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Mr. Michael Belveg
New York State Department of Environmental Conservation (NYSDEC)
Region 7 Office
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204

January 12, 2023

Subject: **Stauffer Management Company, LLC – Maestri Site**
NYSDEC Site No. 7-34-025
900 State Fair Boulevard
Town of Geddes, NY

Dear Mr. Belveg:

Arcadis on behalf of Stauffer Management Company, LLC (SMC), is submitting the enclosed Semi-Annual Groundwater Monitoring Report – October 2022 for the Maestri Site.

If you have any questions or concerns, please do not hesitate to contact me at 315-671-9296 or Rebecca.Hensel@arcadis.com.

Sincerely,

Arcadis

Rebecca Hensel
Project Manager

cc: John-Paul Rossi/Stauffer Management Company, LLC
Victor Finocchiaro/Arcadis

Stauffer Management Company

2022 Semi-Annual Groundwater Monitoring Report – October 2022

Maestri Site, Geddes, NY
NYSDEC Site: 7-34-025

January 12, 2023

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Acronyms and Abbreviations

µg/l	microgram per liter
Arcadis	Arcadis U.S., Inc.
NYSDEC	New York State Department of Environmental Conservation
Offsite Locations	Monitoring locations downgradient from the Site and outside of the fenced area
Site	The completely fenced in area located at 904 State Fair Blvd, Onondaga County, Town of Geddes, New York
SMC	Stauffer Management Company
SMP	2011 Site Management Plan
SOW	Scope of Work
Technical Memo	2021 NYSDEC Response Letter
VOC	Volatile organic compound

1 Introduction

This Semi-Annual Groundwater Monitoring Report has been prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Stauffer Management Company (SMC). SMC entered into an Order on Consent with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate contaminated media for the Maestri Site, which is an approximately 4.4-acre area located at 904 State Fair Boulevard Onondaga County, Town of Geddes, New York (Figure 1). The portion of the Site that is still currently monitored is approximately 2.5 acres and completely fenced. The Site area is bordered by an empty lot and State Fair Boulevard to the southwest, residents along Alhan Parkway to the Northeast, and wooded lots to the northwest and southeast. Additionally, there are offsite monitoring locations downgradient from the Site and outside of the fenced areas. The Site and offsite locations are shown in Figure 2.

The purpose of this report is to summarize the semi-annual groundwater monitoring event that was completed in October 2022. This report is in accordance with the 2021 NYSDEC Response Letter (Technical Memo) and in compliance with the 2011 Site Management Plan (SMP) (Envirospec Engineering, PLLC 2010). The Site has been remediated by SMC under Order on Consent Index # A7-0226-90-03 with the New York State Department of Environmental Conservation (NYSDEC).

2 Background and Site Description

Refer to the 2021 Semi-Annual Groundwater Monitoring report for further background and site description. Based on groundwater monitoring results in November 2009, SMC requested NYSDEC approval to change the groundwater sampling frequency from quarterly to semiannual. On November 13, 2009, the NYSDEC granted the request. Subsequently, the SMP was approved in 2011 by the NYSDEC for monitoring activities at the Maestri Site. The 2011 NYSDEC approved SMP was prepared in accordance with the requirements in NYSDEC's DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2002, and the guidelines provided by the NYSDEC. This SMP addresses the means of implementing the Institutional Controls and Engineering Controls that were required by the Declaration of Covenants and Restrictions for the Site.

In October 2020, SMC requested approval from the NYSDEC to reduce the semi-annual sampling requirements of RW-3, RW-5, and RW-8 due to a history of low to non-detections of xylenes. SMC also requested approval from the NYSDEC to remove PZ-4 from the semi-annual monitoring program due to inaccessibility and there being other downgradient wells.

Pursuant to the 2021 Periodic Review Report (PRR) that was approved on April 18, 2022 (Appendix A), groundwater monitoring wells PZ-20, RW-3, RW-5 and RW-8 were removed from the monitoring program. Well PZ-4, as documented in the 2021 PRR, could not be located. Monitoring wells RW-3, RW-5, and RW-8 were decommissioned in accordance with NYSDEC Commissioner Policy 43: Groundwater Monitoring Well Decommissioning Policy. During the October 2022 event, monitoring wells RW-3, RW-5, and RW-8 were decommissioned, and well decommissioning records are provided in Appendix B.

3 Groundwater Monitoring

3.1 Groundwater Elevations

The second 2022 semi-annual groundwater monitoring event was conducted October 28, 2022. Twenty-one monitoring wells were gauged while purging and sampling took place at six monitoring wells. The groundwater elevations are presented in Table 1 and Figure 3 and are consistent with historical results.

3.2 Groundwater Sampling

During the second 2022 semi-annual groundwater monitoring event, six monitoring wells were sampled in accordance with the Technical Memo and the Site SMP.

As per the April 18, 2022 NYSDEC approval letter (Appendix A), all monitoring well locations were purged using low-flow techniques.

Monitoring wells were purged with a two-inch submersible pump and polyethylene tubing. Purged water was containerized in a mobile polyethylene tank. The containerized water is temporarily stored within the fenced Site area and will be later transported to a regulated disposal facility for disposal. Field data, including pH, temperature, conductivity, turbidity, oxidation-reduction potential, dissolved oxygen, and total dissolved solids, were recorded during purging. A summary of the field data and the total volume of groundwater purged can be found in the monitoring well sampling logs that are presented in Appendix C.

Field Quality Assurance/Quality Control samples were collected at a rate of one set for every 20 and consisted of a blind duplicate, and matrix spike/matrix spike duplicate. Additionally, for each day of sampling a trip blank and equipment blank were collected and analyzed. Samples were sent to Eurofins TestAmerica in Edison, New Jersey (NJ), a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program certified laboratory. The groundwater analytical samples were analyzed following typical chain of custody procedures for Xylene analysis using United States Environmental Protection Agency Method 624.1. A summary of total xylene results from this sampling event is presented in Table 2 and the laboratory reports are included as Appendix D.

4 Groundwater Analysis and Results

Arcadis conducted data validation of the laboratory reports to confirm the analytical data is of sufficient quality for usage. The data review reports containing the data validation details are included as Appendix E. The review was conducted as a Tier III evaluation and included review of 100% of the data packages for completeness. The data review found all data quality acceptable for use.

Of the six locations that were sampled, MW-2A, and RW-7 exceeded the site-specific cleanup goal with concentrations reported of 120 µg/L and 14 µg/L for total xylenes, respectively. Results are summarized in Table 2 and appear consistent with historical results. Total xylene concentrations historically indicated seasonal fluctuations across semi-annual monitoring events, specifically in RW-6, MW-2A, RW-7, and MW-9. Trend graphs show historic results of the total xylenes versus groundwater elevations and are shown in Appendix F.

5 Site Inspections

According to the Site Management Plan dated August 2010, Site inspections are to be completed annually. A Site inspection was be completed during the October 2022 event.

6 Conclusions and Next steps

The Site inspection conducted during the October 2022 event showed that the Engineering Controls continue to be effective since the groundwater treatment system shutdown.

The six monitoring locations sampled during the October 2022 event had two exceedances of the site specific cleanup goal for total xylene at MW-2A and RW-6, and in comparison, with Site historic sampling data, there is no migration of total xylene to the offsite downgradient wells.

The NYSDEC will be notified prior to the next sampling event, and Site inspection will be completed in Spring 2023. Recommendations will be provided in the Annual Periodic Review Report.

7 Reference

Envirospec Engineering, PLLC. 2010. *Site Management Plan,* Maestri Site, Onondaga County, New York, NYSDEC Site Number: 7-34-025. Prepared for Stauffer Management Company. August.

Tables

TABLE 1
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
2022 SEMI-ANNUAL MONITORING REPORT - OCTOBER 2022
MAESTRI SITE
GEDDES, NEW YORK

Designation	Top of Casing Elevation (ft msl)	October 28, 2022	
		Depth to Water (ft)	Groundwater Elevation (ft msl)
MW-2A	406.40	17.67	388.73
MW-9	408.87	17.42	391.45
MW-10	413.82	12.90	400.92
MW-14	405.17	17.60	387.57
PZ-2	407.23	12.89	394.34
PZ-3	409.60	17.51	392.09
PZ-5	393.37	7.56	385.81
PZ-6	410.15	17.78	392.37
PZ-7	409.13	17.52	391.61
PZ-9	408.69	16.86	391.83
PZ-10	407.04	15.93	391.11
PZ-12	408.17	15.66	392.51
PZ-13	407.12	15.48	391.64
PZ-14	408.44	12.99	395.45
PZ-15	406.74	18.65	388.09
PZ-18	406.30	18.72	387.58
PZ-19	406.88	18.13	388.75
PZ-20	386.00	8.74	377.26
PZ-21	386.70	2.69	384.01
RW-6	393.64	7.44	386.20
RW-7	405.76	18.41	387.35

Notes:

Groundwater Elevation is determined using the following formula: (Top of Casing Elevation - Depth to Water).

Monitoring well MW-2A was formerly known as RW-2 in 2006.

Top of Casing Elevation and Ground Water Elevation are in units of feet mean sea level (ft msl).

TABLE 2
SUMMARY OF TOTAL XYLENE CONCENTRATIONS IN GROUNDWATER
2022 SEMI-ANNUAL MONITORING REPORT - OCTOBER 2022
MAESTRI SITE
GEDDES, NEW YORK

Sample Name: Date Collected: Lab Sample ID:	Site Specific Cleanup Goals (µg/L)	MW-2A 10/28/2022 460-268503-3	MW-9 10/28/2022 460-268503-4	PZ-21 10/28/2022 460-268503-5	RW-6 10/28/2022 460-268503-1	RW-7 10/28/2022 460-268503-2
Volatile Organic Compounds						
Xylenes, Total	5	**120 [110]**	<2.0	<2.0	4.9	**14**

Notes:

All analytical results are in micrograms per liter (µg/L).

All samples were analyzed by Eurofins TestAmerica in Buffalo, NY. Lab issue caused the samples to be analyzed in Buffalo, NY opposed to Edison, NJ.

Bold value and shading denotes that the concentration exceeded site specific cleanup goals.

Site specific cleanup goals are based on the site remedial action objectives from the 2011 Site Management Plan.

< = Constituent is not detected; the associated value is the reporting limit. Although the reporting limit is above the site specific cleanup goals, the results were analyzed to the method detection limit which is below the site specific cleanup goals.

[ ] = Indicates field duplicate sample result

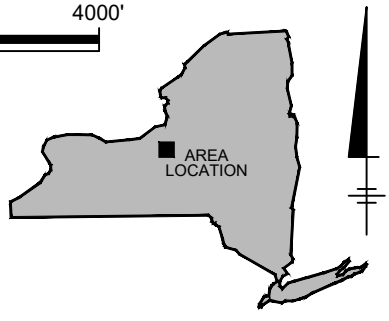
J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

Figures

REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., CAMILLUS AND SYRACUSE WEST, NEW YORK, 2019.

0 2000' 4000'

SCALE



MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK
SEMI-ANNUAL MONITORING REPORT

SITE LOCATION MAP

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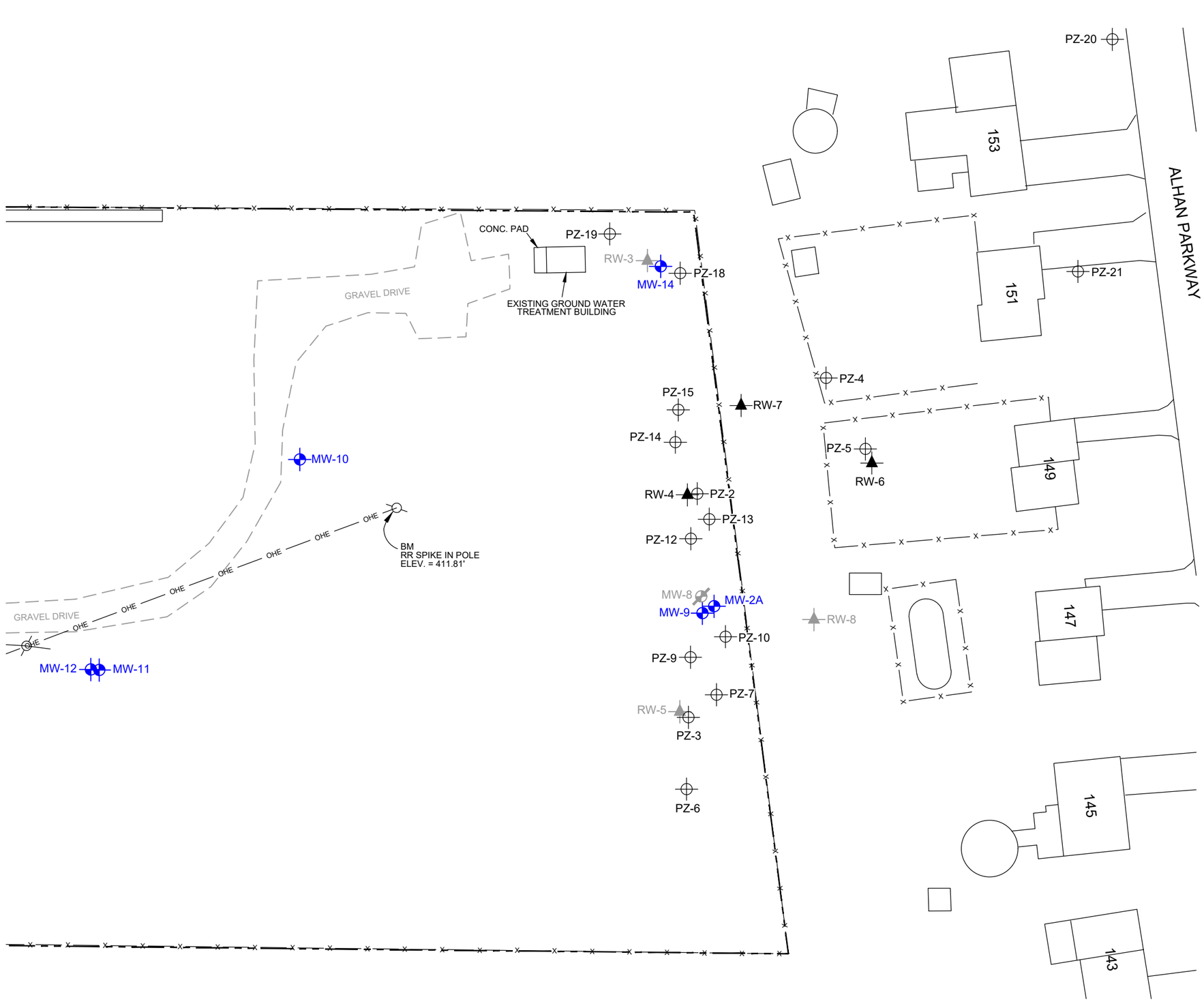
FIGURE
1



LEGEND

- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE
- OVERHEAD ELECTRIC LINE
- MONITORING WELL
- REMOVED MONITORING WELL
- RECOVERY WELL
- REMOVED RECOVERY WELL
- PIEZOMETER

NOTES:

1. BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
2. FEATURES AND LOCATIONS ARE APPROXIMATE.

0 60' 120'

SCALE

MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK
SEMI-ANNUAL MONITORING REPORT

SITE PLAN

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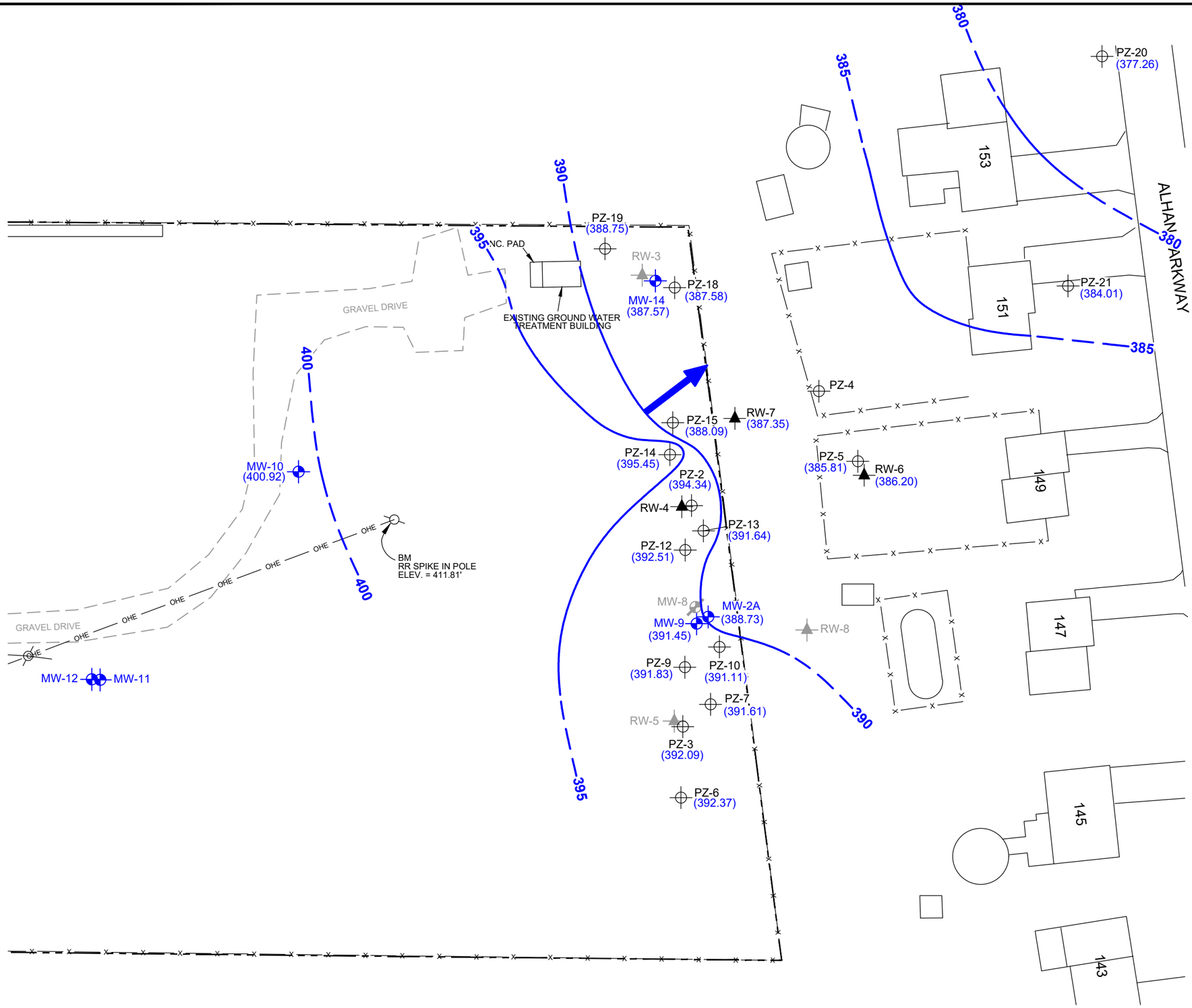
FIGURE 2



LEGEND

- MAESTRI SITE PROPERTY BOUNDARY
- 8' HIGH SECURITY FENCE
- ELECTRIC POLE
- OHE — OVERHEAD ELECTRIC LINE
- MONITORING WELL
- REMOVED MONITORING WELL
- RECOVERY WELL
- REMOVED RECOVERY WELL
- PIEZOMETER
- (400.92) GROUNDWATER ELEVATION (FEET)
- 400 GROUNDWATER ELEVATION CONTOUR (FEET, DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. BASE MAP SUPPLIED BY IT CORPORATION. SURVEY BY CT MALE, 2008.
2. FEATURES AND LOCATIONS ARE APPROXIMATE.
3. MONITORING WELLS WITHOUT GROUNDWATER ELEVATIONS ARE NOT GAUGED.

0 60' 120'

SCALE

MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK
SEMI-ANNUAL MONITORING REPORT

GROUNDWATER ELEVATION CONTOUR MAP OCTOBER 28, 2022

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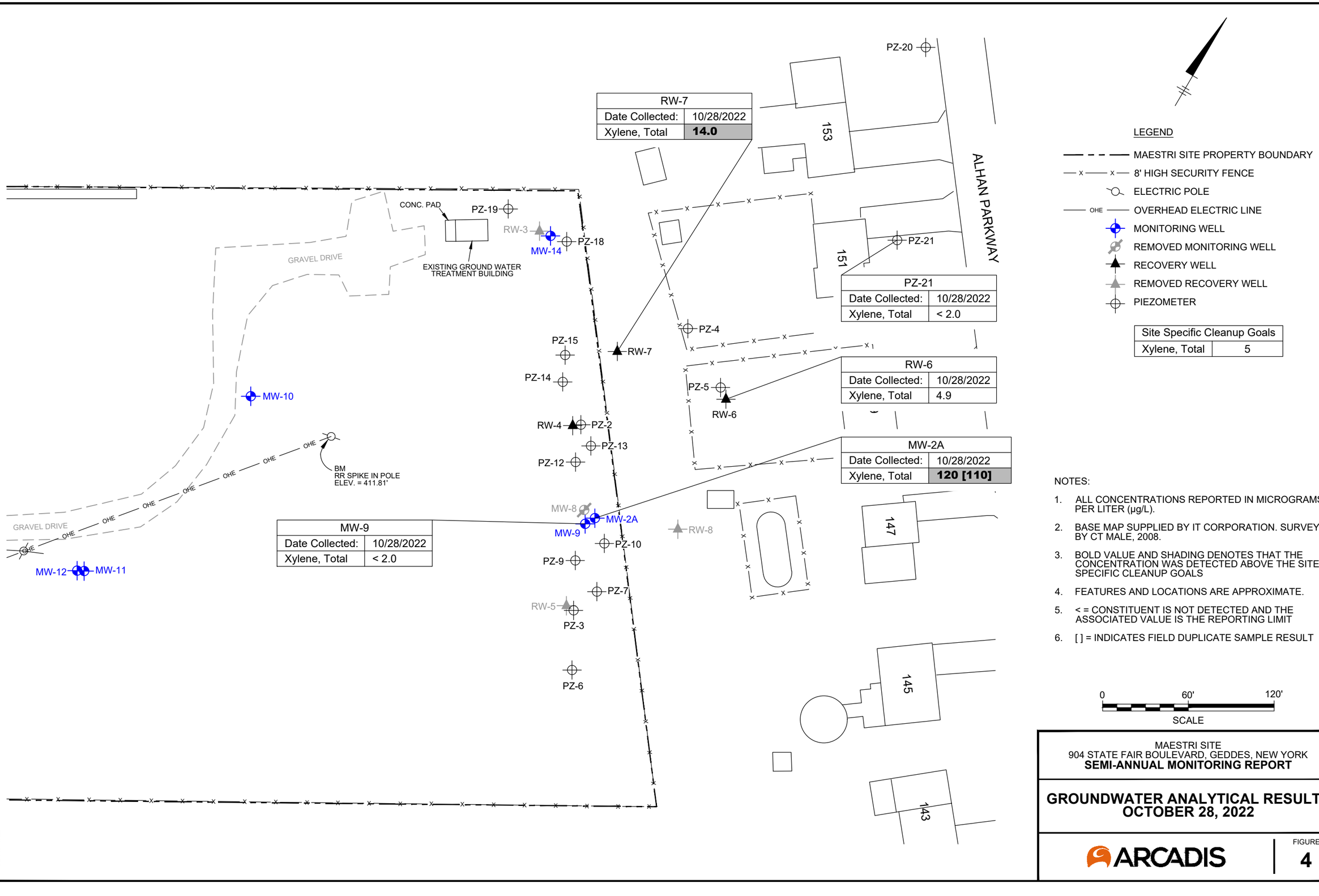
FIGURE 3



MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK
SEMI-ANNUAL MONITORING REPORT

GROUNDWATER ANALYTICAL RESULTS OCTOBER 28, 2022

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FIGURE 4

Appendix A

2022 NYSDEC April 18, 2022 Periodic Review Report Approval Letter

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

April 18, 2022

Stauffer Management Company LLC
John-Paul Rossi
1800 Concord Pike P.O. Box 15437
FOP 3-415
Wilmington, DE 19850-5437

Re: Site Management Periodic Review Report Response Letter

Maestri Site, Site No.: 734025
Solvay, Onondaga County

Dear John-Paul Rossi:

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: January 15, 2021, to January 15, 2022.

The Department hereby accepts the PRR and associated Certification with the following modifications:

1. Section 6 Plans Moving Forward, Second Bullet – Monitoring location MW-2A shall continue to be sampled biannually for another reporting period using the low-flow sampling technique.
2. Section 6 Plans Moving Forward, Third Bullet - Groundwater monitoring shall continue to be sampled biannually in the second and fourth quarters for another reporting period using the low-flow sampling technique.

The frequency of Periodic Reviews for this site is one year; therefore, your next PRR is due on February 14, 2023. You will receive a reminder letter and updated certification form approximately 75 days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 315-426-7446 or e-mail: michael.belveg@dec.ny.gov.

Sincerely,

Michael Belveg

Michael Belveg
Project Manager

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation

625 Broadway, 11th Floor, Albany, NY 12233-7020

P: (518)402-9543 | F: (518)402-9547

www.dec.ny.gov

ec:

Gary Priscott, DEC
James Sullivan, DOH Project Manager
Rebecca Hensel, Arcadis

Appendix B

Well Decommissioning Logs

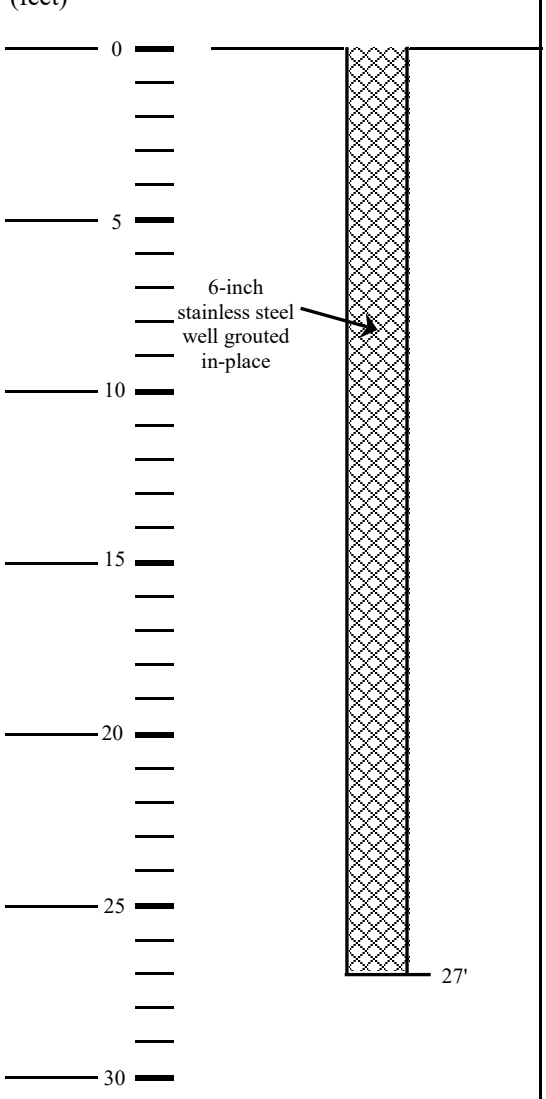
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: **Maestri Site**	Well I.D.: **RW-3**
Site Location: **Geddes, New York**	Driller: **Mark Eaves**
Drilling Co.: **Parratt-Wolff, Inc.**	Inspector:
	Date: **10/28/22**

DECOMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	SS / 6"
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0 - 27'
# of batches prepared	2
For each batch record:	
Quantity of water used (gal.)	32
Quantity of cement used (lbs.)	376
Cement type	Portland I/II
Quantity of bentonite used (lbs.)	16
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	80
Volume of grout used (gal.)	70

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

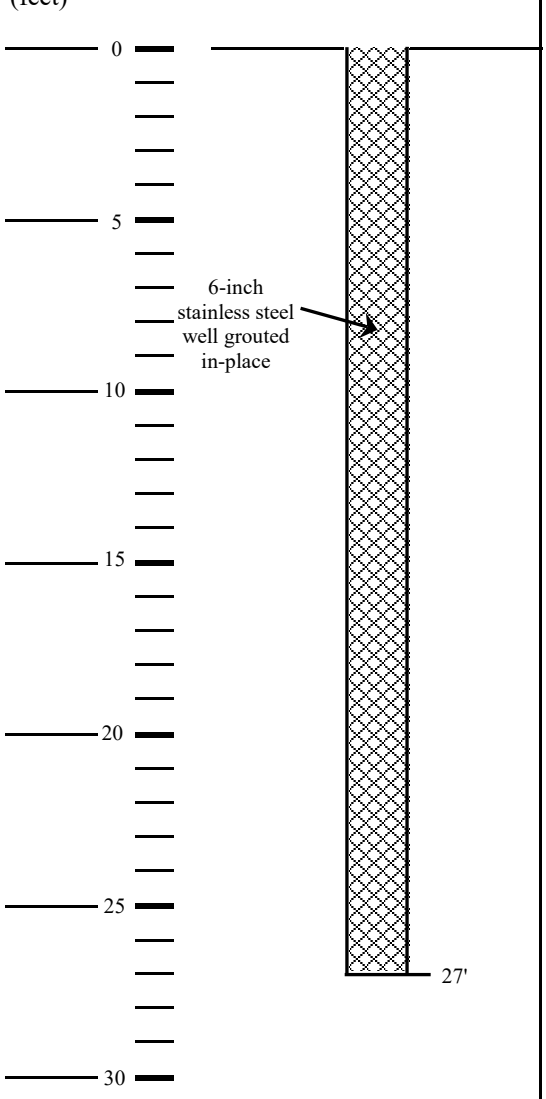
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: **Maestri Site**	Well I.D.: **RW-5**
Site Location: **Geddes, New York**	Driller: **Mark Eaves**
Drilling Co.: **Parratt-Wolff, Inc.**	Inspector:
	Date: **10/28/22**

DECOMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	SS / 6"
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0 - 27'
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	32
Quantity of cement used (lbs.)	376
Cement type	Portland I/II
Quantity of bentonite used (lbs.)	16
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	40

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

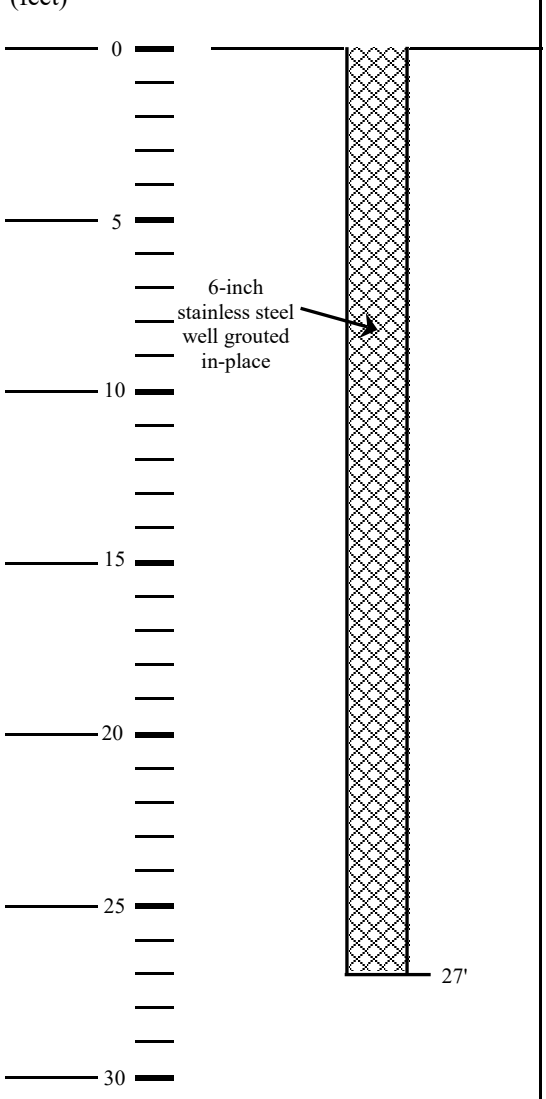
FIGURE 3
WELL DECOMMISSIONING RECORD

Site Name: **Maestri Site**	Well I.D.: **RW-8**
Site Location: **Geddes, New York**	Driller: **Mark Eaves**
Drilling Co.: **Parratt-Wolff, Inc.**	Inspector:
	Date: **10/28/22**

DECOMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	NA
Drilling Method(s)	NA
Borehole Dia. (in.)	NA
Temporary Casing Installed? (y/n)	NA
Depth temporary casing installed	NA
Casing type/dia. (in.)	NA
Method of installing	NA
CASING PULLING	
Method employed	NA
Casing retrieved (feet)	NA
Casing type/dia. (in)	SS / 6"
CASING PERFORATING	
Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA
GROUTING	
Interval grouted (FBLS)	0 - 27'
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	32
Quantity of cement used (lbs.)	376
Cement type	Portland I/II
Quantity of bentonite used (lbs.)	16
Quantity of calcium chloride used (lbs.)	NA
Volume of grout prepared (gal.)	40
Volume of grout used (gal.)	40

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

Appendix C

Sampling Forms

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Maestri Site Semi-Annual Event

Page 1 of 1

Well ID: MW-9

Project Number: 30120984
Task:
Date: 10/28/22
Well Headspace PID: NA
Sampling Time: 1300
Sampled By: MJ/MM
Weather: 50°F Sunny
Coded Replicate No.:
Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC
Casing Diameter: 2 in
Total Depth: 18.7 ft
Depth to Product: NA ft
Depth to Water: 17.40 ft
Water Column: 1.3 ft
Gallons in Well: 0.2 gal

Purge Method: (circle one) (Submersible) Centrifugal Bladder
Screen Interval: From: To:
Pump Intake Setting: 18.00
Total Volume Purged:
Pump on: 1210 Off: 1245

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	gal. removed ~~Comments~~
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1210	0	100	17.4	5.6	6.80	64	1.31	17.78	0.0	~~0.01~~	0.0
1215	5	100	17.4	3.8	6.77	68	1.31	17.86	0.0		0.1
1220	10	100	17.85	8.9	6.77	61	1.31	18.22	0.0		0.2
1225	15	100	17.86	*	6.76	57	1.32	19.24	0.6		0.3
1230	20	100	17.9	41	6.77	59	1.29	19.10	0.0		0.4
1235	25	100		68.8	6.77	67	1.29	19.00	0.0		0.5
1240	30	100		110	6.77	69	1.29	19.01	0.0		0.6
1245	35	100		86.3	6.79	71	1.29	19.05	0.0		0.7
1250	40										
	45										
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	
* Close to Bottom	Cleaned flow Cell.		

Color: Dark brown
Odor: None

Well Condition: Good
Purge Water Disposal: 250 gal. tote

Sample @ 1300 w/ Bailer

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Maestri Site Semi-Annual Event

Page 1 of 1

Well ID: MW-2A

Project Number: 30120984
Task:
Date: 10/28/22
Well Headspace PID: NA
Sampling Time: 1115
Sampled By: MJ/MM
Weather: 40°F, Sunny
Coded Replicate No.: ~~NA~~ BD(102822)
Replicate Type (circle one): (Duplicate) MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: Steel
Casing Diameter: 8" in
Total Depth: 22.90 ft
Depth to Product: NA ft
Depth to Water: 17.73 ft
Water Column: 5.17 ft
Gallons in Well: 13.44 gal

Purge Method: (circle one) (Submersible) Centrifugal Bladder
Screen Interval: From: To:
Pump Intake Setting: ~19
Total Volume Purged: 13.7
Pump on: 1015 Off: 1100

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	gal. removed ~~Comments~~
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1015	0	1400	17.73	17.3	7.29	29	2.16	17.05	0.0		0
1020	5	1400	17.81	14.4	7.35	9	2.16	17.17	0.0		1.9
1025	10	1400	17.82	6.9	7.37	-5	2.16	17.22	0.49		2.8
1030	15	1400	17.82	1.3	7.38	-15	2.15	17.26	0.0		4.7
1035	20	1400	18.00	0.0	7.38	-22	2.15	17.29	0.0		6.6
1040	25	1400	18.09	0.0	7.37	-22	2.14	17.33	0.0		8.5
1045	30	1000	18.11	0.0	7.37	-20	2.15	17.30	0.0		9.8
1050	35	1000	18.14	0.0	7.38	-20	2.16	17.22	0.0		11.1
1055	40	1000	18.24	0.0	7.38	-22	2.15	17.22	0.0		12.4
1100	45	1000	18.21	0.0	7.38	-24	2.15	17.26	0.0		13.7
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	Y→ 1115
↓ +3 for dup			

Color: dark yellow/brown
Odor: None
Well Condition: Good
Purge Water Disposal: 250 gal. tote

Sample @ 1115 w/ Bailer

ARCADIS

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Maestri Site Semi-Annual Event

Well ID: PZ-21

Project Number: 30120984
Task:
Date: 10/28/22
Well Headspace PID: NA
Sampling Time: 15:30
Sampled By: MJ/MM
Weather: 60°F, Sunny
Coded Replicate No.: NA
Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: PVC
Casing Diameter: 2 in
Total Depth: 18.68 ft
Depth to Product: NA ft
Depth to Water: 2.68 ft
Water Column: 16.00 ft
Gallons in Well: 2.56 gal

Purge Method: (circle one) Submersible Centrifugal Bladder
Screen Interval: From: To:
Pump Intake Setting: ~13
Total Volume Purged:
Pump on: Off:

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	gal. removed ~~Comments~~
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1410	0	400	2.88	827	7.37	18	0.893	18.67	1.42		0
1415	5	400	2.90	531	7.36	18	0.894	18.65	1.59		0.5
1420	10	400		168	7.36	16	0.895	18.6	1.69		1.0
1425	15	400		118	7.36	14	0.896	18.57	1.88		1.5
1430	20	400		78.7	7.36	13	0.895	18.54	1.88		2.0
1435	25	400		37.4	7.35	13	0.896	18.57	1.89		2.5
1440	30	400		25.1	7.35	10	0.894	18.47	2.24		3.0
1445	35	400		14.5	7.35	8	0.893	18.43	1.60		3.5
1450	40	400		7.9	7.35	11	0.893	18.52	1.45		4.0
1455	45	400		6.0	7.35	10	0.894	18.43	1.35		4.5
1500	50	400		6.0	7.35	10	0.894	18.34	1.25		5.0
1505	55	400		3.9	7.35	10	0.893	18.27	1.05		5.5
1510	60	400		2.1	7.34	11	0.893	18.31	0.93		6
1515	65	400		1.5	7.34	10	0.893	18.31	0.84		6.5
1520	70	400		1.6	7.34	12	0.83	18.27	0.94		7
1523	73	400		1.8	7.33	10	0.894	18.32	0.71		7.5

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	

Color:
Odor:
Well Condition:
Purge Water Disposal:

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Maestri Site Semi-Annual Event **Well ID:** RW-6

Project Number: 30120984 Task:

Date: 10/28/22 Well Headspace PID: NA

Sampling Time: 13:40 Sampled By: T. Dereth

Weather: Sunny Coded Replicate No.:

Replicate Type (circle one): Duplicate (MS/MSD)

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: Steel

Casing Diameter: 6 in

Total Depth: 19.20 ft

Depth to Product: - ft

Depth to Water: 7.44 ft

Water Column: 11.76 ft

Gallons in Well: 17.27 gal

Purge Method: (circle one) (Submersible) Centrifugal Bladder

Screen Interval: From: To:

Pump Intake Setting: 13.32

Total Volume Purged: ~17.5 gallons

Pump on: 12:40 Off: 13:35

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
12:40	0										
12:45	5	2000	7.82	23.6	7.15	-45	2.99	13.06	0.0		
12:50	10	2000	7.78	13.7	7.27	-68	2.82	13.10	0.0		
12:55	15	2000	7.95	11.4	7.37	-83	2.34	13.10	0.0		
13:00	20	2000	7.99	8.90	7.50	-90	2.08	13.08	0.0		
13:05	25	1500	8.01	7.50	7.50	-95	1.97	13.04	0.0		
13:10	30	1500	8.02	5.80	7.56	-98	1.91	13.04	0.0		
13:15	35	500	8.06	4.30	7.61	-102	1.85	13.02	0.0		
13:20	40	500	8.05	4.50	7.58	-106	1.83	13.02	0.0		
13:25	45	500	8.08	4.50	7.60	-109	1.78	13.02	0.0		
13:30	50	500	8.08	4.50	7.65	-113	1.75	13.01	0.0		
13:35	55	500	8.09	4.50	7.65	-113	1.75	13.01	0.0		
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	

Color: None Well Condition: Good

Odor: None Purge Water Disposal: Tote

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Maestri Site Semi-Annual Event **Well ID:** RW-7

Project Number: 30120984 Task:

Date: 10/28/22 Well Headspace PID: NA

Sampling Time: 12:10 Sampled By: T. Dereth

Weather: Sunny Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: Steel

Casing Diameter: 6 in

Total Depth: 27.16 ft

Depth to Product: - ft

Depth to Water: 18.41 ft

Water Column: 8.75 ft

Gallons in Well: 12.85 gal

Purge Method: (circle one) (Submersible) Centrifugal Bladder

Screen Interval: From: To:

Pump Intake Setting: 22.80 ft

Total Volume Purged: ~13 gallons

Pump on: 1030 Off: 1205

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1030	0										
1035	5	1000	19.31	133	7.37	-141	2.20	11.77	0.0		
1040	10	1000	19.32	47.9	7.36	-147	2.20	11.87	0.0		
1045	15	1000	19.47	55.0	7.35	-151	2.20	12.32	0.0		
1050	20	500	19.63	50.0	7.35	-154	2.20	12.38	0.0		
1055	25	500	19.87	64.9	7.34	-156	2.20	13.21	0.0		
1100	30	500	20.03	69.0	7.32	-157	2.20	13.64	0.0		
1105	35	500	20.12	69.9	7.33	-158	2.20	13.06	0.0		
1110	40	500	20.34	55.4	7.38	-149	2.19	12.43	0.0		
1115	45	500	20.43	70.9	7.38	-156	2.21	12.24	0.0		
1120	50	500	20.68	77.4	7.37	-158	2.21	12.36	0.0		
1125	55	500	20.70	73.4	7.38	-162	2.21	12.38	0.0		
1130	60	500	20.89	59.0	7.42	-119	2.19	12.69	0.0		
1135	65	500	21.03	61.4	7.37	-138	2.19	12.39	0.0		
1140	70	500	21.24	60.3	7.36	-133	2.19	12.40	0.0		

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	

Color: Dark Well Condition: Good

Odor: none Purge Water Disposal: Tote

ARCADIS

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Maestri Site Semi-Annual Event

Well ID: RW-7

Project Number: 30120984 Task:

Date: Well Headspace PID:

Sampling Time: Sampled By:

Weather: Coded Replicate No.:

Replicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #:	PID	Water Quality Meter(s)

Purging Information

Casing Material: Purge Method: (circle one) Submersible Centrifugal Bladder

Casing Diameter: in Screen Interval: From: To:

Total Depth: ft Pump Intake Setting:

Depth to Product: ft

Depth to Water: ft Total Volume Purged:

Water Column: ft Pump on: Off:

Gallons in Well: gal

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	Comments
	Stabilization Range		<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%		
1145	0	500	21.26	61.2	7.36	-132	2.19	12.39	0.0		
1150	5	500	22.68	63.1	7.36	-130	2.19	12.34	0.0		
1155	10	500	23.46	62.7	7.36	-130	2.19	12.34	0.0		
1200	15	500	23.51	62.1	7.36	-132	2.19	12.36	0.0		
1205	20	500	23.60	63.3	7.36	-131	2.19	12.36	0.0		
	25										
	30										
	35										
	40										
	45										
	50										
	55										
	60										
	65										
	70										

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
3 - 40 mL Glass Vial	VOCs - Xylenes	HCL	

Color: Well Condition:

Odor: Purge Water Disposal:

Appendix D

Laboratory Reports (CD)

eurofins | Environment Testing

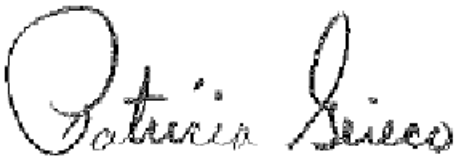
ANALYTICAL REPORT

Job Number: 460-268503-1

Job Description: Maestri - Geddes, NY

For:
ARCADIS U.S. Inc
655 3rd Avenue
New York, NY 10017

Attention: Ms. Rebecca Hensel



Approved for release.
Patricia Grieco
Senior Project Manager
11/8/2022 3:12 PM

Designee for
Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
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Grace.Chang@et.eurofinsus.com
11/08/2022

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CASE NARRATIVE

Client: ARCADIS U.S. Inc

Project: Maestri - Geddes, NY

Report Number: 460-268503-1

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 10/29/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.5 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 BY GC/MS

Samples RW-6 (460-268503-1), RW-7 (460-268503-2), MW-2A (460-268503-3), MW-9 (460-268503-4), PZ-21 (460-268503-5), BD_(10282022) (460-268503-6), FB_(20221028) (460-268503-7) and TB_(20221028) (460-268503-8) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA Method 624.1. The samples were analyzed on 11/03/2022.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: ARCADIS U.S. Inc
Job ID: 460-268503-1
Project/Site: Maestri - Geddes, NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-268503-1	RW-6	Water	10/28/22 13:40	10/29/22 12:20
460-268503-2	RW-7	Water	10/28/22 12:10	10/29/22 12:20
460-268503-3	MW-2A	Water	10/28/22 11:15	10/29/22 12:20
460-268503-4	MW-9	Water	10/28/22 13:00	10/29/22 12:20
460-268503-5	PZ-21	Water	10/28/22 15:30	10/29/22 12:20
460-268503-6	BD_(10282022)	Water	10/28/22 00:00	10/29/22 12:20
460-268503-7	FB_(20221028)	Water	10/28/22 00:00	10/29/22 12:20
460-268503-8	TB_(20221028)	Water	10/28/22 00:00	10/29/22 12:20

Detection Summary

Client: ARCADIS U.S. Inc
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

Client Sample ID: RW-6 — Lab Sample ID: 460-268503-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	4.9		2.0	0.65	ug/L	1		624.1	Total/NA

Client Sample ID: RW-7 — Lab Sample ID: 460-268503-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	14		2.0	0.65	ug/L	1		624.1	Total/NA

Client Sample ID: MW-2A — Lab Sample ID: 460-268503-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	120		2.0	0.65	ug/L	1		624.1	Total/NA

Client Sample ID: MW-9 — Lab Sample ID: 460-268503-4

No Detections.

Client Sample ID: PZ-21 — Lab Sample ID: 460-268503-5

No Detections.

Client Sample ID: BD_(10282022) — Lab Sample ID: 460-268503-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	110		2.0	0.65	ug/L	1		624.1	Total/NA

Client Sample ID: FB_(20221028) — Lab Sample ID: 460-268503-7

No Detections.

Client Sample ID: TB_(20221028) — Lab Sample ID: 460-268503-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: ARCADIS U.S. Inc
Job ID: 460-268503-1
Project/Site: Maestri - Geddes, NY

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	EET EDI

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

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

Client Sample ID: RW-6
Lab Sample ID: 460-268503-1
Date Collected: 10/28/22 13:40
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	4.9		2.0	0.65	ug/L			11/03/22 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*60 - 140*		*11/03/22 11:50*	*1*
Dibromofluoromethane (Surr)	*131*		*60 - 140*		*11/03/22 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 140*		*11/03/22 11:50*	*1*
Toluene-d8 (Surr)	*86*		*60 - 140*		*11/03/22 11:50*	*1*

Client Sample ID: RW-7
Lab Sample ID: 460-268503-2
Date Collected: 10/28/22 12:10
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	14		2.0	0.65	ug/L			11/03/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*60 - 140*		*11/03/22 17:40*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*11/03/22 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 140*		*11/03/22 17:40*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*11/03/22 17:40*	*1*

Client Sample ID: MW-2A
Lab Sample ID: 460-268503-3
Date Collected: 10/28/22 11:15
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	120		2.0	0.65	ug/L			11/03/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*60 - 140*		*11/03/22 18:05*	*1*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*11/03/22 18:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*		*11/03/22 18:05*	*1*
Toluene-d8 (Surr)	*98*		*60 - 140*		*11/03/22 18:05*	*1*

Client Sample ID: MW-9
Lab Sample ID: 460-268503-4
Date Collected: 10/28/22 13:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*60 - 140*		*11/03/22 16:50*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*		*11/03/22 16:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 140*		*11/03/22 16:50*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*11/03/22 16:50*	*1*

Client Sample ID: PZ-21
Lab Sample ID: 460-268503-5
Date Collected: 10/28/22 15:30
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*60 - 140*		*11/03/22 17:15*	*1*
Dibromofluoromethane (Surr)	*114*		*60 - 140*		*11/03/22 17:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*		*11/03/22 17:15*	*1*
Toluene-d8 (Surr)	*96*		*60 - 140*		*11/03/22 17:15*	*1*

Client Sample ID: BD_(10282022)
Lab Sample ID: 460-268503-6
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**110**		2.0	0.65	ug/L			11/03/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*60 - 140*		*11/03/22 18:30*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*11/03/22 18:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*60 - 140*		*11/03/22 18:30*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*11/03/22 18:30*	*1*

Client Sample ID: FB_(20221028)
Lab Sample ID: 460-268503-7
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*60 - 140*		*11/03/22 15:10*	*1*
Dibromofluoromethane (Surr)	*125*		*60 - 140*		*11/03/22 15:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 140*		*11/03/22 15:10*	*1*
Toluene-d8 (Surr)	*88*		*60 - 140*		*11/03/22 15:10*	*1*

Client Sample ID: TB_(20221028)
Lab Sample ID: 460-268503-8
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*60 - 140*		*11/03/22 15:35*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*		*11/03/22 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 140*		*11/03/22 15:35*	*1*
Toluene-d8 (Surr)	*92*		*60 - 140*		*11/03/22 15:35*	*1*

Surrogate Summary

Client: ARCADIS U.S. Inc
Job ID: 460-268503-1
Project/Site: Maestri - Geddes, NY

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(60-140)	(60-140)	(60-140)	(60-140)
460-268503-1	RW-6	116	131	95	86
460-268503-1 MS	RW-6	119	116	88	99
460-268503-1 MSD	RW-6	119	113	86	98
460-268503-2	RW-7	113	117	87	94
460-268503-3	MW-2A	112	118	86	98
460-268503-4	MW-9	103	123	90	90
460-268503-5	PZ-21	103	114	86	96
460-268503-6	BD_(10282022)	115	117	85	90
460-268503-7	FB_(20221028)	111	125	89	88
460-268503-8	TB_(20221028)	107	123	89	92
LCS 460-875754/5	Lab Control Sample	116	114	86	97
MB 460-875754/8	Method Blank	110	117	86	90

Surrogate Legend

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

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-875754/8
Matrix: Water
Analysis Batch: 875754

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*60 - 140*		*11/03/22 10:53*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*11/03/22 10:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*		*11/03/22 10:53*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*11/03/22 10:53*	*1*

Lab Sample ID: LCS 460-875754/5
Matrix: Water
Analysis Batch: 875754

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene			20.0	17.2		ug/L		86	60 - 140		
o-Xylene			20.0	16.7		ug/L		84	60 - 140		
Xylenes, Total			40.0	33.9		ug/L		85	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*116*		*60 - 140*
Dibromofluoromethane (Surr)	*114*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*
Toluene-d8 (Surr)	*97*		*60 - 140*

Lab Sample ID: 460-268503-1 MS
Matrix: Water
Analysis Batch: 875754

Client Sample ID: RW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene	4.7		20.0	23.7		ug/L		95	60 - 140		
o-Xylene	1.0	U	20.0	17.2		ug/L		86	60 - 140		
Xylenes, Total	4.9		40.0	41.0		ug/L		90	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*119*		*60 - 140*
Dibromofluoromethane (Surr)	*116*		*60 - 140*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 140*
Toluene-d8 (Surr)	*99*		*60 - 140*

Lab Sample ID: 460-268503-1 MSD
Matrix: Water
Analysis Batch: 875754

Client Sample ID: RW-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	4.7		20.0	24.1		ug/L		97	60 - 140	1	50
o-Xylene	1.0	U	20.0	17.5		ug/L		88	60 - 140	2	50
Xylenes, Total	4.9		40.0	41.6		ug/L		92	60 - 140	2	50

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-268503-1 MSD
Matrix: Water
Analysis Batch: 875754

Client Sample ID: RW-6
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	119		60 - 140
Dibromofluoromethane (Surr)	113		60 - 140
1,2-Dichloroethane-d4 (Surr)	86		60 - 140
Toluene-d8 (Surr)	98		60 - 140

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

Glossary

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

QC Association Summary

Client: ARCADIS U.S. Inc
Job ID: 460-268503-1
Project/Site: Maestri - Geddes, NY

GC/MS VOA

Analysis Batch: 875754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-268503-1	RW-6	Total/NA	Water	624.1	
460-268503-2	RW-7	Total/NA	Water	624.1	
460-268503-3	MW-2A	Total/NA	Water	624.1	
460-268503-4	MW-9	Total/NA	Water	624.1	
460-268503-5	PZ-21	Total/NA	Water	624.1	
460-268503-6	BD_(10282022)	Total/NA	Water	624.1	
460-268503-7	FB_(20221028)	Total/NA	Water	624.1	
460-268503-8	TB_(20221028)	Total/NA	Water	624.1	
MB 460-875754/8	Method Blank	Total/NA	Water	624.1	
LCS 460-875754/5	Lab Control Sample	Total/NA	Water	624.1	
460-268503-1 MS	RW-6	Total/NA	Water	624.1	
460-268503-1 MSD	RW-6	Total/NA	Water	624.1	

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

Client Sample ID: RW-6
Lab Sample ID: 460-268503-1
Date Collected: 10/28/22 13:40
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 11:50

Client Sample ID: RW-7
Lab Sample ID: 460-268503-2
Date Collected: 10/28/22 12:10
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 17:40

Client Sample ID: MW-2A
Lab Sample ID: 460-268503-3
Date Collected: 10/28/22 11:15
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 18:05

Client Sample ID: MW-9
Lab Sample ID: 460-268503-4
Date Collected: 10/28/22 13:00
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 16:50

Client Sample ID: PZ-21
Lab Sample ID: 460-268503-5
Date Collected: 10/28/22 15:30
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 17:15

Client Sample ID: BD_(10282022)
Lab Sample ID: 460-268503-6
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 18:30

Client Sample ID: FB_(20221028)
Lab Sample ID: 460-268503-7
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 15:10

Lab Chronicle

Client: ARCADIS U.S. Inc
Project/Site: Maestri - Geddes, NY

Job ID: 460-268503-1

Client Sample ID: TB_(20221028)

Date Collected: 10/28/22 00:00
Date Received: 10/29/22 12:20

Lab Sample ID: 460-268503-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	624.1		1	875754	CJM	EET EDI	11/03/22 15:35

Laboratory References:

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

Accreditation/Certification Summary

Client: ARCADIS U.S. Inc
Job ID: 460-268503-1
Project/Site: Maestri - Geddes, NY

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

624.1_PREC

Volatile Organic Compounds (GC/MS)

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
RW-6	460-268503-1	131	95	86	116
RW-7	460-268503-2	117	87	94	113
MW-2A	460-268503-3	118	86	98	112
MW-9	460-268503-4	123	90	90	103
PZ-21	460-268503-5	114	86	96	103
BD_(10282022)	460-268503-6	117	85	90	115
FB_(20221028)	460-268503-7	125	89	88	111
TB_(20221028)	460-268503-8	123	89	92	107
	MB 460-875754/8	117	86	90	110
	LCS 460-875754/5	114	86	97	116
RW-6 MS	460-268503-1 MS	116	88	99	119
RW-6 MSD	460-268503-1 MSD	113	86	98	119

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	60-140
DCA = 1,2-Dichloroethane-d4 (Surr)	60-140
TOL = Toluene-d8 (Surr)	60-140
BFB = 4-Bromofluorobenzene	60-140

Column to be used to flag recovery values

FORM II 624.1

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J82194.D

Lab ID: LCS 460-875754/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	17.2	86	60-140	
o-Xylene	20.0	16.7	84	60-140	
Xylenes, Total	40.0	33.9	85	60-140	

Column to be used to flag recovery and RPD values

FORM III 624.1

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J82200.D

Lab ID: 460-268503-1 MS Client ID: RW-6 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	4.7	23.7	95	60-140	
o-Xylene	20.0	1.0 U	17.2	86	60-140	
Xylenes, Total	40.0	4.9	41.0	90	60-140	

Column to be used to flag recovery and RPD values

FORM III 624.1

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J82201.D

Lab ID: 460-268503-1 MSD Client ID: RW-6 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	24.1	97	1	50	60-140	
o-Xylene	20.0	17.5	88	2	50	60-140	
Xylenes, Total	40.0	41.6	92	2	50	60-140	

Column to be used to flag recovery and RPD values

FORM III 624.1

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab File ID: J82197.D Lab Sample ID: MB 460-875754/8

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

Instrument ID: CVOAMS8 Date Analyzed: 11/03/2022 10:53

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-875754/5	J82194.D	11/03/2022 09:28
RW-6	460-268503-1	J82199.D	11/03/2022 11:50
RW-6 MS	460-268503-1 MS	J82200.D	11/03/2022 12:15
RW-6 MSD	460-268503-1 MSD	J82201.D	11/03/2022 12:40
FB_(20221028)	460-268503-7	J82207.D	11/03/2022 15:10
TB_(20221028)	460-268503-8	J82208.D	11/03/2022 15:35
MW-9	460-268503-4	J82211.D	11/03/2022 16:50
PZ-21	460-268503-5	J82212.D	11/03/2022 17:15
RW-7	460-268503-2	J82213.D	11/03/2022 17:40
MW-2A	460-268503-3	J82214.D	11/03/2022 18:05
BD_(10282022)	460-268503-6	J82215.D	11/03/2022 18:30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab File ID: J81260.D BFB Injection Date: 10/12/2022

Instrument ID: CVOAMS8 BFB Injection Time: 22:40

Analysis Batch No.: 871602

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	22.8	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.3	(0.5) 1
174	Greater than 50% of mass 95	71.8	
175	5.0 - 9.0 % of mass 174	5.6	(7.9) 1
176	95.0 - 101.0 % of mass 174	71.0	(98.8) 1
177	5.0 - 9.0 % of mass 176	4.5	(6.4) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-871602/3	J81262.D	10/12/2022	23:30
	STD1 460-871602/4	J81263.D	10/12/2022	23:56
	STD5 460-871602/5	J81264.D	10/13/2022	0:21
	STD20 460-871602/6	J81265.D	10/13/2022	0:46
	STD50 460-871602/7	J81266.D	10/13/2022	1:11
	STD200 460-871602/8	J81267.D	10/13/2022	1:36
	STD500 460-871602/9	J81268.D	10/13/2022	2:01
	ICV 460-871602/16	J81275.D	10/13/2022	4:56

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab File ID: J82190.D BFB Injection Date: 11/03/2022

Instrument ID: CVOAMS8 BFB Injection Time: 07:37

Analysis Batch No.: 875754

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.5	(0.6) 1
174	Greater than 50% of mass 95	94.1	
175	5.0 - 9.0 % of mass 174	6.2	(6.6) 1
176	95.0 - 101.0 % of mass 174	91.1	(96.8) 1
177	5.0 - 9.0 % of mass 176	5.3	(5.8) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-875754/3	J82192.D	11/03/2022	8:29
	LCS 460-875754/5	J82194.D	11/03/2022	9:28
	MB 460-875754/8	J82197.D	11/03/2022	10:53
RW-6	460-268503-1	J82199.D	11/03/2022	11:50
RW-6 MS	460-268503-1 MS	J82200.D	11/03/2022	12:15
RW-6 MSD	460-268503-1 MSD	J82201.D	11/03/2022	12:40
FB_(20221028)	460-268503-7	J82207.D	11/03/2022	15:10
TB_(20221028)	460-268503-8	J82208.D	11/03/2022	15:35
MW-9	460-268503-4	J82211.D	11/03/2022	16:50
PZ-21	460-268503-5	J82212.D	11/03/2022	17:15
RW-7	460-268503-2	J82213.D	11/03/2022	17:40
MW-2A	460-268503-3	J82214.D	11/03/2022	18:05
BD_(10282022)	460-268503-6	J82215.D	11/03/2022	18:30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Sample No.: STD20 460-871602/6 Date Analyzed: 10/13/2022 00:46

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J81265.D Heated Purge: (Y/N) N

Calibration ID: 91516

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		181731	2.41	285282	3.32	460431	4.35
UPPER LIMIT		363462	2.91	570564	3.82	920862	4.85
LOWER LIMIT		90866	1.91	142641	2.82	230216	3.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-871602/16		183376	2.41	290133	3.33	453232	4.35

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 624.1

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Sample No.: STD20 460-871602/6 Date Analyzed: 10/13/2022 00:46

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J81265.D Heated Purge: (Y/N) N

Calibration ID: 91516

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23858	5.06	344187	8.01	189292	10.39
UPPER LIMIT		47716	5.56	688374	8.51	378584	10.89
LOWER LIMIT		11929	4.56	172094	7.51	94646	9.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-871602/16		22507	5.06	324862	8.02	180160	10.39

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 624.1

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Sample No.: CCVIS 460-875754/3 Date Analyzed: 11/03/2022 08:29

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J82192.D Heated Purge: (Y/N) N

Calibration ID: 91516

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		150637	2.40	186523	3.32	469380	4.33
UPPER LIMIT		301274	2.90	373046	3.82	938760	4.83
LOWER LIMIT		75319	1.90	93262	2.82	234690	3.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-875754/5		136061	2.40	176579	3.31	479687	4.33
MB 460-875754/8		121739	2.40	152854	3.31	446264	4.33
460-268503-1	RW-6	106769	2.40	125442	3.31	380559	4.33
460-268503-1 MS	RW-6 MS	127026	2.40	160860	3.31	446417	4.33
460-268503-1 MSD	RW-6 MSD	140710	2.40	175894	3.31	479127	4.33
460-268503-7	FB_(20221028)	110848	2.40	138622	3.32	423506	4.33
460-268503-8	TB_(20221028)	121334	2.40	149976	3.31	432274	4.33
460-268503-4	MW-9	127412	2.40	154598	3.31	424798	4.33
460-268503-5	PZ-21	134188	2.40	162140	3.31	473261	4.33
460-268503-2	RW-7	126003	2.40	159187	3.31	453744	4.33
460-268503-3	MW-2A	126783	2.40	161335	3.31	452727	4.33
460-268503-6	BD_(10282022)	126387	2.40	151585	3.31	452698	4.33

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 624.1

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

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Sample No.: CCVIS 460-875754/3 Date Analyzed: 11/03/2022 08:29

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J82192.D Heated Purge: (Y/N) N

Calibration ID: 91516

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31040	5.04	459118	7.99	298524	10.37
UPPER LIMIT		62080	5.54	918236	8.49	597048	10.87
LOWER LIMIT		15520	4.54	229559	7.49	149262	9.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-875754/5		30790	5.04	454658	7.99	292839	10.37
MB 460-875754/8		25536	5.04	413500	7.99	246116	10.37
460-268503-1	RW-6	23094	5.04	386619	8.00	245829	10.37
460-268503-1 MS	RW-6 MS	27974	5.04	438814	7.99	291589	10.37
460-268503-1 MSD	RW-6 MSD	30815	5.04	454847	8.00	300191	10.37
460-268503-7	FB_(20221028)	21571	5.04	384810	8.00	239032	10.37
460-268503-8	TB_(20221028)	23920	5.04	393270	8.00	233246	10.38
460-268503-4	MW-9	21829	5.04	404720	8.00	238236	10.38
460-268503-5	PZ-21	23194	5.04	398108	8.00	236740	10.37
460-268503-2	RW-7	21245	5.04	395793	8.00	248485	10.37
460-268503-3	MW-2A	21454	5.04	400901	8.00	243247	10.38
460-268503-6	BD_(10282022)	24008	5.04	391611	7.99	247354	10.37

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 624.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: RW-6 | Lab Sample ID: 460-268503-1

Matrix: Water | Lab File ID: J82199.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 11:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	4.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	116		60-140
1868-53-7	Dibromofluoromethane (Surr)	131		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		60-140
2037-26-5	Toluene-d8 (Surr)	86		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D
Lims ID: 460-268503-B-1
Client ID: RW-6
Sample Type: Client
Inject. Date: 03-Nov-2022 11:50:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1
Misc. Info.: 460-0152676-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 07-Nov-2022 08:35:46 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:13:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.399	2.402	-0.003	75	106769	1000.0	
* 43 2-Butanone-d5	46	3.312	3.315	-0.003	88	125442	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.738	3.740	-0.002	96	108688	65.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.072	4.069	0.003	0	108223	47.6	
* 66 Fluorobenzene	96	4.328	4.331	-0.003	98	380559	50.0	
* 72 1,4-Dioxane-d8	96	5.039	5.036	0.003	0	23094	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.043	6.040	0.003	99	355799	43.0	
* 94 Chlorobenzene-d5	117	7.996	7.993	0.003	85	386619	50.0	
98 m-Xylene & p-Xylene	106	8.294	8.291	0.003	0	20864	4.71	
99 o-Xylene	106	8.732	8.741	-0.009	93	865	0.1942	7M
$ 105 4-Bromofluorobenzene	174	9.322	9.319	0.003	97	159263	58.0	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.371	-0.002	95	245829	50.0	
S 137 Xylenes, Total	100				0		4.90	
S 138 Total BTEX	1				0		4.90	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
Review Flags
M - Manually Integrated

Reagents:

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

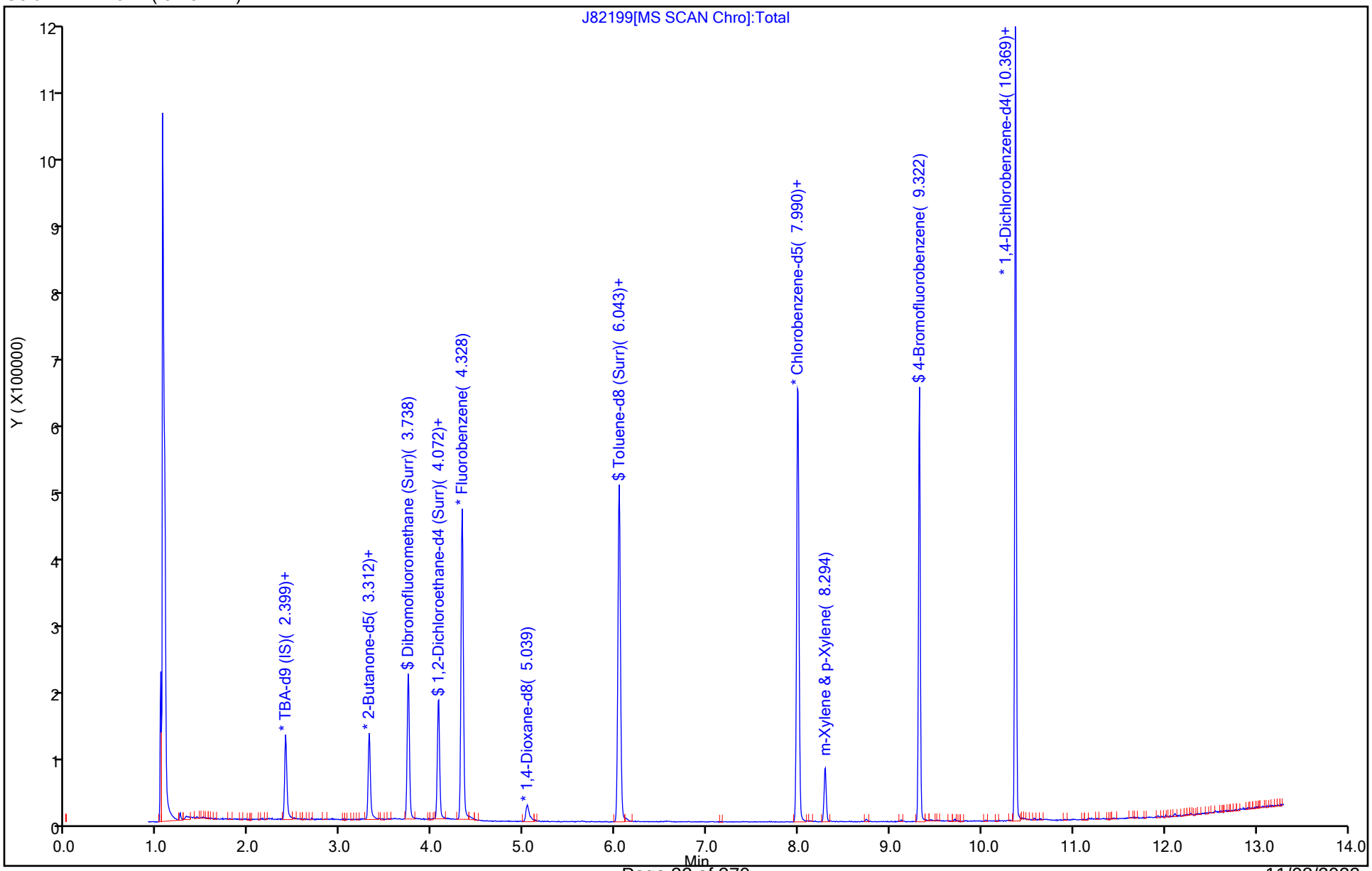
Report Date: 07-Nov-2022 08:35:46 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D

Injection Date:	03-Nov-2022 11:50:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-1	Lab Sample ID:	460-268503-1	Worklist Smp#:	10
Client ID:	RW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D
Lims ID: 460-268503-B-1
Client ID: RW-6
Sample Type: Client
Inject. Date: 03-Nov-2022 11:50:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1
Misc. Info.: 460-0152676-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 07-Nov-2022 08:35:46 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:13:39

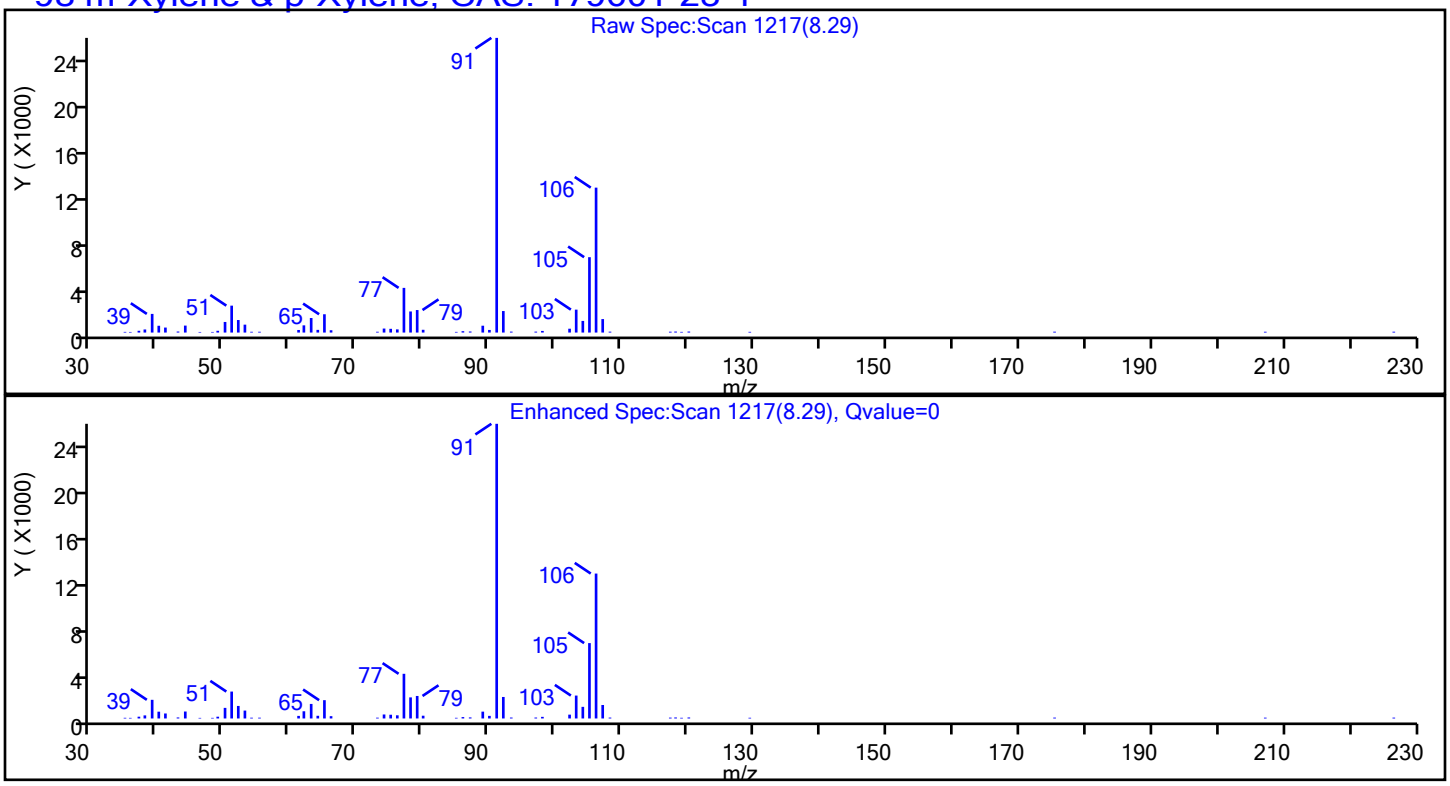
Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	65.7	131.37
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	47.6	95.12
$ 83 Toluene-d8 (Surr)	50.0	43.0	86.04
$ 105 4-Bromofluorobenzene	50.0	58.0	116.05

