0	20.0	
66 n-Heptane	43	5.452	5.452	0.000	95	53422	20.0	22.5	
* 65 Fluorobenzene	96	5.605	5.605	0.000	97	489539	50.0	50.0	
68 n-Butanol	56	5.977	5.977	0.000	89	33726	500.0	530.8	
67 Trichloroethene	95	6.013	6.013	0.000	90	52799	20.0	20.5	
70 Methylcyclohexane	83	6.147	6.147	0.000	91	65996	20.0	20.4	a
69 Ethyl acrylate	55	6.178	6.178	0.000	98	121779	20.0	21.2	a
71 1,2-Dichloropropane	63	6.355	6.355	0.000	88	64083	20.0	22.9	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	26007	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	92	21590	40.0	37.0	
74 1,4-Dioxane	88	6.495	6.495	0.000	48	10618	400.0	432.2	
72 Dibromomethane	93	6.501	6.501	0.000	86	31474	20.0	20.4	
76 n-Propyl acetate	43	6.538	6.538	0.000	99	80597	20.0	22.6	
77 Dichlorobromomethane	83	6.684	6.684	0.000	94	73443	20.0	21.1	
78 2-Nitropropane	41	7.098	7.098	0.000	88	30311	40.0	38.1	
79 2-Chloroethyl vinyl ether	106	7.111	7.111	0.000	68	5536	20.0	20.8	
80 Epichlorohydrin	57	7.226	7.226	0.000	99	100090	400.0	404.0	
81 cis-1,3-Dichloropropene	75	7.287	7.287	0.000	92	93510	20.0	22.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.501	7.501	0.000	98	239272	100.0	106.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	97	446998	50.0	52.0	
84 Toluene	91	7.665	7.665	0.000	92	213067	20.0	21.4	
85 trans-1,3-Dichloropropene	75	8.098	8.098	0.000	95	81792	20.0	22.3	
86 Ethyl methacrylate	69	8.159	8.159	0.000	91	58355	20.0	21.0	
87 1,1,2-Trichloroethane	83	8.354	8.354	0.000	90	39201	20.0	22.2	
88 Tetrachloroethene	166	8.391	8.391	0.000	82	39184	20.0	19.8	
89 1,3-Dichloropropane	76	8.610	8.610	0.000	94	79514	20.0	22.5	
90 2-Hexanone	43	8.708	8.708	0.000	98	161141	100.0	100.6	
93 n-Butyl acetate	43	8.860	8.860	0.000	98	79406	20.0	22.9	
91 Chlorodibromomethane	129	8.879	8.879	0.000	91	41106	20.0	20.1	
92 Ethylene Dibromide	107	9.055	9.055	0.000	98	40184	20.0	20.5	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	316956	50.0	50.0	
95 Chlorobenzene	112	9.775	9.775	0.000	89	119571	20.0	20.9	
97 Ethylbenzene	106	9.915	9.915	0.000	99	66855	20.0	21.4	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.927	0.000	44	39862	20.0	20.3	
98 m-Xylene & p-Xylene	106	10.110	10.110	0.000	97	80543	20.0	21.2	
99 o-Xylene	106	10.750	10.750	0.000	92	78063	20.0	21.3	
101 n-Butyl acrylate	73	10.781	10.781	0.000	95	37163	20.0	19.3	
100 Styrene	104	10.799	10.799	0.000	91	128820	20.0	21.1	
102 Bromoform	173	11.110	11.110	0.000	89	22100	20.0	18.7	
103 Amyl acetate (mixed isomers)	43	11.159	11.159	0.000	88	94269	20.0	24.7	
104 Isopropylbenzene	105	11.329	11.329	0.000	97	192502	20.0	21.4	
\$ 105 4-Bromofluorobenzene	174	11.610	11.610	0.000	79	101126	50.0	47.0	
106 Bromobenzene	156	11.780	11.780	0.000	89	39639	20.0	20.6	
107 1,1,2,2-Tetrachloroethane	83	11.878	11.878	0.000	94	53641	20.0	22.1	
110 N-Propylbenzene	91	11.908	11.908	0.000	97	244630	20.0	23.7	
108 1,2,3-Trichloropropane	110	11.933	11.933	0.000	92	13421	20.0	20.5	
109 trans-1,4-Dichloro-2-butene	53	11.976	11.976	0.000	88	16984	20.0	21.9	
111 2-Chlorotoluene	91	12.030	12.030	0.000	96	159810	20.0	22.9	
112 4-Ethyltoluene	105	12.067	12.067	0.000	97	184217	20.0	22.6	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	90	146251	20.0	22.4	
113 4-Chlorotoluene	91	12.183	12.183	0.000	99	158906	20.0	22.6	
115 Butyl Methacrylate	87	12.317	12.317	0.000	94	54664	20.0	21.5	
116 tert-Butylbenzene	119	12.518	12.518	0.000	90	115817	20.0	22.0	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	99	147883	20.0	21.8	
118 sec-Butylbenzene	105	12.768	12.768	0.000	98	177731	20.0	22.4	
119 1,3-Dichlorobenzene	146	12.908	12.908	0.000	90	68713	20.0	20.7	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	91	136778	20.0	22.2	
* 120 1,4-Dichlorobenzene-d4	152	12.994	12.994	0.000	96	139408	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.018	13.018	0.000	86	70814	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	13.055	13.055	0.000	99	142312	20.0	22.0	
124 Benzyl chloride	91	13.183	13.183	0.000	97	97465	20.0	22.9	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	92	137427	20.0	22.0	
127 p-Diethylbenzene	119	13.335	13.335	0.000	87	79796	20.0	22.4	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	78167	20.0	22.9	
126 1,2-Dichlorobenzene	146	13.396	13.396	0.000	90	63203	20.0	20.4	
130 1,2,4,5-Tetramethylbenzene	119	14.073	14.073	0.000	95	103443	20.0	21.4	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	85	6846	20.0	16.5	
131 1,3,5-Trichlorobenzene	180	14.280	14.280	0.000	91	32444	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.000	91	25740	20.0	17.6	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	71	10580	20.0	19.3	
134 Naphthalene	128	15.024	15.024	0.000	98	73656	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	15.213	15.213	0.000	74	19270	20.0	17.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	42.5	
S 140 Total BTEX	1				0		100.0	108.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	45.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00500	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654922.D

Injection Date: 31-Oct-2022 06:17:40

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

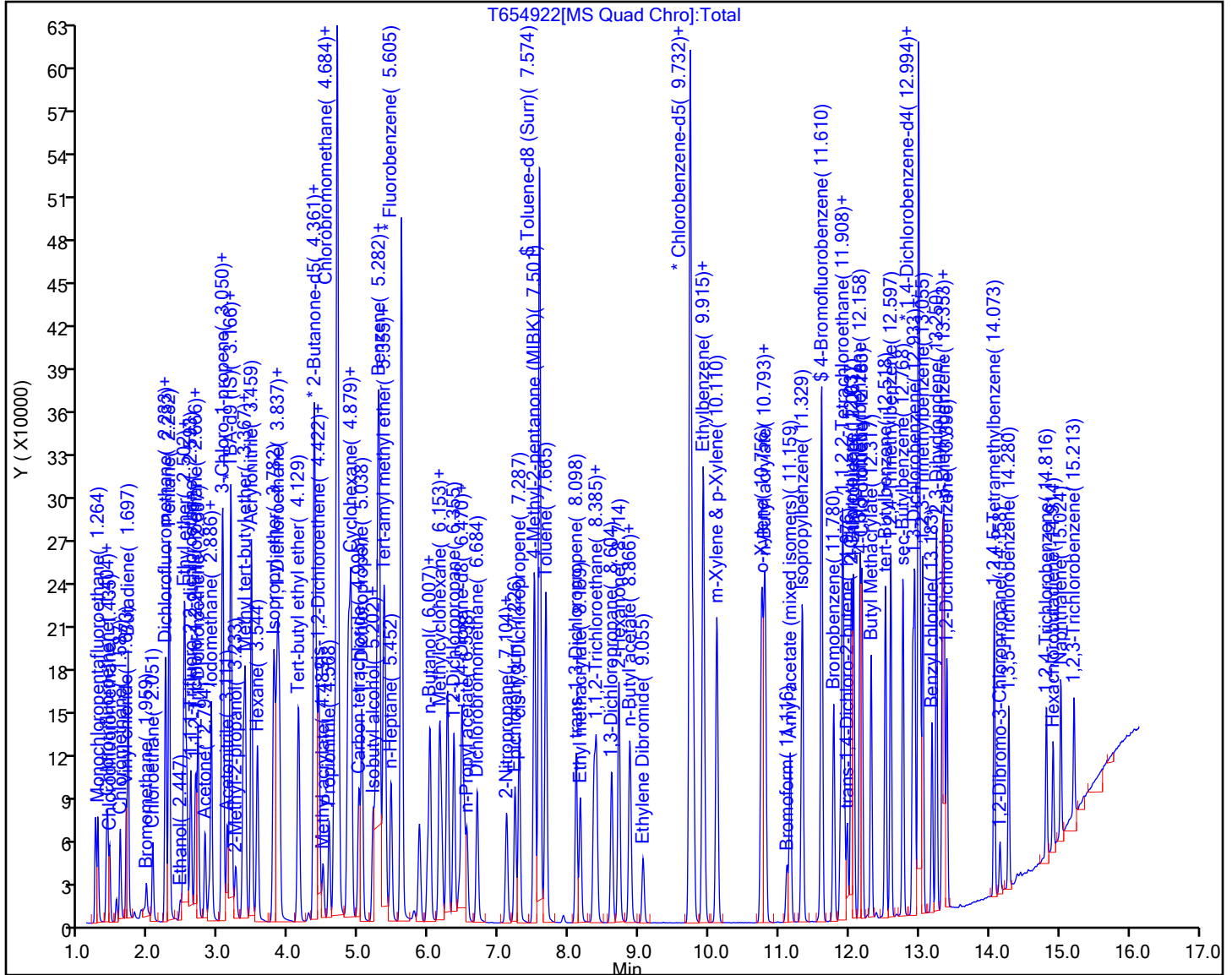
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654922.D

Injection Date: 31-Oct-2022 06:17:40

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

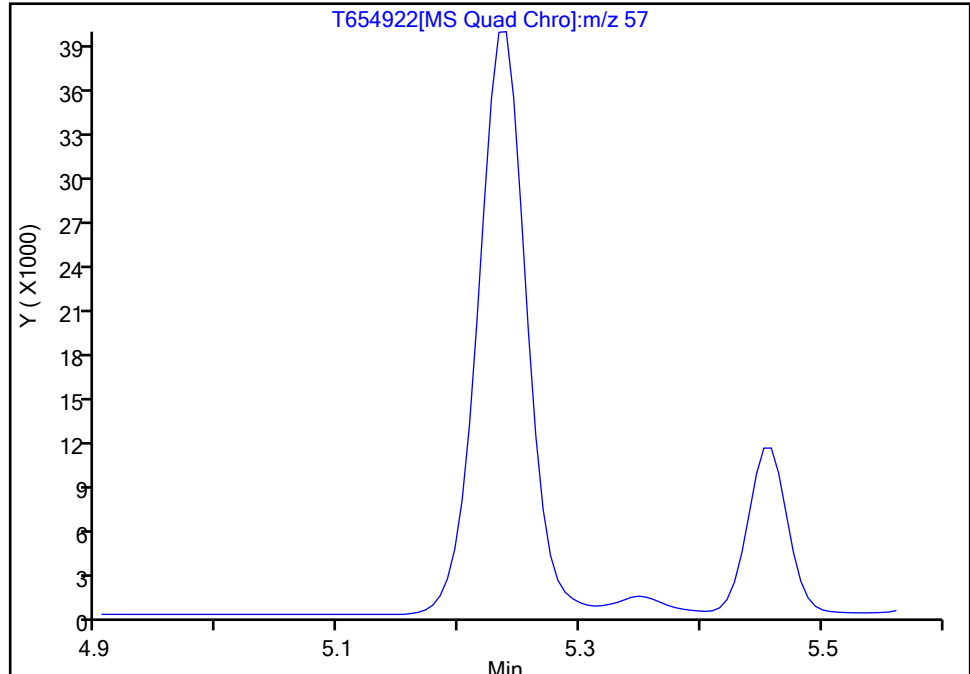
62 Isooctane, CAS: 540-84-1

Signal: 1

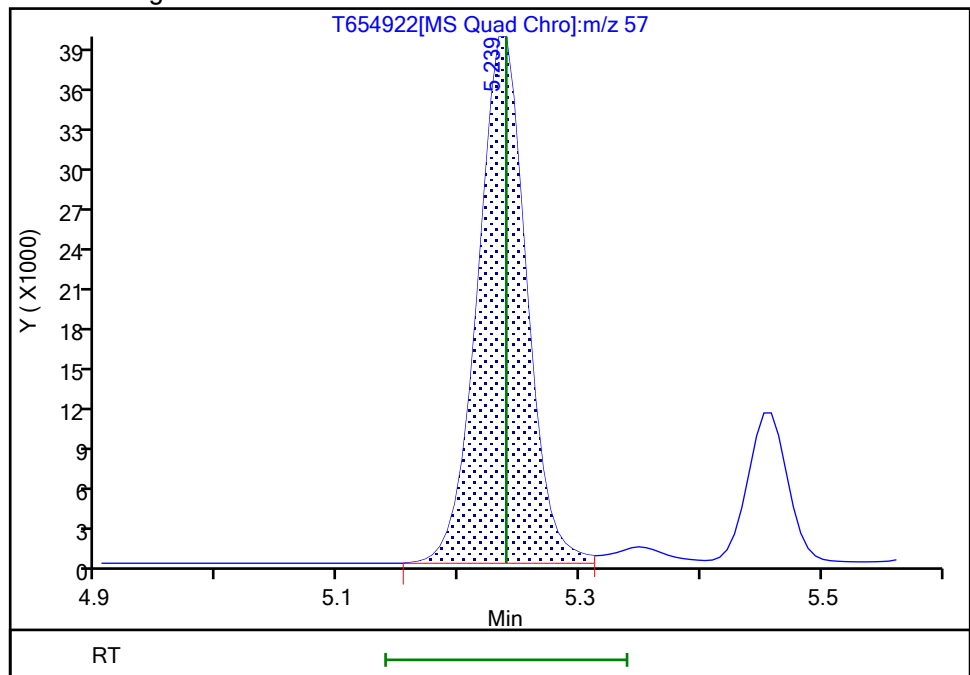
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.24

Area: 110761

Amount: 21.003953

Amount Units: ug/l

Reviewer: FK2C, 31-Oct-2022 06:36:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654922.D

Injection Date: 31-Oct-2022 06:17:40

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

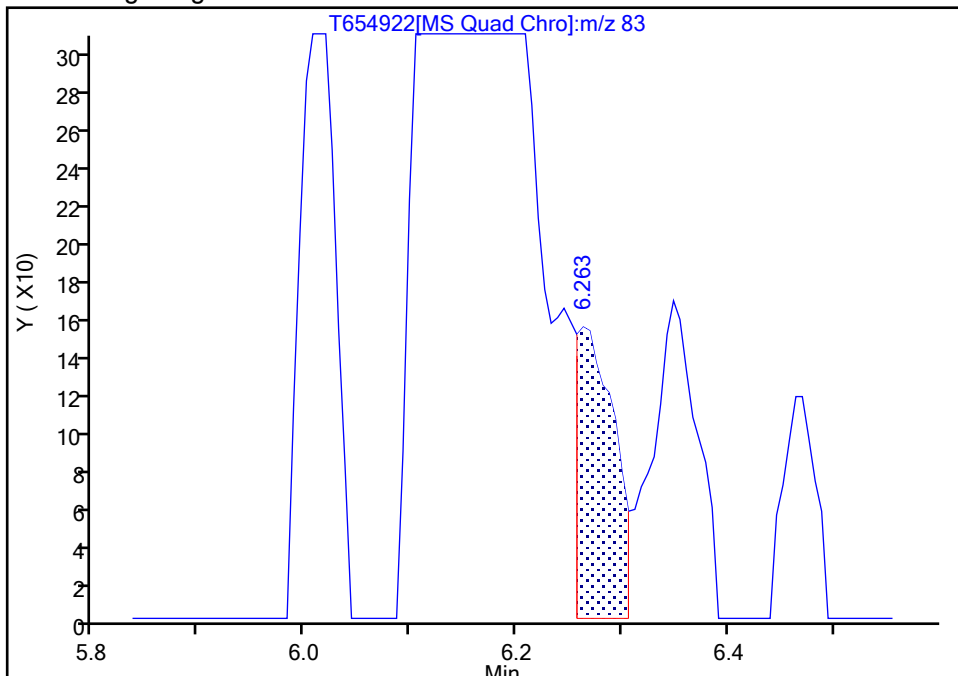
Detector: MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

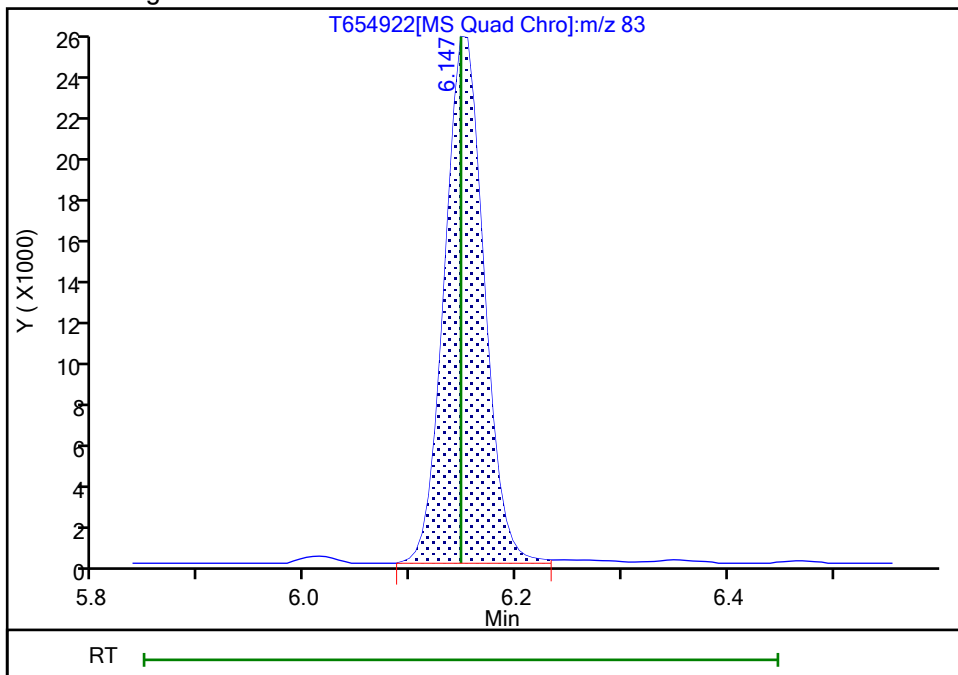
RT: 6.26
Area: 395
Amount: 0.122248
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 65996
Amount: 20.425020
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 31-Oct-2022 06:37:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654922.D

Injection Date: 31-Oct-2022 06:17:40

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

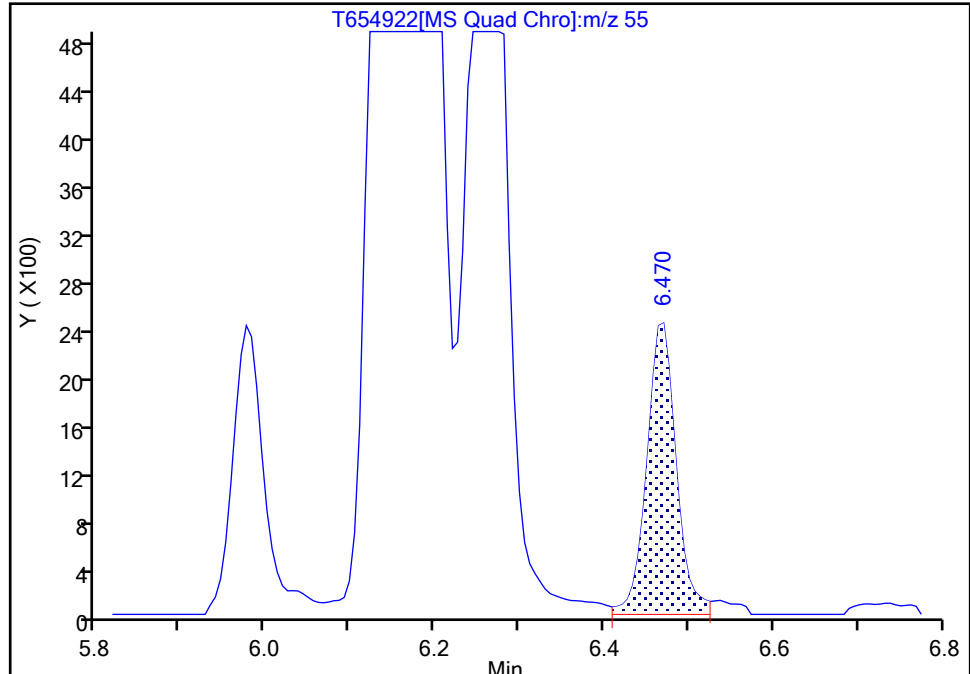
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

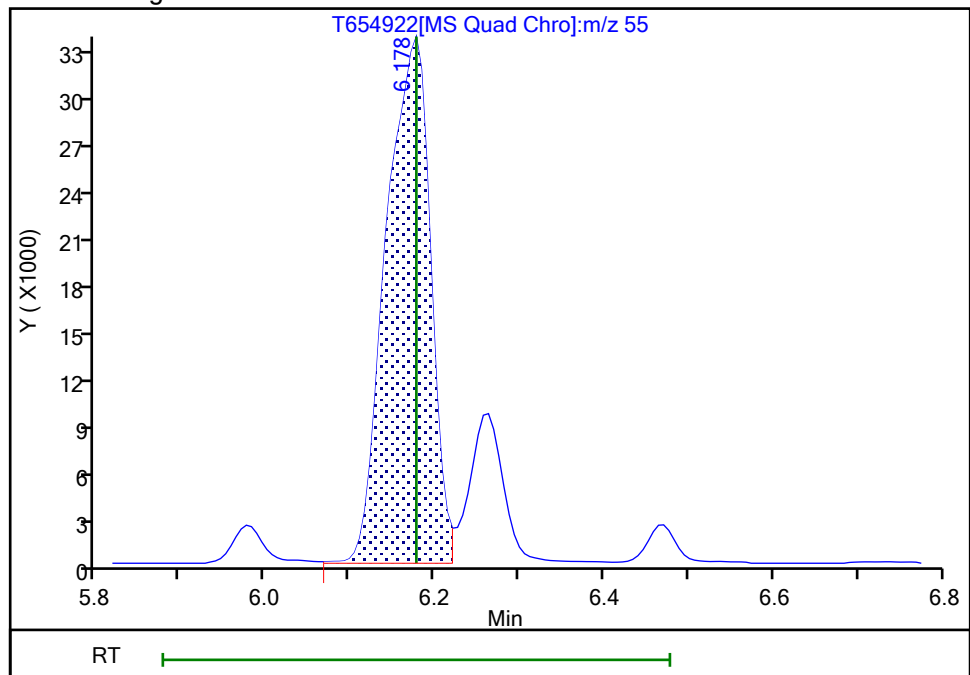
RT: 6.47
Area: 5894
Amount: 1.024198
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 121779
Amount: 21.161488
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 31-Oct-2022 06:37:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-872085/16 Calibration Date: 10/15/2022 11:50

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0303	0.0217		14.3	20.0	-28.4	30.0
Chlorotrifluoroethene	Ave	0.1494	0.0871		11.7	20.0	-41.7*	30.0
1,1-Difluoroethane	Ave	0.2523	0.2411		19.1	20.0	-4.4	30.0
Dichlorodifluoromethane	Ave	0.3996	0.4694	0.1000	23.5	20.0	17.5	30.0
Chlorodifluoromethane	QuaF		0.0774		19.0	20.0	-4.9	30.0
Chloromethane	Ave	0.5958	0.5887	0.1000	19.8	20.0	-1.2	30.0
Vinyl chloride	Ave	0.4722	0.5640	0.1000	23.9	20.0	19.4	30.0
Butadiene	QuaF		0.4551		20.0	20.0	-0.0	30.0
Bromomethane	Ave	2.891	3.401	0.1000	23.5	20.0	17.7	30.0
Chloroethane	Ave	2.496	2.453	0.1000	19.7	20.0	-1.7	30.0
Dichlorofluoromethane	Ave	0.8352	0.8041		19.3	20.0	-3.7	30.0
Pentane	Qua2		0.0743		70.2	40.0	75.6*	30.0
Trichlorofluoromethane	Ave	0.4778	0.5300	0.1000	22.2	20.0	10.9	30.0
Ethyl ether	Ave	0.2399	0.2377		19.8	20.0	-0.9	30.0
Ethanol	Ave	0.2384	0.1798		603	800	-24.6	30.0
2-Methyl-1,3-butadiene	Ave	0.3460	0.4013		23.2	20.0	16.0	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3416	0.3578		21.0	20.0	4.8	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5914	0.6194		20.9	20.0	4.7	30.0
Acrolein	QuaF		0.0500		47.8	40.1	19.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3036	0.3761	0.1000	24.8	20.0	23.9	30.0
1,1-Dichloroethene	Ave	0.3712	0.3755	0.1000	20.2	20.0	1.2	30.0
Acetone	Ave	0.995	0.8373	0.0500	84.1	100	-15.9	30.0
Iodomethane	Ave	0.6977	0.6933		19.9	20.0	-0.6	30.0
Carbon disulfide	Ave	1.576	1.597	0.1000	20.3	20.0	1.3	30.0
Isopropyl alcohol	Ave	3.275	2.548		156	200	-22.2	30.0
3-Chloro-1-propene	Ave	0.2933	0.2801		19.1	20.0	-4.5	30.0
Cyclopentene	Ave	0.9464	1.050		22.2	20.0	11.0	30.0
Methyl acetate	Ave	0.3077	0.3005	0.1000	39.1	40.0	-2.3	30.0
Acetonitrile	Ave	0.1210	0.1064		176	200	-12.1	30.0
Methylene Chloride	Ave	0.4763	0.4832	0.1000	20.3	20.0	1.4	30.0
2-Methyl-2-propanol	Ave	10.61	9.551		180	200	-10.0	30.0
Methyl tert-butyl ether	Ave	1.212	1.224	0.1000	20.2	20.0	1.0	30.0
trans-1,2-Dichloroethene	Ave	0.4153	0.4231	0.1000	20.4	20.0	1.9	30.0
Acrylonitrile	Ave	0.1502	0.1582		211	200	5.3	30.0
Hexane	Qua2		0.5292		28.9	20.0	44.4*	30.0
Isopropyl ether	Ave	1.485	1.571		21.2	20.0	5.8	30.0
1,1-Dichloroethane	Ave	0.7745	0.7915	0.2000	20.4	20.0	2.2	30.0
Vinyl acetate	Ave	0.4558	0.5425		47.6	40.0	19.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3544	0.3747		21.1	20.0	5.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-872085/16 Calibration Date: 10/15/2022 11:50

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.348	1.414		21.0	20.0	4.9	30.0
2,2-Dichloropropane	Ave	0.1117	0.1127		20.2	20.0	0.9	30.0
cis-1,2-Dichloroethene	Ave	0.4678	0.4739	0.1000	20.3	20.0	1.3	30.0
2-Butanone (MEK)	Ave	0.3660	0.3488	0.0500	95.3	100	-4.7	30.0
Ethyl acetate	Ave	0.3433	0.3256		37.9	40.0	-5.1	30.0
Methyl acrylate	Ave	0.3486	0.3189		18.3	20.0	-8.5	30.0
Propionitrile	Ave	13.78	14.94		217	200	8.4	30.0
Chlorobromomethane	Ave	0.2225	0.2211		19.9	20.0	-0.6	30.0
Tetrahydrofuran	Ave	0.4258	0.4733		44.5	40.0	11.2	30.0
Methacrylonitrile	Ave	0.1639	0.1670		204	200	1.9	30.0
Chloroform	Ave	0.7193	0.7352	0.2000	20.4	20.0	2.2	30.0
Cyclohexane	Ave	0.4955	0.6046	0.1000	24.4	20.0	22.0	30.0
1,1,1-Trichloroethane	Ave	0.5873	0.6178	0.1000	21.0	20.0	5.2	30.0
Carbon tetrachloride	Ave	0.4777	0.5032	0.1000	21.1	20.0	5.3	30.0
1,1-Dichloropropene	Ave	0.5318	0.5423		20.4	20.0	2.0	30.0
Isobutyl alcohol	Ave	5.551	5.822		524	500	4.9	30.0
Isooctane	Ave	1.130	1.450		25.7	20.0	28.3	30.0
Benzene	Ave	2.424	2.479	0.5000	20.5	20.0	2.3	30.0
Tert-amyl methyl ether	Ave	1.453	1.472		20.3	20.0	1.3	30.0
Isopropyl acetate	Ave	0.2204	0.2200		20.0	20.0	-0.2	30.0
1,2-Dichloroethane	Ave	0.5001	0.5000	0.1000	20.0	20.0	-0.0	30.0
n-Heptane	Qua2		0.0811		28.1	20.0	40.4*	30.0
n-Butanol	Ave	1.791	1.541		430	500	-14.0	30.0
Trichloroethene	Ave	0.4174	0.3941	0.2000	18.9	20.0	-5.6	30.0
Methylcyclohexane	Ave	0.5376	0.6679	0.1000	24.8	20.0	24.2	30.0
Ethyl acrylate	Ave	0.0449	0.0519		23.1	20.0	15.4	30.0
1,2-Dichloropropane	Ave	0.4406	0.4368	0.1000	19.8	20.0	-0.9	30.0
Methyl methacrylate	Ave	0.0897	0.0867		38.7	40.0	-3.3	30.0
1,4-Dioxane	Ave	1.306	1.298		398	400	-0.6	30.0
Dibromomethane	Ave	0.2468	0.2417		19.6	20.0	-2.1	30.0
n-Propyl acetate	Ave	0.5223	0.5281		20.2	20.0	1.1	30.0
Dichlorobromomethane	Ave	0.5280	0.5005	0.2000	19.0	20.0	-5.2	30.0
2-Nitropropane	Ave	0.0924	0.0810		35.1	40.0	-12.3	30.0
2-Chloroethyl vinyl ether	Ave	0.2416	0.2349		19.4	20.0	-2.8	30.0
Epichlorohydrin	Ave	0.2805	0.2955		21.1	20.0	5.4	30.0
cis-1,3-Dichloropropene	Ave	0.8747	0.8016	0.2000	18.3	20.0	-8.4	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.383	1.423	0.0500	103	100	2.9	30.0
Toluene	Ave	2.353	2.302	0.4000	19.6	20.0	-2.2	30.0
trans-1,3-Dichloropropene	Ave	0.7333	0.7125	0.1000	19.4	20.0	-2.8	30.0
Ethyl methacrylate	Ave	0.7088	0.7114		20.1	20.0	0.4	30.0
1,1,2-Trichloroethane	Ave	0.4329	0.4182	0.1000	19.3	20.0	-3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: ICV 460-872085/16 Calibration Date: 10/15/2022 11:50

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5204	0.5052	0.2000	19.4	20.0	-2.9	30.0
1,3-Dichloropropane	Ave	0.8026	0.7814		19.5	20.0	-2.6	30.0
2-Hexanone	Ave	2.053	2.070	0.0500	101	100	0.8	30.0
n-Butyl acetate	Ave	0.9092	0.9153		20.1	20.0	0.7	30.0
Chlorodibromomethane	Ave	0.5311	0.4992	0.1000	18.8	20.0	-6.0	30.0
Ethylene Dibromide	Ave	0.4668	0.4571	0.1000	19.6	20.0	-2.1	30.0
Chlorobenzene	Ave	1.432	1.414	0.5000	19.8	20.0	-1.2	30.0
Ethylbenzene	Ave	0.8244	0.8212	0.1000	19.9	20.0	-0.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.5709	0.5774		20.2	20.0	1.1	30.0
m-Xylene & p-Xylene	Ave	0.9940	0.999	0.1000	20.1	20.0	0.5	30.0
o-Xylene	Ave	1.069	1.055	0.3000	19.7	20.0	-1.4	30.0
n-Butyl acrylate	Ave	0.4587	0.4679		20.4	20.0	2.0	30.0
Styrene	Ave	1.578	1.568	0.3000	19.9	20.0	-0.6	30.0
Bromoform	Ave	0.3528	0.3340	0.1000	18.9	20.0	-5.3	30.0
Amyl acetate (mixed isomers)	Ave	2.014	2.074		20.6	20.0	3.0	30.0
Isopropylbenzene	Ave	2.598	2.726	0.1000	21.0	20.0	4.9	30.0
Bromobenzene	Ave	1.122	1.086		19.4	20.0	-3.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.231	1.237	0.3000	20.1	20.0	0.5	30.0
N-Propylbenzene	Ave	5.795	5.744		19.8	20.0	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.3305	0.3262		19.7	20.0	-1.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2166	0.2410		22.3	20.0	11.3	30.0
2-Chlorotoluene	Ave	3.965	3.862		19.5	20.0	-2.6	30.0
4-Ethyltoluene	Ave	4.727	4.720		20.0	20.0	-0.1	30.0
1,3,5-Trimethylbenzene	Ave	4.098	3.979		19.4	20.0	-2.9	30.0
4-Chlorotoluene	Ave	3.717	3.658		19.7	20.0	-1.6	30.0
Butyl Methacrylate	Ave	1.463	1.500		20.5	20.0	2.5	30.0
tert-Butylbenzene	Ave	3.208	3.017		18.8	20.0	-6.0	30.0
1,2,4-Trimethylbenzene	Ave	4.263	4.188		19.6	20.0	-1.8	30.0
sec-Butylbenzene	Ave	5.198	5.147		19.8	20.0	-1.0	30.0
1,3-Dichlorobenzene	Ave	2.188	2.130	0.6000	19.5	20.0	-2.7	30.0
4-Isopropyltoluene	Ave	4.344	4.361		20.1	20.0	0.4	30.0
1,4-Dichlorobenzene	Ave	2.213	2.185	0.5000	19.7	20.0	-1.3	30.0
1,2,3-Trimethylbenzene	Ave	4.507	4.404		19.5	20.0	-2.3	30.0
Benzyl chloride	Ave	1.429	1.527		21.4	20.0	6.9	30.0
Indan	Ave	4.347	4.337		20.0	20.0	-0.2	30.0
p-Diethylbenzene	Ave	2.386	2.819		23.6	20.0	18.1	30.0
n-Butylbenzene	Ave	2.343	2.439		20.8	20.0	4.1	30.0
1,2-Dichlorobenzene	Ave	2.240	2.229	0.4000	19.9	20.0	-0.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.384	4.331		19.8	20.0	-1.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2776	0.2496	0.0500	18.0	20.0	-10.1	30.0
1,3,5-Trichlorobenzene	Ave	1.835	1.861		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Lab Sample ID: ICV 460-872085/16 Calibration Date: 10/15/2022 11:50
 Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30
 Lab File ID: TT62107.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.735	1.724	0.2000	19.9	20.0	-0.7	30.0
Hexachlorobutadiene	Ave	0.7056	0.7222		20.5	20.0	2.3	30.0
Naphthalene	Ave	4.425	4.326		19.6	20.0	-2.2	30.0
1,2,3-Trichlorobenzene	Ave	1.669	1.678		20.1	20.0	0.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2570	0.2685		52.2	50.0	4.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2843	0.2872		50.5	50.0	1.0	30.0
Toluene-d8 (Surr)	Ave	1.341	1.332		49.7	50.0	-0.7	30.0
4-Bromofluorobenzene	Ave	0.3937	0.4031		51.2	50.0	2.4	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 15-Oct-2022 11:50:30 ALS Bottle#: 14 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0151764-015
 Operator ID: Instrument ID: CVOAMS17
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:53:05 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: W9CM

Date: 15-Oct-2022 13:31:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.177	1.165	0.012	28	3605	20.0	14.3	a
3 Chlorotrifluoroethene	116	1.244	1.250	-0.006	54	14471	20.0	11.7	
2 1,1-Difluoroethane	65	1.251	1.257	-0.006	96	40041	20.0	19.1	
4 Dichlorodifluoromethane	85	1.269	1.269	0.000	56	77957	20.0	23.5	
5 Chlorodifluoromethane	67	1.287	1.293	-0.006	97	12851	20.0	19.0	a
6 Chloromethane	50	1.415	1.421	-0.006	99	97771	20.0	19.8	
7 Vinyl chloride	62	1.494	1.494	0.000	98	93673	20.0	23.9	
8 Butadiene	54	1.500	1.507	-0.007	97	75582	20.0	20.0	
9 Bromomethane	94	1.738	1.744	-0.006	99	66316	20.0	23.5	
10 Chloroethane	64	1.787	1.787	0.000	100	47827	20.0	19.7	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	133548	20.0	19.3	
13 Pentane	72	1.958	1.958	0.000	97	24697	40.0	70.2	
12 Trichlorofluoromethane	101	1.958	1.964	-0.006	95	88028	20.0	22.2	
15 Ethyl ether	74	2.122	2.122	0.000	94	39482	20.0	19.8	
14 Ethanol	46	2.128	2.128	0.000	72	4536	800.0	603.4	
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	96	66644	20.0	23.2	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.183	2.189	-0.006	88	59435	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.232	2.244	-0.012	95	102869	20.0	20.9	a
19 Acrolein	56	2.281	2.287	-0.006	93	16627	40.1	47.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.293	2.299	-0.006	93	62469	20.0	24.8	
21 1,1-Dichloroethene	96	2.305	2.311	-0.006	96	62367	20.0	20.2	
22 Acetone	43	2.391	2.391	0.001	87	81629	100.0	84.1	
23 Iodomethane	142	2.445	2.451	-0.006	98	115150	20.0	19.9	
24 Carbon disulfide	76	2.464	2.470	-0.006	100	265298	20.0	20.3	
25 Isopropyl alcohol	45	2.470	2.488	-0.018	27	16069	200.0	155.6	a
26 3-Chloro-1-propene	76	2.580	2.586	-0.006	90	46523	20.0	19.1	
27 Methyl acetate	43	2.598	2.598	0.000	61	99833	40.0	39.1	
28 Cyclopentene	67	2.598	2.598	0.000	90	174441	20.0	22.2	
29 Acetonitrile	40	2.659	2.665	-0.006	97	20736	200.0	175.8	
30 Methylene Chloride	84	2.701	2.701	0.000	96	80254	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.708	2.720	-0.012	0	31533	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.762	2.775	-0.013	91	60234	200.0	180.0	a
33 Methyl tert-butyl ether	73	2.842	2.848	-0.006	98	203298	20.0	20.2	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	98	70276	20.0	20.4	
35 Acrylonitrile	53	2.933	2.939	-0.006	95	262751	200.0	210.6	
36 Hexane	57	3.000	3.006	-0.006	94	87897	20.0	28.9	
37 Isopropyl ether	45	3.201	3.201	0.000	96	260973	20.0	21.2	
38 1,1-Dichloroethane	63	3.226	3.232	-0.006	99	131467	20.0	20.4	
39 Vinyl acetate	86	3.244	3.250	-0.006	100	21156	40.0	47.6	
40 2-Chloro-1,3-butadiene	88	3.268	3.268	0.000	90	62241	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	88	234906	20.0	21.0	
* 42 2-Butanone-d5	46	3.671	3.677	-0.006	0	243723	250.0	250.0	
43 2,2-Dichloropropane	97	3.689	3.689	0.000	72	18714	20.0	20.2	
44 cis-1,2-Dichloroethene	96	3.707	3.707	0.000	95	78705	20.0	20.3	
45 2-Butanone (MEK)	72	3.720	3.732	-0.012	95	34008	100.0	95.3	
46 Ethyl acetate	70	3.726	3.732	-0.006	94	12697	40.0	37.9	
47 Methyl acrylate	55	3.768	3.774	-0.006	98	52963	20.0	18.3	a
48 Propionitrile	54	3.848	3.860	-0.012	98	94230	200.0	216.8	
50 Tetrahydrofuran	72	3.915	3.921	-0.006	48	18458	40.0	44.5	a
49 Chlorobromomethane	128	3.915	3.921	-0.006	90	36723	20.0	19.9	
51 Methacrylonitrile	67	3.939	3.945	-0.006	93	277375	200.0	203.7	
52 Chloroform	83	3.970	3.969	0.001	98	122113	20.0	20.4	
53 Cyclohexane	84	4.079	4.085	-0.006	94	100416	20.0	24.4	
54 1,1,1-Trichloroethane	97	4.104	4.104	0.000	98	102616	20.0	21.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	97	111505	50.0	52.2	
56 Carbon tetrachloride	117	4.207	4.213	-0.006	98	83569	20.0	21.1	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	97	90078	20.0	20.4	
58 Isobutyl alcohol	43	4.390	4.396	-0.006	91	91800	500.0	524.4	a
59 Isooctane	57	4.396	4.402	-0.006	99	240753	20.0	25.7	
60 Benzene	78	4.421	4.421	0.000	97	278515	20.0	20.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	119241	50.0	50.5	
62 Tert-amyl methyl ether	73	4.488	4.494	-0.006	80	244551	20.0	20.3	
63 Isopropyl acetate	61	4.500	4.494	0.006	93	36539	20.0	20.0	
64 1,2-Dichloroethane	62	4.512	4.518	-0.006	96	83050	20.0	20.0	
65 n-Heptane	100	4.573	4.579	-0.006	95	13466	20.0	28.1	
* 66 Fluorobenzene	96	4.695	4.701	-0.006	99	415224	50.0	50.0	
67 n-Butanol	56	5.018	5.024	-0.006	47	24299	500.0	430.2	
68 Trichloroethene	95	5.030	5.036	-0.006	98	65452	20.0	18.9	
69 Methylcyclohexane	83	5.146	5.146	0.000	90	110937	20.0	24.8	
70 Ethyl acrylate	99	5.164	5.152	0.012	96	8613	20.0	23.1	
71 1,2-Dichloropropane	63	5.305	5.311	-0.006	94	72544	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.372	5.384	-0.012	0	14127	1000.0	1000.0	
73 Methyl methacrylate	100	5.396	5.396	0.000	93	28796	40.0	38.7	
75 1,4-Dioxane	88	5.427	5.433	-0.006	37	7335	400.0	397.5	
74 Dibromomethane	93	5.433	5.433	0.000	96	40137	20.0	19.6	
76 n-Propyl acetate	43	5.457	5.457	0.000	99	87704	20.0	20.2	
77 Dichlorobromomethane	83	5.585	5.585	0.000	99	83133	20.0	19.0	
78 2-Nitropropane	41	5.908	5.914	-0.006	78	26899	40.0	35.1	
79 2-Chloroethyl vinyl ether	63	5.920	5.920	0.000	82	39008	20.0	19.4	
80 Epichlorohydrin	57	6.018	6.018	0.000	91	5762	20.0	21.1	a
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	92	90044	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	58	6.237	6.237	0.000	97	138715	100.0	102.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	99	374069	50.0	49.7	
84 Toluene	91	6.371	6.371	0.000	93	258591	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	96	80032	20.0	19.4	
86 Ethyl methacrylate	69	6.768	6.768	0.000	90	79914	20.0	20.1	
87 1,1,2-Trichloroethane	83	6.932	6.932	0.000	97	46981	20.0	19.3	
88 Tetrachloroethene	166	6.963	6.963	0.000	97	56753	20.0	19.4	
89 1,3-Dichloropropane	76	7.134	7.133	0.001	95	87779	20.0	19.5	
90 2-Hexanone	43	7.213	7.213	0.000	97	201790	100.0	100.8	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	102822	20.0	20.1	
92 Chlorodibromomethane	129	7.353	7.353	0.000	98	56081	20.0	18.8	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	51343	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	89	280831	50.0	50.0	
95 Chlorobenzene	112	8.072	8.072	0.000	94	158825	20.0	19.8	
96 Ethylbenzene	106	8.182	8.182	0.000	98	92245	20.0	19.9	
97 1,1,1,2-Tetrachloroethane	131	8.200	8.200	0.000	96	64864	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	112218	20.0	20.1	
99 o-Xylene	106	8.859	8.859	0.000	94	118471	20.0	19.7	
100 n-Butyl acrylate	73	8.871	8.871	0.000	97	52561	20.0	20.4	
101 Styrene	104	8.895	8.895	0.000	95	176090	20.0	19.9	
102 Bromoform	173	9.151	9.151	0.000	97	37514	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	89	134157	20.0	20.6	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	306213	20.0	21.0	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	90	113208	50.0	51.2	
106 Bromobenzene	156	9.700	9.700	0.000	99	70241	20.0	19.4	
107 1,1,2,2-Tetrachloroethane	83	9.785	9.785	0.000	99	80008	20.0	20.1	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	371493	20.0	19.8	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	98	21096	20.0	19.7	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	83	15588	20.0	22.3	a
111 2-Chlorotoluene	91	9.913	9.913	0.000	96	249765	20.0	19.5	
112 4-Ethyltoluene	105	9.938	9.938	0.000	98	305239	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	10.011	10.017	-0.006	93	257322	20.0	19.4	
114 4-Chlorotoluene	91	10.041	10.041	0.000	98	236536	20.0	19.7	
115 Butyl Methacrylate	87	10.151	10.151	0.000	90	97007	20.0	20.5	
116 tert-Butylbenzene	119	10.328	10.328	0.000	94	195121	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	98	270838	20.0	19.6	
118 sec-Butylbenzene	105	10.554	10.554	0.000	99	332880	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	96	137744	20.0	19.5	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	282058	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	96	161675	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.779	10.779	0.000	95	141281	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	99	284784	20.0	19.5	
124 Benzyl chloride	91	10.925	10.925	0.000	98	98750	20.0	21.4	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	94	280506	20.0	20.0	
126 p-Diethylbenzene	119	11.053	11.053	0.000	93	182274	20.0	23.6	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	157722	20.0	20.8	
128 1,2-Dichlorobenzene	146	11.121	11.121	0.000	96	144156	20.0	19.9	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	97	280058	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	97	16141	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	11.931	11.931	0.000	97	120328	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.437	12.437	0.000	94	111487	20.0	19.9	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	96	46703	20.0	20.5	
134 Naphthalene	128	12.626	12.626	0.000	99	279776	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	108491	20.0	20.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 137 Xylenes, Total	100				0		40.0	39.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.8	
S 140 Total BTEX	1				0		100.0	99.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260 SP_00159	Amount Added: 20.00	Units: uL	
GAS C SP_00484	Amount Added: 20.00	Units: uL	
8FreonsSS_00050	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00142	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

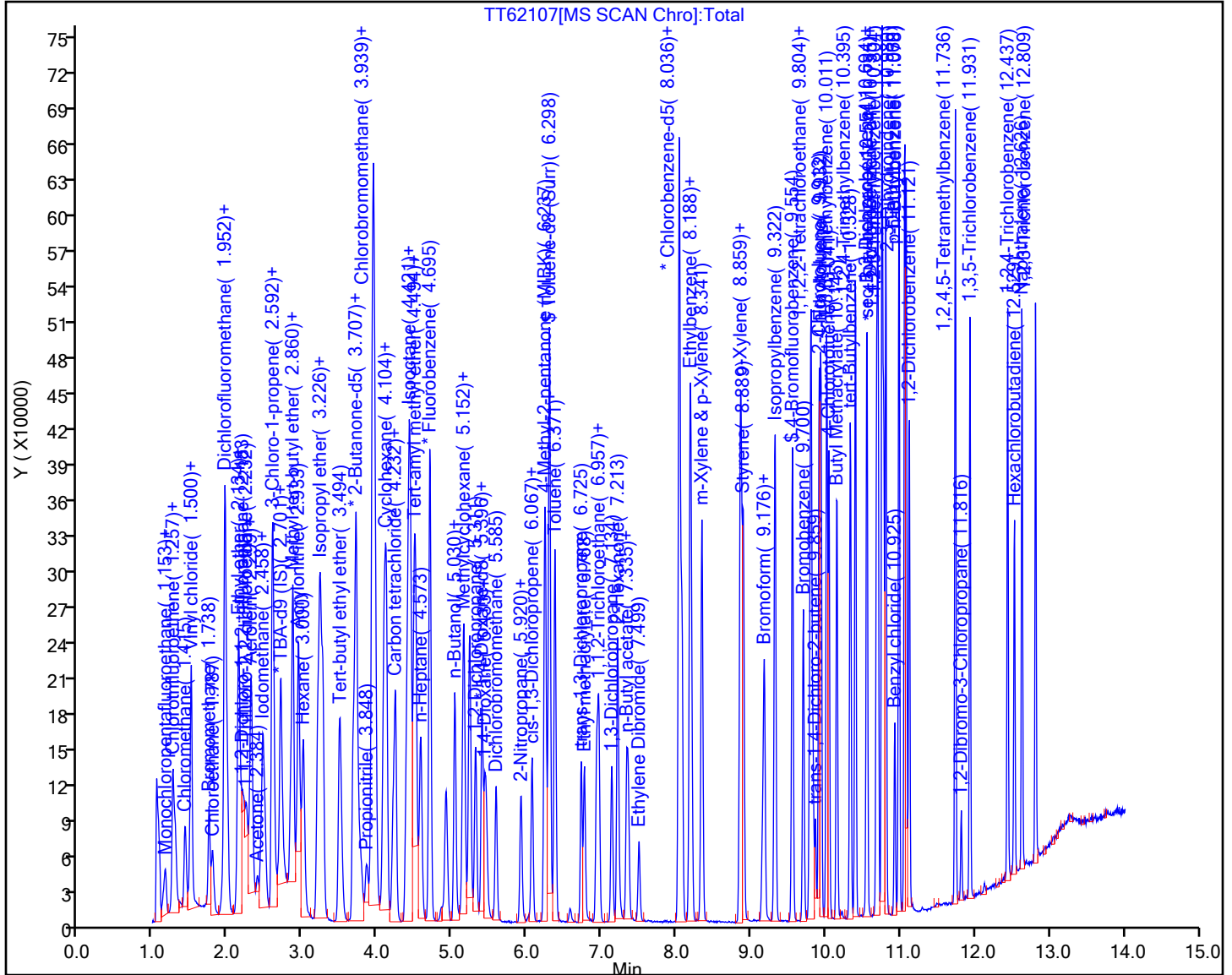
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

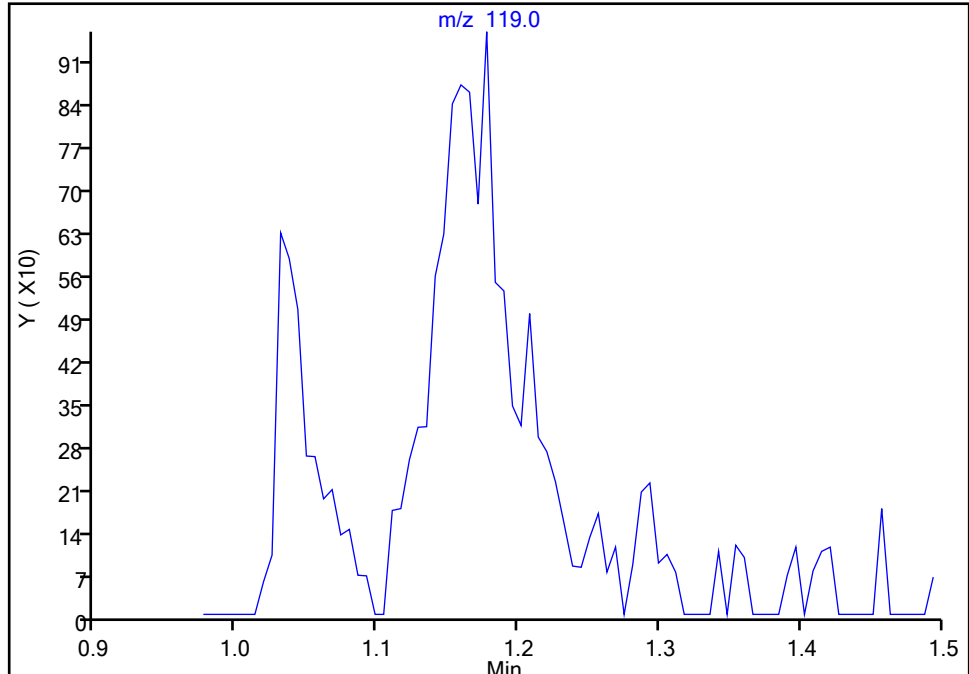
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

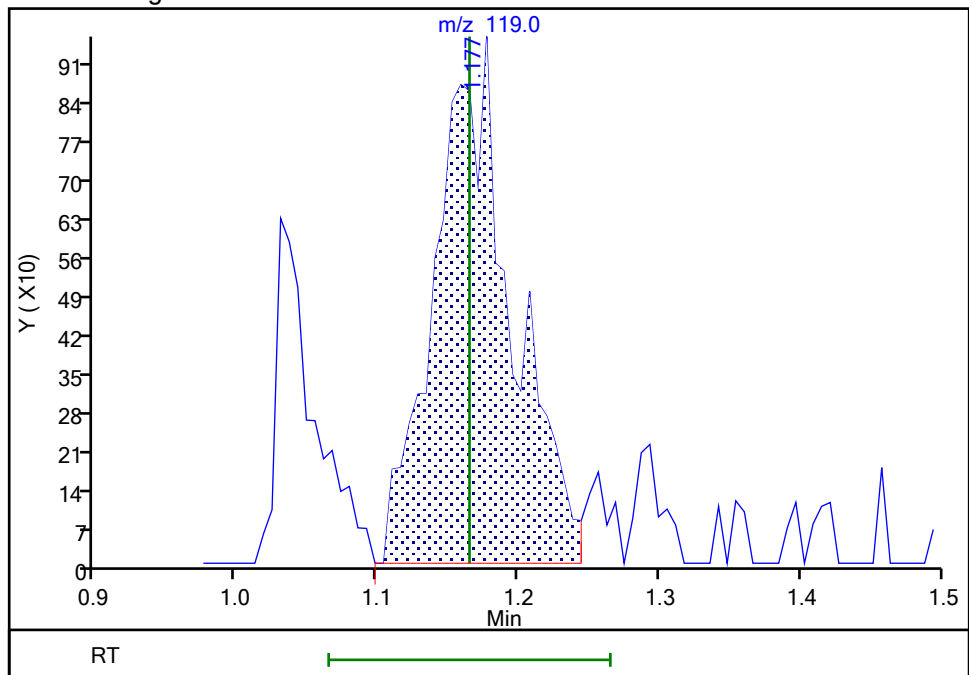
Not Detected

Expected RT: 1.17

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:27:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

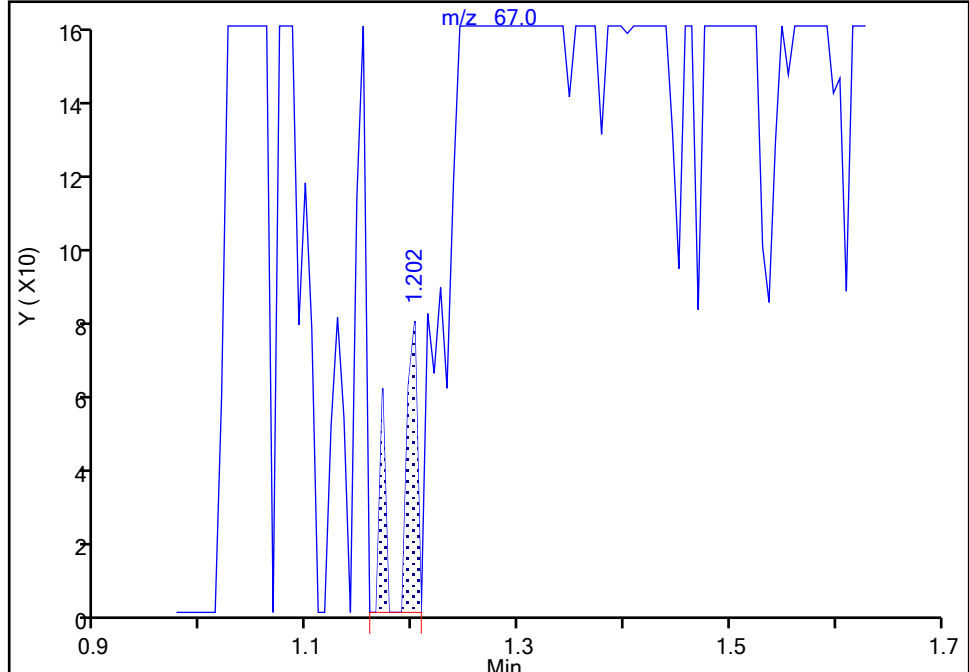
MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

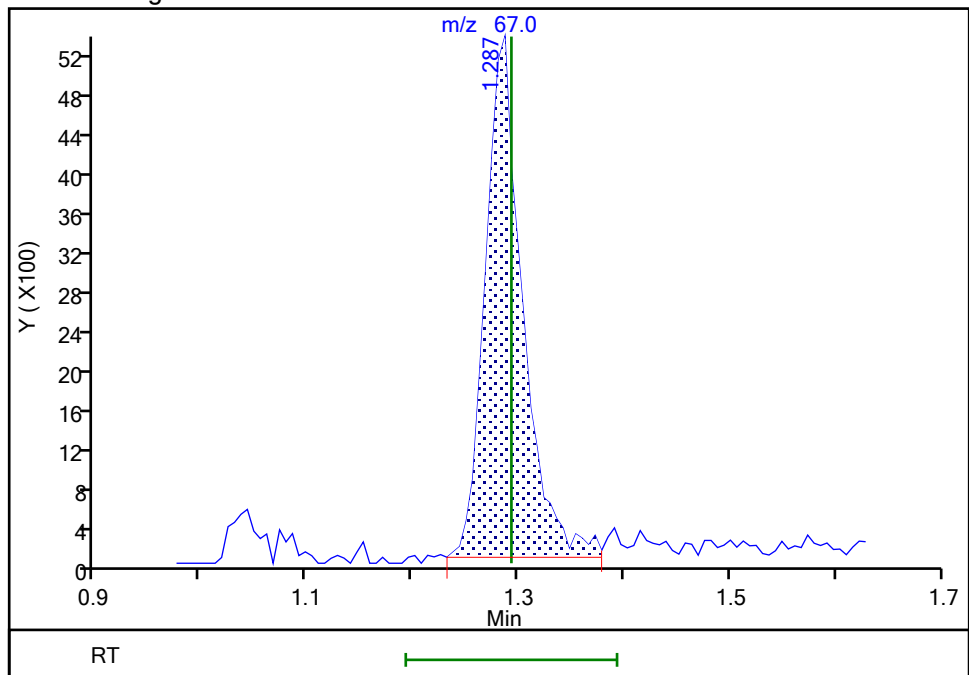
RT: 1.20
Area: 73
Amount: 0.107663
Amount Units: ug/l

Processing Integration Results



RT: 1.29
Area: 12851
Amount: 19.015173
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:27:53

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

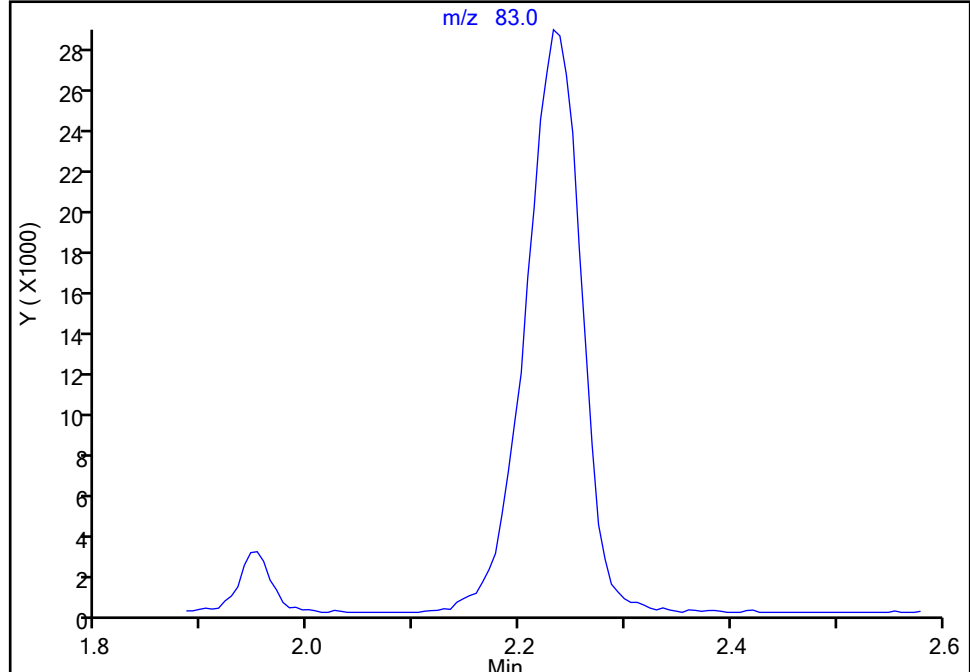
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

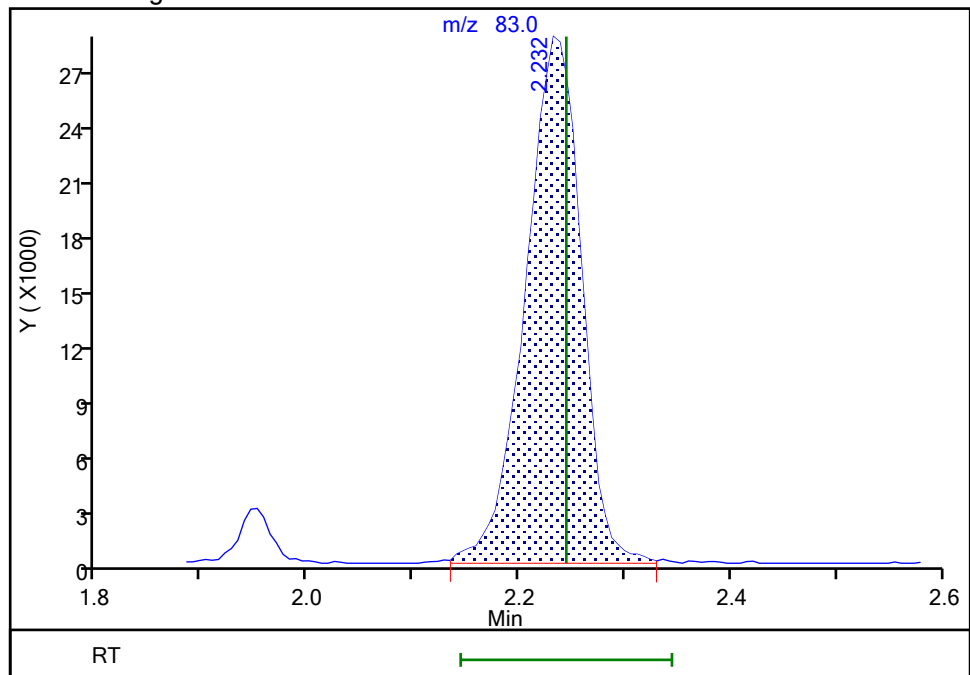
Expected RT: 2.24

Processing Integration Results



RT: 2.23
Area: 102869
Amount: 20.944962
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

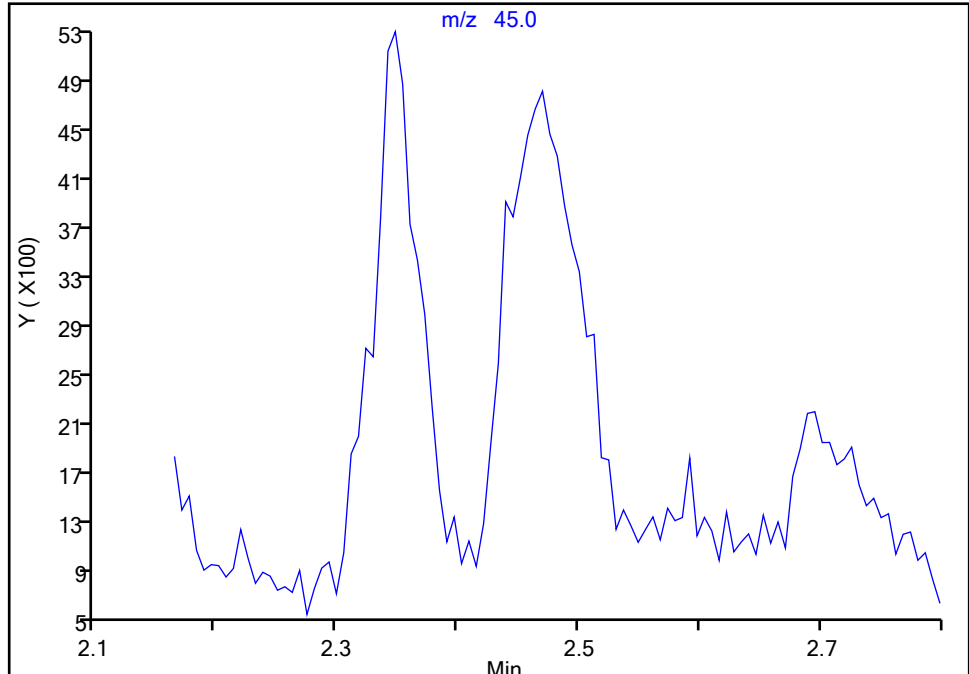
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

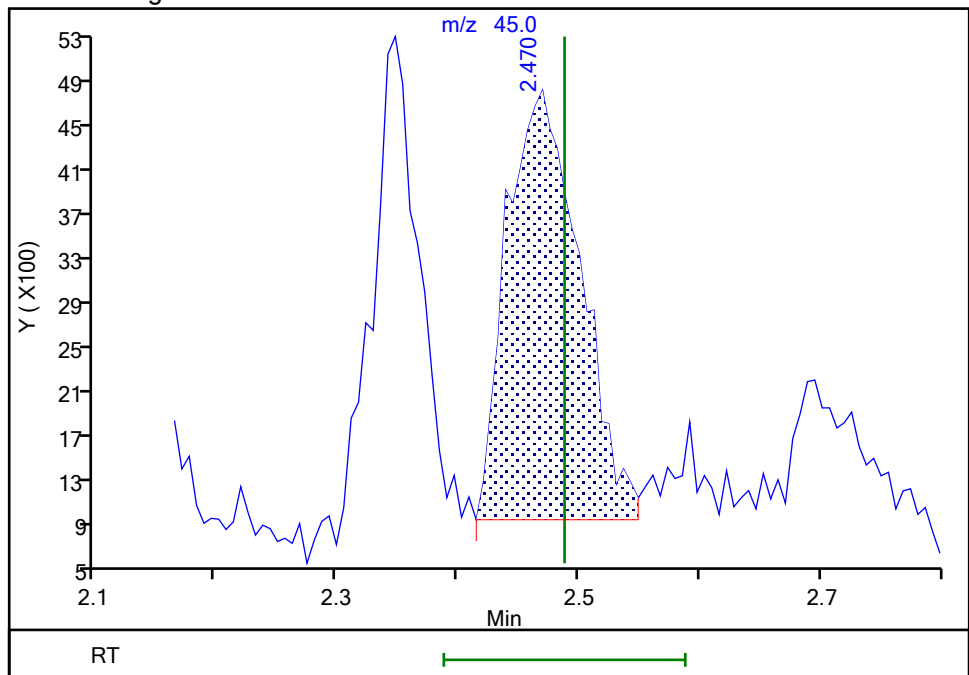
Not Detected

Expected RT: 2.49

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

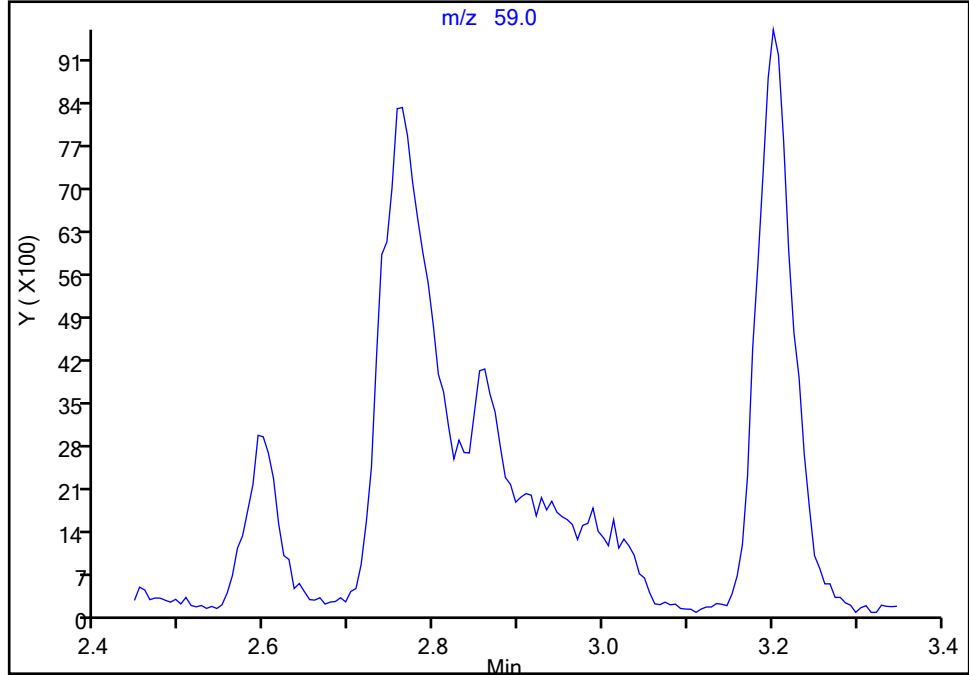
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

Expected RT: 2.77

Processing Integration Results



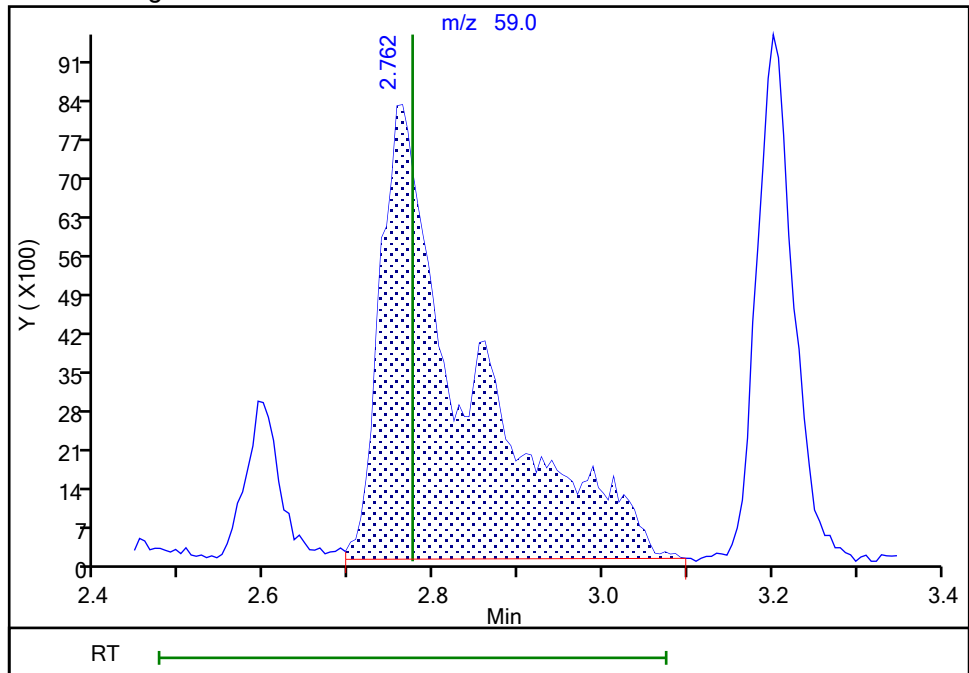
RT: 2.76

Area: 60234

Amount: 179.9936

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

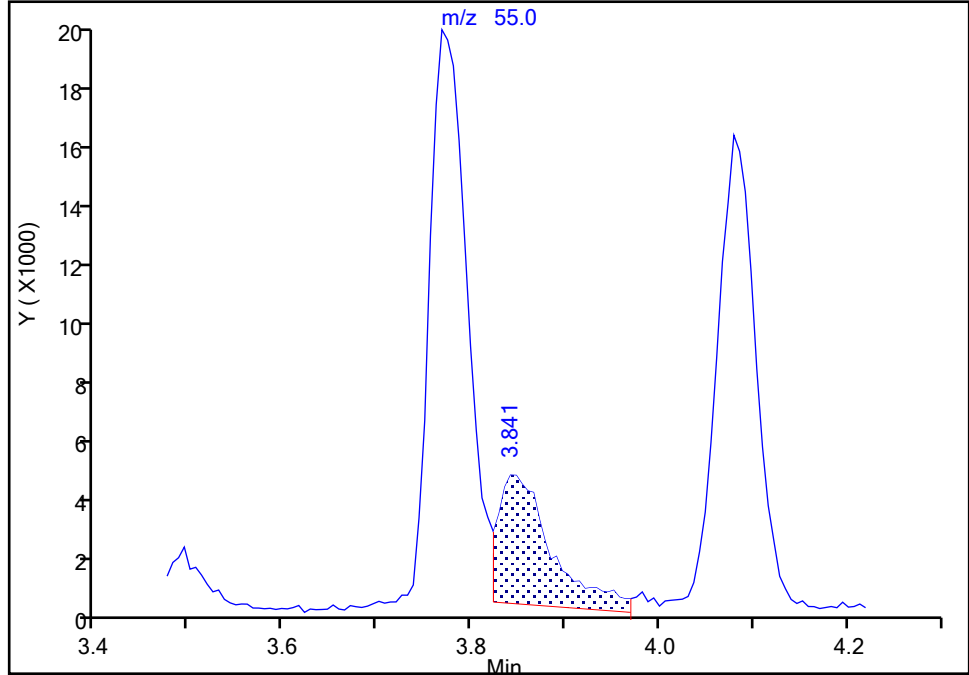
Detector: MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

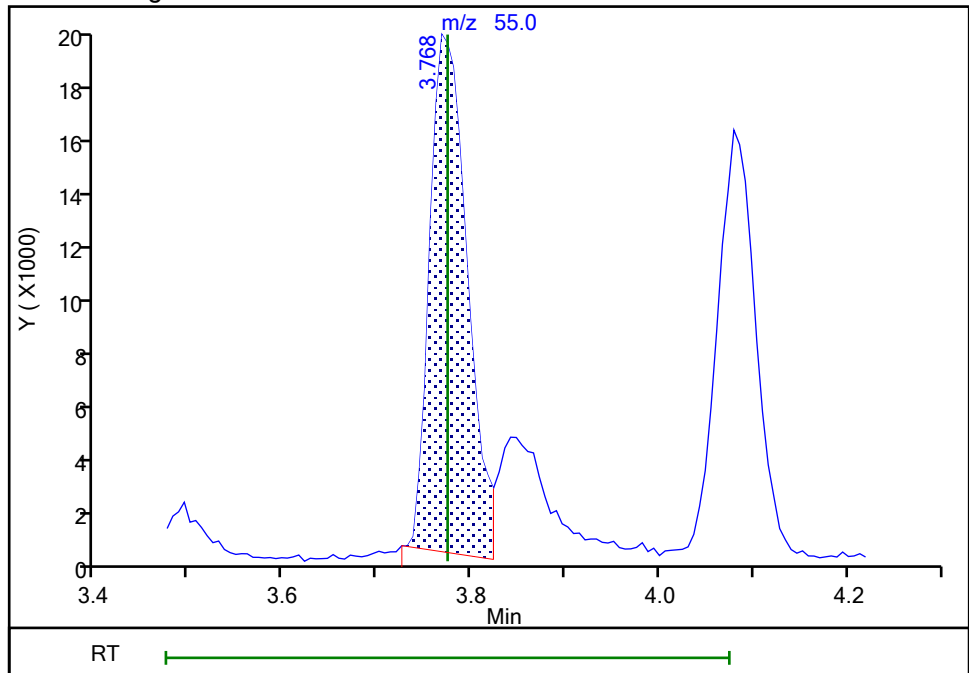
RT: 3.84
Area: 17195
Amount: 5.814817
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 52963
Amount: 18.295241
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

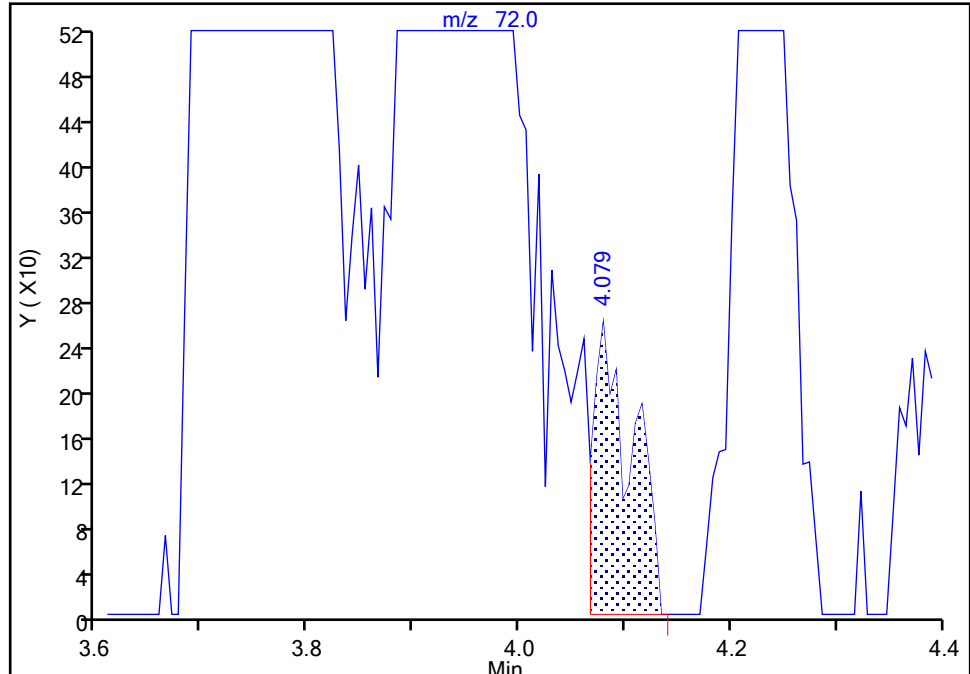
MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

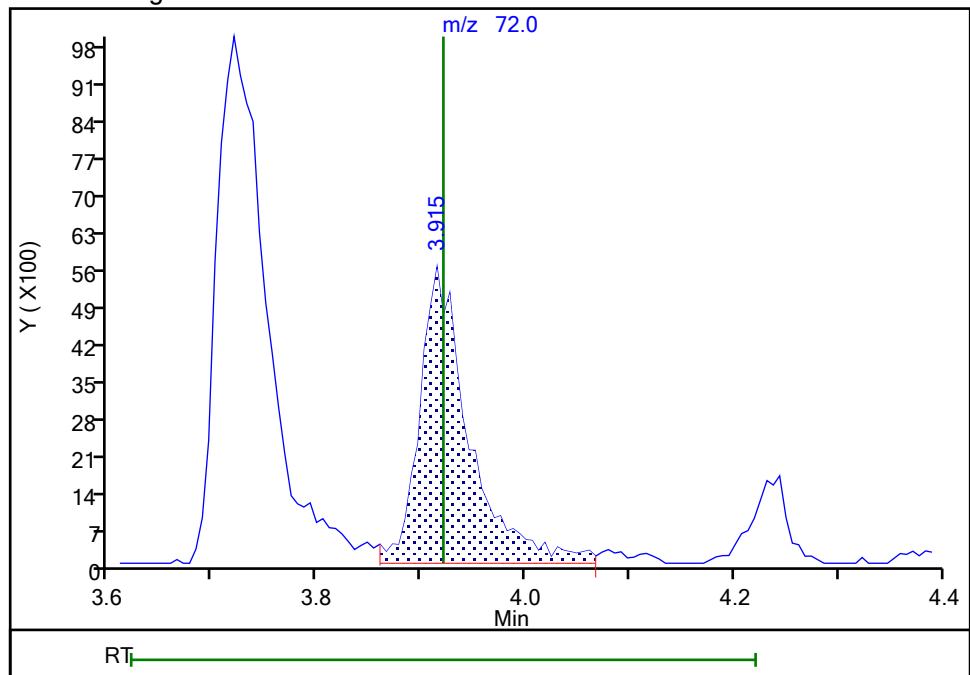
RT: 4.08
Area: 657
Amount: 1.581471
Amount Units: ug/l