Report Date: 07-Nov-2022 08:35:47 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D				
Injection Date:	03-Nov-2022 11:50:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-1	Lab Sample ID:	460-268503-1		
Client ID:	RW-6				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

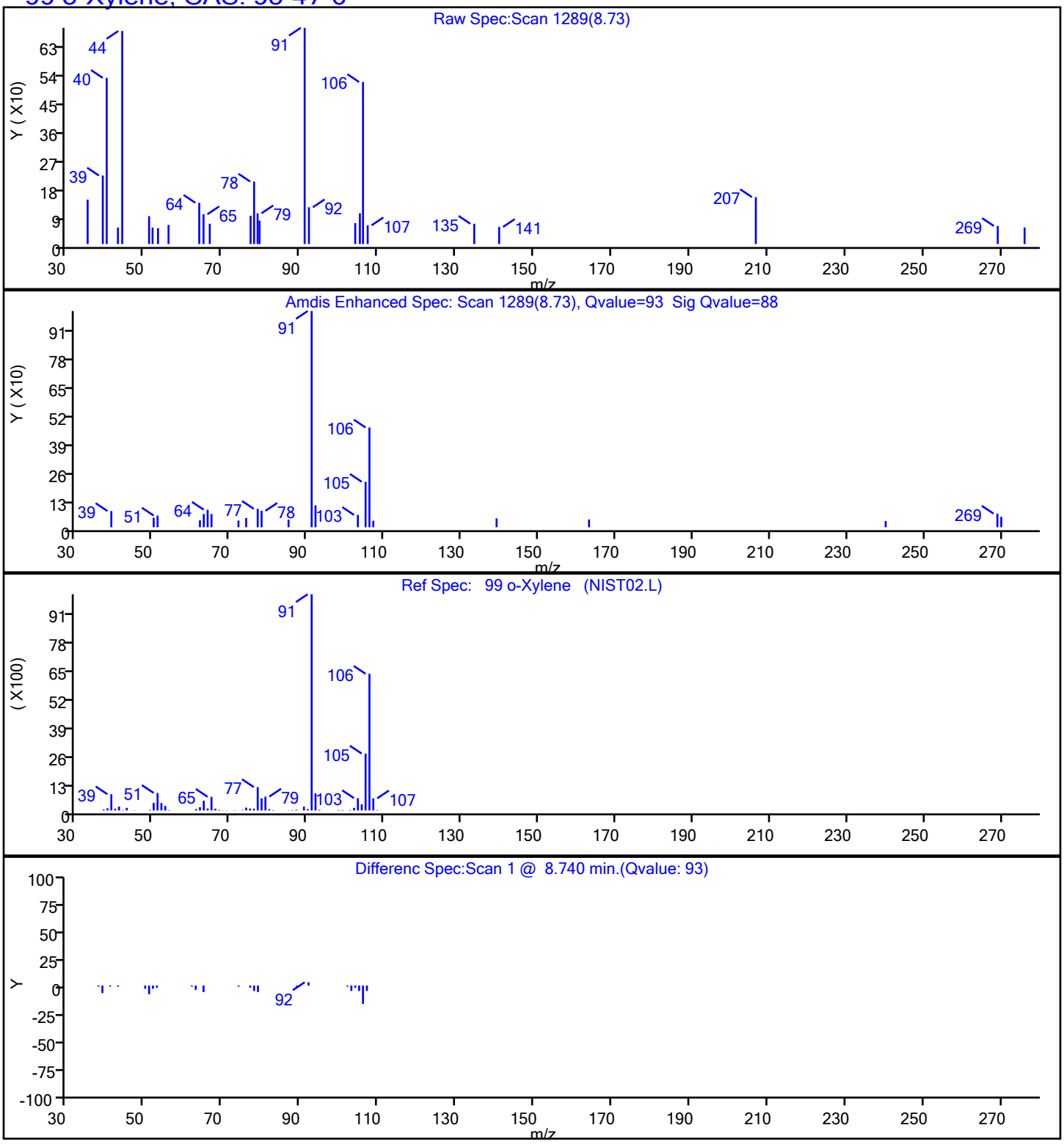
98 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D				
Injection Date:	03-Nov-2022 11:50:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-1	Lab Sample ID:	460-268503-1		
Client ID:	RW-6				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



Manual Integration/User Assign Peak Report

Eurofins Edison

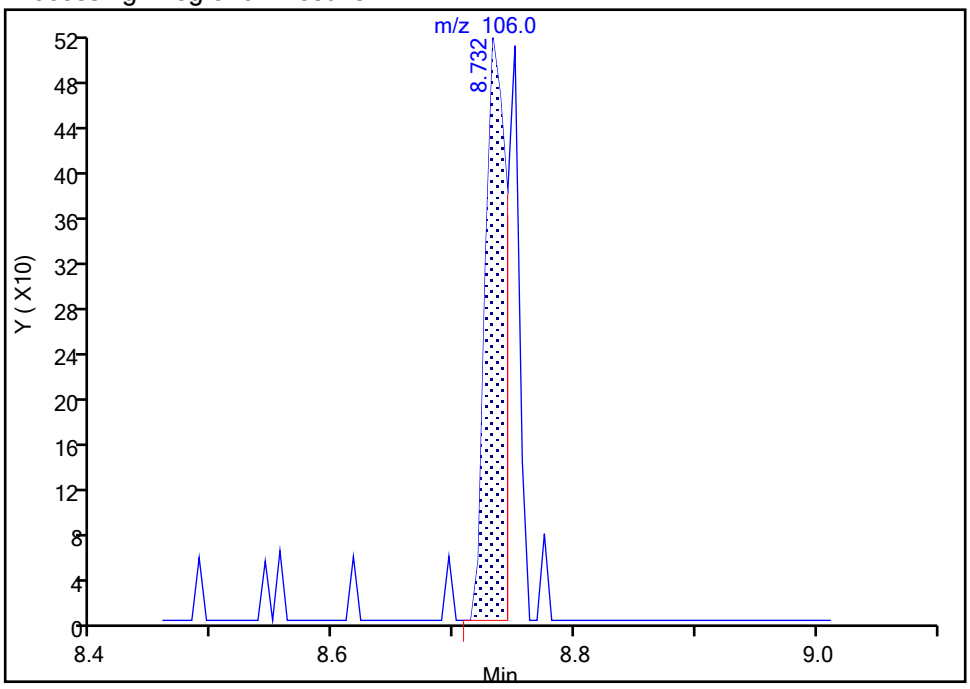
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82199.D				
Injection Date:	03-Nov-2022 11:50:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-1	Lab Sample ID:	460-268503-1		
Client ID:	RW-6				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Signal: 1

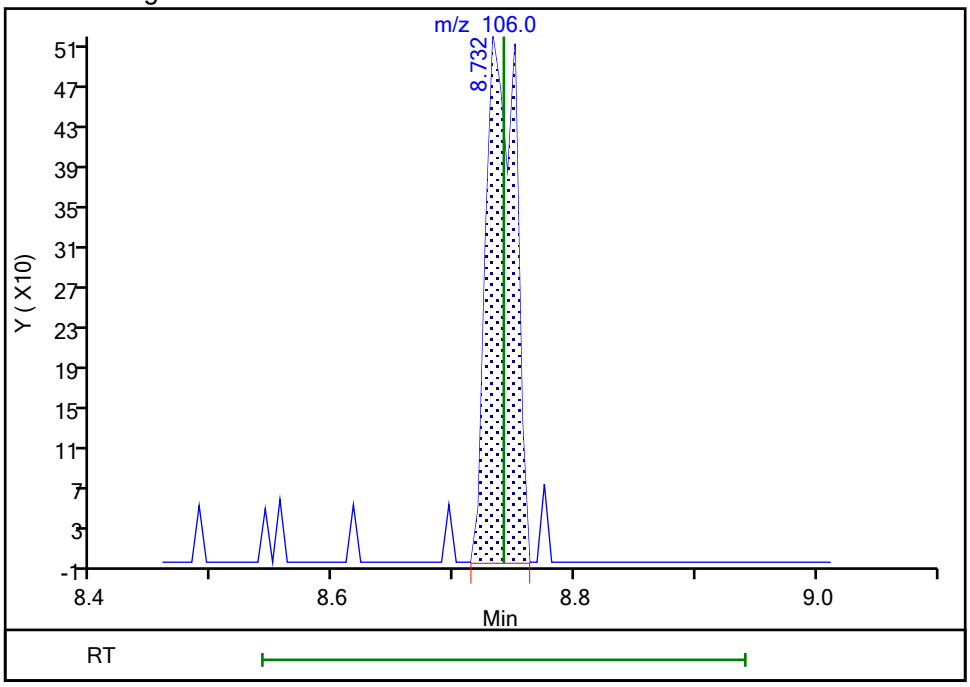
Processing Integration Results

RT: 8.73
Area: 627
Amount: 0.140780
Amount Units: ug/l



Manual Integration Results

RT: 8.73
Area: 865
Amount: 0.194218
Amount Units: ug/l



Reviewer: NN6A, 07-Nov-2022 08:35:39

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: RW-7 | Lab Sample ID: 460-268503-2

Matrix: Water | Lab File ID: J82213.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH: 7.0

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	14		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	113		60-140
1868-53-7	Dibromofluoromethane (Surr)	117		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		60-140
2037-26-5	Toluene-d8 (Surr)	94		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D
Lims ID: 460-268503-B-2
Client ID: RW-7
Sample Type: Client
Inject. Date: 03-Nov-2022 17:40:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-2
Misc. Info.: 460-0152676-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.402	0.000	75	126003	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	88	159187	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.740	0.000	97	115288	58.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.069	0.000	0	117370	43.3	
* 66 Fluorobenzene	96	4.330	4.331	-0.001	99	453744	50.0	
* 72 1,4-Dioxane-d8	96	5.036	5.036	0.000	0	21245	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.046	6.040	0.006	99	398401	47.1	
* 94 Chlorobenzene-d5	117	7.999	7.993	0.006	85	395793	50.0	
98 m-Xylene & p-Xylene	106	8.291	8.291	0.000	0	38143	8.41	
99 o-Xylene	106	8.741	8.741	0.000	94	27733	6.08	
$ 105 4-Bromofluorobenzene	174	9.325	9.319	0.006	97	158637	56.5	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	95	248485	50.0	
S 137 Xylenes, Total	100				0		14.5	

QC Flag Legend
Processing Flags

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

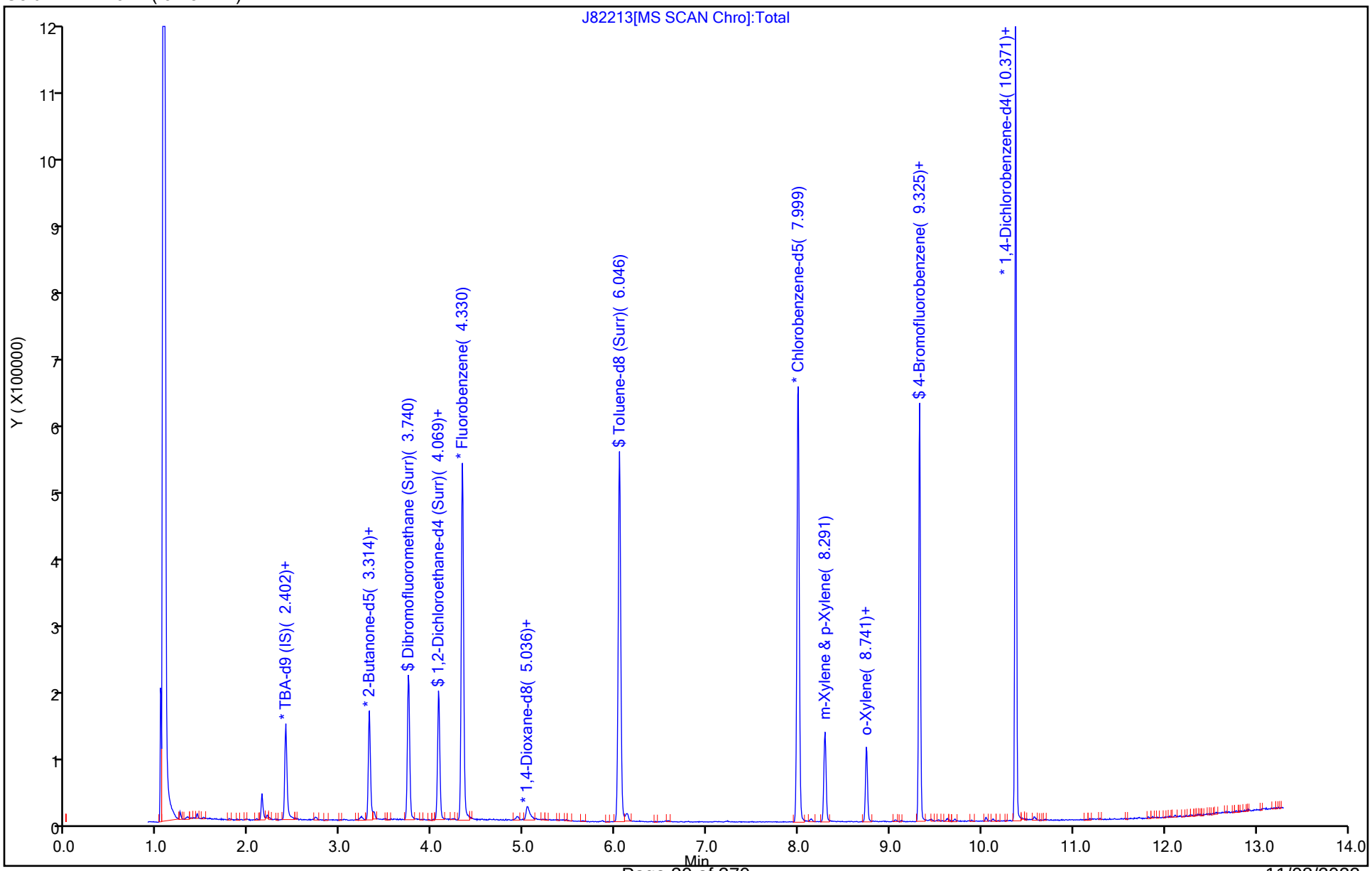
Report Date: 03-Nov-2022 19:11:21 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D

Injection Date:	03-Nov-2022 17:40:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-2	Lab Sample ID:	460-268503-2	Worklist Smp#:	24
Client ID:	RW-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D
Lims ID: 460-268503-B-2
Client ID: RW-7
Sample Type: Client
Inject. Date: 03-Nov-2022 17:40:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-2
Misc. Info.: 460-0152676-024
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

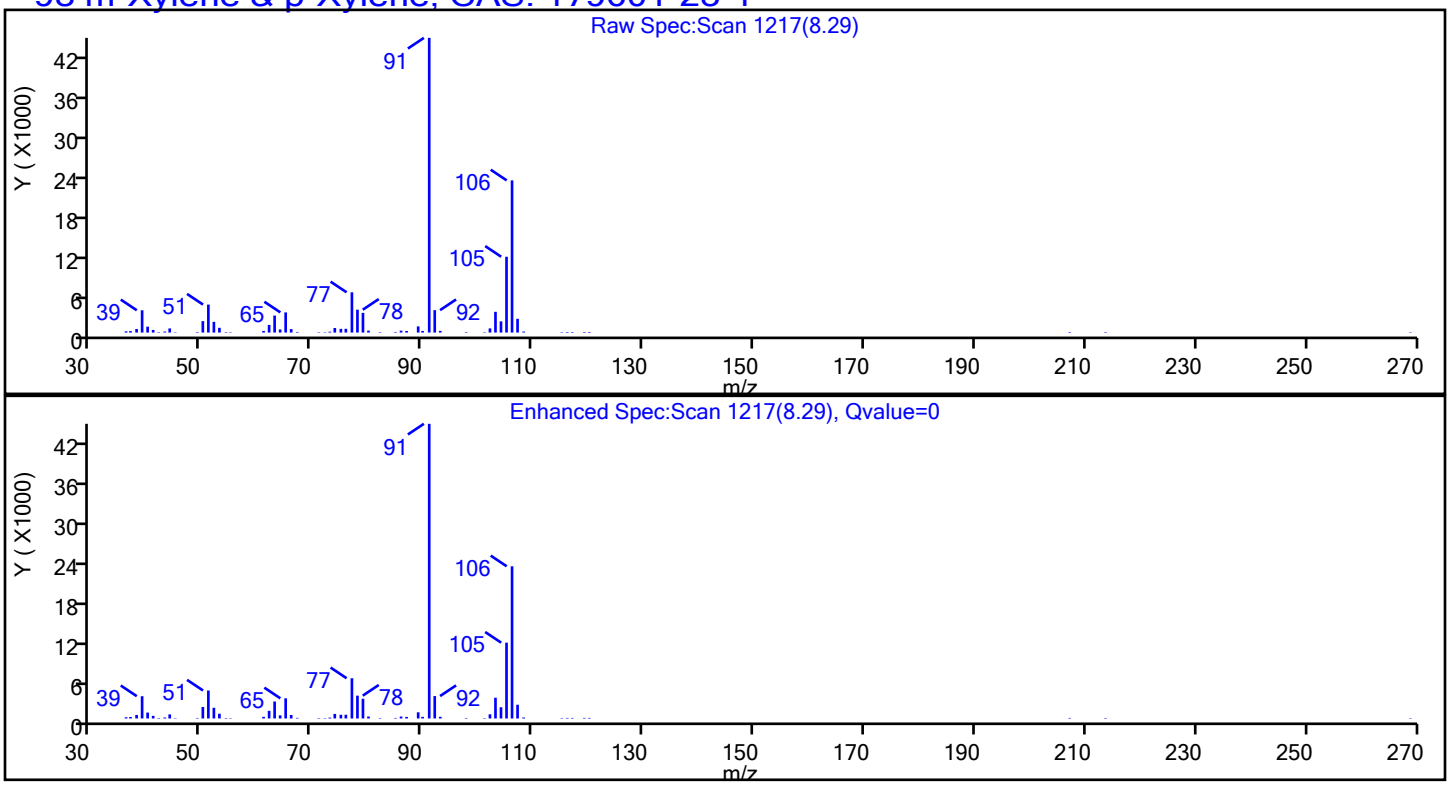
First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	58.4	116.87
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.3	86.53
$ 83 Toluene-d8 (Surr)	50.0	47.1	94.10
$ 105 4-Bromofluorobenzene	50.0	56.5	112.92

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D				
Injection Date:	03-Nov-2022 17:40:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-2	Lab Sample ID:	460-268503-2		
Client ID:	RW-7				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



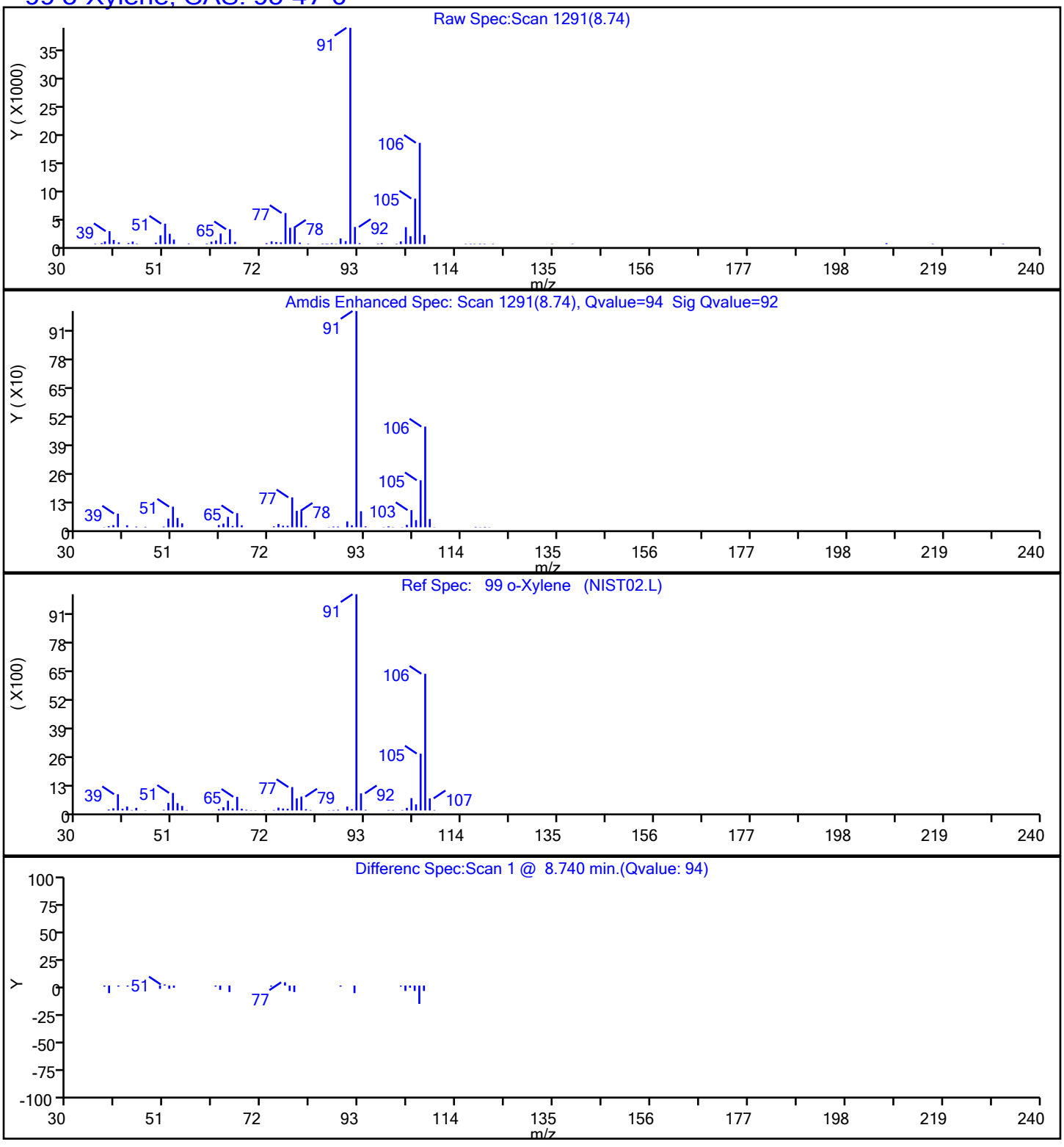
Report Date: 03-Nov-2022 19:11:21 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82213.D

Injection Date:	03-Nov-2022 17:40:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-2	Lab Sample ID:	460-268503-2		
Client ID:	RW-7				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: MW-2A | Lab Sample ID: 460-268503-3

Matrix: Water | Lab File ID: J82214.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 11:15

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 18:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	120		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	112		60-140
1868-53-7	Dibromofluoromethane (Surr)	118		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		60-140
2037-26-5	Toluene-d8 (Surr)	98		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D
Lims ID: 460-268503-B-3
Client ID: MW-2A
Sample Type: Client
Inject. Date: 03-Nov-2022 18:05:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-3
Misc. Info.: 460-0152676-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.401	2.402	-0.001	75	126783	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	88	161335	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.740	0.000	97	116342	59.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.068	4.069	-0.001	0	116746	43.1	
* 66 Fluorobenzene	96	4.330	4.331	-0.001	99	452727	50.0	
* 72 1,4-Dioxane-d8	96	5.042	5.036	0.006	0	21454	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.045	6.040	0.005	99	418229	48.8	
* 94 Chlorobenzene-d5	117	7.998	7.993	0.005	84	400901	50.0	
98 m-Xylene & p-Xylene	106	8.296	8.291	0.005	0	551960	120.2	
99 o-Xylene	106	8.746	8.741	0.005	95	1865	0.4038	
$ 105 4-Bromofluorobenzene	174	9.324	9.319	0.005	95	159290	56.0	
* 121 1,4-Dichlorobenzene-d4	152	10.377	10.371	0.006	94	243247	50.0	
S 137 Xylenes, Total	100				0		120.6	

QC Flag Legend
Processing Flags

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

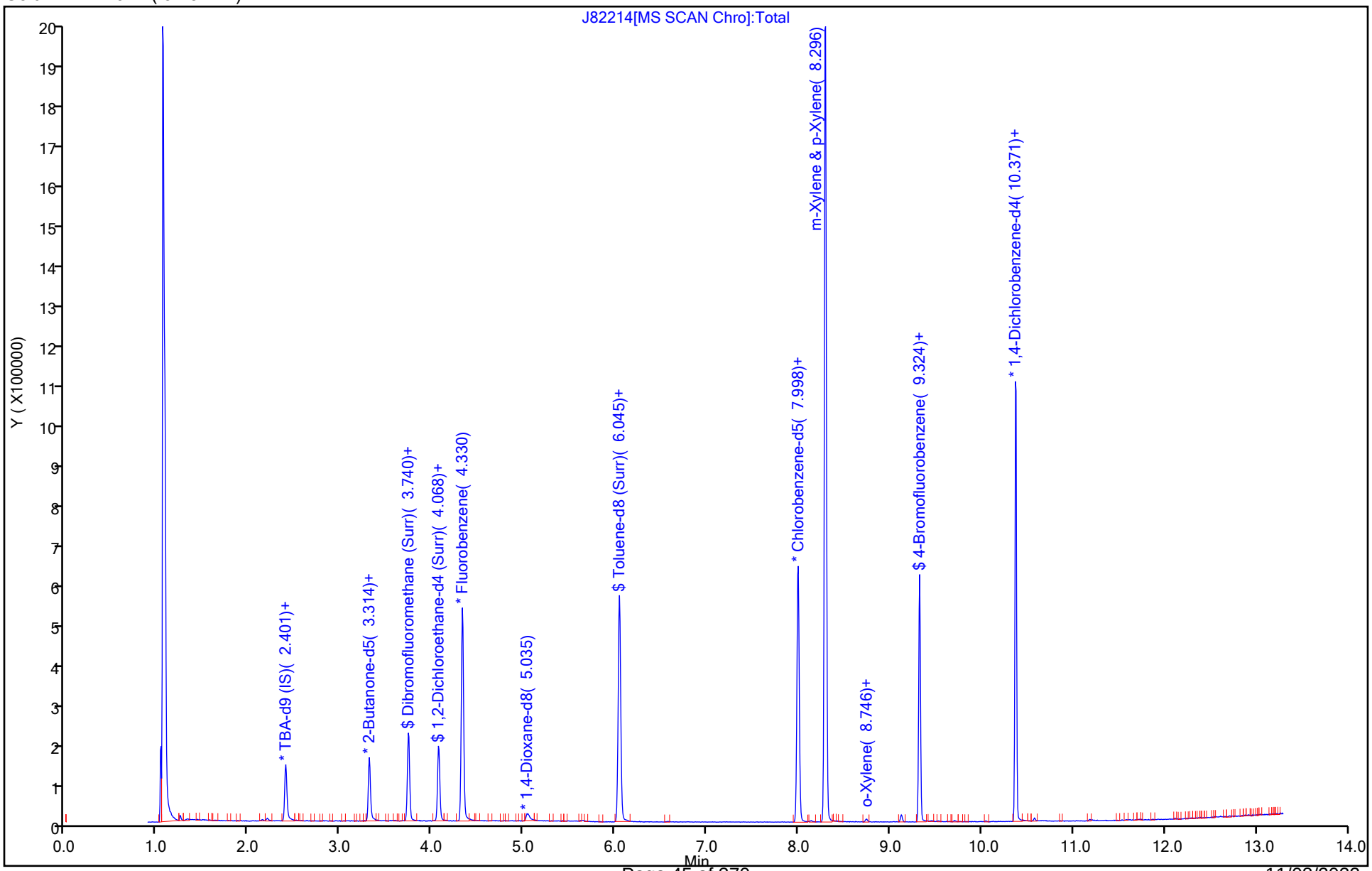
Report Date: 03-Nov-2022 19:11:32 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D

Injection Date:	03-Nov-2022 18:05:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-3	Lab Sample ID:	460-268503-3	Worklist Smp#:	25
Client ID:	MW-2A				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D
Lims ID: 460-268503-B-3
Client ID: MW-2A
Sample Type: Client
Inject. Date: 03-Nov-2022 18:05:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-3
Misc. Info.: 460-0152676-025
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

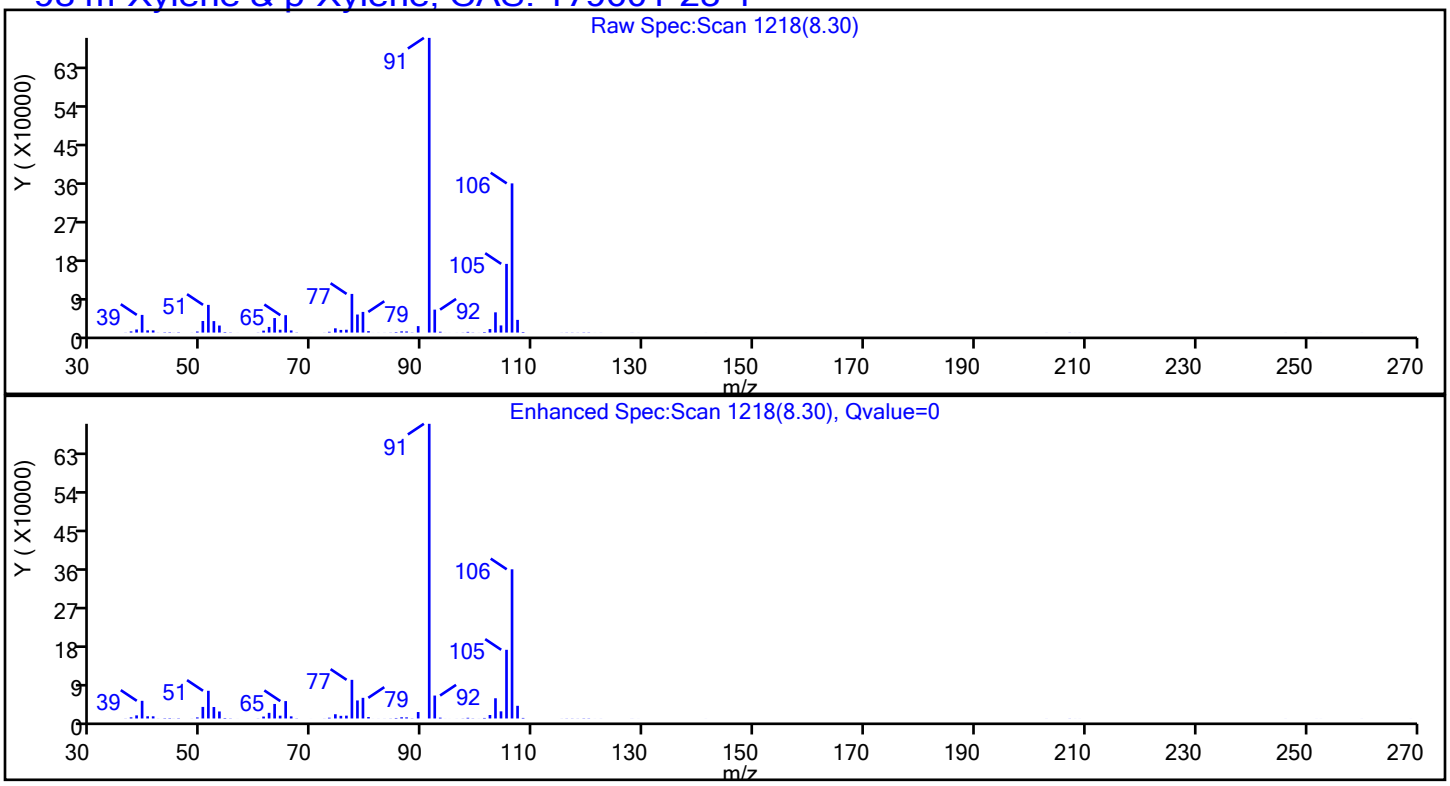
First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	59.1	118.20
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.1	86.26
$ 83 Toluene-d8 (Surr)	50.0	48.8	97.53
$ 105 4-Bromofluorobenzene	50.0	56.0	111.94

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D				
Injection Date:	03-Nov-2022 18:05:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-3	Lab Sample ID:	460-268503-3		
Client ID:	MW-2A				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

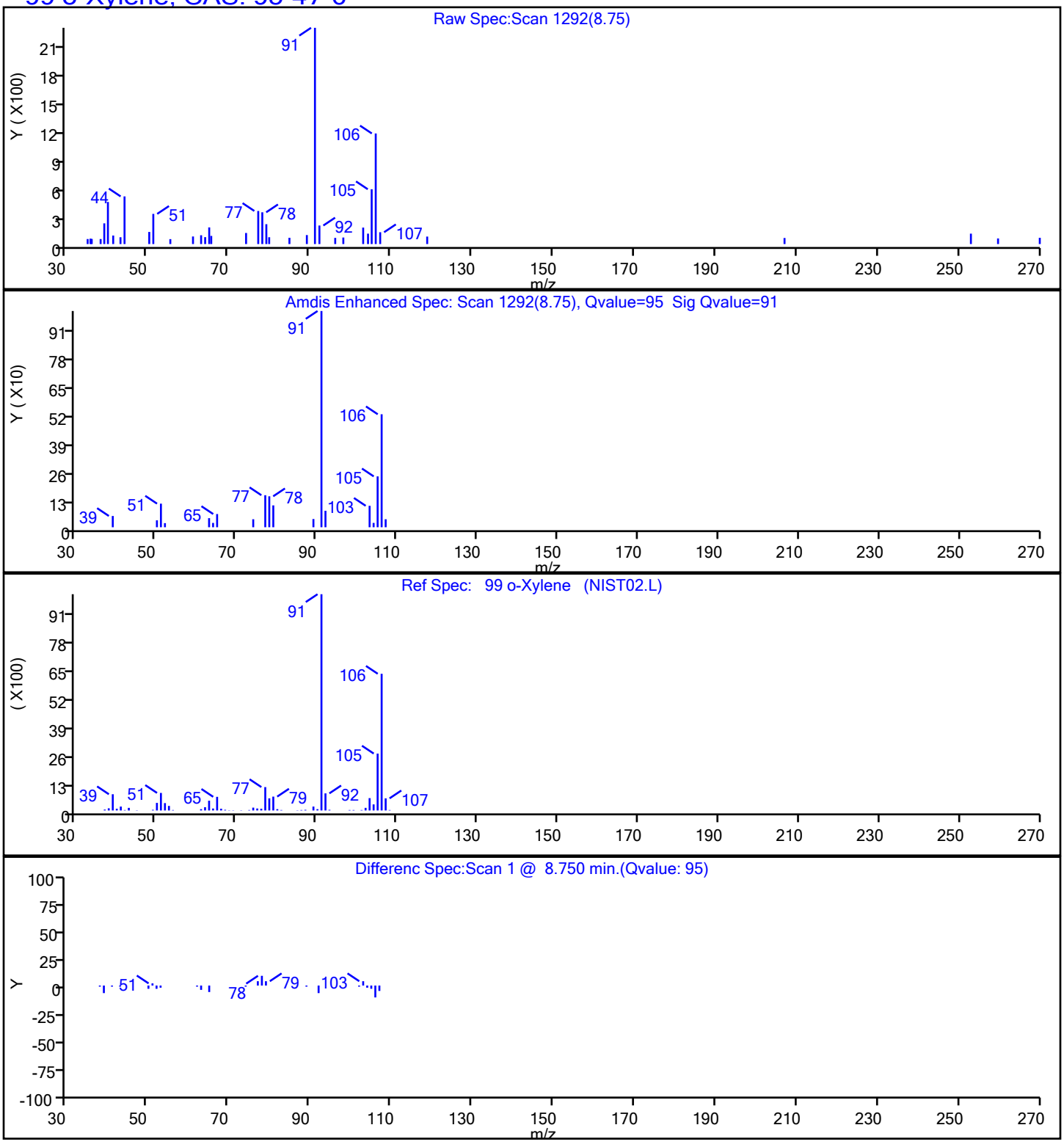
98 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82214.D
Injection Date: 03-Nov-2022 18:05:30 Instrument ID: CVOAMS8
Lims ID: 460-268503-B-3 Lab Sample ID: 460-268503-3
Client ID: MW-2A
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 460-268503-4

Matrix: Water | Lab File ID: J82211.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 16:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		60-140
1868-53-7	Dibromofluoromethane (Surr)	123		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		60-140
2037-26-5	Toluene-d8 (Surr)	90		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D
Lims ID: 460-268503-B-4
Client ID: MW-9
Sample Type: Client
Inject. Date: 03-Nov-2022 16:50:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-4
Misc. Info.: 460-0152676-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.399	2.402	-0.003	75	127412	1000.0	
* 43 2-Butanone-d5	46	3.312	3.315	-0.003	88	154598	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.744	3.740	0.004	96	113723	61.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.072	4.069	0.003	0	114610	45.1	
* 66 Fluorobenzene	96	4.328	4.331	-0.003	99	424798	50.0	
* 72 1,4-Dioxane-d8	96	5.040	5.036	0.004	0	21829	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.043	6.040	0.003	98	391173	45.2	
* 94 Chlorobenzene-d5	117	7.996	7.993	0.003	84	404720	50.0	
$ 105 4-Bromofluorobenzene	174	9.322	9.319	0.003	95	148380	51.6	
* 121 1,4-Dichlorobenzene-d4	152	10.375	10.371	0.004	94	238236	50.0	

Reagents:

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

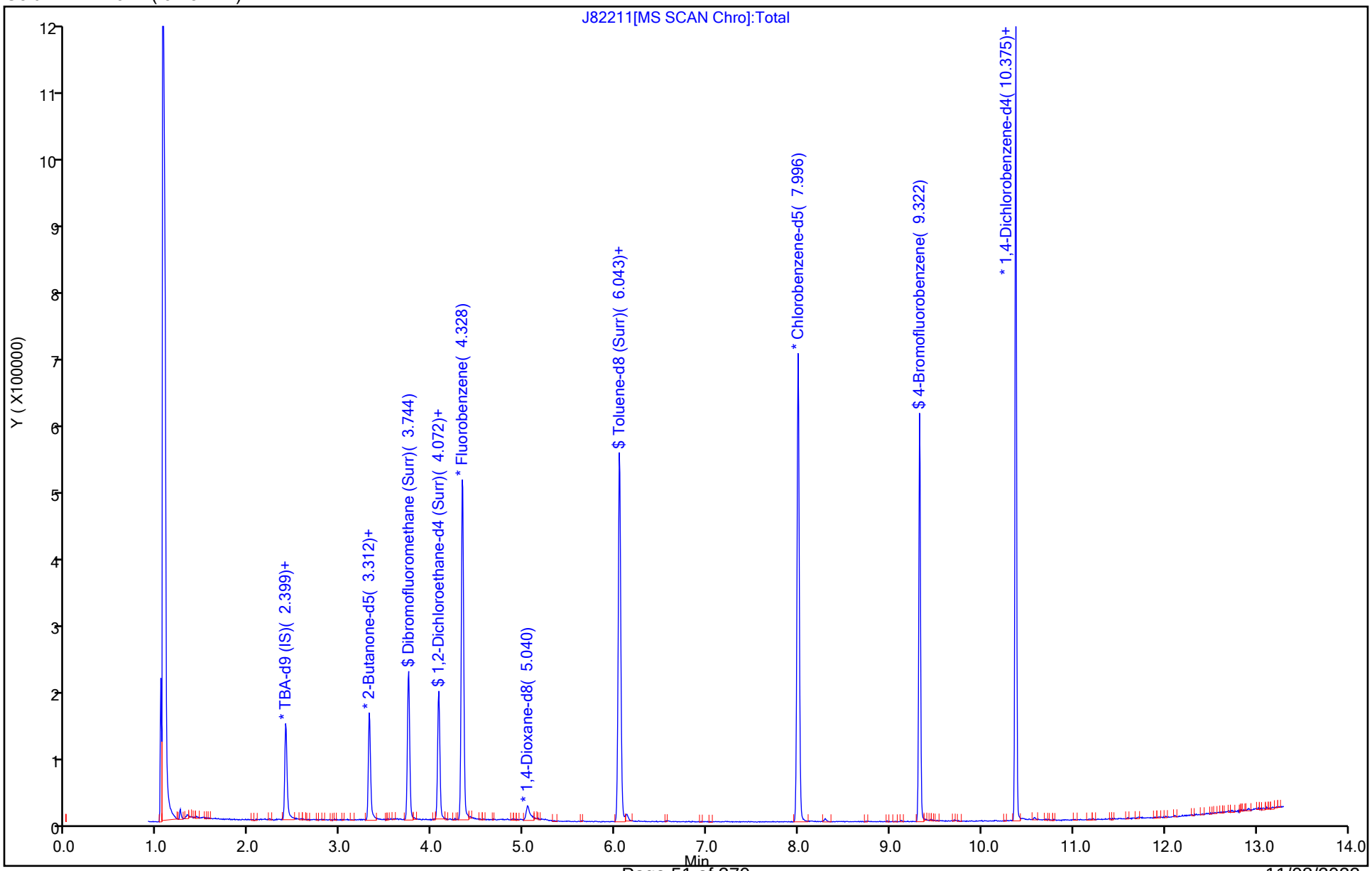
Report Date: 03-Nov-2022 19:11:06 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D

Injection Date:	03-Nov-2022 16:50:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-4	Lab Sample ID:	460-268503-4	Worklist Smp#:	22
Client ID:	MW-9				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82211.D
Lims ID: 460-268503-B-4
Client ID: MW-9
Sample Type: Client
Inject. Date: 03-Nov-2022 16:50:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-4
Misc. Info.: 460-0152676-022
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	61.6	123.14
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	45.1	90.25
$ 83 Toluene-d8 (Surr)	50.0	45.2	90.36
$ 105 4-Bromofluorobenzene	50.0	51.6	103.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: PZ-21 | Lab Sample ID: 460-268503-5

Matrix: Water | Lab File ID: J82212.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 15:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 17:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	103		60-140
1868-53-7	Dibromofluoromethane (Surr)	114		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		60-140
2037-26-5	Toluene-d8 (Surr)	96		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D
Lims ID: 460-268503-B-5
Client ID: PZ-21
Sample Type: Client
Inject. Date: 03-Nov-2022 17:15:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-5
Misc. Info.: 460-0152676-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.404	2.402	0.002	75	134188	1000.0	
* 43 2-Butanone-d5	46	3.311	3.315	-0.004	88	162140	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.742	3.740	0.002	96	117077	56.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.071	4.069	0.002	0	121173	42.8	
* 66 Fluorobenzene	96	4.333	4.331	0.002	99	473261	50.0	
* 72 1,4-Dioxane-d8	96	5.038	5.036	0.002	0	23194	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.042	6.040	0.002	99	409252	48.1	
* 94 Chlorobenzene-d5	117	7.995	7.993	0.002	85	398108	50.0	
$ 105 4-Bromofluorobenzene	174	9.327	9.319	0.008	98	145704	51.6	
* 121 1,4-Dichlorobenzene-d4	152	10.373	10.371	0.002	94	236740	50.0	

Reagents:

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

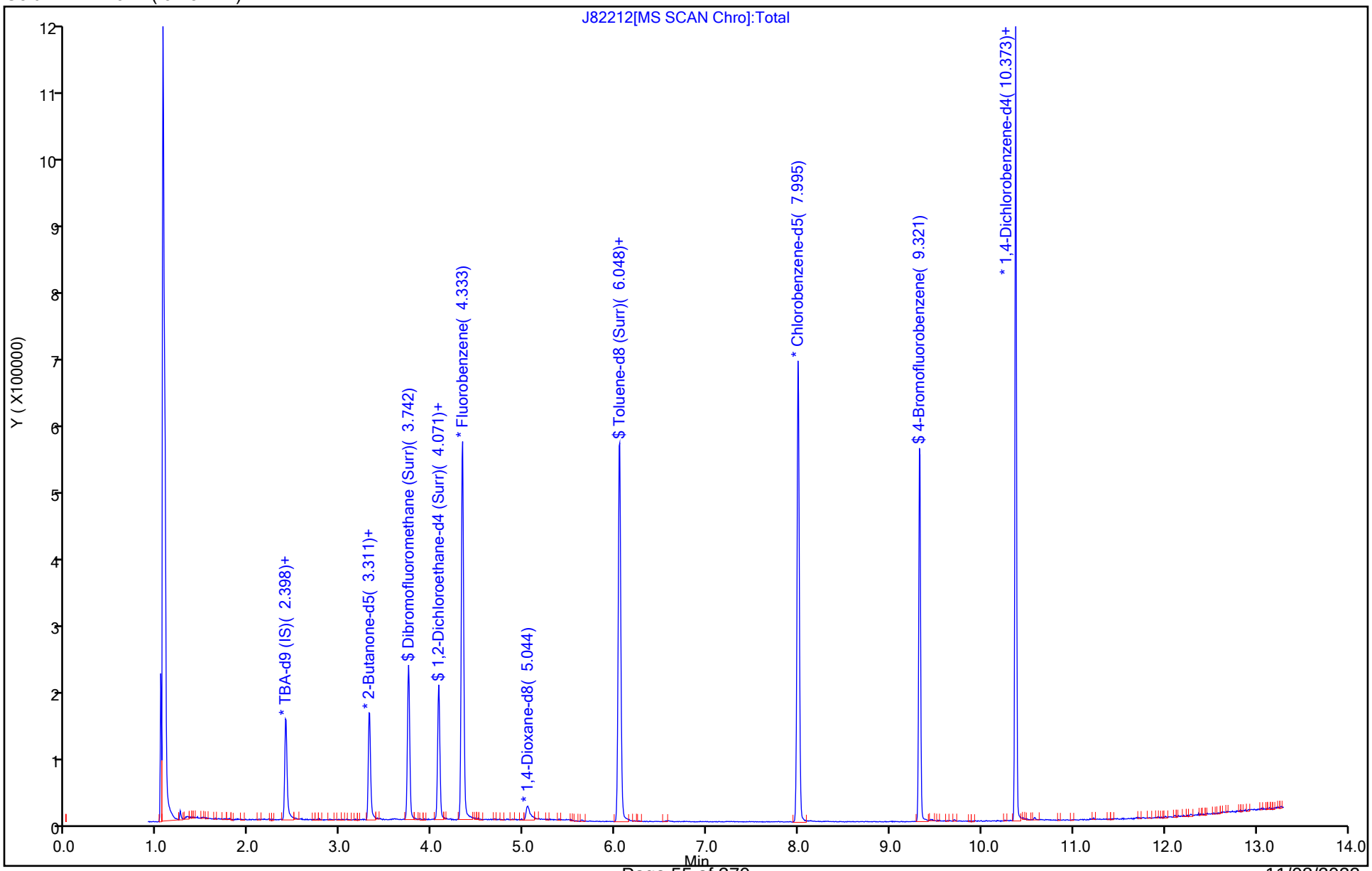
Report Date: 03-Nov-2022 19:11:13 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D

Injection Date:	03-Nov-2022 17:15:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-5	Lab Sample ID:	460-268503-5	Worklist Smp#:	23
Client ID:	PZ-21				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82212.D
Lims ID: 460-268503-B-5
Client ID: PZ-21
Sample Type: Client
Inject. Date: 03-Nov-2022 17:15:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-5
Misc. Info.: 460-0152676-023
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:11:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.9	113.79
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.8	85.64
$ 83 Toluene-d8 (Surr)	50.0	48.1	96.11
$ 105 4-Bromofluorobenzene	50.0	51.6	103.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: BD_(10282022) | Lab Sample ID: 460-268503-6

Matrix: Water | Lab File ID: J82215.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 18:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	110		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	115		60-140
1868-53-7	Dibromofluoromethane (Surr)	117		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		60-140
2037-26-5	Toluene-d8 (Surr)	90		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D
Lims ID: 460-268503-B-6
Client ID: BD_(10282022)
Sample Type: Client
Inject. Date: 03-Nov-2022 18:30:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-6
Misc. Info.: 460-0152676-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 20:22:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.402	0.000	75	126387	1000.0	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	88	151585	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.740	0.000	97	114709	58.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.069	0.000	0	114515	42.3	
* 66 Fluorobenzene	96	4.330	4.331	-0.001	99	452698	50.0	
* 72 1,4-Dioxane-d8	96	5.042	5.036	0.006	0	24008	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.046	6.040	0.006	99	377566	45.1	
* 94 Chlorobenzene-d5	117	7.993	7.993	-0.001	85	391611	50.0	
98 m-Xylene & p-Xylene	106	8.291	8.291	0.000	0	483778	107.8	
99 o-Xylene	106	8.741	8.741	0.000	93	1657	0.3673	
$ 105 4-Bromofluorobenzene	174	9.325	9.319	0.006	97	160465	57.7	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	95	247354	50.0	
S 137 Xylenes, Total	100				0		108.2	

QC Flag Legend
Processing Flags

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

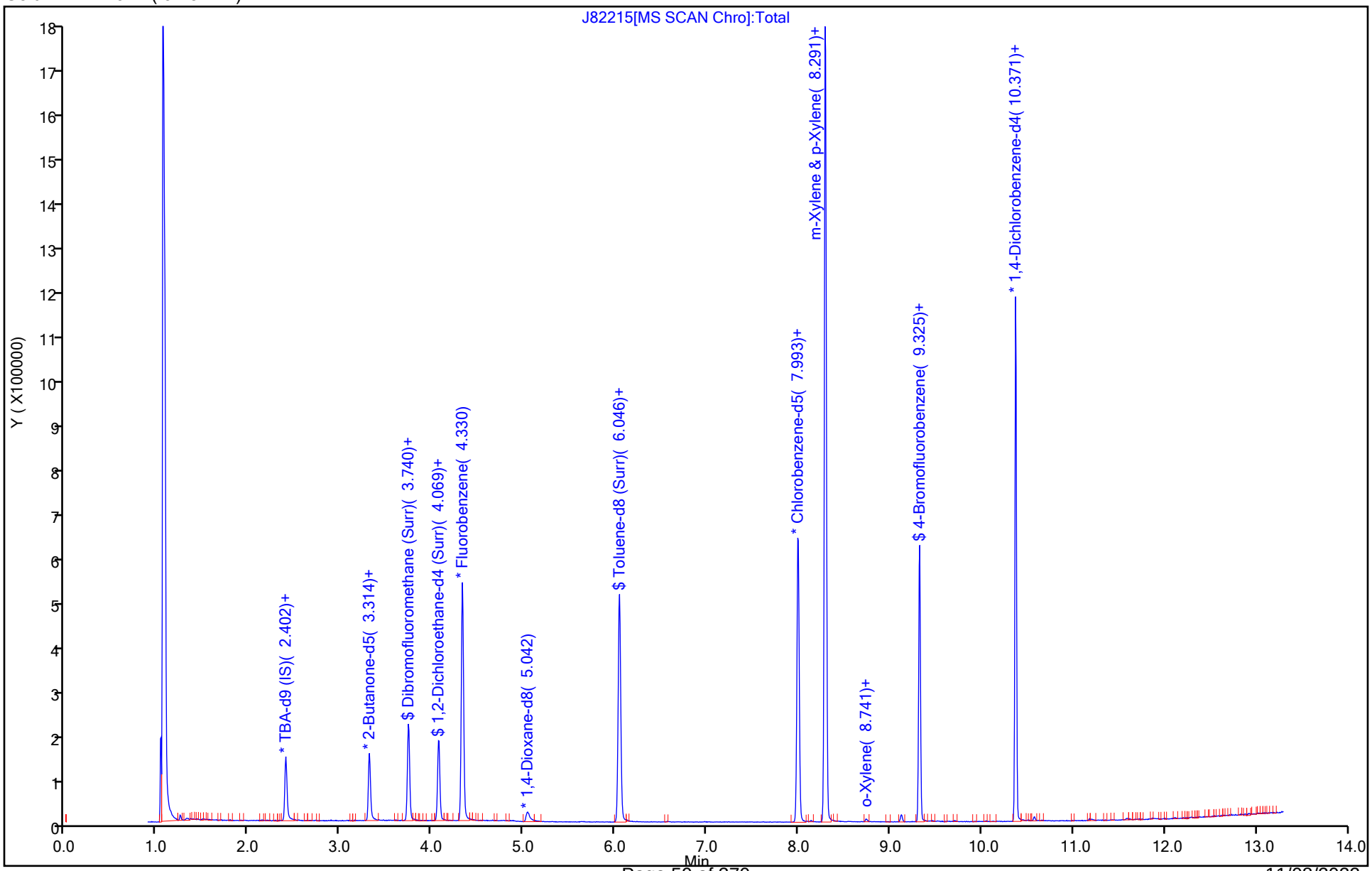
Report Date: 03-Nov-2022 20:22:04 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D

Injection Date:	03-Nov-2022 18:30:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-6	Lab Sample ID:	460-268503-6	Worklist Smp#:	26
Client ID:	BD_(10282022)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D
Lims ID: 460-268503-B-6
Client ID: BD_(10282022)
Sample Type: Client
Inject. Date: 03-Nov-2022 18:30:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-6
Misc. Info.: 460-0152676-026
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

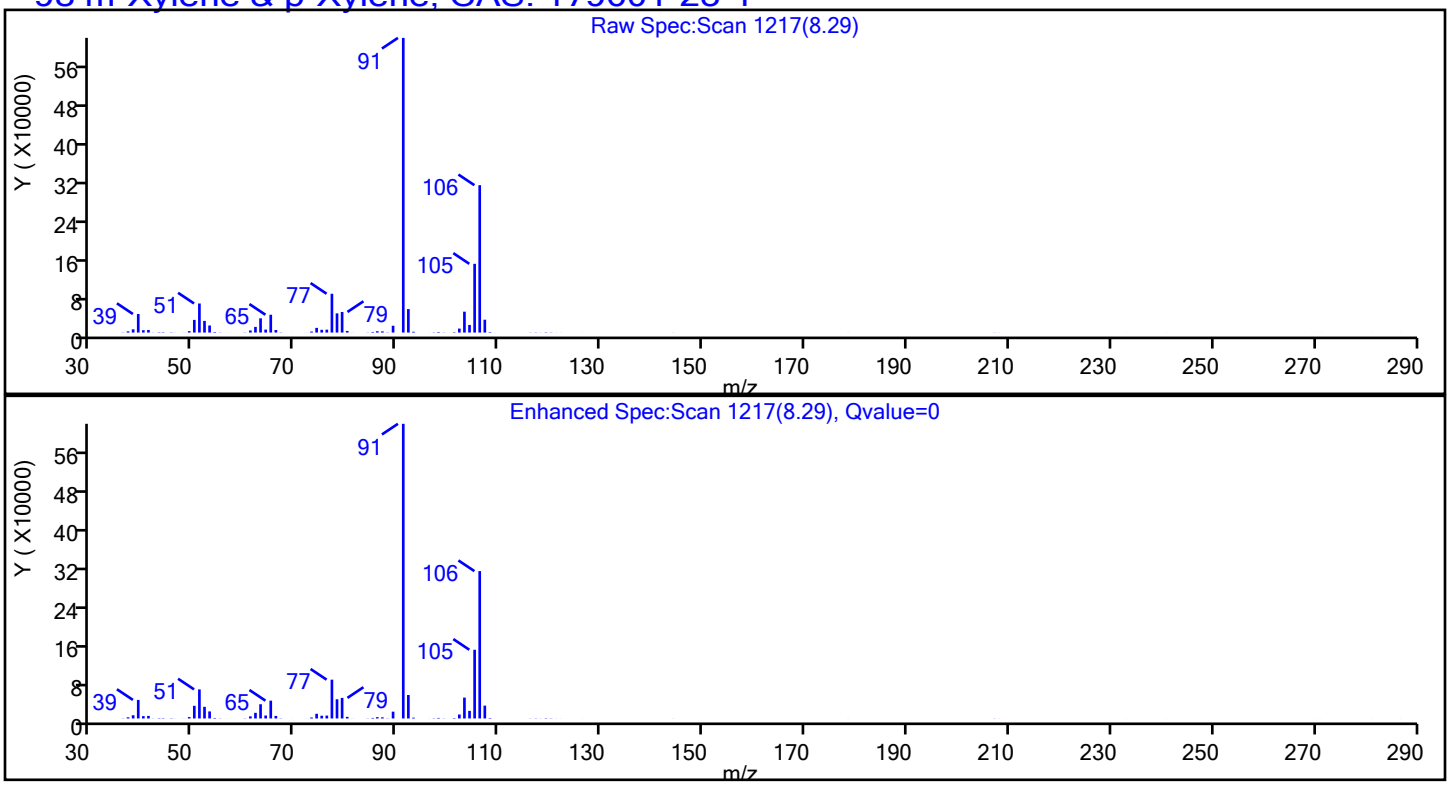
First Level Reviewer: HVW2 Date: 03-Nov-2022 20:22:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	58.3	116.55
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.3	84.62
$ 83 Toluene-d8 (Surr)	50.0	45.1	90.14
$ 105 4-Bromofluorobenzene	50.0	57.7	115.44

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D				
Injection Date:	03-Nov-2022 18:30:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-6	Lab Sample ID:	460-268503-6		
Client ID:	BD_(10282022)				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



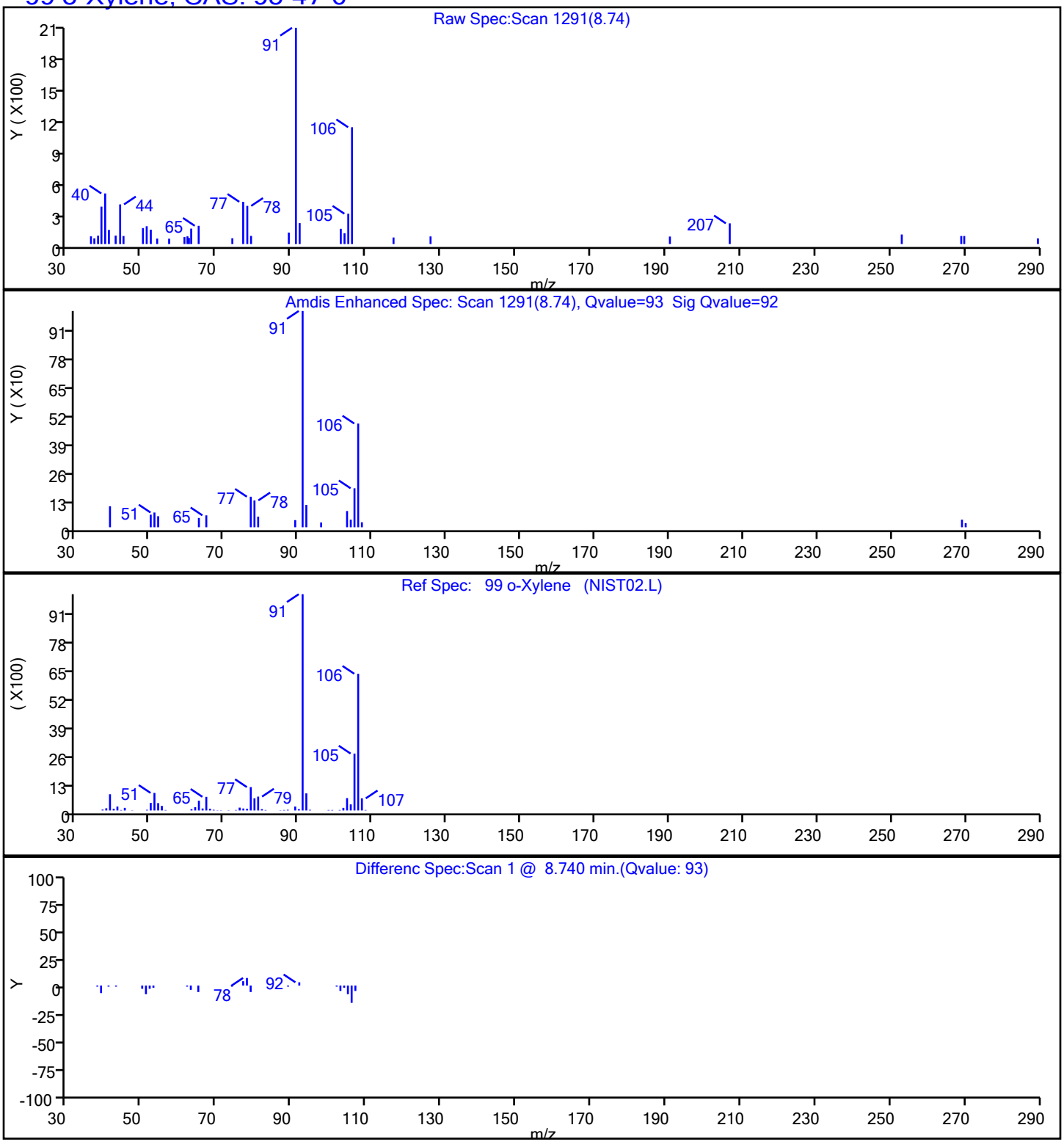
Report Date: 03-Nov-2022 20:22:04 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82215.D

Injection Date:	03-Nov-2022 18:30:30	Instrument ID:	CVOAMS8		
Lims ID:	460-268503-B-6	Lab Sample ID:	460-268503-6		
Client ID:	BD_(10282022)				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: FB_(20221028) | Lab Sample ID: 460-268503-7

Matrix: Water | Lab File ID: J82207.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 15:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	111		60-140
1868-53-7	Dibromofluoromethane (Surr)	125		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		60-140
2037-26-5	Toluene-d8 (Surr)	88		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D
Lims ID: 460-268503-B-7
Client ID: FB_(20221028)
Sample Type: Client
Inject. Date: 03-Nov-2022 15:10:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-7
Misc. Info.: 460-0152676-018
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:10:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.402	2.402	0.000	75	110848	1000.0	
* 43 2-Butanone-d5	46	3.315	3.315	0.000	87	138622	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.741	3.740	0.001	96	114849	62.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.069	0.000	0	112243	44.3	
* 66 Fluorobenzene	96	4.331	4.331	0.000	99	423506	50.0	
* 72 1,4-Dioxane-d8	96	5.043	5.036	0.007	0	21571	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.046	6.040	0.006	99	363990	44.2	
* 94 Chlorobenzene-d5	117	7.999	7.993	0.006	85	384810	50.0	
$ 105 4-Bromofluorobenzene	174	9.325	9.319	0.006	98	151757	55.6	
* 121 1,4-Dichlorobenzene-d4	152	10.372	10.371	0.001	94	239032	50.0	

Reagents:

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

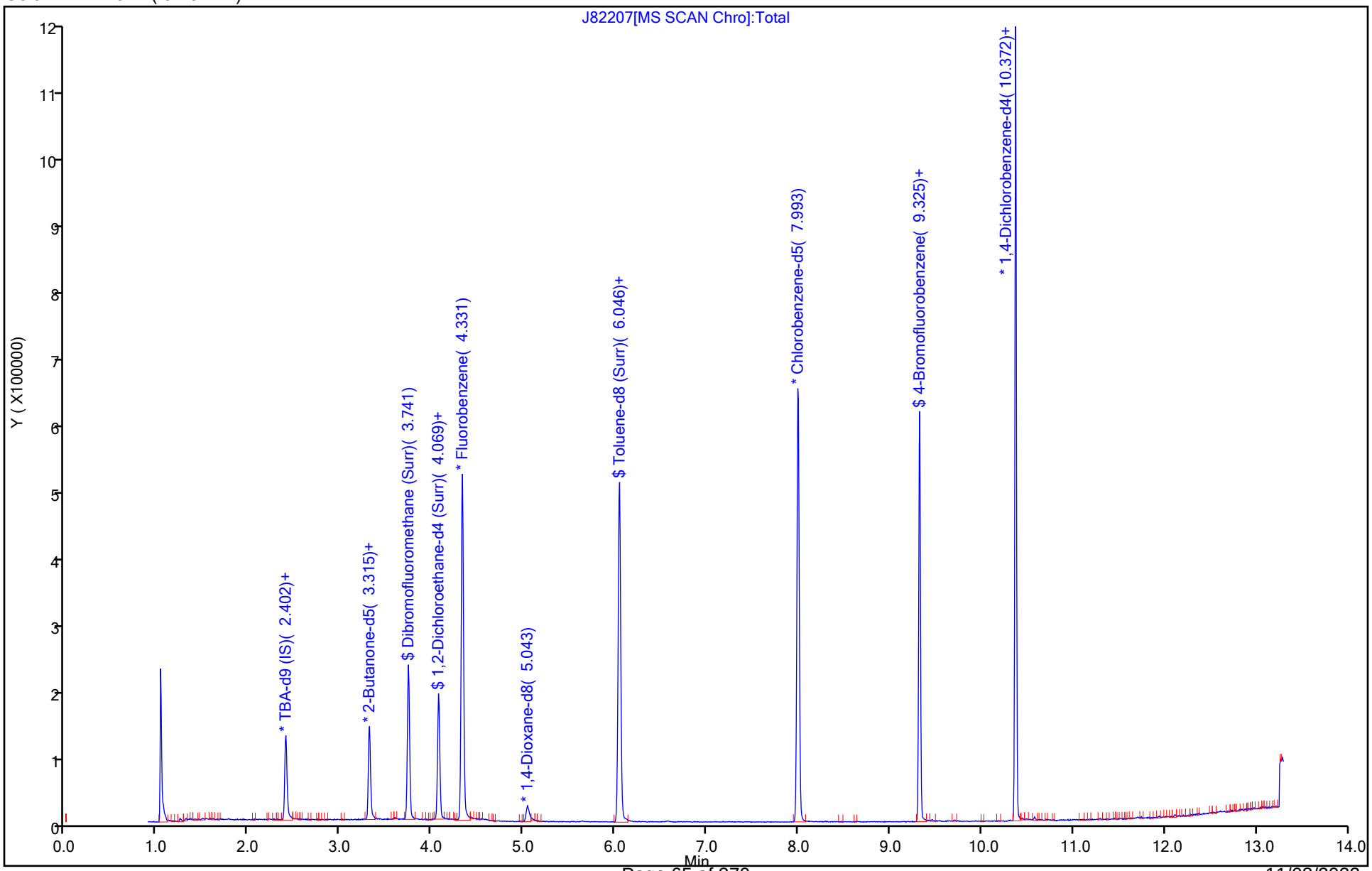
Report Date: 03-Nov-2022 19:10:28 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D

Injection Date:	03-Nov-2022 15:10:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-7	Lab Sample ID:	460-268503-7	Worklist Smp#:	18
Client ID:	FB_(20221028)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82207.D				
Lims ID:	460-268503-B-7				
Client ID:	FB_(20221028)				
Sample Type:	Client				
Inject. Date:	03-Nov-2022 15:10:30	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-268503-B-7				
Misc. Info.:	460-0152676-018				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m				
Limit Group:	VOA 624.1 ICAL				
Last Update:	03-Nov-2022 16:45:09	Calib Date:	13-Oct-2022 02:01:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1619				

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:10:28

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	62.4	124.74
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.3	88.65
$ 83 Toluene-d8 (Surr)	50.0	44.2	88.43
$ 105 4-Bromofluorobenzene	50.0	55.6	111.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: TB_(20221028) | Lab Sample ID: 460-268503-8

Matrix: Water | Lab File ID: J82208.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 15:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	107		60-140
1868-53-7	Dibromofluoromethane (Surr)	123		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		60-140
2037-26-5	Toluene-d8 (Surr)	92		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D
Lims ID: 460-268503-B-8
Client ID: TB_(20221028)
Sample Type: Client
Inject. Date: 03-Nov-2022 15:35:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-8
Misc. Info.: 460-0152676-019
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:10:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.399	2.402	-0.003	75	121334	1000.0	
* 43 2-Butanone-d5	46	3.312	3.315	-0.003	88	149976	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.744	3.740	0.004	96	115678	61.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.072	4.069	0.003	0	114772	44.4	
* 66 Fluorobenzene	96	4.328	4.331	-0.003	99	432274	50.0	
* 72 1,4-Dioxane-d8	96	5.040	5.036	0.004	0	23920	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.043	6.040	0.003	99	386471	45.9	
* 94 Chlorobenzene-d5	117	7.996	7.993	0.003	85	393270	50.0	
$ 105 4-Bromofluorobenzene	174	9.322	9.319	0.003	94	149784	53.6	
* 121 1,4-Dichlorobenzene-d4	152	10.375	10.371	0.004	94	233246	50.0	

Reagents:

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

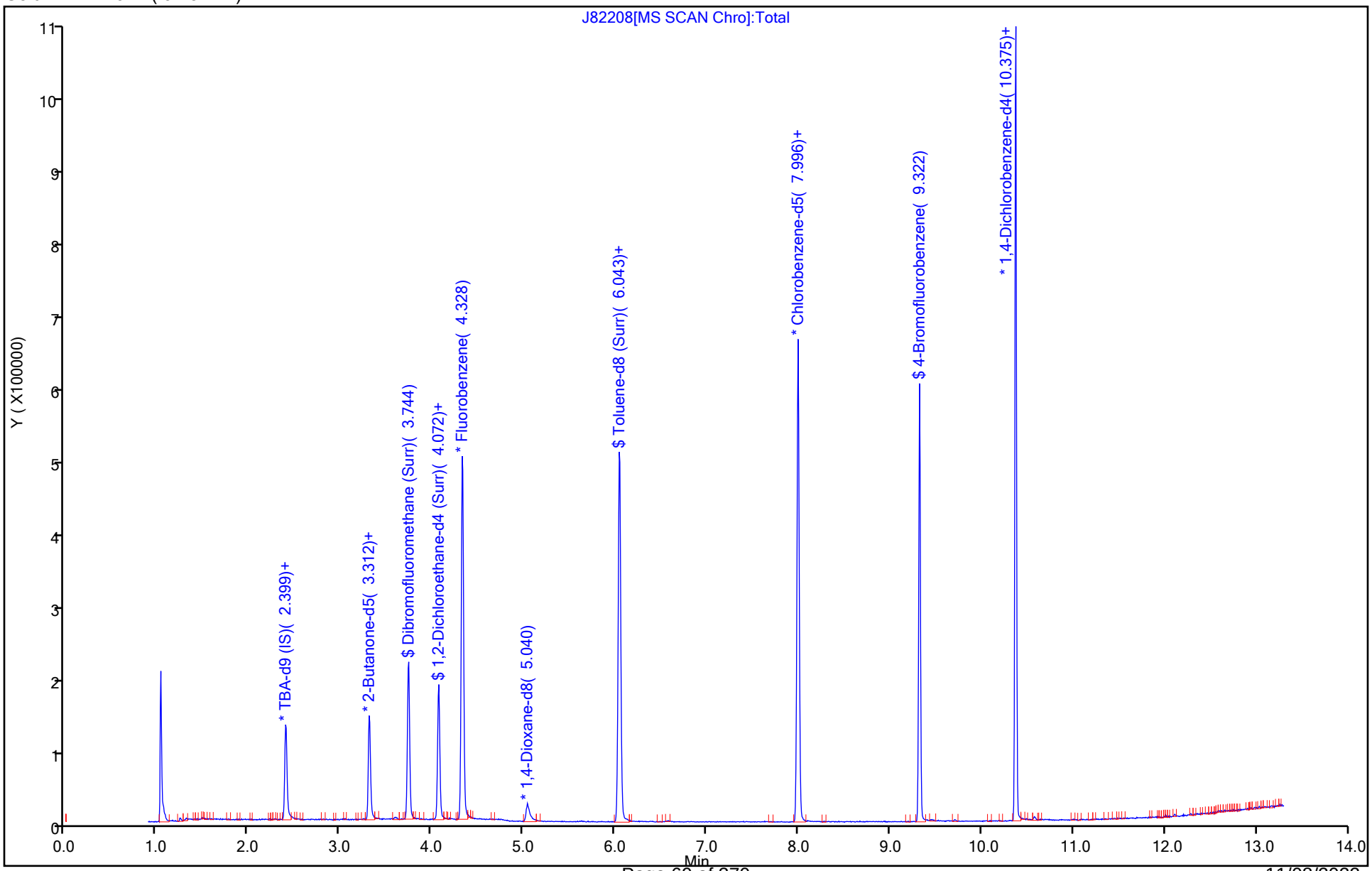
Report Date: 03-Nov-2022 19:10:35 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D

Injection Date:	03-Nov-2022 15:35:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-8	Lab Sample ID:	460-268503-8	Worklist Smp#:	19
Client ID:	TB_(20221028)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82208.D
Lims ID: 460-268503-B-8
Client ID: TB_(20221028)
Sample Type: Client
Inject. Date: 03-Nov-2022 15:35:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-8
Misc. Info.: 460-0152676-019
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 16:45:09 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 19:10:35