Processing Integration Results



RT: 3.91
Area: 18458
Amount: 44.461339
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

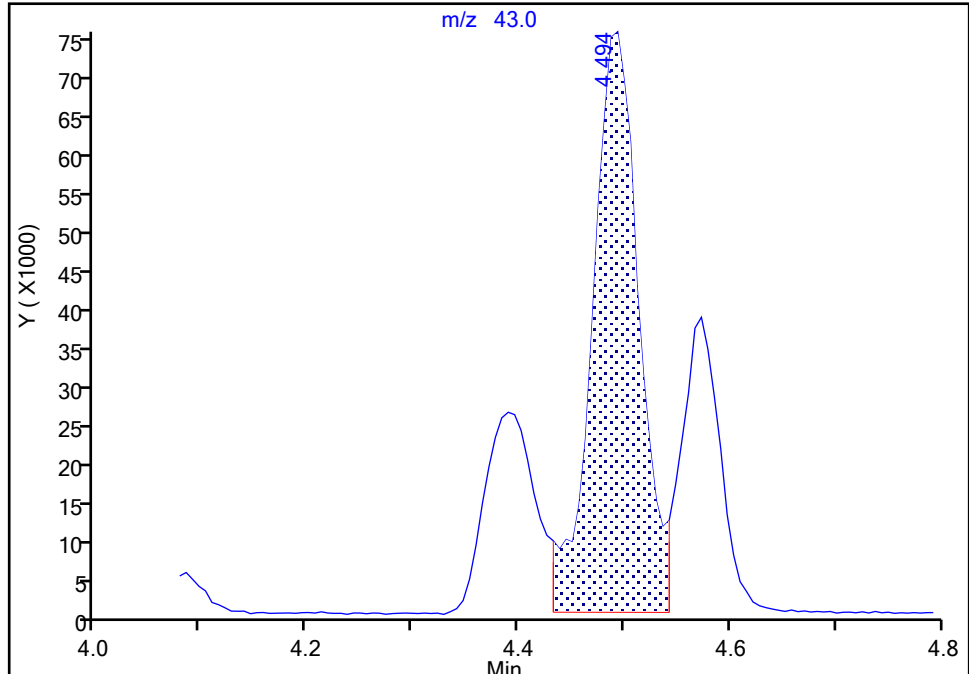
MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

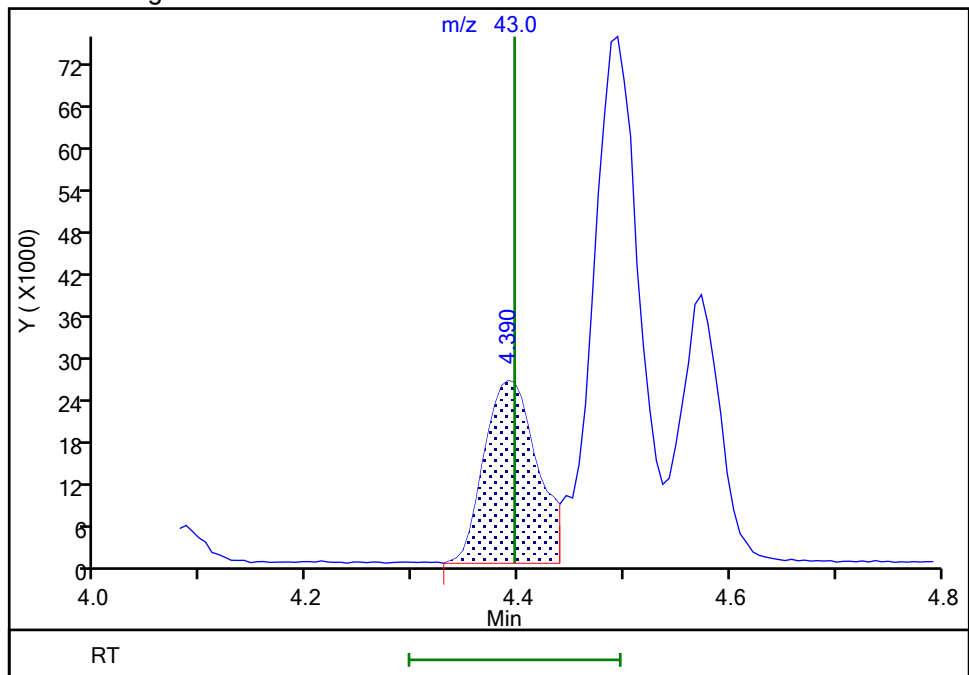
RT: 4.49
Area: 234072
Amount: 1336.4488
Amount Units: ug/l

Processing Integration Results



RT: 4.39
Area: 91800
Amount: 524.4194
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:28:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

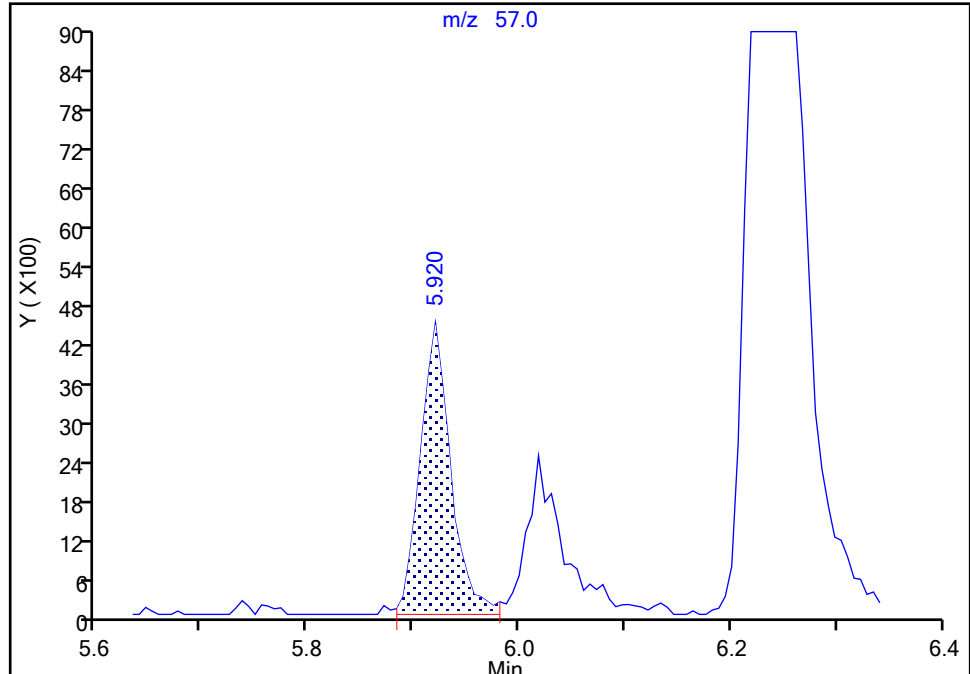
MS Quad

80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

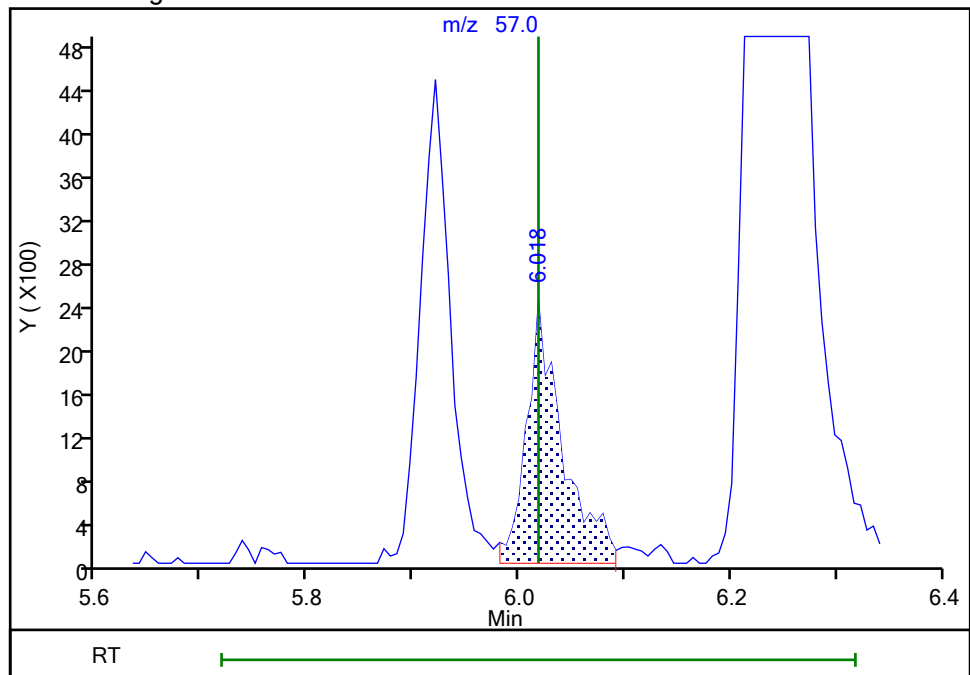
RT: 5.92
Area: 8966
Amount: 32.792561
Amount Units: ug/l

Processing Integration Results



RT: 6.02
Area: 5762
Amount: 21.074140
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:29:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62107.D

Injection Date: 15-Oct-2022 11:50:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

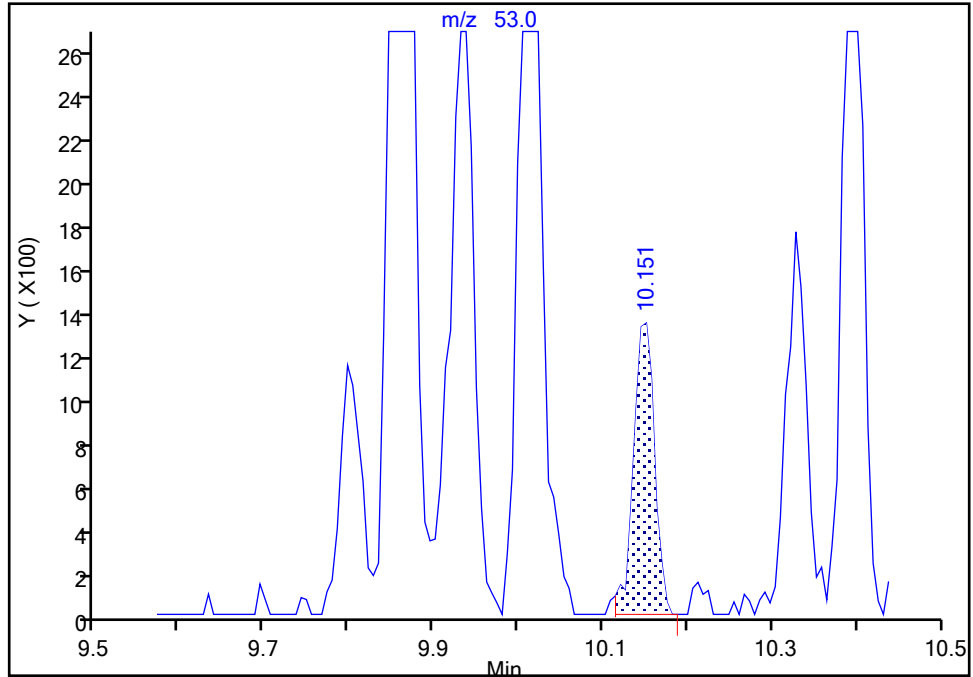
MS Quad

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

Signal: 1

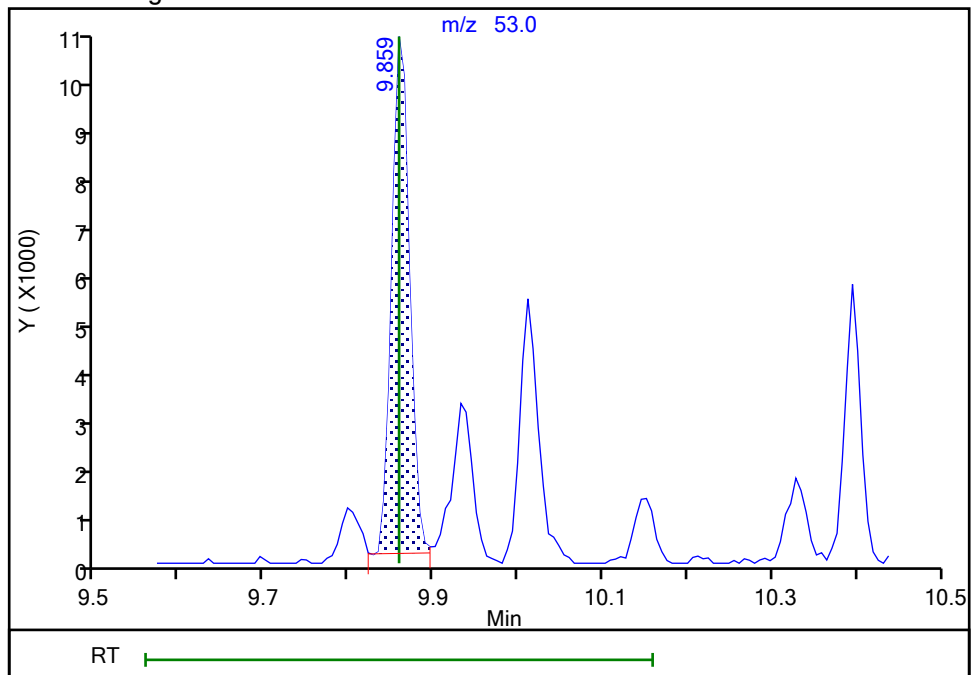
RT: 10.15
Area: 2300
Amount: 3.176083
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 15588
Amount: 22.255333
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Oct-2022 13:29:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875343/4 Calibration Date: 11/01/2022 07:20

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62718.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0303	0.0354		23.3	20.0	16.6	20.0
Chlorotrifluoroethene	Ave	0.1494	0.1385		18.5	20.0	-7.3	20.0
1,1-Difluoroethane	Ave	0.2523	0.2265		18.0	20.0	-10.2	20.0
Dichlorodifluoromethane	Ave	0.3996	0.3232	0.1000	16.2	20.0	-19.1	20.0
Chlorodifluoromethane	QuaF		0.0736		18.1	20.0	-9.6	20.0
Chloromethane	Ave	0.5958	0.4769	0.1000	16.0	20.0	-19.9	20.0
Vinyl chloride	Ave	0.4722	0.4159	0.1000	17.6	20.0	-11.9	20.0
Butadiene	QuaF		0.4118		18.1	20.0	-9.6	20.0
Bromomethane	Ave	2.891	3.169	0.1000	21.9	20.0	9.6	50.0
Chloroethane	Ave	2.496	2.586	0.1000	20.7	20.0	3.6	50.0
Dichlorofluoromethane	Ave	0.8352	0.7539		18.1	20.0	-9.7	20.0
Pentane	Qua2		0.0495		46.7	40.0	16.7	20.0
Trichlorofluoromethane	Ave	0.4778	0.4480	0.1000	18.8	20.0	-6.2	20.0
Ethanol	Ave	0.2384	0.2245		753	800	-5.8	50.0
Ethyl ether	Ave	0.2399	0.2289		19.1	20.0	-4.6	20.0
2-Methyl-1,3-butadiene	Ave	0.3460	0.3296		19.1	20.0	-4.7	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.3416	0.3542		20.7	20.0	3.7	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.5914	0.5699		19.3	20.0	-3.6	20.0
Acrolein	QuaF		0.0467		44.8	40.0	11.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3036	0.3196	0.1000	21.1	20.0	5.3	20.0
1,1-Dichloroethene	Ave	0.3712	0.3830	0.1000	20.6	20.0	3.2	20.0
Acetone	Ave	0.995	0.8867	0.0500	89.1	100	-10.9	50.0
Iodomethane	Ave	0.6977	0.7471		21.4	20.0	7.1	20.0
Isopropyl alcohol	Ave	3.275	3.069		187	200	-6.3	50.0
Carbon disulfide	Ave	1.576	1.540	0.1000	19.5	20.0	-2.3	50.0
3-Chloro-1-propene	Ave	0.2933	0.2886		19.7	20.0	-1.6	20.0
Cyclopentene	Ave	0.9464	0.8591		18.2	20.0	-9.2	20.0
Methyl acetate	Ave	0.3077	0.2085	0.1000	27.1	40.0	-32.2*	20.0
Acetonitrile	Ave	0.1210	0.1013		167	200	-16.3	20.0
Methylene Chloride	Ave	0.4763	0.4611	0.1000	19.4	20.0	-3.2	20.0
2-Methyl-2-propanol	Ave	10.61	10.30		194	200	-3.0	50.0
Methyl tert-butyl ether	Ave	1.212	1.120	0.1000	18.5	20.0	-7.6	20.0
trans-1,2-Dichloroethene	Ave	0.4153	0.4189	0.1000	20.2	20.0	0.9	20.0
Acrylonitrile	Ave	0.1502	0.1382		184	200	-8.0	20.0
Hexane	Qua2		0.3755		20.2	20.0	1.1	20.0
Isopropyl ether	Ave	1.485	1.237		16.7	20.0	-16.7	20.0
1,1-Dichloroethane	Ave	0.7745	0.7037	0.2000	18.2	20.0	-9.2	20.0
Vinyl acetate	Ave	0.4558	0.6564		57.6	40.0	44.0*	20.0
2-Chloro-1,3-butadiene	Ave	0.3544	0.3430		19.4	20.0	-3.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875343/4 Calibration Date: 11/01/2022 07:20

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62718.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	1.348	1.177		17.5	20.0	-12.7	20.0
2,2-Dichloropropane	Ave	0.1117	0.1471		26.3	20.0	31.7*	20.0
cis-1,2-Dichloroethene	Ave	0.4678	0.4575	0.1000	19.6	20.0	-2.2	20.0
2-Butanone (MEK)	Ave	0.3660	0.3686	0.0500	101	100	0.7	50.0
Ethyl acetate	Ave	0.3433	0.3585		41.8	40.0	4.4	20.0
Methyl acrylate	Ave	0.3486	0.2758		15.8	20.0	-20.9*	20.0
Propionitrile	Ave	13.78	13.54		197	200	-1.7	20.0
Chlorobromomethane	Ave	0.2225	0.2225		20.0	20.0	-0.0	20.0
Tetrahydrofuran	Ave	0.4258	0.4810		45.2	40.0	12.9	20.0
Methacrylonitrile	Ave	0.1639	0.1473		180	200	-10.2	20.0
Chloroform	Ave	0.7193	0.6621	0.2000	18.4	20.0	-8.0	20.0
Cyclohexane	Ave	0.4955	0.5247	0.1000	21.2	20.0	5.9	50.0
1,1,1-Trichloroethane	Ave	0.5873	0.5548	0.1000	18.9	20.0	-5.5	20.0
Carbon tetrachloride	Ave	0.4777	0.4626	0.1000	19.4	20.0	-3.2	20.0
1,1-Dichloropropene	Ave	0.5318	0.5014		18.9	20.0	-5.7	20.0
Isobutyl alcohol	Ave	5.551	4.836		436	500	-12.9	50.0
Isooctane	Ave	1.130	0.9591		17.0	20.0	-15.1	20.0
Benzene	Ave	2.424	2.201	0.5000	18.2	20.0	-9.2	20.0
Tert-amyl methyl ether	Ave	1.453	1.318		18.1	20.0	-9.3	20.0
Isopropyl acetate	Ave	0.2204	0.1999		18.1	20.0	-9.3	20.0
1,2-Dichloroethane	Ave	0.5001	0.4084	0.1000	16.3	20.0	-18.3	20.0
n-Heptane	Qua2		0.0682		23.5	20.0	17.7	20.0
Trichloroethene	Ave	0.4174	0.3766	0.2000	18.0	20.0	-9.8	20.0
n-Butanol	Ave	1.791	1.564		437	500	-12.7	50.0
Methylcyclohexane	Ave	0.5376	0.5470	0.1000	20.4	20.0	1.8	50.0
Ethyl acrylate	Ave	0.0449	0.0499		22.2	20.0	11.1	20.0
1,2-Dichloropropane	Ave	0.4406	0.3825	0.1000	17.4	20.0	-13.2	20.0
Methyl methacrylate	Ave	0.0897	0.0848		37.8	40.0	-5.4	20.0
1,4-Dioxane	Ave	1.306	1.694		519	400	29.7	50.0
Dibromomethane	Ave	0.2468	0.2209		17.9	20.0	-10.5	20.0
n-Propyl acetate	Ave	0.5223	0.4197		16.1	20.0	-19.6	20.0
Dichlorobromomethane	Ave	0.5280	0.4418	0.2000	16.7	20.0	-16.3	20.0
2-Chloroethyl vinyl ether	Ave	0.2416	0.2069		17.2	20.0	-14.4	20.0
2-Nitropropane	Ave	0.0924	0.0635		27.5	40.0	-31.3*	20.0
Epichlorohydrin	Ave	0.2805	0.3126		446	400	11.5	20.0
cis-1,3-Dichloropropene	Ave	0.8747	0.7590	0.2000	17.4	20.0	-13.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.383	1.435	0.0500	104	100	3.7	50.0
Toluene	Ave	2.353	2.134	0.4000	18.1	20.0	-9.3	20.0
trans-1,3-Dichloropropene	Ave	0.7333	0.6211	0.1000	16.9	20.0	-15.3	50.0
Ethyl methacrylate	Ave	0.7088	0.6135		17.3	20.0	-13.4	20.0
1,1,2-Trichloroethane	Ave	0.4329	0.3756	0.1000	17.4	20.0	-13.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Lab Sample ID: CCVIS 460-875343/4 Calibration Date: 11/01/2022 07:20

Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30

Lab File ID: TT62718.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.5204	0.5334	0.2000	20.5	20.0	2.5	20.0
1,3-Dichloropropane	Ave	0.8026	0.7056		17.6	20.0	-12.1	20.0
2-Hexanone	Ave	2.053	1.883	0.0500	91.7	100	-8.3	50.0
n-Butyl acetate	Ave	0.9092	0.7046		15.5	20.0	-22.5*	20.0
Chlorodibromomethane	Ave	0.5311	0.4634	0.1000	17.5	20.0	-12.7	50.0
Ethylene Dibromide	Ave	0.4668	0.4404	0.1000	18.9	20.0	-5.7	20.0
Chlorobenzene	Ave	1.432	1.353	0.5000	18.9	20.0	-5.5	20.0
Ethylbenzene	Ave	0.8244	0.7983	0.1000	19.4	20.0	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5709	0.5284		18.5	20.0	-7.5	20.0
m-Xylene & p-Xylene	Ave	0.9940	0.9609	0.1000	19.3	20.0	-3.3	20.0
o-Xylene	Ave	1.069	1.021	0.3000	19.1	20.0	-4.5	20.0
n-Butyl acrylate	Ave	0.4587	0.3852		16.8	20.0	-16.0	20.0
Styrene	Ave	1.578	1.532	0.3000	19.4	20.0	-2.9	20.0
Bromoform	Ave	0.3528	0.3152	0.1000	17.9	20.0	-10.6	20.0
Amyl acetate (mixed isomers)	Ave	2.014	1.472		14.6	20.0	-26.9*	20.0
Isopropylbenzene	Ave	2.598	2.588	0.1000	19.9	20.0	-0.4	20.0
Bromobenzene	Ave	1.122	1.075		19.2	20.0	-4.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.231	1.100	0.3000	17.9	20.0	-10.7	20.0
N-Propylbenzene	Ave	5.795	5.149		17.8	20.0	-11.1	20.0
1,2,3-Trichloropropane	Ave	0.3305	0.2909		17.6	20.0	-12.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2166	0.1345		12.4	20.0	-37.9*	20.0
2-Chlorotoluene	Ave	3.965	3.418		17.2	20.0	-13.8	20.0
4-Ethyltoluene	Ave	4.727	4.252		18.0	20.0	-10.0	20.0
1,3,5-Trimethylbenzene	Ave	4.098	3.618		17.7	20.0	-11.7	20.0
4-Chlorotoluene	Ave	3.717	3.265		17.6	20.0	-12.2	20.0
Butyl Methacrylate	Ave	1.463	1.215		16.6	20.0	-17.0	20.0
tert-Butylbenzene	Ave	3.208	2.786		17.4	20.0	-13.1	20.0
1,2,4-Trimethylbenzene	Ave	4.263	3.787		17.8	20.0	-11.2	20.0
sec-Butylbenzene	Ave	5.198	4.768		18.3	20.0	-8.3	20.0
1,3-Dichlorobenzene	Ave	2.188	2.073	0.6000	18.9	20.0	-5.3	20.0
4-Isopropyltoluene	Ave	4.344	4.046		18.6	20.0	-6.9	20.0
1,4-Dichlorobenzene	Ave	2.213	2.097	0.5000	19.0	20.0	-5.2	20.0
1,2,3-Trimethylbenzene	Ave	4.507	3.877		17.2	20.0	-14.0	20.0
Benzyl chloride	Ave	1.429	2.057		28.8	20.0	44.0	50.0
Indan	Ave	4.347	3.922		18.0	20.0	-9.8	20.0
p-Diethylbenzene	Ave	2.386	2.587		21.7	20.0	8.4	20.0
n-Butylbenzene	Ave	2.343	2.257		19.3	20.0	-3.7	20.0
1,2-Dichlorobenzene	Ave	2.240	2.131	0.4000	19.0	20.0	-4.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.384	3.895		17.8	20.0	-11.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2776	0.2376	0.0500	17.1	20.0	-14.4	50.0
1,3,5-Trichlorobenzene	Ave	1.835	1.872		20.4	20.0	2.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268448-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-875343/4 Calibration Date: 11/01/2022 07:20
 Instrument ID: CVOAMS17 Calib Start Date: 10/15/2022 02:05
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/15/2022 04:30
 Lab File ID: TT62718.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.735	1.801	0.2000	20.8	20.0	3.8	20.0
Hexachlorobutadiene	Ave	0.7056	0.7352		20.8	20.0	4.2	20.0
Naphthalene	Ave	4.425	4.181		18.9	20.0	-5.5	50.0
1,2,3-Trichlorobenzene	Ave	1.669	1.701		20.4	20.0	1.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2570	0.2538		49.4	50.0	-1.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2843	0.2501		44.0	50.0	-12.0	20.0
Toluene-d8 (Surr)	Ave	1.341	1.268		47.3	50.0	-5.5	20.0
4-Bromofluorobenzene	Ave	0.3937	0.4273		54.3	50.0	8.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 01-Nov-2022 07:20:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0152569-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 12:36:51 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1686

First Level Reviewer: FK2C

Date: 01-Nov-2022 07:58:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.153	1.153	0.000	45	6801	20.0	23.3	a
3 Chlorotrifluoroethene	116	1.238	1.238	0.000	87	26638	20.0	18.5	
2 1,1-Difluoroethane	65	1.251	1.251	0.000	96	43565	20.0	18.0	
4 Dichlorodifluoromethane	85	1.263	1.263	0.000	58	62159	20.0	16.2	
5 Chlorodifluoromethane	67	1.287	1.287	0.000	92	14146	20.0	18.1	a
6 Chloromethane	50	1.415	1.415	0.000	99	91725	20.0	16.0	
7 Vinyl chloride	62	1.488	1.488	0.000	98	79994	20.0	17.6	
8 Butadiene	54	1.501	1.501	0.000	93	79206	20.0	18.1	
9 Bromomethane	94	1.738	1.738	0.000	99	63499	20.0	21.9	
10 Chloroethane	64	1.781	1.781	0.000	99	51814	20.0	20.7	
11 Dichlorofluoromethane	67	1.946	1.946	0.000	99	144991	20.0	18.1	
13 Pentane	72	1.958	1.958	0.000	92	19049	40.0	46.7	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	60	86163	20.0	18.8	
15 Ethyl ether	74	2.122	2.122	0.000	94	44024	20.0	19.1	
14 Ethanol	46	2.122	2.122	0.000	67	6039	800.0	753.4	
16 2-Methyl-1,3-butadiene	53	2.135	2.135	0.000	94	63394	20.0	19.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.190	2.190	0.000	91	68127	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.238	2.238	0.000	94	109598	20.0	19.3	a
19 Acrolein	56	2.281	2.281	0.000	47	17977	40.0	44.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.293	2.293	0.000	93	61462	20.0	21.1	
21 1,1-Dichloroethene	96	2.305	2.305	0.000	97	73662	20.0	20.6	
22 Acetone	43	2.391	2.391	0.000	90	88822	100.0	89.1	
23 Iodomethane	142	2.439	2.439	0.000	96	143683	20.0	21.4	
25 Isopropyl alcohol	45	2.464	2.464	0.000	26	20635	200.0	187.4	a
24 Carbon disulfide	76	2.470	2.470	0.000	98	296136	20.0	19.5	
26 3-Chloro-1-propene	76	2.580	2.580	0.000	95	55496	20.0	19.7	
28 Cyclopentene	67	2.598	2.598	0.000	92	165230	20.0	18.2	
27 Methyl acetate	43	2.598	2.598	0.000	59	80206	40.0	27.1	
29 Acetonitrile	40	2.677	2.677	0.000	31	20290	200.0	167.4	M
30 Methylene Chloride	84	2.696	2.696	0.000	90	88684	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.732	2.732	0.000	0	33621	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.787	2.787	0.000	92	69226	200.0	194.0	
33 Methyl tert-butyl ether	73	2.842	2.842	0.000	99	215484	20.0	18.5	
34 trans-1,2-Dichloroethene	96	2.860	2.860	0.000	94	80569	20.0	20.2	
35 Acrylonitrile	53	2.933	2.933	0.000	95	265737	200.0	184.0	
36 Hexane	57	3.000	3.000	0.000	91	72207	20.0	20.2	
37 Isopropyl ether	45	3.202	3.202	0.000	94	237948	20.0	16.7	
38 1,1-Dichloroethane	63	3.226	3.226	0.000	99	135328	20.0	18.2	
39 Vinyl acetate	86	3.244	3.244	0.000	100	26300	40.0	57.6	
40 2-Chloro-1,3-butadiene	88	3.262	3.262	0.000	88	65963	20.0	19.4	
41 Tert-butyl ethyl ether	59	3.488	3.488	0.000	90	226388	20.0	17.5	
* 42 2-Butanone-d5	46	3.671	3.671	0.000	0	250438	250.0	250.0	
43 2,2-Dichloropropane	97	3.695	3.695	0.000	92	28285	20.0	26.3	
44 cis-1,2-Dichloroethene	96	3.701	3.701	0.000	99	87992	20.0	19.6	
45 2-Butanone (MEK)	72	3.714	3.714	0.000	96	36928	100.0	100.7	
46 Ethyl acetate	70	3.720	3.720	0.000	95	14366	40.0	41.8	
47 Methyl acrylate	55	3.762	3.762	0.000	98	53042	20.0	15.8	a
48 Propionitrile	54	3.854	3.854	0.000	98	91077	200.0	196.5	
49 Chlorobromomethane	128	3.915	3.915	0.000	87	42783	20.0	20.0	
50 Tetrahydrofuran	72	3.915	3.915	0.000	51	19273	40.0	45.2	
51 Methacrylonitrile	67	3.933	3.933	0.000	90	283247	200.0	179.7	
52 Chloroform	83	3.964	3.964	0.000	99	127336	20.0	18.4	
53 Cyclohexane	84	4.079	4.079	0.000	90	100917	20.0	21.2	
54 1,1,1-Trichloroethane	97	4.098	4.098	0.000	98	106704	20.0	18.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	98	122038	50.0	49.4	
56 Carbon tetrachloride	117	4.207	4.207	0.000	96	88969	20.0	19.4	
57 1,1-Dichloropropene	75	4.232	4.232	0.000	98	96431	20.0	18.9	
58 Isobutyl alcohol	43	4.390	4.390	0.000	40	81303	500.0	435.6	a
59 Isooctane	57	4.396	4.396	0.000	99	184452	20.0	17.0	
60 Benzene	78	4.421	4.421	0.000	96	301291	20.0	18.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.439	4.439	0.000	0	120253	50.0	44.0	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	84	253447	20.0	18.1	
63 Isopropyl acetate	61	4.494	4.494	0.000	88	38437	20.0	18.1	
64 1,2-Dichloroethane	62	4.512	4.512	0.000	96	78540	20.0	16.3	
65 n-Heptane	100	4.573	4.573	0.000	91	13123	20.0	23.5	
* 66 Fluorobenzene	96	4.695	4.695	0.000	99	480801	50.0	50.0	
68 Trichloroethene	95	5.030	5.030	0.000	98	72421	20.0	18.0	
67 n-Butanol	56	5.037	5.037	0.000	52	26295	500.0	436.6	
69 Methylcyclohexane	83	5.146	5.146	0.000	90	105199	20.0	20.4	
70 Ethyl acrylate	99	5.152	5.152	0.000	96	9599	20.0	22.2	
71 1,2-Dichloropropane	63	5.305	5.305	0.000	95	73561	20.0	17.4	
* 72 1,4-Dioxane-d8	96	5.366	5.366	0.000	0	16544	1000.0	1000.0	
73 Methyl methacrylate	100	5.390	5.390	0.000	89	32626	40.0	37.8	
75 1,4-Dioxane	88	5.421	5.421	0.000	38	11212	400.0	518.9	
74 Dibromomethane	93	5.433	5.433	0.000	96	42476	20.0	17.9	
76 n-Propyl acetate	43	5.451	5.451	0.000	97	80721	20.0	16.1	
77 Dichlorobromomethane	83	5.579	5.579	0.000	99	84972	20.0	16.7	
78 2-Nitropropane	41	5.914	5.914	0.000	76	24419	40.0	27.5	
79 2-Chloroethyl vinyl ether	63	5.914	5.914	0.000	87	39881	20.0	17.2	
80 Epichlorohydrin	57	6.018	6.018	0.000	99	125250	400.0	445.8	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	88	103912	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.237	6.237	0.000	95	143726	100.0	103.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.298	6.298	0.000	99	434038	50.0	47.3	
84 Toluene	91	6.372	6.372	0.000	93	292125	20.0	18.1	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	96	85023	20.0	16.9	
86 Ethyl methacrylate	69	6.768	6.768	0.000	87	83996	20.0	17.3	
87 1,1,2-Trichloroethane	83	6.926	6.926	0.000	97	51414	20.0	17.4	
88 Tetrachloroethene	166	6.963	6.963	0.000	96	73020	20.0	20.5	
89 1,3-Dichloropropane	76	7.134	7.134	0.000	91	96592	20.0	17.6	
90 2-Hexanone	43	7.213	7.213	0.000	95	188667	100.0	91.7	
91 n-Butyl acetate	43	7.329	7.329	0.000	99	96455	20.0	15.5	
92 Chlorodibromomethane	129	7.353	7.353	0.000	99	63442	20.0	17.5	
93 Ethylene Dibromide	107	7.499	7.499	0.000	98	60287	20.0	18.9	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	342255	50.0	50.0	
95 Chlorobenzene	112	8.073	8.073	0.000	96	185289	20.0	18.9	
96 Ethylbenzene	106	8.182	8.182	0.000	97	109295	20.0	19.4	
97 1,1,1,2-Tetrachloroethane	131	8.201	8.201	0.000	98	72339	20.0	18.5	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	131554	20.0	19.3	
99 o-Xylene	106	8.853	8.853	0.000	95	139768	20.0	19.1	
100 n-Butyl acrylate	73	8.871	8.871	0.000	98	52734	20.0	16.8	
101 Styrene	104	8.896	8.896	0.000	96	209678	20.0	19.4	
102 Bromoform	173	9.152	9.152	0.000	98	43156	20.0	17.9	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	91	120727	20.0	14.6	
104 Isopropylbenzene	105	9.316	9.316	0.000	95	354300	20.0	19.9	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	146245	50.0	54.3	
106 Bromobenzene	156	9.700	9.700	0.000	96	88180	20.0	19.2	
107 1,1,2,2-Tetrachloroethane	83	9.786	9.786	0.000	99	90176	20.0	17.9	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	422186	20.0	17.8	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	97	23854	20.0	17.6	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	79	11027	20.0	12.4	a
111 2-Chlorotoluene	91	9.914	9.914	0.000	96	280271	20.0	17.2	
112 4-Ethyltoluene	105	9.932	9.932	0.000	98	348663	20.0	18.0	
113 1,3,5-Trimethylbenzene	105	10.011	10.011	0.000	93	296652	20.0	17.7	
114 4-Chlorotoluene	91	10.042	10.042	0.000	97	267708	20.0	17.6	
115 Butyl Methacrylate	87	10.151	10.151	0.000	87	99598	20.0	16.6	
116 tert-Butylbenzene	119	10.328	10.328	0.000	95	228465	20.0	17.4	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	97	310536	20.0	17.8	
118 sec-Butylbenzene	105	10.548	10.548	0.000	99	390956	20.0	18.3	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	98	169966	20.0	18.9	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	331714	20.0	18.6	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	204985	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.773	10.773	0.000	96	171955	20.0	19.0	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	97	317884	20.0	17.2	
124 Benzyl chloride	91	10.920	10.920	0.000	99	168675	20.0	28.8	
125 2,3-Dihydroindene	117	10.980	10.980	0.000	94	321619	20.0	18.0	
126 p-Diethylbenzene	119	11.054	11.054	0.000	94	212134	20.0	21.7	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	185022	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.121	11.121	0.000	98	174747	20.0	19.0	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	98	319367	20.0	17.8	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	94	19485	20.0	17.1	
131 1,3,5-Trichlorobenzene	180	11.932	11.932	0.000	97	153517	20.0	20.4	
132 1,2,4-Trichlorobenzene	180	12.438	12.438	0.000	94	147686	20.0	20.8	
133 Hexachlorobutadiene	225	12.529	12.529	0.000	98	60284	20.0	20.8	
134 Naphthalene	128	12.626	12.626	0.000	100	342815	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	95	139474	20.0	20.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	38.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	34.3	
S 140 Total BTEX	1				0		100.0	94.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00500	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

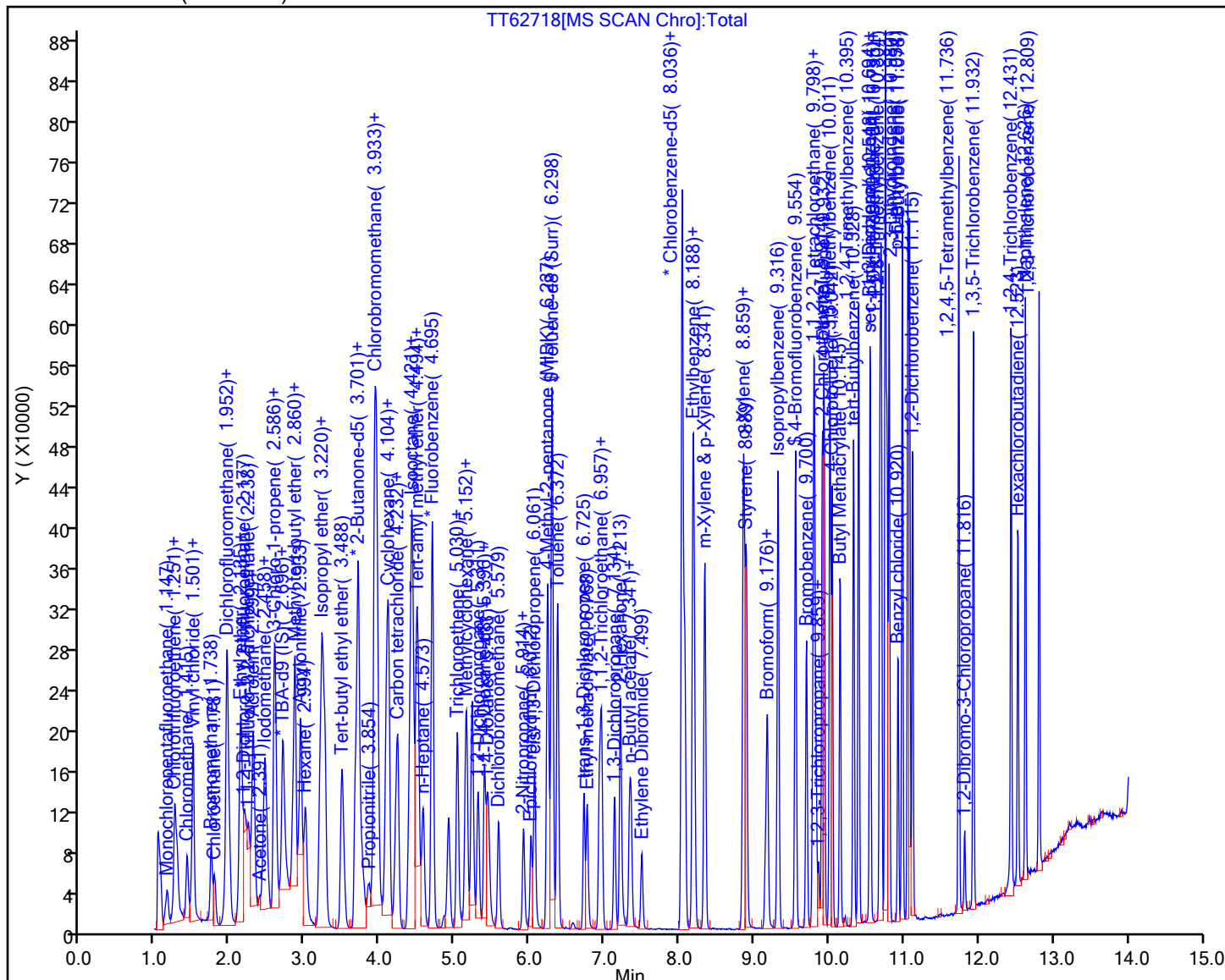
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