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	61.5	123.09
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	44.4	88.81
$ 83 Toluene-d8 (Surr)	50.0	45.9	91.87
$ 105 4-Bromofluorobenzene	50.0	53.6	107.30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-871602/3	J81262.D
Level 2	STD1 460-871602/4	J81263.D
Level 3	STD5 460-871602/5	J81264.D
Level 4	STD20 460-871602/6	J81265.D
Level 5	STD50 460-871602/7	J81266.D
Level 6	STD200 460-871602/8	J81267.D
Level 7	STD500 460-871602/9	J81268.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								
Dichlorodifluoromethane	+++++ 0.3866	0.3568 0.3752	0.3839	0.3517	0.3503	Ave		0.3674				4.5		35.0			
Chloromethane	+++++ 0.5313	0.5850 0.5175	0.5398	0.5079	0.5010	Ave		0.5304				5.7		35.0			
Vinyl chloride	+++++ 0.3438	0.4045 0.3227	0.3592	0.3468	0.3394	Ave		0.3527				7.9		35.0			
Butadiene	0.3620 0.3327	0.3745 0.2977	0.3562	0.3306	0.3175	Ave		0.3387				8.0		35.0			
Bromomethane	+++++ 0.1350	0.1357 0.1407	0.1236	0.1231	0.1211	Ave		0.1299				6.3		35.0			
Chloroethane	+++++ 0.1620	0.1862 0.1516	0.1980	0.1794	0.1665	Ave		0.1740				9.8		35.0			
Trichlorofluoromethane	+++++ 0.3685	0.4182 0.3437	0.3882	0.3676	0.3619	Ave		0.3747				6.8		35.0			
Pentane	+++++ 0.4132	0.4247 0.3464	0.5226	0.4774	0.4388	Ave		0.4372				13.7		35.0			
Ethanol	+++++ 0.0361	0.0491 0.0403	0.0472	0.0513	0.0462	Ave		0.0450				12.7		35.0			
Ethyl ether	+++++ 0.2142	0.2391 0.1871	0.2156	0.2282	0.2211	Ave		0.2176				8.0		35.0			
2-Methyl-1,3-butadiene	+++++ 0.2580	0.3080 0.2305	0.3004	0.2765	0.2740	Ave		0.2746				10.3		35.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2149	0.2313 0.1978	0.2407	0.2254	0.2199	Ave		0.2217				6.6		35.0			
Acrolein	+++++ 1.7676	2.0821 1.7100	1.8575	1.6380	1.7370	Ave		1.7987				8.7		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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-Dichloroethene	+++++ 0.2031	0.2802 0.1895	0.2296	0.2188	0.2105	Ave		0.2219				14.3		35.0			
Acetone	+++++ 0.6729	0.7991 0.6423	0.6542	0.6099	0.5979	Ave		0.6627				10.9		35.0			
Iodomethane	+++++ 0.2762	0.1891 0.2572	0.1528	0.2093	0.2492	Lin2	-0.061	0.2353				19.1		35.0			
Isopropyl alcohol	+++++ 0.5049	0.4218 0.5617	0.5371	0.5088	0.5829	Ave		0.5196				10.9		35.0			
Carbon disulfide	+++++ 0.7923	0.9372 0.7213	0.7971	0.8167	0.8286	Ave		0.8155				8.6		35.0			
3-Chloro-1-propene	+++++ 0.1456	0.1936 0.1251	0.1570	0.1592	0.1536	Ave		0.1557				14.3		35.0			
Methyl acetate	+++++ 0.2095	0.2443 0.1856	0.2071	0.2160	0.2231	Ave		0.2143				9.1		35.0			
Acetonitrile	+++++ 1.2453	1.2358 1.5108	1.2687	1.3351	1.3568	Ave		1.3254				7.8		35.0			
Methylene Chloride	+++++ 0.2572	0.3297 0.2396	0.2814	0.2763	0.2623	Ave		0.2744				11.3		35.0			
2-Methyl-2-propanol	+++++ 0.7334	0.8998 0.8074	0.7784	0.7739	0.8174	Ave		0.8017				7.0		35.0			
Methyl tert-butyl ether	+++++ 0.6872	0.7326 0.6282	0.6482	0.6853	0.7079	Ave		0.6816				5.6		35.0			
trans-1,2-Dichloroethene	+++++ 0.2311	0.3206 0.2142	0.2597	0.2440	0.2390	Ave		0.2515				14.7		35.0			
Acrylonitrile	5.0821 4.3947	5.3163 3.8435	4.9801	5.1319	4.7366	Ave		4.7836				10.7		35.0			
Hexane	+++++ 0.3135	0.3052 0.2773	0.3302	0.3294	0.3246	Ave		0.3133				6.4		35.0			
Isopropyl ether	+++++ 1.0622	1.0622 0.9354	1.0274	1.0723	1.0906	Ave		1.0417				5.4		35.0			
1,1-Dichloroethane	+++++ 0.5292	0.6580 0.4661	0.6094	0.5699	0.5575	Ave		0.5650				11.7		35.0			
Vinyl acetate	+++++ 0.6571	0.6906 0.5241	0.6940	0.7233	0.6801	Ave		0.6615				10.7		35.0			
2,2-Dichloropropane	+++++ 0.1299	0.2127 0.1219	0.1408	0.1341	0.1325	Ave		0.1453				23.1		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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								
cis-1,2-Dichloroethene	+++++ 0.2595	0.3373 0.2428	0.2865	0.2690	0.2635	Ave		0.2764				11.9		35.0			
2-Butanone (MEK)	+++++ 0.1915	0.2397 0.1868	0.1975	0.1882	0.1756	Ave		0.1966				11.3		35.0			
Ethyl acetate	+++++ 0.2008	0.2198 0.2044	0.1994	0.2085	0.1985	Ave		0.2052				3.9		35.0			
Chlorobromomethane	+++++ 0.1112	0.1611 0.1041	0.1208	0.1202	0.1167	Ave		0.1224				16.3		35.0			
Tetrahydrofuran	+++++ 0.1943	0.1558 0.1848	0.2252	0.2141	0.2022	Ave		0.1961				12.4		35.0			
Chloroform	+++++ 0.4673	0.5872 0.4113	0.5180	0.4961	0.4809	Ave		0.4935				11.8		35.0			
Cyclohexane	+++++ 0.2930	0.3313 0.2693	0.3345	0.3112	0.3029	Ave		0.3070				8.0		35.0			
1,1,1-Trichloroethane	+++++ 0.3770	0.4487 0.3515	0.4026	0.3860	0.3768	Ave		0.3904				8.5		35.0			
Carbon tetrachloride	+++++ 0.3096	0.3292 0.3009	0.3143	0.3046	0.3049	Ave		0.3106				3.3		35.0			
1,1-Dichloropropene	+++++ 0.3625	0.4095 0.3478	0.3807	0.3767	0.3698	Ave		0.3745				5.5		35.0			
Benzene	+++++ 1.2966	1.6349 1.1755	1.4449	1.4388	1.3717	Ave		1.3937				11.1		35.0			
Isopropyl acetate	+++++ 0.8052	0.7887 0.7474	0.7458	0.7871	0.8261	Ave		0.7834				4.1		35.0			
1,2-Dichloroethane	+++++ 0.3980	0.4858 0.3762	0.4230	0.4223	0.4053	Ave		0.4184				8.9		35.0			
n-Heptane	+++++ 0.1219	0.1425 0.1113	0.1260	0.1233	0.1233	Ave		0.1247				8.1		35.0			
n-Butanol	+++++ 0.1925	0.1339 0.2236	0.1746	0.1898	0.2206	Ave		0.1892				17.4		35.0			
Trichloroethene	+++++ 0.2593	0.3543 0.2498	0.2769	0.2623	0.2659	Ave		0.2781				13.8		35.0			
Methylcyclohexane	+++++ 0.3156	0.3139 0.2903	0.3288	0.3250	0.3205	Ave		0.3157				4.3		35.0			
Ethyl acrylate	+++++ 0.6687	0.7385 0.6159	0.6487	0.6667	0.6870	Ave		0.6709				6.1		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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								
1,2-Dichloropropane	+++++ 0.3107	0.4078 0.2910	0.3321	0.3283	0.3181	Ave		0.3313				12.1		35.0			
Methyl methacrylate	+++++ 0.0508	0.0533 0.0486	0.0476	0.0499	0.0503	Ave		0.0501				3.9		35.0			
1,4-Dioxane	+++++ 0.5006	0.3592 0.5429	0.7050	0.5376	0.6154	Ave		0.5434				21.3		35.0			
Dibromomethane	+++++ 0.1711	0.2315 0.1642	0.1778	0.1761	0.1747	Ave		0.1826				13.4		35.0			
n-Propyl acetate	+++++ 0.4316	0.4407 0.4131	0.3685	0.4180	0.4362	Ave		0.4180				6.3		35.0			
Dichlorobromomethane	+++++ 0.3683	0.4174 0.3659	0.3587	0.3587	0.3576	Ave		0.3711				6.2		35.0			
2-Chloroethyl vinyl ether	+++++ 0.1922	0.1842 0.1843	0.1755	0.1771	0.1900	Ave		0.1839				3.6		35.0			
Epichlorohydrin	0.2342 0.1961	0.1919 0.1967	0.1992	0.1943	0.1937	Ave		0.2009				7.4		35.0			
cis-1,3-Dichloropropene	+++++ 0.6677	0.6737 0.6324	0.6434	0.6691	0.6535	Ave		0.6566				2.5		35.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.3248	2.5249 2.1996	2.3915	2.4539	2.3298	Ave		2.3708				4.8		35.0			
Toluene	+++++ 1.4136	1.6571 1.3035	1.4623	1.4860	1.4140	Ave		1.4561				8.0		35.0			
trans-1,3-Dichloropropene	+++++ 0.6126	0.5874 0.5871	0.5500	0.5817	0.5870	Ave		0.5843				3.4		35.0			
1,1,2-Trichloroethane	+++++ 0.3087	0.3201 0.2929	0.3058	0.3145	0.3032	Ave		0.3075				3.1		35.0			
Tetrachloroethene	+++++ 0.2995	0.3250 0.2846	0.3050	0.3139	0.2957	Ave		0.3040				4.7		35.0			
1,3-Dichloropropane	+++++ 0.5733	0.5906 0.5267	0.5638	0.5941	0.5618	Ave		0.5684				4.3		35.0			
2-Hexanone	+++++ 0.7708	0.8025 0.7485	0.7985	0.7659	0.7599	Ave		0.7744				2.8		35.0			
n-Butyl acetate	+++++ 0.6822	0.7005 0.6185	0.6750	0.6754	0.6833	Ave		0.6725				4.2		35.0			
Chlorodibromomethane	+++++ 0.3526	0.3142 0.3438	0.2913	0.3177	0.3272	Ave		0.3245				6.8		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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								
Ethylene Dibromide	+++++ 0.3287	0.3539 0.3138	0.3205	0.3418	0.3281	Ave		0.3311				4.4		35.0			
Chlorobenzene	+++++ 0.8488	0.9778 0.8037	0.8953	0.8913	0.8597	Ave		0.8794				6.7		35.0			
Ethylbenzene	+++++ 0.4539	0.4872 0.4276	0.4746	0.4635	0.4547	Ave		0.4602				4.4		35.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3140	0.2997 0.3059	0.2840	0.2911	0.3014	Ave		0.2994				3.6		35.0			
m-Xylene & p-Xylene	+++++ 0.5398	0.6526 0.5182	0.5793	0.5844	0.5629	Ave		0.5729				8.1		35.0			
o-Xylene	+++++ 0.5553	0.6253 0.5216	0.5970	0.5958	0.5609	Ave		0.5760				6.4		35.0			
n-Butyl acrylate	+++++ 0.2914	0.3093 0.2804	0.2789	0.2945	0.2920	Ave		0.2911				3.8		35.0			
Styrene	+++++ 0.9670	1.0947 0.9003	0.9706	1.0150	0.9761	Ave		0.9873				6.5		35.0			
Bromoform	+++++ 0.2331	0.1817 0.2378	0.1676	0.1942	0.2041	Ave		0.2031				13.7		35.0			
Amyl acetate (mixed isomers)	+++++ 1.4175	1.4998 1.2703	1.4384	1.5441	1.4905	Ave		1.4434				6.7		35.0			
Isopropylbenzene	+++++ 1.3496	1.5627 1.2559	1.4516	1.4309	1.3569	Ave		1.4013				7.5		35.0			
Bromobenzene	+++++ 0.6740	0.8172 0.6207	0.7224	0.7046	0.6781	Ave		0.7028				9.4		35.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8268	0.8664 0.7553	0.8300	0.8674	0.8346	Ave		0.8301				4.9		35.0			
N-Propylbenzene	+++++ 3.1276	3.7916 2.6720	3.4272	3.4296	3.3200	Ave		3.2947				11.3		35.0			
1,2,3-Trichloropropane	+++++ 0.1780	0.2076 0.1643	0.1914	0.1784	0.1779	Ave		0.1829				8.1		35.0			
2-Chlorotoluene	+++++ 2.2601	2.6322 2.0377	2.4238	2.4423	2.3222	Ave		2.3530				8.5		35.0			
1,3,5-Trimethylbenzene	+++++ 2.1559	2.4439 1.9099	2.2749	2.2387	2.1467	Ave		2.1950				8.0		35.0			
4-Chlorotoluene	+++++ 2.2325	2.5653 1.9452	2.3295	2.3136	2.2448	Ave		2.2718				8.8		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8781	0.8534 0.8106	0.8422	0.8741	0.8629	Ave		0.8536				2.9		35.0			
tert-Butylbenzene	+++++ 1.5914	1.8751 1.4237	1.7088	1.7194	1.6492	Ave		1.6612				9.0		35.0			
1,2,4-Trimethylbenzene	+++++ 2.2887	2.5492 2.0246	2.3446	2.3900	2.3326	Ave		2.3216				7.4		35.0			
sec-Butylbenzene	+++++ 2.3741	2.8107 2.1090	2.6187	2.5840	2.5118	Ave		2.5014				9.6		35.0			
1,3-Dichlorobenzene	+++++ 1.2436	1.3969 1.1161	1.2811	1.2823	1.2532	Ave		1.2622				7.1		35.0			
4-Isopropyltoluene	+++++ 2.0483	2.2948 1.7765	2.1083	2.1279	2.1032	Ave		2.0765				8.1		35.0			
1,4-Dichlorobenzene	+++++ 1.2918	1.4794 1.1734	1.3323	1.3469	1.3002	Ave		1.3207				7.5		35.0			
1,2,3-Trimethylbenzene	+++++ 2.4227	2.6600 2.1634	2.5226	2.5354	2.4625	Ave		2.4611				6.8		35.0			
Benzyl chloride	+++++ 1.5324	1.1978 1.4298	1.1713	1.3005	1.4001	Ave		1.3386				10.5		35.0			
n-Butylbenzene	+++++ 1.1420	1.3006 1.0007	1.2083	1.1842	1.1582	Ave		1.1657				8.4		35.0			
1,2-Dichlorobenzene	+++++ 1.2426	1.3874 1.1299	1.2675	1.2694	1.2277	Ave		1.2541				6.6		35.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1414	0.1227 0.1350	0.1289	0.1273	0.1307	Ave		0.1310				4.9		35.0			
1,2,4-Trichlorobenzene	+++++ 0.8142	0.9399 0.7370	0.7851	0.8069	0.8058	Ave		0.8148				8.3		35.0			
Hexachlorobutadiene	+++++ 0.2713	0.3049 0.2624	0.2951	0.2839	0.2697	Ave		0.2812				5.8		35.0			
Naphthalene	+++++ 2.0843	2.3701 1.8876	2.0494	2.1153	2.1200	Ave		2.1044				7.4		35.0			
1,2,3-Trichlorobenzene	+++++ 0.7547	0.8585 0.6977	0.7023	0.7466	0.7392	Ave		0.7498				7.8		35.0			
Dibromofluoromethane (Surr)	0.2307 0.2212	0.2280 0.2184	0.1858	0.2196	0.2183	Ave		0.2174				6.8		35.0			
1,2-Dichloroethane-d4 (Surr)	0.3106 0.3089	0.3104 0.3079	0.2565	0.2988	0.2996	Ave		0.2990				6.5		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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								
Toluene-d8 (Surr)	1.0614 1.1300	1.0765 1.0989	0.9081	1.1162	1.0965	Ave		1.0696				7.0		35.0			
4-Bromofluorobenzene	0.3593 0.3587	0.3657 0.3772	0.2999	0.3670	0.3570	Ave		0.3550				7.1		35.0			

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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-871602/3	J81262.D
Level 2	STD1 460-871602/4	J81263.D
Level 3	STD5 460-871602/5	J81264.D
Level 4	STD20 460-871602/6	J81265.D
Level 5	STD50 460-871602/7	J81266.D
Level 6	STD200 460-871602/8	J81267.D
Level 7	STD500 460-871602/9	J81268.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
Dichlorodifluoromethane	FB	Ave	+++++ 729408	3135 1850513	17424	64772	164101	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1002289	5140 2552636	24499	93533	234711	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 648672	3554 1591757	16302	63880	159015	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	809 627578	3290 1468363	16168	60887	148773	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 254644	1192 694129	5612	22670	56748	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 305622	1636 747795	8988	33037	78010	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 695233	3674 1695311	17621	67708	169536	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 1558853	7463 3417145	47440	175847	411174	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 59052	343 167008	1672	7465	18619	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 404180	2101 923063	9784	42021	103598	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 486738	2706 1136977	13635	50915	128379	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 405461	2032 975662	10924	41509	103015	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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
Acrolein	TBAd9	Ave	+++++ 72291	1455 141694	6575	11907	35021	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 383118	2462 934657	10419	40293	98642	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 846983	4181 1990820	17697	69593	184664	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Lin2	+++++ 521096	1661 1268801	6937	38539	116770	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 206503	737 581800	4753	18494	58764	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1494626	8234 3557940	36178	150419	388233	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 274694	1701 617231	7128	29320	71984	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 790377	4293 1830598	18802	79558	209052	+++++ 400	2.00 1000	10.0	40.0	100
Acetonitrile	TBAd9	Ave	+++++ 509290	2159 1564806	11227	48527	136774	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 485161	2897 1182036	12771	50896	122912	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 299960	1572 836237	6888	28129	82405	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1296415	6436 3098875	29418	126213	331676	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 435927	2817 1056563	11789	44943	111993	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	1806 1797357	9288 3980971	44070	186525	477492	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 591478	2681 1367564	14985	60667	152063	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++	9332	46632	197494	510990	+++++	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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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
			2003793	4614135				200	500			
1,1-Dichloroethane	FB	Ave	+++++ 998356	5781 2299176	27661	104968	261202	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 2479096	12134 5169943	62993	266416	637251	+++++ 400	2.00 1000	10.0	40.0	100
2,2-Dichloropropane	FB	Ave	+++++ 244978	1869 601291	6392	24706	62081	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 489556	2963 1197715	13004	49548	123461	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 241063	1254 579102	5342	21476	54251	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 101093	460 253434	2157	9516	24524	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 209701	1415 513653	5485	22138	54682	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 97840	326 229080	2437	9771	24978	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 881586	5159 2028735	23510	91370	225331	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 552748	2911 1328328	15181	57310	141932	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 711163	3942 1733938	18272	71090	176527	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 584066	2892 1484179	14263	56094	142869	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 683826	3598 1715702	17277	69378	173240	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 1877633	11308 4554246	49674	198090	492802	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1518941	6929 3686419	33852	144954	387065	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 750759	4268 1855837	19199	77775	189915	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 229923	1252 548849	5721	22700	57755	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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-Butanol	TBAd9	Ave	+++++ 196784	585 578875	3863	17245	55587	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 489095	3113 1231962	12567	48315	124583	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 595387	2758 1432134	14924	59856	150147	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1261596	6488 3038171	29444	122785	321873	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 586171	3583 1435525	15072	60458	149051	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 191705	937 479117	4325	18376	47148	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 55365	443 174106	1656	5130	16143	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 322712	2034 809742	8071	32438	81852	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 814239	3872 2037619	16727	76992	204392	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 694794	3667 1804834	16281	66063	167544	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 363490	1622 911082	7983	32686	89247	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1218 987405	4017 2438316	21548	88675	239367	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 966856	4660 2450122	22120	92114	234776	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2926389	13211 6818163	64689	280021	719589	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2046949	11462 5050245	50271	204579	507992	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 887130	4063 2274666	18907	80082	210875	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 446967	2214 1134865	10512	43294	108946	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 433721	2248 1102554	10485	43218	106239	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 830225	4085 2040410	19381	81788	201831	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 970278	4199 2320160	21600	87403	234708	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 987937	4845 2396191	23204	92982	245488	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 510623	2173 1331880	10015	43742	117568	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 475919	2448 1215875	11018	47055	117885	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1229142	6763 3113658	30778	122710	308874	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 657252	3370 1656518	16314	63813	163350	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 454722	2073 1185206	9762	40080	108277	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 781707	4514 2007832	19914	80463	202215	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 804180	4325 2020993	20522	82024	201515	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	+++++ 421915	2139 1086316	9588	40541	104902	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1400273	7572 3488106	33366	139738	350671	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 337489	1257 921147	5762	26732	73334	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1152166	5671 2911135	27264	116915	291831	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1954403	10809 4865564	49904	197001	487486	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 547850	3090 1422418	13692	53347	132774	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 672005	3276 1730998	15731	65677	163403	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2542113	14337 6123342	64960	259677	650039	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 144668	785 376478	3628	13508	34837	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1837011	9953 4669756	45940	184924	454681	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1752352	9241 4376970	43118	169505	420309	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1814584	9700 4457934	44154	175178	439529	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

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
Butyl Methacrylate	DCBd 4	Ave	+++++ 713743	3227 1857726	15963	66185	168959	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1293495	7090 3262653	32388	130184	322907	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1860268	9639 4639682	44439	180961	456709	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1929650	10628 4833209	49635	195651	491806	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1010832	5282 2557865	24283	97090	245368	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1664901	8677 4071140	39960	161116	411794	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1050024	5594 2689129	25252	101985	254577	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1969152	10058 4957957	47814	191974	482150	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1245583	4529 3276591	22201	98468	274141	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 928253	4918 2293278	22902	89665	226774	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1009974	5246 2589395	24024	96116	240378	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 114907	464 309301	2444	9639	25589	+++++ 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.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 661790	3554 1688922	14881	61096	157773	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 220516	1153 601278	5594	21498	52806	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1694112	8962 4325742	38845	160166	415085	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 613422	3246 1598850	13311	56533	144726	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	103108 104303	100153 107724	84338	101089	102265	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	138853 145667	136337 151860	116439	137585	140365	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	372868 409084	372297 425746	312172	384192	393919	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	126223 129852	126472 146141	103084	126311	128266	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-871602/3	J81262.D
Level 2	STD1 460-871602/4	J81263.D
Level 3	STD5 460-871602/5	J81264.D
Level 4	STD20 460-871602/6	J81265.D
Level 5	STD50 460-871602/7	J81266.D
Level 6	STD200 460-871602/8	J81267.D
Level 7	STD500 460-871602/9	J81268.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	+++++ 2.1	-2.9	4.5	-4.3	-4.7	5.2	30	50	30	30	30	30
Chloromethane	+++++ -2.4	10.3	1.8	-4.3	-5.6	0.2	30	50	30	30	30	30
Vinyl chloride	+++++ -8.5	14.7	1.8	-1.7	-3.8	-2.5	30	50	30	30	30	30
Butadiene	6.9 -12.1	10.6	5.2	-2.4	-6.3	-1.8	50 30	30	30	30	30	30
Bromomethane	+++++ 8.4	4.5	-4.8	-5.2	-6.7	3.9	30	50	30	30	30	30
Chloroethane	+++++ -12.8	7.0	13.8	3.1	-4.3	-6.9	30	50	30	30	30	30
Trichlorofluoromethane	+++++ -8.3	11.6	3.6	-1.9	-3.4	-1.6	30	50	30	30	30	30
Pentane	+++++ -20.8	-2.8	19.5	9.2	0.4	-5.5	30	50	30	30	30	30
Ethanol	+++++ -10.5	9.0	4.9	14.0	2.5	-19.9	30	50	30	30	30	30
Ethyl ether	+++++ -14.0	9.9	-0.9	4.9	1.6	-1.5	30	50	30	30	30	30
2-Methyl-1,3-butadiene	+++++ -16.0	12.2	9.4	0.7	-0.2	-6.0	30	50	30	30	30	30
1,1,2-Trichloro-1,2,2-trifluoroeth ane	+++++ -10.8	4.3	8.6	1.7	-0.8	-3.0	30	50	30	30	30	30
Acrolein	+++++ -4.9	15.8	3.3	-8.9	-3.4	-1.7	30	50	30	30	30	30
1,1-Dichloroethene	+++++ -14.6	26.3	3.4	-1.4	-5.1	-8.5	30	50	30	30	30	30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	+++++ -3.1	20.6	-1.3	-8.0	-9.8	1.5	30	50	30	30	30	30
Iodomethane	+++++ 9.4	6.2	-29.9	-9.8	6.5	17.5	30	50	30	30	30	30
Isopropyl alcohol	+++++ 8.1	-18.8	3.4	-2.1	12.2	-2.8	30	50	30	30	30	30
Carbon disulfide	+++++ -11.6	14.9	-2.3	0.1	1.6	-2.9	30	50	30	30	30	30
3-Chloro-1-propene	+++++ -19.6	24.3	0.9	2.2	-1.3	-6.5	30	50	30	30	30	30
Methyl acetate	+++++ -13.4	14.0	-3.3	0.8	4.1	-2.2	30	50	30	30	30	30
Acetonitrile	+++++ 14.0	-6.8	-4.3	0.7	2.4	-6.0	30	50	30	30	30	30
Methylene Chloride	+++++ -12.7	20.2	2.5	0.7	-4.4	-6.3	30	50	30	30	30	30
2-Methyl-2-propanol	+++++ 0.7	12.2	-2.9	-3.5	2.0	-8.5	30	50	30	30	30	30
Methyl tert-butyl ether	+++++ -7.8	7.5	-4.9	0.5	3.9	0.8	30	50	30	30	30	30
trans-1,2-Dichloroethene	+++++ -14.8	27.5	3.3	-3.0	-4.9	-8.1	30	50	30	30	30	30
Acrylonitrile	6.2 -19.7	11.1	4.1	7.3	-1.0	-8.1	50 30	30	30	30	30	30
Hexane	+++++ -11.5	-2.6	5.4	5.1	3.6	0.1	30	50	30	30	30	30
Isopropyl ether	+++++ -10.2	2.0	-1.4	2.9	4.7	2.0	30	50	30	30	30	30
1,1-Dichloroethane	+++++ -17.5	16.5	7.9	0.9	-1.3	-6.3	30	50	30	30	30	30
Vinyl acetate	+++++ -20.8	4.4	4.9	9.3	2.8	-0.7	30	50	30	30	30	30
2,2-Dichloropropane	+++++ -16.1	46.4	-3.1	-7.7	-8.8	-10.6	30	50	30	30	30	30
cis-1,2-Dichloroethene	+++++ -12.2	22.0	3.6	-2.7	-4.7	-6.1	30	50	30	30	30	30
2-Butanone (MEK)	+++++ -5.0	21.9	0.5	-4.3	-10.6	-2.6	30	50	30	30	30	30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl acetate	+++++ -0.4	7.1	-2.9	1.6	-3.3	-2.2	30	50	30	30	30	30
Chlorobromomethane	+++++ -14.9	31.6	-1.2	-1.8	-4.6	-9.1	30	50	30	30	30	30
Tetrahydrofuran	+++++ -5.8	-20.5	14.9	9.2	3.1	-0.9	30	50	30	30	30	30
Chloroform	+++++ -16.7	19.0	5.0	0.5	-2.5	-5.3	30	50	30	30	30	30
Cyclohexane	+++++ -12.3	7.9	8.9	1.3	-1.3	-4.6	30	50	30	30	30	30
1,1,1-Trichloroethane	+++++ -10.0	14.9	3.1	-1.1	-3.5	-3.4	30	50	30	30	30	30
Carbon tetrachloride	+++++ -3.1	6.0	1.2	-1.9	-1.8	-0.3	30	50	30	30	30	30
1,1-Dichloropropene	+++++ -7.1	9.4	1.6	0.6	-1.3	-3.2	30	50	30	30	30	30
Benzene	+++++ -15.7	17.3	3.7	3.2	-1.6	-7.0	30	50	30	30	30	30
Isopropyl acetate	+++++ -4.6	0.7	-4.8	0.5	5.5	2.8	30	50	30	30	30	30
1,2-Dichloroethane	+++++ -10.1	16.1	1.1	0.9	-3.1	-4.9	30	50	30	30	30	30
n-Heptane	+++++ -10.8	14.3	1.1	-1.2	-1.2	-2.3	30	50	30	30	30	30
n-Butanol	+++++ 18.2	-29.2	-7.7	0.3	16.6	1.7	30	50	30	30	30	30
Trichloroethene	+++++ -10.2	27.4	-0.4	-5.7	-4.4	-6.8	30	50	30	30	30	30
Methylcyclohexane	+++++ -8.0	-0.6	4.2	2.9	1.5	0.0	30	50	30	30	30	30
Ethyl acrylate	+++++ -8.2	10.1	-3.3	-0.6	2.4	-0.3	30	50	30	30	30	30
1,2-Dichloropropane	+++++ -12.2	23.1	0.2	-0.9	-4.0	-6.2	30	50	30	30	30	30
Methyl methacrylate	+++++ -3.0	6.5	-4.9	-0.4	0.4	1.4	30	50	30	30	30	30
1,4-Dioxane	+++++ -0.1	-33.9	29.7	-1.1	13.2	-7.9	30	50	30	30	30	30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dibromomethane	+++++ -10.1	26.8	-2.6	-3.5	-4.3	-6.3	30	50	30	30	30	30
n-Propyl acetate	+++++ -1.2	5.4	-11.8	0.0	4.4	3.2	30	50	30	30	30	30
Dichlorobromomethane	+++++ -1.4	12.5	-3.3	-3.3	-3.6	-0.8	30	50	30	30	30	30
2-Chloroethyl vinyl ether	+++++ 0.2	0.2	-4.6	-3.7	3.4	4.5	30	50	30	30	30	30
Epichlorohydrin	16.6 -2.1	-4.4	-0.9	-3.3	-3.5	-2.4	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	+++++ -3.7	2.6	-2.0	1.9	-0.5	1.7	30	50	30	30	30	30
4-Methyl-2-pentanone (MIBK)	+++++ -7.2	6.5	0.9	3.5	-1.7	-1.9	30	50	30	30	30	30
Toluene	+++++ -10.5	13.8	0.4	2.1	-2.9	-2.9	30	50	30	30	30	30
trans-1,3-Dichloropropene	+++++ 0.5	0.5	-5.9	-0.4	0.5	4.8	30	50	30	30	30	30
1,1,2-Trichloroethane	+++++ -4.7	4.1	-0.6	2.3	-1.4	0.4	30	50	30	30	30	30
Tetrachloroethene	+++++ -6.4	6.9	0.3	3.3	-2.7	-1.5	30	50	30	30	30	30
1,3-Dichloropropane	+++++ -7.3	3.9	-0.8	4.5	-1.2	0.9	30	50	30	30	30	30
2-Hexanone	+++++ -3.3	3.6	3.1	-1.1	-1.9	-0.5	30	50	30	30	30	30
n-Butyl acetate	+++++ -8.0	4.2	0.4	0.4	1.6	1.5	30	50	30	30	30	30
Chlorodibromomethane	+++++ 5.9	-3.2	-10.2	-2.1	0.9	8.7	30	50	30	30	30	30
Ethylene Dibromide	+++++ -5.2	6.9	-3.2	3.2	-0.9	-0.7	30	50	30	30	30	30
Chlorobenzene	+++++ -8.6	11.2	1.8	1.4	-2.2	-3.5	30	50	30	30	30	30
Ethylbenzene	+++++ -7.1	5.9	3.1	0.7	-1.2	-1.4	30	50	30	30	30	30
1,1,1,2-Tetrachloroethane	+++++ 2.2	0.1	-5.1	-2.7	0.7	4.9	30	50	30	30	30	30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m-Xylene & p-Xylene	+++++ -9.5	13.9	1.1	2.0	-1.7	-5.8	30	50	30	30	30	30
o-Xylene	+++++ -9.4	8.6	3.6	3.4	-2.6	-3.6	30	50	30	30	30	30
n-Butyl acrylate	+++++ -3.7	6.2	-4.2	1.2	0.3	0.1	30	50	30	30	30	30
Styrene	+++++ -8.8	10.9	-1.7	2.8	-1.1	-2.1	30	50	30	30	30	30
Bromoform	+++++ 17.1	-10.5	-17.5	-4.4	0.5	14.8	30	50	30	30	30	30
Amyl acetate (mixed isomers)	+++++ -12.0	3.9	-0.3	7.0	3.3	-1.8	30	50	30	30	30	30
Isopropylbenzene	+++++ -10.4	11.5	3.6	2.1	-3.2	-3.7	30	50	30	30	30	30
Bromobenzene	+++++ -11.7	16.3	2.8	0.2	-3.5	-4.1	30	50	30	30	30	30
1,1,2,2-Tetrachloroethane	+++++ -9.0	4.4	0.0	4.5	0.5	-0.4	30	50	30	30	30	30
N-Propylbenzene	+++++ -18.9	15.1	4.0	4.1	0.8	-5.1	30	50	30	30	30	30
1,2,3-Trichloropropane	+++++ -10.2	13.5	4.6	-2.5	-2.7	-2.7	30	50	30	30	30	30
2-Chlorotoluene	+++++ -13.4	11.9	3.0	3.8	-1.3	-4.0	30	50	30	30	30	30
1,3,5-Trimethylbenzene	+++++ -13.0	11.3	3.6	2.0	-2.2	-1.8	30	50	30	30	30	30
4-Chlorotoluene	+++++ -14.4	12.9	2.5	1.8	-1.2	-1.7	30	50	30	30	30	30
Butyl Methacrylate	+++++ -5.0	0.0	-1.3	2.4	1.1	2.9	30	50	30	30	30	30
tert-Butylbenzene	+++++ -14.3	12.9	2.9	3.5	-0.7	-4.2	30	50	30	30	30	30
1,2,4-Trimethylbenzene	+++++ -12.8	9.8	1.0	2.9	0.5	-1.4	30	50	30	30	30	30
sec-Butylbenzene	+++++ -15.7	12.4	4.7	3.3	0.4	-5.1	30	50	30	30	30	30
1,3-Dichlorobenzene	+++++ -11.6	10.7	1.5	1.6	-0.7	-1.5	30	50	30	30	30	30

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

Lab Name: Eurofins Edison Job No.: 460-268503-1 Analy Batch No.: 871602

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2022 23:30 Calibration End Date: 10/13/2022 02:01 Calibration ID: 91516

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
4-Isopropyltoluene	+++++ -14.4	10.5	1.5	2.5	1.3	-1.4	30	50	30	30	30	30
1,4-Dichlorobenzene	+++++ -11.2	12.0	0.9	2.0	-1.6	-2.2	30	50	30	30	30	30
1,2,3-Trimethylbenzene	+++++ -12.1	8.1	2.5	3.0	0.1	-1.6	30	50	30	30	30	30
Benzyl chloride	+++++ 6.8	-10.5	-12.5	-2.9	4.6	14.5	30	50	30	30	30	30
n-Butylbenzene	+++++ -14.2	11.6	3.7	1.6	-0.6	-2.0	30	50	30	30	30	30
1,2-Dichlorobenzene	+++++ -9.9	10.6	1.1	1.2	-2.1	-0.9	30	50	30	30	30	30
1,2-Dibromo-3-Chloropropane	+++++ 3.0	-6.3	-1.6	-2.8	-0.2	7.9	30	50	30	30	30	30
1,2,4-Trichlorobenzene	+++++ -9.6	15.4	-3.6	-1.0	-1.1	-0.1	30	50	30	30	30	30
Hexachlorobutadiene	+++++ -6.7	8.4	4.9	1.0	-4.1	-3.5	30	50	30	30	30	30
Naphthalene	+++++ -10.3	12.6	-2.6	0.5	0.7	-1.0	30	50	30	30	30	30
1,2,3-Trichlorobenzene	+++++ -7.0	14.5	-6.3	-0.4	-1.4	0.7	30	50	30	30	30	30
Dibromofluoromethane (Surr)	6.1 0.5	4.9	-14.5	1.0	0.4	1.7	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	3.9 3.0	3.8	-14.2	0.0	0.2	3.3	50 30	30	30	30	30	30
Toluene-d8 (Surr)	-0.8 2.7	0.6	-15.1	4.4	2.5	5.6	50 30	30	30	30	30	30
4-Bromofluorobenzene	1.2 6.3	3.0	-15.5	3.4	0.6	1.0	50 30	30	30	30	30	30

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 12-Oct-2022 23:30:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0151655-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:01:44 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 12-Oct-2022 23:54:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.375	1.376	-0.001	90	809	0.2500	0.2671	
* 30 TBA-d9 (IS)	65	2.409	2.410	-0.001	75	177682	1000.0	1000.0	
35 Acrylonitrile	53	2.641	2.635	0.006	86	1806	2.00	2.12	
* 43 2-Butanone-d5	46	3.322	3.323	-0.001	85	260052	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.754	3.754	0.000	95	103108	50.0	53.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.082	4.083	-0.001	0	138853	50.0	52.0	
* 66 Fluorobenzene	96	4.344	4.345	-0.001	97	447005	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	23304	1000.0	1000.0	
80 Epichlorohydrin	57	5.749	5.750	-0.001	63	1218	5.00	5.83	
$ 83 Toluene-d8 (Surr)	98	6.060	6.060	0.000	97	372868	50.0	49.6	
* 94 Chlorobenzene-d5	117	8.012	8.013	-0.001	92	351311	50.0	50.0	
96 Ethylbenzene	106	8.158	8.153	0.005	1	71		0.0220	
$ 105 4-Bromofluorobenzene	174	9.332	9.333	-0.001	84	126223	50.0	50.6	
* 121 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	98	190101	50.0	50.0	
S 138 Total BTEX	1				0			0.0220	

QC Flag Legend
Processing Flags

Reagents:

8260MIX1COMB_00160	Amount Added:	0.00	Units: uL	
524freon_00058	Amount Added:	0.00	Units: uL	
ACROLEIN W_00145	Amount Added:	0.00	Units: uL	
GASES Li_00497	Amount Added:	2.50	Units: uL	
14DIOXINTER_00146	Amount Added:	0.00	Units: uL	
GAS Hi_00426	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00105	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	0.00	Units: uL	
MIX I Hi_00155	Amount Added:	0.00	Units: uL	
8FreonHi_00049	Amount Added:	0.00	Units: uL	
Ethanol mix_00069	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

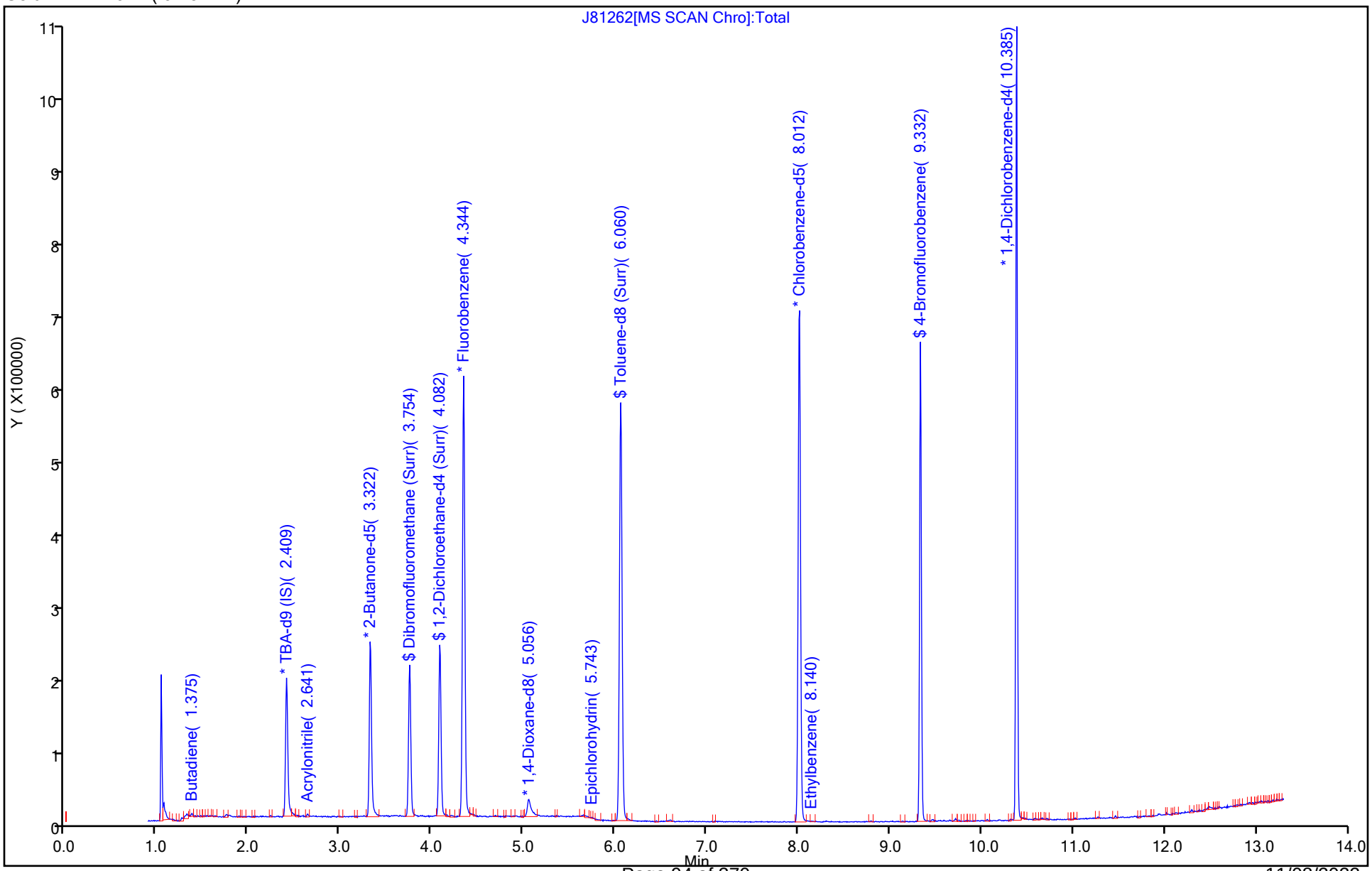
Report Date: 14-Oct-2022 16:01:48 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D

Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



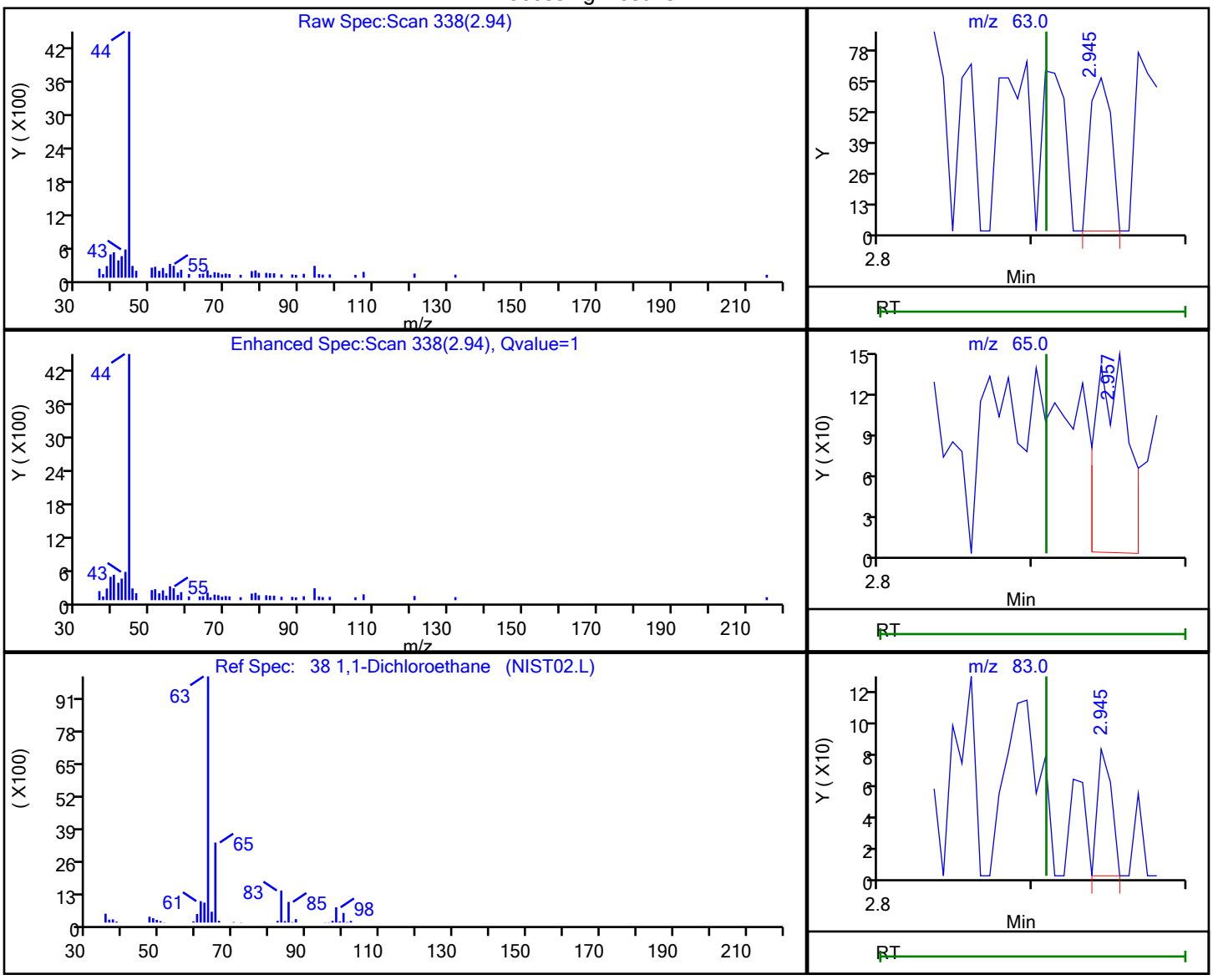
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
2.94	63.00	63	0.012472
2.96	65.00	212	
2.94	83.00	51	

Reviewer: W9CM, 14-Oct-2022 15:01:33

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

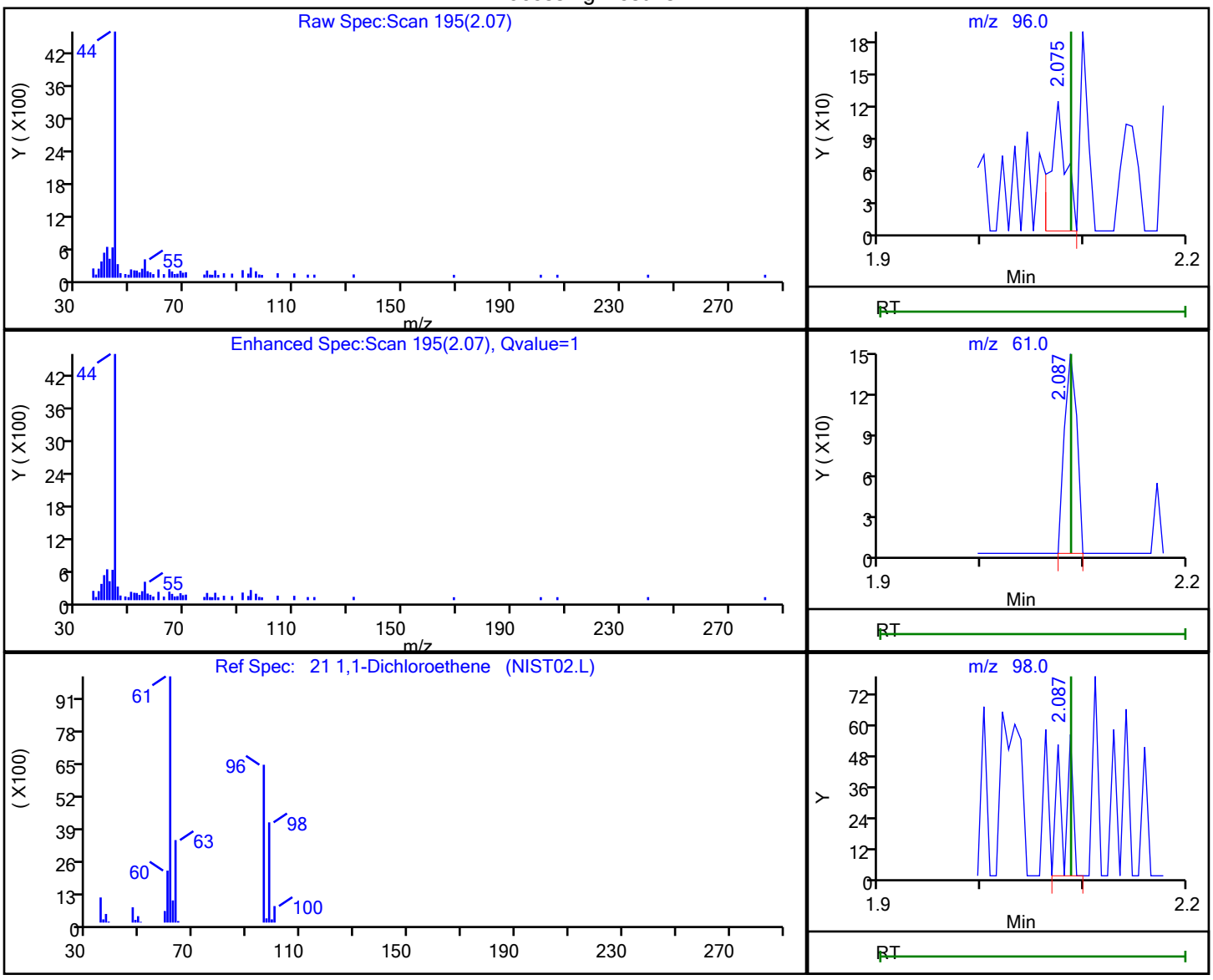
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
2.07	96.00	124	0.062493
2.09	61.00	120	
2.09	98.00	39	
2.07	63.00	35	

Reviewer: W9CM, 14-Oct-2022 15:00:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

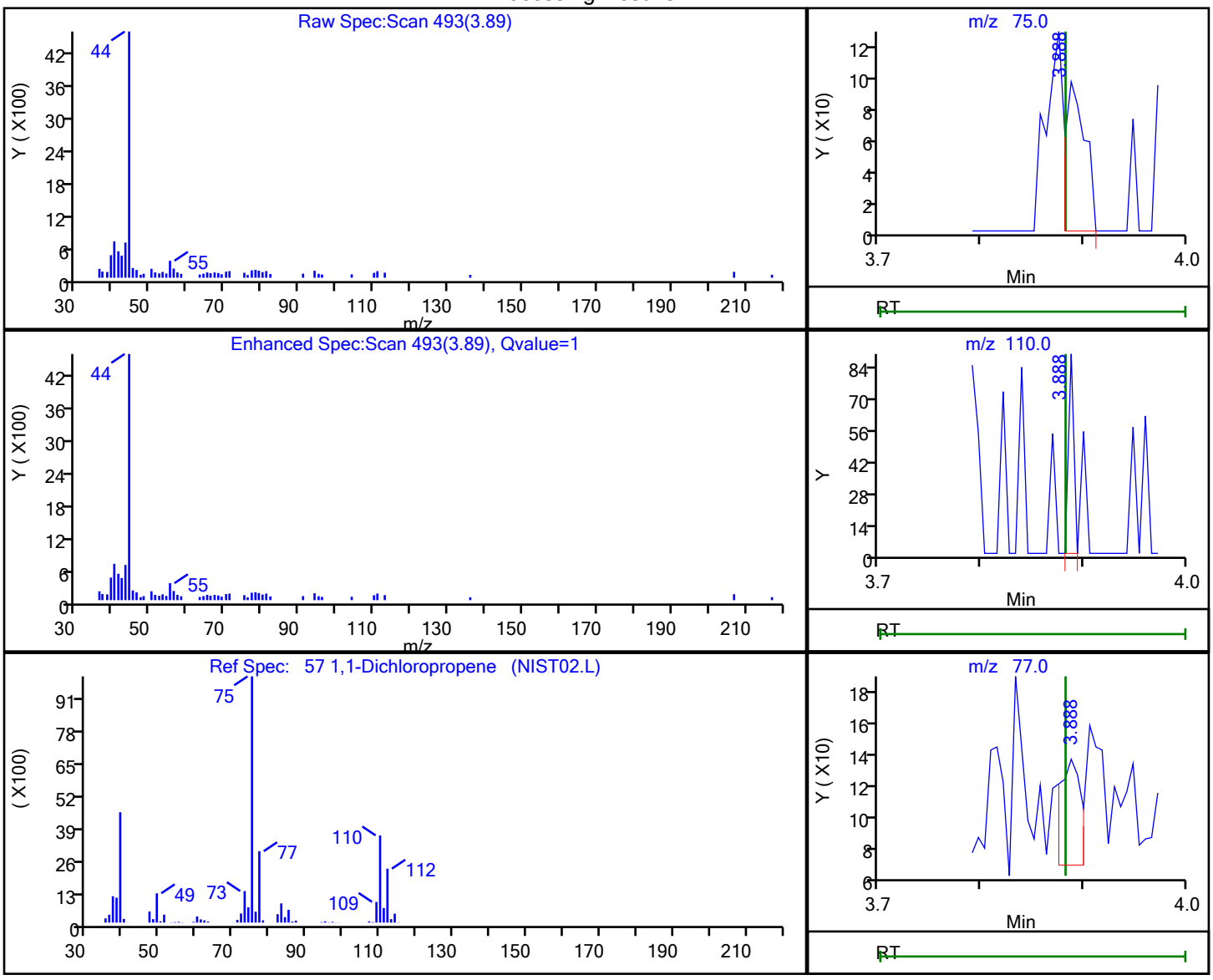
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
3.89	75.00	124	0.037037
3.89	110.00	33	
3.89	77.00	100	

Reviewer: W9CM, 14-Oct-2022 15:02:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

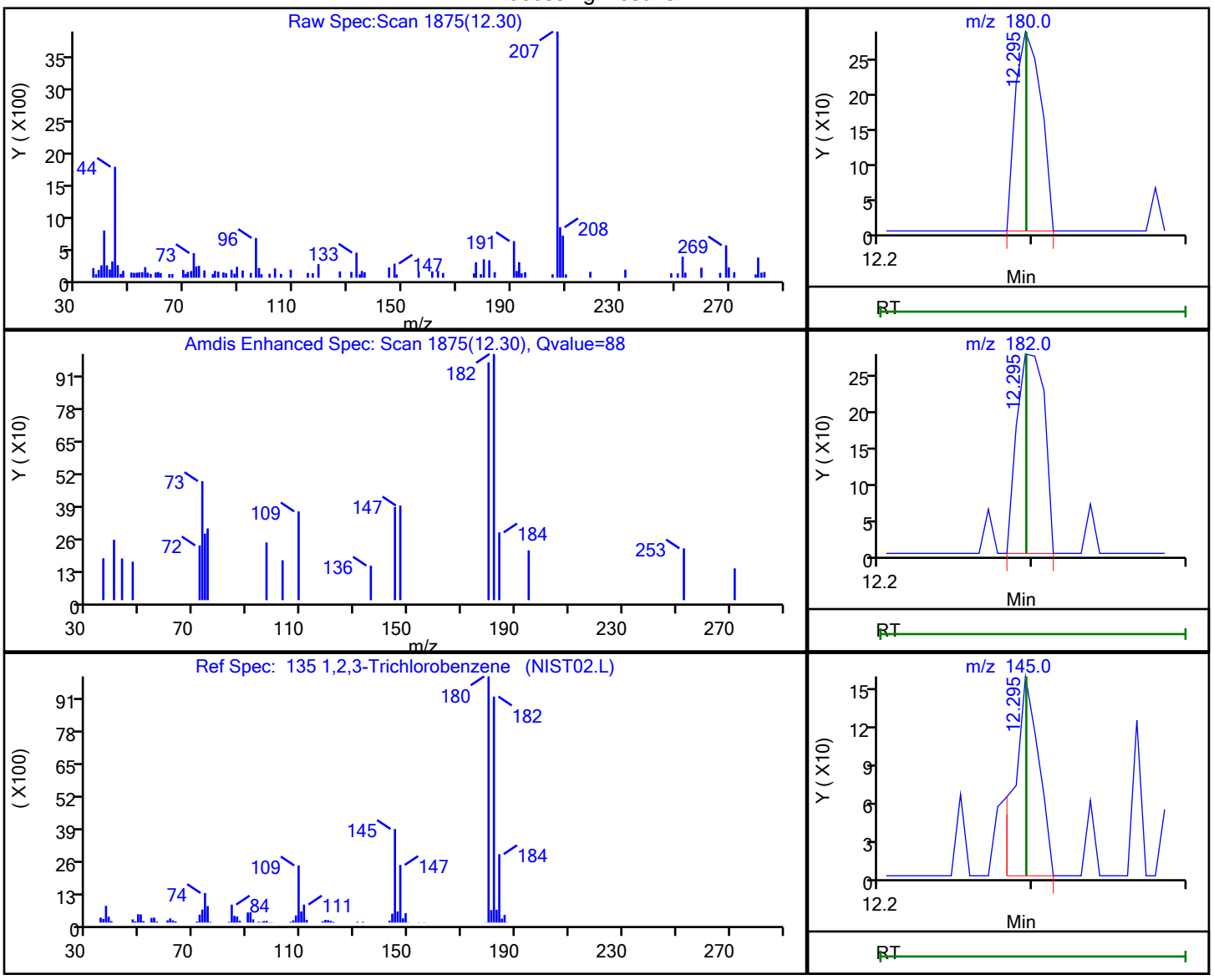
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
12.30	180.00	331	0.116107
12.30	182.00	341	
12.30	145.00	173	

Reviewer: W9CM, 14-Oct-2022 15:03:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

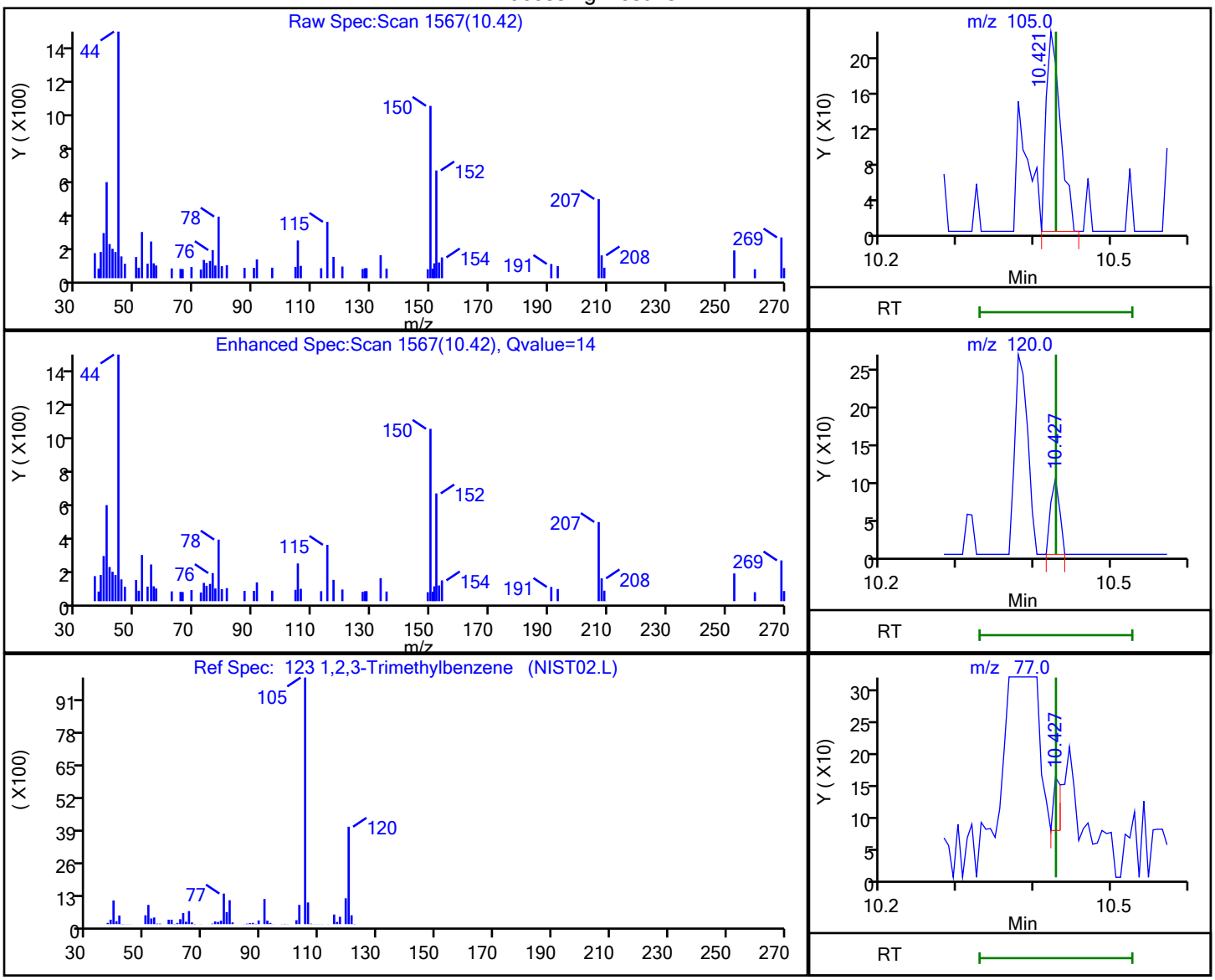
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.42	105.00	288	0.030779
10.43	120.00	82	
10.43	77.00	58	

Reviewer: W9CM, 14-Oct-2022 15:03:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

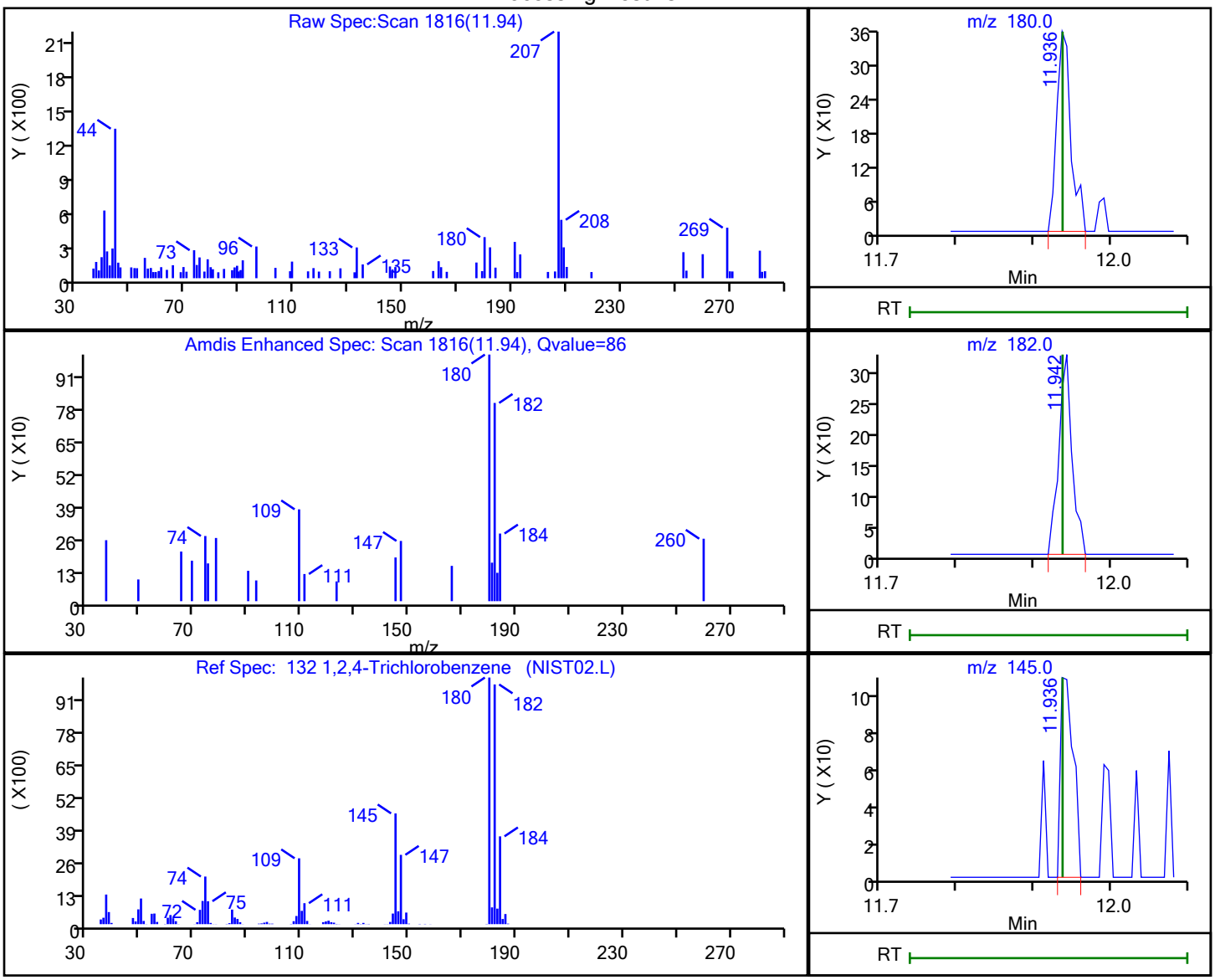
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.94	180.00	458	0.147840
11.94	182.00	389	
11.94	145.00	118	

Reviewer: W9CM, 14-Oct-2022 15:03:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

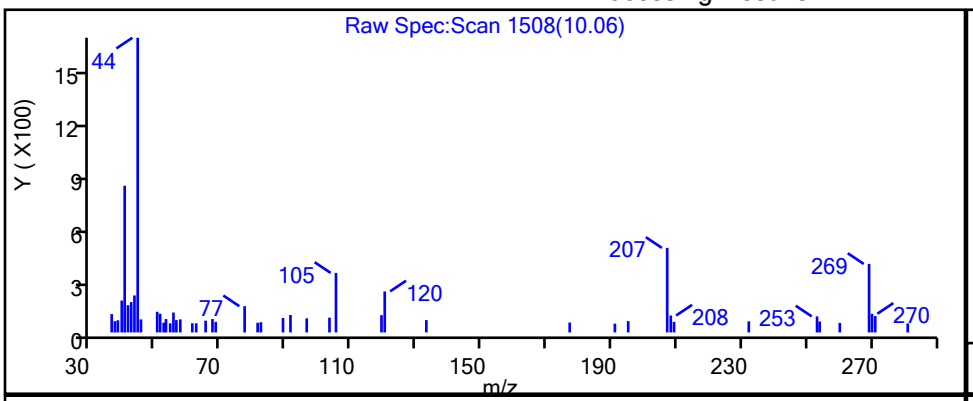
User Disabled Compound Report

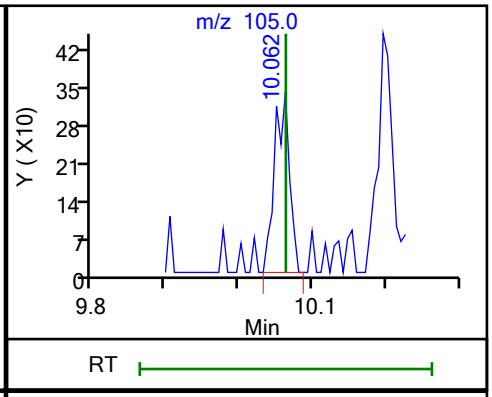
Eurofins Edison

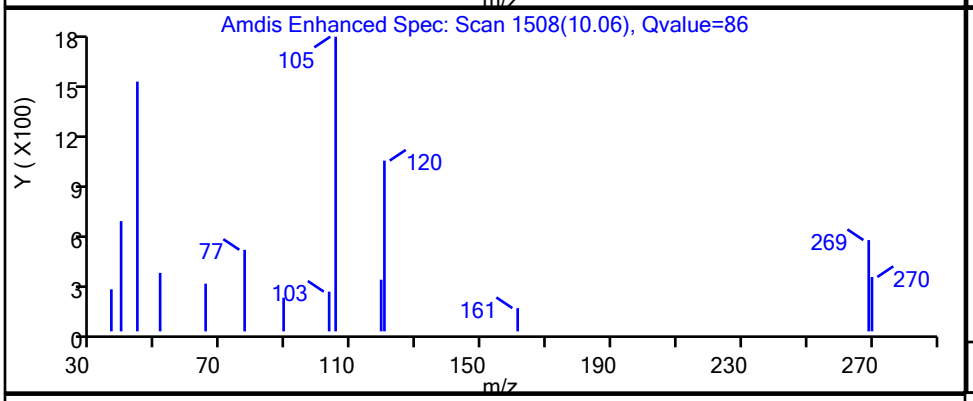
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

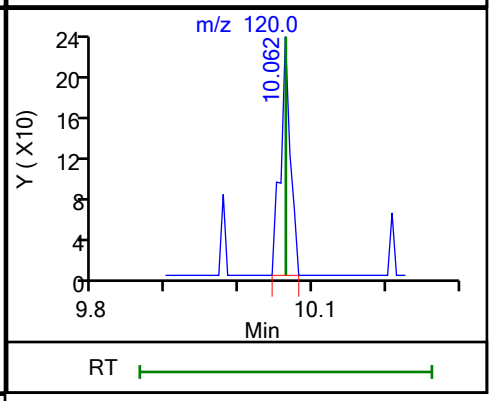
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

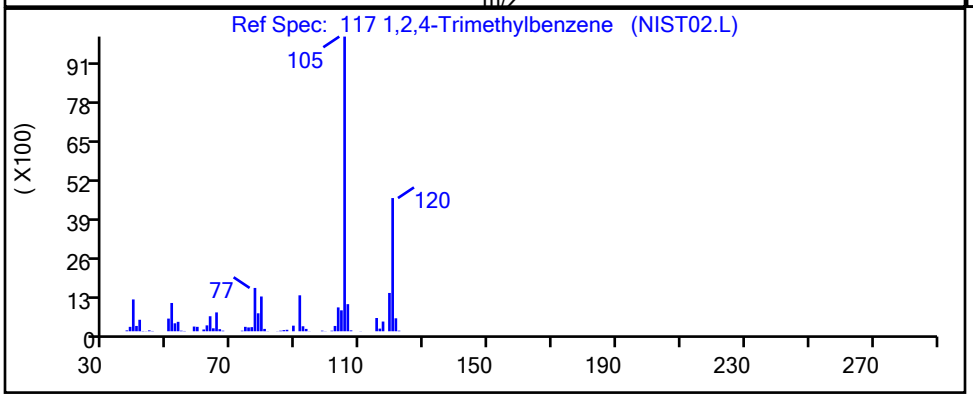
Processing Results











RT	Mass	Response	Amount
10.06	105.00	479	0.054267
10.06	120.00	218	

Reviewer: W9CM, 14-Oct-2022 15:02:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

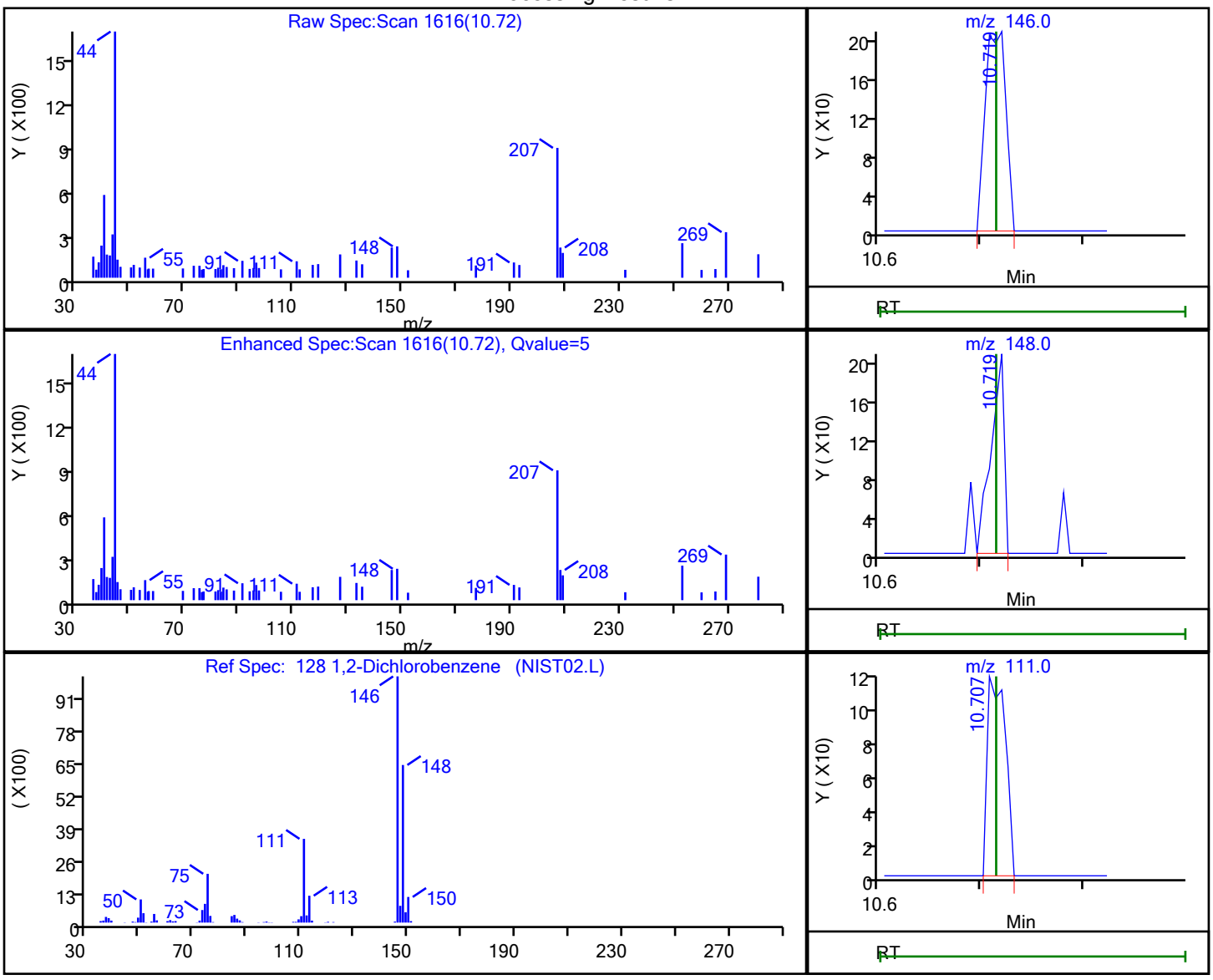
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.72	146.00	284	0.059564
10.72	148.00	187	
10.71	111.00	145	

Reviewer: W9CM, 14-Oct-2022 15:03:14

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

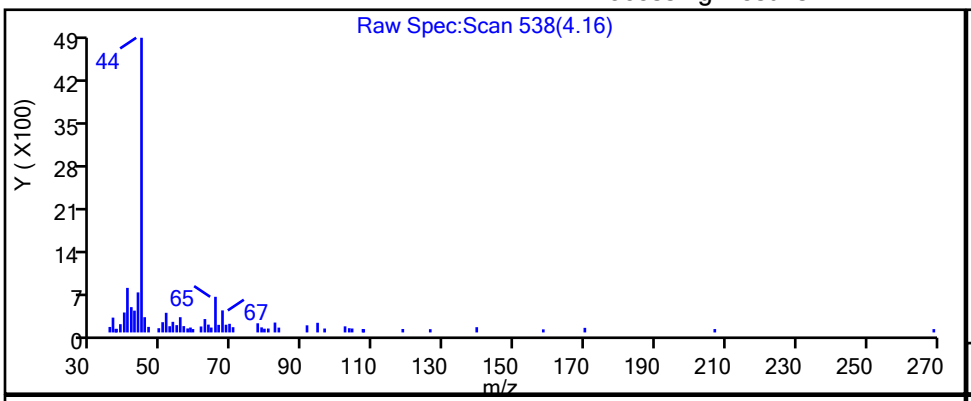
User Disabled Compound Report

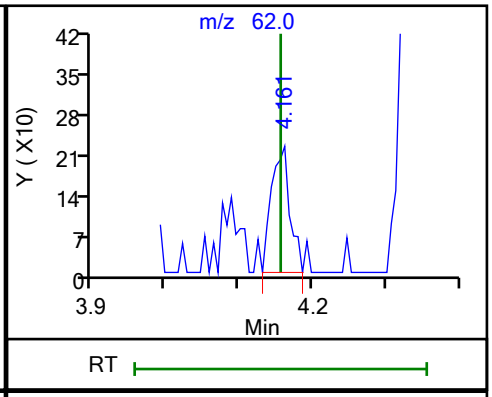
Eurofins Edison

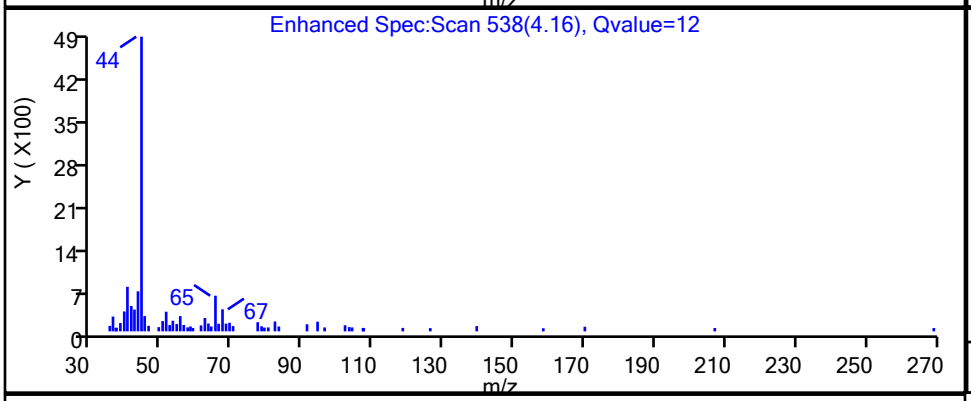
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

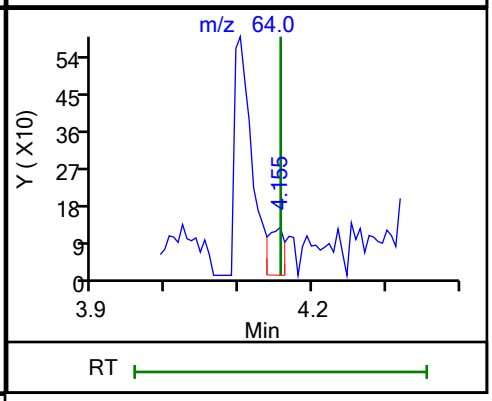
64 1,2-Dichloroethane, CAS: 107-06-2

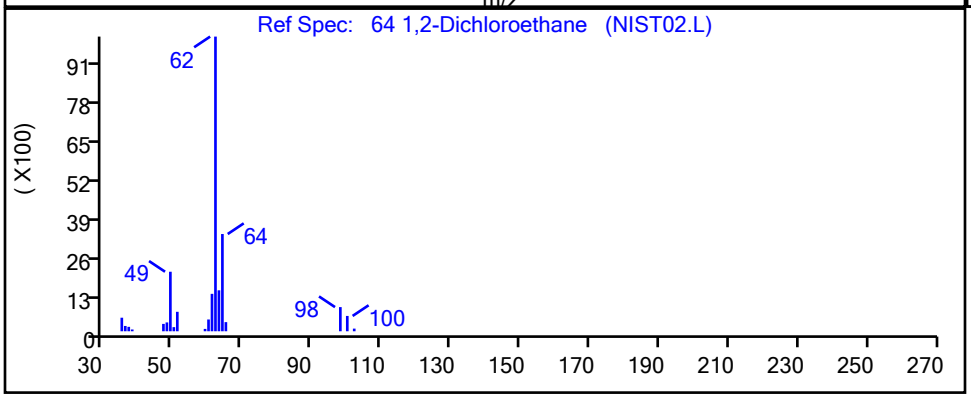
Processing Results











RT	Mass	Response	Amount
4.16	62.00	390	0.104253
4.16	64.00	184	

Reviewer: W9CM, 14-Oct-2022 15:02:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

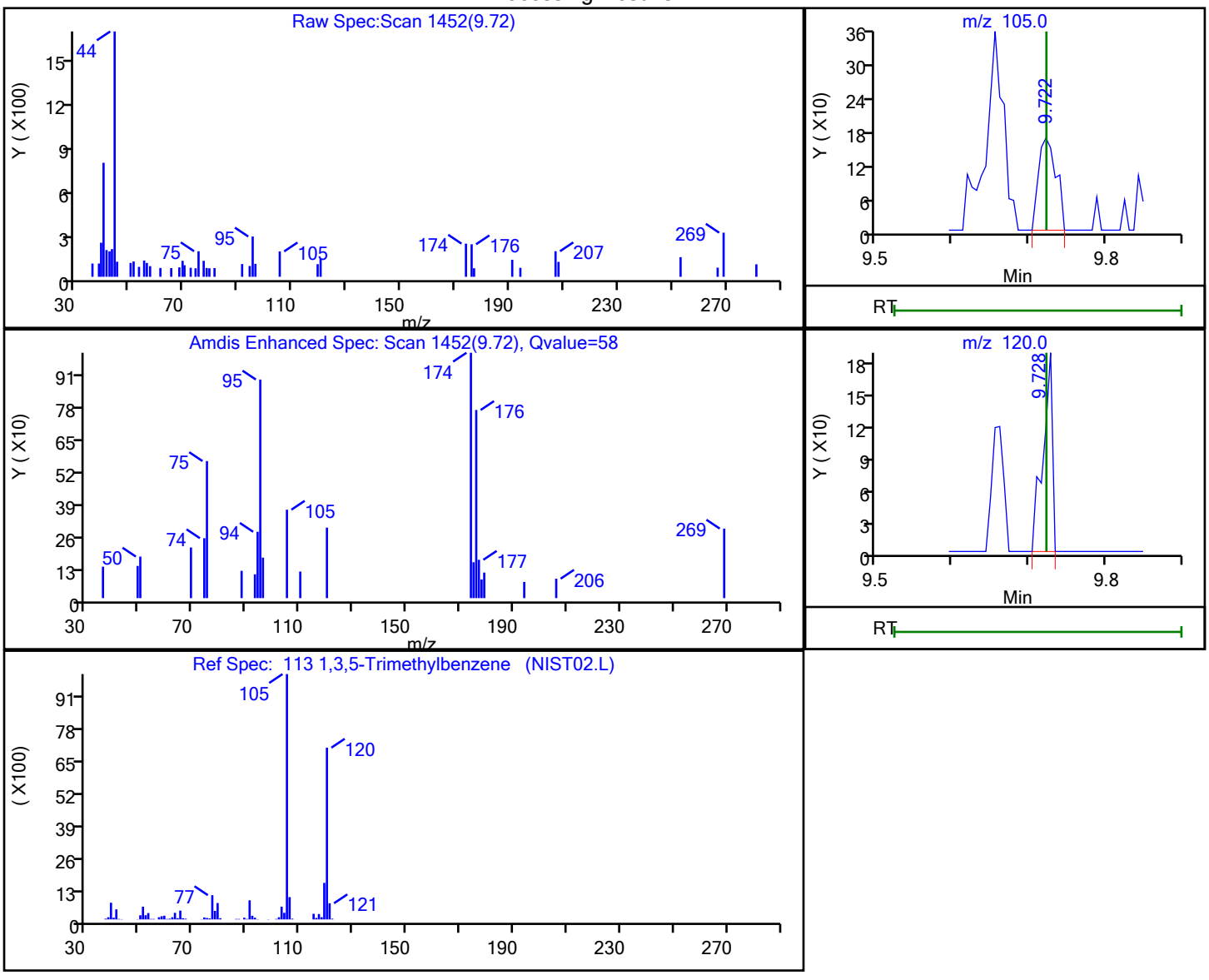
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.72	105.00	269	0.032233
9.73	120.00	159	

Reviewer: W9CM, 14-Oct-2022 15:02:51

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

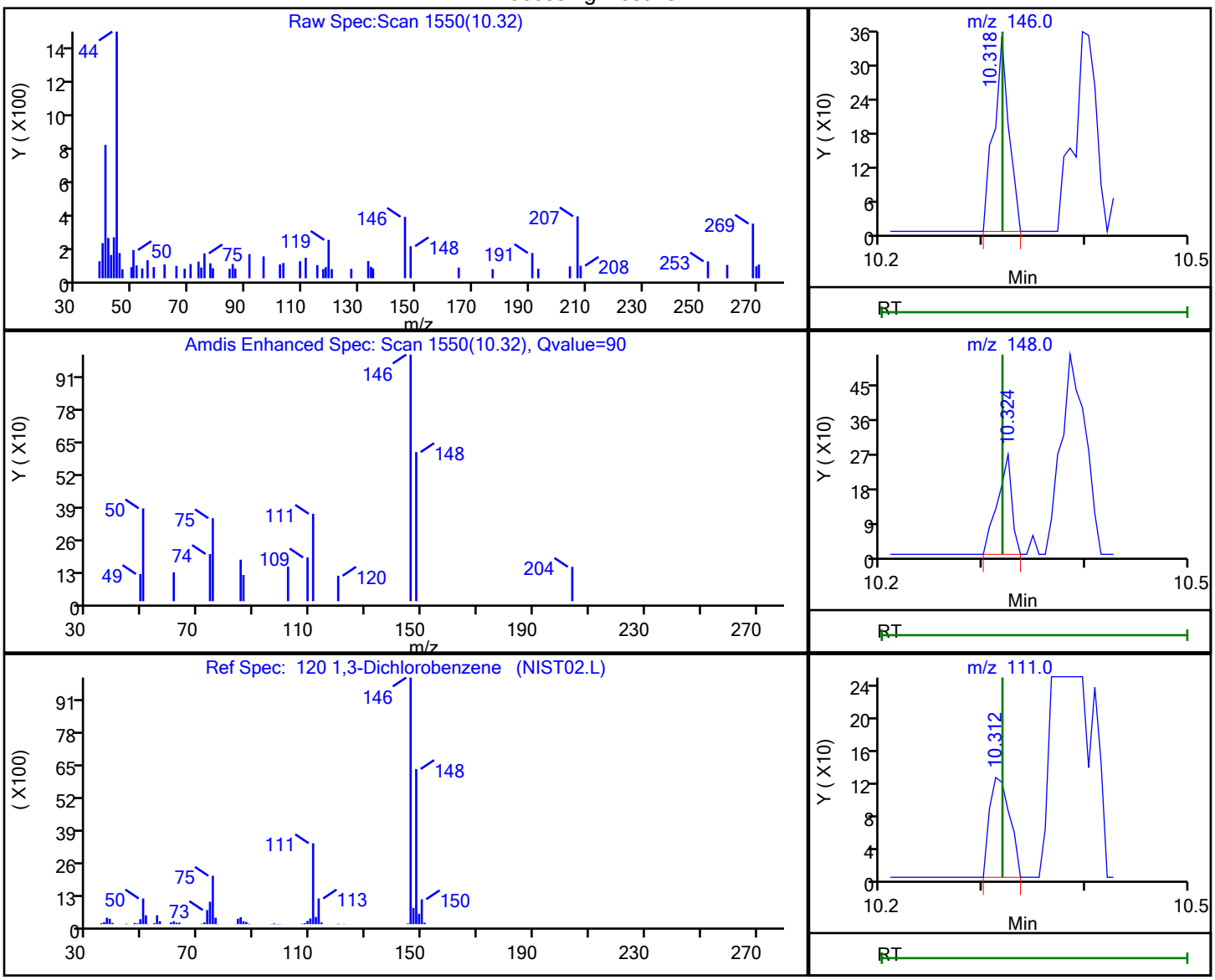
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.32	146.00	359	0.074808
10.32	148.00	258	
10.31	111.00	169	

Reviewer: W9CM, 14-Oct-2022 15:03:01

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

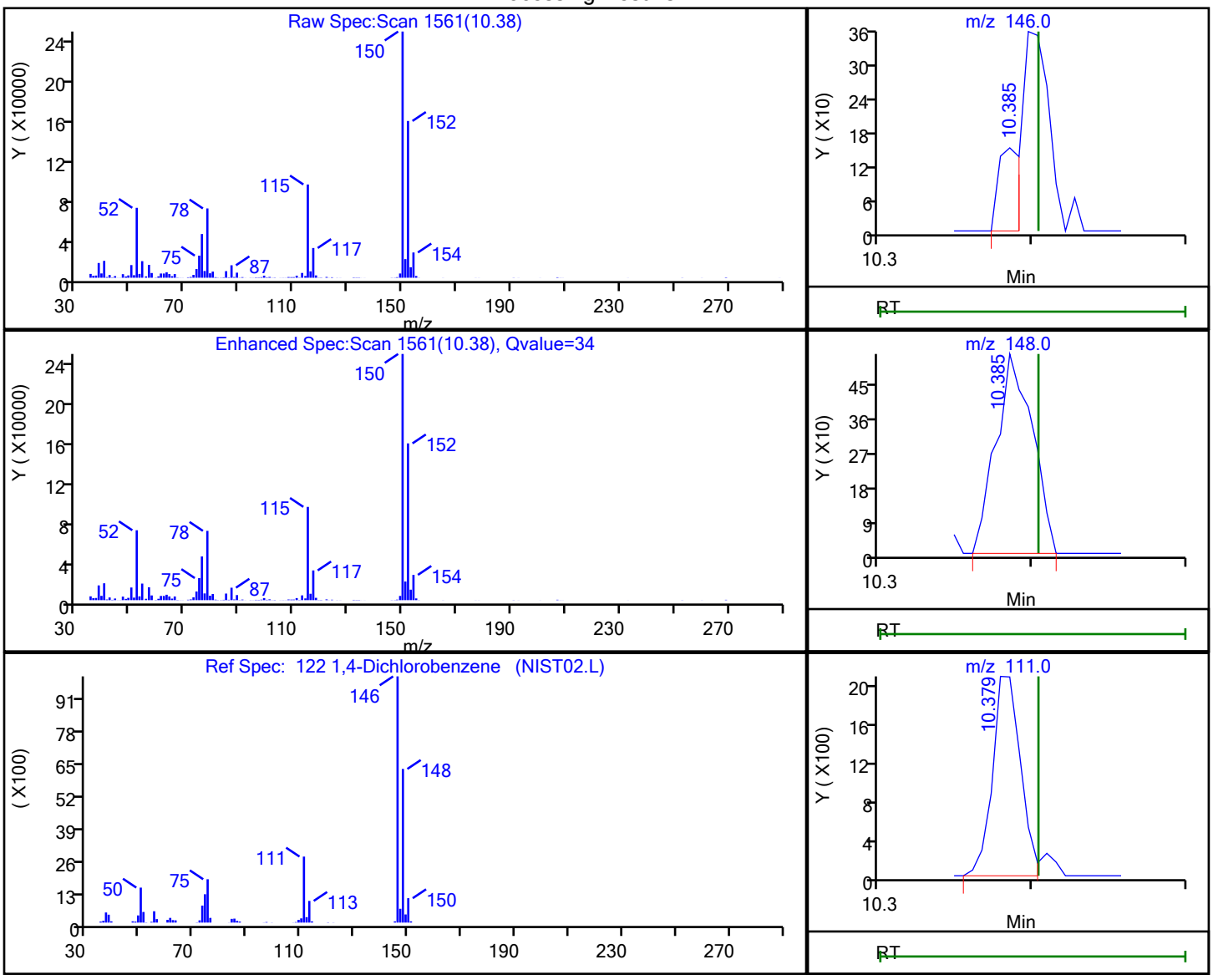
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.38	146.00	153	0.030470
10.38	148.00	881	
10.38	111.00	2659	

Reviewer: W9CM, 14-Oct-2022 15:03:05

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

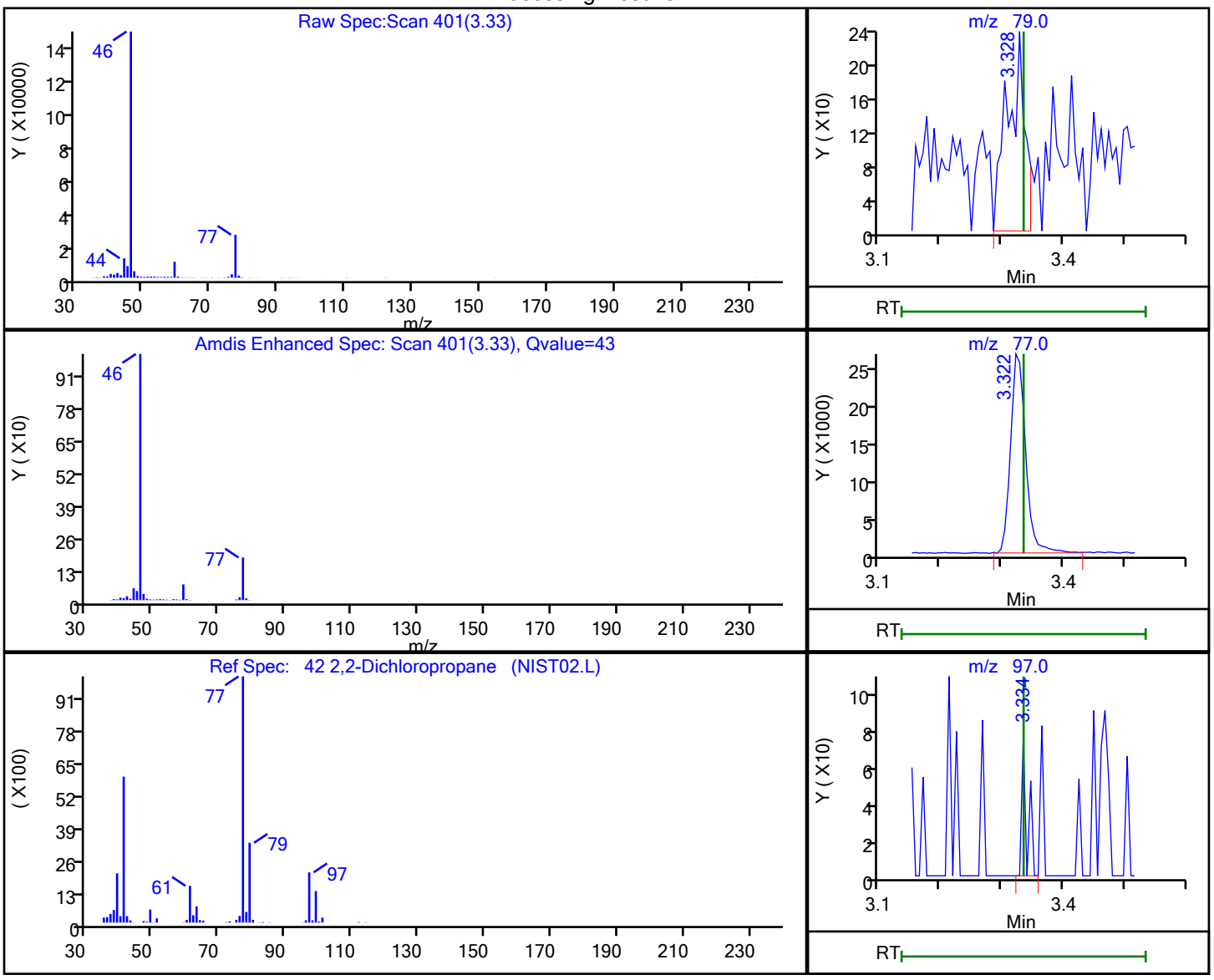
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

42 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
3.33	79.00	464	0.384535
3.32	77.00	44855	
3.33	97.00	45	

Reviewer: W9CM, 14-Oct-2022 15:01:39

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

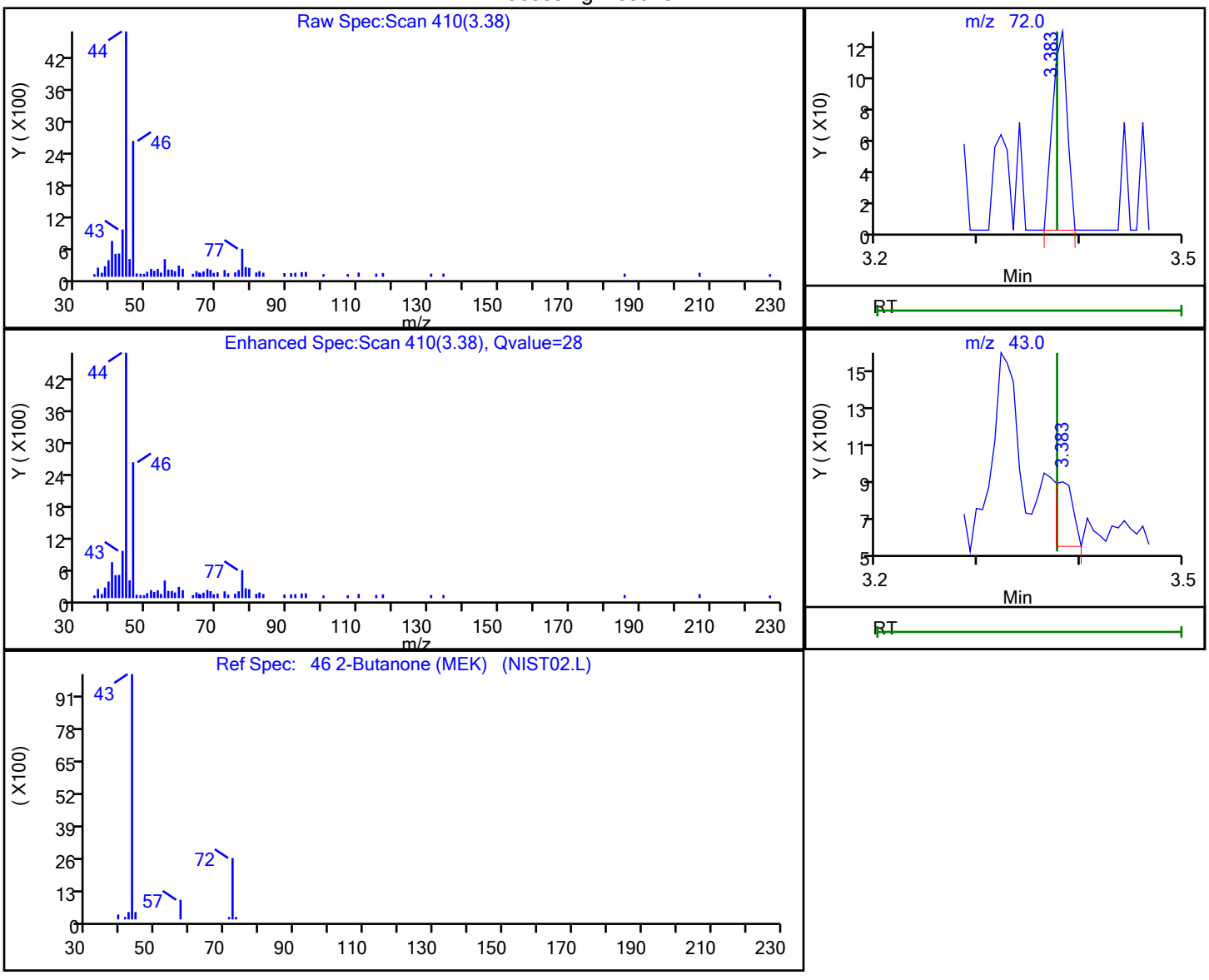
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.38	72.00	128	0.626039
3.38	43.00	415	

Reviewer: W9CM, 14-Oct-2022 15:01:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

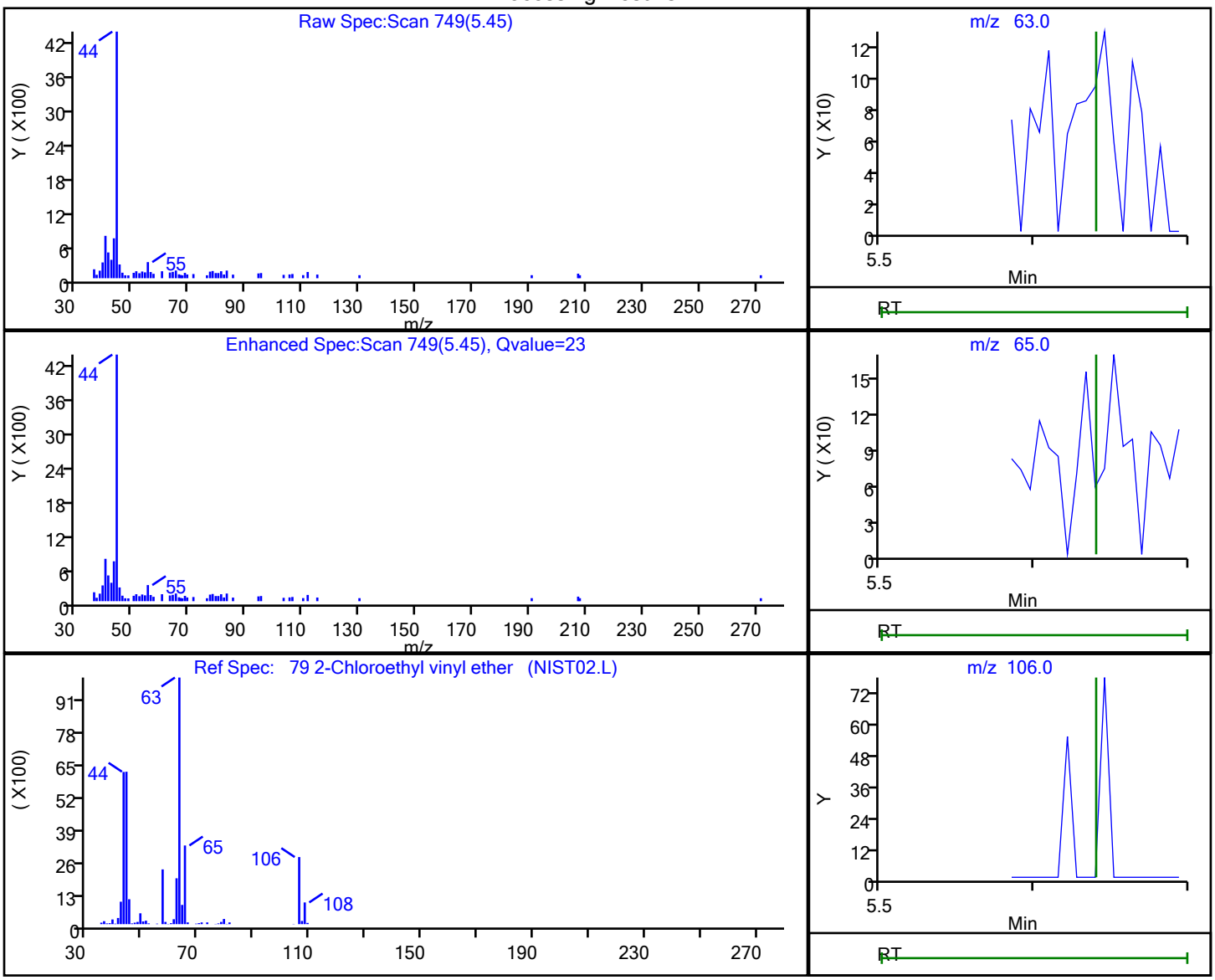
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results



RT	Mass	Response	Amount
5.45	63.00	85	0.051710
5.45	65.00	75	
5.45	106.00	27	

Reviewer: W9CM, 14-Oct-2022 15:02:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

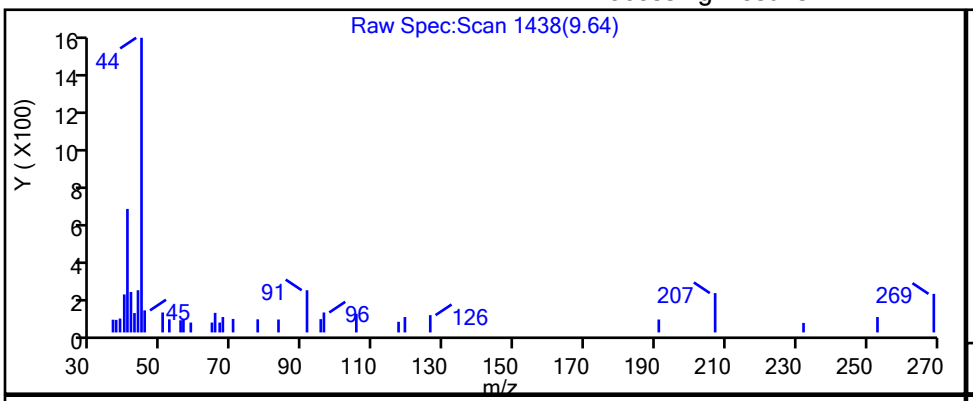
User Disabled Compound Report

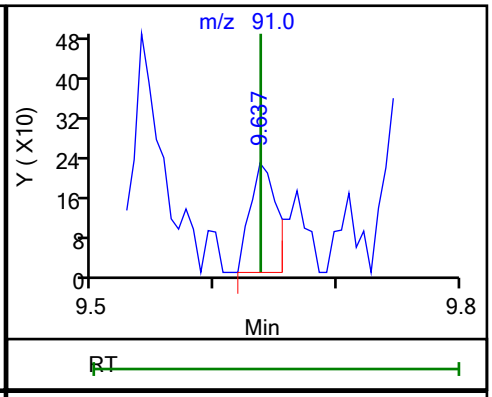
Eurofins Edison

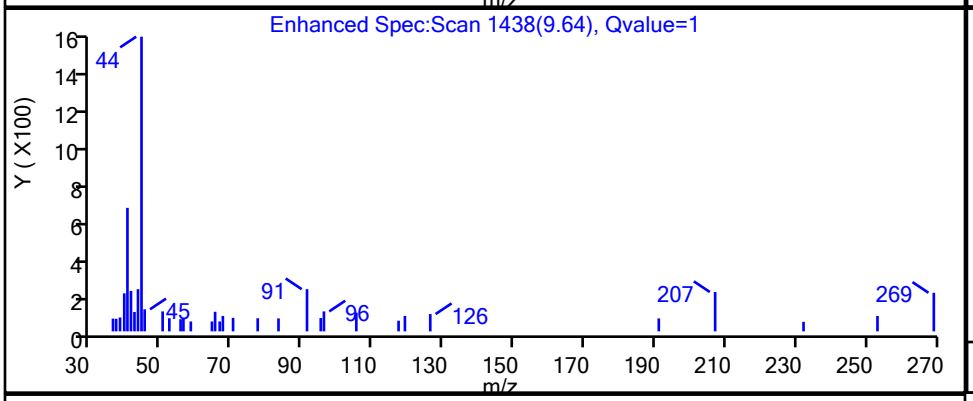
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

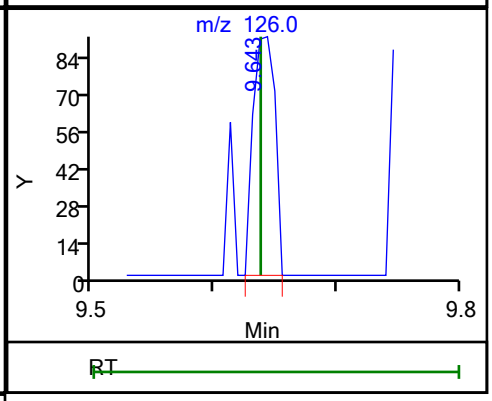
111 2-Chlorotoluene, CAS: 95-49-8

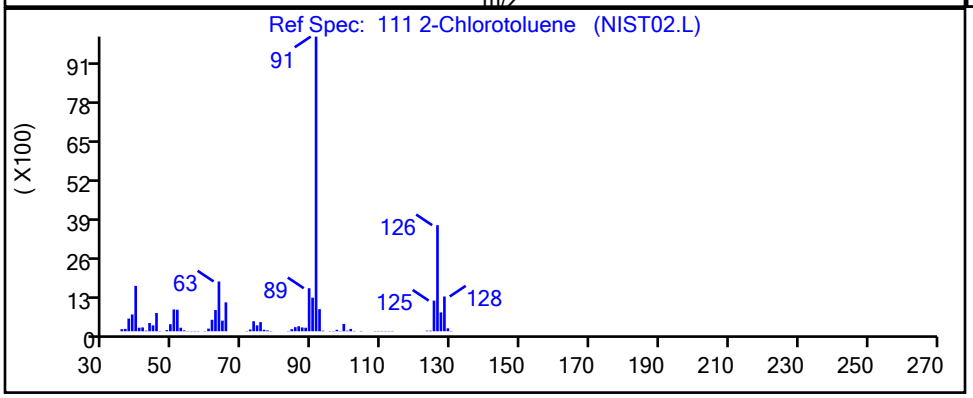
Processing Results











RT	Mass	Response	Amount
9.64	91.00	335	0.037446
9.64	126.00	115	

Reviewer: W9CM, 14-Oct-2022 15:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

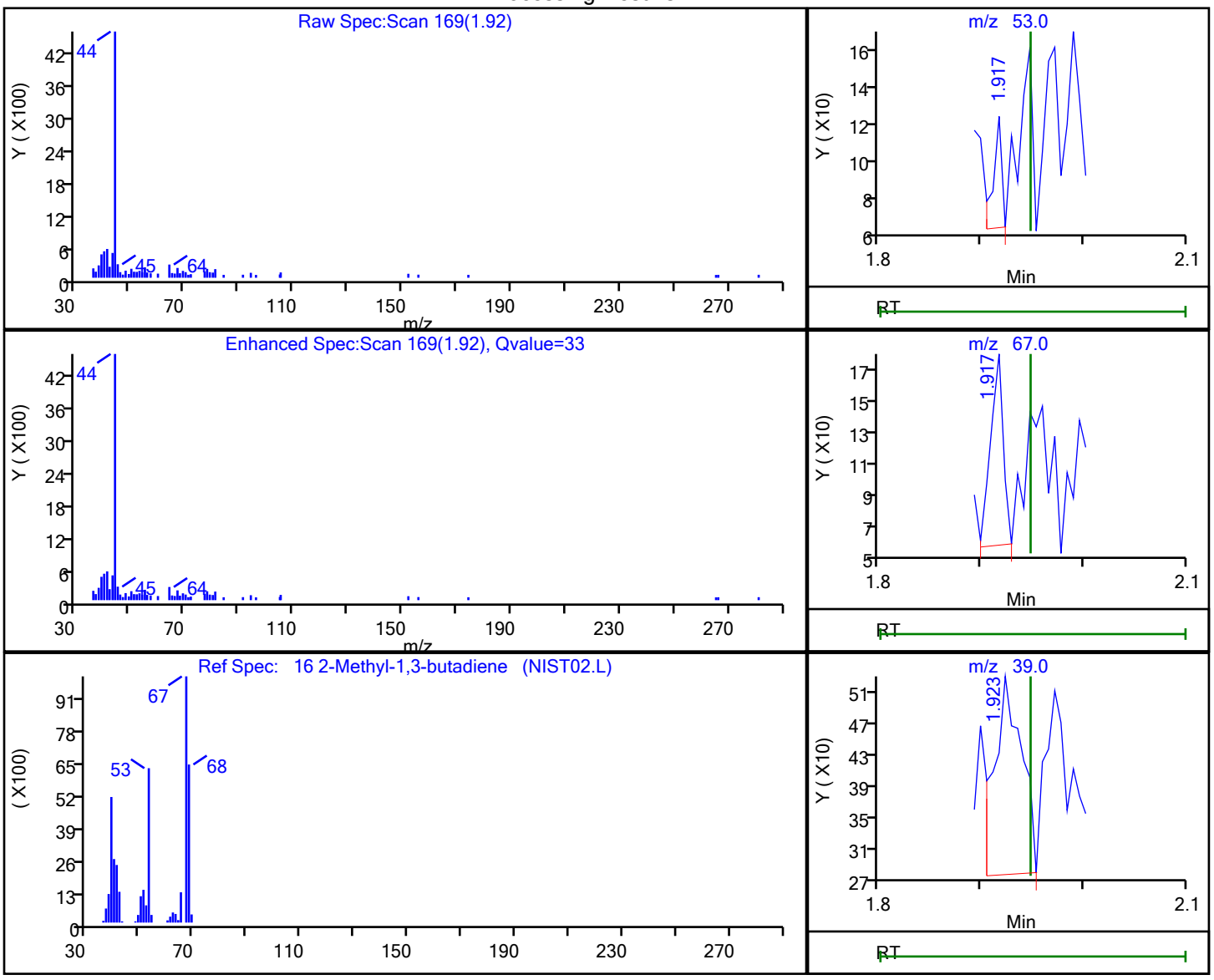
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.92	53.00	32	0.013037
1.92	67.00	105	
1.92	39.00	467	

Reviewer: W9CM, 14-Oct-2022 15:00:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

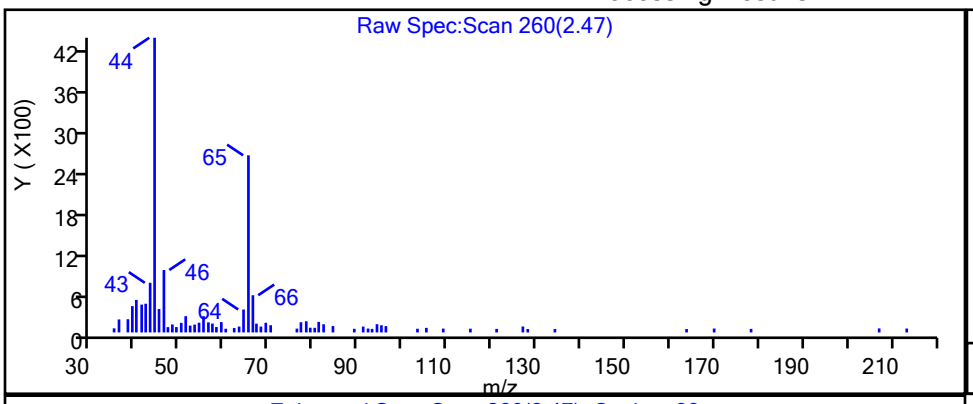
User Disabled Compound Report

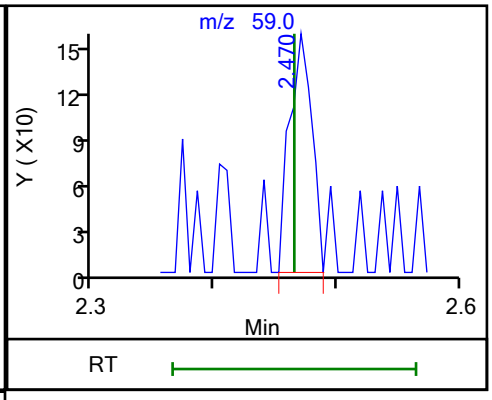
Eurofins Edison

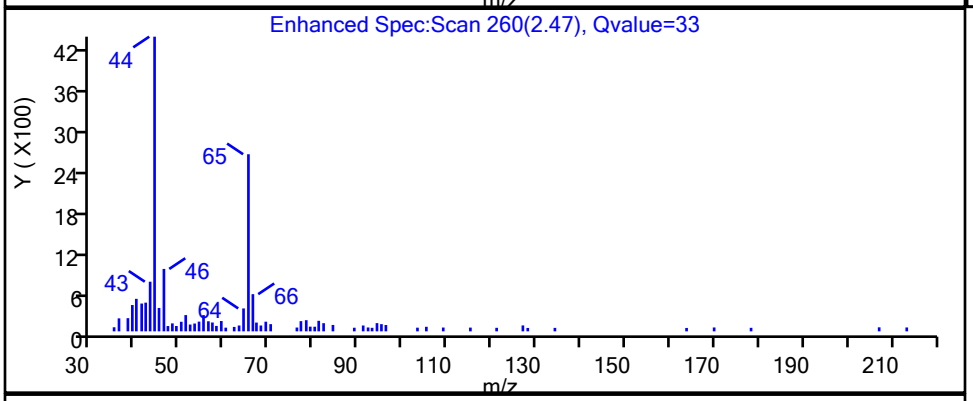
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

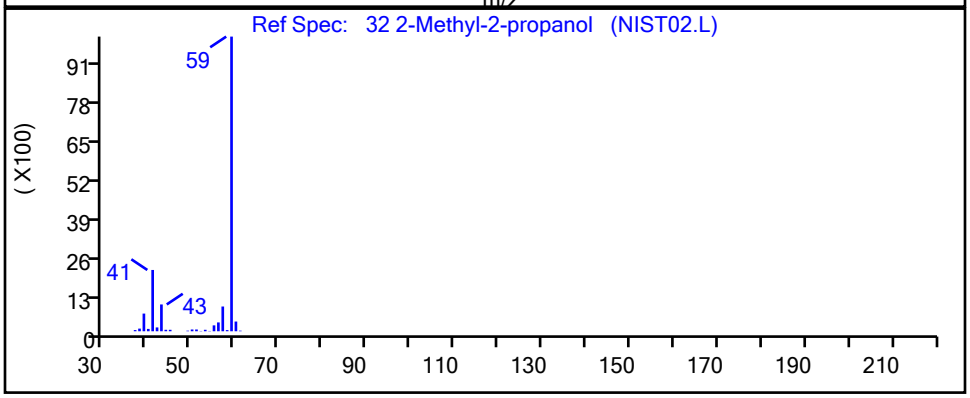
32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results









RT	Mass	Response	Amount
2.47	59.00	195	1.368890

Reviewer: W9CM, 14-Oct-2022 15:01:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

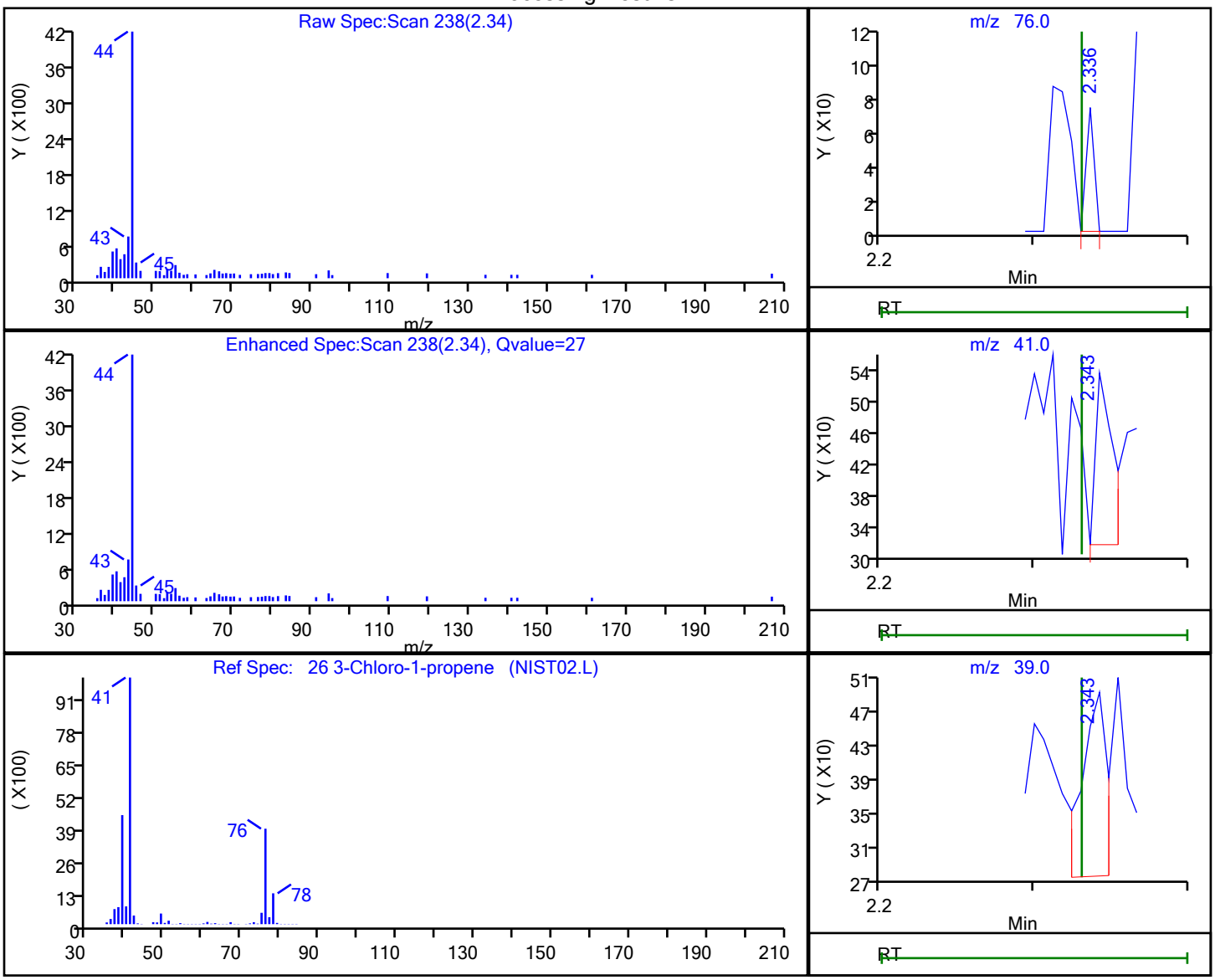
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.34	76.00	26	0.018678
2.34	41.00	166	
2.34	39.00	244	

Reviewer: W9CM, 14-Oct-2022 15:00:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

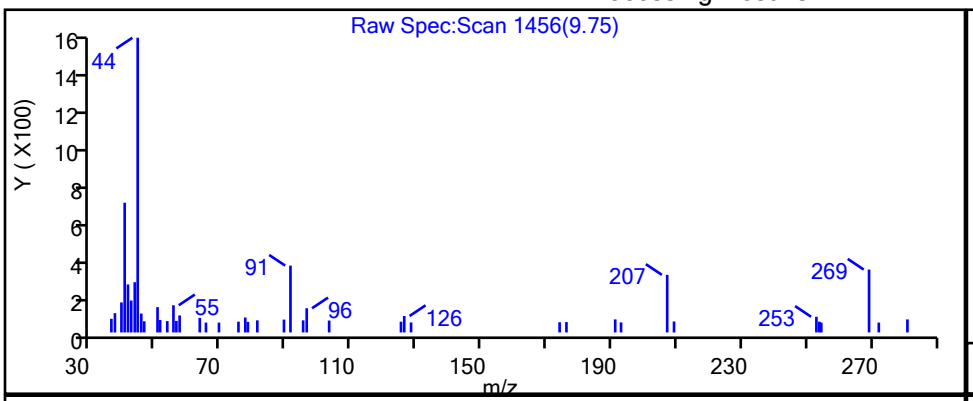
User Disabled Compound Report

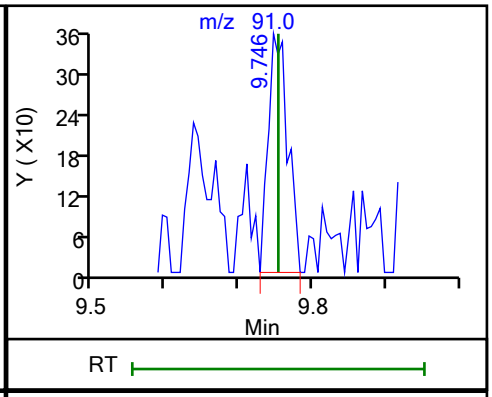
Eurofins Edison

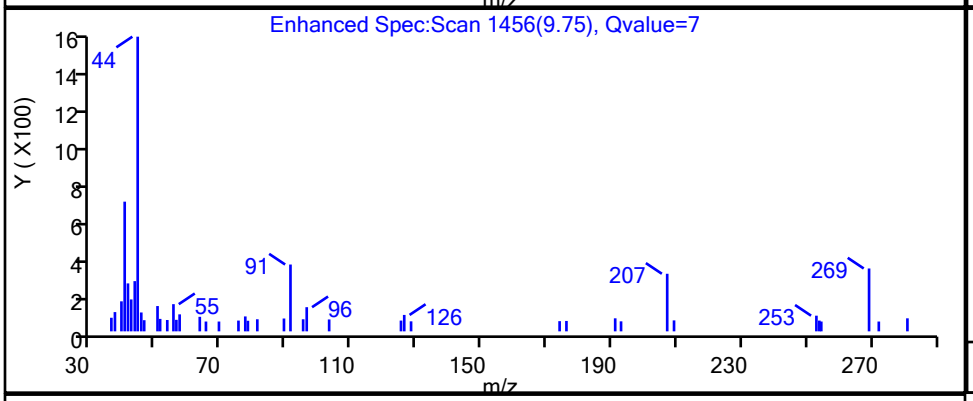
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

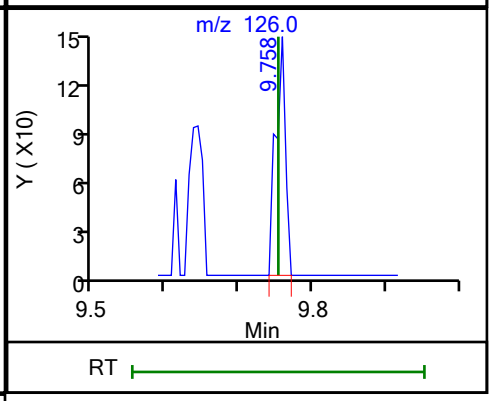
114 4-Chlorotoluene, CAS: 106-43-4

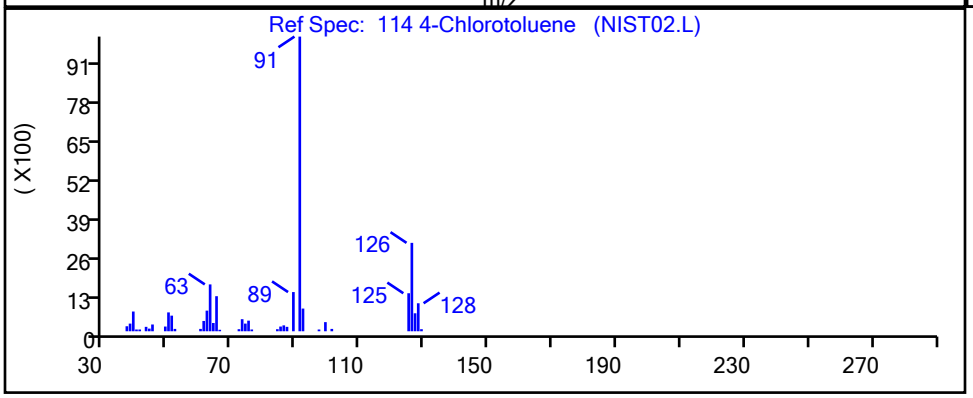
Processing Results











RT	Mass	Response	Amount
9.75	91.00	656	0.075948
9.76	126.00	136	

Reviewer: W9CM, 14-Oct-2022 15:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

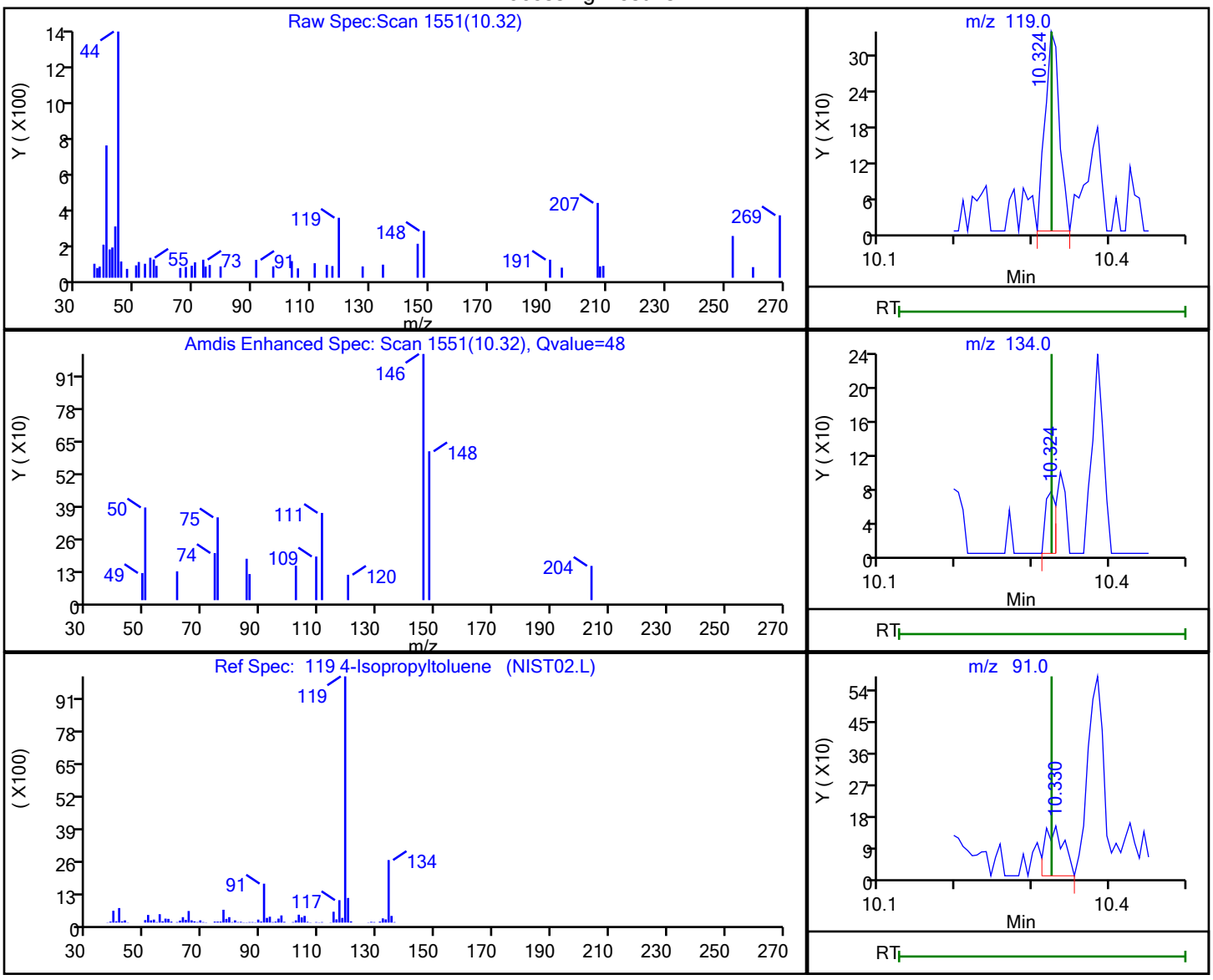
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.32	119.00	445	0.056366
10.32	134.00	72	
10.33	91.00	244	

Reviewer: W9CM, 14-Oct-2022 15:03:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

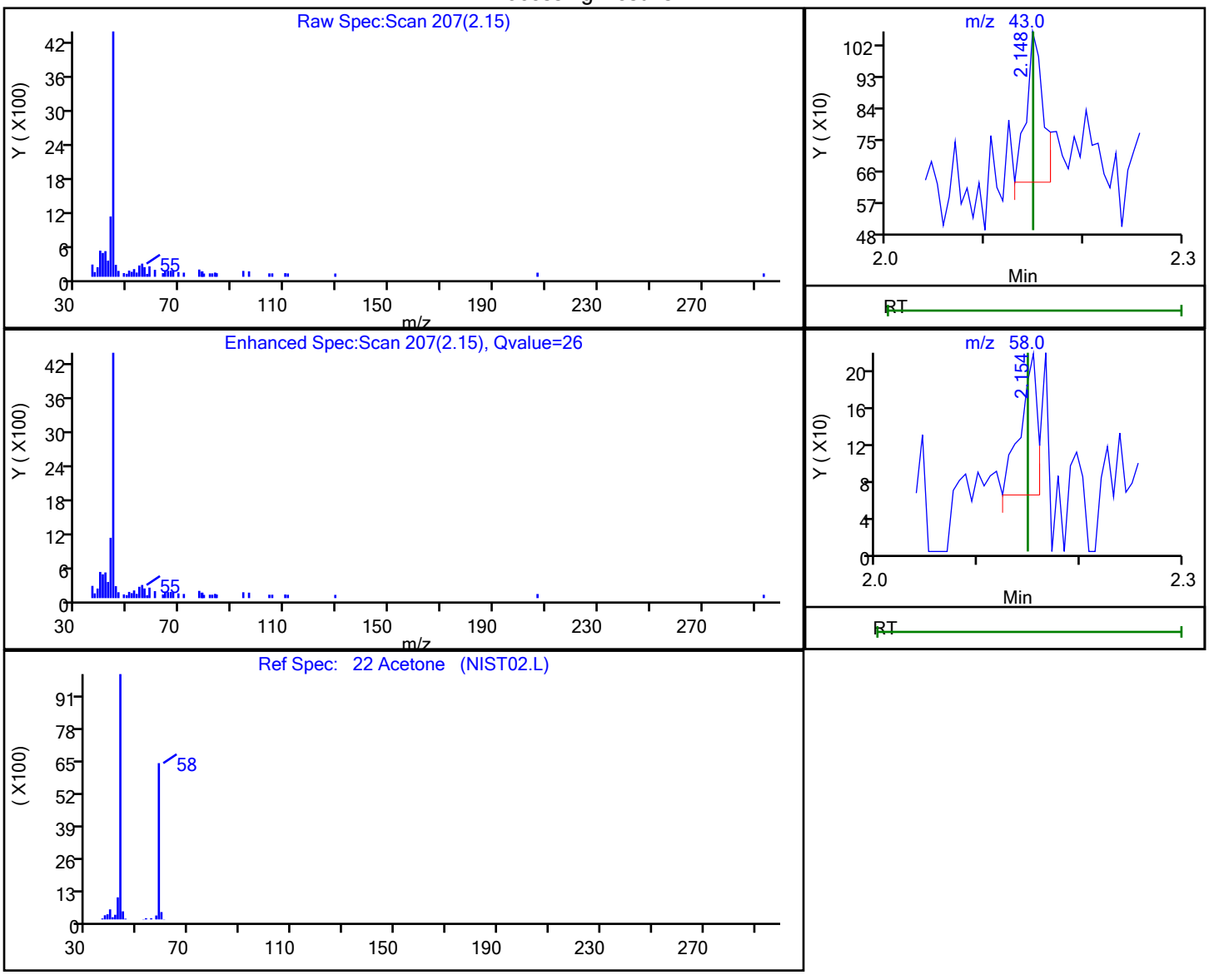
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.15	43.00	518	0.751434
2.15	58.00	180	

Reviewer: W9CM, 14-Oct-2022 15:00:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

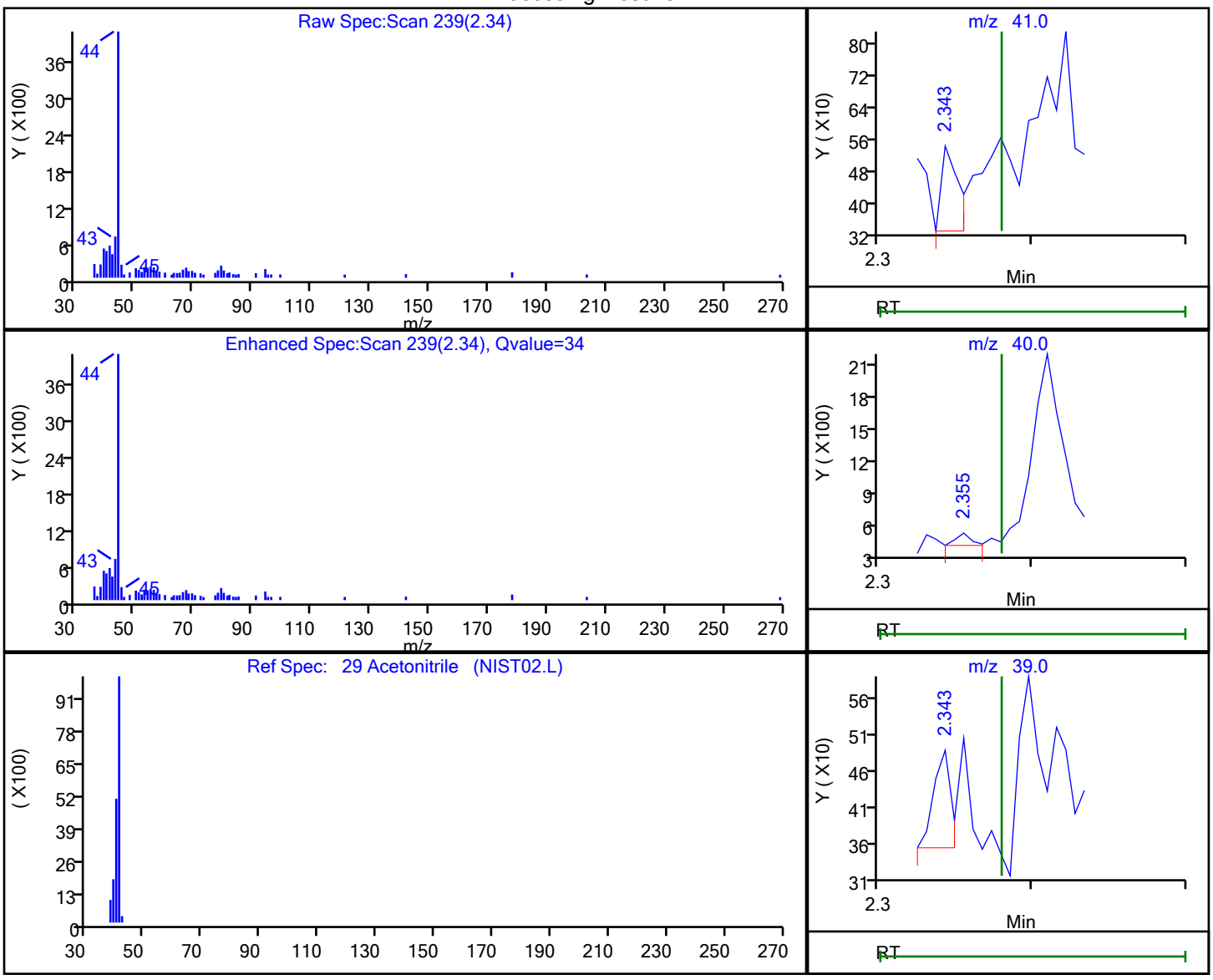
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.34	41.00	166	0.704882
2.35	40.00	76	
2.34	39.00	107	
2.34	38.00	88	

Reviewer: W9CM, 14-Oct-2022 15:01:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

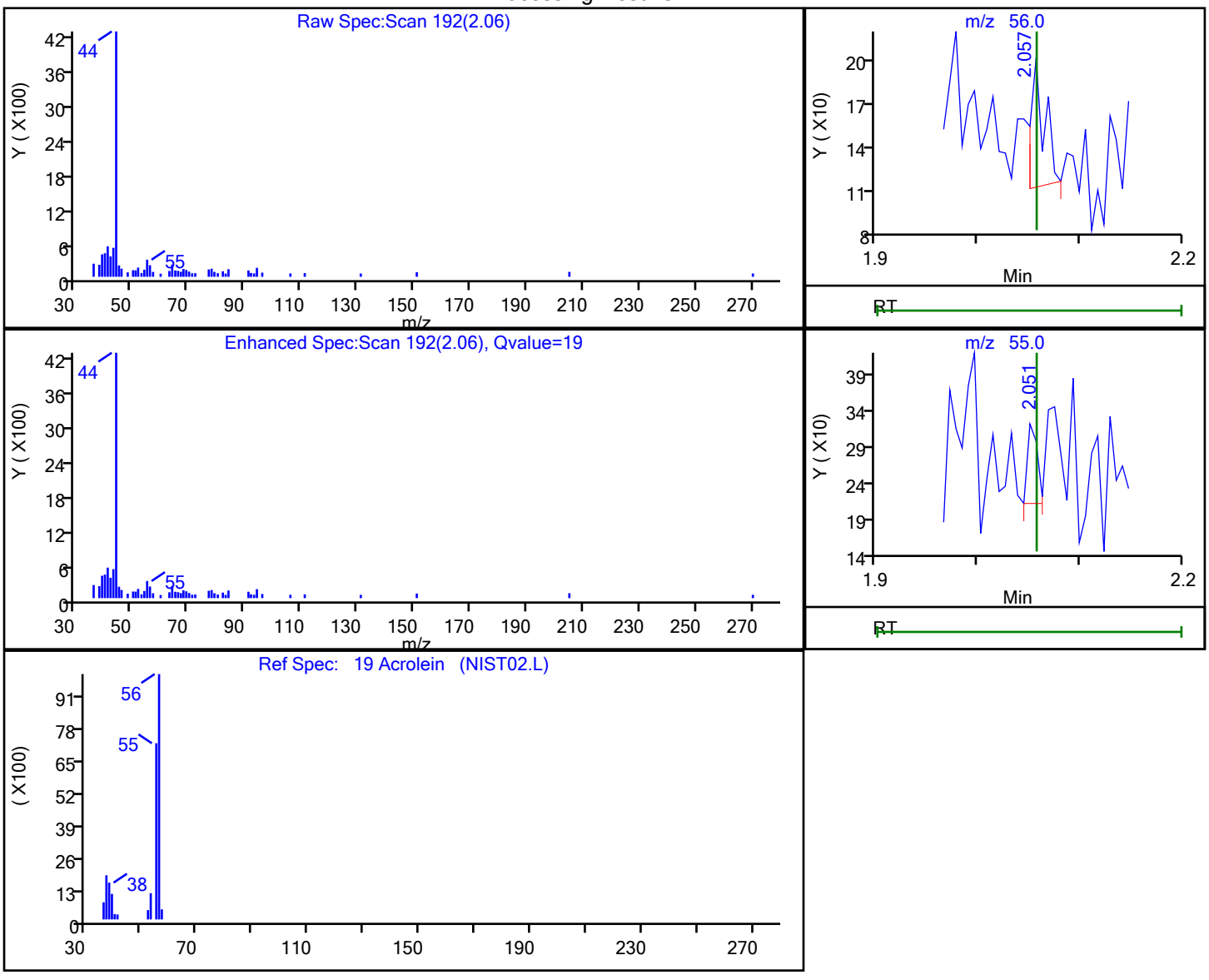
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.06	56.00	80	0.250316
2.05	55.00	72	

Reviewer: W9CM, 14-Oct-2022 15:00:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

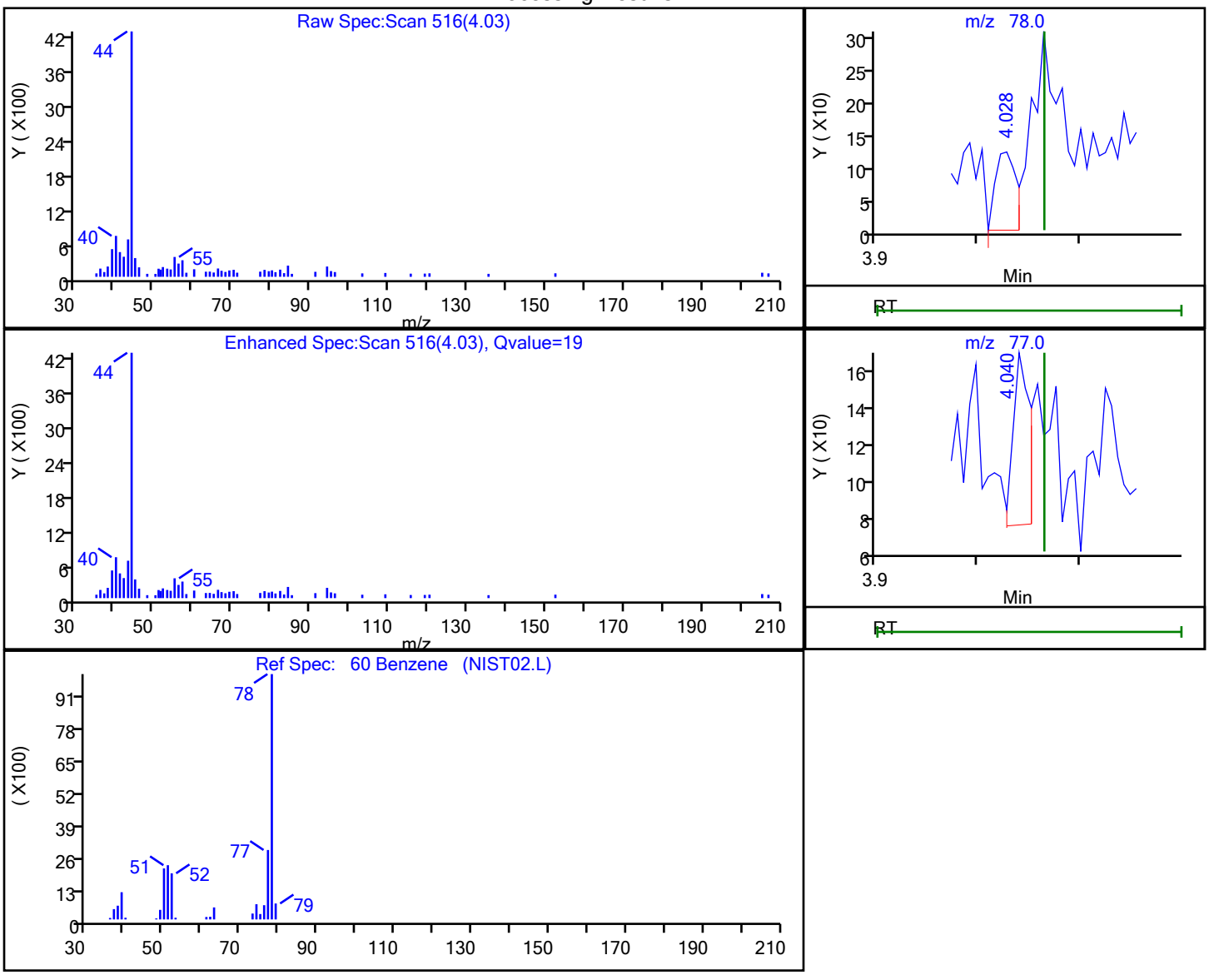
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.03	78.00	172	0.017564
4.04	77.00	99	

Reviewer: W9CM, 14-Oct-2022 15:02:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