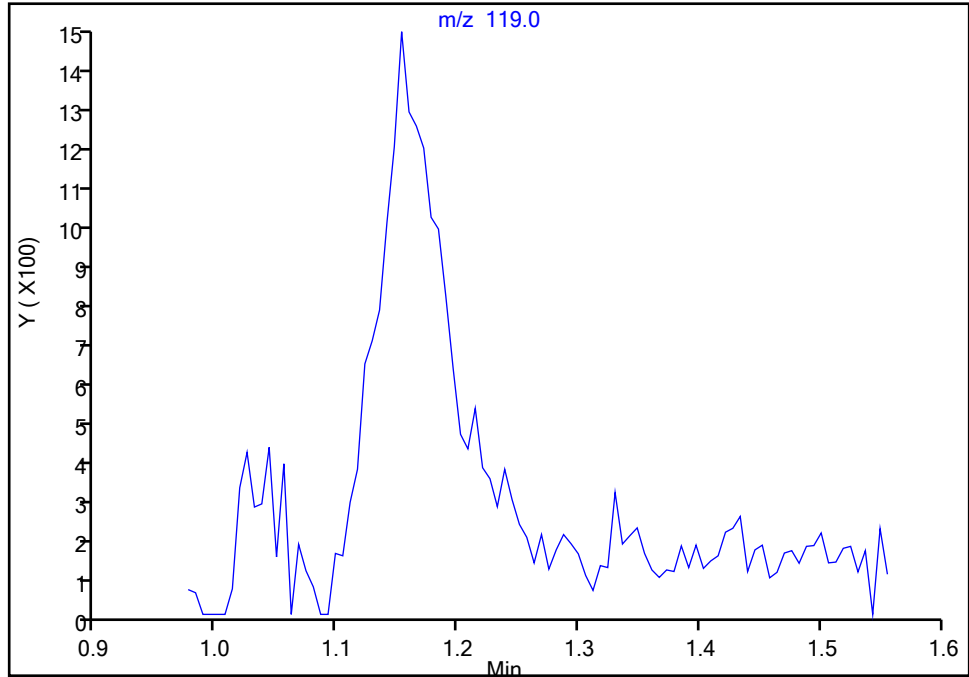
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

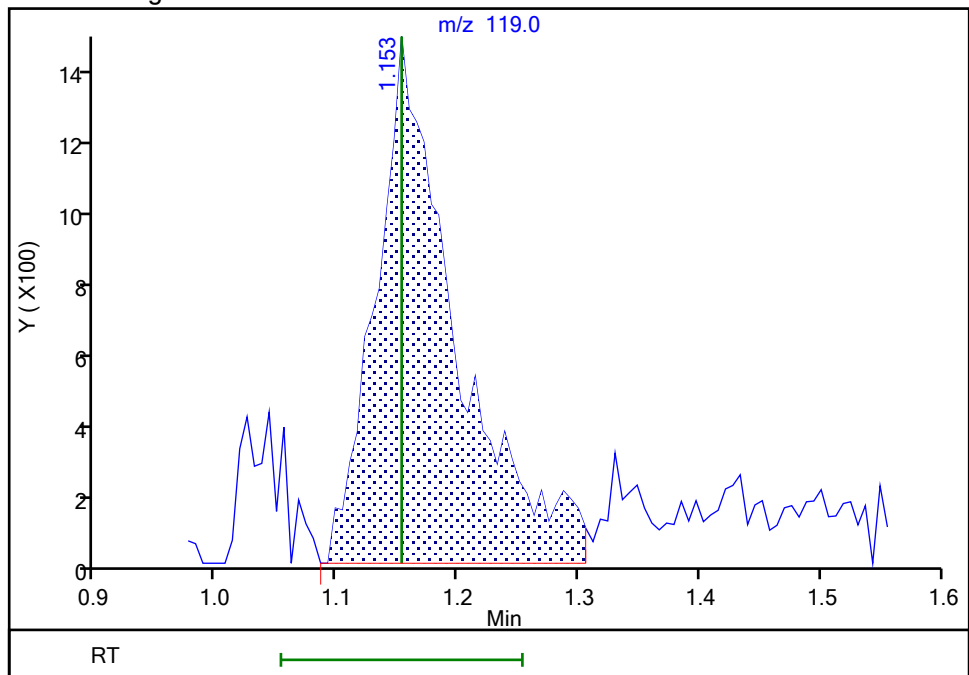
Not Detected

Expected RT: 1.15

Processing Integration Results



Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:57:18

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

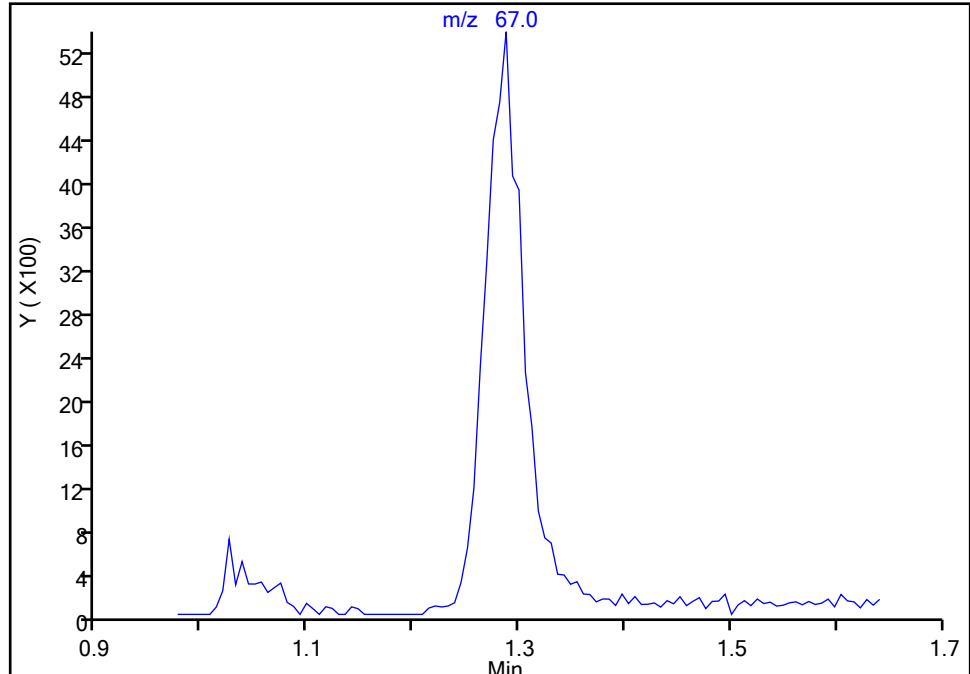
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

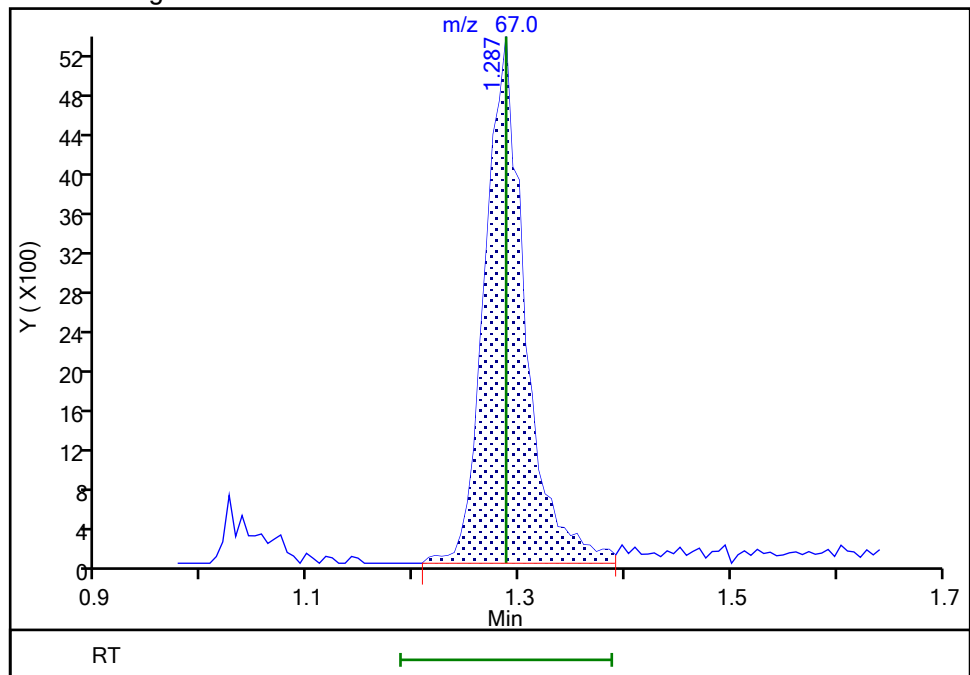
Expected RT: 1.29

Processing Integration Results



RT: 1.29
Area: 14146
Amount: 18.073554
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:57:23

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

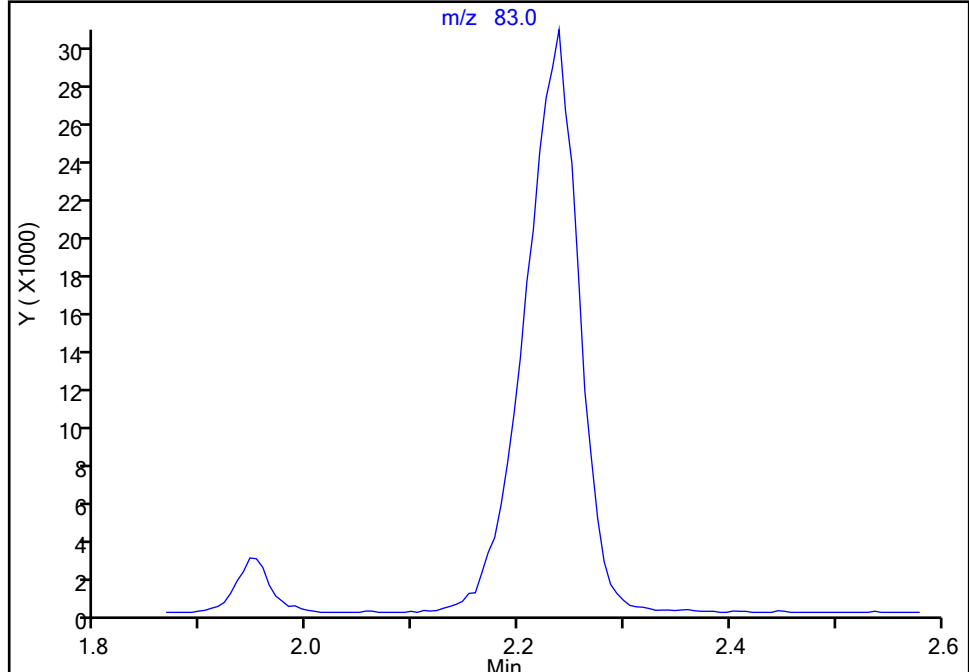
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.24

Processing Integration Results



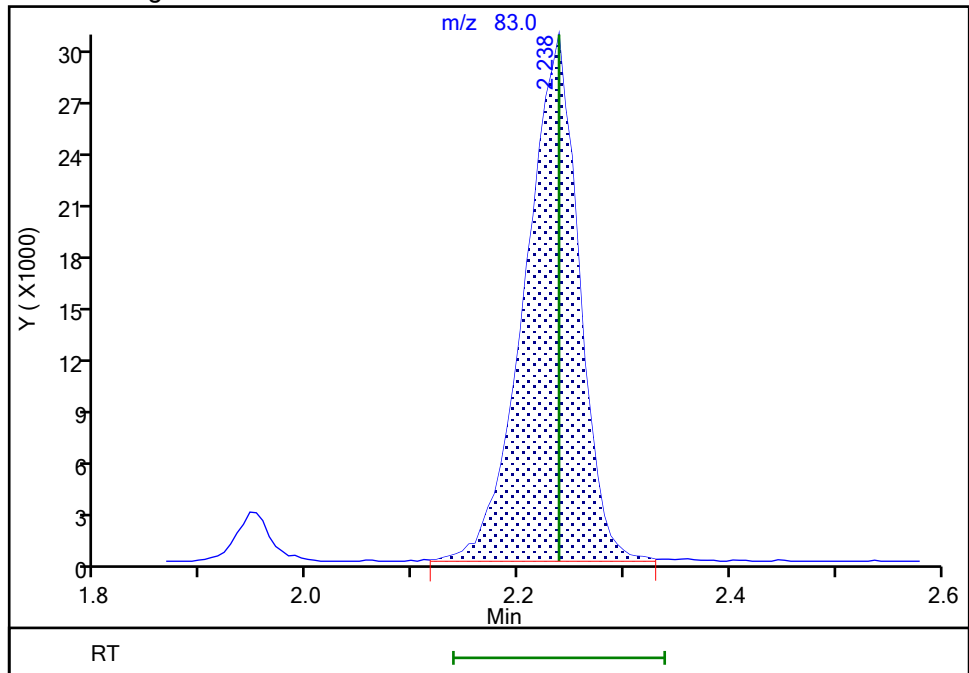
RT: 2.24

Area: 109598

Amount: 19.271467

Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:57:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

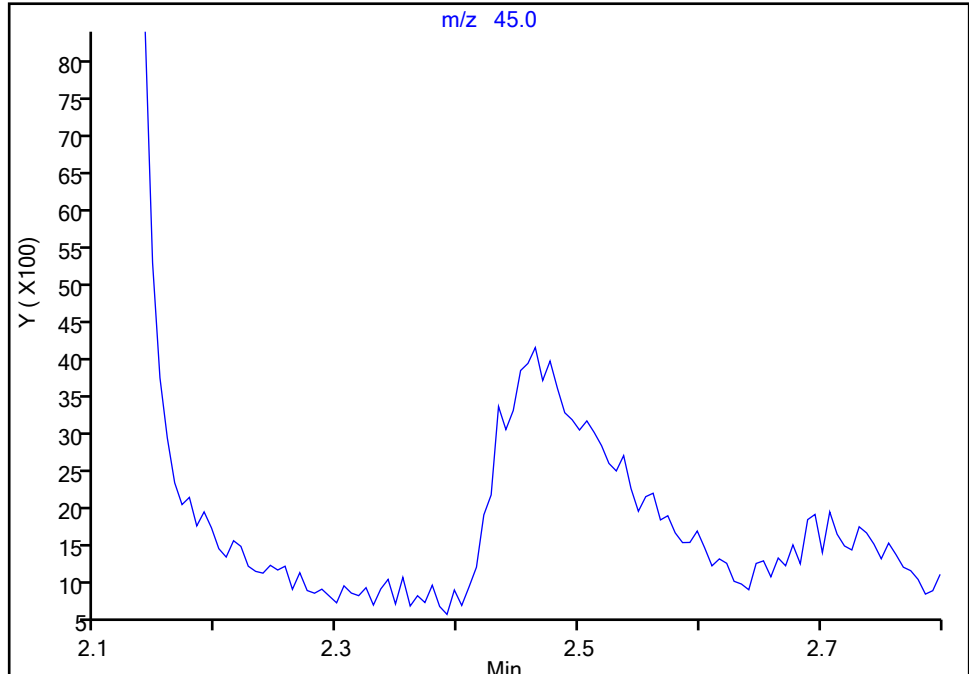
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

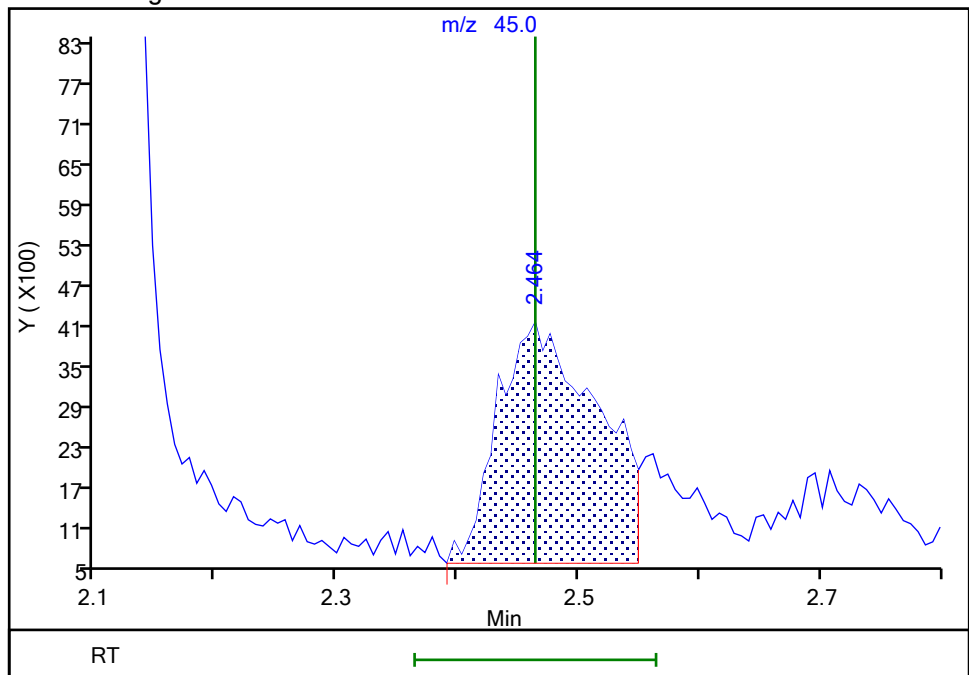
Not Detected

Expected RT: 2.46

Processing Integration Results



Manual Integration Results



RT: 2.46

Area: 20635

Amount: 187.4246

Amount Units: ug/l

Reviewer: FK2C, 01-Nov-2022 07:57:37

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

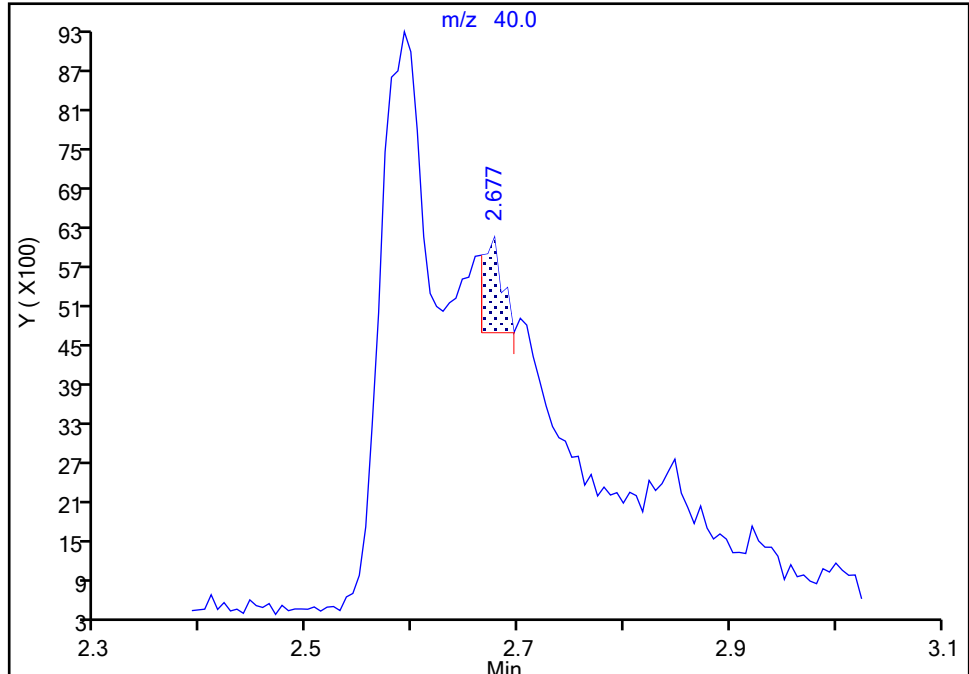
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

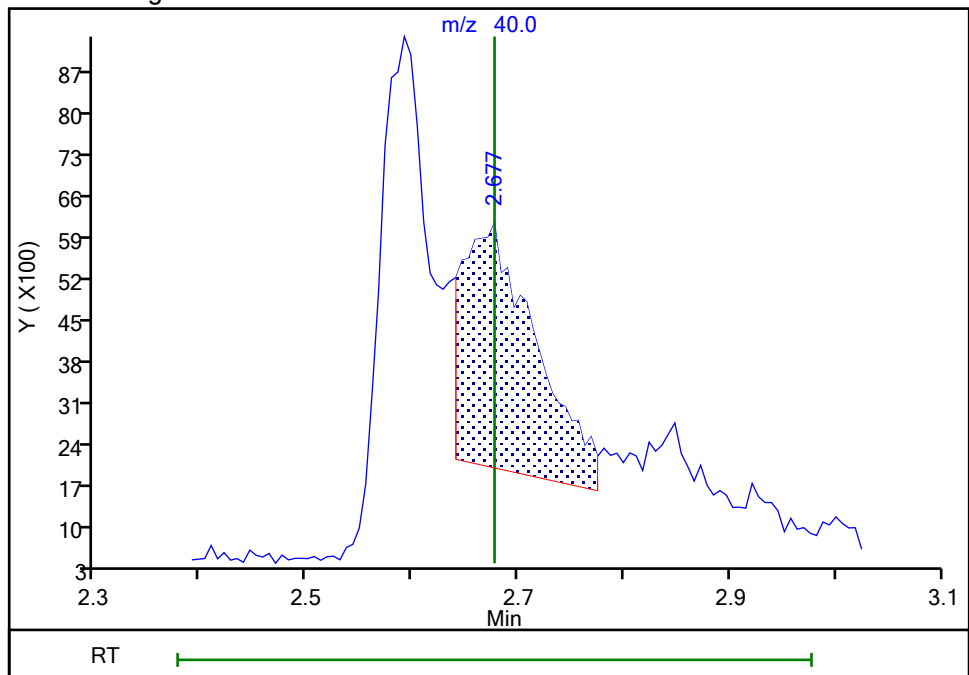
RT: 2.68
Area: 1863
Amount: 15.373598
Amount Units: ug/l

Processing Integration Results



RT: 2.68
Area: 20290
Amount: 167.4344
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:57:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

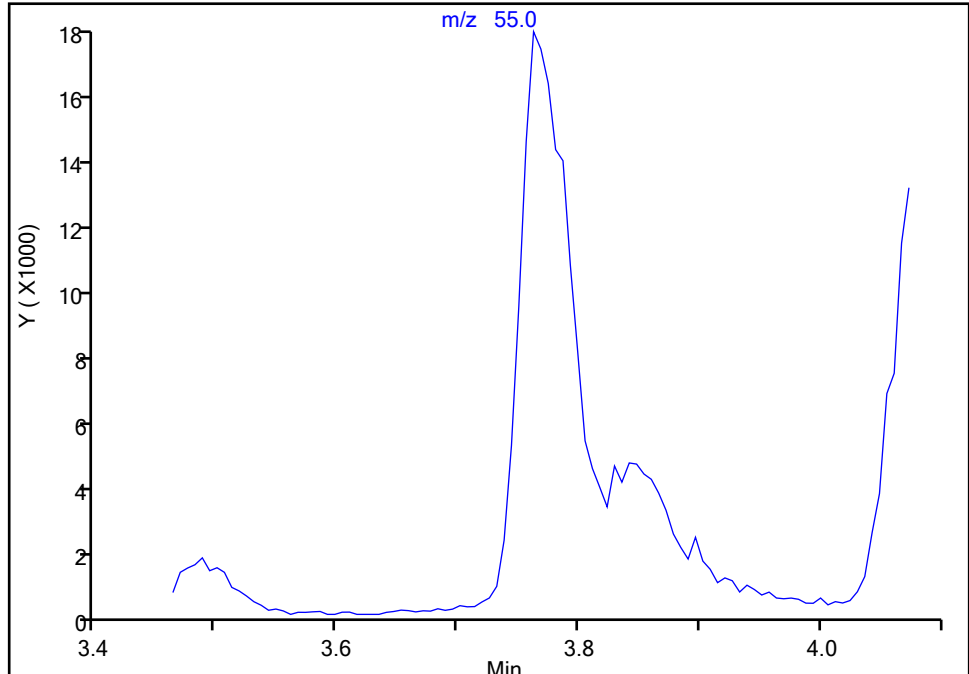
47 Methyl acrylate, CAS: 96-33-3

Signal: 1

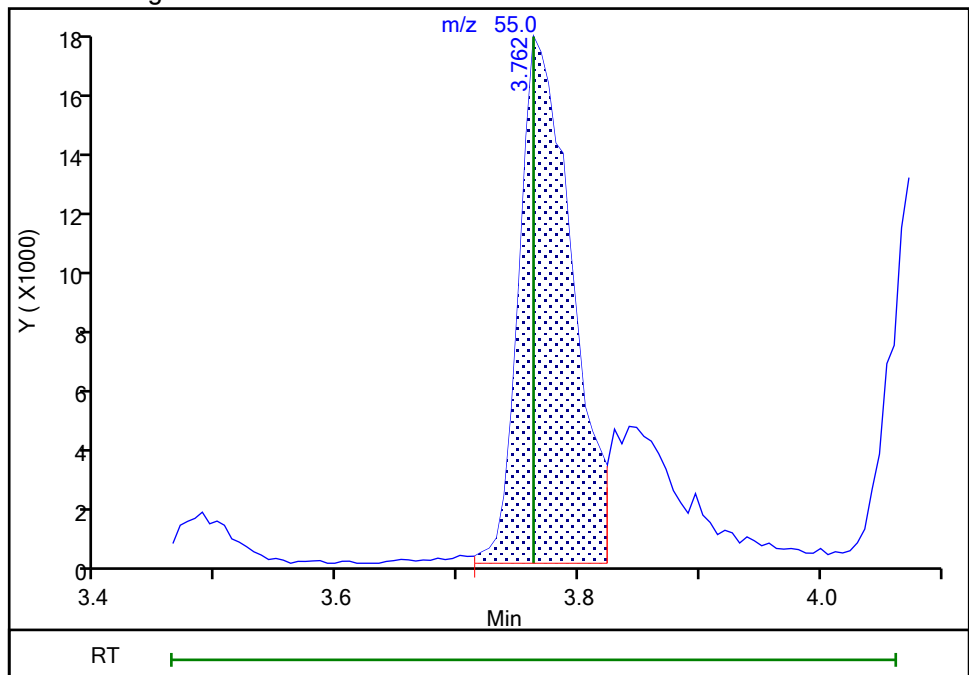
Not Detected

Expected RT: 3.76

Processing Integration Results



Manual Integration Results



RT: 3.76
Area: 53042
Amount: 15.823500
Amount Units: ug/l

Reviewer: FK2C, 01-Nov-2022 07:56:38

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

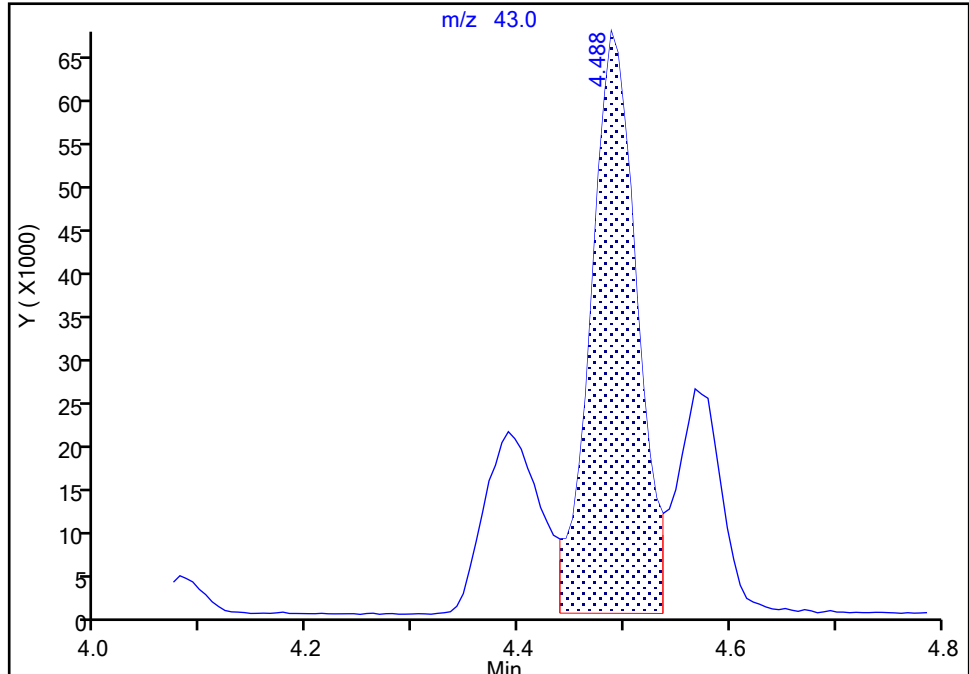
MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

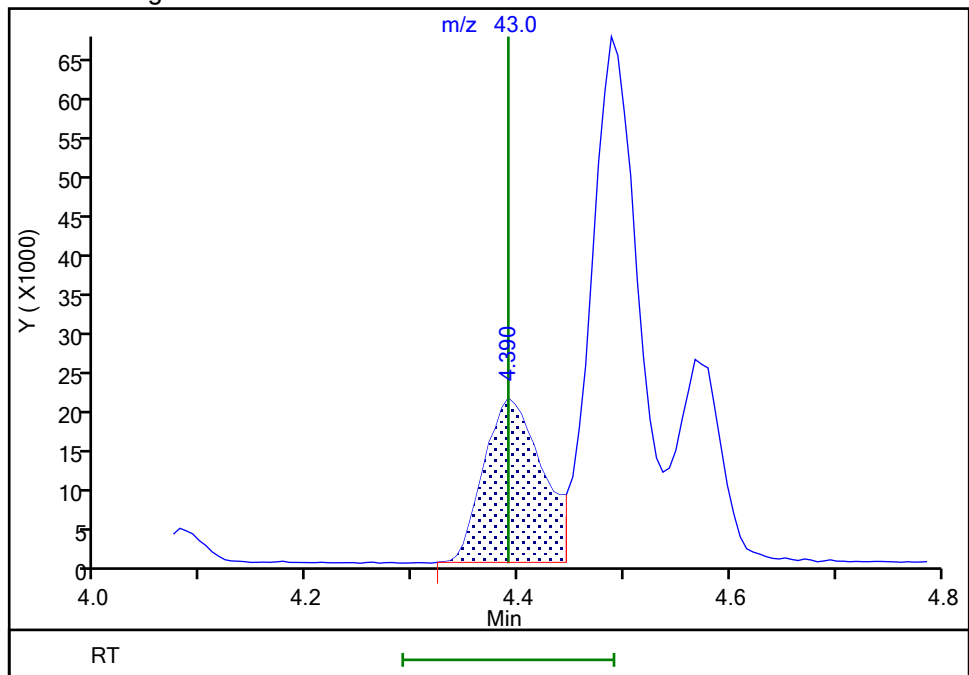
RT: 4.49
Area: 206868
Amount: 1108.3683
Amount Units: ug/l

Processing Integration Results



RT: 4.39
Area: 81303
Amount: 435.6095
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:56:51

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62718.D

Injection Date: 01-Nov-2022 07:20:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

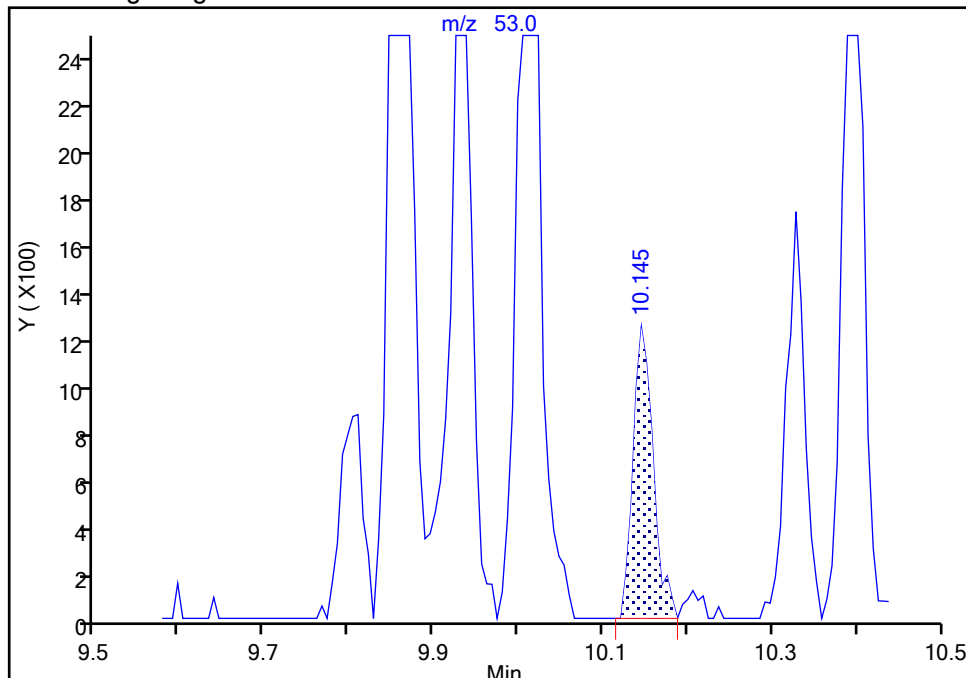
MS Quad

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

Signal: 1

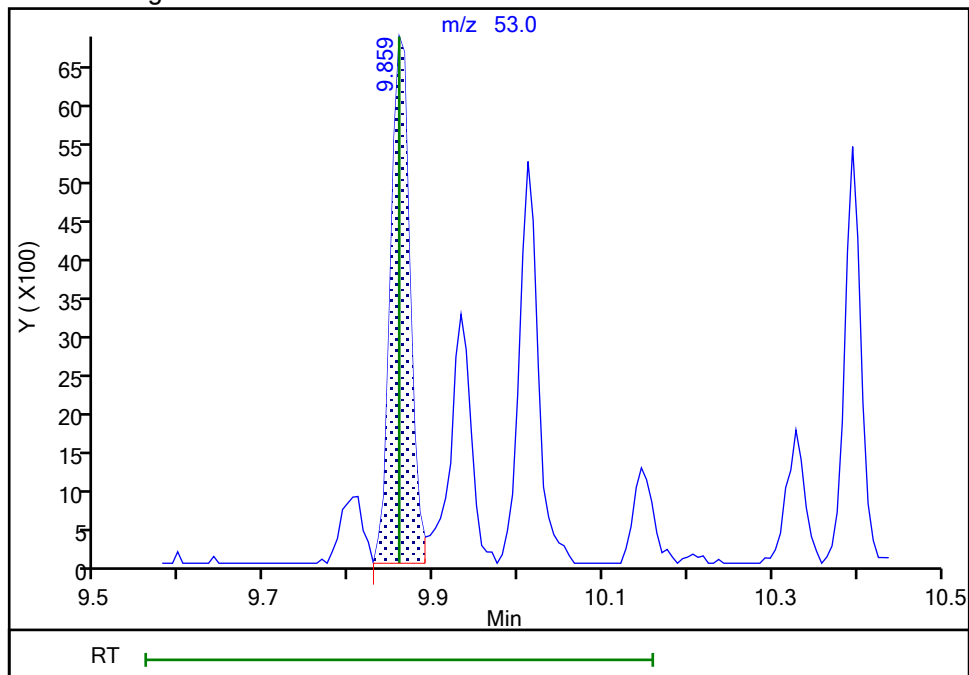
RT: 10.15
Area: 2051
Amount: 2.309565
Amount Units: ug/l

Processing Integration Results



RT: 9.86
Area: 11027
Amount: 12.417148
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 07:57:07

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654793a.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Oct-2022 07:10:16 ALS Bottle#: 0 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0152384-001
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 29-Oct-2022 09:50:36 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: FK2C

Date: 28-Oct-2022 09:35:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB

QC Flag Legend

Processing Flags

Reagents:

BFB_00032

Amount Added: 1.00

Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654793a.D

Injection Date: 28-Oct-2022 07:10:16

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

1

Injection Vol: 5.0 mL

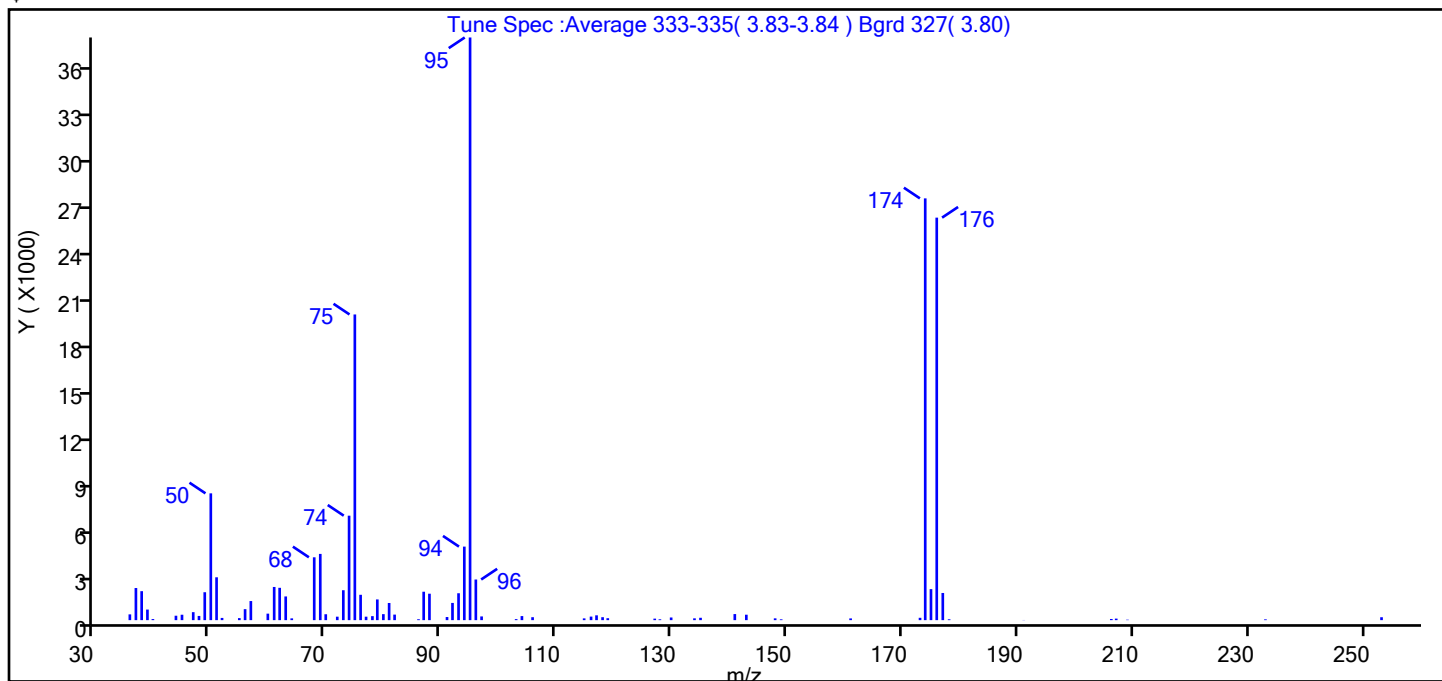
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Tune Method: BFB Method 8260D