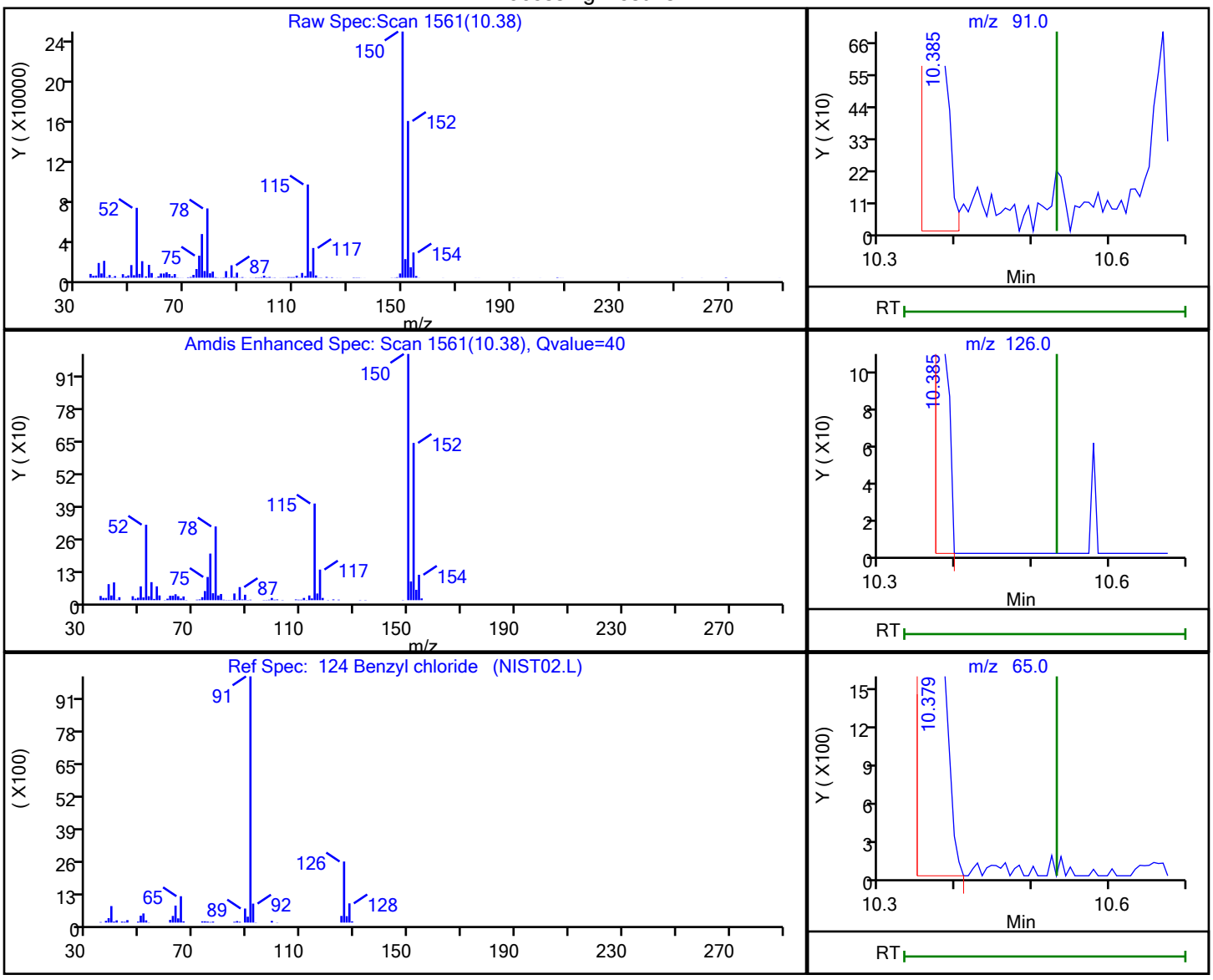
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.38	91.00	827	0.162490
10.38	126.00	87	
10.38	65.00	2164	

Reviewer: W9CM, 14-Oct-2022 15:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

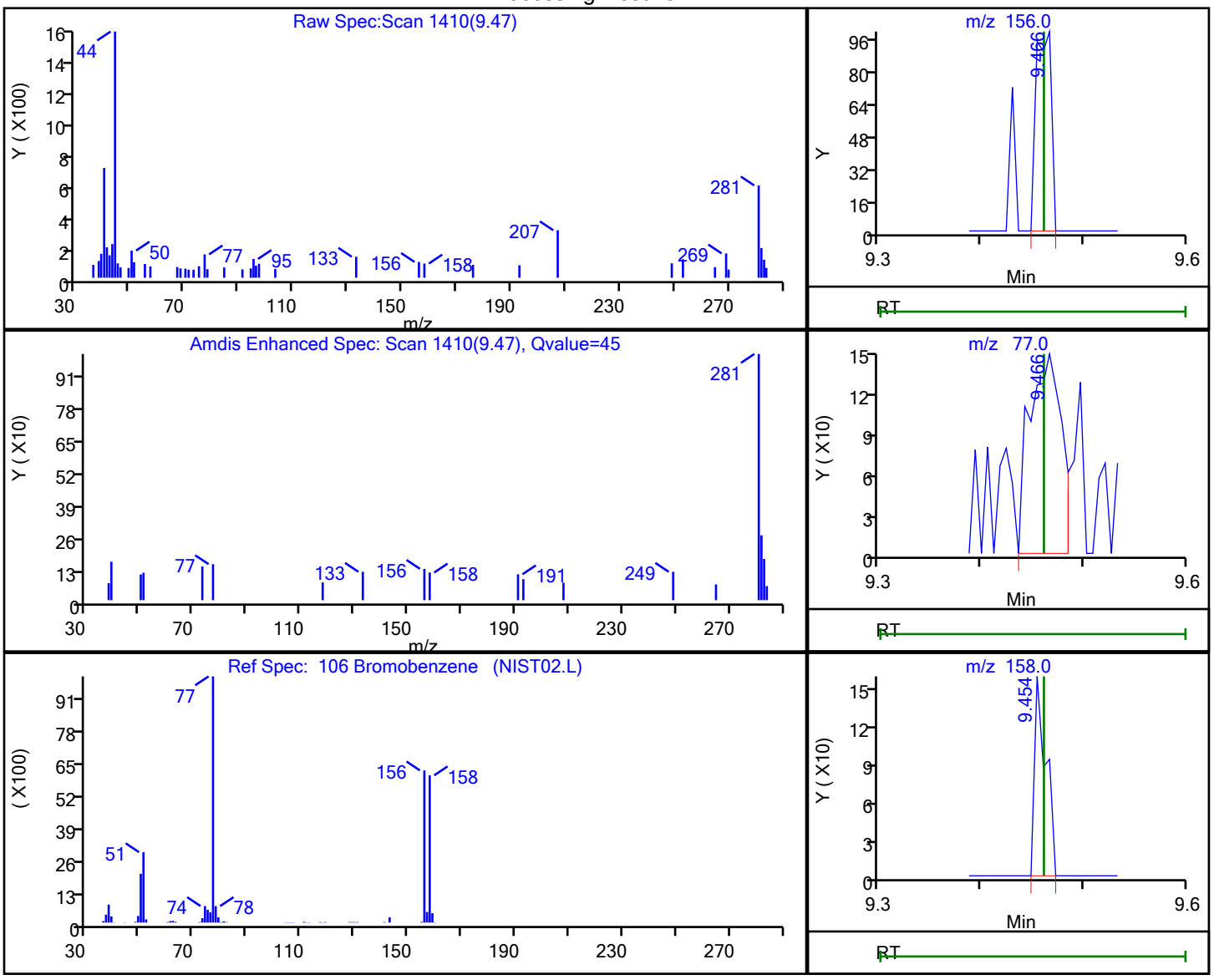
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
9.47	156.00	104	0.038920
9.47	77.00	324	
9.45	158.00	120	

Reviewer: W9CM, 14-Oct-2022 15:02:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

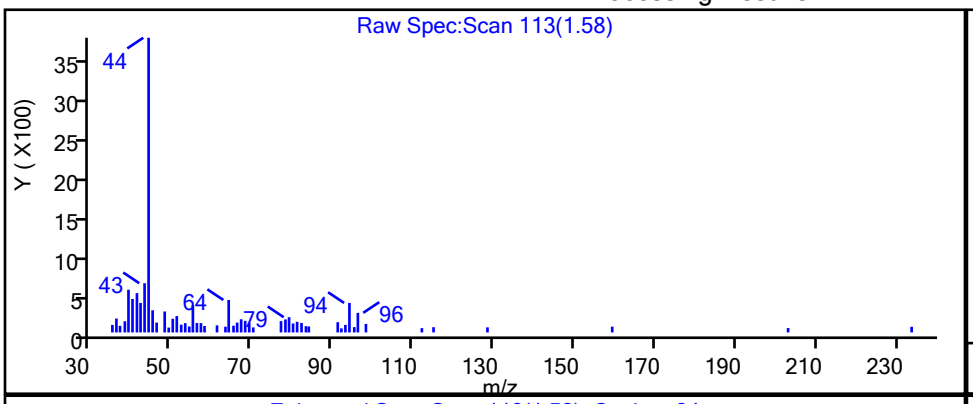
User Disabled Compound Report

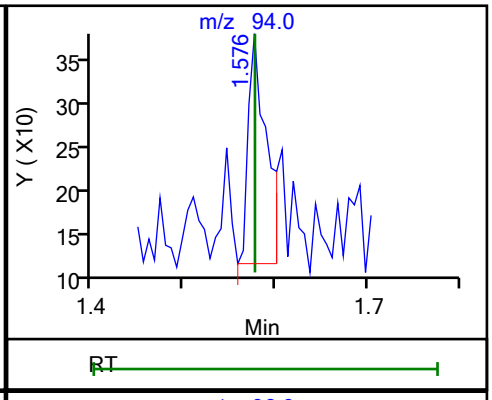
Eurofins Edison

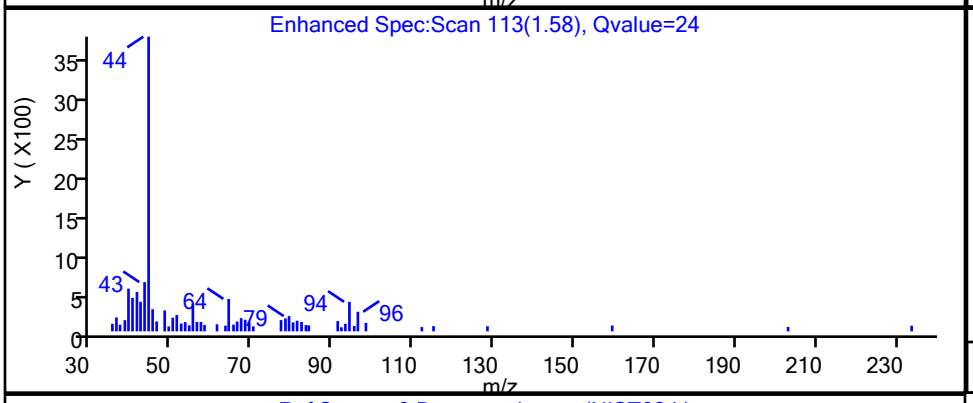
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

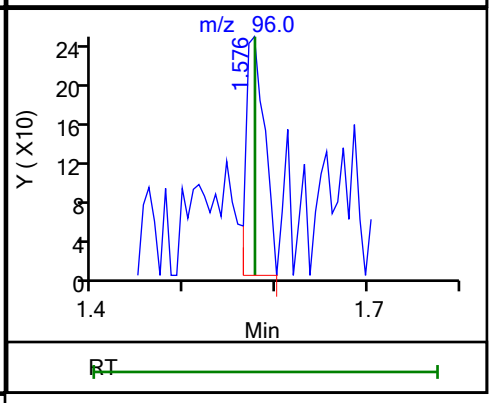
9 Bromomethane, CAS: 74-83-9

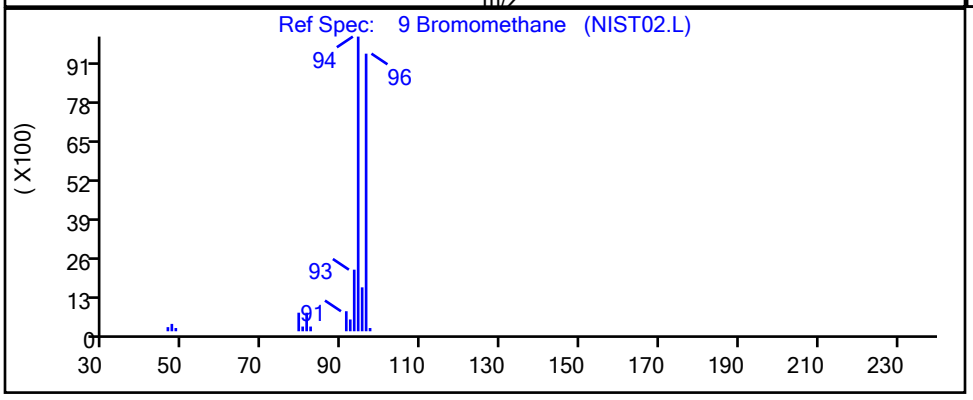
Processing Results











RT	Mass	Response	Amount
1.58	94.00	364	0.250000
1.58	96.00	346	

Reviewer: HVW2, 12-Oct-2022 23:53:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

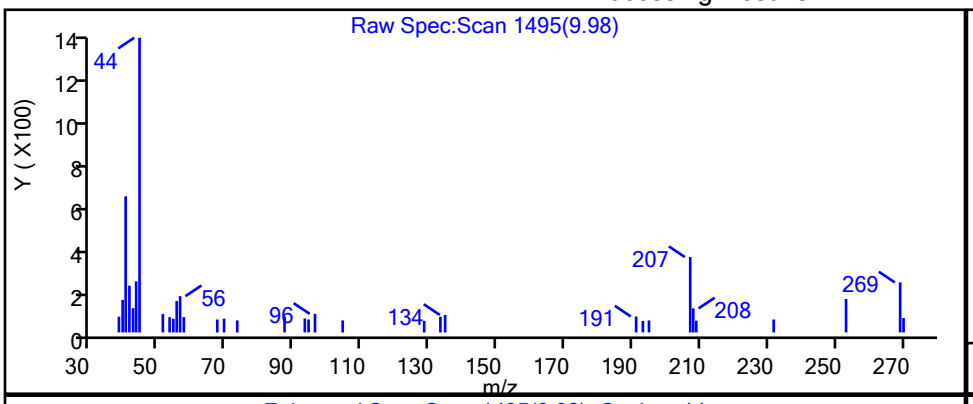
User Disabled Compound Report

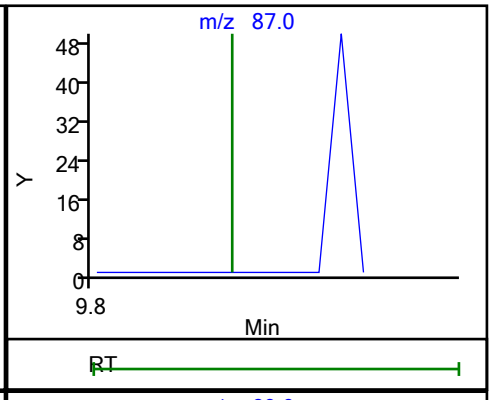
Eurofins Edison

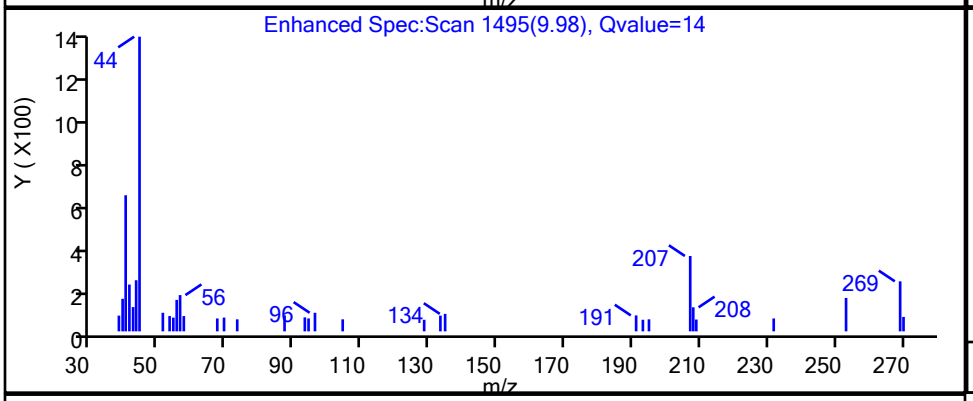
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

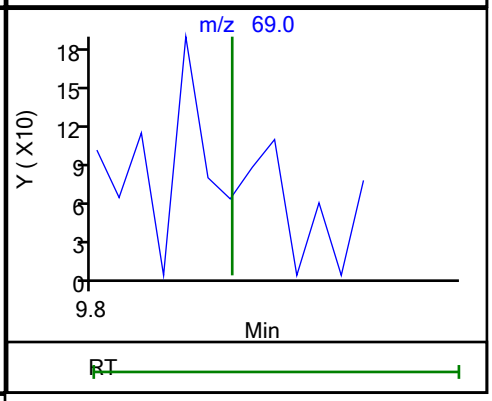
115 Butyl Methacrylate, CAS: 97-88-1

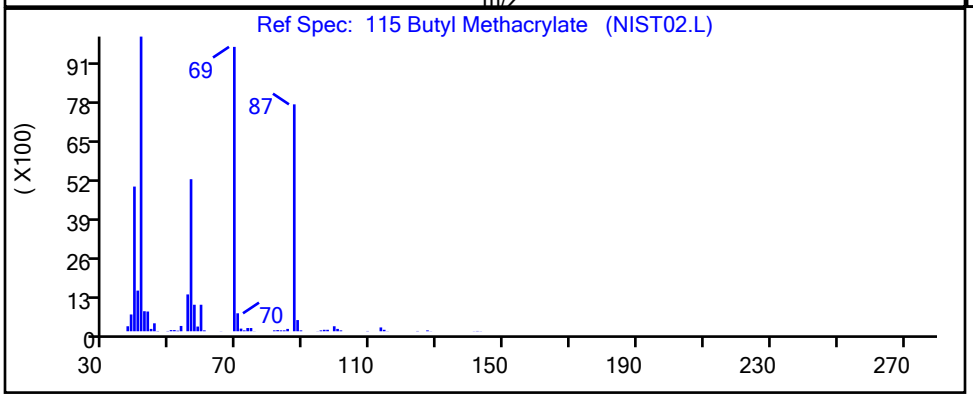
Processing Results











RT	Mass	Response	Amount
9.98	87.00	27	0.008320
9.98	69.00	43	

Reviewer: W9CM, 14-Oct-2022 15:02:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

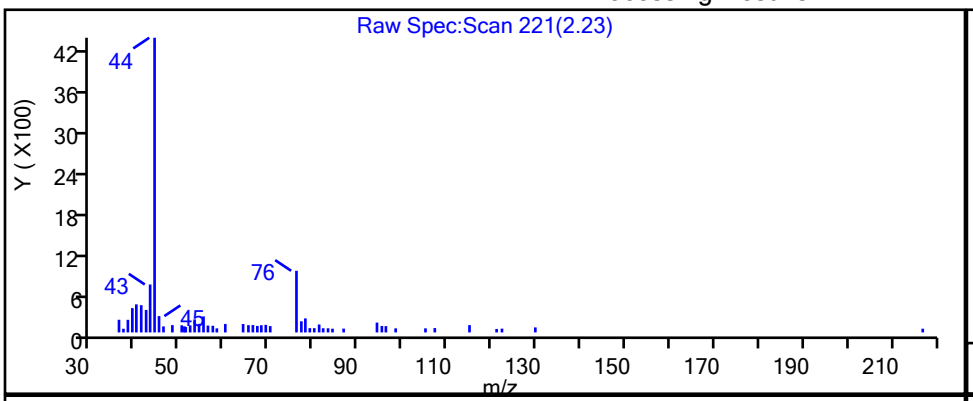
User Disabled Compound Report

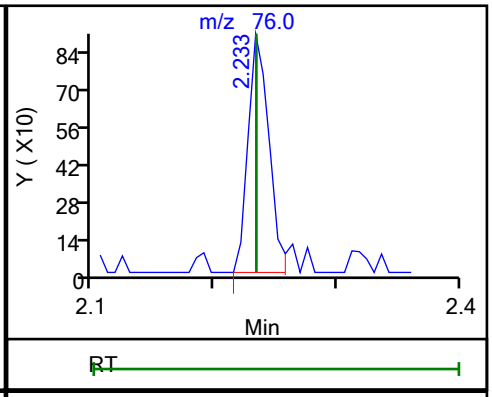
Eurofins Edison

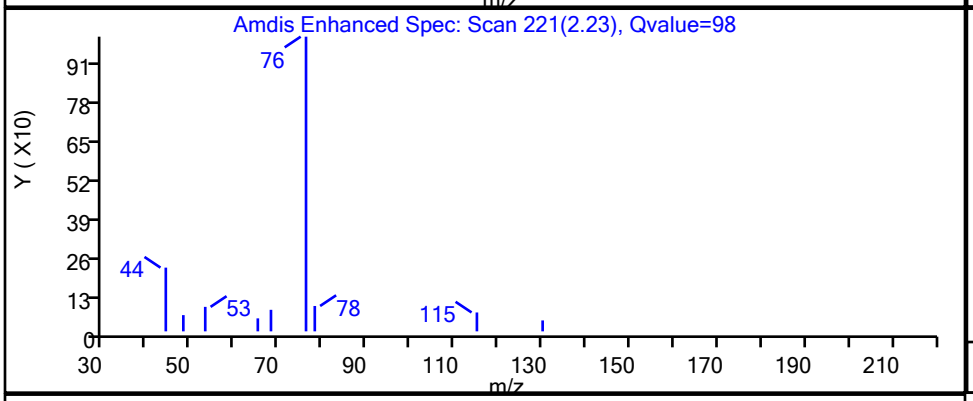
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

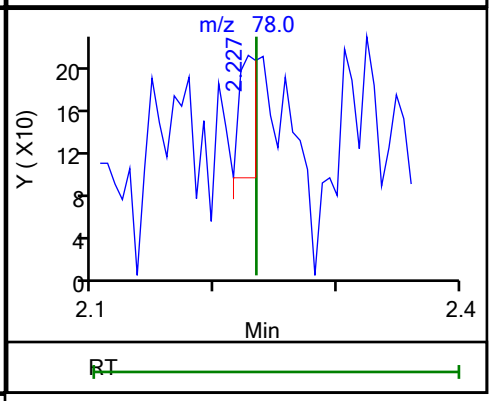
24 Carbon disulfide, CAS: 75-15-0

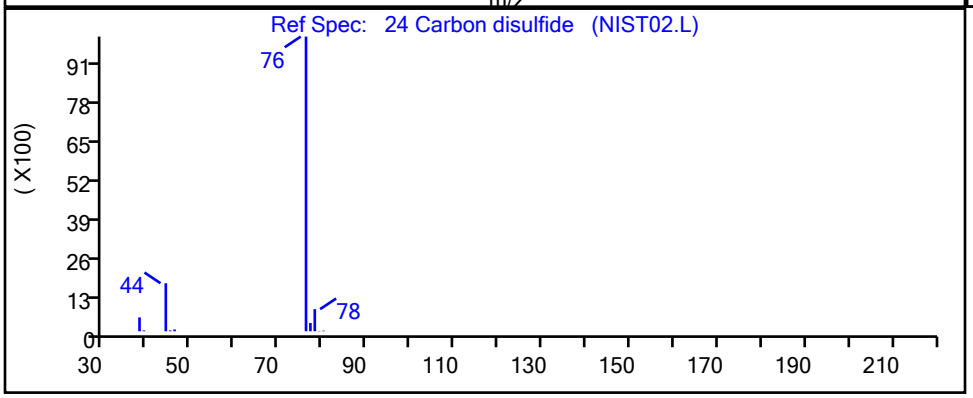
Processing Results











RT	Mass	Response	Amount
2.23	76.00	1080	0.148127
2.23	78.00	122	

Reviewer: W9CM, 14-Oct-2022 15:00:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

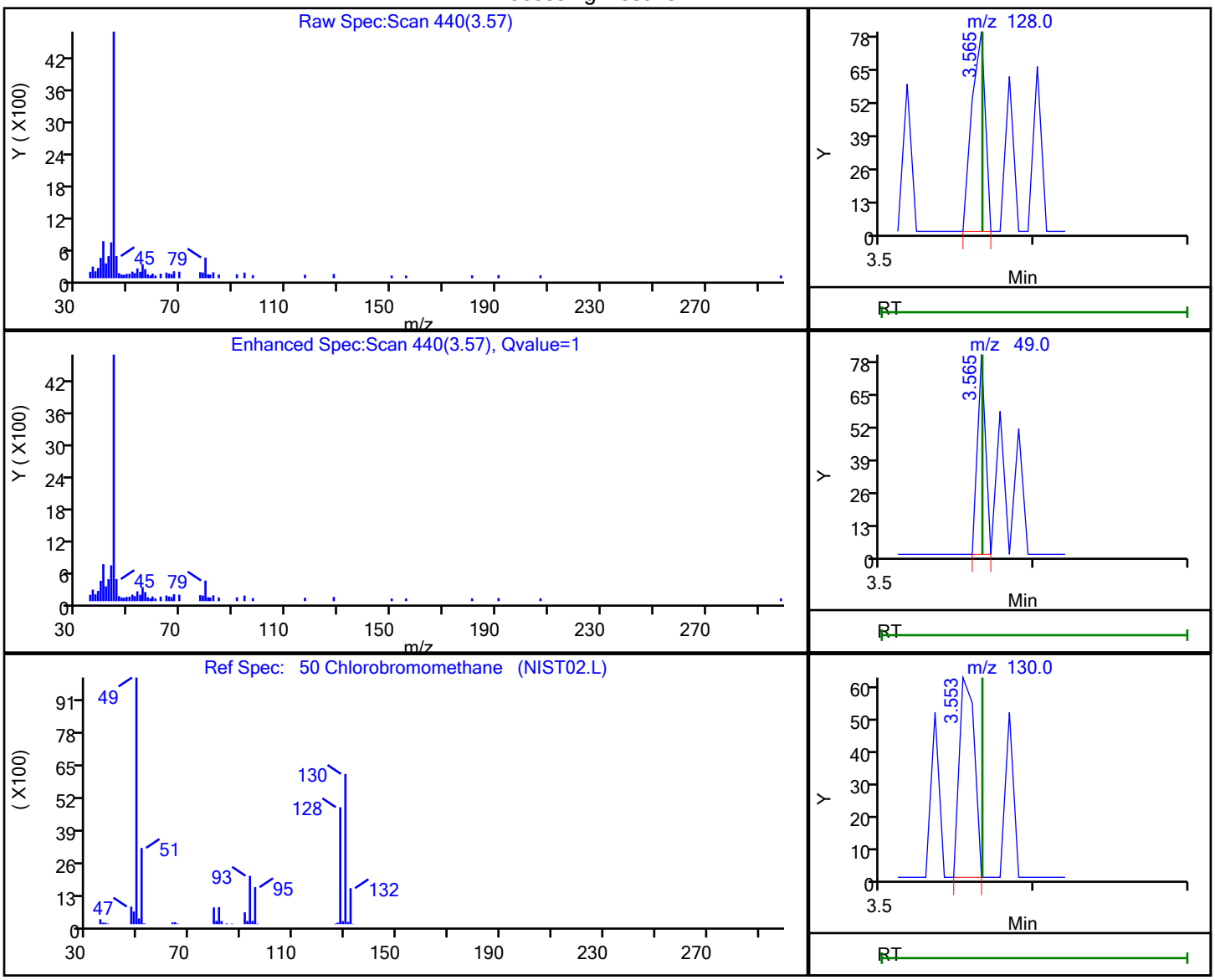
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Processing Results



RT	Mass	Response	Amount
3.57	128.00	49	0.044796
3.57	49.00	30	
3.55	130.00	43	

Reviewer: W9CM, 14-Oct-2022 15:01:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

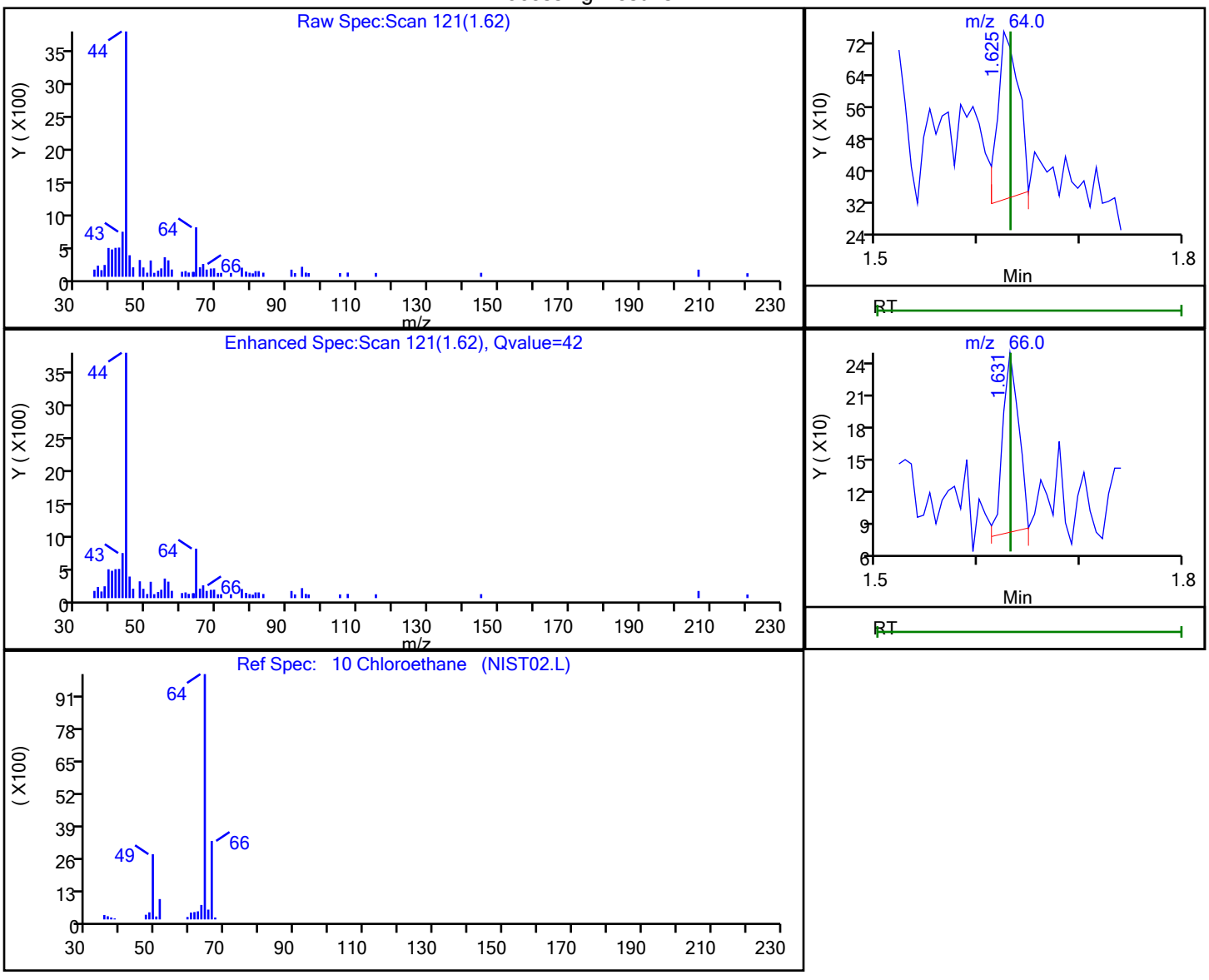
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.62	64.00	600	0.250000
1.63	66.00	184	

Reviewer: HVW2, 12-Oct-2022 23:53:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

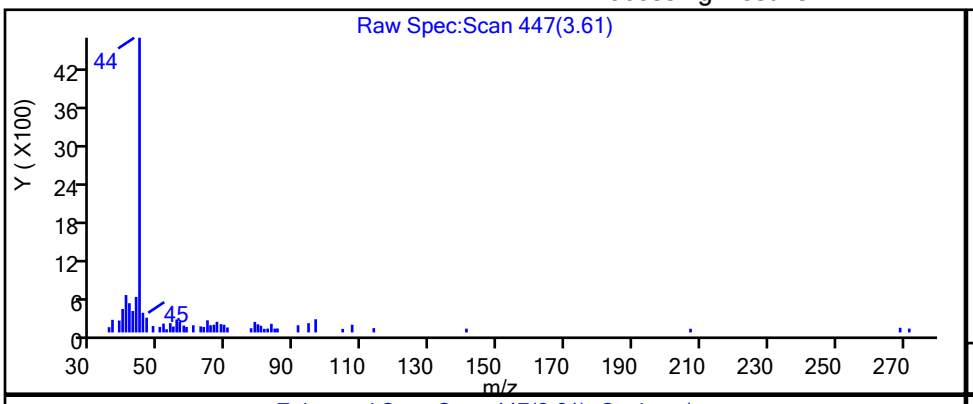
User Disabled Compound Report

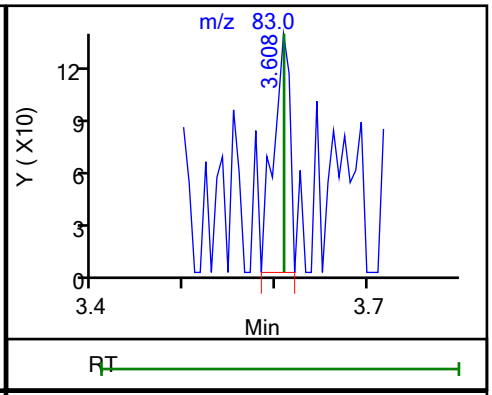
Eurofins Edison

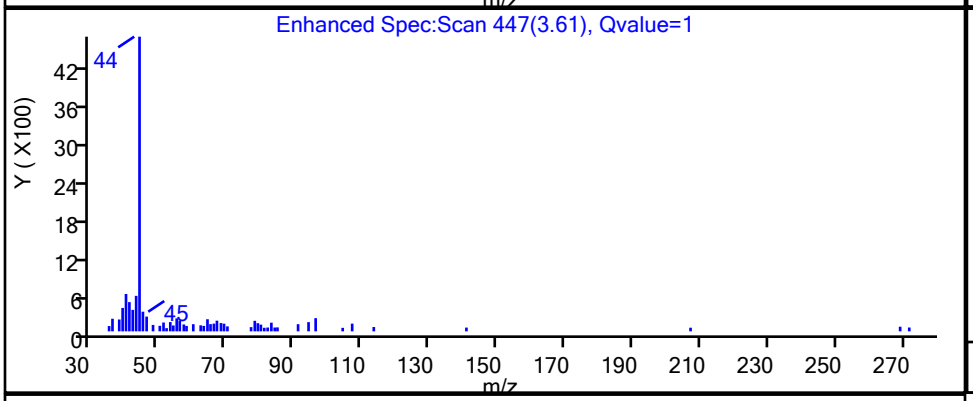
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

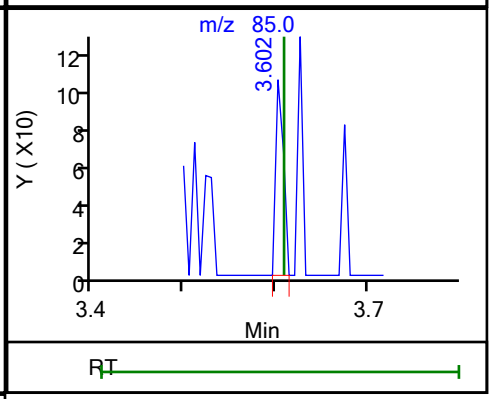
52 Chloroform, CAS: 67-66-3

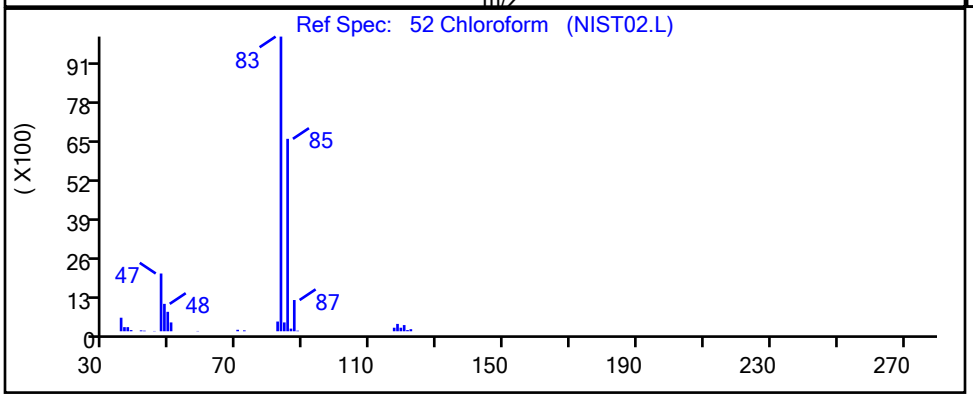
Processing Results











RT	Mass	Response	Amount
3.61	83.00	172	0.038987
3.60	85.00	59	

Reviewer: W9CM, 14-Oct-2022 15:01:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

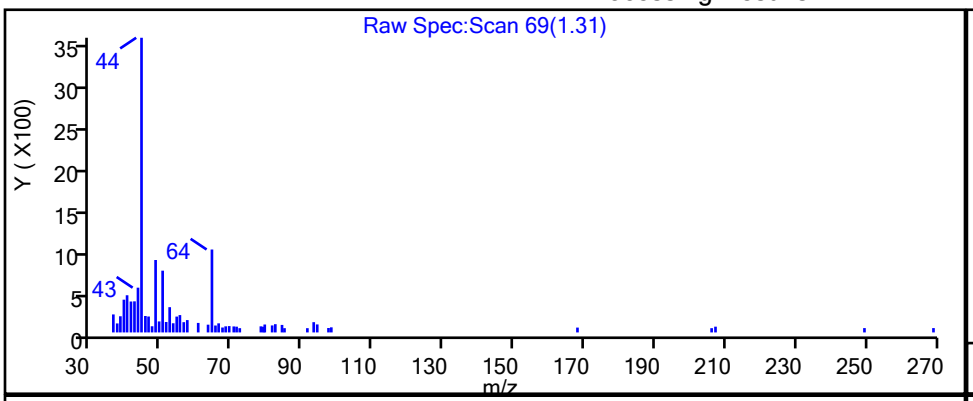
User Disabled Compound Report

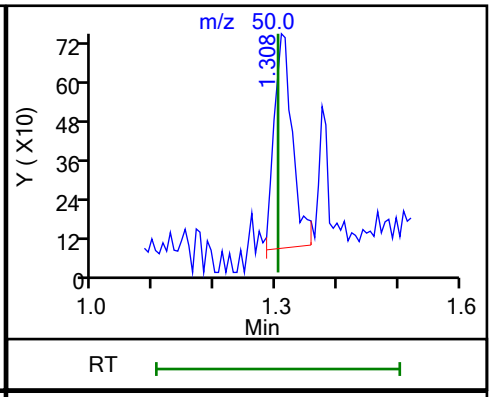
Eurofins Edison

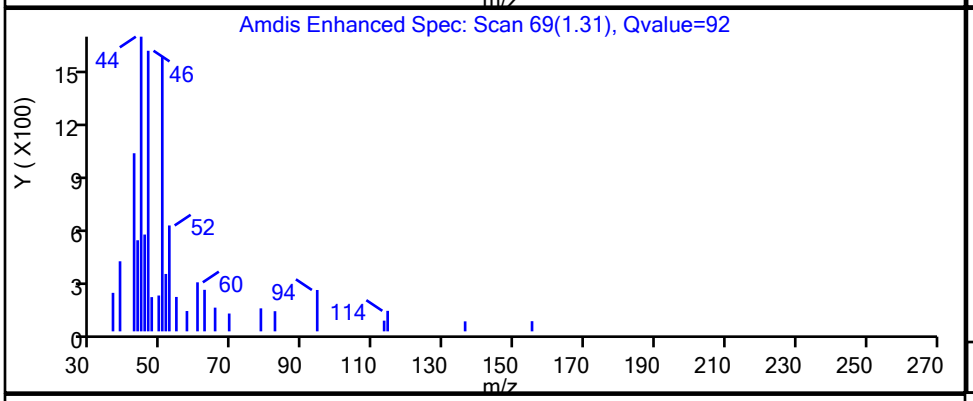
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

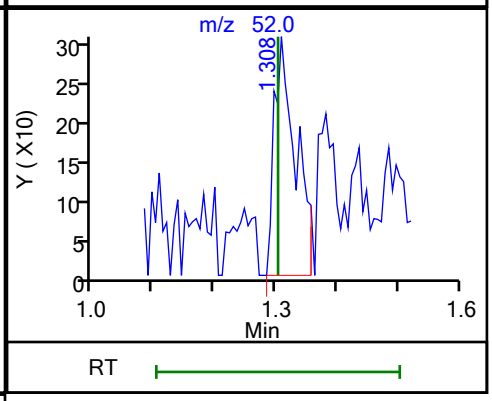
6 Chloromethane, CAS: 74-87-3

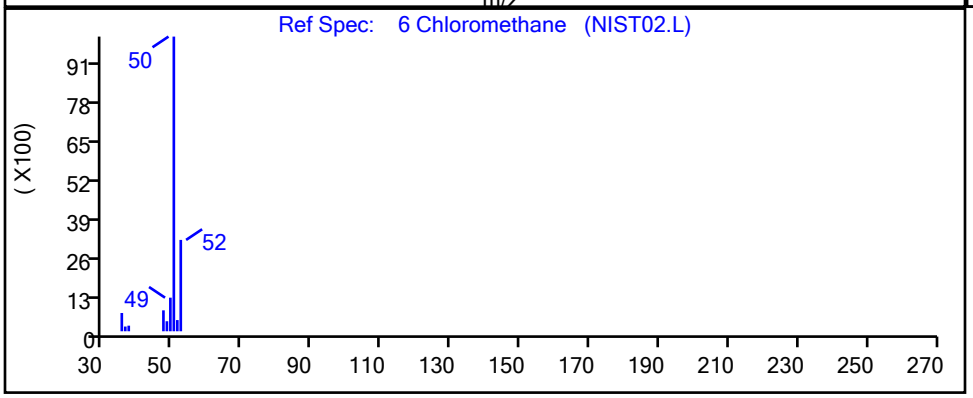
Processing Results











RT	Mass	Response	Amount
1.31	50.00	1393	0.250000
1.31	52.00	746	

Reviewer: HVW2, 12-Oct-2022 23:53:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

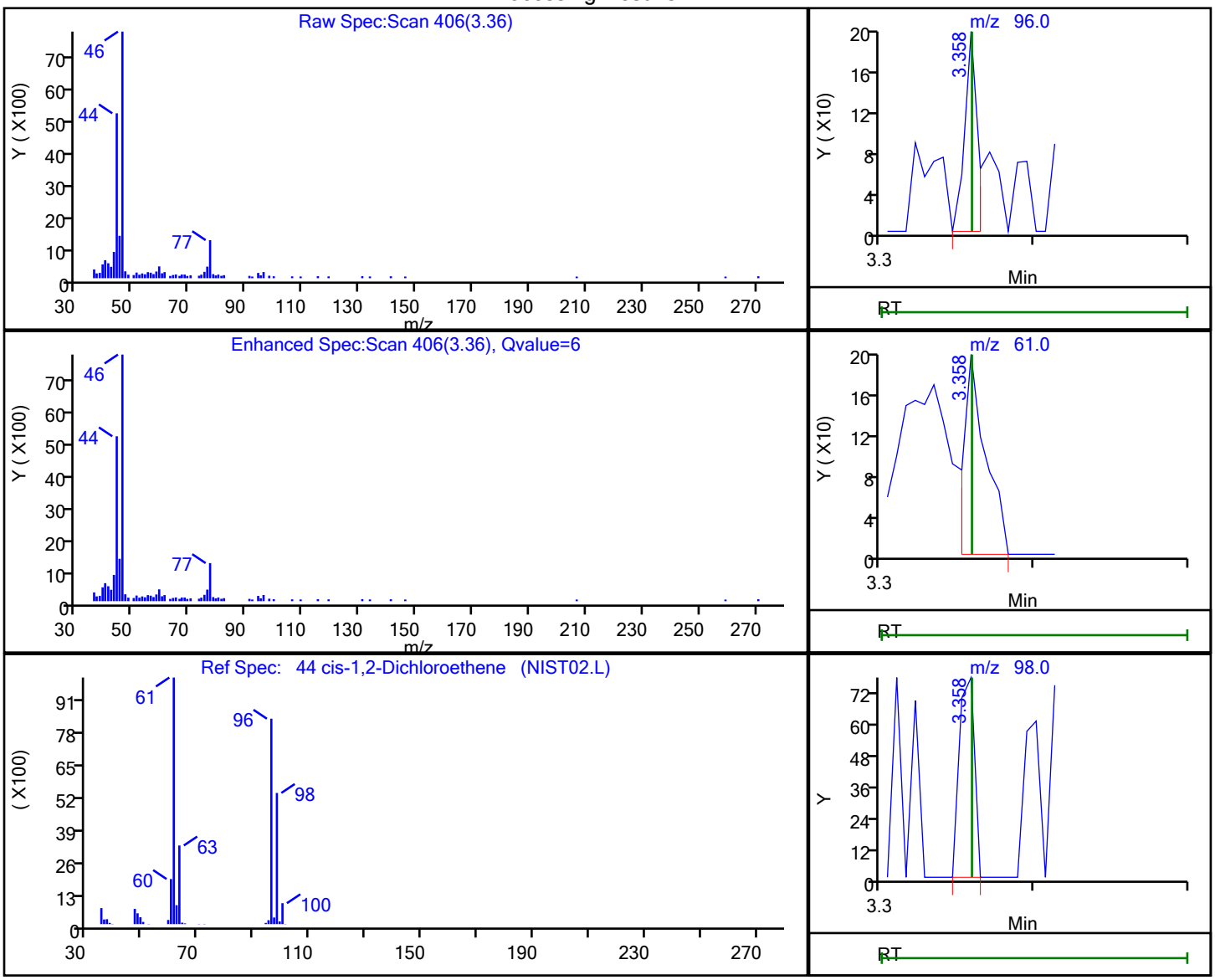
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.36	96.00	113	0.045723
3.36	61.00	192	
3.36	98.00	54	

Reviewer: W9CM, 14-Oct-2022 15:01:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

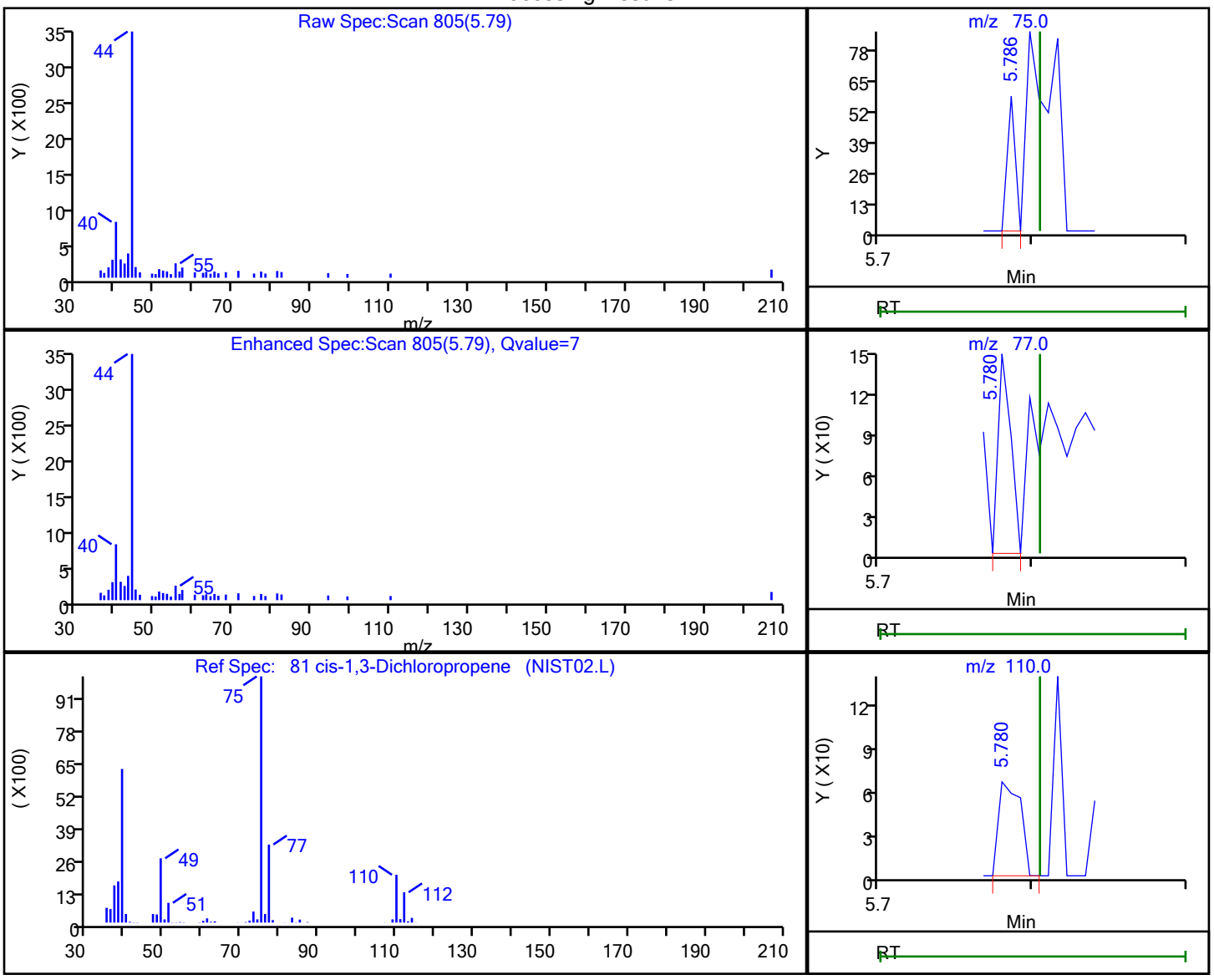
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
5.79	75.00	21	0.004552
5.78	77.00	84	
5.78	110.00	64	

Reviewer: W9CM, 14-Oct-2022 15:02:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

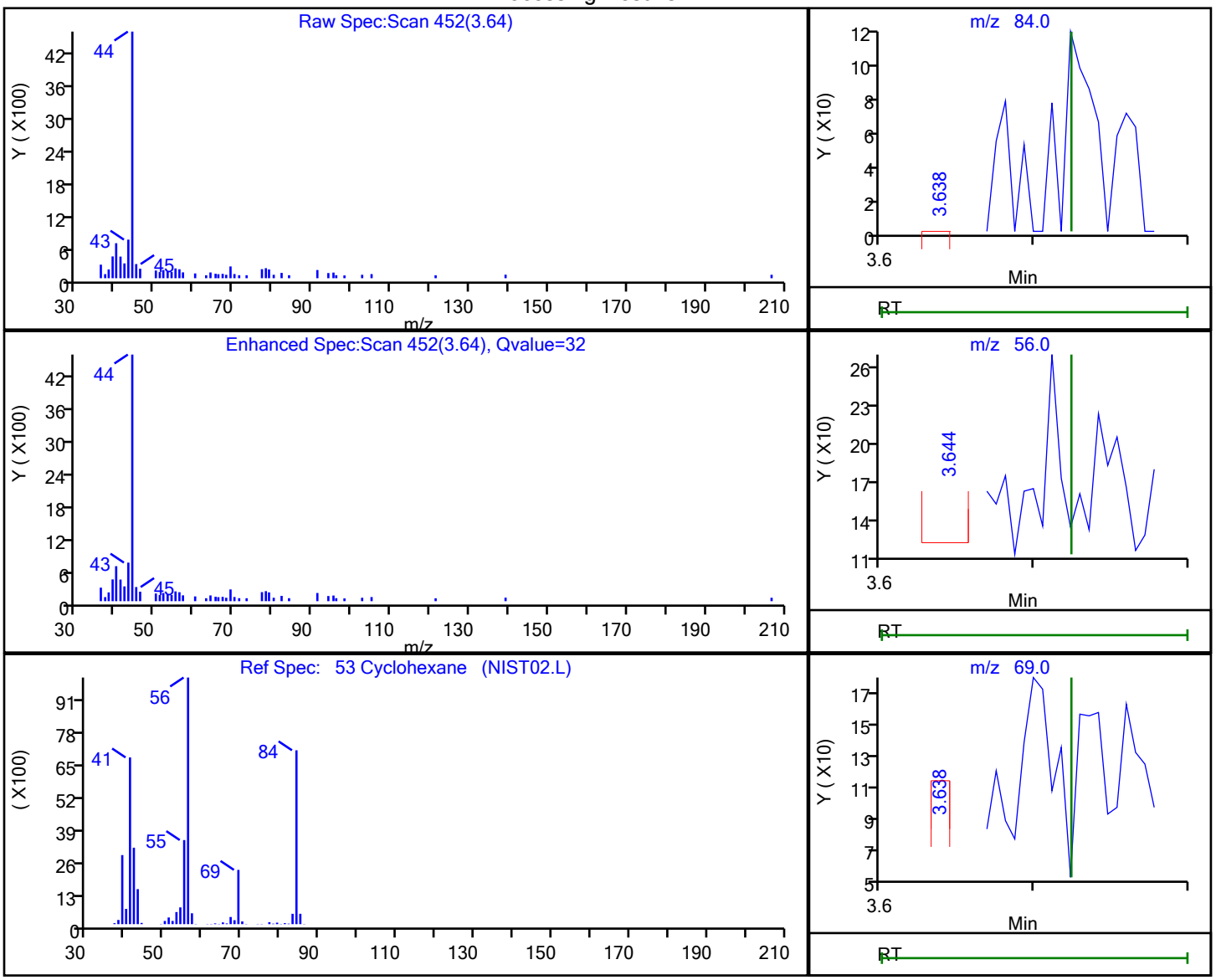
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
3.64	84.00	40	0.014572
3.64	56.00	94	
3.64	69.00	108	

Reviewer: W9CM, 14-Oct-2022 15:01:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

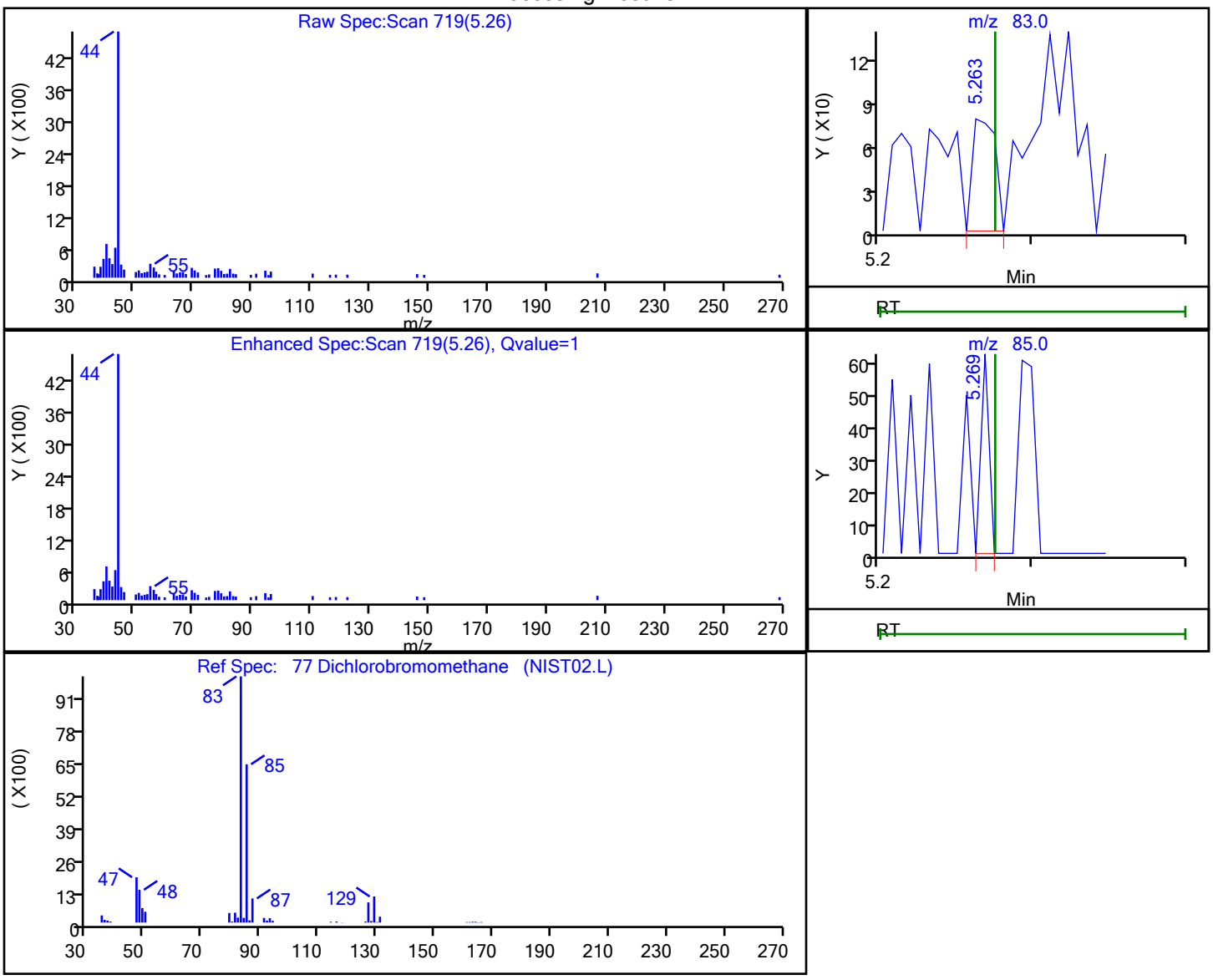
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.26	83.00	80	0.024113
5.27	85.00	23	

Reviewer: W9CM, 14-Oct-2022 15:02:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

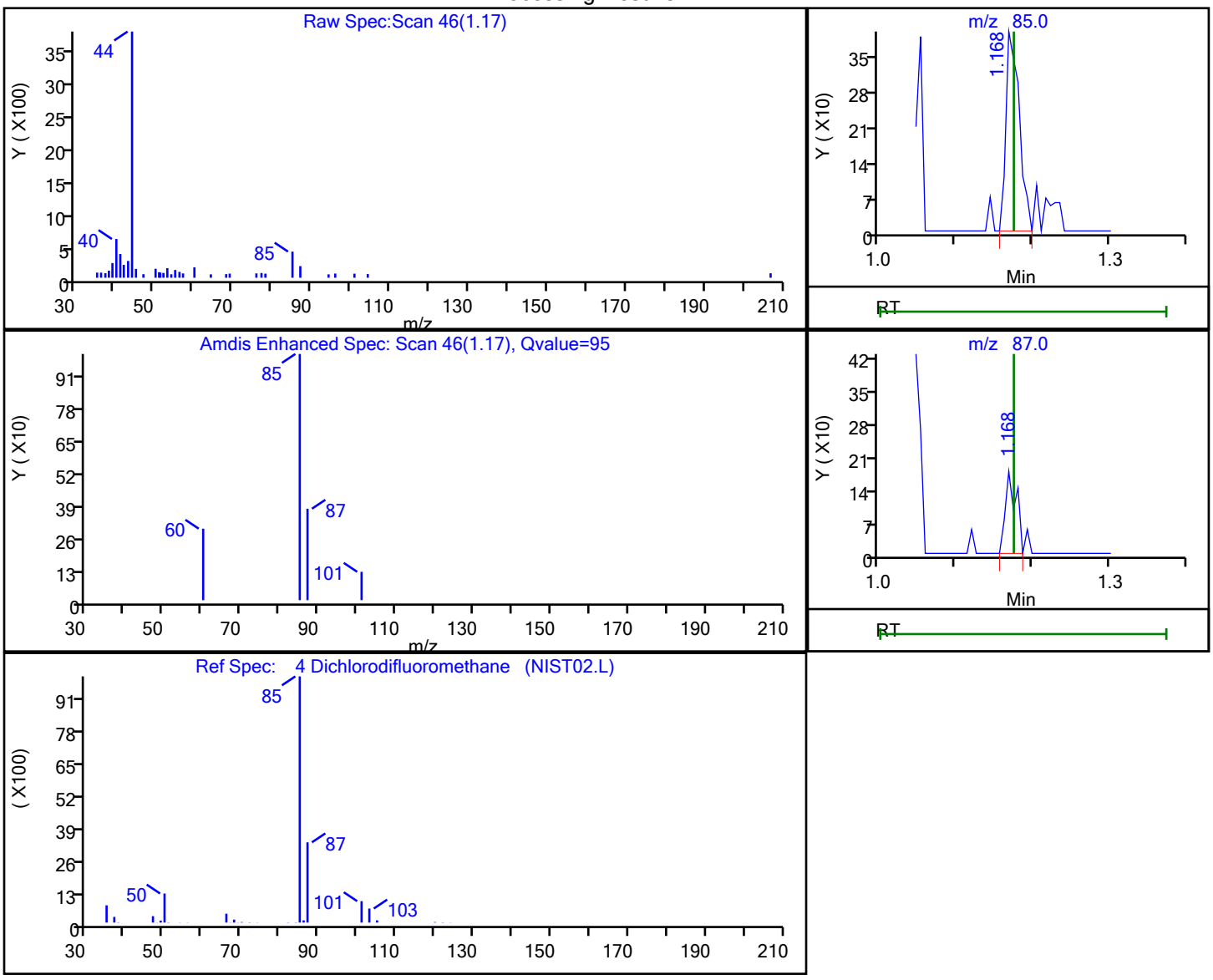
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.17	85.00	479	0.250000
1.17	87.00	175	

Reviewer: HVW2, 12-Oct-2022 23:53:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

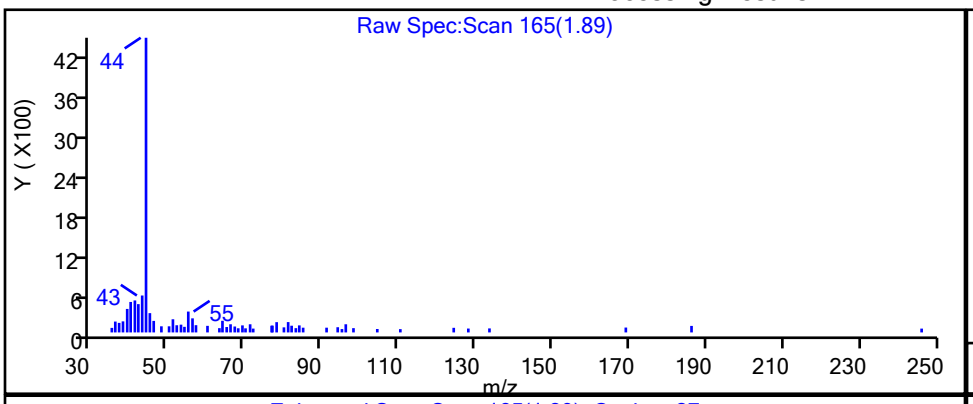
User Disabled Compound Report

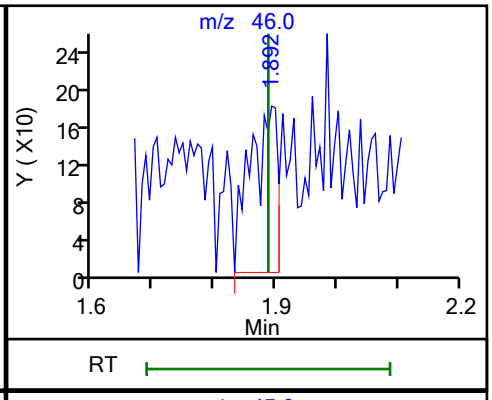
Eurofins Edison

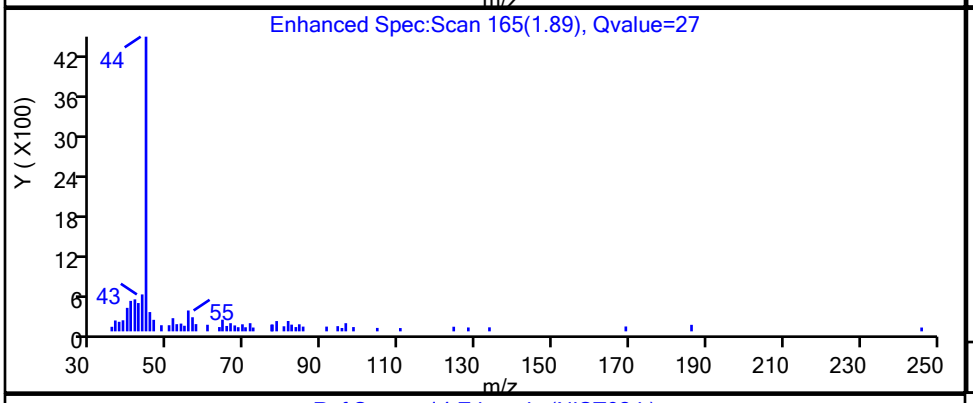
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

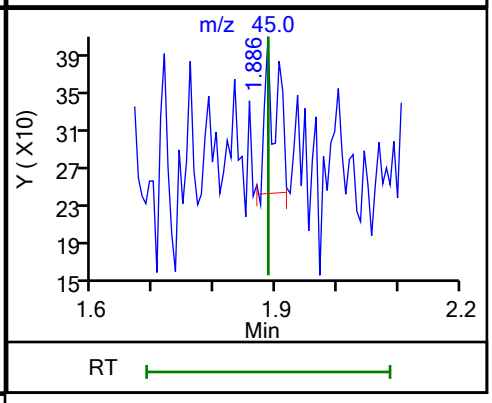
14 Ethanol, CAS: 64-17-5

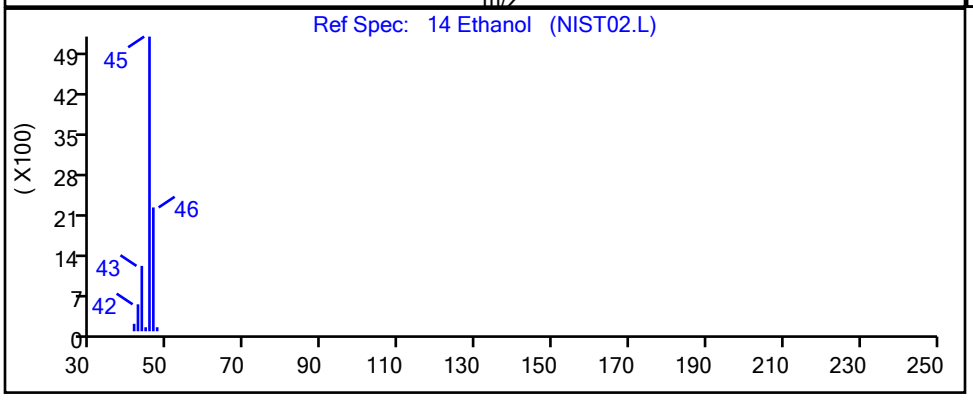
Processing Results











RT	Mass	Response	Amount
1.89	46.00	544	86.449483
1.89	45.00	224	

Reviewer: W9CM, 14-Oct-2022 14:49:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

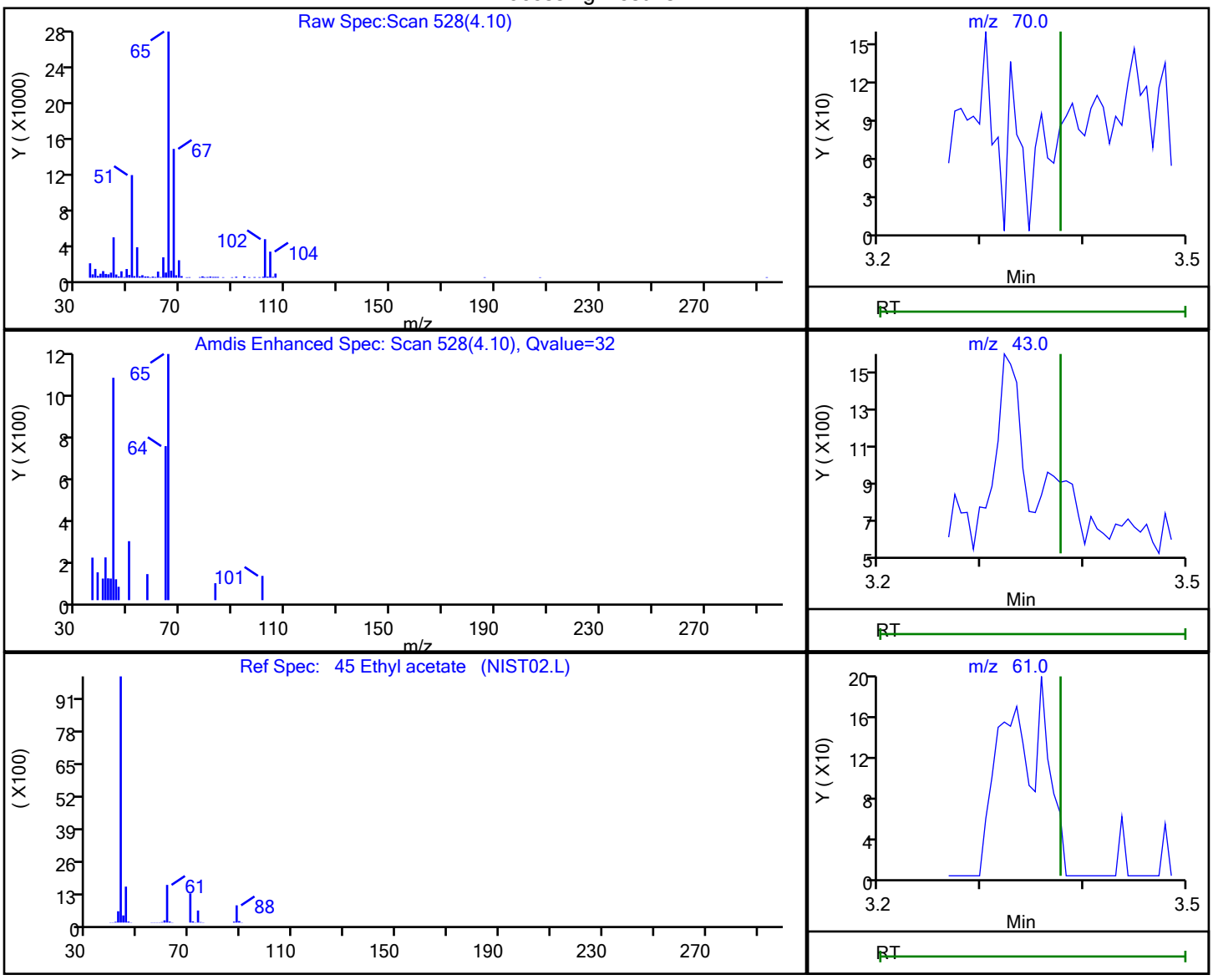
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.10	70.00	285	1.335082
4.09	43.00	295	
4.12	61.00	16	

Reviewer: W9CM, 14-Oct-2022 15:01:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

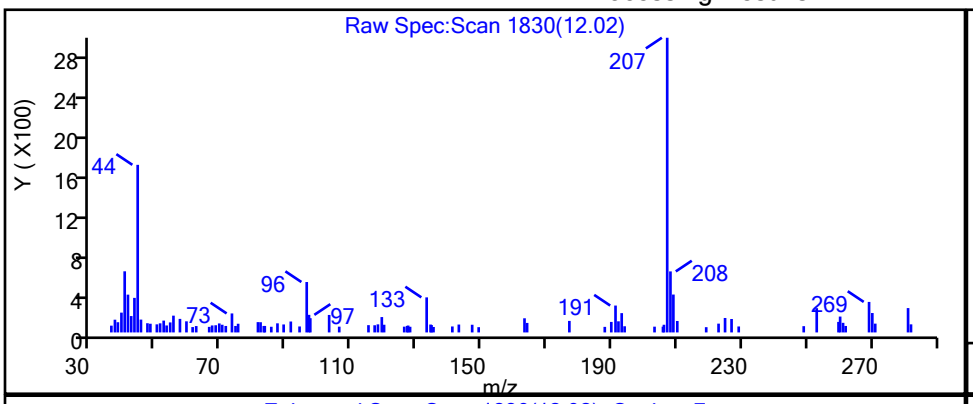
User Disabled Compound Report

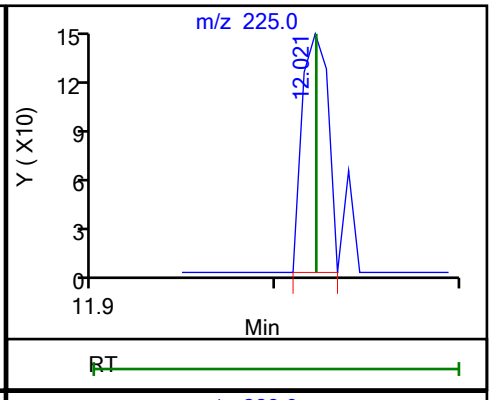
Eurofins Edison

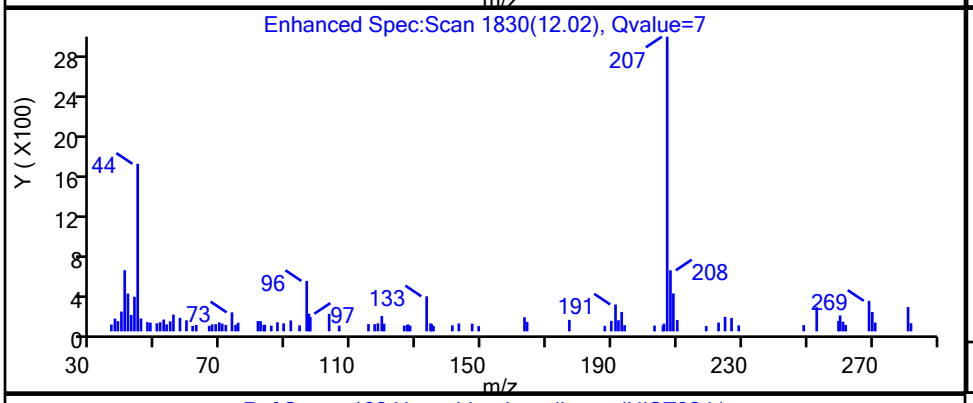
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