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (138.1)
96	5 to 9% of m/z 95	7.0
173	<2% of m/z 174	0.4 (0.6)
174	50 to 200% of m/z 95	72.4
175	5 to 9% of m/z 174	5.3 (7.4)
176	95 to 105% of m/z 174	69.1 (95.4)
177	5 to 10% of m/z 176	4.7 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654793a.D\8260W_15.rslt\spectra.d
Injection Date: 28-Oct-2022 07:10:16
Spectrum: Tune Spec :Average 333-335(3.83-3.84) Bgrd 327(3.80)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	367	63.00	1506	91.00	198	135.00	150
37.00	2041	64.00	113	92.00	1094	141.00	386
38.00	1841	68.00	3993	93.00	1709	143.00	345
39.00	673	69.00	4209	94.00	4673	148.00	114
40.00	69	70.00	375	95.00	37024	149.00	51
44.00	281	72.00	220	96.00	2582	161.00	110
45.00	344	73.00	1901	97.00	236	173.00	149
47.00	507	74.00	6638	103.00	65	174.00	26800
48.00	267	75.00	19424	104.00	258	175.00	1970
49.00	1774	76.00	1611	106.00	187	176.00	25576
50.00	8057	77.00	220	115.00	112	177.00	1726
51.00	2723	78.00	254	116.00	226	178.00	54
52.00	141	79.00	1316	117.00	306	191.00	10
55.00	129	80.00	381	118.00	187	206.00	74
56.00	698	81.00	1090	119.00	123	207.00	97
57.00	1213	82.00	352	127.00	96	209.00	29
60.00	413	86.00	57	128.00	54	233.00	50
61.00	2108	87.00	1806	130.00	169	253.00	185
62.00	2054	88.00	1680	134.00	115		

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654793a.D

Injection Date: 28-Oct-2022 07:10:16

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

1

Injection Vol: 5.0 mL

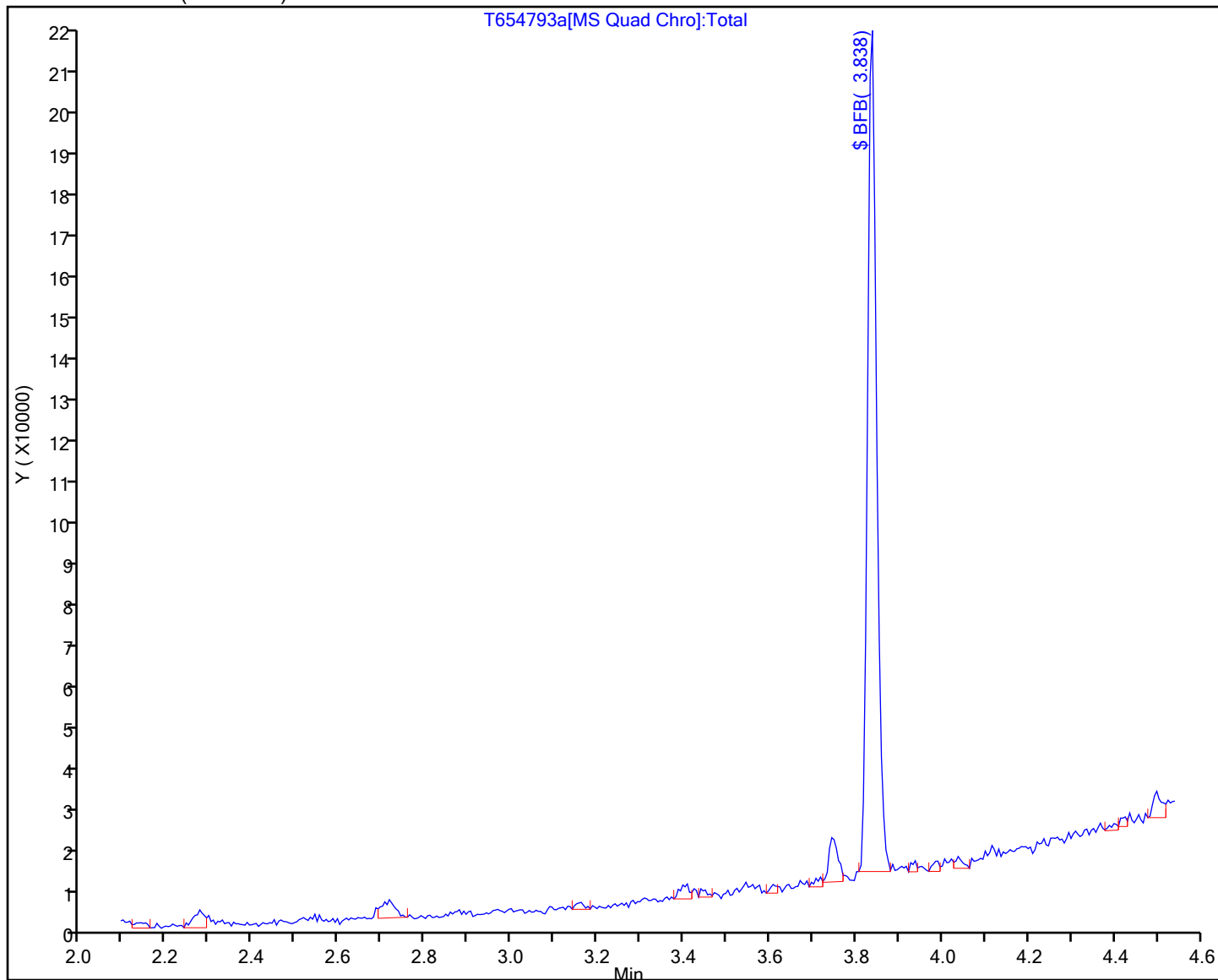
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62092.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-Oct-2022 23:38:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0151764-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 17-Oct-2022 17:45:09 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1663

First Level Reviewer: HVW2

Date: 14-Oct-2022 23:58:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.922	2.922	0.000	88	187414	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\CVOAMS17\20221014-151764.b\TT62092.D

Injection Date: 14-Oct-2022 23:38:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#: 1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

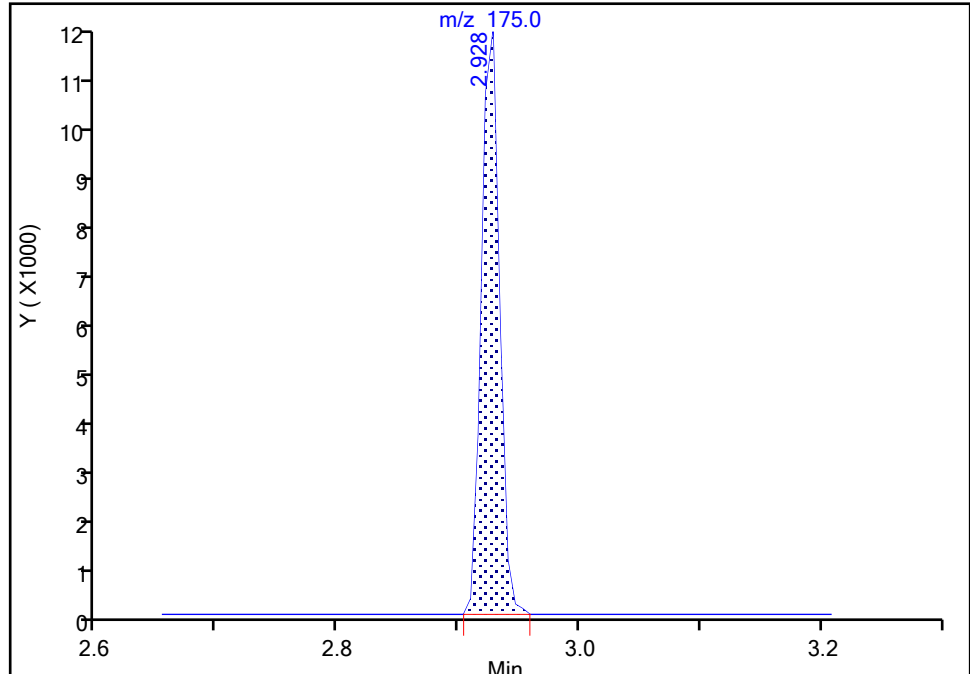
MS Quad

\$ 141 BFB, CAS: 460-00-4

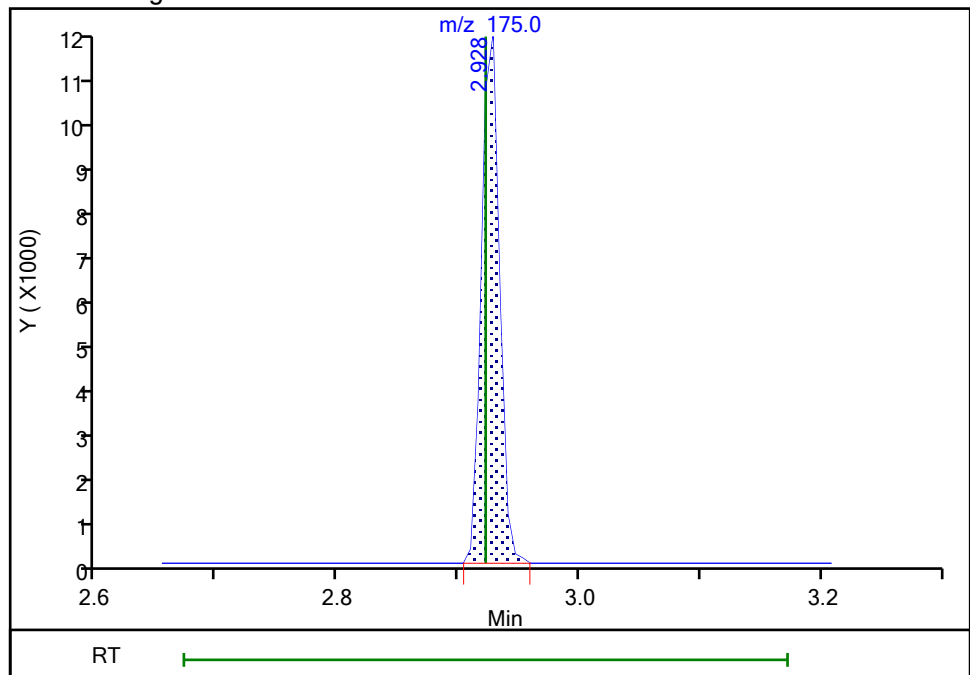
Signal: 7

RT: 2.93
Area: 12394
Amount: 0
Amount Units: ug/l

Processing Integration Results

RT: 2.93
Area: 12394
Amount: 0
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 14-Oct-2022 23:58:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62092.D

Injection Date: 14-Oct-2022 23:38:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#: 1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

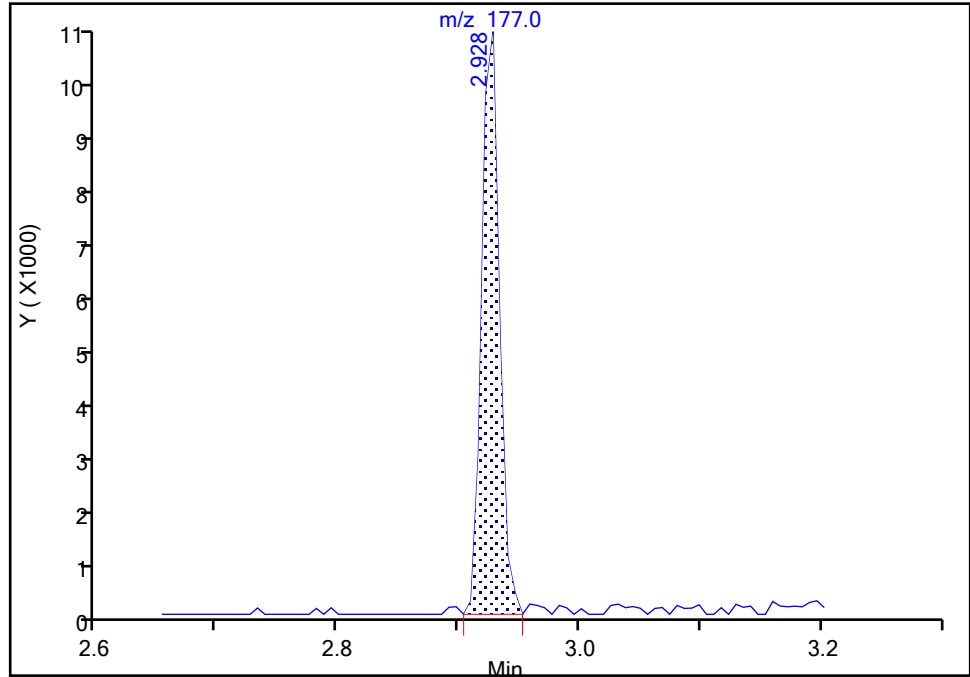
MS Quad

\$ 141 BFB, CAS: 460-00-4

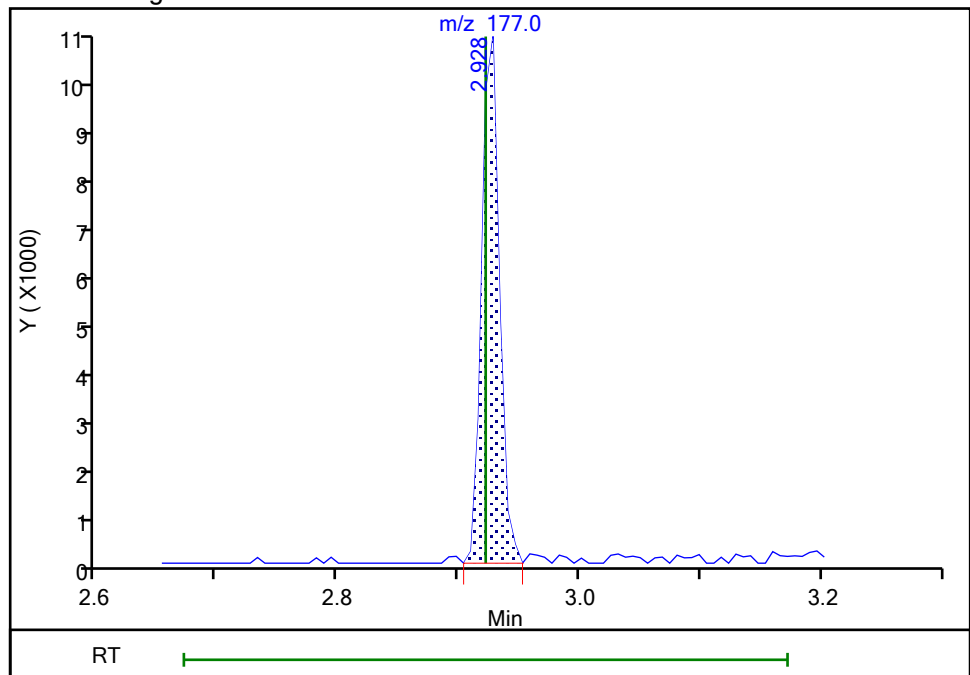
Signal: 9

RT: 2.93
Area: 10641
Amount: 0
Amount Units: ug/l

Processing Integration Results

RT: 2.93
Area: 10641
Amount: 0
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 14-Oct-2022 23:58:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62092.D

Injection Date: 14-Oct-2022 23:38:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

1.0000

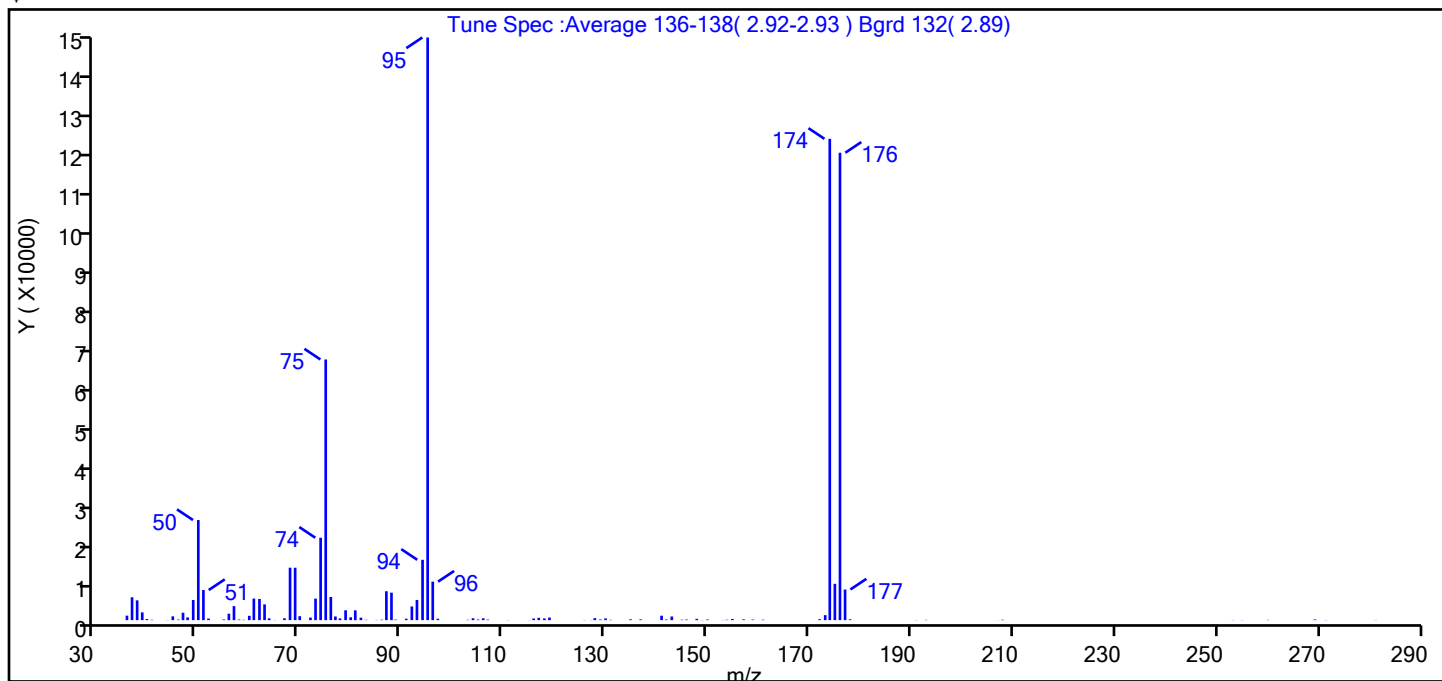
Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.2
75	30 to 60% of m/z 95	44.7
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.9 (1.0)
174	50 to 120% of m/z 95	82.6
175	5 to 9% of m/z 174	6.2 (7.5)
176	Greater than 95% but less than 101% of m/z 174	80.2 (97.1)
177	5 to 9% of m/z 176	5.3 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62092.D\8260W_17.rslt\spectra.d
Injection Date: 14-Oct-2022 23:38:30
Spectrum: Tune Spec :Average 136-138(2.92-2.93) Bgrd 132(2.89)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 105

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1093	68.00	12707	103.00	89	150.00	159
37.00	5539	69.00	12706	104.00	455	153.00	38
38.00	4795	70.00	953	105.00	154	154.00	100
39.00	1887	72.00	624	106.00	443	155.00	283
40.00	270	73.00	5216	107.00	132	157.00	186
41.00	93	74.00	19968	111.00	38	159.00	139
44.00	29	75.00	63160	115.00	26	161.00	114
45.00	924	76.00	5608	116.00	398	172.00	228
46.00	136	77.00	893	117.00	558	173.00	1217
47.00	1798	78.00	423	118.00	419	174.00	116624
48.00	661	79.00	2388	119.00	629	175.00	8800
49.00	4876	80.00	695	126.00	43	176.00	113256
50.00	24256	81.00	2370	127.00	35	177.00	7427
51.00	7293	82.00	600	128.00	489	178.00	203
52.00	380	83.00	87	129.00	164	191.00	39
55.00	164	85.00	48	130.00	421	193.00	74
56.00	1553	86.00	112	131.00	86	207.00	24
57.00	3396	87.00	7007	133.00	6	208.00	104
58.00	145	88.00	6655	135.00	205	253.00	45
59.00	78	89.00	129	137.00	178	255.00	37
60.00	1045	91.00	344	141.00	1076	260.00	71
61.00	5231	92.00	3315	142.00	151	269.00	170
62.00	5137	93.00	4890	143.00	884	271.00	45
63.00	3818	94.00	14625	145.00	105	281.00	40
64.00	435	95.00	141184	146.00	147		
65.00	35	96.00	9332	148.00	319		
67.00	448	97.00	342	149.00	33		

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62092.D

Injection Date: 14-Oct-2022 23:38:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

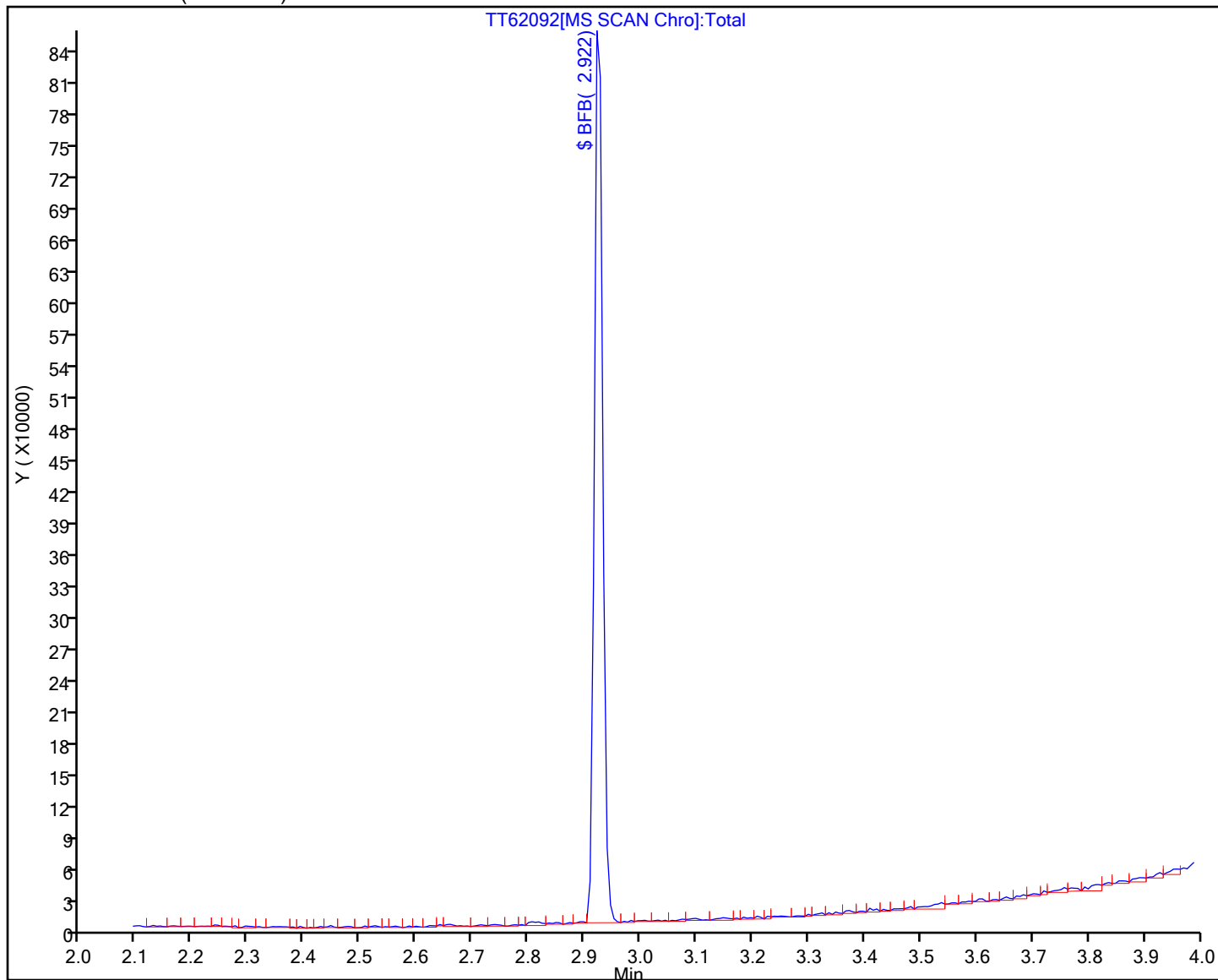
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875140/7</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654927.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 08:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875140/7</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654927.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 08:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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)	108		70-128
460-00-4	4-Bromofluorobenzene	93		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875140/7</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654927.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 08:04</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</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\CVOAMS15\20221031-152515.b\T654927.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 31-Oct-2022 08:04:29 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152515-007
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 17:46:09 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1616

First Level Reviewer: NN6A

Date: 01-Nov-2022 17:46:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	96	42806	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	54	346121	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	118086	50.0	50.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.288	0.000	91	168468	50.0	54.1	
* 65 Fluorobenzene	96	5.605	5.605	0.000	97	469116	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	28428	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.574	7.580	-0.006	98	443095	50.0	51.6	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	316947	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	11.603	11.610	-0.007	78	99554	50.0	46.3	
* 120 1,4-Dichlorobenzene-d4	152	12.993	12.994	-0.001	97	136104	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654927.D

Injection Date: 31-Oct-2022 08:04:29

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

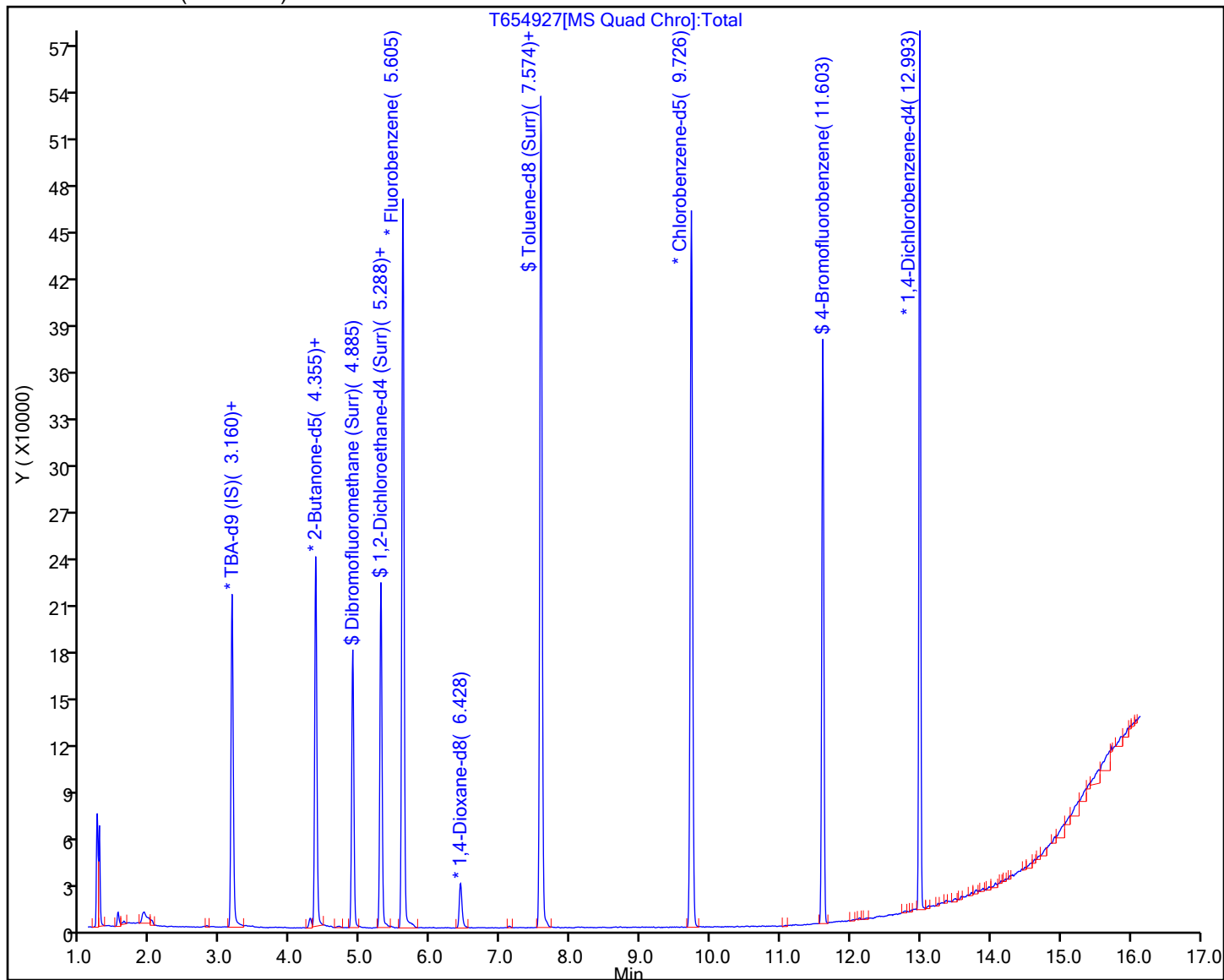
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654927.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 31-Oct-2022 08:04:29 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152515-007
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 01-Nov-2022 17:46:09 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1616

First Level Reviewer: NN6A

Date: 01-Nov-2022 17:46:09

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	50.0	99.95
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.1	108.28
\$ 83 Toluene-d8 (Surr)	50.0	51.6	103.19
\$ 105 4-Bromofluorobenzene	50.0	46.3	92.51

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654927.D

Injection Date: 31-Oct-2022 08:04:29

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

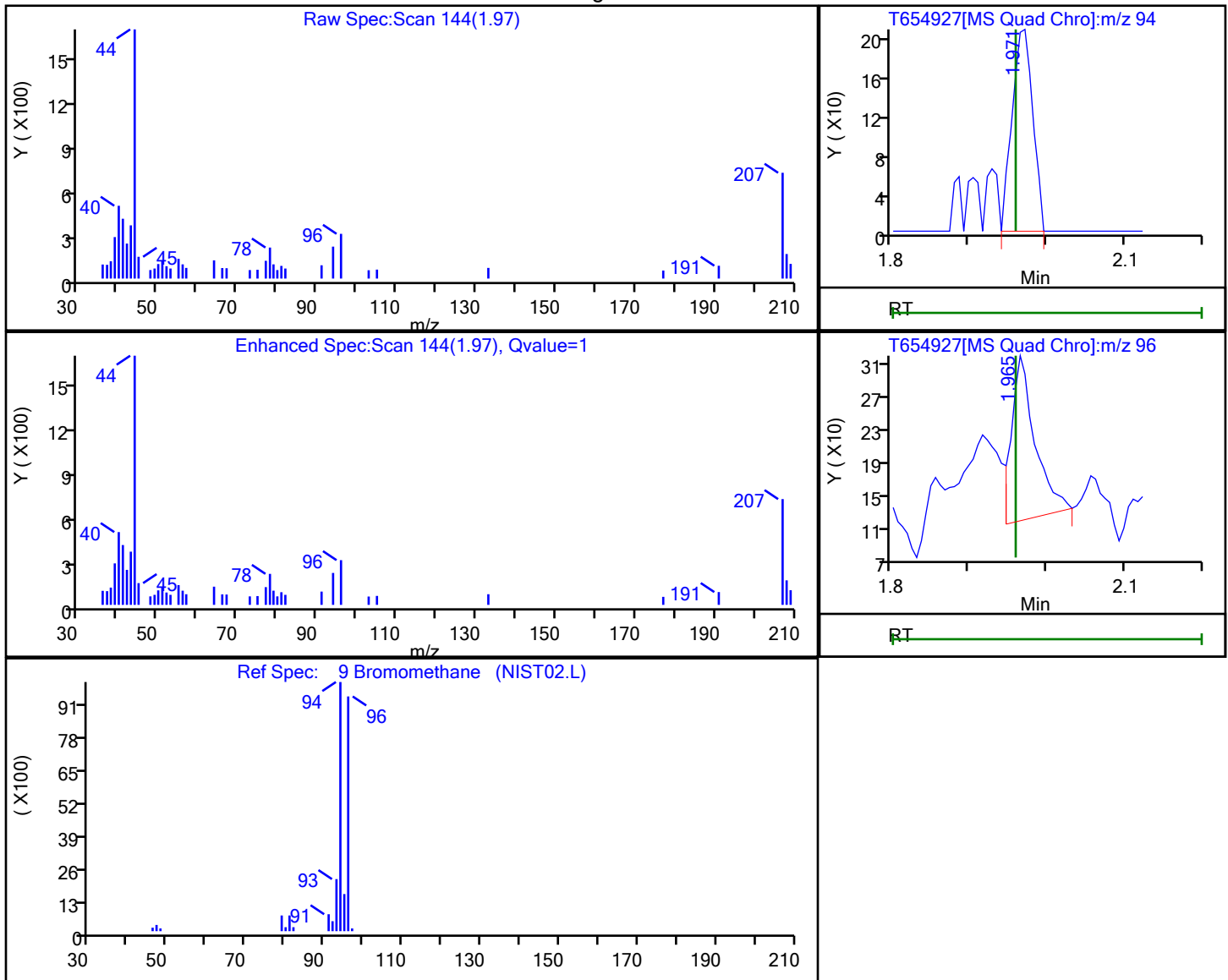
Column: DB-624 (0.18 mm)

Detector

MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.97	94.00	385	0.710741
1.96	96.00	418	

Reviewer: NN6A, 01-Nov-2022 17:45:36

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875343/10</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62724.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5(mL)</u>	Date Analyzed: <u>11/01/2022 09:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875343/10</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62724.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 09:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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)	88		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

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

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-875343/10</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62724.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 09:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</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\CVOAMS17\20221101-152569.b\TT62724.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 01-Nov-2022 09:24:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152569-010
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:04:31 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:28:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
24 Carbon disulfide	76	2.494	2.476	0.018	56	4604		0.3601	M
* 31 TBA-d9 (IS)	66	2.726	2.726	0.000	0	29816	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	207115	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.122	4.116	0.006	97	103671	50.0	49.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	101753	50.0	44.1	
* 66 Fluorobenzene	96	4.701	4.695	0.006	99	405494	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.384	5.378	0.006	0	15187	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.299	-0.001	99	367226	50.0	48.3	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	283282	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	121919	50.0	54.7	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	167027	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62724.D

Injection Date: 01-Nov-2022 09:24:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

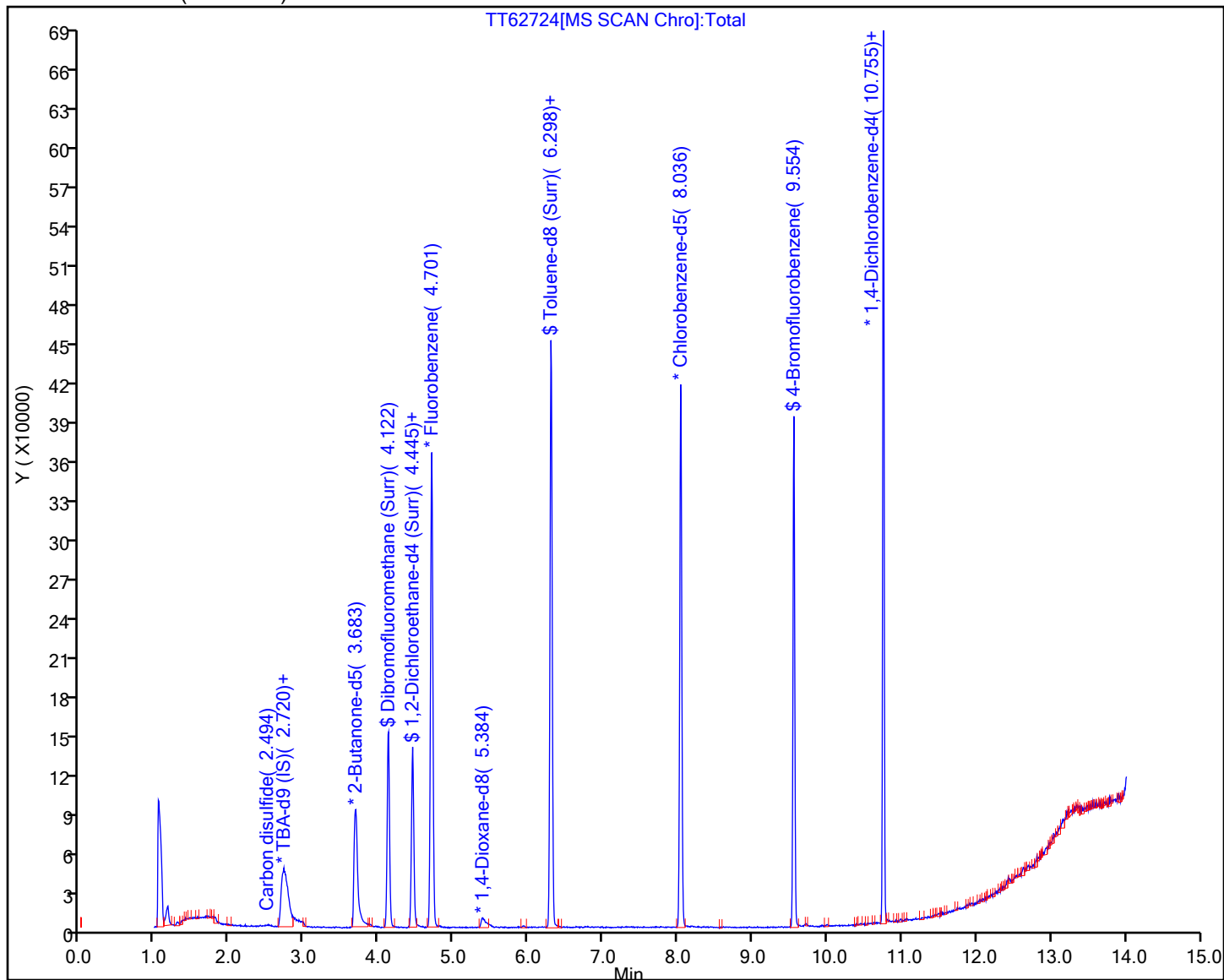
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62724.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 01-Nov-2022 09:24:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152569-010
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 03-Nov-2022 07:04:31 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1611

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:28:50

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	49.7	99.46
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.1	88.25
\$ 83 Toluene-d8 (Surr)	50.0	48.3	96.64
\$ 105 4-Bromofluorobenzene	50.0	54.7	109.31

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62724.D

Injection Date: 01-Nov-2022 09:24:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

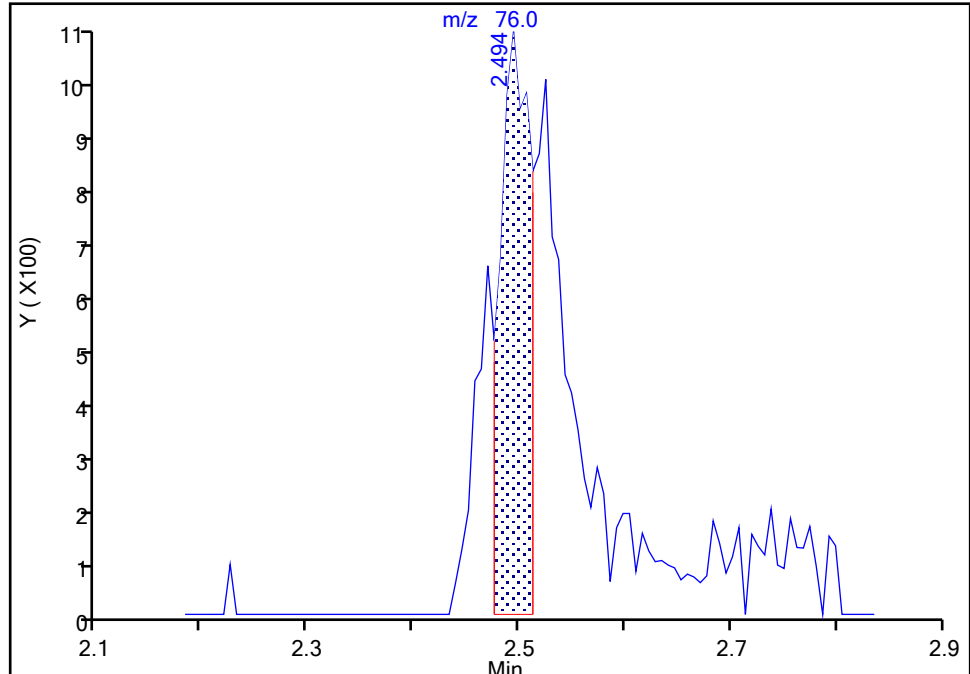
MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