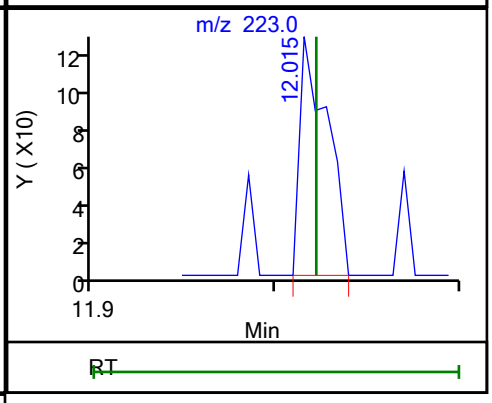
133 Hexachlorobutadiene, CAS: 87-68-3

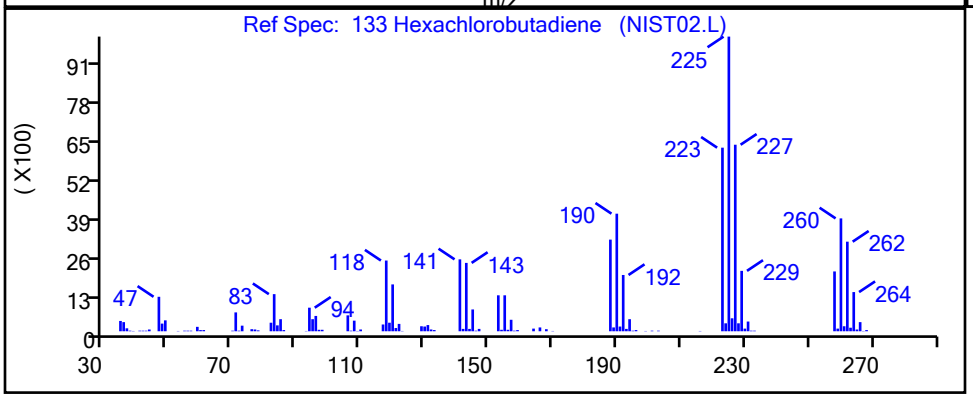
Processing Results











RT	Mass	Response	Amount
12.02	225.00	141	0.131871
12.02	223.00	132	

Reviewer: W9CM, 14-Oct-2022 15:03:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

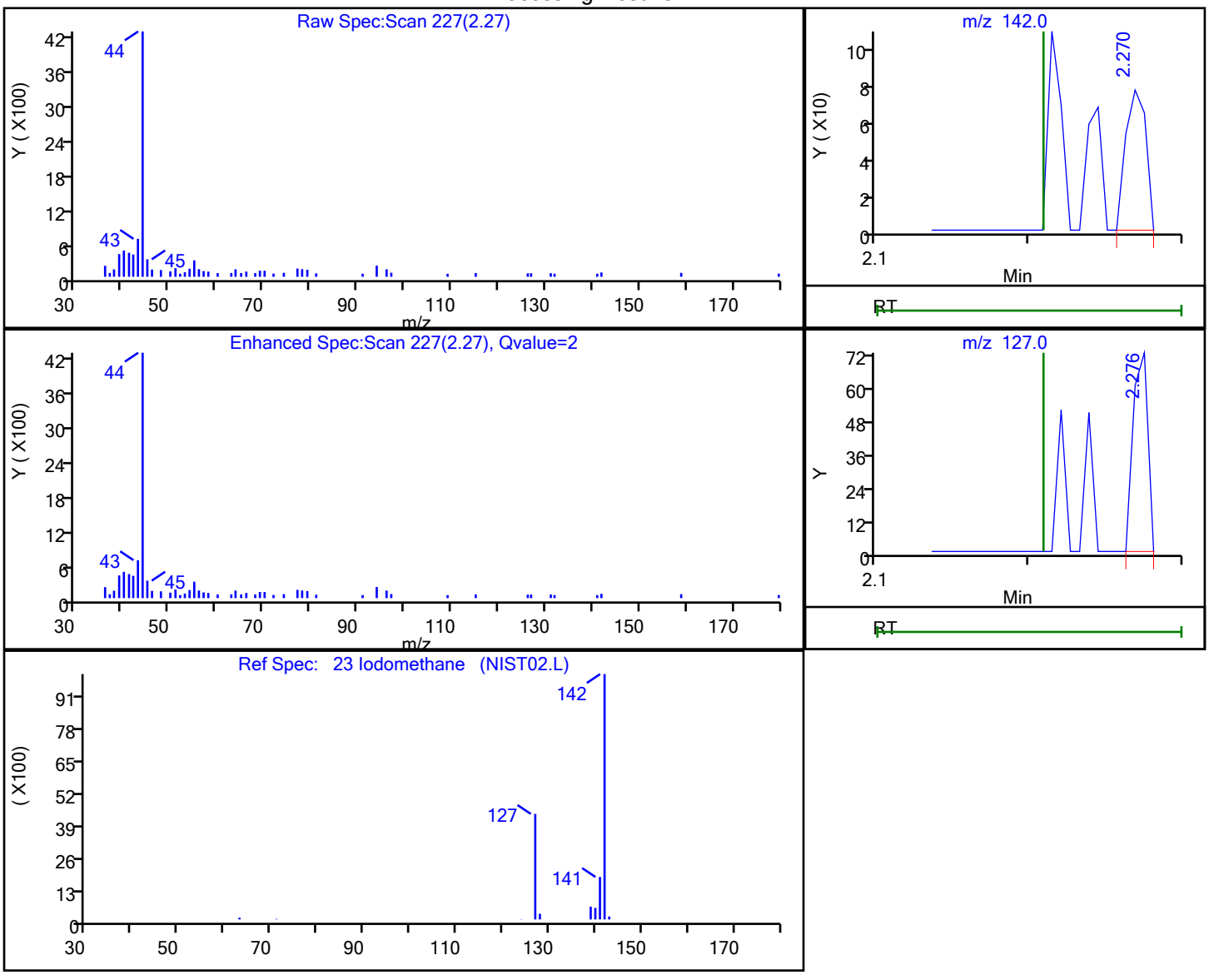
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Processing Results



RT	Mass	Response	Amount
2.27	142.00	68	0.026985
2.28	127.00	49	

Reviewer: W9CM, 14-Oct-2022 15:00:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

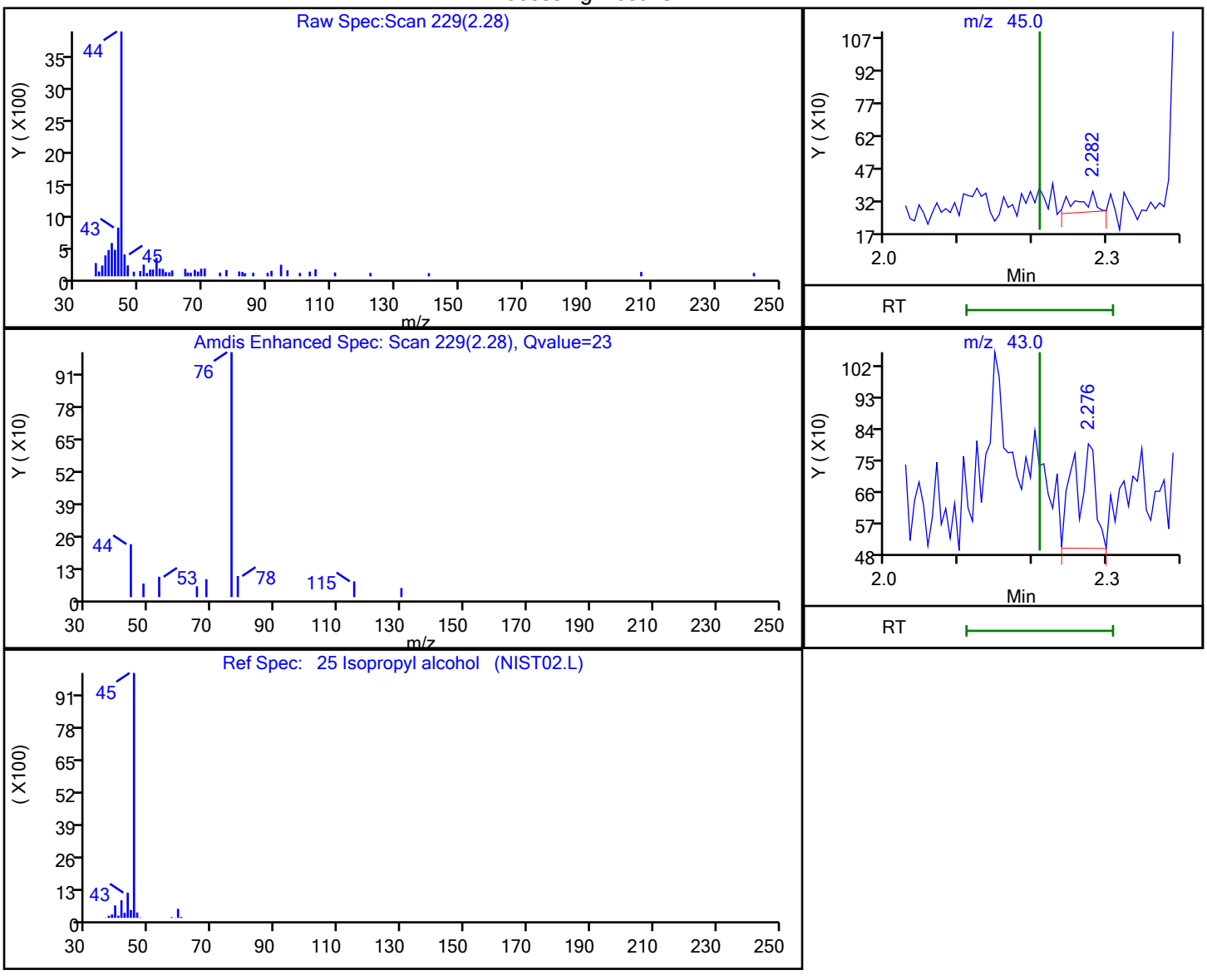
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.28	45.00	155	1.679015
2.28	43.00	601	

Reviewer: W9CM, 14-Oct-2022 15:00:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

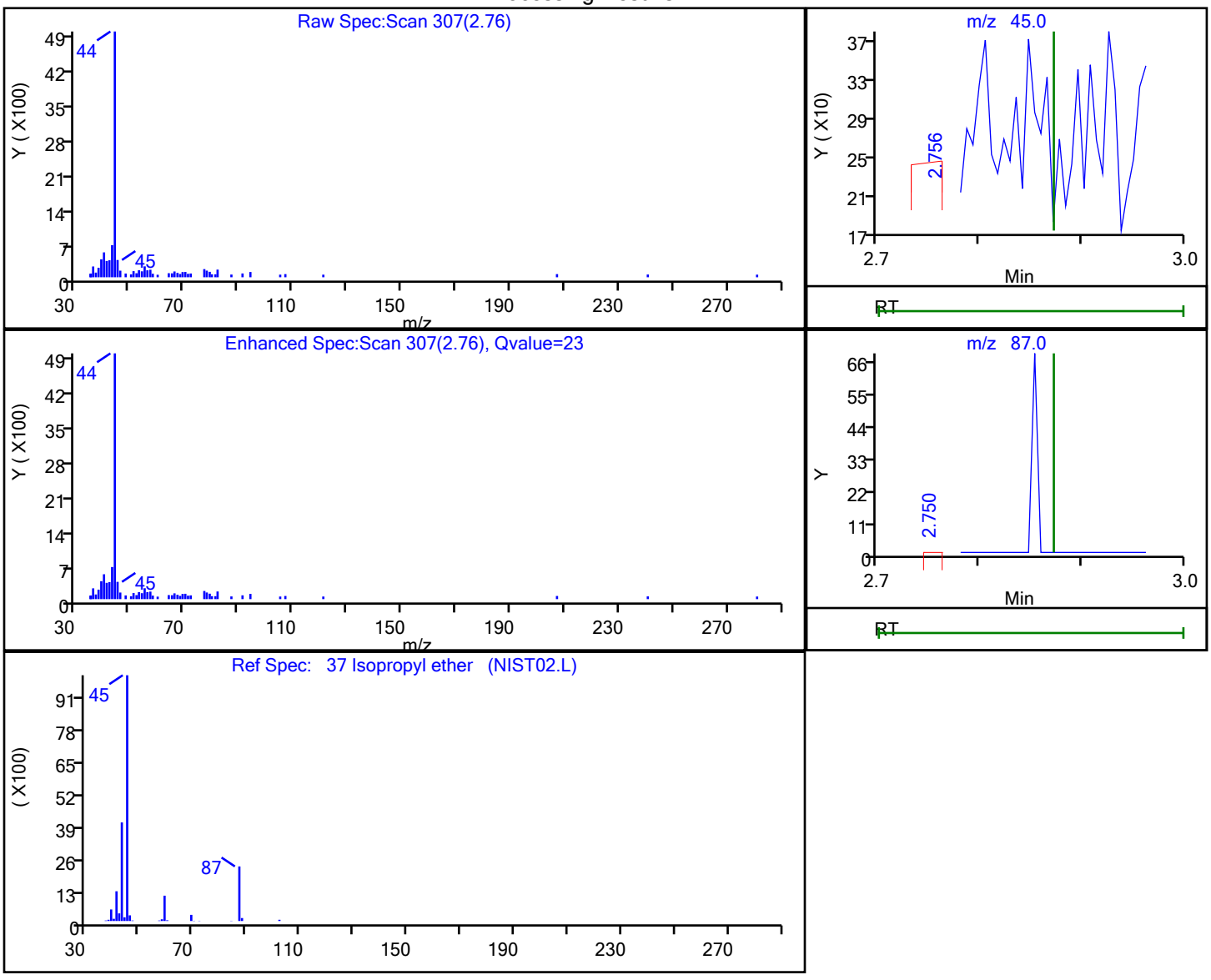
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

37 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.76	45.00	124	0.013315
2.75	87.00	46	

Reviewer: W9CM, 14-Oct-2022 15:01:31

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

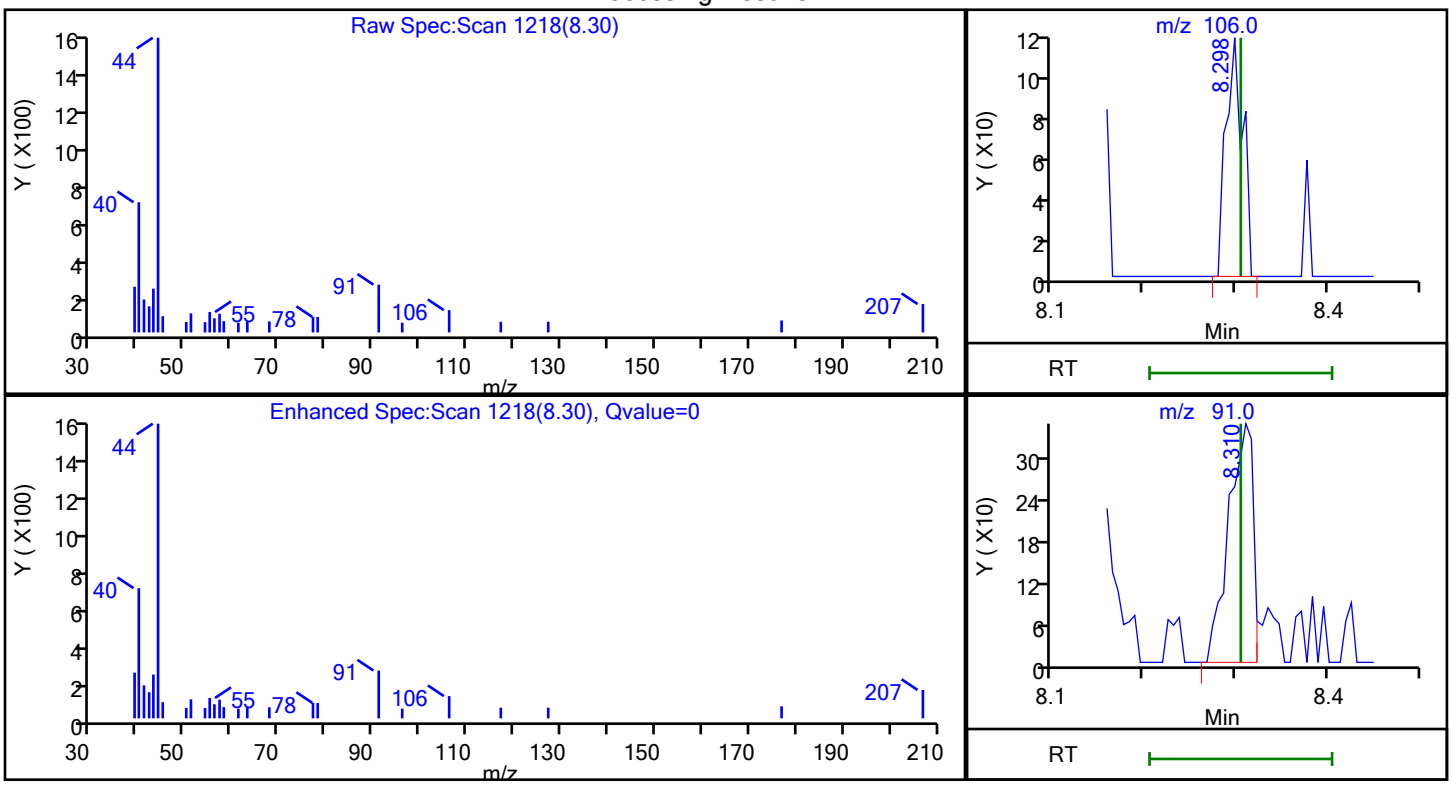
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.30	106.00	150	0.037266
8.31	91.00	634	

Reviewer: W9CM, 14-Oct-2022 15:02:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

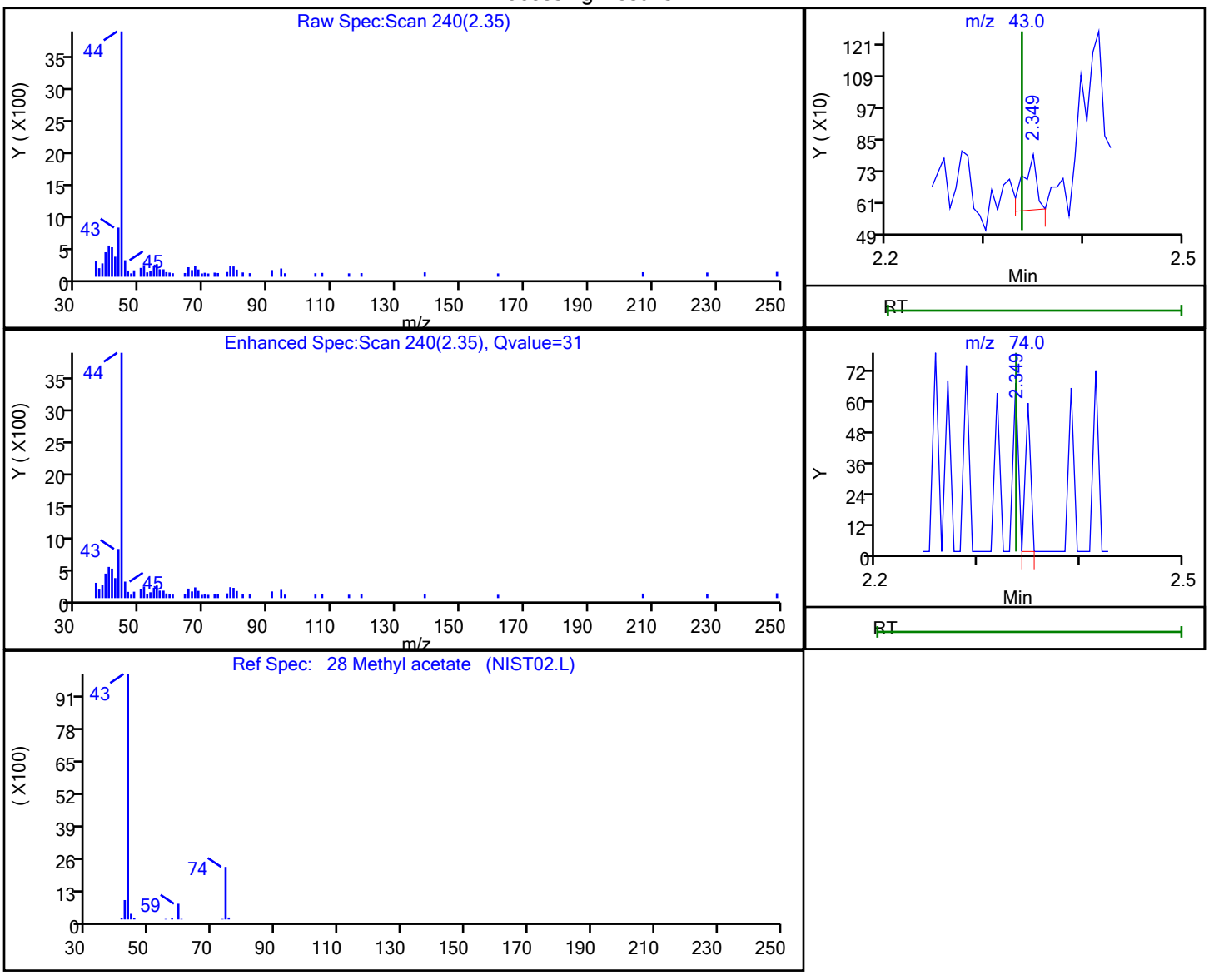
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.35	43.00	200	0.104410
2.35	74.00	22	

Reviewer: W9CM, 14-Oct-2022 15:01:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

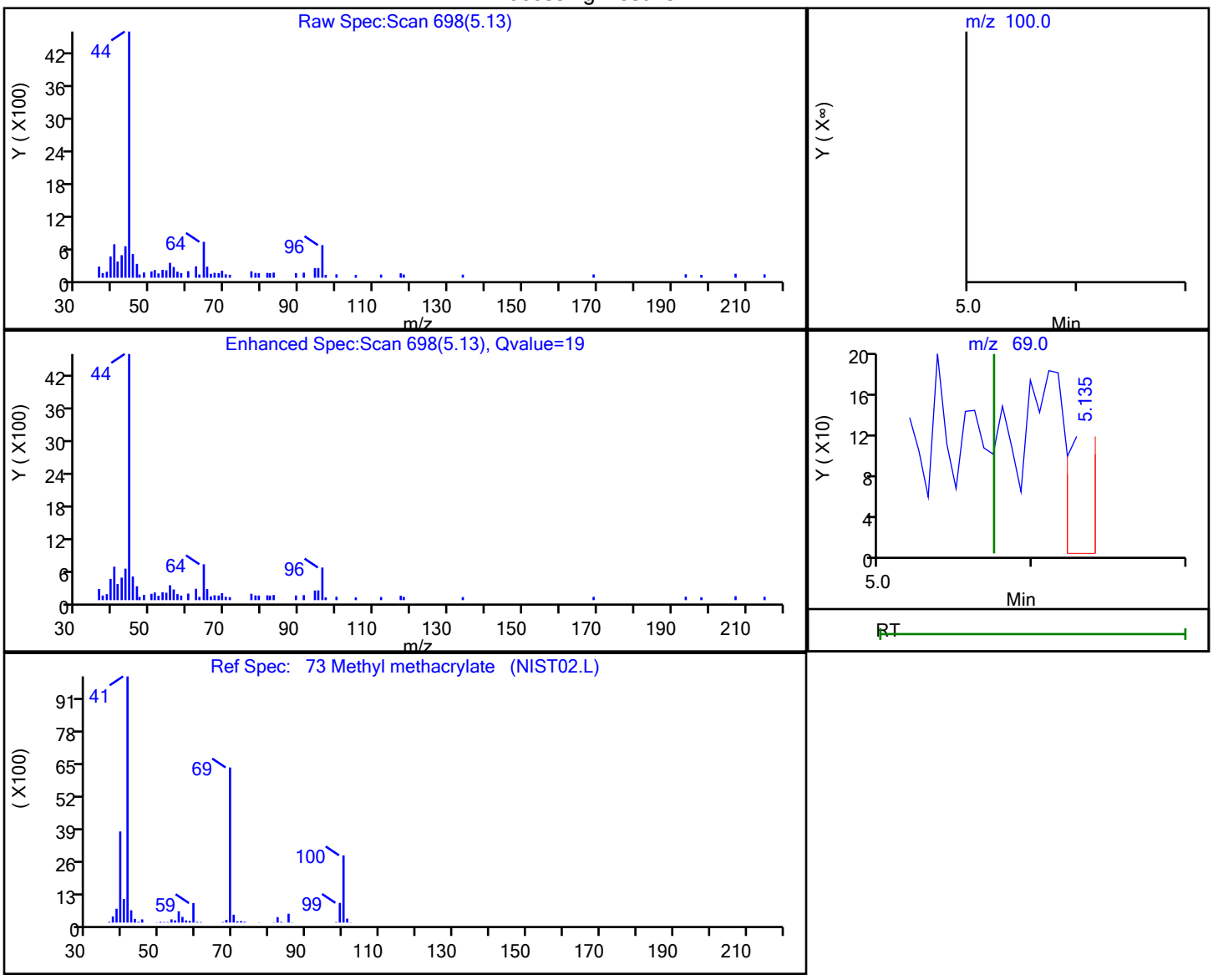
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

73 Methyl methacrylate, CAS: 80-62-6

Processing Results



RT	Mass	Response	Amount
5.13	100.00	43	0.096020
5.13	69.00	143	

Reviewer: W9CM, 14-Oct-2022 15:02:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

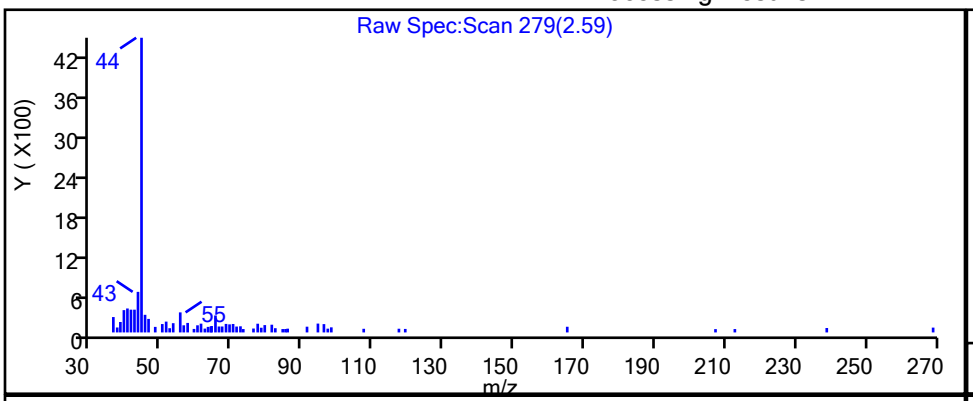
User Disabled Compound Report

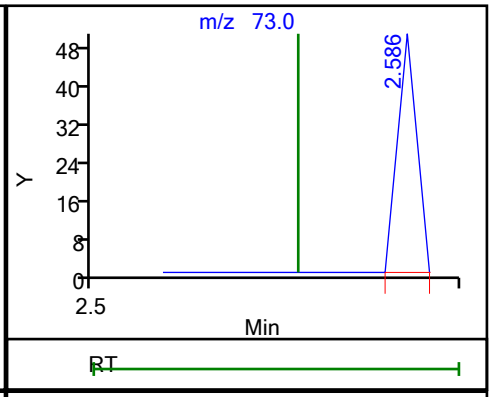
Eurofins Edison

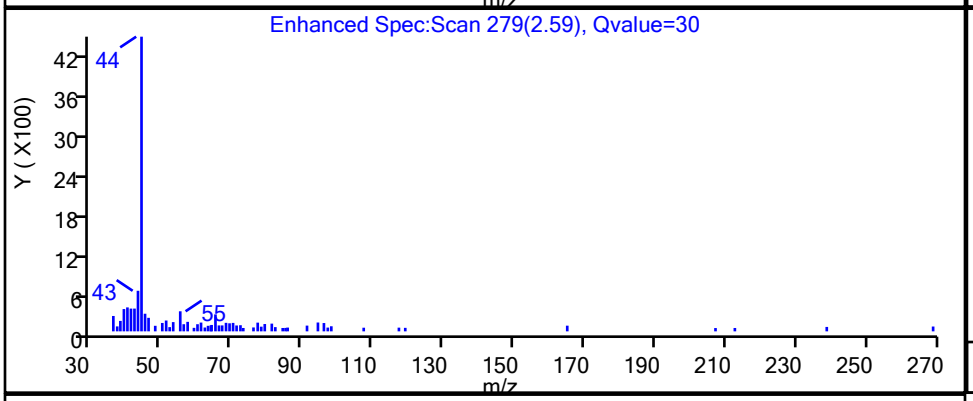
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

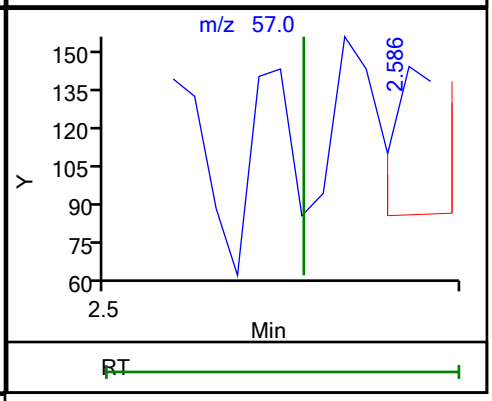
33 Methyl tert-butyl ether, CAS: 1634-04-4

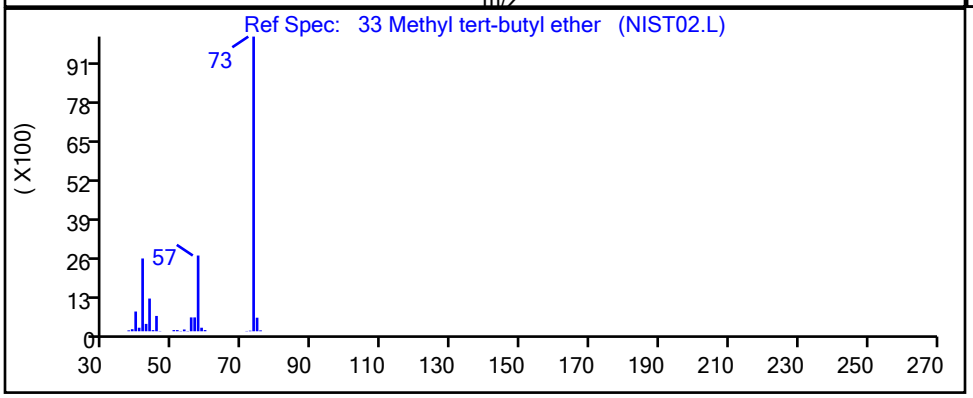
Processing Results











RT	Mass	Response	Amount
2.59	73.00	19	0.003118
2.59	57.00	51	

Reviewer: W9CM, 14-Oct-2022 15:01:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

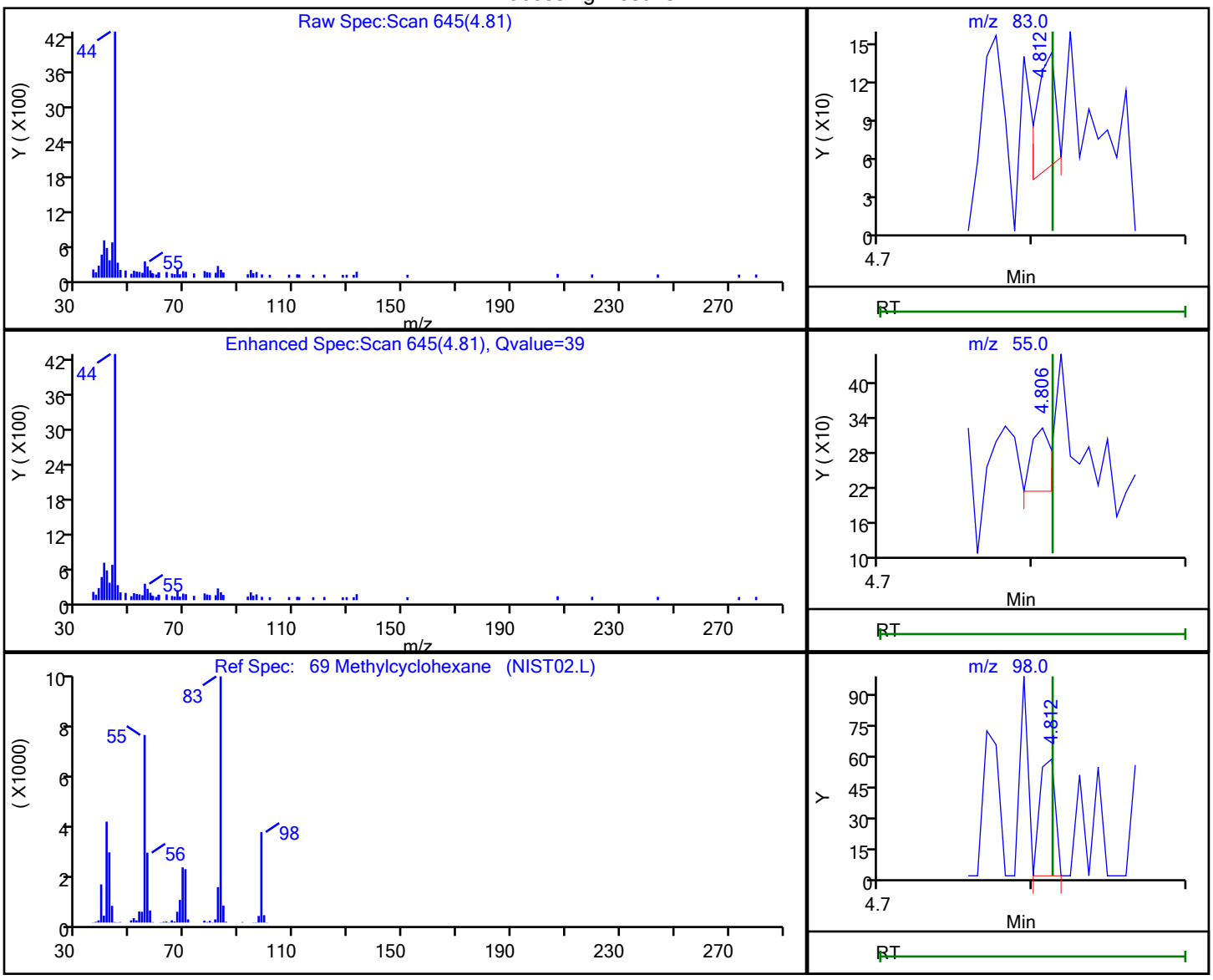
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
4.81	83.00	74	0.026220
4.81	55.00	96	
4.81	98.00	41	

Reviewer: W9CM, 14-Oct-2022 15:02:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

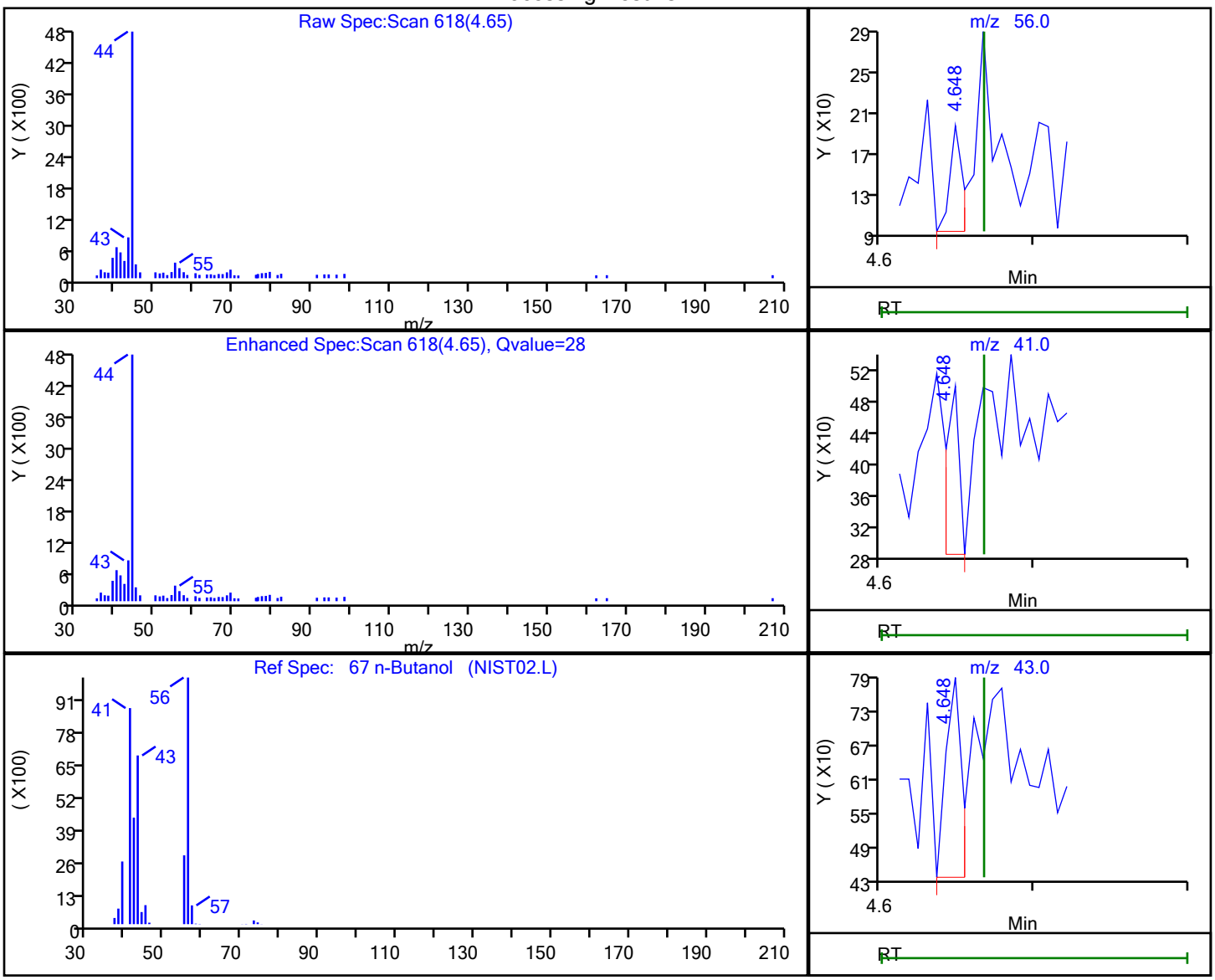
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
4.65	56.00	57	1.801659
4.65	41.00	126	
4.65	43.00	257	

Reviewer: W9CM, 14-Oct-2022 15:02:11
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

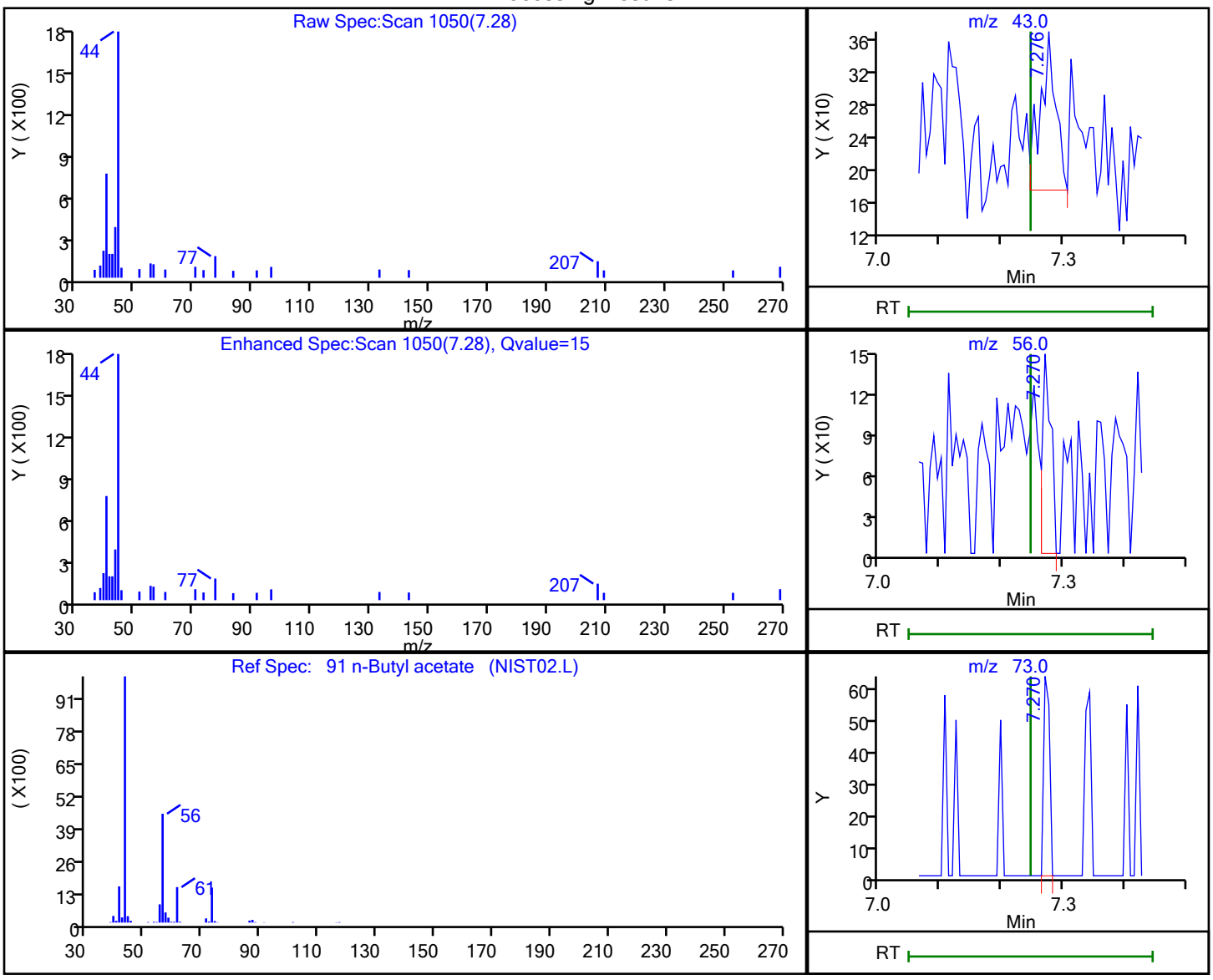
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

91 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.28	43.00	332	0.070265
7.27	56.00	144	
7.27	73.00	43	

Reviewer: W9CM, 14-Oct-2022 15:02:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

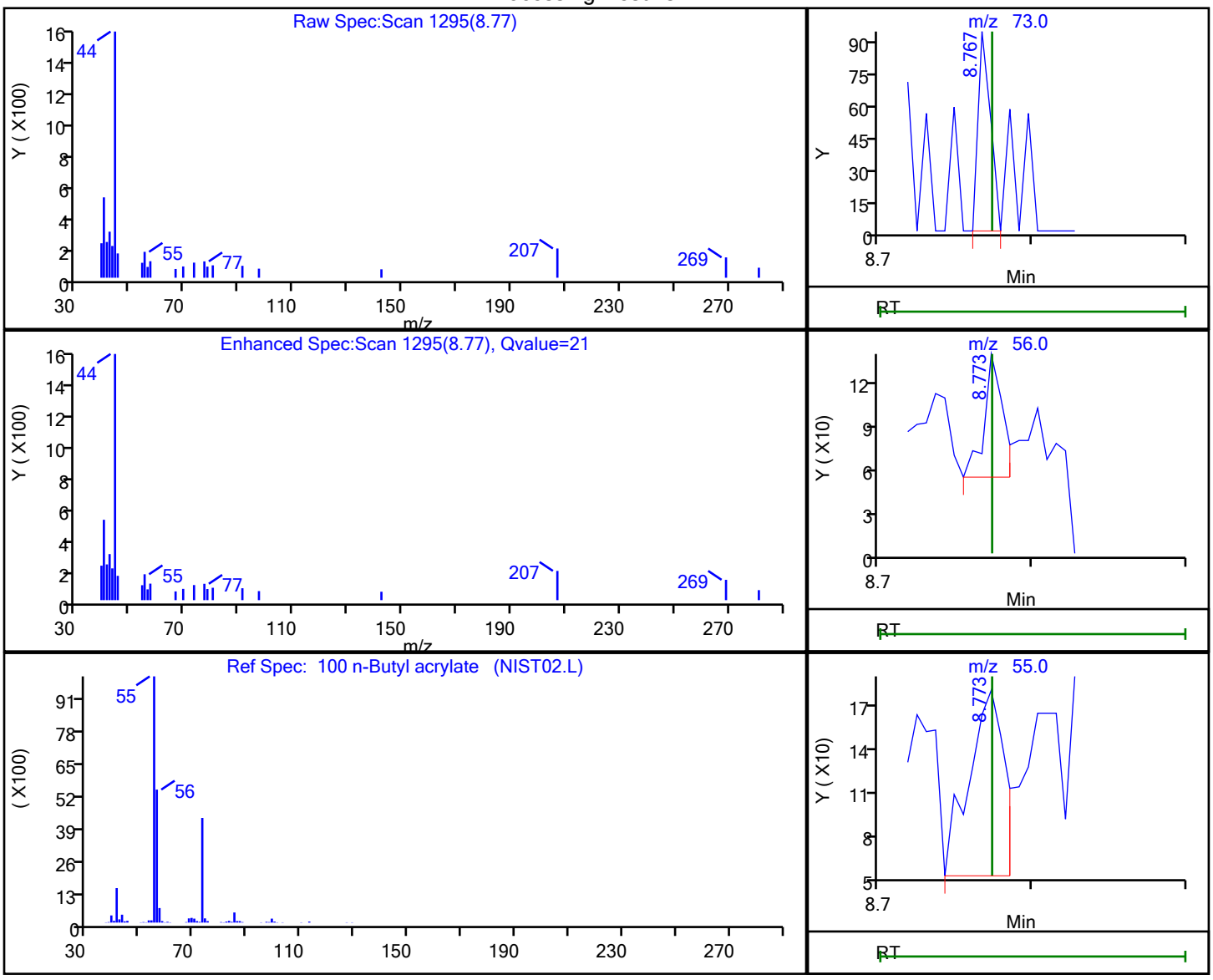
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

100 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.77	73.00	53	0.025916
8.77	56.00	71	
8.77	55.00	197	

Reviewer: W9CM, 14-Oct-2022 15:02:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

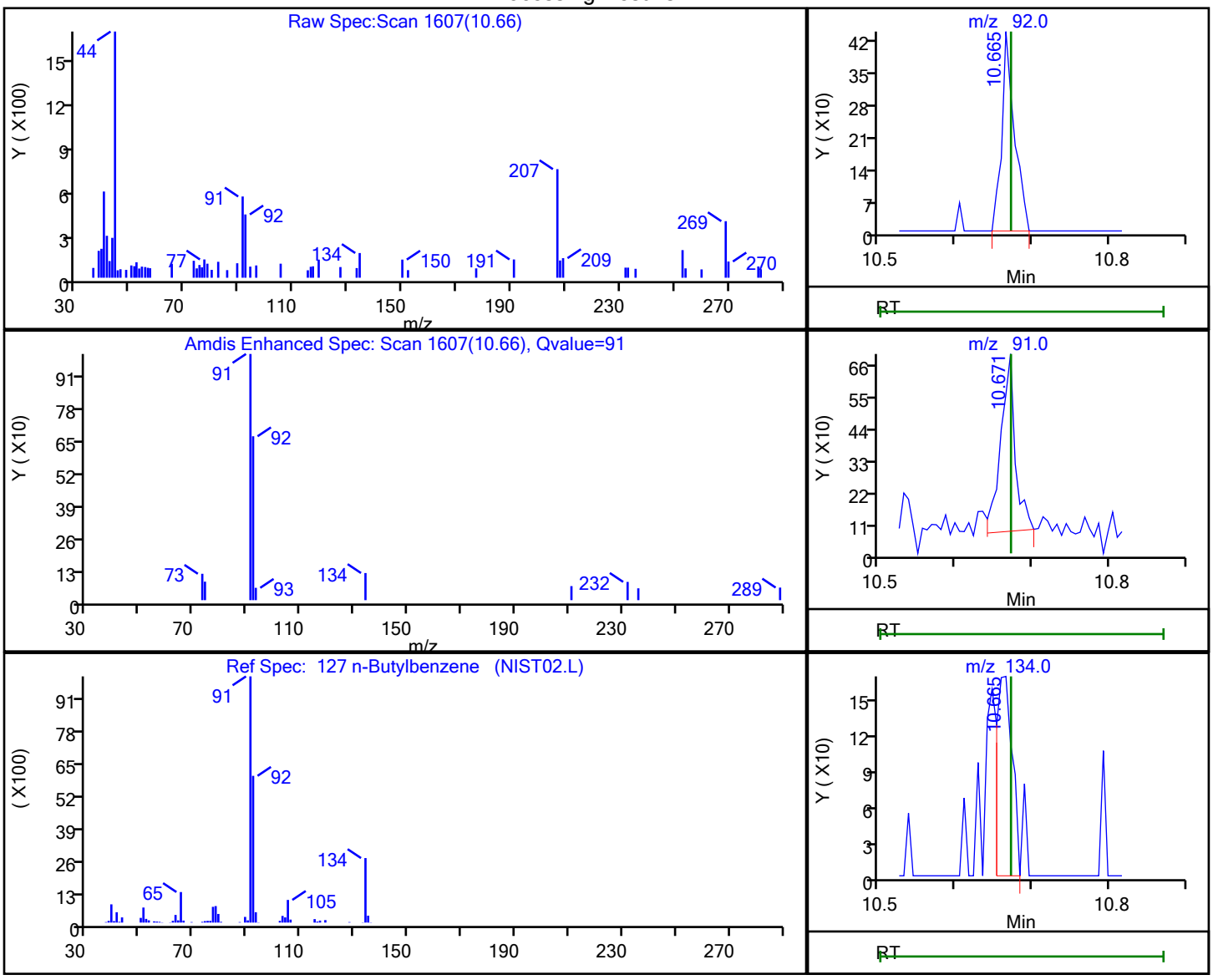
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
10.66	92.00	499	0.112592
10.67	91.00	817	
10.66	134.00	242	

Reviewer: W9CM, 14-Oct-2022 15:03:13

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

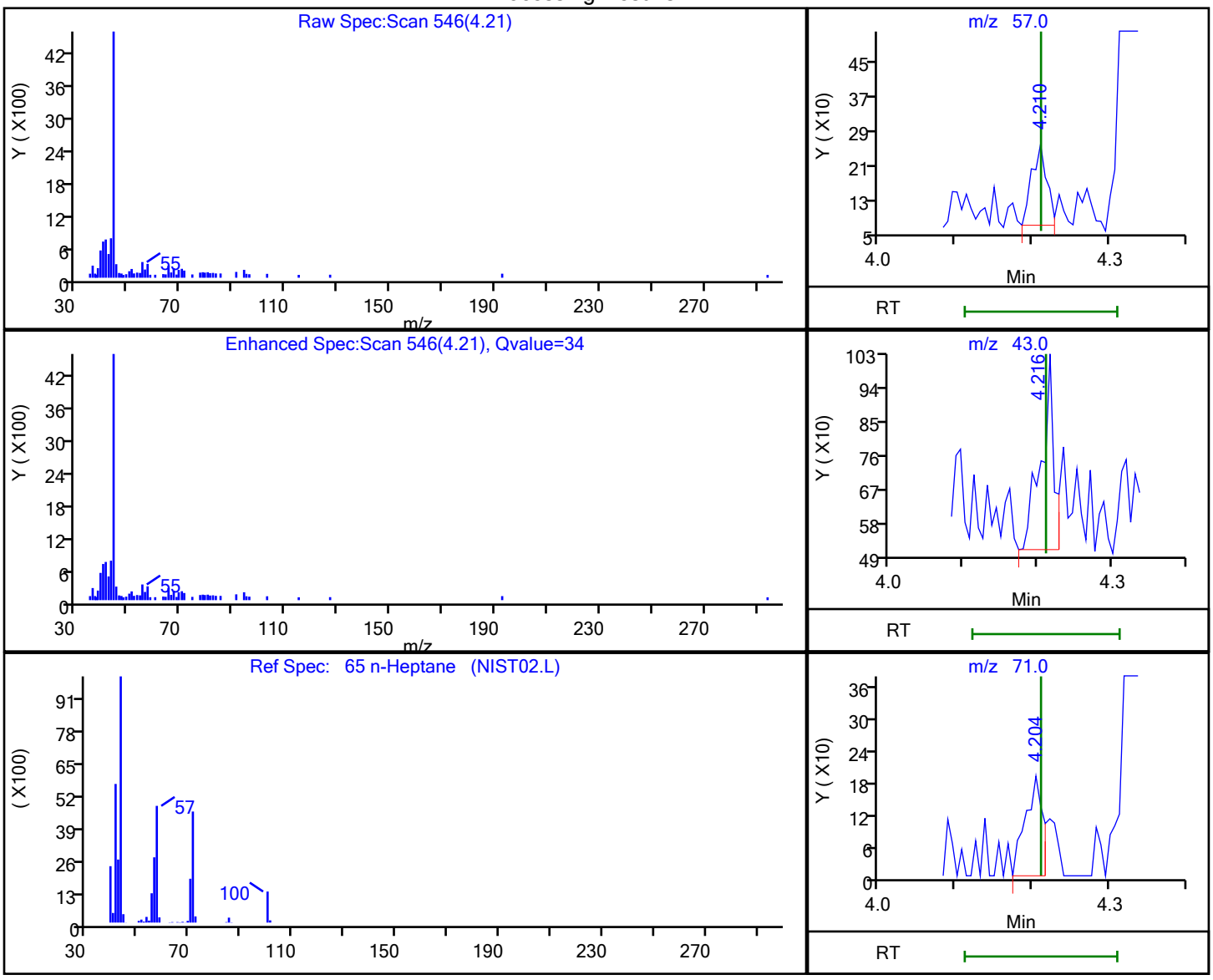
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
4.21	57.00	256	0.229624
4.22	43.00	631	
4.20	71.00	300	

Reviewer: W9CM, 14-Oct-2022 15:02:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

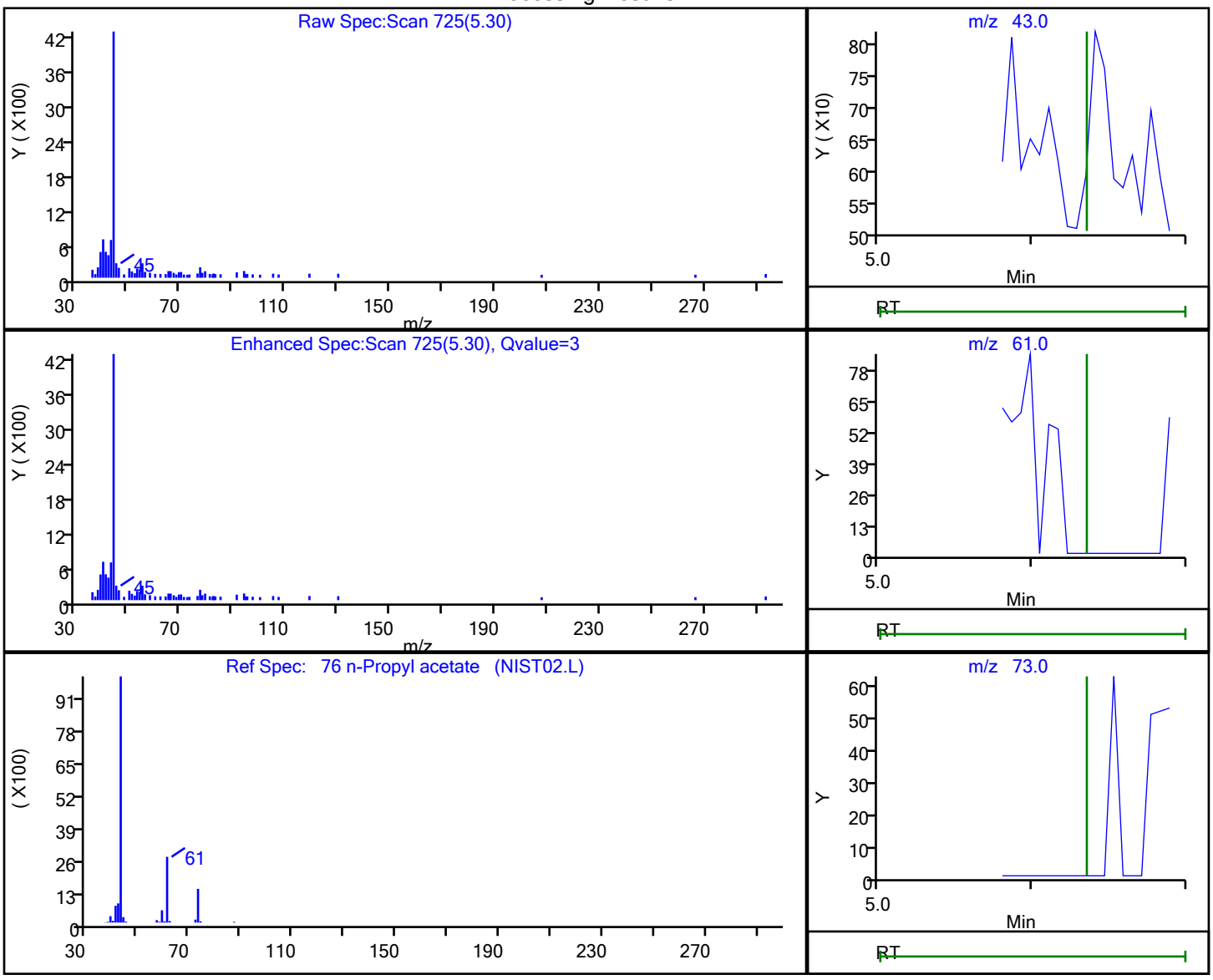
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
5.30	43.00	97	0.025954
5.29	61.00	19	
5.31	73.00	54	

Reviewer: W9CM, 14-Oct-2022 15:02:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

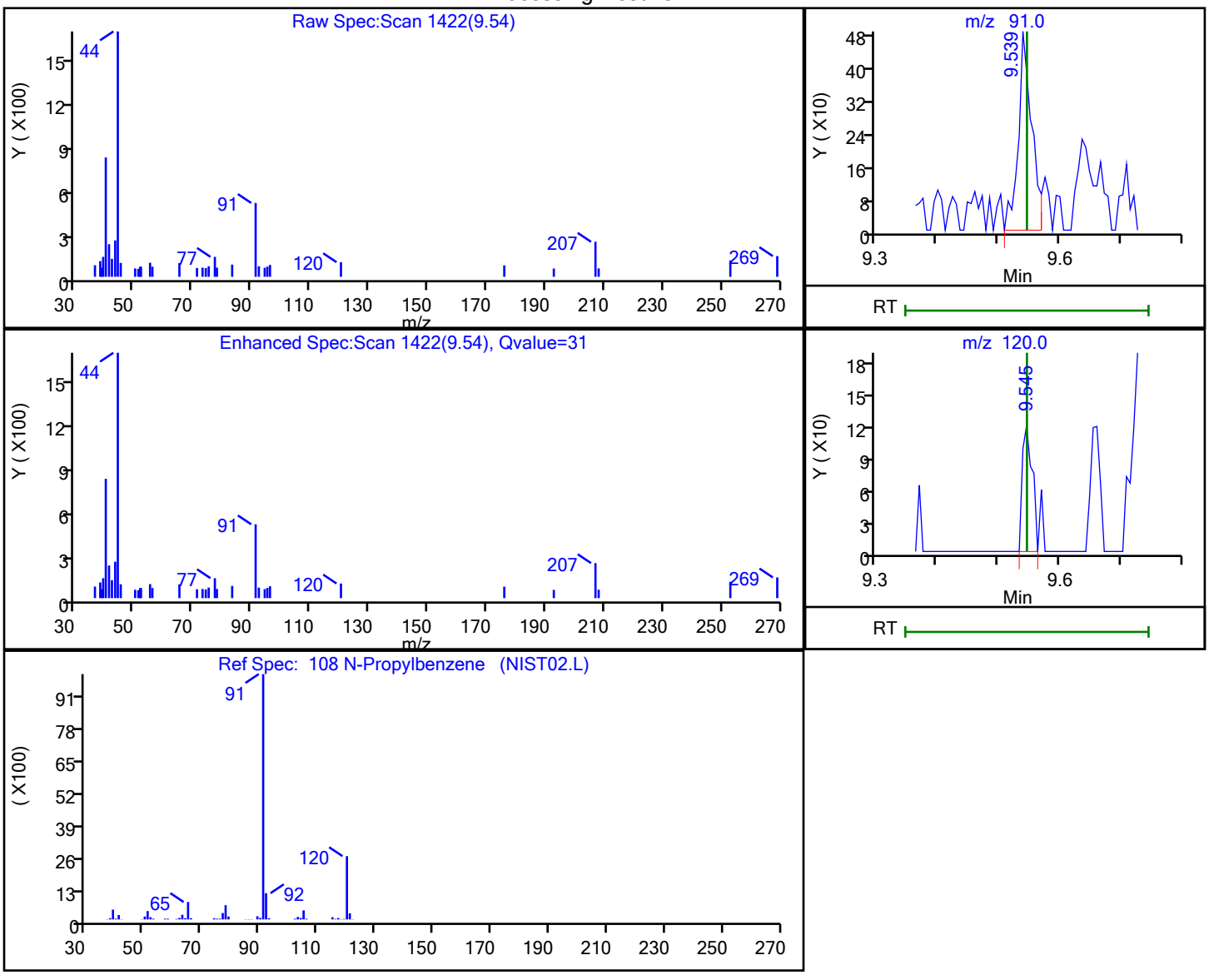
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

108 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
9.54	91.00	747	0.059634
9.55	120.00	134	

Reviewer: W9CM, 14-Oct-2022 15:02:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

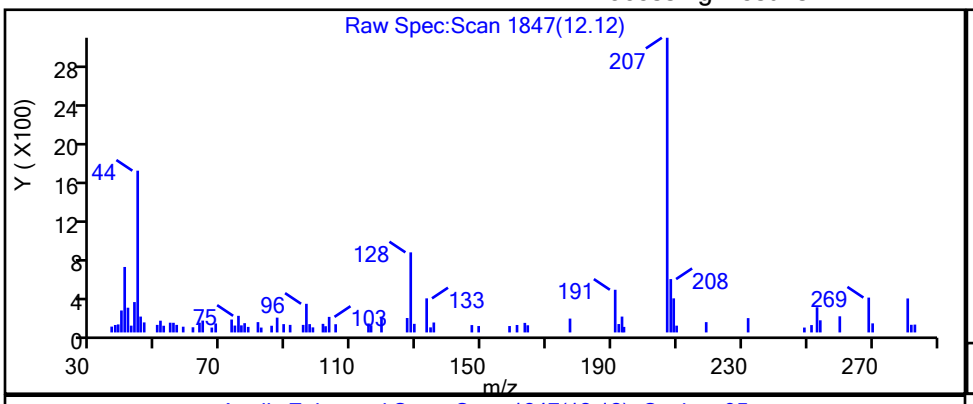
User Disabled Compound Report

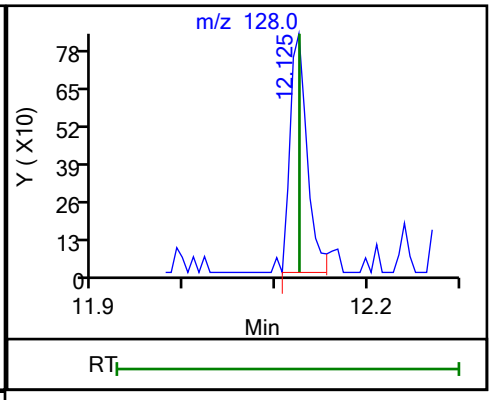
Eurofins Edison

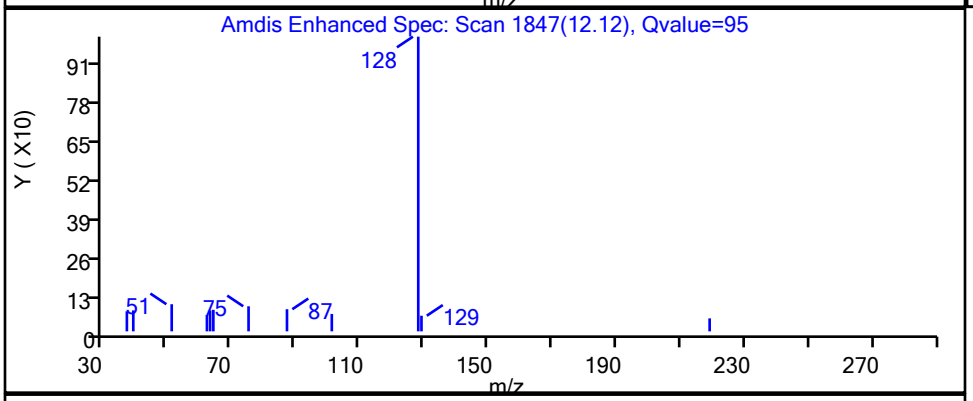
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

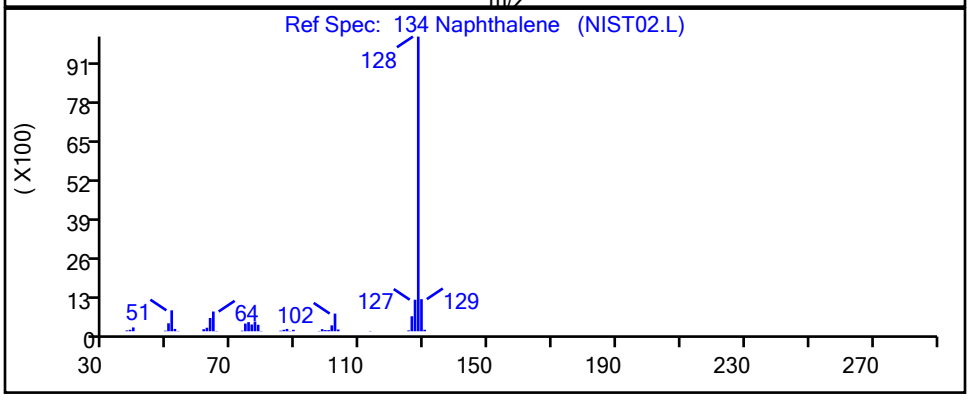
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
12.12	128.00	1084	0.135480

Reviewer: W9CM, 14-Oct-2022 15:03:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

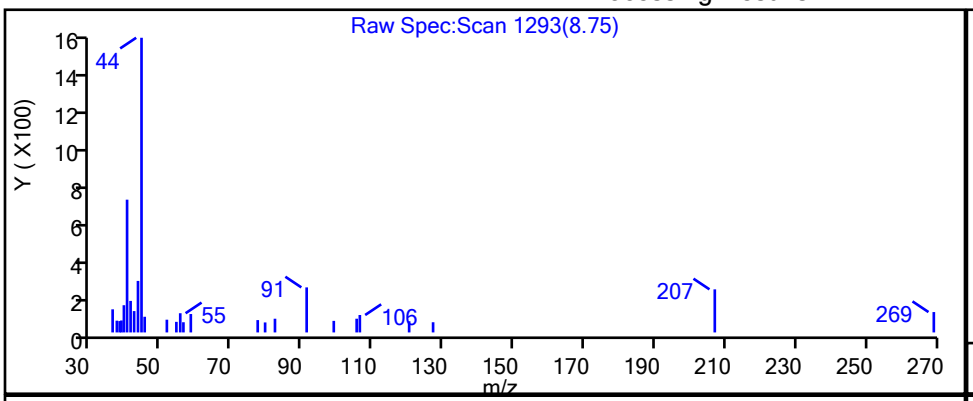
User Disabled Compound Report

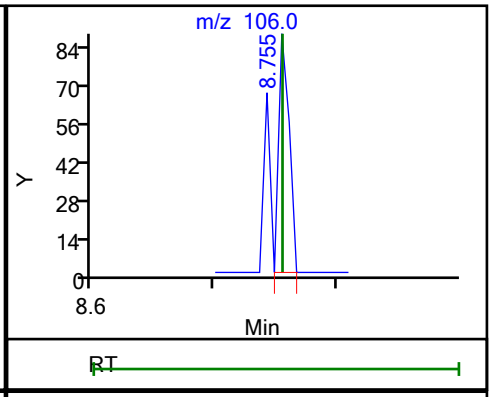
Eurofins Edison

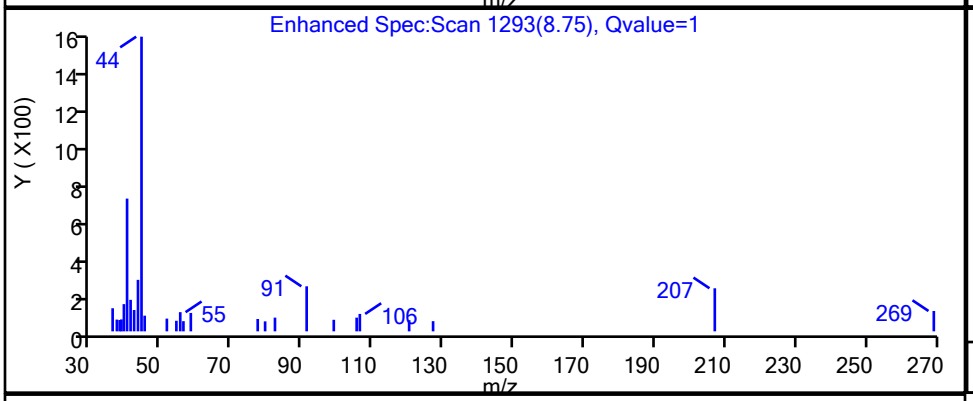
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

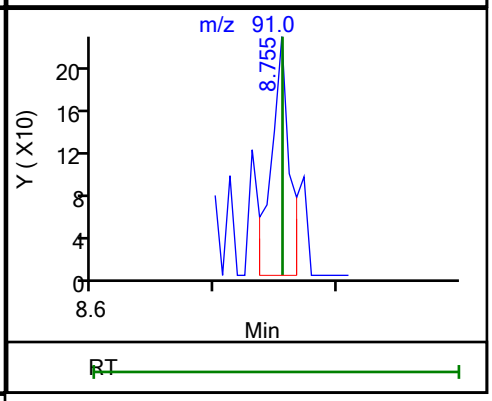
99 o-Xylene, CAS: 95-47-6

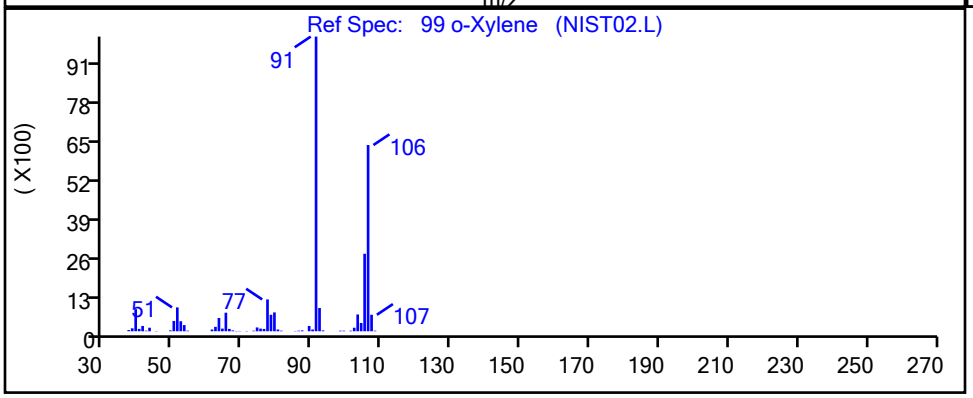
Processing Results











RT	Mass	Response	Amount
8.75	106.00	53	0.013096
8.75	91.00	243	

Reviewer: W9CM, 14-Oct-2022 15:02:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