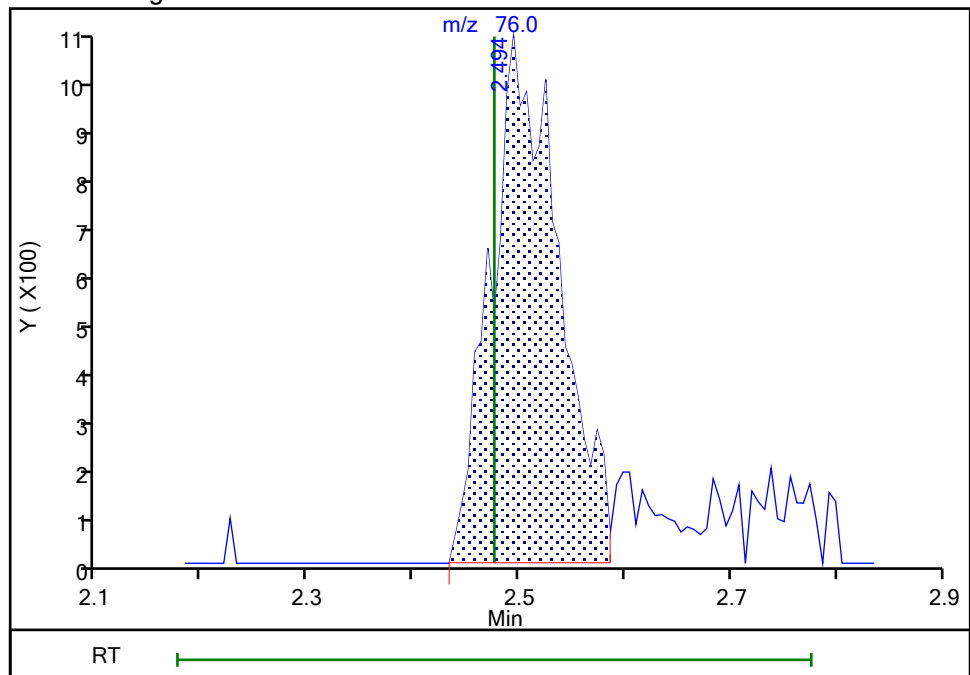
RT: 2.49
Area: 2065
Amount: 0.161524
Amount Units: ug/l

Processing Integration Results



RT: 2.49
Area: 4604
Amount: 0.360125
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 03-Nov-2022 07:04:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875140/3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654923.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 06:38</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.9		1.0	0.27
71-55-6	1,1,1-Trichloroethane	21.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	23.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	23.2		1.0	0.20
75-34-3	1,1-Dichloroethane	23.7		1.0	0.26
75-35-4	1,1-Dichloroethene	21.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	20.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.4		1.0	0.21
107-06-2	1,2-Dichloroethane	21.4		1.0	0.43
78-87-5	1,2-Dichloropropane	23.1		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.7		1.0	0.33
123-91-1	1,4-Dioxane	451		50	28
78-93-3	2-Butanone (MEK)	97.1		5.0	1.9
591-78-6	2-Hexanone	107		5.0	1.1
75-65-0	2-Methyl-2-propanol	217		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
67-64-1	Acetone	106		5.0	4.4
71-43-2	Benzene	24.0		1.0	0.20
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	31.1		1.0	0.55
75-15-0	Carbon disulfide	23.4		1.0	0.82
56-23-5	Carbon tetrachloride	21.5		1.0	0.21
108-90-7	Chlorobenzene	21.8		1.0	0.38
74-97-5	Chlorobromomethane	21.2		1.0	0.41
124-48-1	Chlorodibromomethane	20.6		1.0	0.28
75-00-3	Chloroethane	19.9		1.0	0.32
67-66-3	Chloroform	21.6		1.0	0.33
74-87-3	Chloromethane	22.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875140/3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654923.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 06:38</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	23.7		1.0	0.22
110-82-7	Cyclohexane	22.4		1.0	0.32
75-27-4	Dichlorobromomethane	22.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.8		1.0	0.31
100-41-4	Ethylbenzene	22.7		1.0	0.30
106-93-4	Ethylene Dibromide	21.4		1.0	0.50
98-82-8	Isopropylbenzene	22.6		1.0	0.34
79-20-9	Methyl acetate	46.8		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.3		1.0	0.22
108-87-2	Methylcyclohexane	21.8		1.0	0.71
75-09-2	Methylene Chloride	21.4		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.1		1.0	0.30
95-47-6	o-Xylene	22.1		1.0	0.36
100-42-5	Styrene	22.2		1.0	0.42
127-18-4	Tetrachloroethene	20.6		1.0	0.25
108-88-3	Toluene	22.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	23.5		1.0	0.22
79-01-6	Trichloroethene	21.5		1.0	0.31
75-69-4	Trichlorofluoromethane	20.4		1.0	0.32
75-01-4	Vinyl chloride	22.2		1.0	0.17
1330-20-7	Xylenes, Total	44.3		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654923.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 31-Oct-2022 06:38:57 ALS Bottle#: 0 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152515-003
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 08:44:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	32	2235	20.0	11.6	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	60	5113	20.0	10.8	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	97	22501	20.0	19.0	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	44632	20.0	16.8	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	80	8831	20.0	18.6	
6 Chloromethane	50	1.587	1.587	0.000	88	67343	20.0	22.4	
7 Vinyl chloride	62	1.672	1.673	-0.001	84	68720	20.0	22.2	
8 Butadiene	54	1.697	1.697	0.000	98	68111	20.0	21.1	
9 Bromomethane	94	1.959	1.959	0.000	98	16932	20.0	31.1	
10 Chloroethane	64	2.050	2.051	-0.001	97	42840	20.0	19.9	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	103602	20.0	21.6	
12 Trichlorofluoromethane	101	2.233	2.240	-0.007	61	66944	20.0	20.4	
13 Pentane	72	2.282	2.282	0.000	96	18982	40.0	43.3	
14 Ethanol	46	2.441	2.441	0.000	99	12710	800.0	977.9	
15 Ethyl ether	59	2.489	2.489	0.000	90	47230	20.0	22.7	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	99	56794	20.0	24.1	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.532	2.532	0.000	87	31910	20.0	18.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	91	67322	20.0	20.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	88	41678	20.0	20.6	
19 Acrolein	56	2.666	2.666	0.000	65	16828	40.0	49.4	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	86	44996	20.0	21.0	
22 Acetone	43	2.794	2.794	0.000	86	79578	100.0	106.4	
23 Iodomethane	142	2.855	2.855	0.000	99	35803	20.0	17.3	
24 Carbon disulfide	76	2.886	2.886	0.000	100	177012	20.0	23.4	
25 Isopropyl alcohol	45	2.886	2.886	0.000	36	36231	200.0	246.6	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	84	35853	20.0	24.0	
29 Cyclopentene	67	3.056	3.056	0.000	90	127249	20.0	23.0	
28 Methyl acetate	43	3.050	3.056	-0.006	78	88007	40.0	46.8	
26 Acetonitrile	41	3.111	3.111	0.000	98	80863	200.0	246.3	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	99	39549	1000.0	1000.0	
30 Methylene Chloride	84	3.172	3.172	0.000	65	56316	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	98	52590	200.0	216.6	
35 Methyl tert-butyl ether	73	3.343	3.343	0.000	98	141436	20.0	21.3	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	90	52423	20.0	20.5	
33 Acrylonitrile	53	3.459	3.459	0.000	94	217160	200.0	230.6	
36 Hexane	57	3.544	3.544	0.000	94	65485	20.0	22.9	
40 Isopropyl ether	45	3.782	3.782	0.000	97	198531	20.0	24.4	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	116677	20.0	23.7	
38 Vinyl acetate	86	3.837	3.837	0.000	100	22344	40.0	40.5	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	47630	20.0	21.8	
41 Tert-butyl ethyl ether	59	4.129	4.129	0.000	87	165252	20.0	22.7	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	87	347669	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	59	19401	20.0	21.9	
43 cis-1,2-Dichloroethene	96	4.391	4.392	-0.001	86	58876	20.0	20.3	
45 2-Butanone (MEK)	72	4.416	4.422	-0.006	96	29409	100.0	97.1	
47 Ethyl acetate	70	4.428	4.428	0.000	95	11203	40.0	38.8	
48 Methyl acrylate	55	4.483	4.483	0.000	98	48529	20.0	21.3	
46 Propionitrile	54	4.568	4.568	0.000	98	81667	200.0	244.3	
49 Chlorobromomethane	128	4.641	4.642	-0.001	93	23415	20.0	21.2	
51 Tetrahydrofuran	72	4.647	4.648	-0.001	75	13342	40.0	39.1	
50 Methacrylonitrile	67	4.684	4.684	0.000	94	225862	200.0	216.4	
52 Chloroform	83	4.708	4.709	-0.001	91	100859	20.0	21.6	
55 Cyclohexane	84	4.843	4.843	0.000	95	73995	20.0	22.4	
54 1,1,1-Trichloroethane	97	4.861	4.867	-0.006	90	81114	20.0	21.8	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	116744	50.0	47.6	
56 Carbon tetrachloride	117	4.995	4.995	0.000	87	65367	20.0	21.5	
57 1,1-Dichloropropene	75	5.038	5.038	0.000	91	81995	20.0	22.9	
59 Isobutyl alcohol	43	5.196	5.196	0.000	98	79508	500.0	601.6	
62 Isooctane	57	5.233	5.239	-0.006	95	115039	20.0	22.0	a
60 Benzene	78	5.263	5.269	-0.006	98	232311	20.0	24.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.288	5.288	0.000	89	164595	50.0	51.0	
64 Tert-amyl methyl ether	73	5.349	5.349	0.000	74	146127	20.0	21.3	
63 Isopropyl acetate	61	5.361	5.361	0.000	94	29346	20.0	20.9	
61 1,2-Dichloroethane	62	5.373	5.373	0.000	88	77936	20.0	21.4	
66 n-Heptane	43	5.452	5.452	0.000	95	56514	20.0	23.9	
* 65 Fluorobenzene	96	5.605	5.605	0.000	97	486436	50.0	50.0	
68 n-Butanol	56	5.976	5.977	-0.001	90	37104	500.0	573.7	
67 Trichloroethene	95	6.007	6.013	-0.006	88	54994	20.0	21.5	
70 Methylcyclohexane	83	6.147	6.147	0.000	91	69874	20.0	21.8	a
69 Ethyl acrylate	55	6.178	6.178	0.000	98	127209	20.0	22.2	a
71 1,2-Dichloropropane	63	6.354	6.355	-0.001	88	64177	20.0	23.1	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	27090	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	91	22755	40.0	39.3	
74 1,4-Dioxane	88	6.495	6.495	0.000	49	11544	400.0	451.1	
72 Dibromomethane	93	6.501	6.501	0.000	86	32963	20.0	21.5	
76 n-Propyl acetate	43	6.537	6.538	-0.001	99	79890	20.0	22.6	
77 Dichlorobromomethane	83	6.684	6.684	0.000	94	76213	20.0	22.0	
78 2-Nitropropane	41	7.098	7.098	0.000	89	32292	40.0	40.8	
79 2-Chloroethyl vinyl ether	106	7.110	7.111	-0.001	65	4640	20.0	17.6	
80 Epichlorohydrin	57	7.226	7.226	0.000	99	104975	400.0	409.5	
81 cis-1,3-Dichloropropene	75	7.287	7.287	0.000	93	96776	20.0	23.7	
82 4-Methyl-2-pentanone (MIBK)	43	7.501	7.501	0.000	98	254801	100.0	110.0	
\$ 83 Toluene-d8 (Surr)	98	7.574	7.580	-0.006	98	445329	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.665	7.665	0.000	92	220791	20.0	22.3	
85 trans-1,3-Dichloropropene	75	8.098	8.098	0.000	95	85554	20.0	23.5	
86 Ethyl methacrylate	69	8.159	8.159	0.000	91	62431	20.0	22.7	
87 1,1,2-Trichloroethane	83	8.354	8.354	0.000	91	40656	20.0	23.2	
88 Tetrachloroethene	166	8.391	8.391	0.000	82	40546	20.0	20.6	
89 1,3-Dichloropropane	76	8.604	8.610	-0.006	95	82767	20.0	23.6	
90 2-Hexanone	43	8.708	8.708	0.000	98	177471	100.0	107.1	
93 n-Butyl acetate	43	8.860	8.860	0.000	98	86352	20.0	25.1	
91 Chlorodibromomethane	129	8.872	8.879	-0.007	75	41883	20.0	20.6	
92 Ethylene Dibromide	107	9.055	9.055	0.000	97	41647	20.0	21.4	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	314661	50.0	50.0	
95 Chlorobenzene	112	9.768	9.775	-0.007	89	124104	20.0	21.8	
97 Ethylbenzene	106	9.915	9.915	0.000	99	70257	20.0	22.7	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.927	0.000	44	40568	20.0	20.9	
98 m-Xylene & p-Xylene	106	10.110	10.110	0.000	97	83534	20.0	22.1	
99 o-Xylene	106	10.750	10.750	0.000	92	80414	20.0	22.1	
101 n-Butyl acrylate	73	10.780	10.781	-0.001	95	39214	20.0	20.6	
100 Styrene	104	10.799	10.799	0.000	90	134164	20.0	22.2	
102 Bromoform	173	11.110	11.110	0.000	89	23393	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	11.158	11.159	-0.001	88	102669	20.0	26.9	
104 Isopropylbenzene	105	11.329	11.329	0.000	97	202653	20.0	22.6	
\$ 105 4-Bromofluorobenzene	174	11.610	11.610	0.000	80	101497	50.0	47.5	
106 Bromobenzene	156	11.780	11.780	0.000	89	41424	20.0	21.6	
107 1,1,2,2-Tetrachloroethane	83	11.878	11.878	0.000	94	56079	20.0	23.1	
110 N-Propylbenzene	91	11.908	11.908	0.000	97	259672	20.0	25.2	
108 1,2,3-Trichloropropane	110	11.933	11.933	0.000	94	14264	20.0	21.8	
109 trans-1,4-Dichloro-2-butene	53	11.975	11.976	-0.001	87	18758	20.0	24.2	
111 2-Chlorotoluene	91	12.030	12.030	0.000	96	165056	20.0	23.6	
112 4-Ethyltoluene	105	12.067	12.067	0.000	98	194935	20.0	23.9	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	91	153264	20.0	23.5	
113 4-Chlorotoluene	91	12.183	12.183	0.000	99	165860	20.0	23.6	
115 Butyl Methacrylate	87	12.317	12.317	0.000	95	58592	20.0	23.1	
116 tert-Butylbenzene	119	12.518	12.518	0.000	90	123525	20.0	23.5	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	99	154703	20.0	22.9	
118 sec-Butylbenzene	105	12.768	12.768	0.000	98	192421	20.0	24.3	
119 1,3-Dichlorobenzene	146	12.908	12.908	0.000	90	72473	20.0	21.8	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	90	147003	20.0	23.9	
* 120 1,4-Dichlorobenzene-d4	152	12.993	12.994	-0.001	96	139183	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.018	13.018	0.000	87	74538	20.0	21.7	
123 1,2,3-Trimethylbenzene	105	13.054	13.055	-0.001	99	150290	20.0	23.3	
124 Benzyl chloride	91	13.182	13.183	-0.001	97	103510	20.0	24.4	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	89	142571	20.0	22.8	
127 p-Diethylbenzene	119	13.335	13.335	0.000	86	85794	20.0	24.1	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	83880	20.0	24.6	
126 1,2-Dichlorobenzene	146	13.396	13.396	0.000	90	66016	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	14.073	14.073	0.000	95	110716	20.0	23.0	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	82	7646	20.0	18.5	
131 1,3,5-Trichlorobenzene	180	14.280	14.280	0.000	87	34196	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	14.822	14.823	-0.001	91	28410	20.0	19.5	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	73	11447	20.0	20.9	
134 Naphthalene	128	15.024	15.024	0.000	98	83731	20.0	20.3	
135 1,2,3-Trichlorobenzene	180	15.213	15.213	0.000	76	22002	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 137 Xylenes, Total	100				0		40.0	44.3	
S 140 Total BTEX	1				0		100.0	113.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	47.2	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00161

Amount Added: 20.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

524freon_00059

Amount Added: 20.00

Units: uL

GASES Li_00500

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654923.D

Injection Date: 31-Oct-2022 06:38:57

Instrument ID: CVOAMS15

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

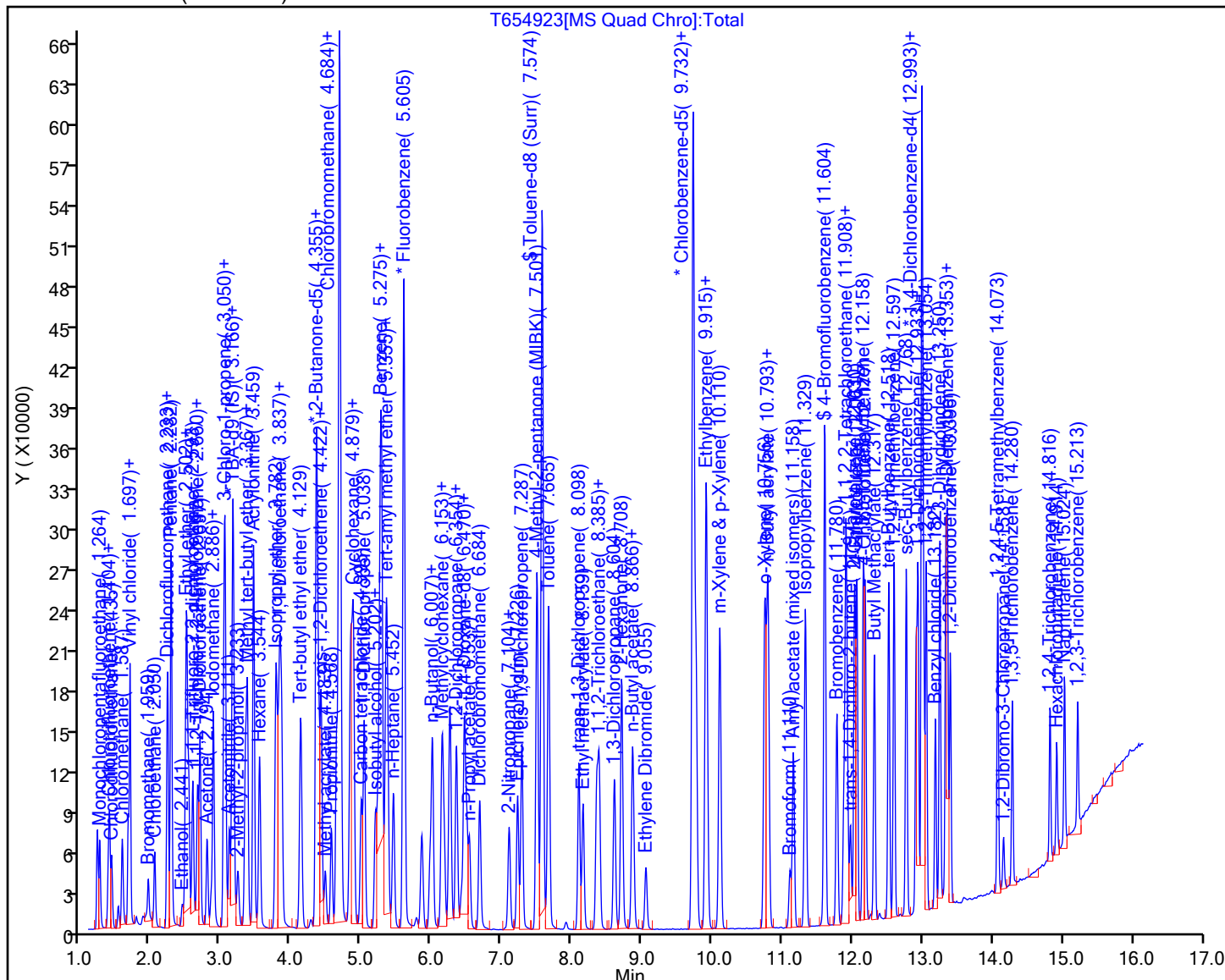
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654923.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 31-Oct-2022 06:38:57 ALS Bottle#: 0 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0152515-003
Operator ID: Instrument ID: CVOAMS15
Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 08:44:03

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	47.6	95.30
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	102.03
\$ 83 Toluene-d8 (Surr)	50.0	52.2	104.46
\$ 105 4-Bromofluorobenzene	50.0	47.5	95.00

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654923.D

Injection Date: 31-Oct-2022 06:38:57

Instrument ID: CVOAMS15

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

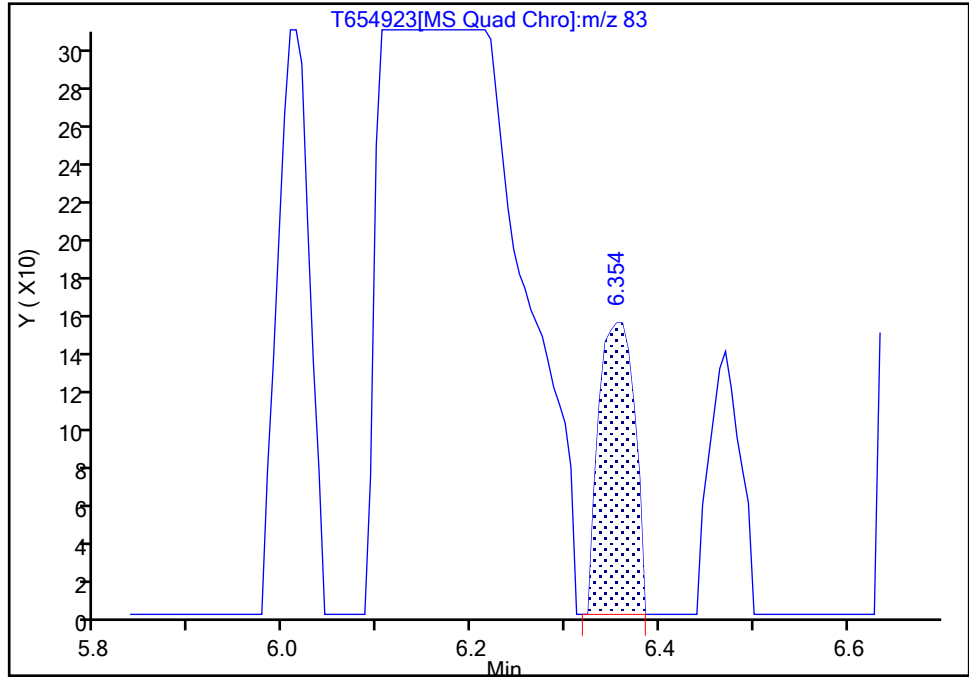
MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

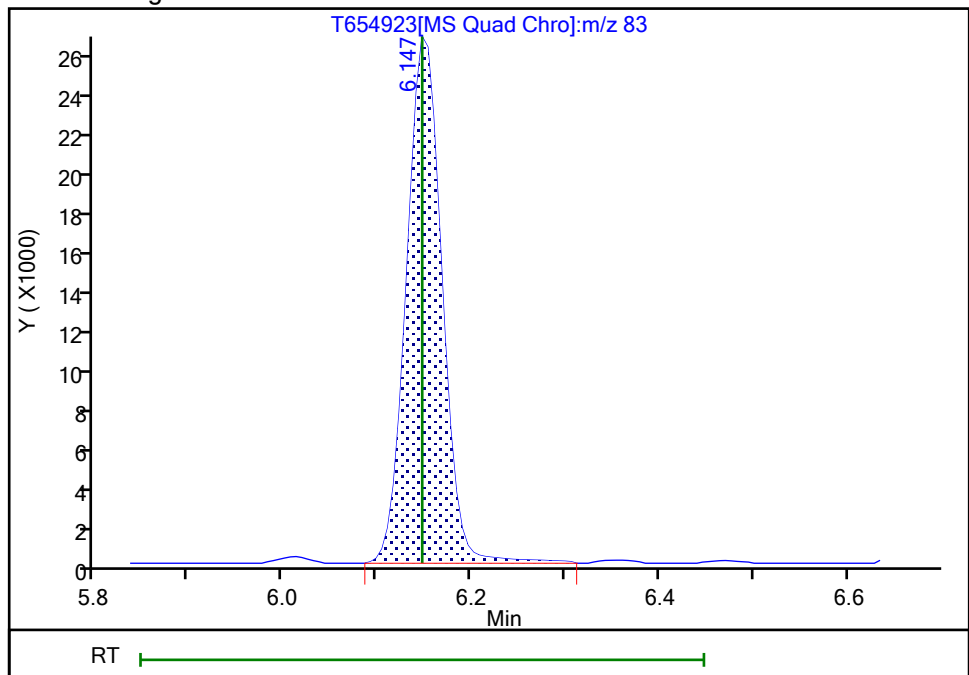
RT: 6.35
Area: 403
Amount: 0.125520
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 69874
Amount: 21.763166
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 31-Oct-2022 08:58:00

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875343/5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62719.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 07:40</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.0		1.0	0.27
71-55-6	1,1,1-Trichloroethane	19.1		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	21.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.20
75-34-3	1,1-Dichloroethane	18.3		1.0	0.26
75-35-4	1,1-Dichloroethene	20.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.21
107-06-2	1,2-Dichloroethane	16.7		1.0	0.43
78-87-5	1,2-Dichloropropane	18.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.33
123-91-1	1,4-Dioxane	569		50	28
78-93-3	2-Butanone (MEK)	116		5.0	1.9
591-78-6	2-Hexanone	99.8		5.0	1.1
75-65-0	2-Methyl-2-propanol	198		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
67-64-1	Acetone	93.5		5.0	4.4
71-43-2	Benzene	18.7		1.0	0.20
75-25-2	Bromoform	18.8		1.0	0.54
74-83-9	Bromomethane	22.6		1.0	0.55
75-15-0	Carbon disulfide	19.5		1.0	0.82
56-23-5	Carbon tetrachloride	19.8		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
74-97-5	Chlorobromomethane	20.7		1.0	0.41
124-48-1	Chlorodibromomethane	18.4		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	18.6		1.0	0.33
74-87-3	Chloromethane	16.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-875343/5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62719.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 07:40</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
110-82-7	Cyclohexane	21.3		1.0	0.32
75-27-4	Dichlorobromomethane	17.7		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.4		1.0	0.31
100-41-4	Ethylbenzene	19.6		1.0	0.30
106-93-4	Ethylene Dibromide	19.8		1.0	0.50
98-82-8	Isopropylbenzene	20.2		1.0	0.34
79-20-9	Methyl acetate	30.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.9		1.0	0.22
108-87-2	Methylcyclohexane	20.5		1.0	0.71
75-09-2	Methylene Chloride	19.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.7		1.0	0.30
95-47-6	o-Xylene	19.6		1.0	0.36
100-42-5	Styrene	20.3		1.0	0.42
127-18-4	Tetrachloroethene	21.2		1.0	0.25
108-88-3	Toluene	19.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.22
79-01-6	Trichloroethene	18.8		1.0	0.31
75-69-4	Trichlorofluoromethane	20.0		1.0	0.32
75-01-4	Vinyl chloride	17.7		1.0	0.17
1330-20-7	Xylenes, Total	39.3		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	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62719.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 01-Nov-2022 07:40:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152569-005
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 21:54:20 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:35:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.178	-0.013	69	5408	20.0	19.7	
3 Chlorotrifluoroethene	116	1.239	1.245	-0.007	81	25366	20.0	18.7	
2 1,1-Difluoroethane	65	1.257	1.257	0.000	96	40281	20.0	17.6	
4 Dichlorodifluoromethane	85	1.275	1.269	0.006	48	59386	20.0	16.4	a
5 Chlorodifluoromethane	67	1.293	1.287	0.006	98	13390	20.0	18.1	a
6 Chloromethane	50	1.421	1.421	0.000	99	88664	20.0	16.4	
7 Vinyl chloride	62	1.495	1.495	0.000	98	75705	20.0	17.7	
8 Butadiene	54	1.507	1.507	0.000	95	73993	20.0	17.9	
9 Bromomethane	94	1.745	1.745	-0.001	99	59348	20.0	22.6	
10 Chloroethane	64	1.787	1.787	0.000	99	46072	20.0	20.4	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	136654	20.0	18.0	
13 Pentane	72	1.958	1.958	0.000	95	17559	40.0	45.6	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	58	86821	20.0	20.0	
15 Ethyl ether	74	2.122	2.123	0.000	95	43978	20.0	20.2	
14 Ethanol	46	2.116	2.129	-0.013	66	11966	800.0	1379.4	M
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	95	59736	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.190	2.196	-0.006	86	65027	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.238	0.000	89	103780	20.0	19.4	a
19 Acrolein	56	2.281	2.287	-0.006	93	18036	40.0	47.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.299	2.299	0.000	95	58364	20.0	21.2	
21 1,1-Dichloroethene	96	2.311	2.311	0.000	97	69862	20.0	20.8	
22 Acetone	43	2.397	2.391	0.006	90	84411	100.0	93.5	
23 Iodomethane	142	2.446	2.446	0.000	96	136067	20.0	21.5	
25 Isopropyl alcohol	45	2.482	2.464	0.018	29	24958	200.0	209.5	
24 Carbon disulfide	76	2.470	2.476	-0.006	99	278289	20.0	19.5	
26 3-Chloro-1-propene	76	2.586	2.586	0.000	92	49913	20.0	18.8	
28 Cyclopentene	67	2.598	2.598	0.000	90	157363	20.0	18.3	
27 Methyl acetate	43	2.604	2.598	0.006	65	85533	40.0	30.7	
29 Acetonitrile	40	2.592	2.659	-0.067	73	24933	200.0	227.3	
30 Methylene Chloride	84	2.702	2.702	0.000	92	84975	20.0	19.7	
* 31 TBA-d9 (IS)	66	2.714	2.726	-0.012	0	36387	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.787	2.781	0.006	93	76577	200.0	198.3	a
33 Methyl tert-butyl ether	73	2.848	2.842	0.006	98	207992	20.0	18.9	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	93	75502	20.0	20.1	
35 Acrylonitrile	53	2.939	2.933	0.006	96	258483	200.0	189.8	
36 Hexane	57	3.006	3.000	0.006	92	67508	20.0	20.0	
37 Isopropyl ether	45	3.202	3.202	0.000	96	230868	20.0	17.2	
38 1,1-Dichloroethane	63	3.232	3.226	0.006	99	128243	20.0	18.3	
39 Vinyl acetate	86	3.244	3.238	0.006	100	25549	40.0	61.8	
40 2-Chloro-1,3-butadiene	88	3.269	3.269	0.000	87	62948	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	90	218394	20.0	17.9	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	226698	250.0	250.0	
43 2,2-Dichloropropane	97	3.689	3.695	-0.006	74	26737	20.0	26.4	
44 cis-1,2-Dichloroethene	96	3.708	3.708	0.000	98	85463	20.0	20.1	
45 2-Butanone (MEK)	72	3.726	3.726	0.000	96	38661	100.0	116.5	
46 Ethyl acetate	70	3.732	3.726	0.006	96	13959	40.0	44.8	
47 Methyl acrylate	55	3.781	3.775	0.006	98	53481	20.0	16.9	a
48 Propionitrile	54	3.854	3.854	0.000	99	93649	200.0	186.7	
49 Chlorobromomethane	128	3.921	3.915	0.006	89	41696	20.0	20.7	
50 Tetrahydrofuran	72	3.915	3.921	-0.006	54	19206	40.0	49.7	
51 Methacrylonitrile	67	3.945	3.939	0.006	90	278366	200.0	187.3	
52 Chloroform	83	3.970	3.970	0.000	99	121299	20.0	18.6	
53 Cyclohexane	84	4.086	4.079	0.007	90	95550	20.0	21.3	
54 1,1,1-Trichloroethane	97	4.104	4.098	0.006	98	101789	20.0	19.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	98	113571	50.0	48.7	
56 Carbon tetrachloride	117	4.214	4.207	0.007	98	85745	20.0	19.8	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	98	93734	20.0	19.4	
58 Isobutyl alcohol	43	4.390	4.396	-0.006	45	87409	500.0	432.7	a
59 Isooctane	57	4.396	4.396	0.000	95	171653	20.0	16.8	
60 Benzene	78	4.421	4.421	0.000	96	292334	20.0	18.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	111761	50.0	43.4	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	84	244869	20.0	18.6	
63 Isopropyl acetate	61	4.494	4.500	-0.006	93	36797	20.0	18.4	
64 1,2-Dichloroethane	62	4.512	4.512	0.000	96	75547	20.0	16.7	
65 n-Heptane	100	4.579	4.573	0.006	91	12034	20.0	22.9	
* 66 Fluorobenzene	96	4.701	4.695	0.006	99	453323	50.0	50.0	
67 n-Butanol	56	5.037	5.024	0.013	58	30926	500.0	474.4	
68 Trichloroethene	95	5.030	5.030	0.000	99	71246	20.0	18.8	
69 Methylcyclohexane	83	5.146	5.146	0.000	91	99861	20.0	20.5	
70 Ethyl acrylate	99	5.158	5.165	-0.007	97	8952	20.0	22.0	
71 1,2-Dichloropropane	63	5.311	5.311	0.000	96	73817	20.0	18.5	
* 72 1,4-Dioxane-d8	96	5.384	5.378	0.006	0	19134	1000.0	1000.0	
73 Methyl methacrylate	100	5.396	5.396	0.000	88	31625	40.0	38.9	
75 1,4-Dioxane	88	5.427	5.427	0.000	39	14221	400.0	569.1	
74 Dibromomethane	93	5.433	5.433	0.000	96	42858	20.0	19.2	
76 n-Propyl acetate	43	5.457	5.457	0.000	97	78896	20.0	16.7	
77 Dichlorobromomethane	83	5.585	5.585	0.000	99	84611	20.0	17.7	
78 2-Nitropropane	41	5.914	5.914	0.000	78	23695	40.0	28.3	
79 2-Chloroethyl vinyl ether	63	5.921	5.921	0.000	83	38977	20.0	17.8	
80 Epichlorohydrin	57	6.018	6.018	0.000	99	123307	400.0	484.9	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	90	105229	20.0	18.7	
82 4-Methyl-2-pentanone (MIBK)	58	6.238	6.238	0.000	95	130922	100.0	104.4	
\$ 83 Toluene-d8 (Surr)	98	6.299	6.299	-0.001	99	415777	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.372	6.372	0.000	93	288193	20.0	19.0	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	96	85180	20.0	18.0	
86 Ethyl methacrylate	69	6.768	6.768	0.000	88	83247	20.0	18.2	
87 1,1,2-Trichloroethane	83	6.933	6.933	0.000	98	51587	20.0	18.5	
88 Tetrachloroethene	166	6.963	6.957	0.006	97	71284	20.0	21.2	
89 1,3-Dichloropropane	76	7.134	7.134	0.000	92	94729	20.0	18.3	
90 2-Hexanone	43	7.213	7.213	0.000	95	185794	100.0	99.8	
91 n-Butyl acetate	43	7.335	7.335	0.000	98	93559	20.0	16.0	
92 Chlorodibromomethane	129	7.353	7.353	0.000	98	63181	20.0	18.4	
93 Ethylene Dibromide	107	7.499	7.500	-0.001	98	59573	20.0	19.8	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	322530	50.0	50.0	
95 Chlorobenzene	112	8.073	8.073	0.000	96	184195	20.0	19.9	
96 Ethylbenzene	106	8.182	8.182	0.000	98	104329	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.201	8.201	0.000	98	69988	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	126445	20.0	19.7	
99 o-Xylene	106	8.853	8.853	0.000	95	135351	20.0	19.6	
100 n-Butyl acrylate	73	8.871	8.871	0.000	98	53218	20.0	18.0	
101 Styrene	104	8.896	8.896	0.000	97	206188	20.0	20.3	
102 Bromoform	173	9.152	9.152	0.000	99	42800	20.0	18.8	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	91	118221	20.0	15.5	
104 Isopropylbenzene	105	9.316	9.322	-0.006	95	338809	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	94	136612	50.0	53.8	
106 Bromobenzene	156	9.700	9.700	0.000	97	84688	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.786	9.786	0.000	99	87330	20.0	18.7	
108 N-Propylbenzene	91	9.804	9.804	0.000	99	408980	20.0	18.6	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	97	23450	20.0	18.7	
110 trans-1,4-Dichloro-2-butene	53	10.145	9.859	0.286	41	1908	20.0	2.32	
111 2-Chlorotoluene	91	9.914	9.908	0.006	96	270420	20.0	18.0	
112 4-Ethyltoluene	105	9.932	9.932	0.000	98	335463	20.0	18.7	
113 1,3,5-Trimethylbenzene	105	10.011	10.011	0.000	94	282728	20.0	18.2	
114 4-Chlorotoluene	91	10.042	10.042	0.000	97	259195	20.0	18.4	
115 Butyl Methacrylate	87	10.151	10.145	0.006	87	97172	20.0	17.5	
116 tert-Butylbenzene	119	10.328	10.328	0.000	95	221896	20.0	18.2	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	97	298593	20.0	18.5	
118 sec-Butylbenzene	105	10.548	10.548	0.000	100	375732	20.0	19.1	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	98	164375	20.0	19.8	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	317720	20.0	19.3	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	94	189731	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.773	10.773	0.000	96	165862	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	98	308218	20.0	18.0	
124 Benzyl chloride	91	10.926	10.926	0.000	99	161202	20.0	29.7	
125 2,3-Dihydroindene	117	10.981	10.981	-0.001	95	313208	20.0	19.0	
126 p-Diethylbenzene	119	11.054	11.054	0.000	94	203489	20.0	22.5	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	176870	20.0	19.9	
128 1,2-Dichlorobenzene	146	11.121	11.115	0.006	98	169432	20.0	19.9	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	98	306689	20.0	18.4	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	94	18694	20.0	17.7	
131 1,3,5-Trichlorobenzene	180	11.932	11.932	0.000	98	144473	20.0	20.7	
132 1,2,4-Trichlorobenzene	180	12.438	12.438	0.000	94	138675	20.0	21.1	
133 Hexachlorobutadiene	225	12.529	12.523	0.006	98	57705	20.0	21.6	
134 Naphthalene	128	12.627	12.627	0.000	100	333309	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	134671	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	
S 137 Xylenes, Total	100				0		40.0	39.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	36.7	
S 140 Total BTEX	1				0		100.0	96.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00500	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62719.D

Injection Date: 01-Nov-2022 07:40:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

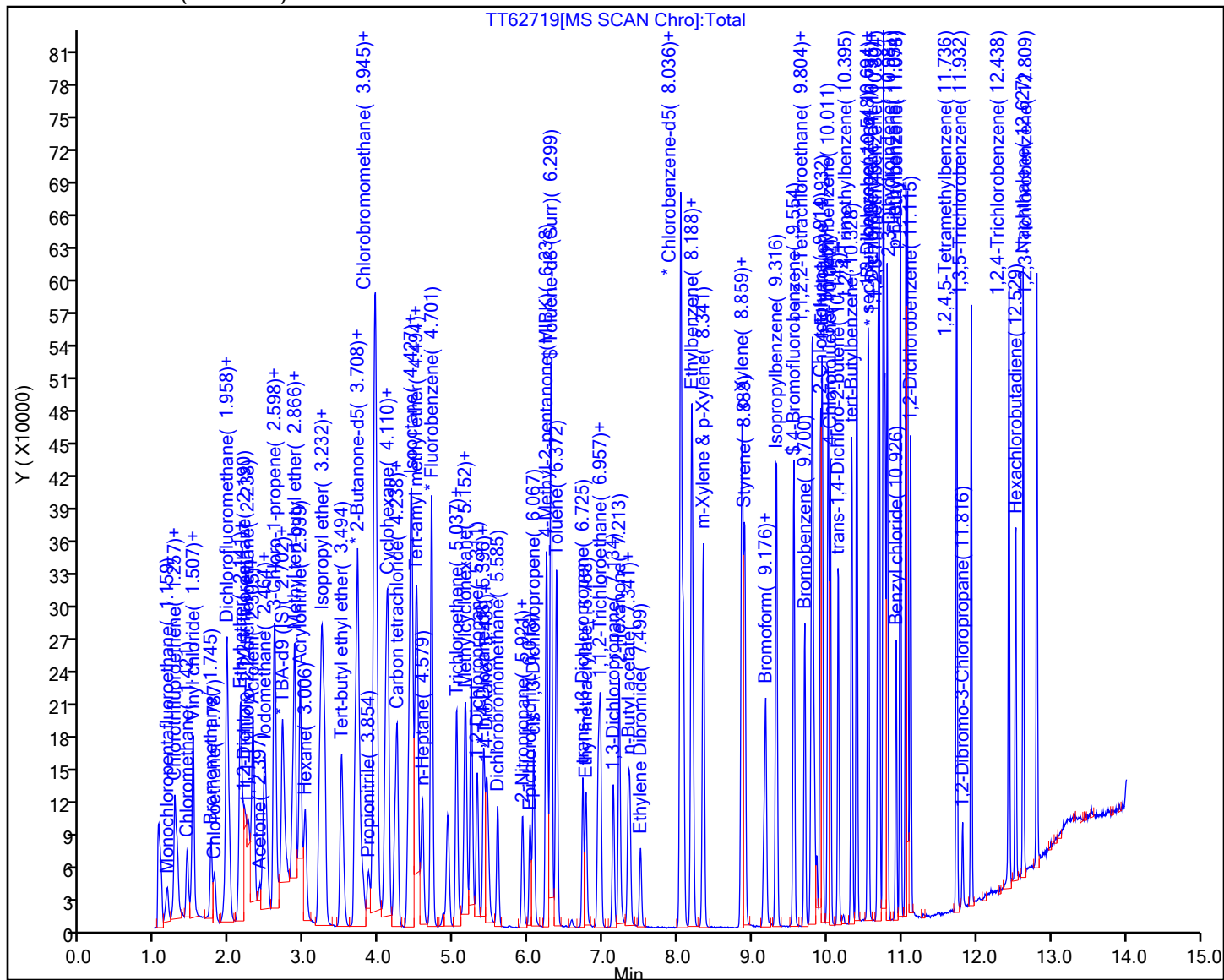
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62719.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 01-Nov-2022 07:40:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152569-005
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 21:54:20 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: FK2C

Date: 01-Nov-2022 12:35:10

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	48.7	97.47
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.4	86.71
\$ 83 Toluene-d8 (Surr)	50.0	48.1	96.10
\$ 105 4-Bromofluorobenzene	50.0	53.8	107.58

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62719.D

Injection Date: 01-Nov-2022 07:40:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

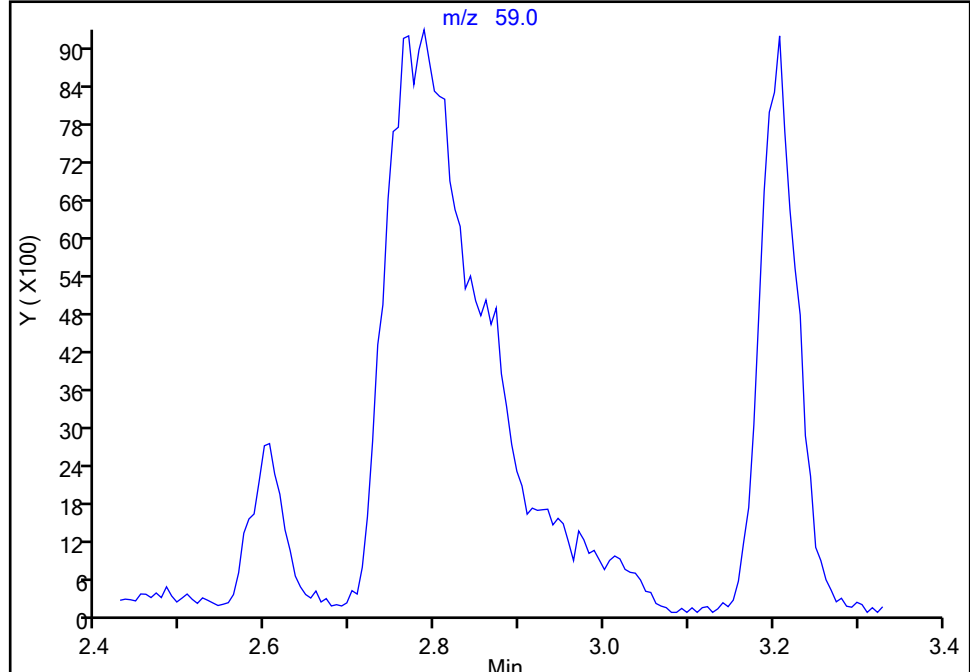
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

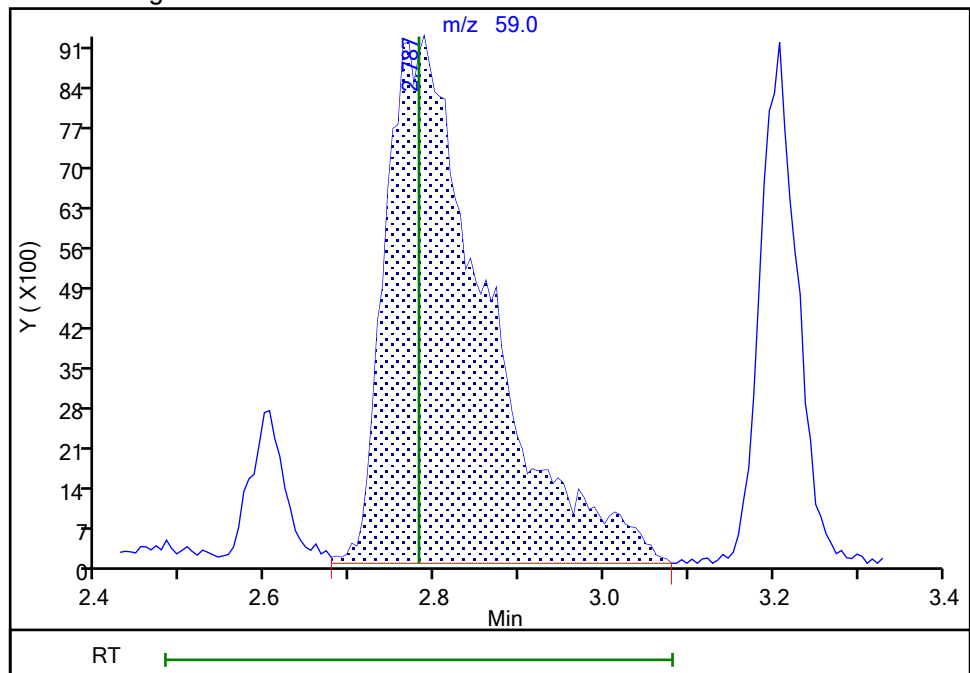
Not Detected

Expected RT: 2.78

Processing Integration Results



Manual Integration Results



RT: 2.79

Area: 76577

Amount: 198.3045

Amount Units: ug/l

Reviewer: FK2C, 01-Nov-2022 12:34:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62719.D

Injection Date: 01-Nov-2022 07:40:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

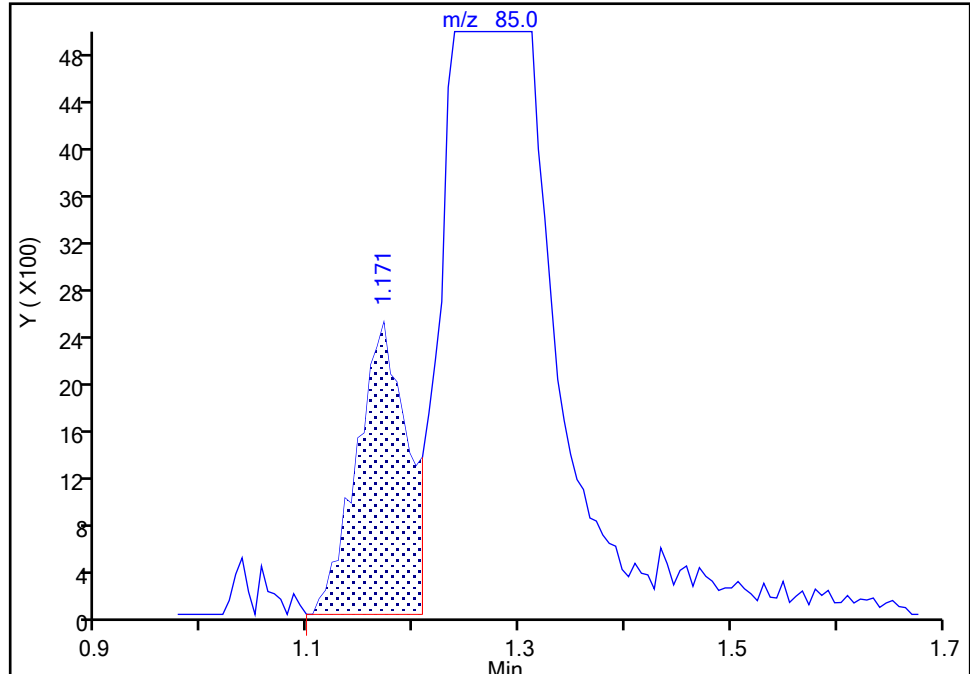
MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

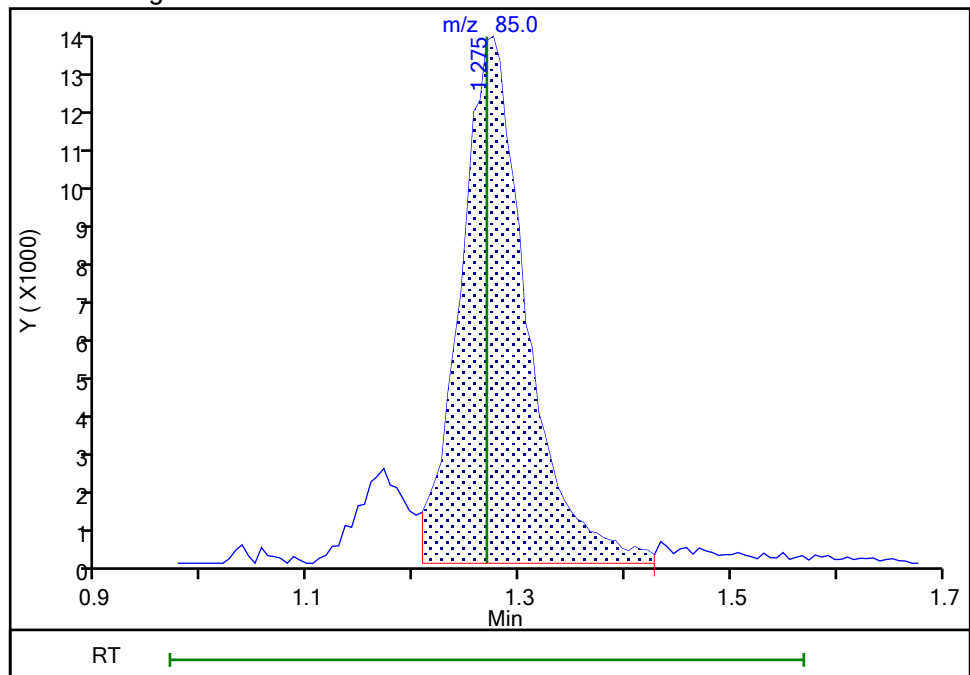
RT: 1.17
Area: 8251
Amount: 2.277370
Amount Units: ug/l

Processing Integration Results



RT: 1.28
Area: 59386
Amount: 16.391210
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 01-Nov-2022 12:34:14

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875140/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654924.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 07:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.5		1.0	0.27
71-55-6	1,1,1-Trichloroethane	22.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	24.3		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	23.7		1.0	0.20
75-34-3	1,1-Dichloroethane	24.4		1.0	0.26
75-35-4	1,1-Dichloroethene	21.5		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.0		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.3		1.0	0.21
107-06-2	1,2-Dichloroethane	21.9		1.0	0.43
78-87-5	1,2-Dichloropropane	23.9		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.5		1.0	0.33
123-91-1	1,4-Dioxane	462		50	28
78-93-3	2-Butanone (MEK)	101		5.0	1.9
591-78-6	2-Hexanone	111		5.0	1.1
75-65-0	2-Methyl-2-propanol	225		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	115		5.0	1.3
67-64-1	Acetone	114		5.0	4.4
71-43-2	Benzene	24.5		1.0	0.20
75-25-2	Bromoform	19.8		1.0	0.54
74-83-9	Bromomethane	37.7		1.0	0.55
75-15-0	Carbon disulfide	23.9		1.0	0.82
56-23-5	Carbon tetrachloride	21.8		1.0	0.21
108-90-7	Chlorobenzene	22.3		1.0	0.38
74-97-5	Chlorobromomethane	21.4		1.0	0.41
124-48-1	Chlorodibromomethane	21.3		1.0	0.28
75-00-3	Chloroethane	20.3		1.0	0.32
67-66-3	Chloroform	22.1		1.0	0.33
74-87-3	Chloromethane	23.1		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875140/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654924.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/31/2022 07:00</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875140</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	24.5		1.0	0.22
110-82-7	Cyclohexane	22.8		1.0	0.32
75-27-4	Dichlorobromomethane	21.8		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.31
100-41-4	Ethylbenzene	22.9		1.0	0.30
106-93-4	Ethylene Dibromide	22.0		1.0	0.50
98-82-8	Isopropylbenzene	23.0		1.0	0.34
79-20-9	Methyl acetate	48.1		5.0	0.79
1634-04-4	Methyl tert-butyl ether	22.4		1.0	0.22
108-87-2	Methylcyclohexane	22.0		1.0	0.71
75-09-2	Methylene Chloride	22.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.8		1.0	0.30
95-47-6	o-Xylene	22.5		1.0	0.36
100-42-5	Styrene	22.7		1.0	0.42
127-18-4	Tetrachloroethene	20.9		1.0	0.25
108-88-3	Toluene	22.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	24.0		1.0	0.22
79-01-6	Trichloroethene	22.0		1.0	0.31
75-69-4	Trichlorofluoromethane	20.7		1.0	0.32
75-01-4	Vinyl chloride	23.2		1.0	0.17
1330-20-7	Xylenes, Total	45.3		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	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654924.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 31-Oct-2022 07:00:17 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0152515-004
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 08:59:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	33	2311	20.0	11.5	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	64	5948	20.0	12.1	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	97	24113	20.0	19.7	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	47491	20.0	17.2	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	80	9578	20.0	19.5	
6 Chloromethane	50	1.587	1.587	0.000	88	71947	20.0	23.1	
7 Vinyl chloride	62	1.672	1.673	-0.001	99	74550	20.0	23.2	
8 Butadiene	54	1.697	1.697	0.000	98	74746	20.0	22.3	
9 Bromomethane	94	1.959	1.959	0.000	99	21248	20.0	37.7	
10 Chloroethane	64	2.050	2.051	-0.001	98	45145	20.0	20.3	
11 Dichlorofluoromethane	67	2.227	2.227	0.000	89	113128	20.0	22.8	
12 Trichlorofluoromethane	101	2.239	2.240	-0.001	84	70394	20.0	20.7	
13 Pentane	72	2.288	2.282	0.006	96	19771	40.0	43.5	
14 Ethanol	46	2.447	2.441	0.006	99	13745	800.0	1021.4	
15 Ethyl ether	59	2.489	2.489	0.000	89	50285	20.0	23.3	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	99	61092	20.0	25.0	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.532	0.006	89	33647	20.0	18.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	91	70843	20.0	20.7	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	88	44107	20.0	21.0	
19 Acrolein	56	2.666	2.666	0.000	64	17628	40.0	49.9	
20 1,1-Dichloroethene	96	2.697	2.697	-0.001	85	47662	20.0	21.5	
22 Acetone	43	2.800	2.794	0.006	86	88028	100.0	113.6	
23 Iodomethane	142	2.855	2.855	0.000	99	36220	20.0	16.9	
24 Carbon disulfide	76	2.886	2.886	0.000	100	187315	20.0	23.9	
25 Isopropyl alcohol	45	2.886	2.886	0.000	35	39224	200.0	258.1	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	85	38821	20.0	25.0	
29 Cyclopentene	67	3.056	3.056	0.000	89	135554	20.0	23.7	
28 Methyl acetate	43	3.056	3.056	0.000	77	93713	40.0	48.1	
26 Acetonitrile	41	3.117	3.111	0.006	98	86031	200.0	252.6	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	99	40946	1000.0	1000.0	
30 Methylene Chloride	84	3.172	3.172	0.000	64	60765	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	98	56504	200.0	224.8	
35 Methyl tert-butyl ether	73	3.349	3.343	0.006	97	154143	20.0	22.4	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	90	56768	20.0	21.4	
33 Acrylonitrile	53	3.459	3.459	0.000	94	232299	200.0	238.0	
36 Hexane	57	3.544	3.544	0.000	94	68026	20.0	23.0	
40 Isopropyl ether	45	3.782	3.782	0.000	97	215791	20.0	25.6	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	124551	20.0	24.4	
38 Vinyl acetate	86	3.837	3.837	0.000	100	23134	40.0	40.4	
39 2-Chloro-1,3-butadiene	88	3.861	3.861	0.000	91	51448	20.0	22.7	
41 Tert-butyl ethyl ether	59	4.135	4.129	0.006	87	180250	20.0	23.8	
* 42 2-Butanone-d5	46	4.355	4.355	0.000	87	360588	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	59	20414	20.0	22.2	
43 cis-1,2-Dichloroethene	96	4.391	4.392	-0.001	86	62553	20.0	20.8	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	95	31567	100.0	100.5	
47 Ethyl acetate	70	4.428	4.428	0.000	95	11883	40.0	39.7	
48 Methyl acrylate	55	4.483	4.483	0.000	99	52080	20.0	22.1	
46 Propionitrile	54	4.568	4.568	0.000	98	87766	200.0	253.6	
49 Chlorobromomethane	128	4.641	4.642	-0.001	92	24529	20.0	21.4	
51 Tetrahydrofuran	72	4.647	4.648	-0.001	76	14209	40.0	40.2	
50 Methacrylonitrile	67	4.684	4.684	0.000	95	239039	200.0	221.0	
52 Chloroform	83	4.708	4.709	-0.001	90	106762	20.0	22.1	
55 Cyclohexane	84	4.842	4.843	-0.001	95	77991	20.0	22.8	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	91	85646	20.0	22.2	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.885	0.000	93	119227	50.0	47.0	
56 Carbon tetrachloride	117	4.995	4.995	0.000	87	68441	20.0	21.8	
57 1,1-Dichloropropene	75	5.038	5.038	0.000	91	88367	20.0	23.8	
59 Isobutyl alcohol	43	5.196	5.196	0.000	98	84905	500.0	620.5	
62 Isooctane	57	5.233	5.239	-0.006	94	121307	20.0	22.3	a
60 Benzene	78	5.263	5.269	-0.006	98	246427	20.0	24.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.287	5.288	-0.001	88	168792	50.0	50.5	
64 Tert-amyl methyl ether	73	5.348	5.349	-0.001	75	157176	20.0	22.2	
63 Isopropyl acetate	61	5.361	5.361	0.000	94	30867	20.0	21.2	
61 1,2-Dichloroethane	62	5.373	5.373	0.000	88	83033	20.0	21.9	
66 n-Heptane	43	5.452	5.452	0.000	95	60250	20.0	24.6	
* 65 Fluorobenzene	96	5.605	5.605	-0.001	97	504123	50.0	50.0	
68 n-Butanol	56	5.976	5.977	-0.001	90	40648	500.0	607.1	
67 Trichloroethene	95	6.007	6.013	-0.006	88	58406	20.0	22.0	
70 Methylcyclohexane	83	6.147	6.147	0.000	91	73232	20.0	22.0	a
69 Ethyl acrylate	55	6.178	6.178	0.000	98	136083	20.0	23.0	a
71 1,2-Dichloropropane	63	6.354	6.355	-0.001	88	68713	20.0	23.9	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	27639	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	90	24320	40.0	40.5	
74 1,4-Dioxane	88	6.495	6.495	0.000	49	12073	400.0	462.4	
72 Dibromomethane	93	6.501	6.501	0.000	85	35149	20.0	22.1	
76 n-Propyl acetate	43	6.537	6.538	-0.001	99	91444	20.0	24.9	
77 Dichlorobromomethane	83	6.684	6.684	0.000	94	78393	20.0	21.8	
78 2-Nitropropane	41	7.098	7.098	0.000	87	33230	40.0	40.6	
79 2-Chloroethyl vinyl ether	106	7.110	7.111	-0.001	68	5667	20.0	20.7	
80 Epichlorohydrin	57	7.226	7.226	0.000	98	112895	400.0	424.6	
81 cis-1,3-Dichloropropene	75	7.287	7.287	0.000	92	104181	20.0	24.5	
82 4-Methyl-2-pentanone (MIBK)	43	7.501	7.501	-0.001	98	276608	100.0	115.1	
\$ 83 Toluene-d8 (Surr)	98	7.574	7.580	-0.006	98	457911	50.0	51.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.665	7.665	0.000	92	235742	20.0	22.9	
85 trans-1,3-Dichloropropene	75	8.098	8.098	0.000	95	91001	20.0	24.0	
86 Ethyl methacrylate	69	8.159	8.159	0.000	91	66728	20.0	23.3	
87 1,1,2-Trichloroethane	83	8.354	8.354	0.000	89	43250	20.0	23.7	
88 Tetrachloroethene	166	8.391	8.391	0.000	81	42612	20.0	20.9	
89 1,3-Dichloropropane	76	8.604	8.610	-0.006	94	88905	20.0	24.4	
90 2-Hexanone	43	8.708	8.708	0.000	98	190059	100.0	110.5	
93 n-Butyl acetate	43	8.860	8.860	0.000	98	92958	20.0	26.0	
91 Chlorodibromomethane	129	8.872	8.879	-0.007	76	44926	20.0	21.3	
92 Ethylene Dibromide	107	9.055	9.055	0.000	97	44579	20.0	22.0	
* 94 Chlorobenzene-d5	117	9.726	9.726	0.000	90	327376	50.0	50.0	
95 Chlorobenzene	112	9.768	9.775	-0.007	89	131837	20.0	22.3	
97 Ethylbenzene	106	9.915	9.915	0.000	99	73717	20.0	22.9	
96 1,1,1,2-Tetrachloroethane	131	9.921	9.927	-0.006	40	43608	20.0	21.5	
98 m-Xylene & p-Xylene	106	10.110	10.110	0.000	97	89504	20.0	22.8	
99 o-Xylene	106	10.750	10.750	0.000	92	85177	20.0	22.5	
101 n-Butyl acrylate	73	10.774	10.781	-0.007	95	42355	20.0	21.3	
100 Styrene	104	10.799	10.799	0.000	91	143027	20.0	22.7	
102 Bromoform	173	11.110	11.110	0.000	89	24194	20.0	19.8	
103 Amyl acetate (mixed isomers)	43	11.158	11.159	-0.001	88	109588	20.0	28.4	
104 Isopropylbenzene	105	11.329	11.329	0.000	97	213778	20.0	23.0	
\$ 105 4-Bromofluorobenzene	174	11.610	11.610	0.000	80	101725	50.0	45.8	
106 Bromobenzene	156	11.780	11.780	0.000	89	43564	20.0	22.4	
107 1,1,2,2-Tetrachloroethane	83	11.878	11.878	0.000	95	59768	20.0	24.3	
110 N-Propylbenzene	91	11.908	11.908	0.000	97	275114	20.0	26.4	
108 1,2,3-Trichloropropane	110	11.933	11.933	0.000	94	14728	20.0	22.2	
109 trans-1,4-Dichloro-2-butene	53	11.969	11.976	-0.007	87	19809	20.0	25.3	
111 2-Chlorotoluene	91	12.030	12.030	0.000	96	178705	20.0	25.3	
112 4-Ethyltoluene	105	12.061	12.067	-0.006	97	206066	20.0	25.0	
114 1,3,5-Trimethylbenzene	105	12.152	12.158	-0.006	90	161675	20.0	24.5	
113 4-Chlorotoluene	91	12.183	12.183	0.000	99	176633	20.0	24.8	
115 Butyl Methacrylate	87	12.311	12.317	-0.006	95	62123	20.0	24.2	
116 tert-Butylbenzene	119	12.518	12.518	0.000	90	130378	20.0	24.5	
117 1,2,4-Trimethylbenzene	105	12.591	12.597	-0.006	99	164925	20.0	24.1	
118 sec-Butylbenzene	105	12.768	12.768	0.000	98	202258	20.0	25.2	
119 1,3-Dichlorobenzene	146	12.908	12.908	0.000	90	76441	20.0	22.7	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	95	156447	20.0	25.1	
* 120 1,4-Dichlorobenzene-d4	152	12.993	12.994	-0.001	96	141023	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.018	13.018	0.000	87	78446	20.0	22.5	
123 1,2,3-Trimethylbenzene	105	13.054	13.055	-0.001	99	159167	20.0	24.3	
124 Benzyl chloride	91	13.182	13.183	-0.001	97	108313	20.0	25.1	
125 2,3-Dihydroindene	117	13.249	13.250	-0.001	92	148294	20.0	23.4	
127 p-Diethylbenzene	119	13.335	13.335	0.000	86	91217	20.0	25.3	
128 n-Butylbenzene	92	13.353	13.359	-0.006	97	88409	20.0	25.6	
126 1,2-Dichlorobenzene	146	13.396	13.396	0.000	91	69817	20.0	22.3	
130 1,2,4,5-Tetramethylbenzene	119	14.072	14.073	-0.001	95	119109	20.0	24.4	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	83	7862	20.0	18.7	
131 1,3,5-Trichlorobenzene	180	14.280	14.280	0.000	91	37336	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	14.816	14.823	-0.007	89	30666	20.0	20.7	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	74	12531	20.0	22.6	
134 Naphthalene	128	15.024	15.024	0.000	97	89458	20.0	21.4	
135 1,2,3-Trichlorobenzene	180	15.213	15.213	-0.001	81	24042	20.0	22.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.2	
S 137 Xylenes, Total	100				0		40.0	45.3	
S 140 Total BTEX	1				0		100.0	115.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	48.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00161

Amount Added: 20.00

Units: uL

ACROLEIN W_00145

Amount Added: 4.00

Units: uL

524freon_00059

Amount Added: 20.00

Units: uL

GASES Li_00500

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654924.D

Injection Date: 31-Oct-2022 07:00:17

Instrument ID: CVOAMS15

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

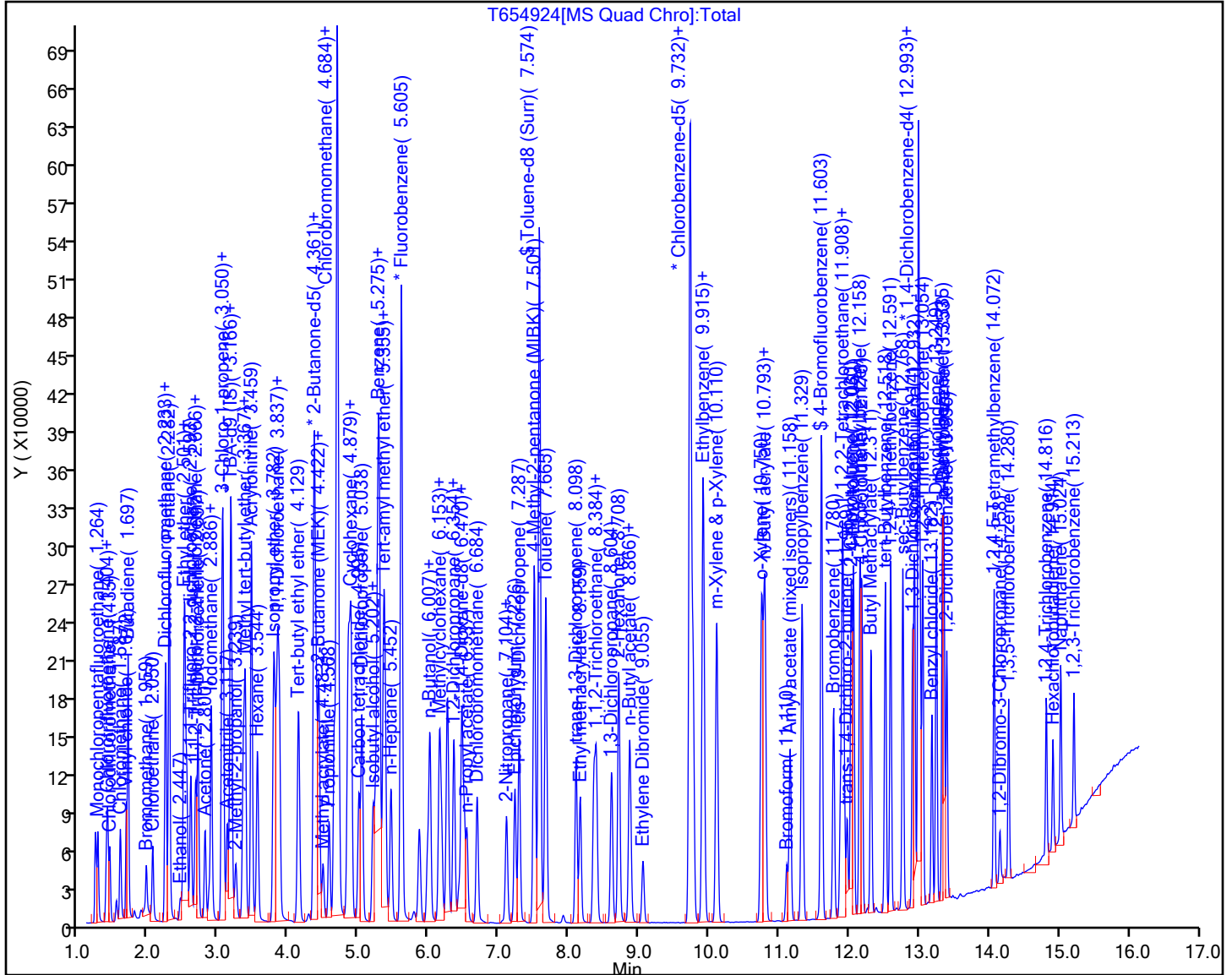
1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654924.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 31-Oct-2022 07:00:17 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0152515-004
Operator ID: Instrument ID: CVOAMS15
Method: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 31-Oct-2022 09:06:44 Calib Date: 28-Oct-2022 13:54:14
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20221028-152384.b\T654808.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1642

First Level Reviewer: FK2C

Date: 31-Oct-2022 08:59:17

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	47.0	93.91
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	100.96
\$ 83 Toluene-d8 (Surr)	50.0	51.6	103.24
\$ 105 4-Bromofluorobenzene	50.0	45.8	91.52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221031-152515.b\T654924.D

Injection Date: 31-Oct-2022 07:00:17

Instrument ID: CVOAMS15

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

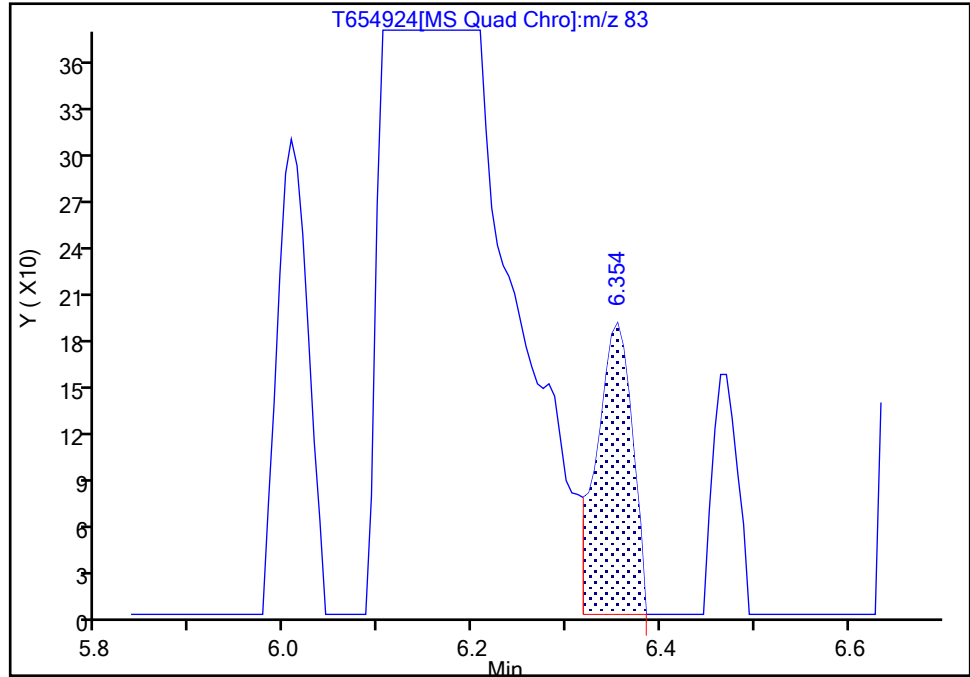
MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

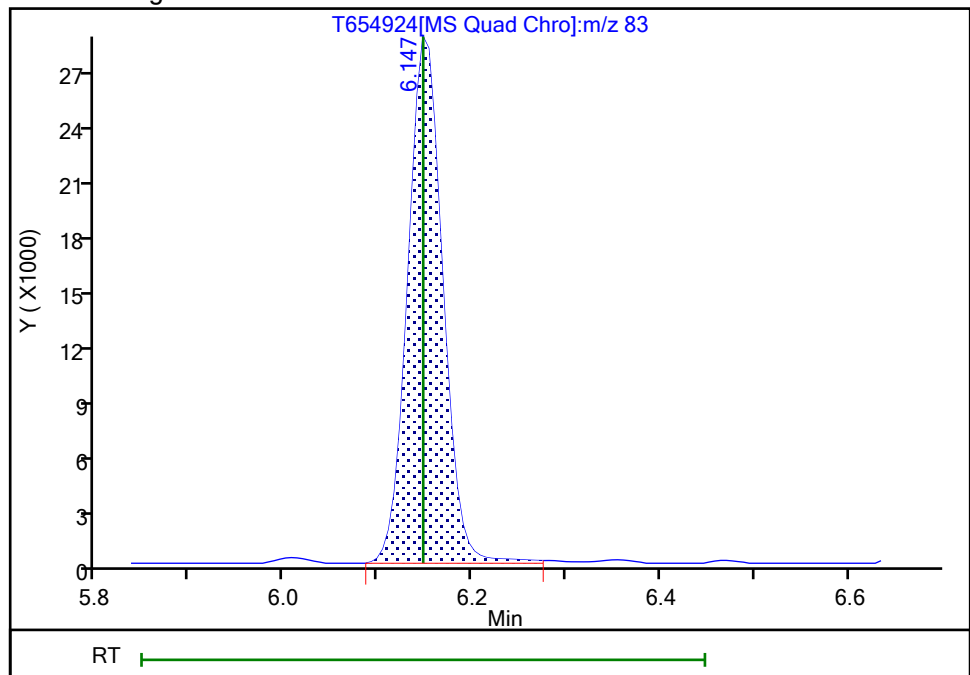
RT: 6.35
Area: 496
Amount: 0.149066
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 73232
Amount: 22.008810
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 31-Oct-2022 08:58:55

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>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875343/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62720.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 08:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.1		1.0	0.27
71-55-6	1,1,1-Trichloroethane	19.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.20
75-34-3	1,1-Dichloroethane	19.0		1.0	0.26
75-35-4	1,1-Dichloroethene	21.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	22.1		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	21.7		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	18.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.5		1.0	0.21
107-06-2	1,2-Dichloroethane	17.6		1.0	0.43
78-87-5	1,2-Dichloropropane	18.8		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		1.0	0.33
123-91-1	1,4-Dioxane	544		50	28
78-93-3	2-Butanone (MEK)	117		5.0	1.9
591-78-6	2-Hexanone	99.3		5.0	1.1
75-65-0	2-Methyl-2-propanol	204		10	8.3
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
67-64-1	Acetone	102		5.0	4.4
71-43-2	Benzene	18.8		1.0	0.20
75-25-2	Bromoform	18.3		1.0	0.54
74-83-9	Bromomethane	22.7		1.0	0.55
75-15-0	Carbon disulfide	20.0		1.0	0.82
56-23-5	Carbon tetrachloride	19.8		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
74-97-5	Chlorobromomethane	21.2		1.0	0.41
124-48-1	Chlorodibromomethane	18.5		1.0	0.28
75-00-3	Chloroethane	20.5		1.0	0.32
67-66-3	Chloroform	19.1		1.0	0.33
74-87-3	Chloromethane	16.6		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-268448-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-875343/6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT62720.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>11/01/2022 08:01</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (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>875343</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.22
110-82-7	Cyclohexane	22.0		1.0	0.32
75-27-4	Dichlorobromomethane	18.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	16.3		1.0	0.31
100-41-4	Ethylbenzene	19.8		1.0	0.30
106-93-4	Ethylene Dibromide	20.0		1.0	0.50
98-82-8	Isopropylbenzene	20.3		1.0	0.34
79-20-9	Methyl acetate	30.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	19.2		1.0	0.22
108-87-2	Methylcyclohexane	21.5		1.0	0.71
75-09-2	Methylene Chloride	20.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.3		1.0	0.30
95-47-6	o-Xylene	19.8		1.0	0.36
100-42-5	Styrene	20.4		1.0	0.42
127-18-4	Tetrachloroethene	21.6		1.0	0.25
108-88-3	Toluene	19.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.22
79-01-6	Trichloroethene	18.8		1.0	0.31
75-69-4	Trichlorofluoromethane	20.0		1.0	0.32
75-01-4	Vinyl chloride	17.9		1.0	0.17
1330-20-7	Xylenes, Total	40.1		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62720.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 01-Nov-2022 08:01:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0152569-006
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 21:54:20 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: W9CM