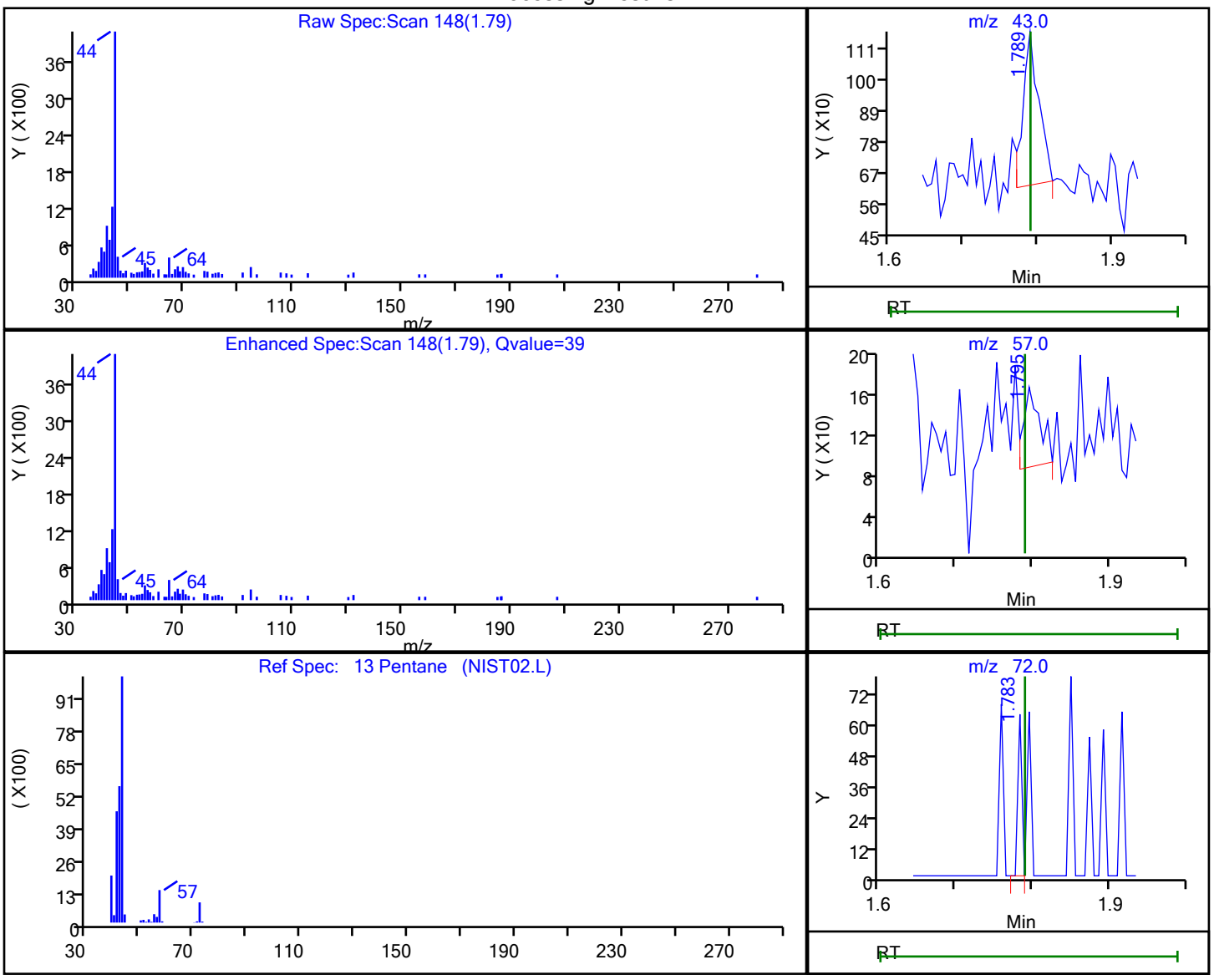
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
1.79	43.00	813	0.208012
1.80	57.00	116	
1.78	72.00	23	

Reviewer: W9CM, 14-Oct-2022 14:49:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

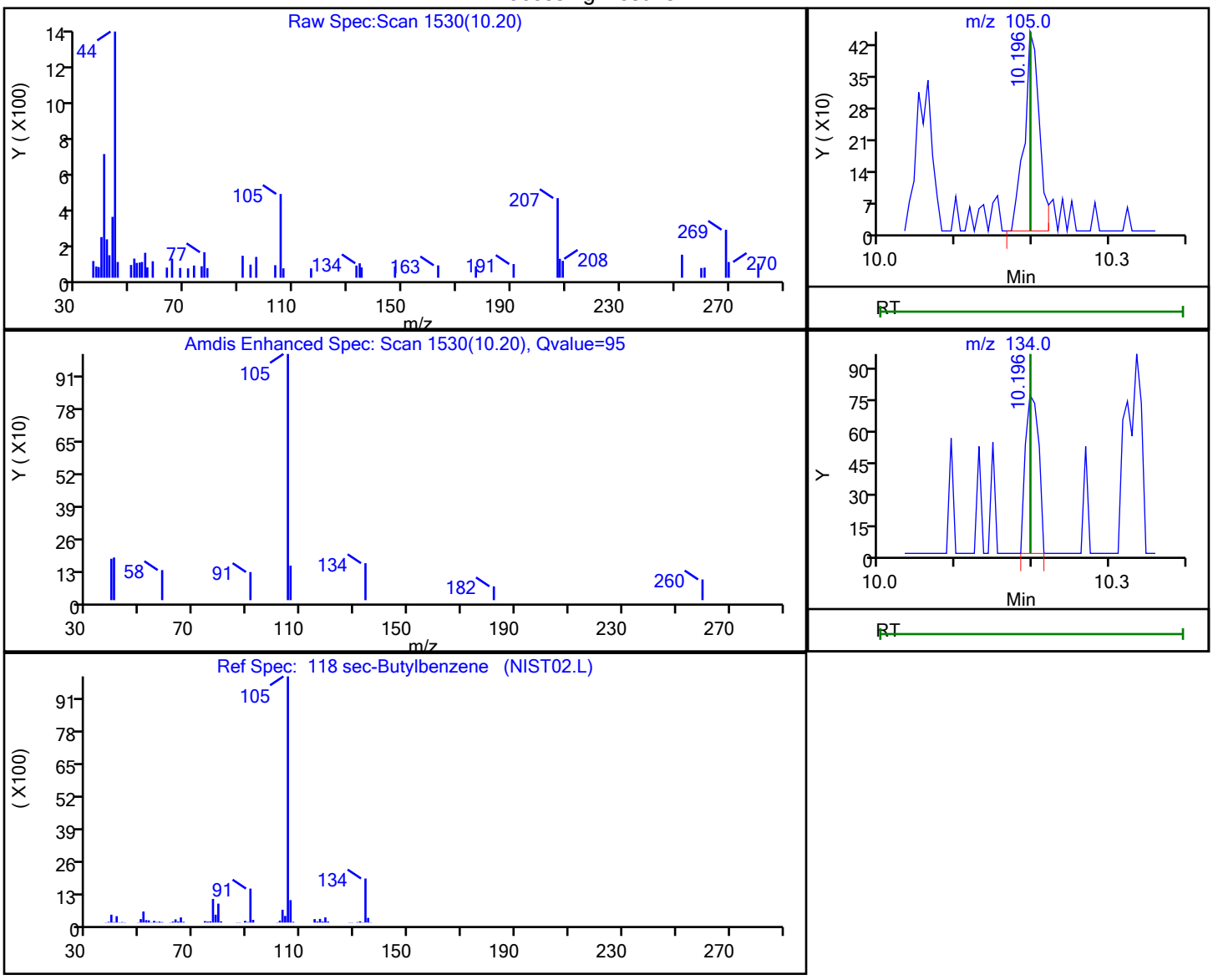
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.20	105.00	611	0.064246
10.20	134.00	93	

Reviewer: W9CM, 14-Oct-2022 15:03:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

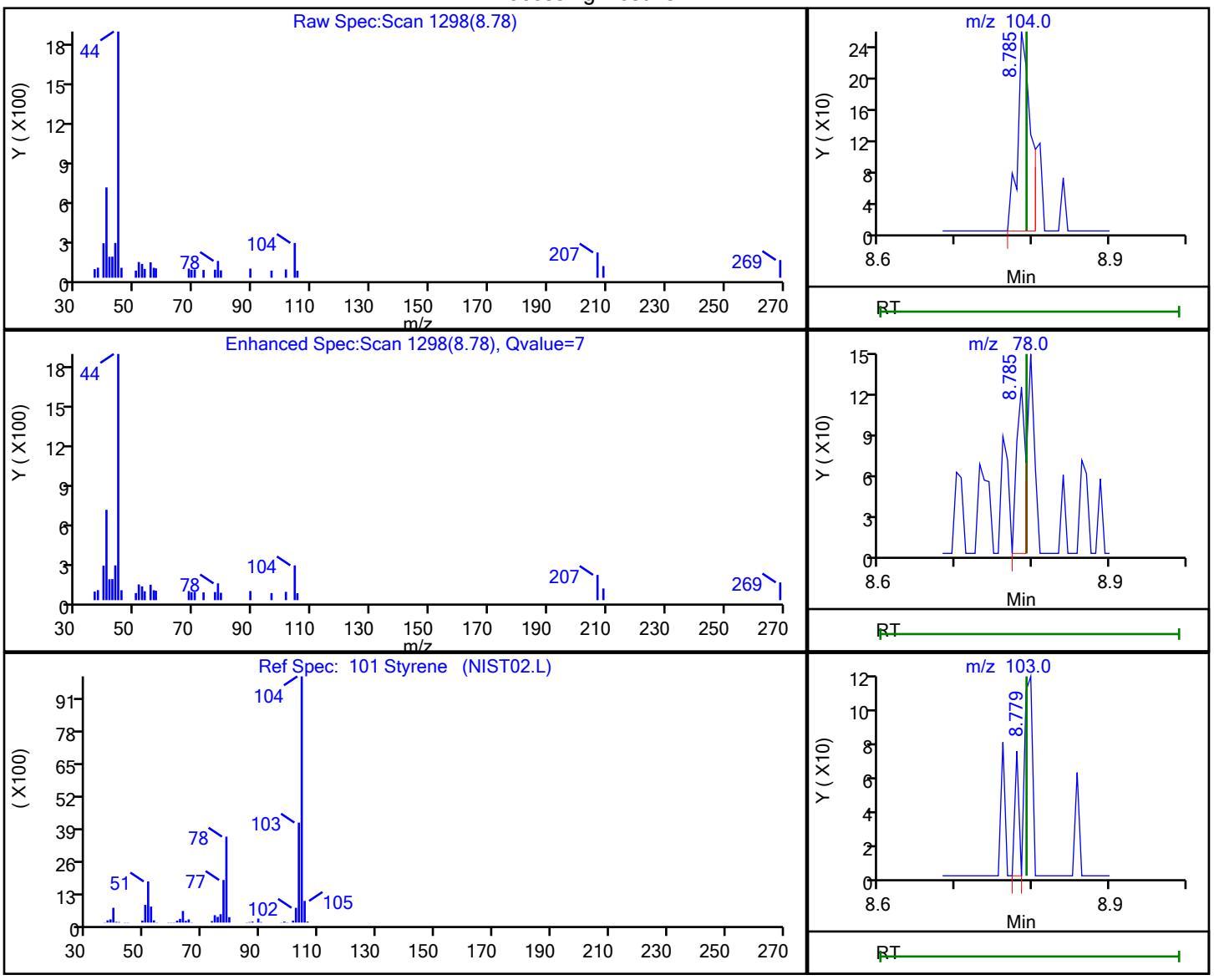
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

101 Styrene, CAS: 100-42-5

Processing Results



RT	Mass	Response	Amount
8.78	104.00	304	0.043824
8.78	78.00	101	
8.78	103.00	26	

Reviewer: W9CM, 14-Oct-2022 15:02:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

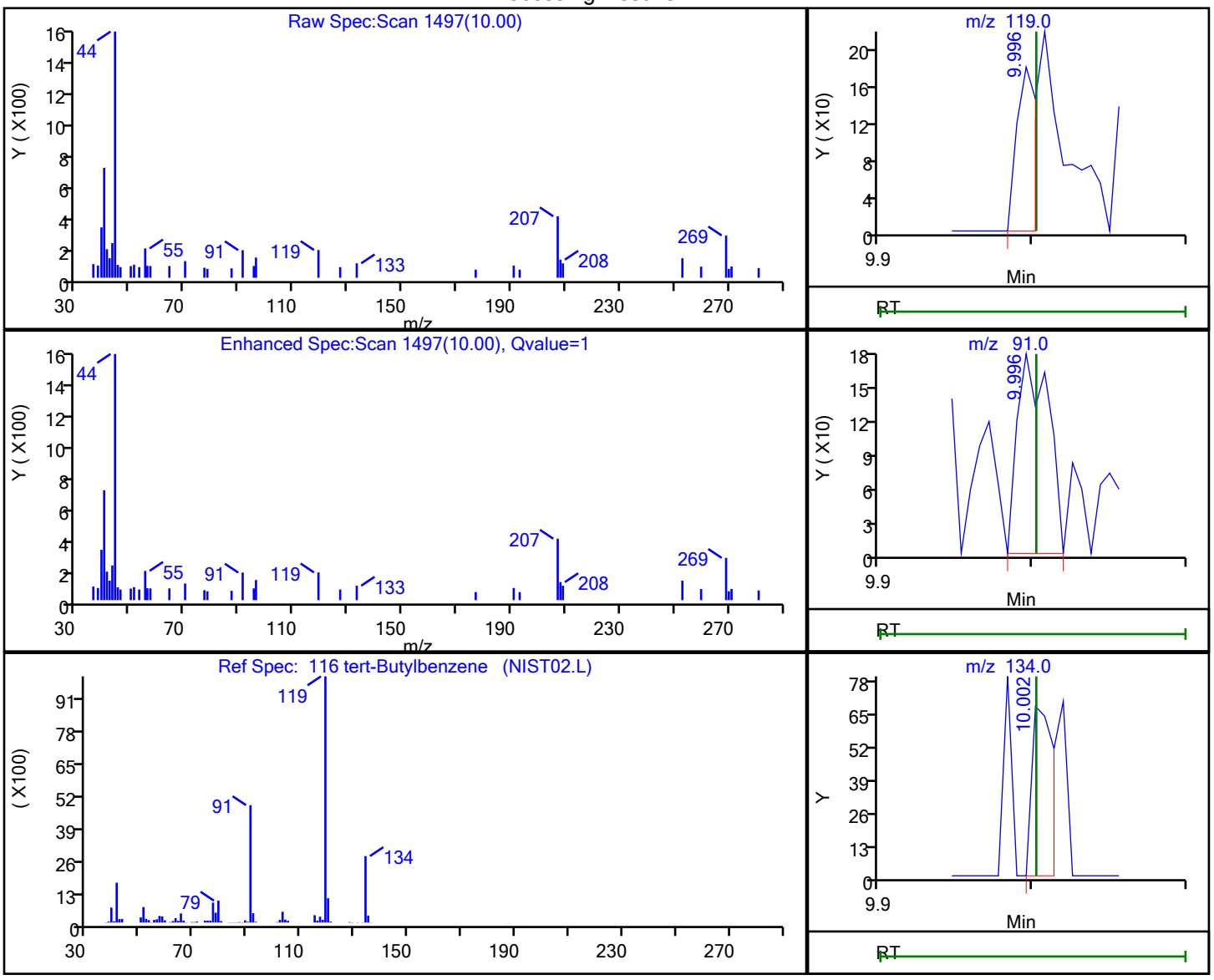
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.00	119.00	157	0.024857
10.00	91.00	248	
10.00	134.00	67	

Reviewer: W9CM, 14-Oct-2022 15:02:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

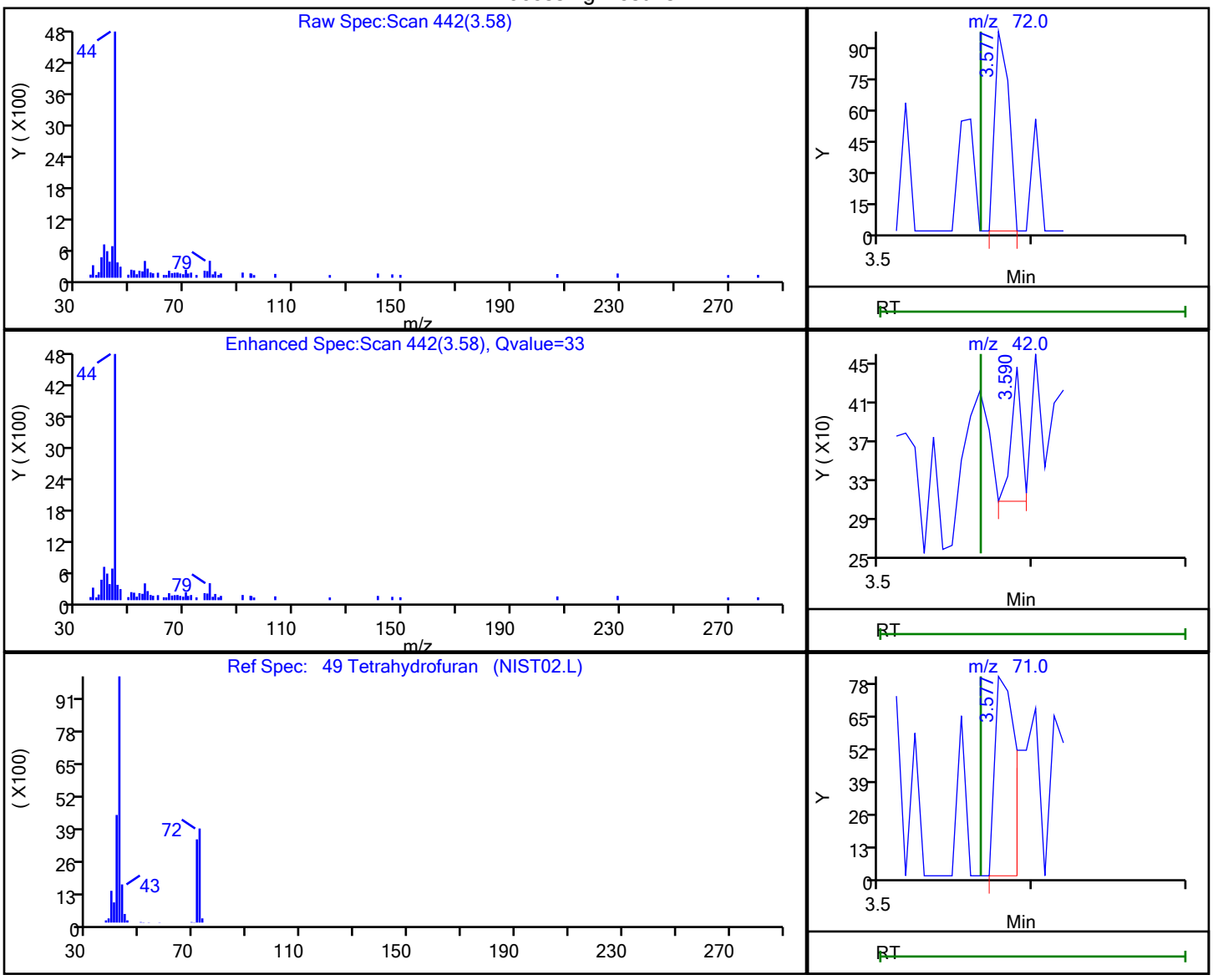
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.58	72.00	63	0.308920
3.59	42.00	61	
3.58	71.00	76	

Reviewer: W9CM, 14-Oct-2022 15:01:55

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

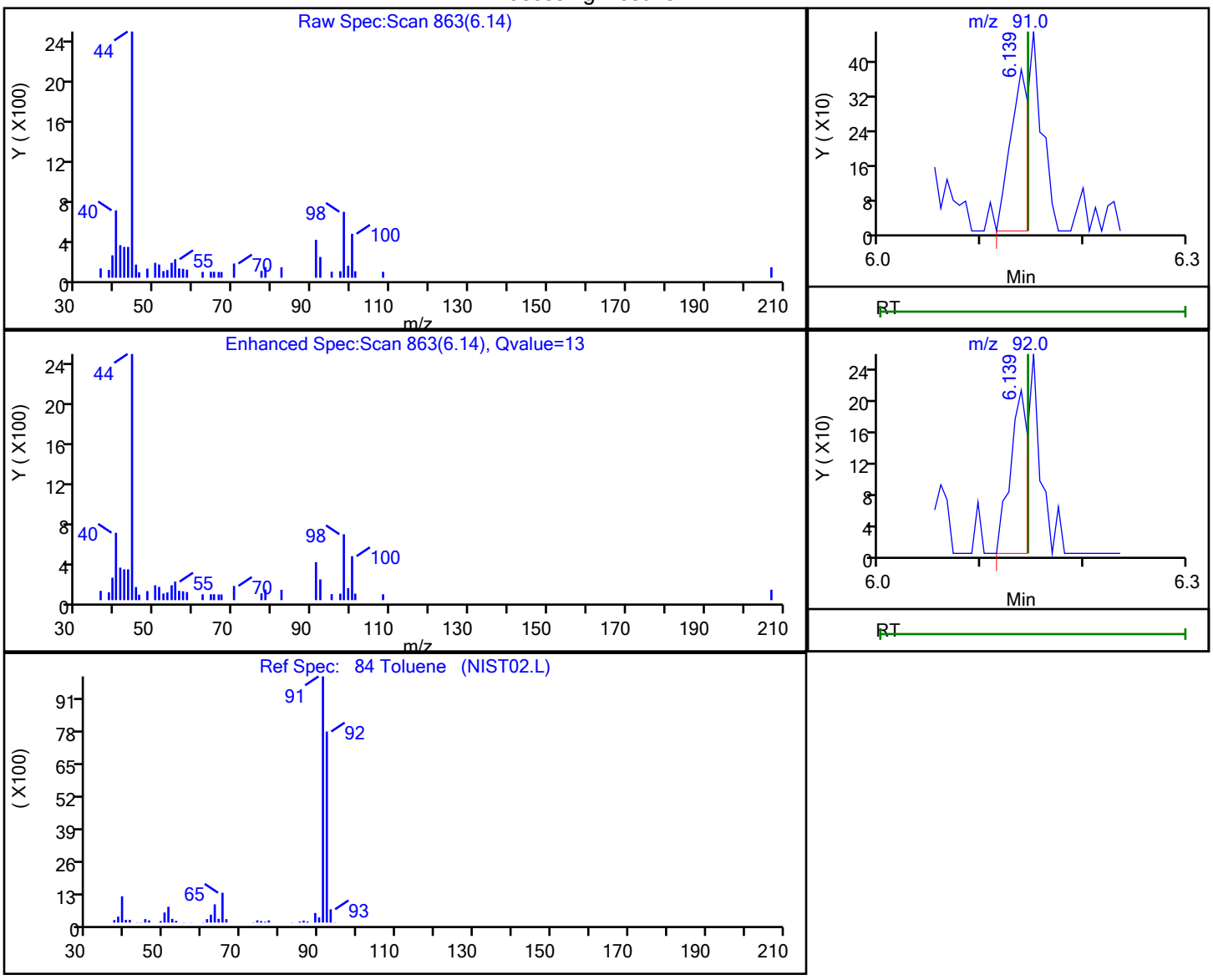
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.14	91.00	457	0.044669
6.14	92.00	245	

Reviewer: W9CM, 14-Oct-2022 15:02:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

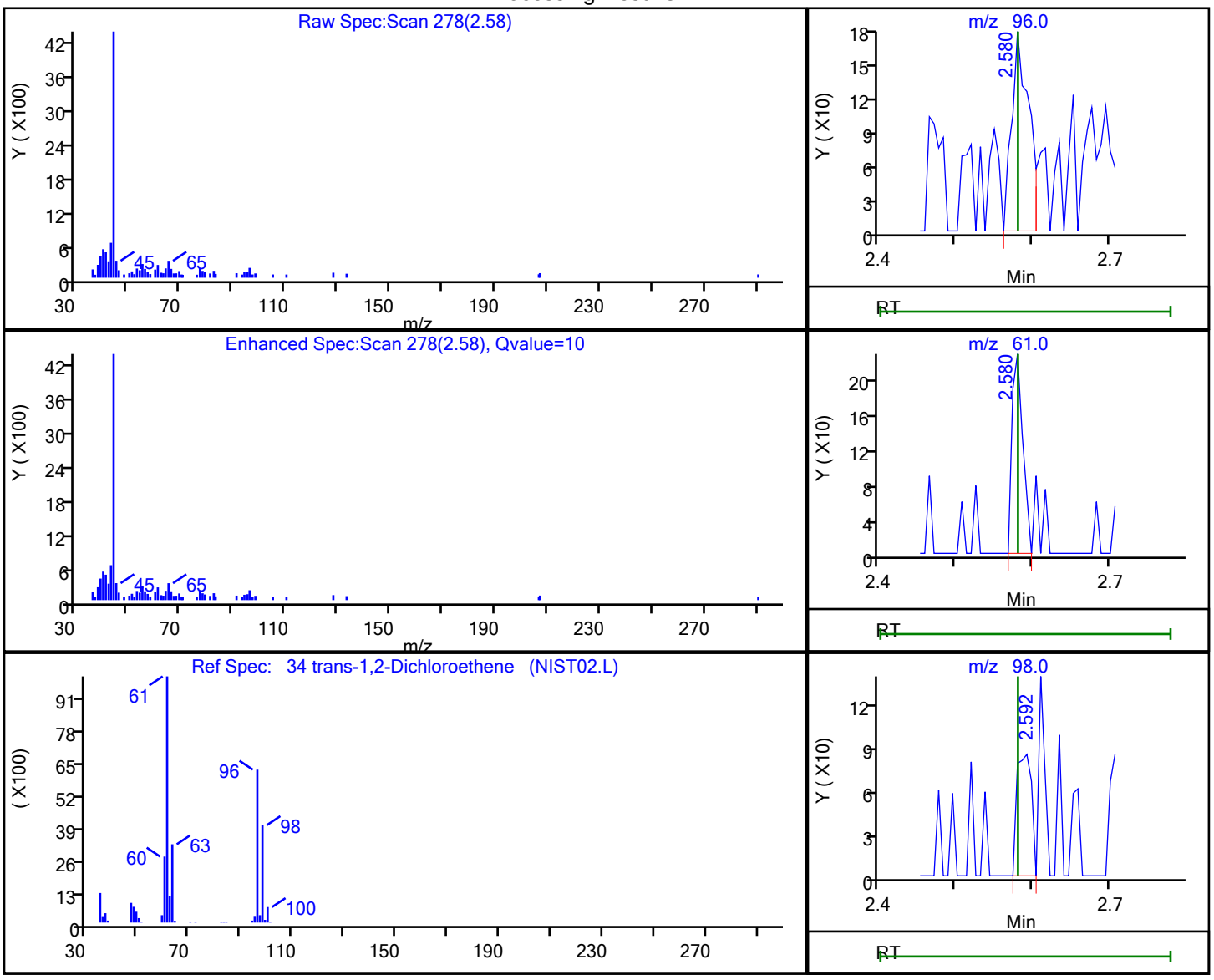
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
2.58	96.00	272	0.120996
2.58	61.00	222	
2.59	98.00	108	

Reviewer: W9CM, 14-Oct-2022 15:01:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

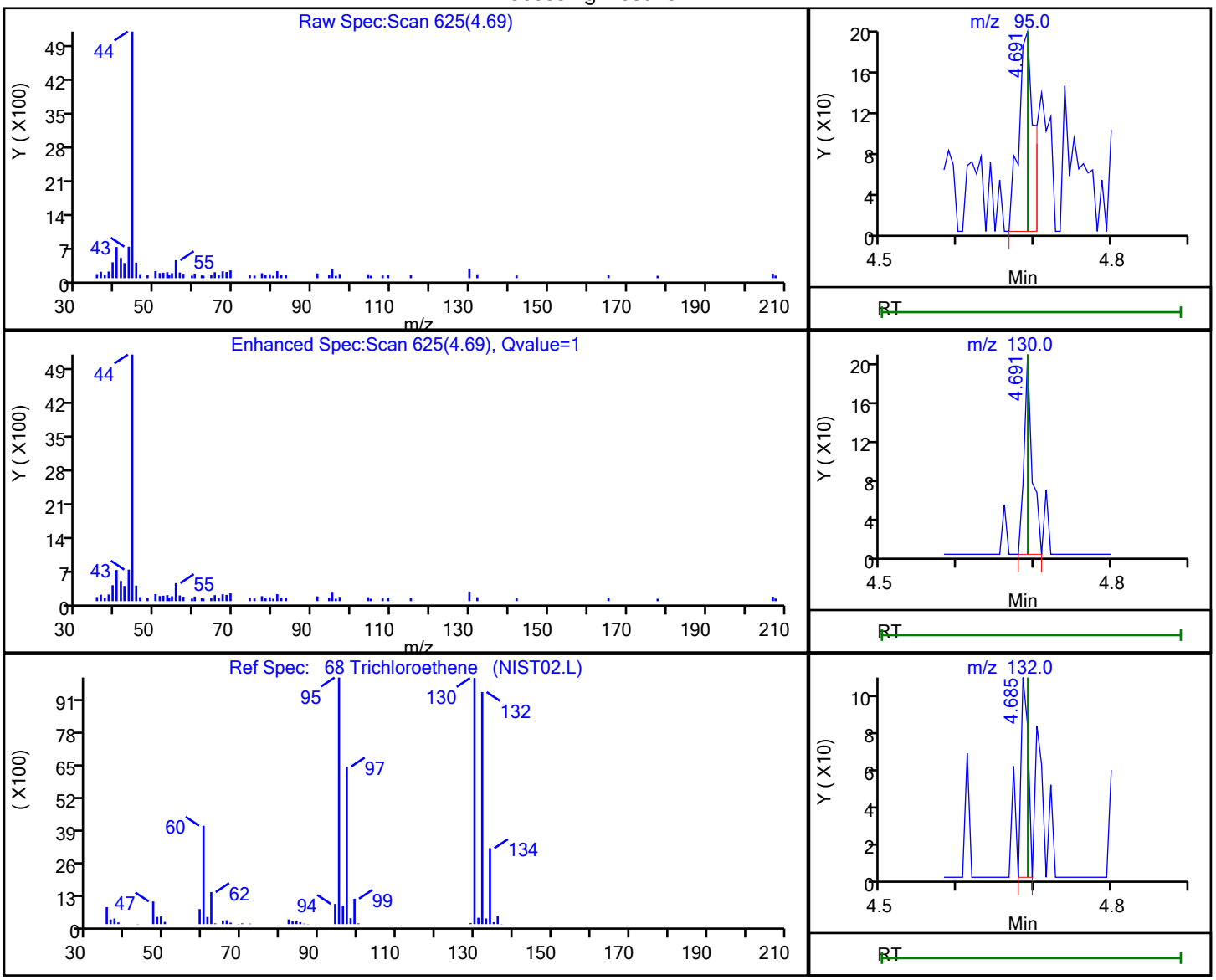
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

68 Trichloroethene, CAS: 79-01-6

Processing Results



RT	Mass	Response	Amount
4.69	95.00	264	0.106193
4.69	130.00	148	
4.68	132.00	69	

Reviewer: W9CM, 14-Oct-2022 15:02:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

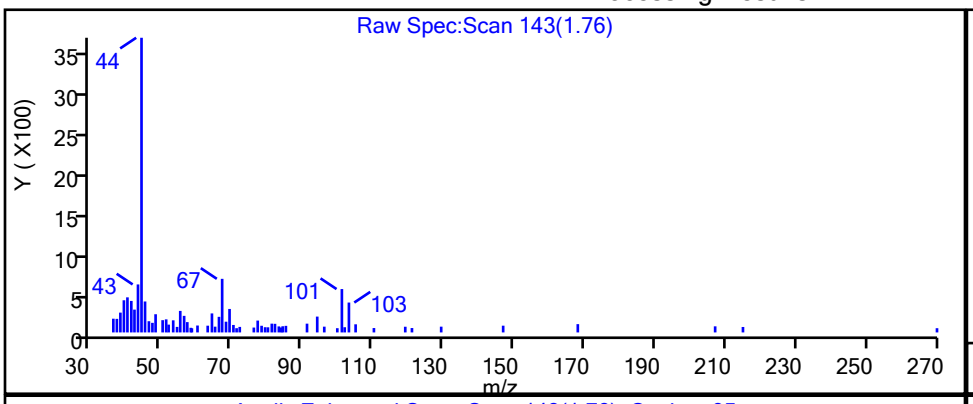
User Disabled Compound Report

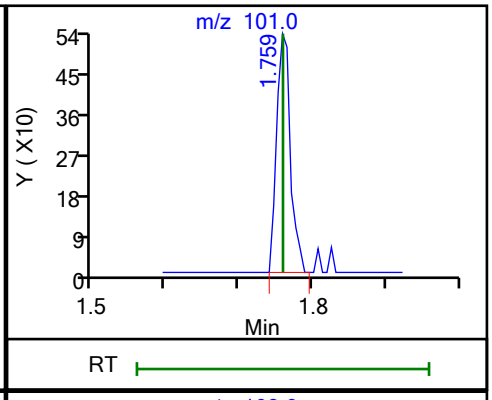
Eurofins Edison

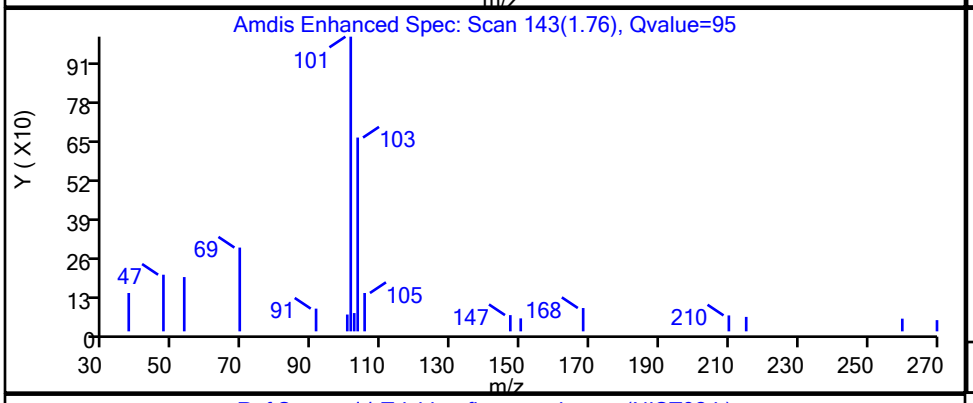
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

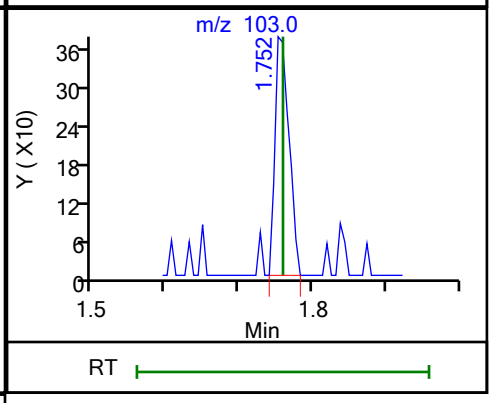
11 Trichlorofluoromethane, CAS: 75-69-4

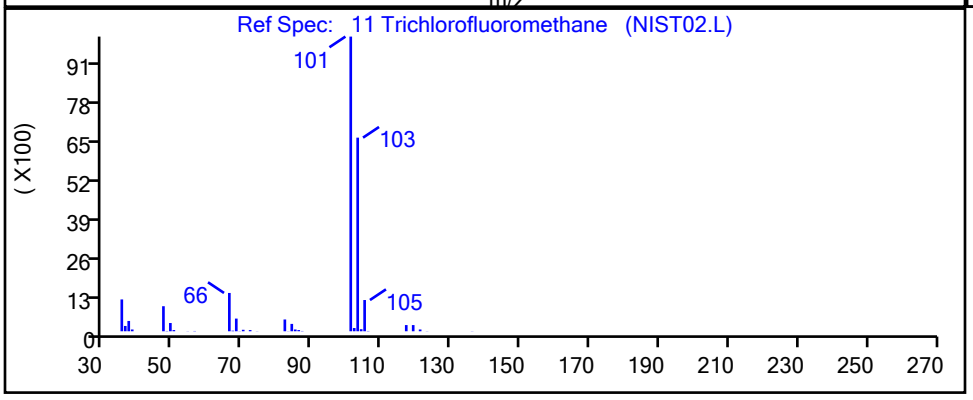
Processing Results











RT	Mass	Response	Amount
1.76	101.00	700	0.250000
1.75	103.00	503	

Reviewer: HVW2, 12-Oct-2022 23:53:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

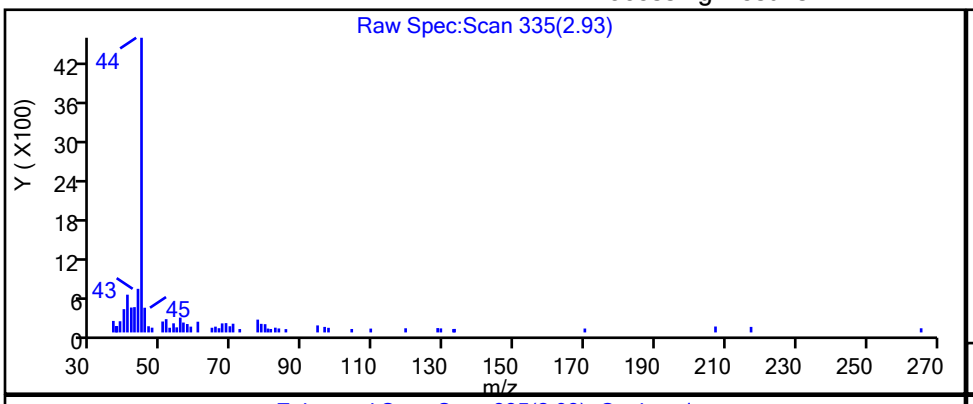
User Disabled Compound Report

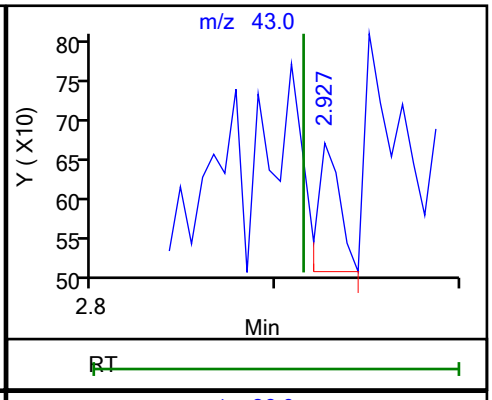
Eurofins Edison

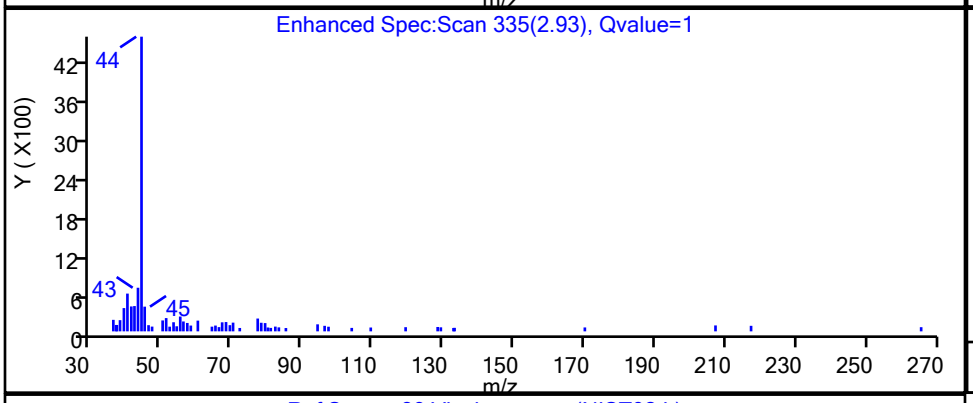
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D				
Injection Date:	12-Oct-2022 23:30:30	Instrument ID:	CVOAMS8		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

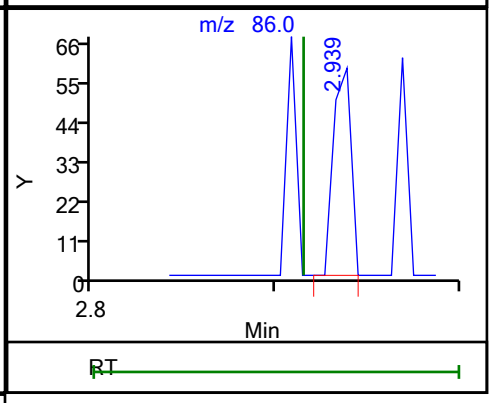
39 Vinyl acetate, CAS: 108-05-4

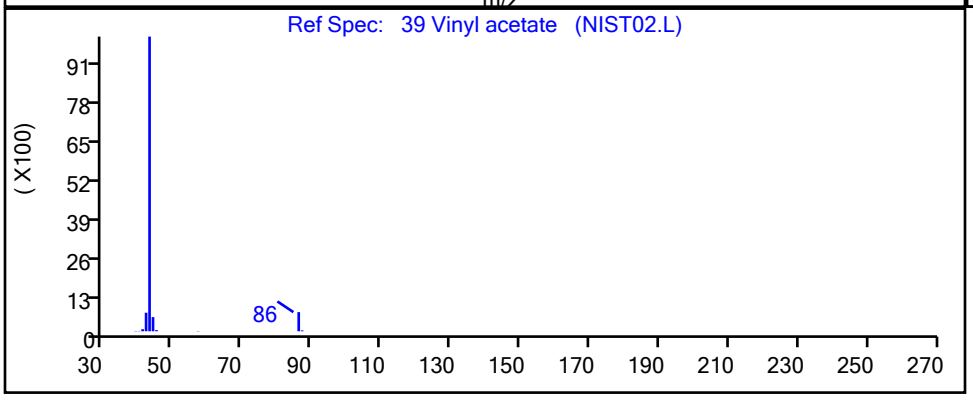
Processing Results











RT	Mass	Response	Amount
2.93	43.00	131	0.022151
2.94	86.00	40	

Reviewer: W9CM, 14-Oct-2022 15:01:35

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

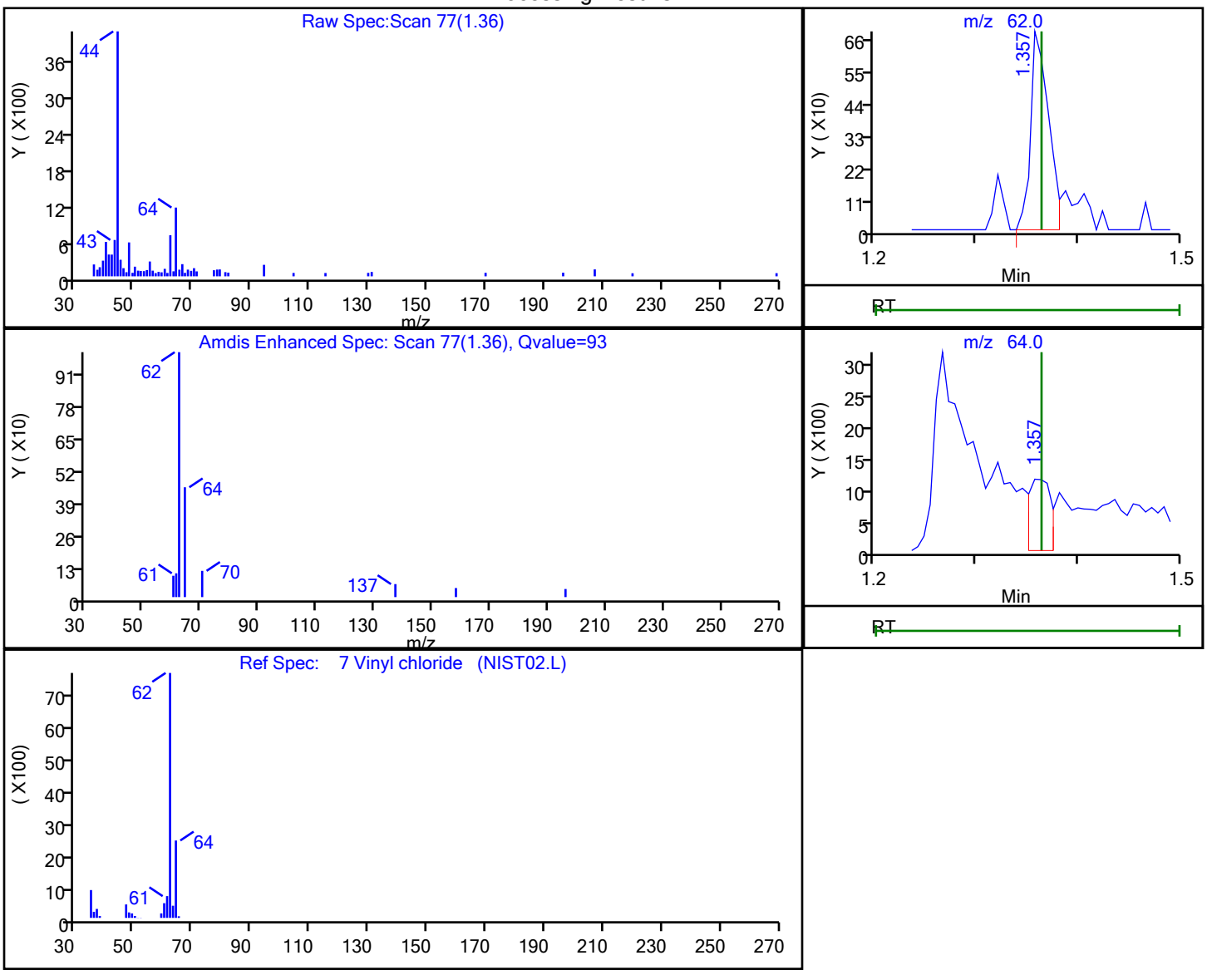
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81262.D
Injection Date: 12-Oct-2022 23:30:30 Instrument ID: CVOAMS8
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.36	62.00	847	0.250000
1.36	64.00	1798	

Reviewer: HVW2, 12-Oct-2022 23:53:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Oct-2022 23:56:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0151655-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:02:06 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 00:45:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.150	1.151	-0.001	85	215	NC	NC	
4 Dichlorodifluoromethane	85	1.174	1.175	-0.001	98	3135	1.00	0.9712	
5 Chlorodifluoromethane	67	1.192	1.193	-0.001	97	833	NC	NC	
6 Chloromethane	50	1.302	1.303	-0.001	99	5140	1.00	1.10	
7 Vinyl chloride	62	1.362	1.364	-0.002	96	3554	1.00	1.15	
8 Butadiene	54	1.375	1.376	-0.001	92	3290	1.00	1.11	
9 Bromomethane	94	1.575	1.577	-0.002	91	1192	1.00	1.04	
10 Chloroethane	64	1.630	1.631	-0.001	98	1636	1.00	1.07	
12 Dichlorofluoromethane	67	1.752	1.753	-0.001	96	5178	NC	NC	
11 Trichlorofluoromethane	101	1.758	1.759	-0.001	97	3674	1.00	1.12	
13 Pentane	43	1.788	1.789	-0.001	96	7463	2.00	1.94	
14 Ethanol	46	1.886	1.887	-0.001	37	343	40.0	43.6	M
15 Ethyl ether	59	1.928	1.929	-0.001	90	2101	1.00	1.10	
16 2-Methyl-1,3-butadiene	53	1.946	1.948	-0.002	92	2706	1.00	1.12	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.959	1.960	-0.001	81	1987	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.001	1.996	0.005	97	3596	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.056	2.057	-0.001	91	2032	1.00	1.04	
19 Acrolein	56	2.062	2.057	0.005	82	1455	4.00	4.63	
21 1,1-Dichloroethene	96	2.086	2.088	-0.002	93	2462	1.00	1.26	
22 Acetone	43	2.153	2.148	0.005	85	4181	5.00	6.03	
23 Iodomethane	142	2.208	2.209	-0.001	98	1661	1.00	1.06	M
25 Isopropyl alcohol	45	2.208	2.209	-0.001	87	737	10.0	8.12	
24 Carbon disulfide	76	2.238	2.234	0.004	100	8234	1.00	1.15	
26 3-Chloro-1-propene	76	2.324	2.331	-0.007	89	1701	1.00	1.24	
28 Methyl acetate	43	2.336	2.337	-0.001	88	4293	2.00	2.28	
27 Cyclopentene	67	2.348	2.349	-0.001	94	6537	NC	NC	
29 Acetonitrile	41	2.378	2.380	-0.002	90	2159	10.0	9.32	
* 30 TBA-d9 (IS)	65	2.409	2.410	-0.001	75	174707	1000.0	1000.0	
31 Methylene Chloride	84	2.433	2.428	0.005	95	2897	1.00	1.20	
32 2-Methyl-2-propanol	59	2.464	2.465	-0.001	90	1572	10.0	11.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.555	2.556	-0.001	97	6436	1.00	1.07	
34 trans-1,2-Dichloroethene	96	2.579	2.580	-0.001	97	2817	1.00	1.28	
35 Acrylonitrile	53	2.640	2.635	0.005	93	9288	10.0	11.1	
36 Hexane	57	2.707	2.702	0.005	91	2681	1.00	0.9739	
37 Isopropyl ether	45	2.877	2.872	0.005	96	9332	1.00	1.02	
38 1,1-Dichloroethane	63	2.908	2.909	-0.001	97	5781	1.00	1.16	
39 Vinyl acetate	43	2.914	2.915	-0.001	99	12134	2.00	2.09	
40 2-Chloro-1,3-butadiene	88	2.950	2.945	0.005	96	2031	NC	NC	
41 Tert-butyl ethyl ether	59	3.151	3.146	0.005	87	7465	NC	NC	
* 43 2-Butanone-d5	46	3.327	3.323	0.004	86	261610	250.0	250.0	
42 2,2-Dichloropropane	79	3.334	3.335	-0.001	44	1869	1.00	1.46	
44 cis-1,2-Dichloroethene	96	3.358	3.359	-0.001	91	2963	1.00	1.22	
46 2-Butanone (MEK)	72	3.376	3.377	-0.001	94	1254	5.00	6.10	
45 Ethyl acetate	70	3.382	3.377	0.005	91	460	2.00	2.14	a
47 Methyl acrylate	55	3.425	3.426	-0.001	97	2224	NC	NC	
48 Propionitrile	54	3.492	3.493	-0.001	97	3271	NC	NC	
50 Chlorobromomethane	128	3.565	3.566	-0.001	94	1415	1.00	1.32	
49 Tetrahydrofuran	72	3.583	3.566	0.017	24	326	2.00	1.59	
51 Methacrylonitrile	67	3.589	3.584	0.005	96	9161	NC	NC	
52 Chloroform	83	3.613	3.608	0.005	97	5159	1.00	1.19	
53 Cyclohexane	84	3.723	3.724	-0.001	96	2911	1.00	1.08	
54 1,1,1-Trichloroethane	97	3.735	3.742	-0.007	97	3942	1.00	1.15	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.754	-0.001	95	100153	50.0	52.4	
56 Carbon tetrachloride	117	3.857	3.852	0.005	93	2892	1.00	1.06	
57 1,1-Dichloropropene	75	3.875	3.882	-0.007	91	3598	1.00	1.09	
58 Isobutyl alcohol	43	4.021	4.010	0.011	35	2382	NC	NC	Ma
59 Isooctane	57	4.033	4.034	-0.001	98	5148	NC	NC	
60 Benzene	78	4.070	4.065	0.005	97	11308	1.00	1.17	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.088	4.083	0.005	0	136337	50.0	51.9	
62 Isopropyl acetate	43	4.124	4.126	-0.002	93	6929	1.00	1.01	
63 Tert-amyl methyl ether	55	4.137	4.132	0.005	77	1758	NC	NC	
64 1,2-Dichloroethane	62	4.155	4.156	-0.001	95	4268	1.00	1.16	
65 n-Heptane	57	4.210	4.211	-0.001	93	1252	1.00	1.14	
* 66 Fluorobenzene	96	4.343	4.345	-0.002	97	439281	50.0	50.0	
67 n-Butanol	56	4.672	4.667	0.005	22	585	25.0	17.7	Ma
68 Trichloroethene	95	4.696	4.691	0.005	94	3113	1.00	1.27	
69 Methylcyclohexane	83	4.806	4.813	-0.007	83	2758	1.00	0.99	
70 Ethyl acrylate	55	4.824	4.819	0.005	96	6488	1.00	1.10	
71 1,2-Dichloropropane	63	4.988	4.983	0.005	91	3583	1.00	1.23	
* 72 1,4-Dioxane-d8	96	5.055	5.056	-0.001	0	24668	1000.0	1000.0	
73 Methyl methacrylate	100	5.086	5.075	0.011	94	937	2.00	2.13	
74 Dibromomethane	93	5.116	5.117	-0.001	81	2034	1.00	1.27	
75 1,4-Dioxane	88	5.116	5.123	-0.007	35	443	50.0	33.0	M
76 n-Propyl acetate	43	5.140	5.135	0.005	98	3872	1.00	1.05	
77 Dichlorobromomethane	83	5.280	5.275	0.005	96	3667	1.00	1.12	
78 2-Nitropropane	41	5.639	5.634	0.005	74	966	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.639	5.640	-0.001	75	1622	1.00	1.00	
80 Epichlorohydrin	57	5.755	5.750	0.005	99	4017	20.0	19.1	
81 cis-1,3-Dichloropropene	75	5.803	5.805	-0.002	95	4660	1.00	1.03	
82 4-Methyl-2-pentanone (MIBK)	43	5.992	5.993	-0.001	96	13211	5.00	5.33	
$ 83 Toluene-d8 (Surr)	98	6.059	6.060	-0.001	98	372297	50.0	50.3	
84 Toluene	91	6.144	6.145	-0.001	92	11462	1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.539	6.541	-0.002	97	4063	1.00	1.01	
86 Ethyl methacrylate	69	6.594	6.589	0.005	95	3143	NC	NC	
87 1,1,2-Trichloroethane	83	6.771	6.778	-0.007	92	2214	1.00	1.04	
88 Tetrachloroethene	166	6.813	6.808	0.005	90	2248	1.00	1.07	
89 1,3-Dichloropropane	76	7.008	7.009	-0.001	97	4085	1.00	1.04	
90 2-Hexanone	58	7.111	7.100	0.011	98	4199	5.00	5.18	
91 n-Butyl acetate	43	7.245	7.246	-0.001	95	4845	1.00	1.04	
92 Chlorodibromomethane	129	7.257	7.259	-0.002	73	2173	1.00	0.9682	
93 Ethylene Dibromide	107	7.428	7.423	0.005	98	2448	1.00	1.07	
* 94 Chlorobenzene-d5	117	8.012	8.013	-0.001	91	345836	50.0	50.0	
95 Chlorobenzene	112	8.048	8.049	-0.001	97	6763	1.00	1.11	
96 Ethylbenzene	106	8.152	8.153	-0.001	99	3370	1.00	1.06	
97 1,1,1,2-Tetrachloroethane	131	8.170	8.165	0.005	89	2073	1.00	1.00	
98 m-Xylene & p-Xylene	106	8.304	8.305	-0.001	0	4514	1.00	1.14	
99 o-Xylene	106	8.760	8.755	0.005	90	4325	1.00	1.09	
100 n-Butyl acrylate	73	8.772	8.773	-0.001	95	2139	1.00	1.06	
101 Styrene	104	8.790	8.792	-0.002	94	7572	1.00	1.11	
103 Bromoform	173	8.997	9.004	-0.007	93	1257	1.00	0.8949	
102 Amyl acetate (mixed isomers)	43	9.022	9.017	0.005	85	5671	1.00	1.04	
104 Isopropylbenzene	105	9.137	9.138	-0.001	98	10809	1.00	1.12	
$ 105 4-Bromofluorobenzene	174	9.338	9.333	0.005	87	126472	50.0	51.5	
106 Bromobenzene	156	9.460	9.461	-0.001	91	3090	1.00	1.16	
107 1,1,2,2-Tetrachloroethane	83	9.526	9.528	-0.002	98	3276	1.00	1.04	
108 N-Propylbenzene	91	9.545	9.546	-0.001	97	14337	1.00	1.15	
109 1,2,3-Trichloropropane	110	9.563	9.564	-0.001	94	785	1.00	1.13	
110 trans-1,4-Dichloro-2-butene	53	9.593	9.595	-0.002	68	1094	NC	NC	
111 2-Chlorotoluene	91	9.642	9.637	0.005	97	9953	1.00	1.12	
112 4-Ethyltoluene	105	9.654	9.655	-0.001	97	11000	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.721	9.722	-0.001	92	9241	1.00	1.11	
114 4-Chlorotoluene	91	9.752	9.753	-0.001	99	9700	1.00	1.13	
115 Butyl Methacrylate	87	9.837	9.838	-0.001	95	3227	1.00	1.00	
116 tert-Butylbenzene	119	10.001	10.002	-0.001	88	7090	1.00	1.13	
117 1,2,4-Trimethylbenzene	105	10.062	10.063	-0.001	99	9639	1.00	1.10	
118 sec-Butylbenzene	105	10.196	10.197	-0.001	98	10628	1.00	1.12	
120 1,3-Dichlorobenzene	146	10.317	10.319	-0.002	92	5282	1.00	1.11	
119 4-Isopropyltoluene	119	10.329	10.325	0.004	96	8677	1.00	1.11	
* 121 1,4-Dichlorobenzene-d4	152	10.384	10.385	-0.001	98	189061	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.402	10.404	-0.002	91	5594	1.00	1.12	
123 1,2,3-Trimethylbenzene	105	10.421	10.428	-0.007	98	10058	1.00	1.08	
124 Benzyl chloride	91	10.536	10.531	0.005	97	4529	1.00	0.8948	
125 2,3-Dihydroindene	117	10.585	10.586	-0.001	94	10243	NC	NC	
126 p-Diethylbenzene	119	10.652	10.647	0.005	88	4628	NC	NC	
127 n-Butylbenzene	92	10.664	10.671	-0.007	96	4918	1.00	1.12	
128 1,2-Dichlorobenzene	146	10.713	10.714	-0.001	91	5246	1.00	1.11	
129 1,2,4,5-Tetramethylbenzene	119	11.272	11.274	-0.002	96	9006	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.358	11.353	0.005	80	464	1.00	0.9367	
131 1,3,5-Trichlorobenzene	180	11.461	11.462	-0.001	95	3685	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.942	11.937	0.005	91	3554	1.00	1.15	
133 Hexachlorobutadiene	225	12.021	12.022	-0.001	83	1153	1.00	1.08	
134 Naphthalene	128	12.124	12.125	-0.001	99	8962	1.00	1.13	
135 1,2,3-Trichlorobenzene	180	12.294	12.296	-0.002	95	3246	1.00	1.14	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	2.22	
S 138 Total BTEX	1				0		5.00	5.59	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	10.00	Units: uL	
524freon_00058	Amount Added:	10.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
GASES Li_00497	Amount Added:	10.00	Units: uL	
14DIOXINTER_00146	Amount Added:	30.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:02:07 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D

Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8 Operator ID:

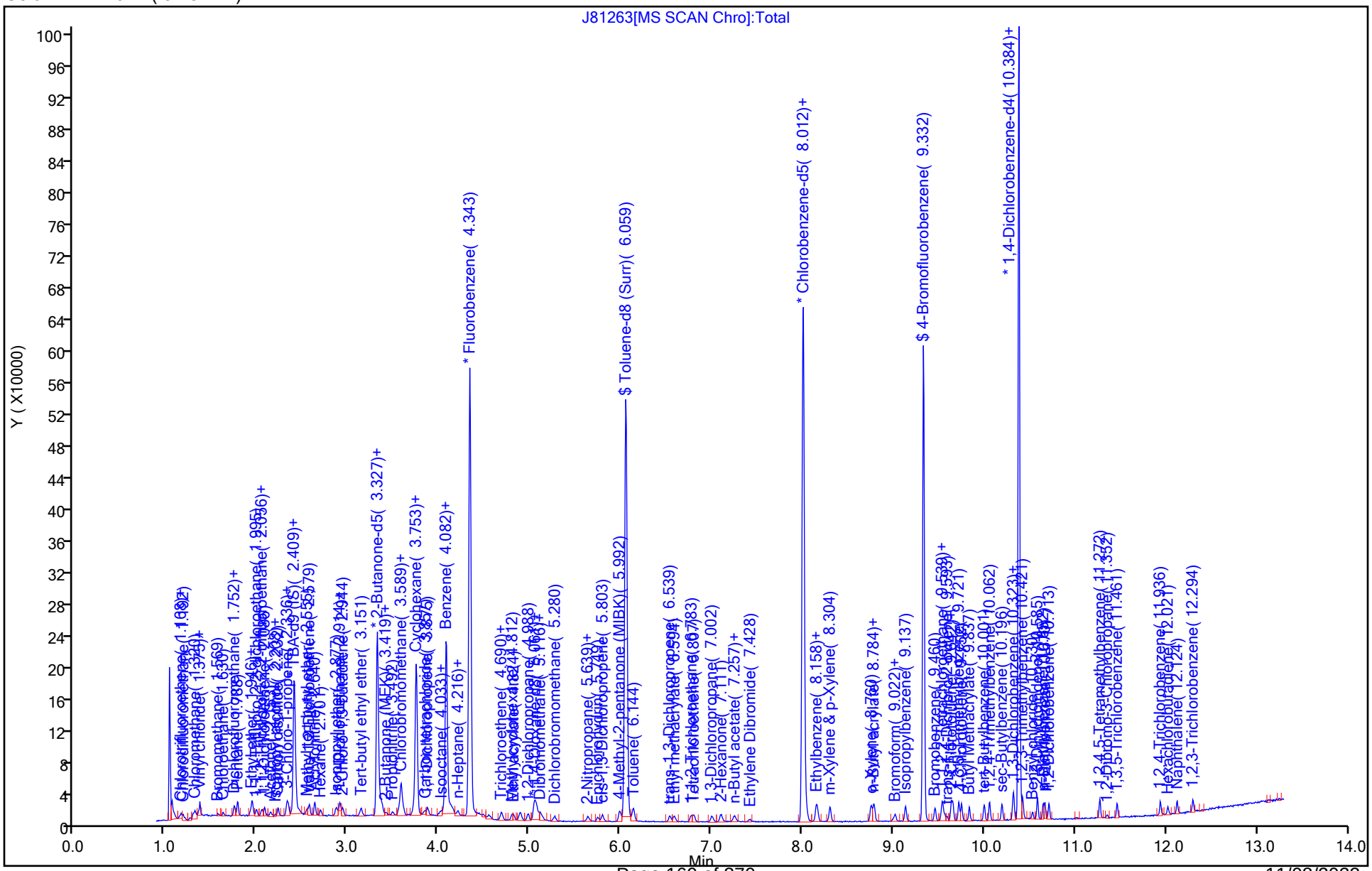
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

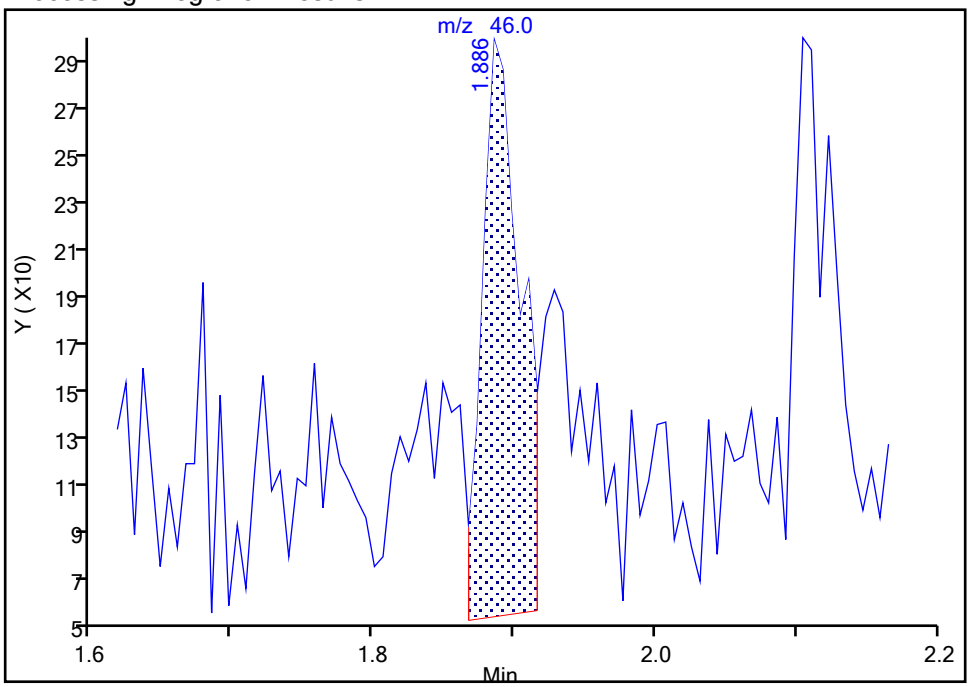
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

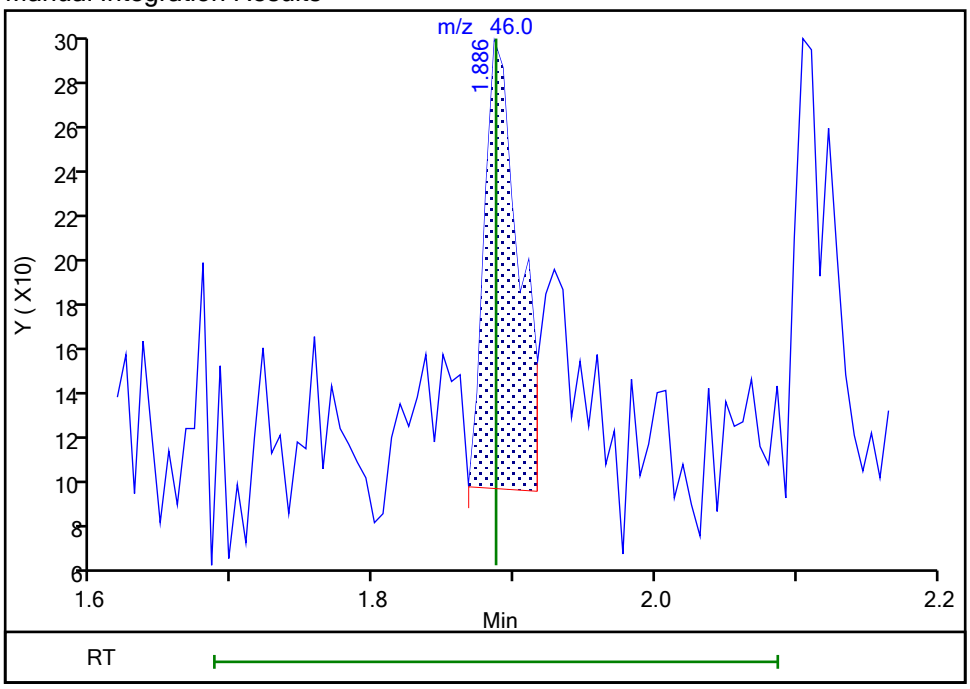
Processing Integration Results

RT: 1.89
Area: 458
Amount: 74.028514
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 343
Amount: 43.588883
Amount Units: ug/l



Reviewer: W9CM, 14-Oct-2022 15:29:18
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

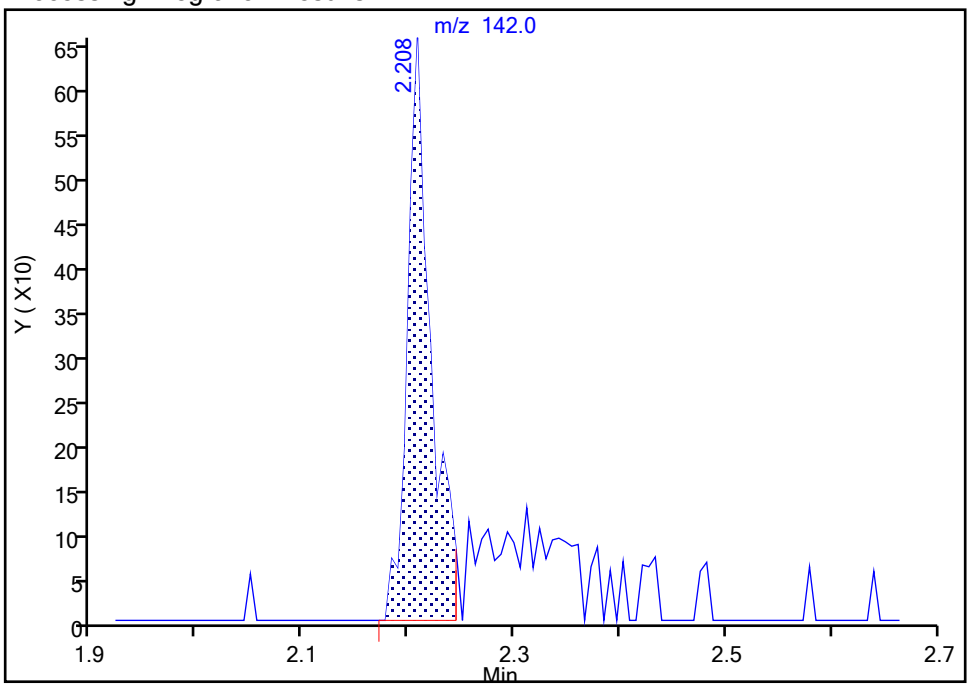
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

23 Iodomethane, CAS: 74-88-4

Signal: 1

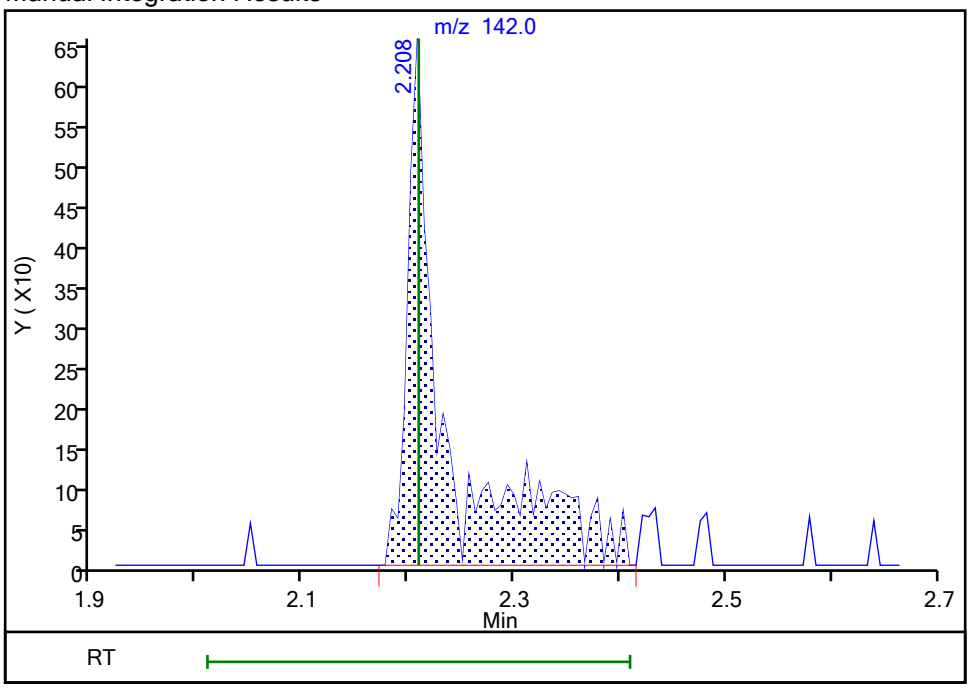
Processing Integration Results

RT: 2.21
Area: 1000
Amount: 0.490761
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 1661
Amount: 1.062242
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 02:18:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

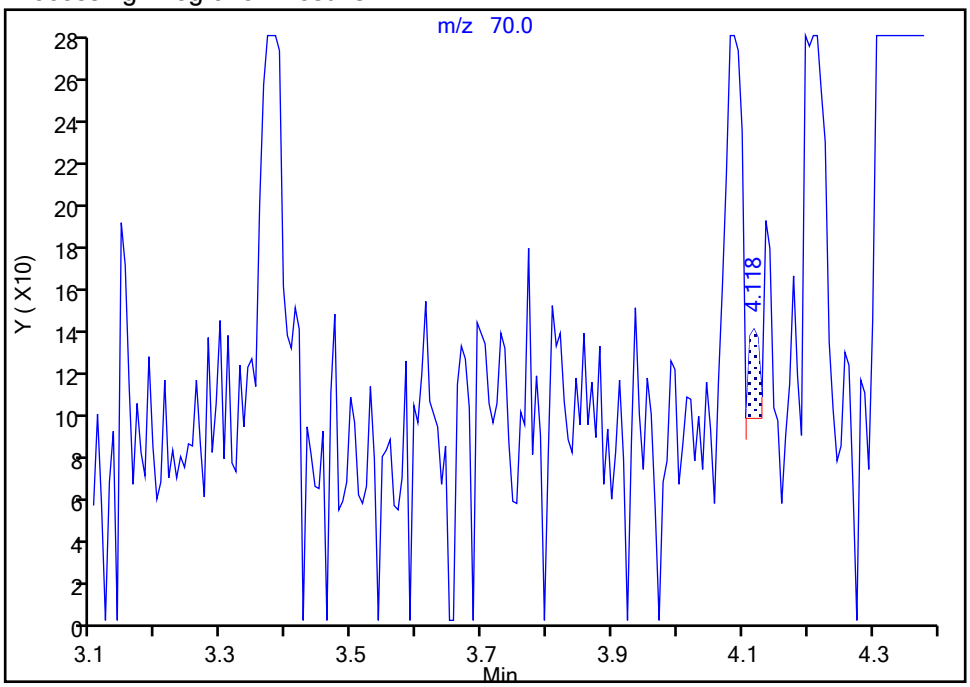
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