Date: 02-Nov-2022 21:55:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.165	1.178	-0.013	38	5704	20.0	21.1	
3 Chlorotrifluoroethene	116	1.245	1.245	0.000	59	25187	20.0	18.9	
2 1,1-Difluoroethane	65	1.257	1.257	0.000	96	42309	20.0	18.8	
4 Dichlorodifluoromethane	85	1.275	1.269	0.006	48	58180	20.0	16.3	
5 Chlorodifluoromethane	67	1.287	1.287	0.000	98	13021	20.0	18.0	a
6 Chloromethane	50	1.421	1.421	0.000	99	88124	20.0	16.6	
7 Vinyl chloride	62	1.495	1.495	0.000	97	75213	20.0	17.9	
8 Butadiene	54	1.507	1.507	0.000	94	74238	20.0	18.3	
9 Bromomethane	94	1.738	1.745	-0.007	98	59902	20.0	22.7	
10 Chloroethane	64	1.787	1.787	0.000	98	46804	20.0	20.5	
11 Dichlorofluoromethane	67	1.952	1.952	0.000	99	137738	20.0	18.5	
13 Pentane	72	1.946	1.958	-0.012	87	19252	40.0	51.0	
12 Trichlorofluoromethane	101	1.964	1.964	0.000	63	85133	20.0	20.0	
15 Ethyl ether	74	2.122	2.123	0.000	96	43089	20.0	20.2	
14 Ethanol	46	2.110	2.129	-0.019	67	13017	800.0	1579.2	M
16 2-Methyl-1,3-butadiene	53	2.141	2.141	0.000	95	59951	20.0	19.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.190	2.196	-0.006	94	62295	20.0	20.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.238	2.238	0.000	91	103062	20.0	19.6	a
19 Acrolein	56	2.281	2.287	-0.006	57	18928	40.0	50.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.293	2.299	-0.006	93	57365	20.0	21.2	
21 1,1-Dichloroethene	96	2.305	2.311	-0.006	96	71552	20.0	21.6	
22 Acetone	43	2.391	2.391	0.000	88	92849	100.0	102.2	
23 Iodomethane	142	2.446	2.446	0.000	96	134511	20.0	21.6	
25 Isopropyl alcohol	45	2.494	2.464	0.030	28	26275	200.0	232.1	a
24 Carbon disulfide	76	2.470	2.476	-0.006	99	281068	20.0	20.0	
26 3-Chloro-1-propene	76	2.586	2.586	0.000	93	49153	20.0	18.8	
28 Cyclopentene	67	2.598	2.598	0.000	90	155864	20.0	18.5	
27 Methyl acetate	43	2.598	2.598	0.000	63	84015	40.0	30.7	
29 Acetonitrile	40	2.653	2.659	-0.006	93	32741	200.0	296.4	M
30 Methylene Chloride	84	2.702	2.702	0.000	90	86205	20.0	20.3	
* 31 TBA-d9 (IS)	66	2.720	2.726	-0.006	0	34576	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.763	2.781	-0.018	91	74944	200.0	204.2	a
33 Methyl tert-butyl ether	73	2.842	2.842	0.000	98	207144	20.0	19.2	
34 trans-1,2-Dichloroethene	96	2.866	2.866	0.000	93	76275	20.0	20.6	
35 Acrylonitrile	53	2.939	2.933	0.006	97	270667	200.0	202.3	
36 Hexane	57	3.000	3.000	0.000	90	69358	20.0	21.0	
37 Isopropyl ether	45	3.202	3.202	0.000	96	231323	20.0	17.5	
38 1,1-Dichloroethane	63	3.226	3.226	0.000	99	131132	20.0	19.0	
39 Vinyl acetate	86	3.244	3.238	0.006	100	28284	40.0	67.9	
40 2-Chloro-1,3-butadiene	88	3.269	3.269	0.000	88	64091	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.494	3.494	0.000	89	221059	20.0	18.4	
* 42 2-Butanone-d5	46	3.677	3.677	0.000	0	228287	250.0	250.0	
43 2,2-Dichloropropane	97	3.695	3.695	0.000	87	27105	20.0	27.2	
44 cis-1,2-Dichloroethene	96	3.708	3.708	0.000	98	84934	20.0	20.4	
45 2-Butanone (MEK)	72	3.732	3.726	0.006	96	39198	100.0	117.3	
46 Ethyl acetate	70	3.732	3.726	0.006	96	14647	40.0	46.7	
47 Methyl acrylate	55	3.775	3.775	0.000	100	55839	20.0	18.0	
48 Propionitrile	54	3.854	3.854	0.000	99	97383	200.0	204.4	
49 Chlorobromomethane	128	3.915	3.915	0.000	91	42072	20.0	21.2	
50 Tetrahydrofuran	72	3.921	3.921	0.000	56	17476	40.0	44.9	
51 Methacrylonitrile	67	3.945	3.939	0.006	90	282546	200.0	193.5	
52 Chloroform	83	3.970	3.970	0.000	99	122219	20.0	19.1	
53 Cyclohexane	84	4.085	4.079	0.006	90	96984	20.0	22.0	
54 1,1,1-Trichloroethane	97	4.098	4.098	0.000	98	102009	20.0	19.5	
\$ 55 Dibromofluoromethane (Surr)	113	4.116	4.116	0.000	98	111221	50.0	48.6	
56 Carbon tetrachloride	117	4.214	4.207	0.007	97	84449	20.0	19.8	
57 1,1-Dichloropropene	75	4.238	4.238	0.000	98	93344	20.0	19.7	
58 Isobutyl alcohol	43	4.396	4.396	0.000	48	84919	500.0	442.4	
59 Isooctane	57	4.396	4.396	0.000	96	182819	20.0	18.2	
60 Benzene	78	4.421	4.421	0.000	97	294645	20.0	18.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.445	4.445	0.000	0	107236	50.0	42.3	
62 Tert-amyl methyl ether	73	4.488	4.488	0.000	88	245044	20.0	18.9	
63 Isopropyl acetate	61	4.500	4.500	0.000	92	36990	20.0	18.8	
64 1,2-Dichloroethane	62	4.512	4.512	0.000	96	78546	20.0	17.6	
65 n-Heptane	100	4.573	4.573	0.000	92	12100	20.0	23.4	
* 66 Fluorobenzene	96	4.695	4.695	0.000	99	445369	50.0	50.0	
67 n-Butanol	56	5.030	5.024	0.006	36	30240	500.0	488.2	
68 Trichloroethene	95	5.030	5.030	0.000	98	69749	20.0	18.8	
69 Methylcyclohexane	83	5.146	5.146	0.000	92	102755	20.0	21.5	
70 Ethyl acrylate	99	5.152	5.165	-0.013	97	9548	20.0	23.9	
71 1,2-Dichloropropane	63	5.305	5.311	-0.006	96	73607	20.0	18.8	
* 72 1,4-Dioxane-d8	96	5.372	5.378	-0.006	0	19475	1000.0	1000.0	
73 Methyl methacrylate	100	5.402	5.396	0.006	88	32519	40.0	40.7	
75 1,4-Dioxane	88	5.433	5.427	0.006	41	13848	400.0	544.4	
74 Dibromomethane	93	5.433	5.433	0.000	96	43205	20.0	19.7	
76 n-Propyl acetate	43	5.457	5.457	0.000	97	83128	20.0	17.9	
77 Dichlorobromomethane	83	5.585	5.585	0.000	99	85484	20.0	18.2	
78 2-Nitropropane	41	5.914	5.914	0.000	76	23631	40.0	28.7	
79 2-Chloroethyl vinyl ether	63	5.920	5.921	-0.001	87	40774	20.0	18.9	
80 Epichlorohydrin	57	6.018	6.018	0.000	99	127740	400.0	498.8	
81 cis-1,3-Dichloropropene	75	6.067	6.067	0.000	91	107828	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.238	6.238	0.000	95	138234	100.0	109.4	
\$ 83 Toluene-d8 (Surr)	98	6.298	6.299	-0.001	99	413025	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
84 Toluene	91	6.372	6.372	0.000	94	292936	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.725	6.725	0.000	96	87433	20.0	18.5	
86 Ethyl methacrylate	69	6.768	6.768	0.000	89	83968	20.0	18.3	
87 1,1,2-Trichloroethane	83	6.932	6.933	-0.001	98	52867	20.0	18.9	
88 Tetrachloroethene	166	6.963	6.957	0.006	97	72561	20.0	21.6	
89 1,3-Dichloropropane	76	7.134	7.134	0.000	92	97608	20.0	18.8	
90 2-Hexanone	43	7.213	7.213	0.000	95	186152	100.0	99.3	
91 n-Butyl acetate	43	7.335	7.335	0.000	99	98410	20.0	16.8	
92 Chlorodibromomethane	129	7.353	7.353	0.000	98	63469	20.0	18.5	
93 Ethylene Dibromide	107	7.499	7.500	-0.001	98	60299	20.0	20.0	
* 94 Chlorobenzene-d5	117	8.036	8.036	0.000	85	323058	50.0	50.0	
95 Chlorobenzene	112	8.073	8.073	0.000	96	188028	20.0	20.3	
96 Ethylbenzene	106	8.182	8.182	0.000	98	105628	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.201	8.201	0.000	97	70396	20.0	19.1	
98 m-Xylene & p-Xylene	106	8.341	8.341	0.000	0	130259	20.0	20.3	
99 o-Xylene	106	8.853	8.853	0.000	95	136735	20.0	19.8	
100 n-Butyl acrylate	73	8.871	8.871	0.000	98	53575	20.0	18.1	
101 Styrene	104	8.896	8.896	0.000	97	207905	20.0	20.4	
102 Bromoform	173	9.152	9.152	0.000	98	41826	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	9.176	9.176	0.000	92	118119	20.0	15.8	
104 Isopropylbenzene	105	9.322	9.322	0.000	95	341226	20.0	20.3	
\$ 105 4-Bromofluorobenzene	174	9.554	9.554	0.000	95	132966	50.0	52.3	
106 Bromobenzene	156	9.700	9.700	0.000	97	85152	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	9.786	9.786	0.000	98	87341	20.0	19.1	
108 N-Propylbenzene	91	9.804	9.804	0.000	100	407138	20.0	18.9	
109 1,2,3-Trichloropropane	110	9.828	9.828	0.000	97	23168	20.0	18.9	
110 trans-1,4-Dichloro-2-butene	53	9.859	9.859	0.000	91	10763	20.0	13.4	a
111 2-Chlorotoluene	91	9.914	9.908	0.006	96	270306	20.0	18.4	
112 4-Ethyltoluene	105	9.932	9.932	0.000	98	336782	20.0	19.2	
113 1,3,5-Trimethylbenzene	105	10.011	10.011	0.000	94	285611	20.0	18.8	
114 4-Chlorotoluene	91	10.042	10.042	0.000	97	259278	20.0	18.8	
115 Butyl Methacrylate	87	10.151	10.145	0.006	87	96639	20.0	17.8	
116 tert-Butylbenzene	119	10.328	10.328	0.000	95	228242	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.395	10.395	0.000	97	297956	20.0	18.9	
118 sec-Butylbenzene	105	10.548	10.548	0.000	99	377505	20.0	19.6	
119 1,3-Dichlorobenzene	146	10.682	10.682	0.000	97	166920	20.0	20.6	
120 4-Isopropyltoluene	119	10.700	10.700	0.000	98	320044	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.755	10.755	0.000	93	185387	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.773	10.773	0.000	96	168729	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	10.804	10.804	0.000	98	306944	20.0	18.4	
124 Benzyl chloride	91	10.926	10.926	0.000	99	159045	20.0	30.0	
125 2,3-Dihydroindene	117	10.980	10.981	-0.001	95	310198	20.0	19.2	
126 p-Diethylbenzene	119	11.054	11.054	0.000	94	205164	20.0	23.2	
127 n-Butylbenzene	92	11.078	11.078	0.000	98	180458	20.0	20.8	
128 1,2-Dichlorobenzene	146	11.115	11.115	0.000	98	170264	20.0	20.5	
129 1,2,4,5-Tetramethylbenzene	119	11.736	11.736	0.000	97	309955	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.816	11.816	0.000	94	18517	20.0	18.0	
131 1,3,5-Trichlorobenzene	180	11.932	11.932	0.000	97	143989	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	12.438	12.438	0.000	94	139740	20.0	21.7	
133 Hexachlorobutadiene	225	12.529	12.523	0.006	99	58475	20.0	22.4	
134 Naphthalene	128	12.627	12.627	-0.001	100	332111	20.0	20.2	
135 1,2,3-Trichlorobenzene	180	12.809	12.809	0.000	96	136774	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 137 Xylenes, Total	100				0		40.0	40.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.5	
S 140 Total BTEX	1				0		100.0	98.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00500	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62720.D

Injection Date: 01-Nov-2022 08:01:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

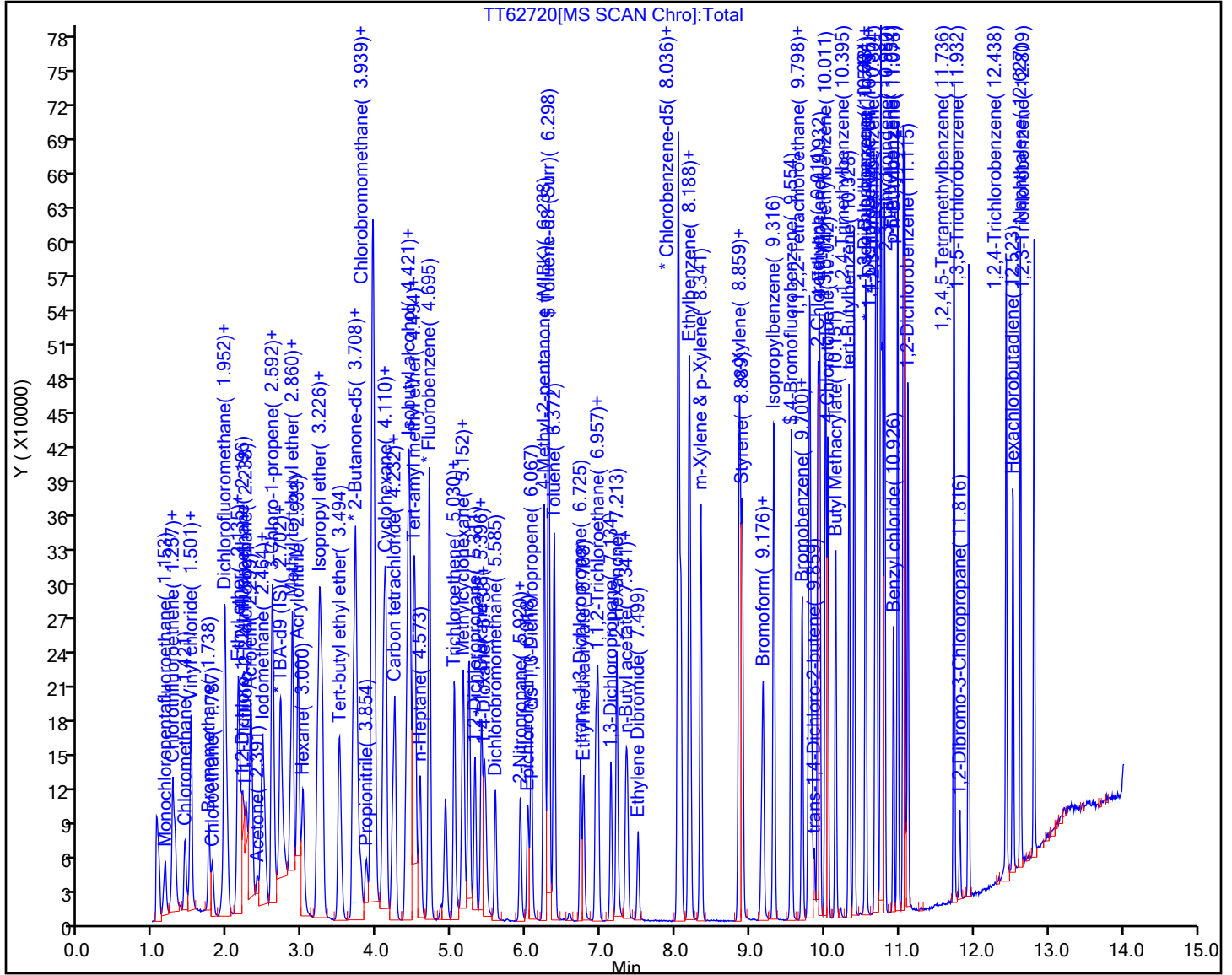
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62720.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 01-Nov-2022 08:01:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0152569-006
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\8260W_17.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 02-Nov-2022 21:54:20 Calib Date: 15-Oct-2022 04:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20221014-151764.b\TT62102.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1626

First Level Reviewer: W9CM

Date: 02-Nov-2022 21:55:11

Compound	Amount Added	Amount Recovered	% Rec.
\$ 55 Dibromofluoromethane (Surr)	50.0	48.6	97.15
\$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.3	84.68
\$ 83 Toluene-d8 (Surr)	50.0	47.7	95.31
\$ 105 4-Bromofluorobenzene	50.0	52.3	104.53

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20221101-152569.b\TT62720.D

Injection Date: 01-Nov-2022 08:01:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

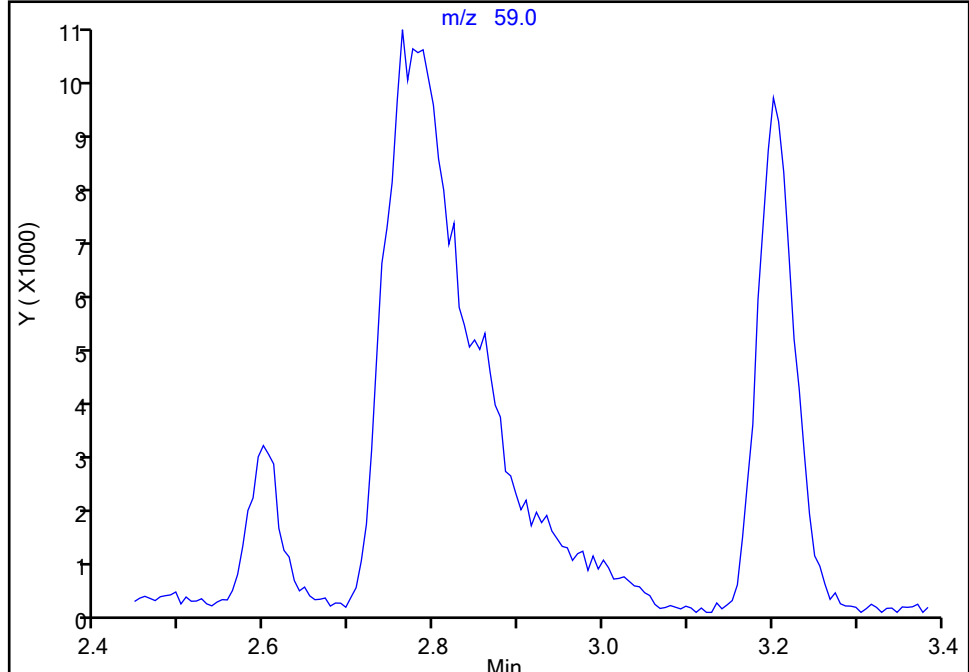
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

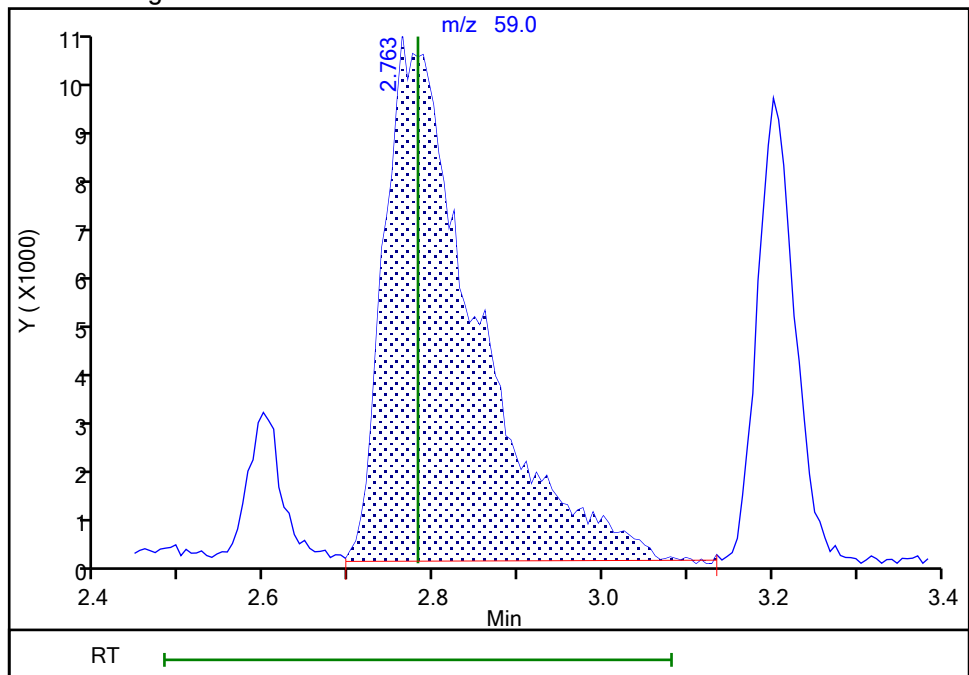
Not Detected

Expected RT: 2.78

Processing Integration Results



Manual Integration Results



RT: 2.76

Area: 74944

Amount: 204.2409

Amount Units: ug/l

Reviewer: FK2C, 01-Nov-2022 12:35:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins EdisonJob No.: 460-268448-1

SDG No.: _____

Instrument ID: CVOAMS15Start Date: 10/28/2022 07:10Analysis Batch Number: 874641End Date: 10/28/2022 23:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-874641/1		10/28/2022 07:10	1	T654793a.D	DB-624 0.18 (mm)
STD8 460-874641/2 IC		10/28/2022 07:31	1	T654794.D	DB-624 0.18 (mm)
STD05 460-874641/3 IC		10/28/2022 07:52	1	T654795.D	DB-624 0.18 (mm)
STD1 460-874641/4 IC		10/28/2022 08:13	1	T654796.D	DB-624 0.18 (mm)
STD5 460-874641/5 IC		10/28/2022 08:35	1	T654797.D	DB-624 0.18 (mm)
STD50 460-874641/7 IC		10/28/2022 09:18	1	T654799.D	DB-624 0.18 (mm)
STD200 460-874641/9 IC		10/28/2022 10:15	1	T654801.D	DB-624 0.18 (mm)
STD500 460-874641/10 IC		10/28/2022 10:37	1	T654802.D	DB-624 0.18 (mm)
STD20 460-874641/16 ICIS		10/28/2022 13:54	1	T654808.D	DB-624 0.18 (mm)
ICV 460-874641/17		10/28/2022 14:33	1	T654809.D	DB-624 0.18 (mm)
ZZZZZ		10/28/2022 14:55	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 15:16	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 16:20	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 16:42	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 17:03	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 17:24	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 17:46	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 18:07	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 18:28	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 18:50	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 19:11	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 19:33	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 19:54	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 20:16	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 20:37	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 20:59	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 21:20	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 21:42	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 22:03	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 22:25	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 22:46	1		DB-624 0.18 (mm)
ZZZZZ		10/28/2022 23:08	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Instrument ID: CVOAMS15 Start Date: 10/31/2022 06:05Analysis Batch Number: 875140 End Date: 10/31/2022 13:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/31/2022 06:05	1		DB-624 0.18 (mm)
CCVIS 460-875140/2		10/31/2022 06:17	1	T654922.D	DB-624 0.18 (mm)
LCS 460-875140/3		10/31/2022 06:38	1	T654923.D	DB-624 0.18 (mm)
LCSD 460-875140/4		10/31/2022 07:00	1	T654924.D	DB-624 0.18 (mm)
MB 460-875140/7		10/31/2022 08:04	1	T654927.D	DB-624 0.18 (mm)
460-268448-1	TB-102522	10/31/2022 08:25	1	T654928.D	DB-624 0.18 (mm)
460-268448-6	FB-102522-1	10/31/2022 08:47	1	T654929.D	DB-624 0.18 (mm)
ZZZZZ		10/31/2022 09:51	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 10:13	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 10:34	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 10:55	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 11:59	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 12:21	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 12:42	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 13:04	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 13:25	1		DB-624 0.18 (mm)
ZZZZZ		10/31/2022 13:46	20		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 10/14/2022 23:38Analysis Batch Number: 872085 End Date: 10/15/2022 11:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-872085/1		10/14/2022 23:38	1	TT62092.D	DB-624 0.18 (mm)
STD8 460-872085/4 IC		10/15/2022 02:05	1	TT62095b.D	DB-624 0.18 (mm)
STD1 460-872085/6 IC		10/15/2022 02:47	1	TT62097.D	DB-624 0.18 (mm)
STD5 460-872085/7 IC		10/15/2022 03:07	1	TT62098.D	DB-624 0.18 (mm)
STD20 460-872085/8 ICIS		10/15/2022 03:28	1	TT62099.D	DB-624 0.18 (mm)
STD50 460-872085/9 IC		10/15/2022 03:48	1	TT62100.D	DB-624 0.18 (mm)
STD200 460-872085/10 IC		10/15/2022 04:09	1	TT62101.D	DB-624 0.18 (mm)
STD500 460-872085/11 IC		10/15/2022 04:30	1	TT62102.D	DB-624 0.18 (mm)
ICV 460-872085/16		10/15/2022 11:50	1	TT62107.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 11/01/2022 06:04Analysis Batch Number: 875343 End Date: 11/01/2022 15:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/01/2022 06:04	1		DB-624 0.18 (mm)
CCVIS 460-875343/4		11/01/2022 07:20	1	TT62718.D	DB-624 0.18 (mm)
LCS 460-875343/5		11/01/2022 07:40	1	TT62719.D	DB-624 0.18 (mm)
LCSD 460-875343/6		11/01/2022 08:01	1	TT62720.D	DB-624 0.18 (mm)
MB 460-875343/10		11/01/2022 09:24	1	TT62724.D	DB-624 0.18 (mm)
460-268448-4	CVW-MW-4A	11/01/2022 09:44	1	TT62725.D	DB-624 0.18 (mm)
460-268448-3	CVW-MW-3	11/01/2022 10:05	1	TT62726.D	DB-624 0.18 (mm)
460-268448-5	CVW-MW-4B	11/01/2022 10:25	1	TT62727.D	DB-624 0.18 (mm)
460-268448-2	CVW-MW-2	11/01/2022 10:46	5	TT62728.D	DB-624 0.18 (mm)
ZZZZZ		11/01/2022 12:09	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 12:29	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 12:50	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 13:11	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 13:31	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 13:52	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 14:13	1		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 14:33	2		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 14:54	10		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 15:16	2		DB-624 0.18 (mm)
ZZZZZ		11/01/2022 15:58	50		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 872085 Batch Start Date: 10/14/22 23:38 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00058	8260 SP 00159	8260MIX1COMB 00160
BFB 460-872085/1		8260D		5 mL	5 mL				
STD8 460-872085/4 IC		8260D		5 mL	5 mL				
STD1 460-872085/6 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-872085/7 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-872085/8 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-872085/9 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-872085/10 IC		8260D		5 mL	5 mL				
STD500 460-872085/11 IC		8260D		5 mL	5 mL				
ICV 460-872085/16		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145	ACRY/EPIH MIX 00105	BFB 00032
BFB 460-872085/1		8260D							1 uL
STD8 460-872085/4 IC		8260D						20 uL	
STD1 460-872085/6 IC		8260D					4 uL		
STD5 460-872085/7 IC		8260D					4 uL		
STD20 460-872085/8 ICIS		8260D					4 uL		
STD50 460-872085/9 IC		8260D					10 uL		
STD200 460-872085/10 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 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 872085 Batch Start Date: 10/14/22 23:38 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145	ACRY/EPIH MIX 00105	BFB 00032
STD500 460-872085/11 IC		8260D		50 uL			40 uL		
ICV 460-872085/16		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00069	GAS C SP 00484	GAS Hi 00426	GASES Li 00498	MIX 2 Hi 00128	MIX I Hi 00155
BFB 460-872085/1		8260D							
STD8 460-872085/4 IC		8260D					2.5 uL		
STD1 460-872085/6 IC		8260D					10 uL		
STD5 460-872085/7 IC		8260D					10 uL		
STD20 460-872085/8 ICIS		8260D					20 uL		
STD50 460-872085/9 IC		8260D					50 uL		
STD200 460-872085/10 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-872085/11 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-872085/16		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
BFB 460-872085/1		8260D							
STD8 460-872085/4 IC		8260D		5 uL					
STD1 460-872085/6 IC		8260D		5 uL					
STD5 460-872085/7 IC		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 872085 Batch Start Date: 10/14/22 23:38 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
STD20 460-872085/8 ICIS		8260D		5 uL					
STD50 460-872085/9 IC		8260D		5 uL					
STD200 460-872085/10 IC		8260D		5 uL					
STD500 460-872085/11 IC		8260D		5 uL					
ICV 460-872085/16		8260D		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 874641 Batch Start Date: 10/28/22 07:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00147	524freon 00059	8260 SP 00159	8260MIX1COMB 00161
BFB 460-874641/1		8260D		5 mL	5 mL				
STD8 460-874641/2 IC		8260D		5 mL	5 mL				
STD05 460-874641/3 IC		8260D		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-874641/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-874641/5 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD50 460-874641/7 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-874641/9 IC		8260D		5 mL	5 mL				
STD500 460-874641/10 IC		8260D		5 mL	5 mL				
STD20 460-874641/16 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
ICV 460-874641/17		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00050	8FreonsSS 00050	ACROLEIN SP 00143	ACROLEIN W 00145	ACRY/EPIH MIX 00105	BFB 00032
BFB 460-874641/1		8260D							1 uL
STD8 460-874641/2 IC		8260D						20 uL	
STD05 460-874641/3 IC		8260D					2 uL		
STD1 460-874641/4 IC		8260D					4 uL		
STD5 460-874641/5 IC		8260D					4 uL		
STD50 460-874641/7 IC		8260D					10 uL		
STD200 460-874641/9 IC		8260D		20 uL			20 uL		
STD500 460-874641/10 IC		8260D		50 uL			40 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 874641 Batch Start Date: 10/28/22 07:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00050	8FreonsSS 00050	ACROLEIN SP 00143	ACROLEIN W 00145	ACRY/EPIH MIX 00105	BFB 00032
STD20 460-874641/16 ICIS		8260D					4 uL		
ICV 460-874641/17		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00070	GAS C SP 00485	GAS Hi 00427	GASES Li 00499	MIX 2 Hi 00128	MIX I Hi 00155
BFB 460-874641/1		8260D							
STD8 460-874641/2 IC		8260D					2.5 uL		
STD05 460-874641/3 IC		8260D					5 uL		
STD1 460-874641/4 IC		8260D					10 uL		
STD5 460-874641/5 IC		8260D					10 uL		
STD50 460-874641/7 IC		8260D					50 uL		
STD200 460-874641/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-874641/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
STD20 460-874641/16 ICIS		8260D					20 uL		
ICV 460-874641/17		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
BFB 460-874641/1		8260D							
STD8 460-874641/2 IC		8260D		5 uL					
STD05 460-874641/3 IC		8260D		5 uL					
STD1 460-874641/4 IC		8260D		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 874641 Batch Start Date: 10/28/22 07:10 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
STD5 460-874641/5 IC		8260D		5 uL					
STD50 460-874641/7 IC		8260D		5 uL					
STD200 460-874641/9 IC		8260D		5 uL					
STD500 460-874641/10 IC		8260D		5 uL					
STD20 460-874641/16 ICIS		8260D		5 uL					
ICV 460-874641/17		8260D		5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 875140 Batch Start Date: 10/31/22 06:05 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00059	8260MIX1COMB 00161	ACROLEIN W 00145
CCVIS 460-875140/2		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-875140/3		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-875140/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-875140/7		8260D		5 mL	5 mL				
460-268448-A-1	TB-102522	8260D	T	5 mL	5 mL	<2 PH Units			
460-268448-B-6	FB-102522-1	8260D	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00500	VOA6IS/SURR 00061				
CCVIS 460-875140/2		8260D		20 uL	5 uL				
LCS 460-875140/3		8260D		20 uL	5 uL				
LCSD 460-875140/4		8260D		20 uL	5 uL				
MB 460-875140/7		8260D			5 uL				
460-268448-A-1	TB-102522	8260D	T		5 uL				
460-268448-B-6	FB-102522-1	8260D	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268448-1

SDG No.: _____

Batch Number: 875343 Batch Start Date: 11/01/22 06:04 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00059	8260MIX1COMB 00161	ACROLEIN W 00145
CCVIS 460-875343/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-875343/5		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-875343/6		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-875343/10		8260D		5 mL	5 mL				
460-268448-A-4	CVW-MW-4A	8260D	T	5 mL	5 mL	6 PH Units			
460-268448-C-3	CVW-MW-3	8260D	T	5 mL	5 mL	<2 PH Units			
460-268448-C-5	CVW-MW-4B	8260D	T	5 mL	5 mL	<2 PH Units			
460-268448-C-2	CVW-MW-2	8260D	T	5 mL	5 mL	6 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00500	VOA6IS/SURR 00061				
CCVIS 460-875343/4		8260D		20 uL	5 uL				
LCS 460-875343/5		8260D		20 uL	5 uL				
LCSD 460-875343/6		8260D		20 uL	5 uL				
MB 460-875343/10		8260D			5 uL				
460-268448-A-4	CVW-MW-4A	8260D	T		5 uL				
460-268448-C-3	CVW-MW-3	8260D	T		5 uL				
460-268448-C-5	CVW-MW-4B	8260D	T		5 uL				
460-268448-C-2	CVW-MW-2	8260D	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Company Name: ICEL Consultants Inc.		Client Contact	
Address: 1000 New York Ave		Project Manager: Nick Recchia	
City/State/Zip: Huntington Station NY 11746		Tel/Email: nrecchia@icelconsultants.com	
Phone: (631) 760-9300		Analysis Turnaround Time	
Fax: (631) 760-9301		☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below: standard	
Project Name: Concourse Village West		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Site: CUW (North)			
PO # 1704733.7.6			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)
TA-102522	10/25/22	—	G	GW	2		X
CUW-MW-2	10/25/22	0945	G	GW	3		X
CUW-MW-3	10/25/22	1015	G	GW	3		X
CUW-MW-4A	10/25/22	1100	G	GW	3		X
CUW-MW-4B	10/25/22	1045	G	GW	3		X
FB-102522-1	10/25/22	1350	G	GW	3		X

460-268448 Chain of Custody



NYC
222

1
2
3
4
5
6

Sample Specific Notes:

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
CAT B Report Provide excel spreadsheet comparing to NYS AWQ

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C):	Cor'd:	Therm ID No.:
Relinquished by: Wong Hayes Guy Myer	Company: G-EI	Received by: [Signature]	Company: G-EI	Date/Time: 10/25/22
Relinquished by: [Signature]	Company: G-EI	Received by: [Signature]	Company: G-EI	Date/Time: 10/26/22
Relinquished by: [Signature]	Company: G-EI	Received by: [Signature]	Company: G-EI	Date/Time: 10/27/22

Page 766 of 768

Handed 167912 1900 1309 1309

Job Number:

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	15	13
Cooler #2:		1
Cooler #3:		1

	RAW	CORRECTED
Cooler #4:	1	1
Cooler #5:		1
Cooler #6:		1

	RAW	CORRECTED
Cooler #7:		1
Cooler #8:		1
Cooler #9:		1

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials:

Date: 10-26-22

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 460-268448-1

Login Number: 268448

List Source: Eurofins Edison

List Number: 1

Creator: Rivera, Kenneth

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.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

December 22, 2022

SUBJECT: Concourse Village West - South, Data Validation

Dear Mr. Bohuski,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on November 21, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #55519:

SDG #

460-268448-1

Fraction

Volatiles

The data validation was performed under modified Category B guidelines using quality control summaries provided by the laboratory. The analyses were 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

Site: Concourse Village West - North
Laboratory: Eurofins, Edison, NJ
Report No.: 460-268448-1
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	460-268448-1	VOC
CVW-MW-2	460-268448-2	VOC
CVW-MW-3	460-268448-3	VOC
CVW-MW-4A	460-268448-4	VOC
CVW-MW-4B	460-268448-5	VOC
FB-102522-1	460-268448-6	VOC

Associated QC Samples(s):

Field/Trip Blanks: TB-102522, FB-102522-1

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:

Compounds that did not meet criteria are summarized in the following table.

Date	Instrument ID	Compound	ICV %D	Associated Samples		Validation Action
10/28/22	ICV-15	Dichlorodifluoromethane	35.4	TB-102522 FB-102522-1	SS	UJ nondetects

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 dichlorodifluoromethane results were estimated due to second source verification exceedance. 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.

Continuing calibration:

Compounds that did not meet criteria are summarized in the following table.

Date	Instrument ID	Compound	CC %D	Associated Samples		Validation Action
10/31/22	CCV 460-875140	Dichlorodifluoromethane	20.5	TB-102522 FB-102522-1	XX	UJ nondetects
11/01/22	CCV 460-875343	Methyl acetate 1,4-Dioxane	32.2 29.7	CVW-MW-2 CVW-MW-3 CVW-MW-4A CVW-MW-4B	XX XX	UJ nondetects UJ nondetects

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 dichlorodifluoromethane, methyl acetate, and 1,4-dioxane results for the samples listed above 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-102522-1 for VOC analysis.

Surrogate Recoveries

All criteria were met.

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 460-875140	Bromomethane	156 (32-150)	188 (32-150)	TB-102522 FB-102522-1	None

- Within control limits

Validation action was not required for bromomethane 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 #: 55519A1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 460-268448-1

Category B

Laboratory: Eurofins, Edison, NJ

Date: 10/17/22

Page: 1 of 1

Reviewer: FA2nd Reviewer: FA**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	Δ A	
II.	GC/MS Instrument performance check	Δ	
III.	Initial calibration/ICV	Δ SW	% PSD ≤ 20 , 12 ICV ≤ 30
IV.	Continuing calibration	SW	CCV ≤ 20
V.	Laboratory Blanks	Δ	
VI.	Field blanks	ND	TB = 1 FB = 4
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	SW	has ID
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Target analyte quantitation	Δ	Results $< RL > MDL = \text{but}$
XIII.	Target analyte identification	Δ	MI
XIV.	Overall assessment of data	Δ	

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	460-268448-1	Water	10/25/22
2	CVW-MW-2	460-268448-2	Water	10/25/22
3	CVW-MW-3	460-268448-3	Water	10/25/22
4	CVW-MW-4A	460-268448-4	Water	10/25/22
5	CVW-MW-4B	460-268448-5	Water	10/25/22
6	FB-102522-1	460-268448-6	Water	10/25/22
7				
8				
9				
10				

Notes:

1	MB 460-875140				
2	MB 460-875343				

LDC #: 95519 A/a

VALIDATION FINDINGS CHECKLIST

Page: 1 of 2
Reviewer: FTMethod: Volatiles (EPA SW 846 Method 8260) D

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) $\leq 30\%$ ~~15%~~ 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 #: 55519A la

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 #: 55519A1a

VALIDATION FINDINGS WORKSHEET

Initial Calibration Verification

Page: 1 of 1
Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260 *P*)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was an initial calibration verification standard analyzed after each ICAL for each instrument?

Y(N) N/A Were all %D within the validation criteria of ≤ 20 %D?

[illegible]

LDC #: 55519A/a

VALIDATION FINDINGS WORKSHEET

Continuing Calibration

Page: 1 of 1
Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260) 13

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 #: 55519 A/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 (20/100/400)	RRF (20/100/400)	Average RRF (initial)	Average RRF (initial)	%RSD	%RSD
1	ICAL GCMS15	10/28/22	C (1st internal standard)	0.3303	0.3303	0.3189	0.3189	7.1	7.1
			V (2nd internal standard)	1.5937	1.5937	1.5389	1.5389	5.6	5.6
			M (3rd internal standard)	0.2171	0.2171	0.2177	0.2177	7.8	7.8
			HHHH (4th internal standard)	0.9677	0.9677	0.9447	0.9447	12.2	12.2
2			BB (1st internal standard)	0.8593	0.8593	0.8713	0.8713	8.0	8.0
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
3	ICAL GCMS17	11/01/22	C (1st internal standard)	0.4188	0.4188	0.4722	0.4722	8.0	8.0
			V (2nd internal standard)	2.4422	2.4422	2.4239	2.4239	9.0	9.0
			M (3rd internal standard)	0.3493	0.3493	0.3660	0.3660	4.9	4.9
			HHHH (4th internal standard)	1.5117	1.5117	1.3060	1.3060	18.6	18.6
4			BB (1st internal standard)	1.2930	1.2930	1.2312	1.2312	10.9	10.9
			(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 #: 55519A/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:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (A_x)(C_{is}) / (A_{is})(C_x)$$

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	ceV	10/31/22 0617	C (1st internal standard)	0.3189	0.3385	0.3385	6.1	6.1
			V (2nd internal standard)	1.5389	1.785	1.785	16.0	16.0
			M (3rd internal standard)	0.2177	0.2018	0.2018	7.3	7.3
			HHHH (4th internal standard)	0.9447	1.021	1.021	8.0	8.0
2			BB (1st internal standard)	0.8713	0.9619	0.9619	10.4	10.4
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
3	ceV	11/01/22 0720	C (1st internal standard)	0.4722	0.4159	0.4159	11.9	11.9
			V (2nd internal standard)	2.4239	2.201	2.201	9.2	9.2
			M (3rd internal standard)	0.3660	0.3686	0.3686	0.7	0.7
			HHHH (4th internal standard)	1.3060	1.694	1.694	29.7	29.7
4			BB (1st internal standard)	1.2312	1.100	1.100	10.7	10.7
			(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 #: 555/9A/a**VALIDATION FINDINGS WORKSHEET**
Surrogate Results VerificationPage: 1 of 1Reviewer: FT

2nd reviewer: _____

METHOD: GC/MS VOA (EPA SW 846 Method 8260^D)

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: #2

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	500	48.6	97	97	0
1,2-Dichloroethane-d4		41.6	83	83	
Toluene-d8	↓	47.1	94	94	↓
Bromofluorobenzene	↓	54.8	110	110	↓

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 #: 55519A 1a

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 addedRPD = $|LCSC - LCSDC| * 2 / (LCSC + LCSDC)$

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: LCSD 460-875343

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	20	20	20.8	21.6	104	104	108	108	4	4
Trichloroethene			18.8	18.8	94	94	94	94	0	0
Benzene			18.7	18.8	93	93	94	94	1	1
Toluene			19.0	19.3	95	95	96	96	1	1
Chlorobenzene			19.9	20.3	100	100	102	102	2	2

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.