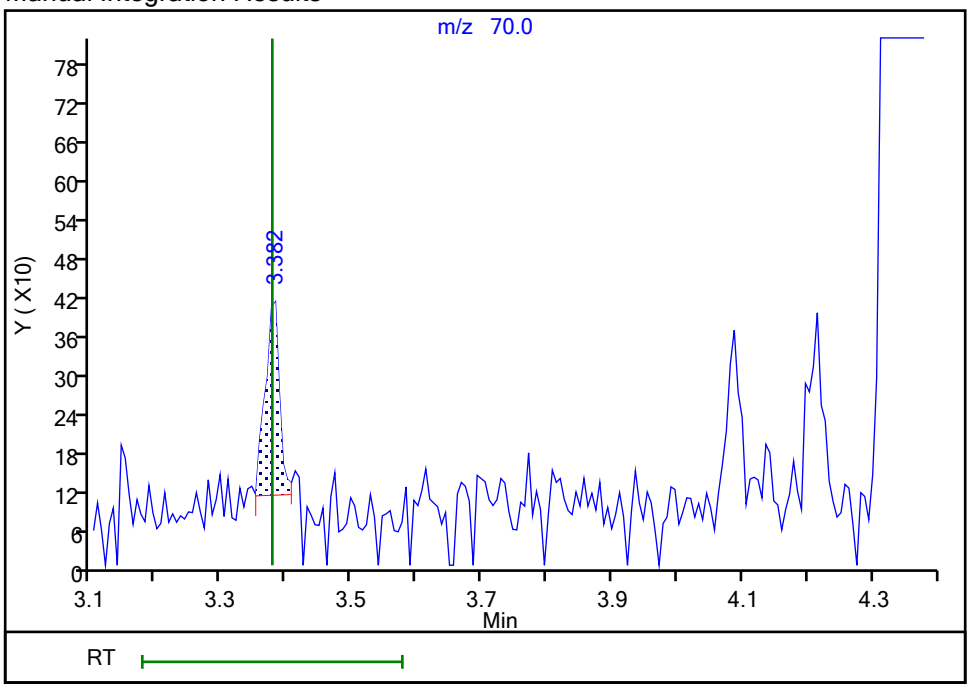
Processing Integration Results

RT: 4.12
Area: 47
Amount: 0.224788
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 460
Amount: 2.142036
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 02:09:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

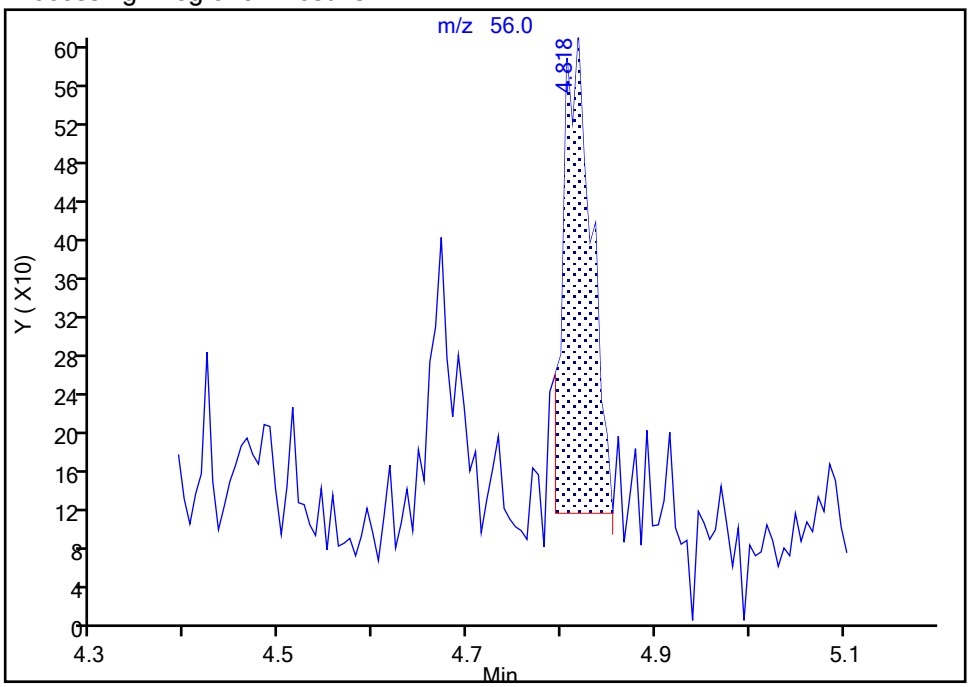
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

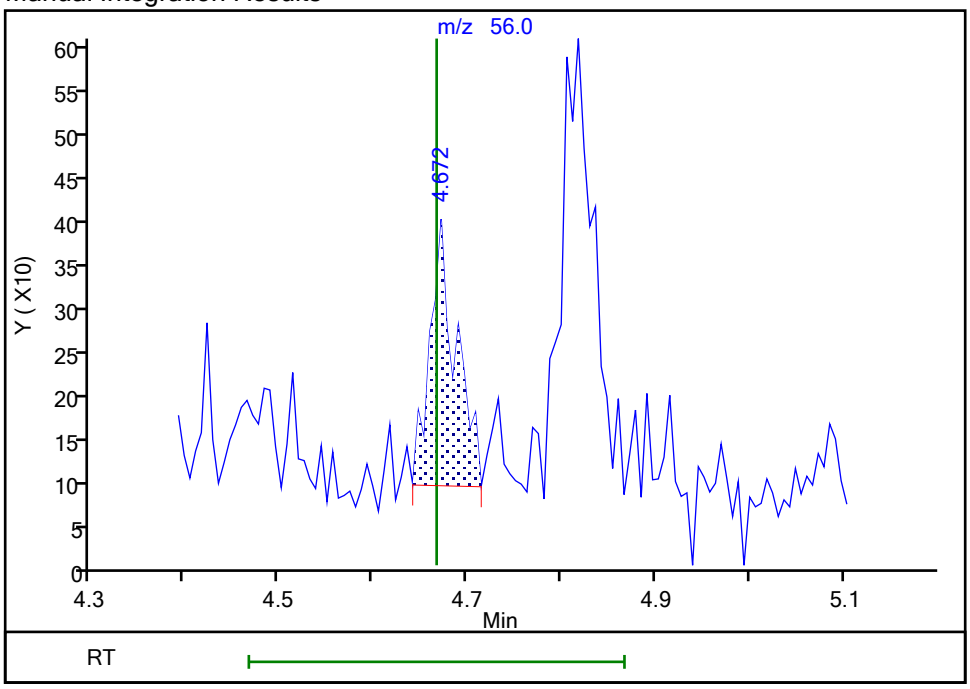
Processing Integration Results

RT: 4.82
Area: 1028
Amount: 25.000000
Amount Units: ug/l



Manual Integration Results

RT: 4.67
Area: 585
Amount: 17.702364
Amount Units: ug/l



Reviewer: W9CM, 14-Oct-2022 15:47:07
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

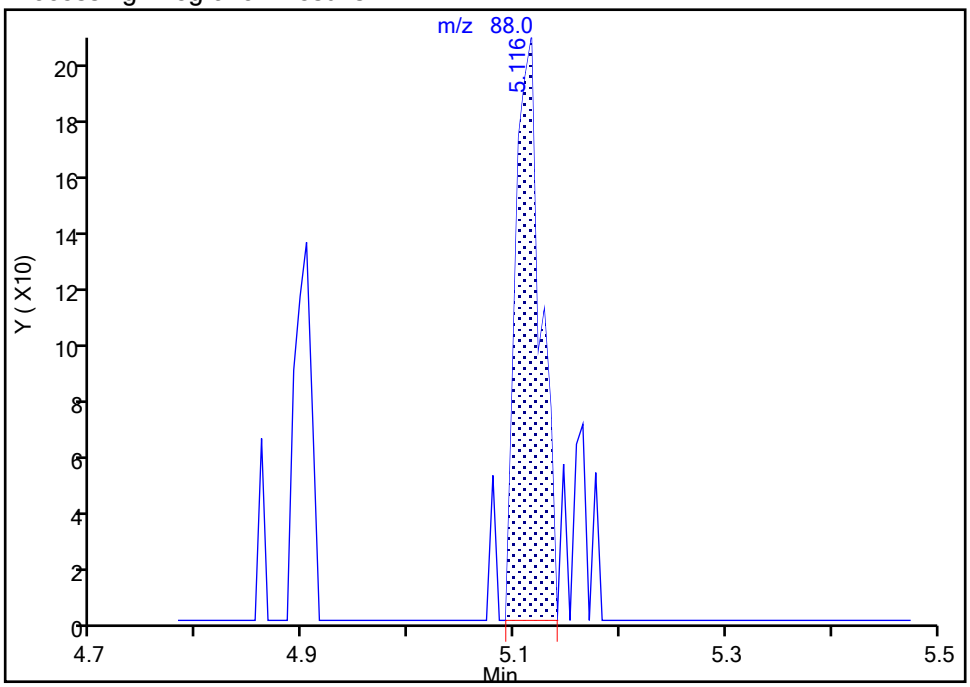
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81263.D
Injection Date: 12-Oct-2022 23:56:30 Instrument ID: CVOAMS8
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

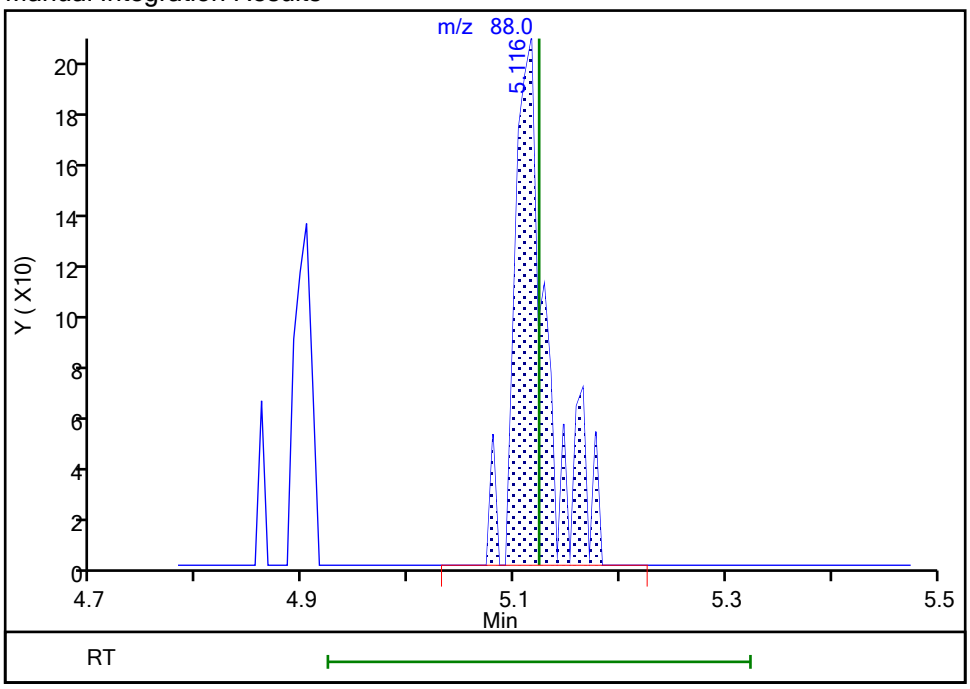
Processing Integration Results

RT: 5.12
Area: 337
Amount: 21.946271
Amount Units: ug/l



Manual Integration Results

RT: 5.12
Area: 443
Amount: 33.046143
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 02:10:28
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Oct-2022 00:21:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0151655-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:02:16 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 01:01:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.150	1.151	-0.001	96	1463	NC	NC	
4 Dichlorodifluoromethane	85	1.174	1.175	-0.001	100	17424	5.00	5.22	
5 Chlorodifluoromethane	67	1.193	1.193	0.000	98	3406	NC	NC	
6 Chloromethane	50	1.302	1.303	-0.001	99	24499	5.00	5.09	
7 Vinyl chloride	62	1.363	1.364	-0.001	98	16302	5.00	5.09	
8 Butadiene	54	1.375	1.376	-0.001	94	16168	5.00	5.26	
9 Bromomethane	94	1.570	1.577	-0.007	98	5612	5.00	4.76	
10 Chloroethane	64	1.631	1.631	0.000	99	8988	5.00	5.69	
12 Dichlorofluoromethane	67	1.752	1.753	-0.001	99	25818	NC	NC	
11 Trichlorofluoromethane	101	1.758	1.759	-0.001	98	17621	5.00	5.18	
13 Pentane	43	1.789	1.789	0.000	96	47440	10.0	12.0	
14 Ethanol	46	1.886	1.887	-0.001	94	1672	200.0	209.7	M
15 Ethyl ether	59	1.929	1.929	0.000	90	9784	5.00	4.95	
16 2-Methyl-1,3-butadiene	53	1.947	1.948	-0.001	94	13635	5.00	5.47	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.959	1.960	-0.001	98	7919	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.996	1.996	0.000	97	17600	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.057	2.057	0.000	91	10924	5.00	5.43	
19 Acrolein	56	2.063	2.057	0.006	99	6575	20.0	20.7	
21 1,1-Dichloroethene	96	2.087	2.088	-0.001	92	10419	5.00	5.17	
22 Acetone	43	2.148	2.148	0.000	84	17697	25.0	24.7	
23 Iodomethane	142	2.209	2.209	0.000	98	6937	5.00	3.51	
25 Isopropyl alcohol	45	2.209	2.209	0.000	70	4753	50.0	51.7	
24 Carbon disulfide	76	2.233	2.234	-0.001	100	36178	5.00	4.89	
26 3-Chloro-1-propene	76	2.330	2.331	-0.001	94	7128	5.00	5.04	
28 Methyl acetate	43	2.336	2.337	-0.001	98	18802	10.0	9.67	
27 Cyclopentene	67	2.349	2.349	0.000	95	30917	NC	NC	
29 Acetonitrile	41	2.379	2.380	-0.001	99	11227	50.0	47.9	
* 30 TBA-d9 (IS)	65	2.409	2.410	-0.001	75	176983	1000.0	1000.0	
31 Methylene Chloride	84	2.428	2.428	0.000	95	12771	5.00	5.13	
32 2-Methyl-2-propanol	59	2.464	2.465	-0.001	96	6888	50.0	48.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.555	2.556	-0.001	96	29418	5.00	4.75	
34 trans-1,2-Dichloroethene	96	2.580	2.580	0.000	98	11789	5.00	5.16	
35 Acrylonitrile	53	2.641	2.635	0.006	93	44070	50.0	52.1	
36 Hexane	57	2.701	2.702	-0.001	91	14985	5.00	5.27	
37 Isopropyl ether	45	2.872	2.872	0.000	96	46632	5.00	4.93	
38 1,1-Dichloroethane	63	2.908	2.909	-0.001	99	27661	5.00	5.39	
39 Vinyl acetate	43	2.914	2.915	-0.001	100	62993	10.0	10.5	
40 2-Chloro-1,3-butadiene	88	2.945	2.945	0.000	96	10225	NC	NC	
41 Tert-butyl ethyl ether	59	3.145	3.146	-0.001	86	36556	NC	NC	
* 43 2-Butanone-d5	46	3.322	3.323	-0.001	90	270494	250.0	250.0	
42 2,2-Dichloropropane	79	3.334	3.335	-0.001	92	6392	5.00	4.85	
44 cis-1,2-Dichloroethene	96	3.358	3.359	-0.001	90	13004	5.00	5.18	
46 2-Butanone (MEK)	72	3.377	3.377	0.000	94	5342	25.0	25.1	
45 Ethyl acetate	70	3.377	3.377	0.000	91	2157	10.0	9.71	a
47 Methyl acrylate	55	3.425	3.426	-0.001	98	10127	NC	NC	
48 Propionitrile	54	3.492	3.493	-0.001	97	15508	NC	NC	
50 Chlorobromomethane	128	3.565	3.566	-0.001	93	5485	5.00	4.94	
49 Tetrahydrofuran	72	3.565	3.566	-0.001	55	2437	10.0	11.5	
51 Methacrylonitrile	67	3.583	3.584	-0.001	97	45257	NC	NC	
52 Chloroform	83	3.608	3.608	0.000	97	23510	5.00	5.25	
53 Cyclohexane	84	3.729	3.724	0.005	97	15181	5.00	5.45	
54 1,1,1-Trichloroethane	97	3.736	3.742	-0.006	96	18272	5.00	5.16	
$ 55 Dibromofluoromethane (Surr)	113	3.754	3.754	0.000	95	84338	50.0	42.7	
56 Carbon tetrachloride	117	3.851	3.852	-0.001	97	14263	5.00	5.06	
57 1,1-Dichloropropene	75	3.882	3.882	0.000	92	17277	5.00	5.08	
58 Isobutyl alcohol	43	4.009	4.010	-0.001	92	15006	NC	NC	
59 Isooctane	57	4.034	4.034	0.000	97	27410	NC	NC	
60 Benzene	78	4.070	4.065	0.005	97	49674	5.00	5.18	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.082	4.083	-0.001	0	116439	50.0	42.9	
62 Isopropyl acetate	43	4.125	4.126	-0.001	93	33852	5.00	4.76	
63 Tert-amyl methyl ether	55	4.137	4.132	0.005	87	7729	NC	NC	
64 1,2-Dichloroethane	62	4.155	4.156	-0.001	96	19199	5.00	5.05	
65 n-Heptane	57	4.216	4.211	0.005	97	5721	5.00	5.05	
* 66 Fluorobenzene	96	4.344	4.345	-0.001	97	453872	50.0	50.0	
67 n-Butanol	56	4.666	4.667	-0.001	97	3863	125.0	115.4	
68 Trichloroethene	95	4.691	4.691	0.000	91	12567	5.00	4.98	
69 Methylcyclohexane	83	4.806	4.813	-0.007	84	14924	5.00	5.21	
70 Ethyl acrylate	55	4.818	4.819	-0.001	97	29444	5.00	4.83	
71 1,2-Dichloropropane	63	4.989	4.983	0.006	89	15072	5.00	5.01	
* 72 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	23491	1000.0	1000.0	
73 Methyl methacrylate	100	5.080	5.075	0.005	93	4325	10.0	9.51	
74 Dibromomethane	93	5.117	5.117	0.000	88	8071	5.00	4.87	
75 1,4-Dioxane	88	5.117	5.123	-0.006	32	1656	100.0	129.7	
76 n-Propyl acetate	43	5.141	5.135	0.006	98	16727	5.00	4.41	
77 Dichlorobromomethane	83	5.275	5.275	0.000	98	16281	5.00	4.83	
78 2-Nitropropane	41	5.634	5.634	0.000	77	6760	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.646	5.640	0.006	77	7983	5.01	4.78	
80 Epichlorohydrin	57	5.749	5.750	-0.001	99	21548	100.0	99.1	
81 cis-1,3-Dichloropropene	75	5.804	5.805	-0.001	98	22120	5.00	4.90	
82 4-Methyl-2-pentanone (MIBK)	43	5.993	5.993	0.000	97	64689	25.0	25.2	
$ 83 Toluene-d8 (Surr)	98	6.059	6.060	-0.001	98	312172	50.0	42.4	
84 Toluene	91	6.145	6.145	0.000	92	50271	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.540	6.541	-0.001	96	18907	5.00	4.71	
86 Ethyl methacrylate	69	6.589	6.589	0.000	97	15292	NC	NC	
87 1,1,2-Trichloroethane	83	6.777	6.778	-0.001	94	10512	5.00	4.97	
88 Tetrachloroethene	166	6.808	6.808	0.000	88	10485	5.00	5.02	
89 1,3-Dichloropropane	76	7.008	7.009	-0.001	96	19381	5.00	4.96	
90 2-Hexanone	58	7.106	7.100	0.006	99	21600	25.0	25.8	
91 n-Butyl acetate	43	7.246	7.246	0.000	95	23204	5.00	5.02	
92 Chlorodibromomethane	129	7.264	7.259	0.005	96	10015	5.00	4.49	
93 Ethylene Dibromide	107	7.422	7.423	-0.001	98	11018	5.00	4.84	
* 94 Chlorobenzene-d5	117	8.012	8.013	-0.001	92	343778	50.0	50.0	
95 Chlorobenzene	112	8.043	8.049	-0.006	92	30778	5.00	5.09	
96 Ethylbenzene	106	8.158	8.153	0.005	99	16314	5.00	5.16	
97 1,1,1,2-Tetrachloroethane	131	8.170	8.165	0.005	91	9762	5.00	4.74	
98 m-Xylene & p-Xylene	106	8.304	8.305	-0.001	0	19914	5.00	5.06	
99 o-Xylene	106	8.754	8.755	-0.001	92	20522	5.00	5.18	
100 n-Butyl acrylate	73	8.773	8.773	0.000	94	9588	5.00	4.79	
101 Styrene	104	8.791	8.792	-0.001	91	33366	5.00	4.92	
103 Bromoform	173	8.998	9.004	-0.006	91	5762	5.00	4.13	
102 Amyl acetate (mixed isomers)	43	9.022	9.017	0.005	86	27264	5.00	4.98	
104 Isopropylbenzene	105	9.138	9.138	0.000	97	49904	5.00	5.18	
$ 105 4-Bromofluorobenzene	174	9.332	9.333	-0.001	84	103084	50.0	42.2	
106 Bromobenzene	156	9.460	9.461	-0.001	92	13692	5.00	5.14	
107 1,1,2,2-Tetrachloroethane	83	9.527	9.528	-0.001	99	15731	5.00	5.00	
108 N-Propylbenzene	91	9.545	9.546	-0.001	98	64960	5.00	5.20	
109 1,2,3-Trichloropropane	110	9.564	9.564	0.000	94	3628	5.00	5.23	
110 trans-1,4-Dichloro-2-butene	53	9.588	9.595	-0.007	76	4992	NC	NC	
111 2-Chlorotoluene	91	9.637	9.637	0.000	98	45940	5.00	5.15	
112 4-Ethyltoluene	105	9.655	9.655	0.000	97	51040	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.722	9.722	0.000	91	43118	5.00	5.18	
114 4-Chlorotoluene	91	9.752	9.753	-0.001	99	44154	5.00	5.13	
115 Butyl Methacrylate	87	9.837	9.838	-0.001	97	15963	5.00	4.93	
116 tert-Butylbenzene	119	10.002	10.002	0.000	88	32388	5.00	5.14	
117 1,2,4-Trimethylbenzene	105	10.062	10.063	-0.001	99	44439	5.00	5.05	
118 sec-Butylbenzene	105	10.196	10.197	-0.001	98	49635	5.00	5.23	
120 1,3-Dichlorobenzene	146	10.318	10.319	-0.001	92	24283	5.00	5.08	
119 4-Isopropyltoluene	119	10.330	10.325	0.005	96	39960	5.00	5.08	
* 121 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	98	189541	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.403	10.404	-0.001	93	25252	5.00	5.04	
123 1,2,3-Trimethylbenzene	105	10.427	10.428	-0.001	99	47814	5.00	5.12	
124 Benzyl chloride	91	10.531	10.531	0.000	97	22201	5.00	4.37	
125 2,3-Dihydroindene	117	10.586	10.586	0.000	93	43925	NC	NC	
126 p-Diethylbenzene	119	10.646	10.647	-0.001	90	20597	NC	NC	
127 n-Butylbenzene	92	10.671	10.671	0.000	97	22902	5.00	5.18	
128 1,2-Dichlorobenzene	146	10.713	10.714	-0.001	92	24024	5.00	5.05	
129 1,2,4,5-Tetramethylbenzene	119	11.273	11.274	-0.001	96	41231	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.352	11.353	-0.001	86	2444	5.00	4.92	
131 1,3,5-Trichlorobenzene	180	11.462	11.462	0.000	96	15953	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.942	11.937	0.005	94	14881	5.00	4.82	
133 Hexachlorobutadiene	225	12.021	12.022	-0.001	92	5594	5.00	5.25	
134 Naphthalene	128	12.125	12.125	0.000	98	38845	5.00	4.87	
135 1,2,3-Trichlorobenzene	180	12.295	12.296	-0.001	94	13311	5.00	4.68	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	10.2	
S 138 Total BTEX	1				0		25.0	25.6	

QC Flag Legend

Processing Flags
- NC - Not Calibrated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	10.00	Units: uL	
524freon_00058	Amount Added:	10.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
GASES Li_00497	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:02:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D

Injection Date: 13-Oct-2022 00:21:30 Instrument ID: CVOAMS8 Operator ID:

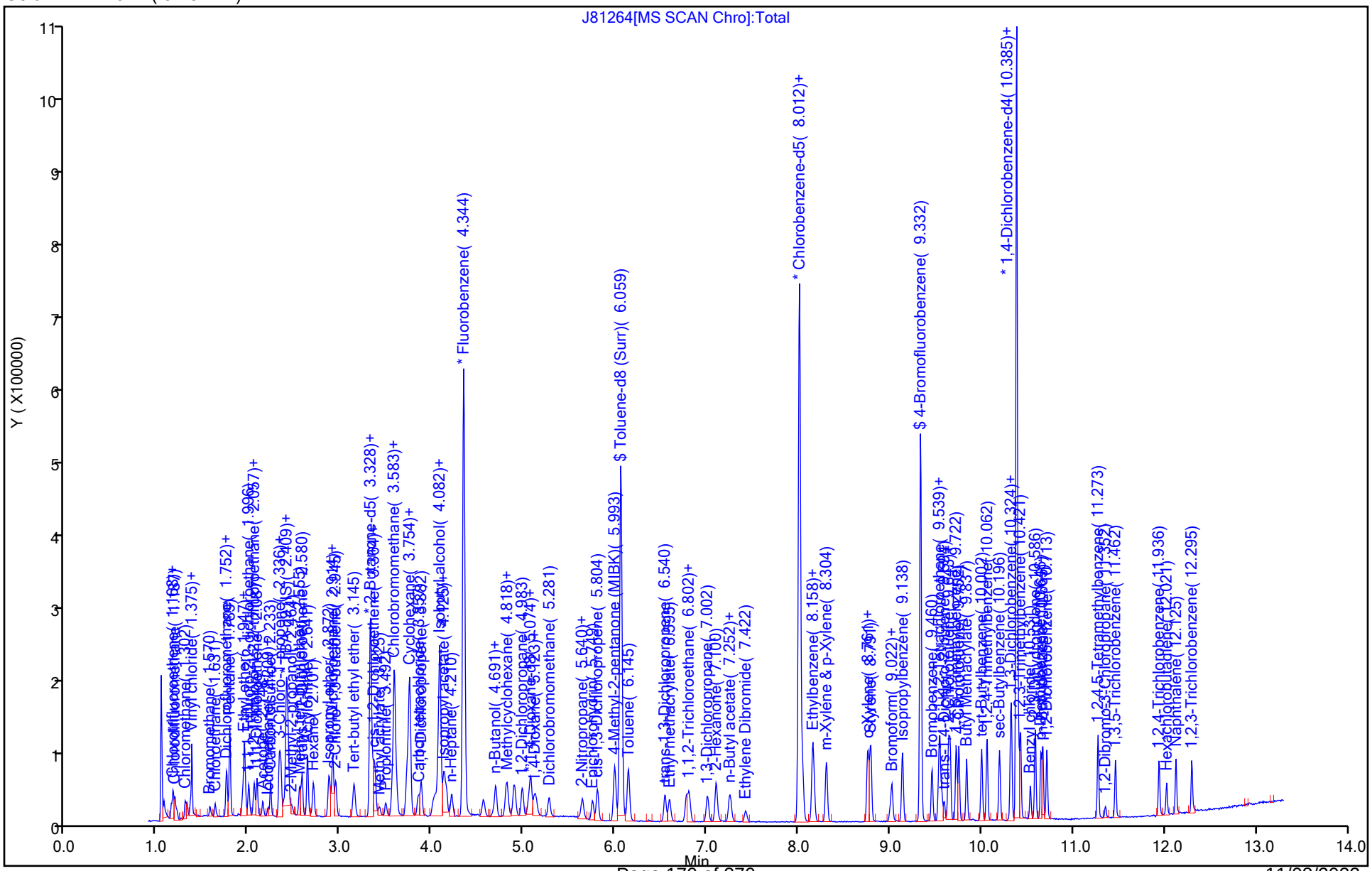
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

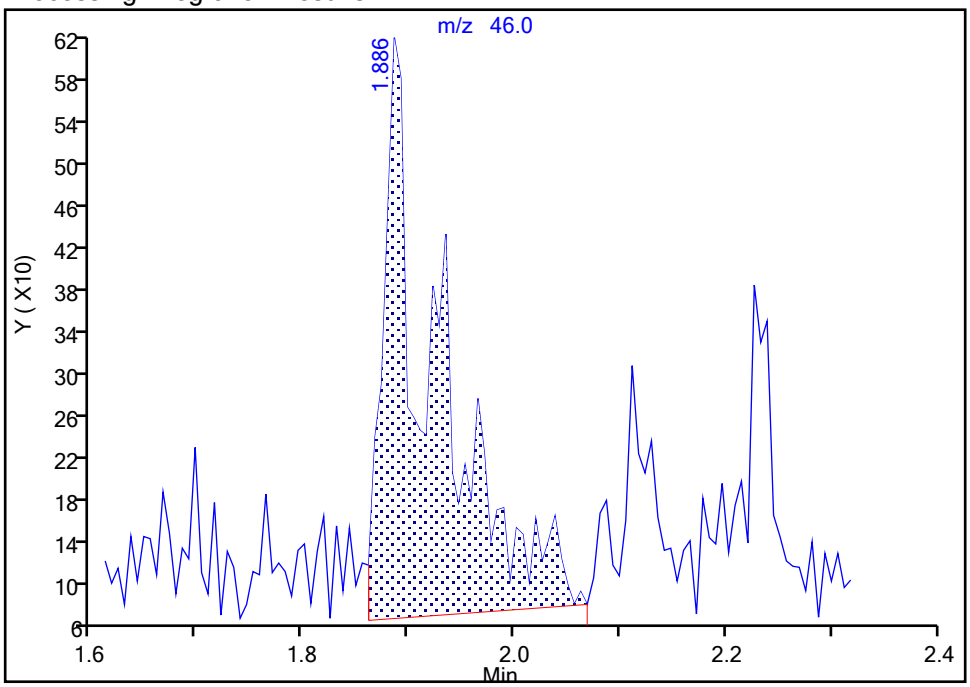
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D
Injection Date: 13-Oct-2022 00:21:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

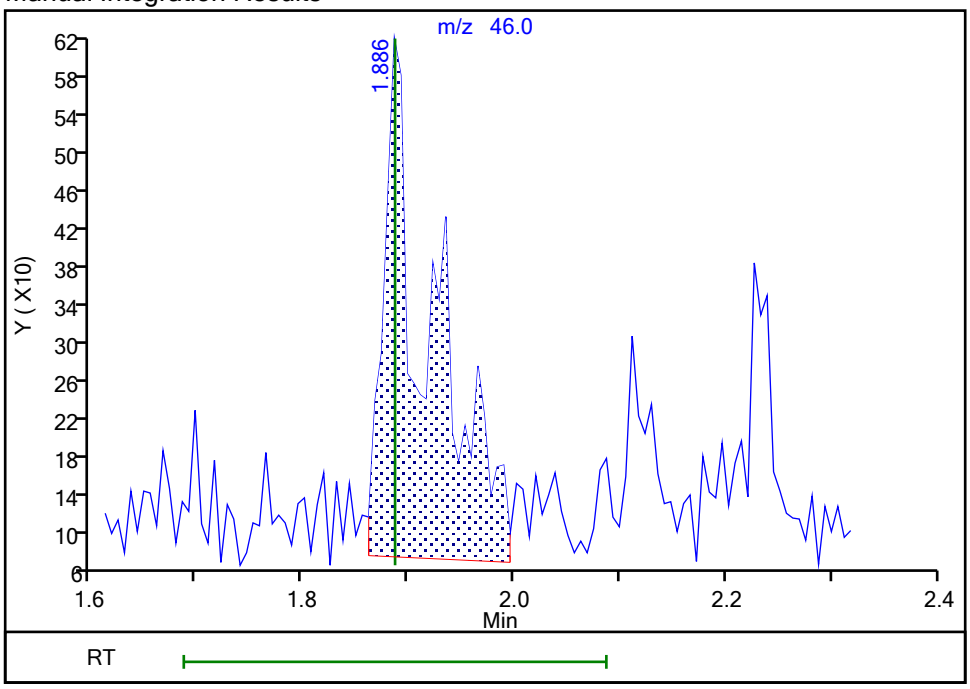
Processing Integration Results

RT: 1.89
Area: 1893
Amount: 232.1088
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 1672
Amount: 209.7474
Amount Units: ug/l



Reviewer: W9CM, 14-Oct-2022 15:32:59
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

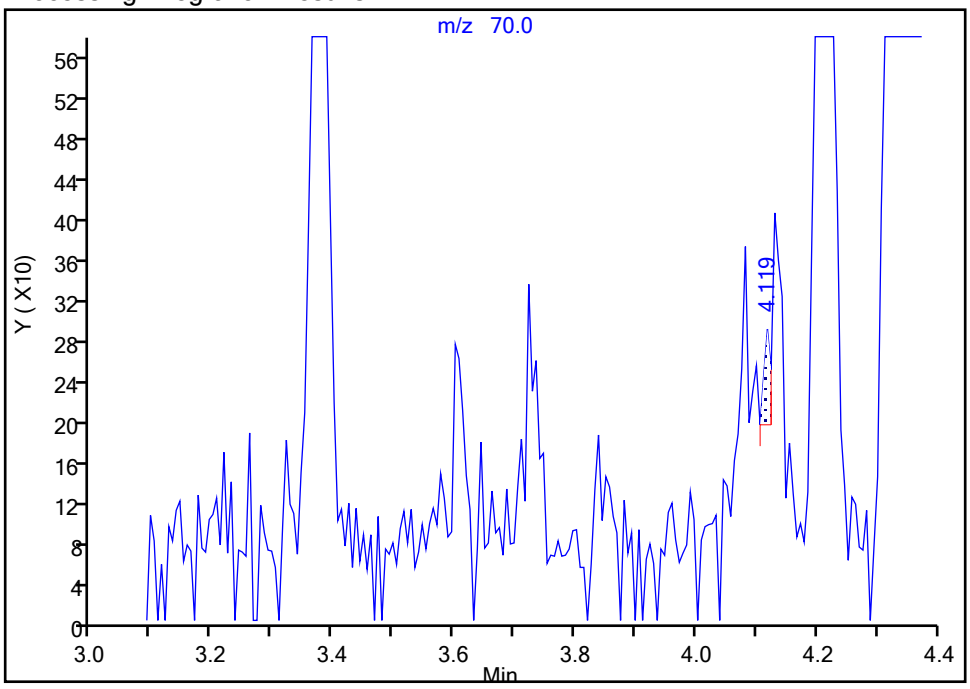
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81264.D
Injection Date: 13-Oct-2022 00:21:30 Instrument ID: CVOAMS8
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

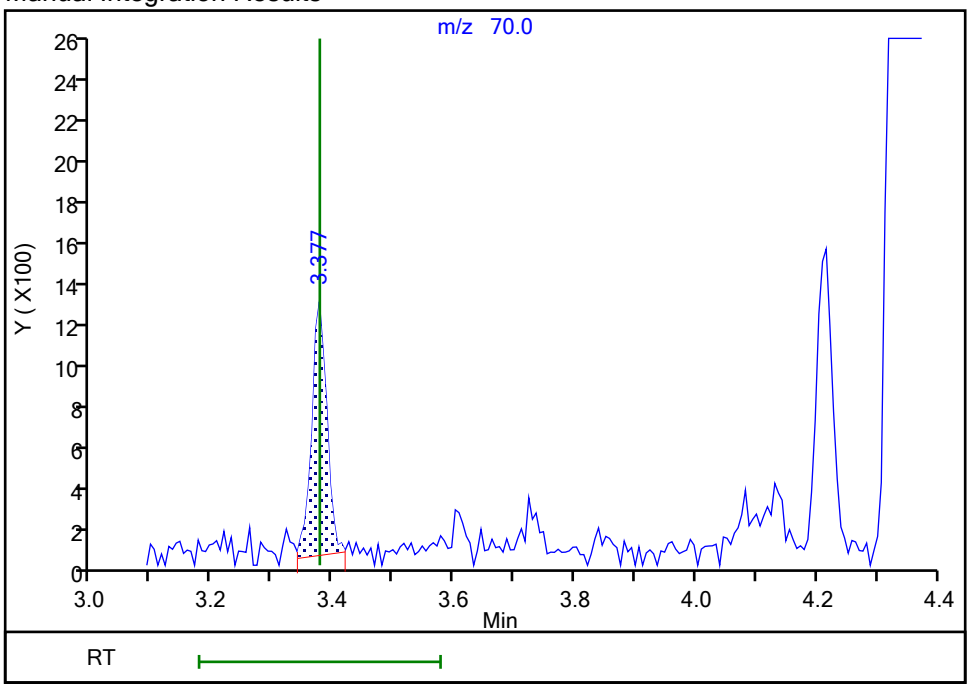
Processing Integration Results

RT: 4.12
Area: 72
Amount: 0.337579
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 2157
Amount: 9.714397
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 02:09:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 13-Oct-2022 00:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0151655-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:02:27 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 01:31:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.151	1.151	0.000	97	5340	NC	NC	
4 Dichlorodifluoromethane	85	1.175	1.175	0.000	99	64772	20.0	19.1	
5 Chlorodifluoromethane	67	1.193	1.193	0.000	98	12004	NC	NC	
6 Chloromethane	50	1.303	1.303	0.000	100	93533	20.0	19.1	
7 Vinyl chloride	62	1.364	1.364	0.000	99	63880	20.0	19.7	
8 Butadiene	54	1.376	1.376	0.000	94	60887	20.0	19.5	
9 Bromomethane	94	1.577	1.577	0.000	99	22670	20.0	19.0	
10 Chloroethane	64	1.631	1.631	0.000	98	33037	20.0	20.6	
12 Dichlorofluoromethane	67	1.753	1.753	0.000	99	96497	NC	NC	
11 Trichlorofluoromethane	101	1.759	1.759	0.000	98	67708	20.0	19.6	
13 Pentane	43	1.789	1.789	0.000	96	175847	40.0	43.7	
14 Ethanol	46	1.887	1.887	0.000	97	7465	800.0	912.0	
15 Ethyl ether	59	1.929	1.929	0.000	90	42021	20.0	21.0	
16 2-Methyl-1,3-butadiene	53	1.948	1.948	0.000	95	50915	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.960	1.960	0.000	98	32408	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.996	1.996	0.000	98	64600	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.057	2.057	0.000	93	41509	20.0	20.3	
19 Acrolein	56	2.057	2.057	0.000	96	11907	40.0	36.4	
21 1,1-Dichloroethene	96	2.088	2.088	0.000	93	40293	20.0	19.7	
22 Acetone	43	2.148	2.148	0.000	84	69593	100.0	92.0	
23 Iodomethane	142	2.209	2.209	0.000	100	38539	20.0	18.0	
25 Isopropyl alcohol	45	2.209	2.209	0.000	60	18494	200.0	195.9	
24 Carbon disulfide	76	2.234	2.234	0.000	100	150419	20.0	20.0	
26 3-Chloro-1-propene	76	2.331	2.331	0.000	94	29320	20.0	20.4	
28 Methyl acetate	43	2.337	2.337	0.000	99	79558	40.0	40.3	
27 Cyclopentene	67	2.349	2.349	0.000	95	119298	NC	NC	
29 Acetonitrile	41	2.380	2.380	0.000	99	48527	200.0	201.5	
* 30 TBA-d9 (IS)	65	2.410	2.410	0.000	76	181731	1000.0	1000.0	
31 Methylene Chloride	84	2.428	2.428	0.000	96	50896	20.0	20.1	
32 2-Methyl-2-propanol	59	2.465	2.465	0.000	98	28129	200.0	193.1	

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	2.556	2.556	0.000	97	126213	20.0	20.1	
34 trans-1,2-Dichloroethene	96	2.580	2.580	0.000	97	44943	20.0	19.4	
35 Acrylonitrile	53	2.635	2.635	0.000	93	186525	200.0	214.6	
36 Hexane	57	2.702	2.702	0.000	93	60667	20.0	21.0	
37 Isopropyl ether	45	2.872	2.872	0.000	97	197494	20.0	20.6	
38 1,1-Dichloroethane	63	2.909	2.909	0.000	99	104968	20.0	20.2	
39 Vinyl acetate	43	2.915	2.915	0.000	100	266416	40.0	43.7	
40 2-Chloro-1,3-butadiene	88	2.945	2.945	0.000	95	40026	NC	NC	
41 Tert-butyl ethyl ether	59	3.146	3.146	0.000	86	160087	NC	NC	
* 43 2-Butanone-d5	46	3.323	3.323	0.000	97	285282	250.0	250.0	
42 2,2-Dichloropropane	79	3.335	3.335	0.000	95	24706	20.0	18.5	
44 cis-1,2-Dichloroethene	96	3.359	3.359	0.000	89	49548	20.0	19.5	
46 2-Butanone (MEK)	72	3.377	3.377	0.000	94	21476	100.0	95.7	
45 Ethyl acetate	70	3.377	3.377	0.000	93	9516	40.0	40.6	a
47 Methyl acrylate	55	3.426	3.426	0.000	99	42683	NC	NC	
48 Propionitrile	54	3.493	3.493	0.000	97	64461	NC	NC	
50 Chlorobromomethane	128	3.566	3.566	0.000	95	22138	20.0	19.6	
49 Tetrahydrofuran	72	3.566	3.566	0.000	91	9771	40.0	43.7	
51 Methacrylonitrile	67	3.584	3.584	0.000	97	187156	NC	NC	
52 Chloroform	83	3.608	3.608	0.000	97	91370	20.0	20.1	
53 Cyclohexane	84	3.724	3.724	0.000	98	57310	20.0	20.3	
54 1,1,1-Trichloroethane	97	3.742	3.742	0.000	97	71090	20.0	19.8	
$ 55 Dibromofluoromethane (Surr)	113	3.754	3.754	0.000	94	101089	50.0	50.5	
56 Carbon tetrachloride	117	3.852	3.852	0.000	98	56094	20.0	19.6	
57 1,1-Dichloropropene	75	3.882	3.882	0.000	93	69378	20.0	20.1	
58 Isobutyl alcohol	43	4.010	4.010	0.000	90	57964	NC	NC	
59 Isooctane	57	4.034	4.034	0.000	95	102227	NC	NC	
60 Benzene	78	4.065	4.065	0.000	98	198090	20.0	20.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.083	4.083	0.000	0	137585	50.0	50.0	
62 Isopropyl acetate	43	4.126	4.126	0.000	94	144954	20.0	20.1	
63 Tert-amyl methyl ether	55	4.132	4.132	0.000	92	34642	NC	NC	
64 1,2-Dichloroethane	62	4.156	4.156	0.000	97	77775	20.0	20.2	
65 n-Heptane	57	4.211	4.211	0.000	97	22700	20.0	19.8	
* 66 Fluorobenzene	96	4.345	4.345	0.000	97	460431	50.0	50.0	
67 n-Butanol	56	4.667	4.667	0.000	96	17245	500.0	501.7	
68 Trichloroethene	95	4.691	4.691	0.000	92	48315	20.0	18.9	
69 Methylcyclohexane	83	4.813	4.813	0.000	86	59856	20.0	20.6	
70 Ethyl acrylate	55	4.819	4.819	0.000	97	122785	20.0	19.9	
71 1,2-Dichloropropane	63	4.983	4.983	0.000	89	60458	20.0	19.8	
* 72 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	23858	1000.0	1000.0	
73 Methyl methacrylate	100	5.075	5.075	0.000	94	18376	40.0	39.8	
74 Dibromomethane	93	5.117	5.117	0.000	92	32438	20.0	19.3	
75 1,4-Dioxane	88	5.123	5.123	0.000	33	5130	400.0	395.7	M
76 n-Propyl acetate	43	5.135	5.135	0.000	99	76992	20.0	20.0	
77 Dichlorobromomethane	83	5.275	5.275	0.000	98	66063	20.0	19.3	
78 2-Nitropropane	41	5.634	5.634	0.000	81	24668	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.640	5.640	0.000	79	32686	20.0	19.3	
80 Epichlorohydrin	57	5.750	5.750	0.000	99	88675	400.0	386.9	
81 cis-1,3-Dichloropropene	75	5.805	5.805	0.000	100	92114	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.993	5.993	0.000	97	280021	100.0	103.5	
$ 83 Toluene-d8 (Surr)	98	6.060	6.060	0.000	97	384192	50.0	52.2	
84 Toluene	91	6.145	6.145	0.000	92	204579	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.541	6.541	0.000	97	80082	20.0	19.9	
86 Ethyl methacrylate	69	6.589	6.589	0.000	97	61917	NC	NC	
87 1,1,2-Trichloroethane	83	6.778	6.778	0.000	93	43294	20.0	20.5	
88 Tetrachloroethene	166	6.808	6.808	0.000	94	43218	20.0	20.7	
89 1,3-Dichloropropane	76	7.009	7.009	0.000	97	81788	20.0	20.9	
90 2-Hexanone	58	7.100	7.100	0.000	98	87403	100.0	98.9	
91 n-Butyl acetate	43	7.246	7.246	0.000	96	92982	20.0	20.1	
92 Chlorodibromomethane	129	7.259	7.259	0.000	97	43742	20.0	19.6	
93 Ethylene Dibromide	107	7.423	7.423	0.000	96	47055	20.0	20.6	
* 94 Chlorobenzene-d5	117	8.013	8.013	0.000	92	344187	50.0	50.0	
95 Chlorobenzene	112	8.049	8.049	0.000	90	122710	20.0	20.3	
96 Ethylbenzene	106	8.153	8.153	0.000	99	63813	20.0	20.1	
97 1,1,1,2-Tetrachloroethane	131	8.165	8.165	0.000	93	40080	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.305	8.305	0.000	0	80463	20.0	20.4	
99 o-Xylene	106	8.755	8.755	0.000	92	82024	20.0	20.7	
100 n-Butyl acrylate	73	8.773	8.773	0.000	95	40541	20.0	20.2	
101 Styrene	104	8.792	8.792	0.000	90	139738	20.0	20.6	
103 Bromoform	173	9.004	9.004	0.000	93	26732	20.0	19.1	
102 Amyl acetate (mixed isomers)	43	9.017	9.017	0.000	85	116915	20.0	21.4	
104 Isopropylbenzene	105	9.138	9.138	0.000	97	197001	20.0	20.4	
$ 105 4-Bromofluorobenzene	174	9.333	9.333	0.000	84	126311	50.0	51.7	
106 Bromobenzene	156	9.461	9.461	0.000	93	53347	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	9.528	9.528	0.000	99	65677	20.0	20.9	
108 N-Propylbenzene	91	9.546	9.546	0.000	98	259677	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.564	9.564	0.000	96	13508	20.0	19.5	
110 trans-1,4-Dichloro-2-butene	53	9.595	9.595	0.000	85	19477	NC	NC	
111 2-Chlorotoluene	91	9.637	9.637	0.000	97	184924	20.0	20.8	
112 4-Ethyltoluene	105	9.655	9.655	0.000	97	205033	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.722	9.722	0.000	91	169505	20.0	20.4	
114 4-Chlorotoluene	91	9.753	9.753	0.000	99	175178	20.0	20.4	
115 Butyl Methacrylate	87	9.838	9.838	0.000	97	66185	20.0	20.5	
116 tert-Butylbenzene	119	10.002	10.002	0.000	88	130184	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.063	10.063	0.000	99	180961	20.0	20.6	
118 sec-Butylbenzene	105	10.197	10.197	0.000	98	195651	20.0	20.7	
120 1,3-Dichlorobenzene	146	10.319	10.319	0.000	93	97090	20.0	20.3	
119 4-Isopropyltoluene	119	10.325	10.325	0.000	96	161116	20.0	20.5	
* 121 1,4-Dichlorobenzene-d4	152	10.385	10.385	0.000	98	189292	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.404	10.404	0.000	95	101985	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	10.428	10.428	0.000	100	191974	20.0	20.6	
124 Benzyl chloride	91	10.531	10.531	0.000	97	98468	20.0	19.4	
125 2,3-Dihydroindene	117	10.586	10.586	0.000	94	182720	NC	NC	
126 p-Diethylbenzene	119	10.647	10.647	0.000	90	85846	NC	NC	
127 n-Butylbenzene	92	10.671	10.671	0.000	97	89665	20.0	20.3	
128 1,2-Dichlorobenzene	146	10.714	10.714	0.000	93	96116	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	11.274	11.274	0.000	96	167741	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.353	11.353	0.000	87	9639	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	11.462	11.462	0.000	95	65597	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.937	11.937	0.000	93	61096	20.0	19.8	
133 Hexachlorobutadiene	225	12.022	12.022	0.000	93	21498	20.0	20.2	
134 Naphthalene	128	12.125	12.125	0.000	98	160166	20.0	20.1	
135 1,2,3-Trichlorobenzene	180	12.296	12.296	0.000	95	56533	20.0	19.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.1	
S 138 Total BTEX	1				0		100.0	102.3	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added:	20.00	Units: uL	
524freon_00058	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
GASES Li_00497	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:02:29 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D

Injection Date: 13-Oct-2022 00:46:30 Instrument ID: CVOAMS8 Operator ID:

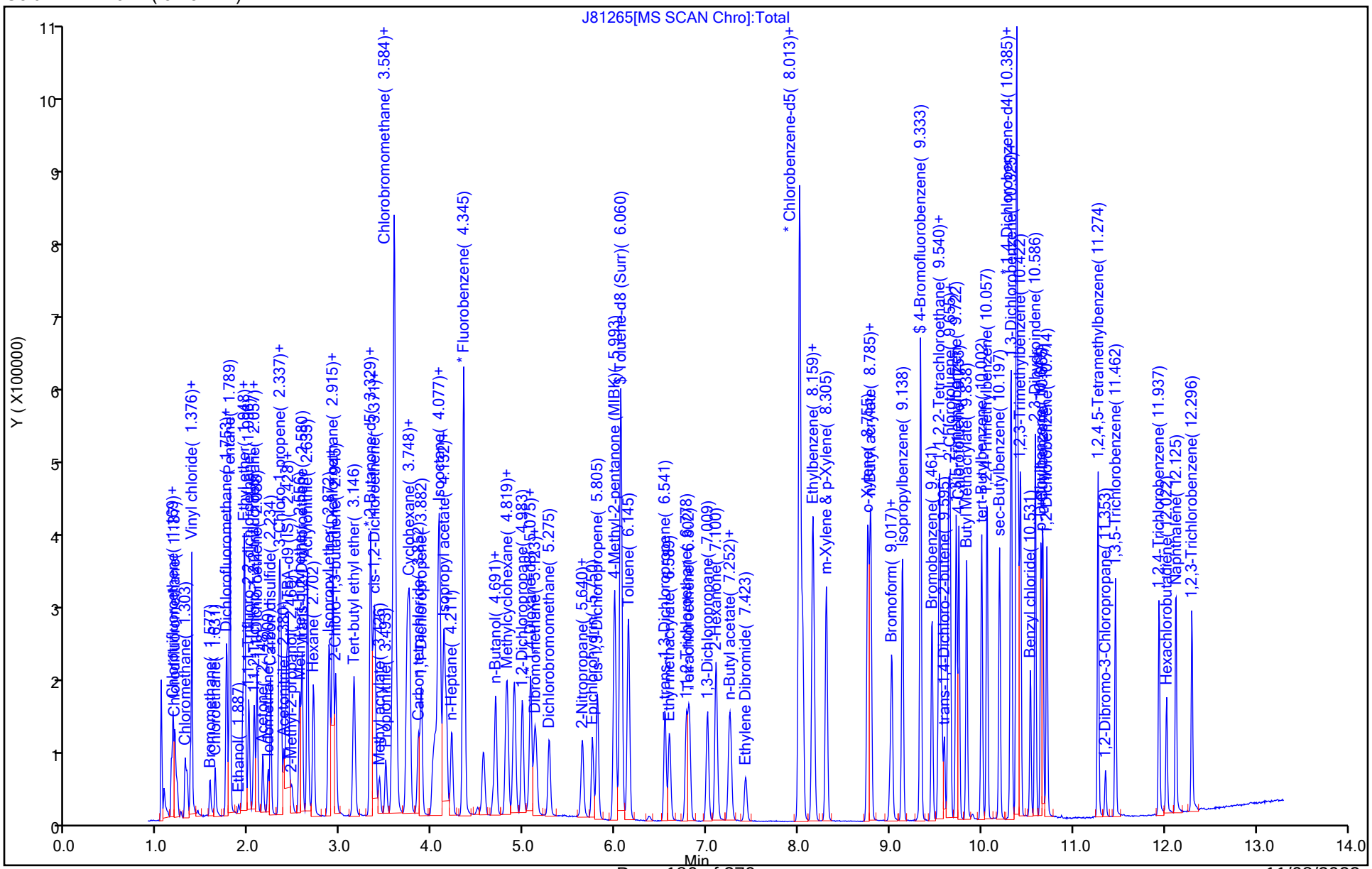
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

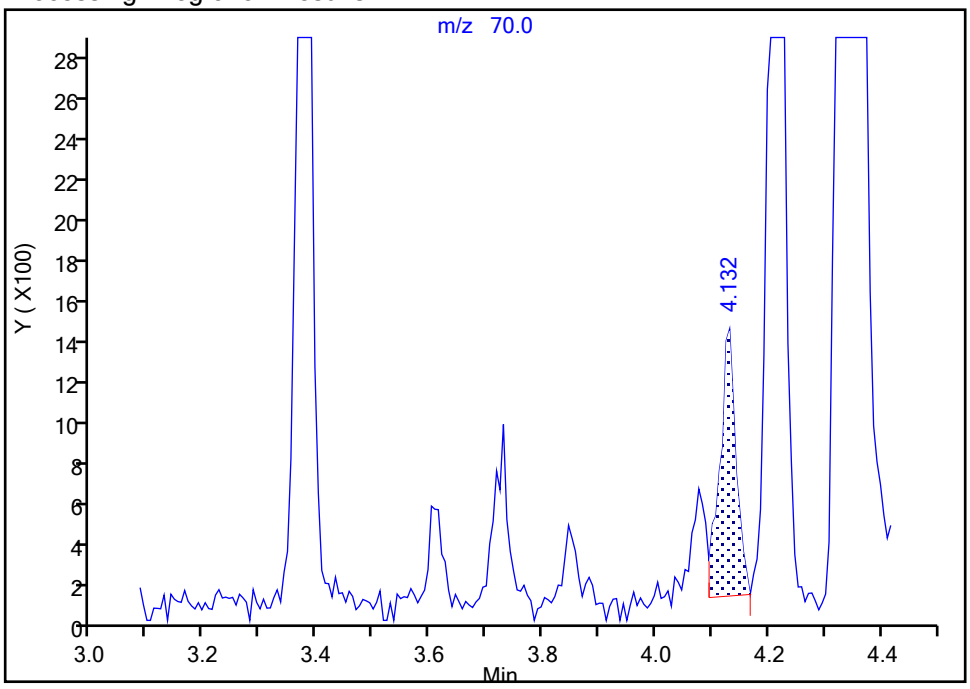
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D
Injection Date: 13-Oct-2022 00:46:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

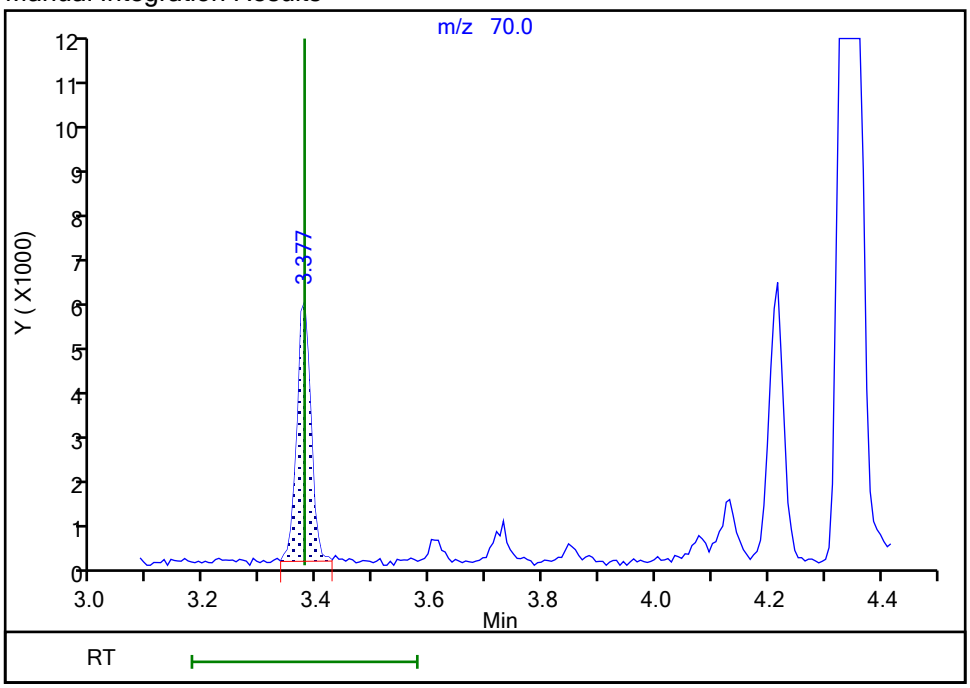
Processing Integration Results

RT: 4.13
Area: 2563
Amount: 41.759029
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 9516
Amount: 40.635293
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 01:32:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison

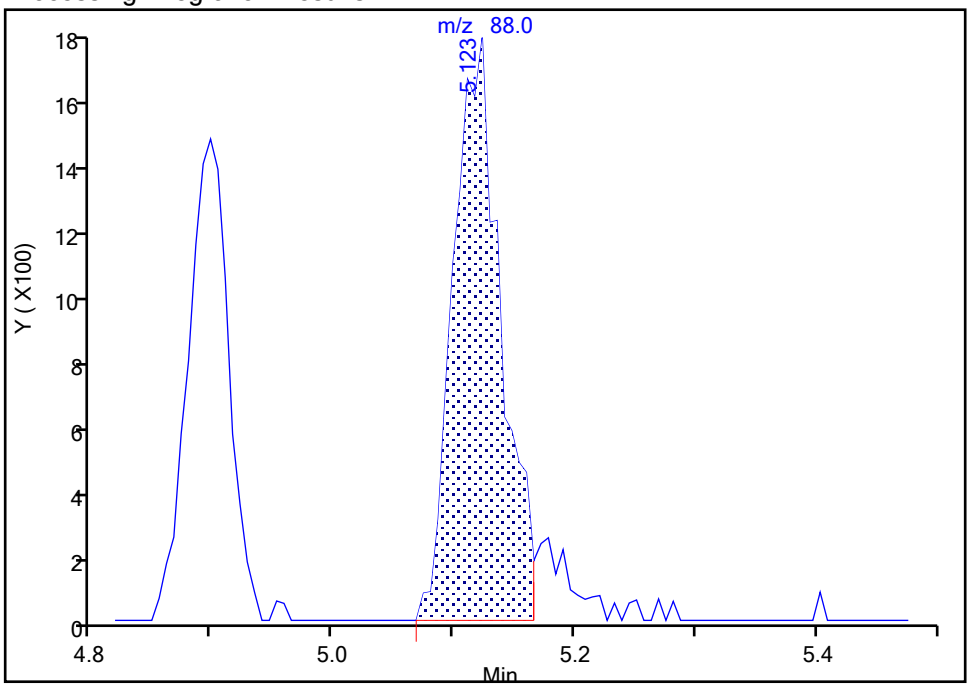
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81265.D
Injection Date: 13-Oct-2022 00:46:30 Instrument ID: CVOAMS8
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

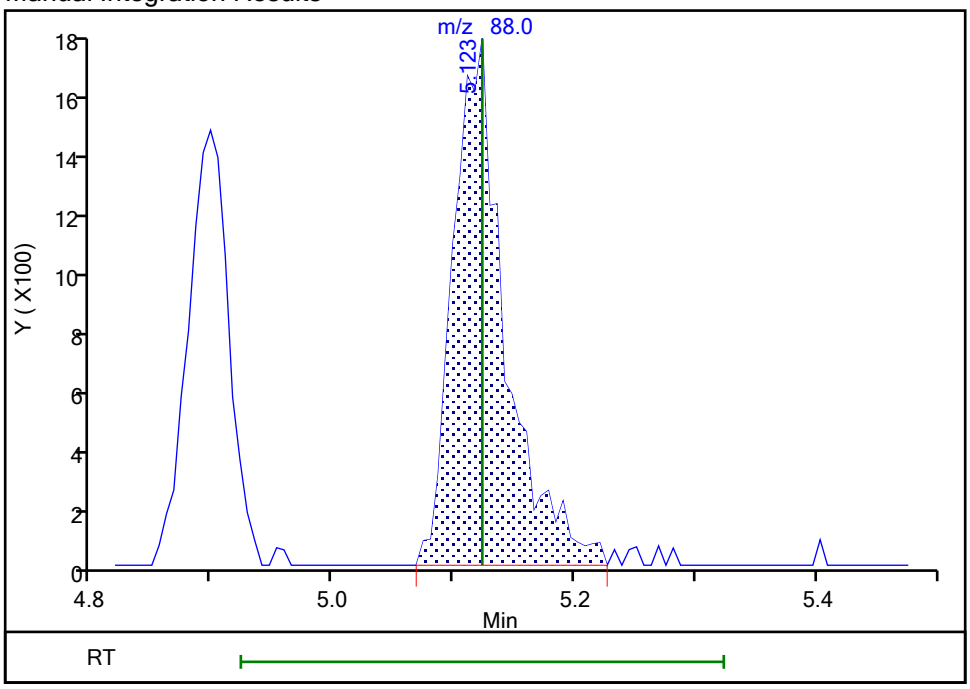
Processing Integration Results

RT: 5.12
Area: 4699
Amount: 398.9692
Amount Units: ug/l



Manual Integration Results

RT: 5.12
Area: 5130
Amount: 395.6711
Amount Units: ug/l



Reviewer: W9CM, 14-Oct-2022 15:51:00
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 13-Oct-2022 01:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0151655-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:02:36 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 01:32:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.148	1.151	-0.003	95	13828	NC	NC	
4 Dichlorodifluoromethane	85	1.172	1.175	-0.003	100	164101	50.0	47.7	
5 Chlorodifluoromethane	67	1.191	1.193	-0.002	99	30064	NC	NC	
6 Chloromethane	50	1.300	1.303	-0.003	100	234711	50.0	47.2	
7 Vinyl chloride	62	1.361	1.364	-0.003	99	159015	50.0	48.1	
8 Butadiene	54	1.379	1.376	0.003	95	148773	50.0	46.9	
9 Bromomethane	94	1.574	1.577	-0.003	98	56748	50.0	46.6	
10 Chloroethane	64	1.629	1.631	-0.002	98	78010	50.0	47.9	
12 Dichlorofluoromethane	67	1.750	1.753	-0.003	99	241171	NC	NC	
11 Trichlorofluoromethane	101	1.756	1.759	-0.003	98	169536	50.0	48.3	
13 Pentane	43	1.787	1.789	-0.002	96	411174	100.0	100.4	
14 Ethanol	46	1.890	1.887	0.003	96	18619	2000.0	2050.3	
15 Ethyl ether	59	1.927	1.929	-0.002	90	103598	50.0	50.8	
16 2-Methyl-1,3-butadiene	53	1.945	1.948	-0.003	95	128379	50.0	49.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.957	1.960	-0.003	99	79899	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	1.996	0.004	98	161687	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.055	2.057	-0.002	94	103015	50.0	49.6	
19 Acrolein	56	2.061	2.057	0.004	93	35021	100.0	96.6	
21 1,1-Dichloroethene	96	2.085	2.088	-0.003	93	98642	50.0	47.4	
22 Acetone	43	2.152	2.148	0.004	85	184664	250.0	225.5	
23 Iodomethane	142	2.207	2.209	-0.002	99	116770	50.0	53.2	
25 Isopropyl alcohol	45	2.207	2.209	-0.002	99	58764	500.0	561.0	
24 Carbon disulfide	76	2.237	2.234	0.003	100	388233	50.0	50.8	
26 3-Chloro-1-propene	76	2.328	2.331	-0.003	93	71984	50.0	49.3	
28 Methyl acetate	43	2.334	2.337	-0.003	99	209052	100.0	104.1	
27 Cyclopentene	67	2.347	2.349	-0.002	94	306021	NC	NC	
29 Acetonitrile	41	2.377	2.380	-0.003	99	136774	500.0	511.8	
* 30 TBA-d9 (IS)	65	2.413	2.410	0.003	83	201619	1000.0	1000.0	
31 Methylene Chloride	84	2.432	2.428	0.004	95	122912	50.0	47.8	
32 2-Methyl-2-propanol	59	2.468	2.465	0.003	99	82405	500.0	509.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.553	2.556	-0.003	97	331676	50.0	51.9	
34 trans-1,2-Dichloroethene	96	2.578	2.580	-0.002	96	111993	50.0	47.5	
35 Acrylonitrile	53	2.639	2.635	0.004	93	477492	500.0	495.1	
36 Hexane	57	2.705	2.702	0.003	92	152063	50.0	51.8	
37 Isopropyl ether	45	2.876	2.872	0.004	97	510990	50.0	52.3	
38 1,1-Dichloroethane	63	2.906	2.909	-0.003	99	261202	50.0	49.3	
39 Vinyl acetate	43	2.918	2.915	0.003	100	637251	100.0	102.8	
40 2-Chloro-1,3-butadiene	88	2.949	2.945	0.004	95	99953	NC	NC	
41 Tert-butyl ethyl ether	59	3.144	3.146	-0.002	86	414763	NC	NC	
* 43 2-Butanone-d5	46	3.326	3.323	0.003	93	308867	250.0	250.0	
42 2,2-Dichloropropane	79	3.332	3.335	-0.003	94	62081	50.0	45.6	
44 cis-1,2-Dichloroethene	96	3.356	3.359	-0.003	90	123461	50.0	47.7	
46 2-Butanone (MEK)	72	3.375	3.377	-0.002	94	54251	250.0	223.4	
45 Ethyl acetate	70	3.375	3.377	-0.002	94	24524	100.0	96.7	a
47 Methyl acrylate	55	3.423	3.426	-0.003	99	107391	NC	NC	
48 Propionitrile	54	3.490	3.493	-0.003	97	166782	NC	NC	
50 Chlorobromomethane	128	3.563	3.566	-0.003	94	54682	50.0	47.7	
49 Tetrahydrofuran	72	3.569	3.566	0.003	92	24978	100.0	103.1	
51 Methacrylonitrile	67	3.588	3.584	0.004	97	486259	NC	NC	
52 Chloroform	83	3.612	3.608	0.004	97	225331	50.0	48.7	
53 Cyclohexane	84	3.728	3.724	0.004	98	141932	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.740	3.742	-0.002	97	176527	50.0	48.3	
$ 55 Dibromofluoromethane (Surr)	113	3.752	3.754	-0.002	95	102265	50.0	50.2	
56 Carbon tetrachloride	117	3.849	3.852	-0.003	98	142869	50.0	49.1	
57 1,1-Dichloropropene	75	3.880	3.882	-0.002	92	173240	50.0	49.4	
58 Isobutyl alcohol	43	4.007	4.010	-0.003	95	163074	NC	NC	
59 Isooctane	57	4.032	4.034	-0.002	95	262974	NC	NC	a
60 Benzene	78	4.068	4.065	0.003	98	492802	50.0	49.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.086	4.083	0.003	0	140365	50.0	50.1	
62 Isopropyl acetate	43	4.129	4.126	0.003	94	387065	50.0	52.7	
63 Tert-amyl methyl ether	55	4.129	4.132	-0.003	93	87766	NC	NC	
64 1,2-Dichloroethane	62	4.159	4.156	0.003	97	189915	50.0	48.4	
65 n-Heptane	57	4.214	4.211	0.003	97	57755	50.0	49.4	
* 66 Fluorobenzene	96	4.348	4.345	0.003	97	468525	50.0	50.0	
67 n-Butanol	56	4.664	4.667	-0.003	97	55587	1250.0	1457.6	
68 Trichloroethene	95	4.695	4.691	0.004	91	124583	50.0	47.8	
69 Methylcyclohexane	83	4.810	4.813	-0.003	83	150147	50.0	50.8	
70 Ethyl acrylate	55	4.823	4.819	0.004	97	321873	50.0	51.2	
71 1,2-Dichloropropane	63	4.987	4.983	0.004	89	149051	50.0	48.0	
* 72 1,4-Dioxane-d8	96	5.060	5.056	0.004	0	26232	1000.0	1000.0	
73 Methyl methacrylate	100	5.078	5.075	0.003	94	47148	100.0	100.4	
74 Dibromomethane	93	5.115	5.117	-0.002	89	81852	50.0	47.8	
75 1,4-Dioxane	88	5.115	5.123	-0.008	40	16143	1000.0	1132.4	
76 n-Propyl acetate	43	5.133	5.135	-0.002	98	204392	50.0	52.2	
77 Dichlorobromomethane	83	5.279	5.275	0.004	98	167544	50.0	48.2	
78 2-Nitropropane	41	5.632	5.634	-0.002	98	69740	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.644	5.640	0.004	95	89247	50.1	51.8	
80 Epichlorohydrin	57	5.753	5.750	0.003	99	239367	1000.0	964.6	
81 cis-1,3-Dichloropropene	75	5.802	5.805	-0.003	99	234776	50.0	49.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.991	5.993	-0.002	98	719589	250.0	245.7	
$ 83 Toluene-d8 (Surr)	98	6.064	6.060	0.004	98	393919	50.0	51.3	
84 Toluene	91	6.143	6.145	-0.002	92	507992	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.544	6.541	0.003	97	210875	50.0	50.2	
86 Ethyl methacrylate	69	6.593	6.589	0.004	96	160046	NC	NC	
87 1,1,2-Trichloroethane	83	6.775	6.778	-0.003	94	108946	50.0	49.3	
88 Tetrachloroethene	166	6.806	6.808	-0.002	93	106239	50.0	48.6	
89 1,3-Dichloropropane	76	7.007	7.009	-0.003	97	201831	50.0	49.4	
90 2-Hexanone	58	7.098	7.100	-0.002	98	234708	250.0	245.3	
91 n-Butyl acetate	43	7.244	7.246	-0.002	95	245488	50.0	50.8	
92 Chlorodibromomethane	129	7.262	7.259	0.003	97	117568	50.0	50.4	
93 Ethylene Dibromide	107	7.420	7.423	-0.003	98	117885	50.0	49.5	
* 94 Chlorobenzene-d5	117	8.010	8.013	-0.003	92	359266	50.0	50.0	
95 Chlorobenzene	112	8.047	8.049	-0.002	89	308874	50.0	48.9	
96 Ethylbenzene	106	8.156	8.153	0.003	99	163350	50.0	49.4	
97 1,1,1,2-Tetrachloroethane	131	8.175	8.165	0.010	93	108277	50.0	50.3	
98 m-Xylene & p-Xylene	106	8.308	8.305	0.003	0	202215	50.0	49.1	
99 o-Xylene	106	8.759	8.755	0.004	92	201515	50.0	48.7	
100 n-Butyl acrylate	73	8.777	8.773	0.004	95	104902	50.0	50.2	
101 Styrene	104	8.789	8.792	-0.003	90	350671	50.0	49.4	
103 Bromoform	173	9.002	9.004	-0.002	93	73334	50.0	50.3	
102 Amyl acetate (mixed isomers)	43	9.020	9.017	0.003	85	291831	50.0	51.6	
104 Isopropylbenzene	105	9.136	9.138	-0.002	98	487486	50.0	48.4	
$ 105 4-Bromofluorobenzene	174	9.336	9.333	0.003	86	128266	50.0	50.3	
106 Bromobenzene	156	9.458	9.461	-0.003	93	132774	50.0	48.2	
107 1,1,2,2-Tetrachloroethane	83	9.531	9.528	0.003	99	163403	50.0	50.3	
108 N-Propylbenzene	91	9.543	9.546	-0.003	98	650039	50.0	50.4	
109 1,2,3-Trichloropropane	110	9.568	9.564	0.004	97	34837	50.0	48.6	
110 trans-1,4-Dichloro-2-butene	53	9.592	9.595	-0.003	87	51284	NC	NC	
111 2-Chlorotoluene	91	9.641	9.637	0.004	97	454681	50.0	49.3	
112 4-Ethyltoluene	105	9.659	9.655	0.004	98	514428	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.726	9.722	0.004	91	420309	50.0	48.9	
114 4-Chlorotoluene	91	9.750	9.753	-0.003	99	439529	50.0	49.4	
115 Butyl Methacrylate	87	9.835	9.838	-0.003	97	168959	50.0	50.5	
116 tert-Butylbenzene	119	10.000	10.002	-0.002	89	322907	50.0	49.6	
117 1,2,4-Trimethylbenzene	105	10.060	10.063	-0.003	99	456709	50.0	50.2	
118 sec-Butylbenzene	105	10.194	10.197	-0.003	98	491806	50.0	50.2	
120 1,3-Dichlorobenzene	146	10.316	10.319	-0.003	95	245368	50.0	49.6	
119 4-Isopropyltoluene	119	10.328	10.325	0.003	97	411794	50.0	50.6	
* 121 1,4-Dichlorobenzene-d4	152	10.383	10.385	-0.002	98	195797	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.401	10.404	-0.003	92	254577	50.0	49.2	
123 1,2,3-Trimethylbenzene	105	10.425	10.428	-0.003	99	482150	50.0	50.0	
124 Benzyl chloride	91	10.535	10.531	0.004	97	274141	50.0	52.3	
125 2,3-Dihydroindene	117	10.590	10.586	0.004	94	453226	NC	NC	
126 p-Diethylbenzene	119	10.651	10.647	0.003	90	214447	NC	NC	
127 n-Butylbenzene	92	10.669	10.671	-0.002	97	226774	50.0	49.7	
128 1,2-Dichlorobenzene	146	10.711	10.714	-0.003	93	240378	50.0	48.9	
129 1,2,4,5-Tetramethylbenzene	119	11.271	11.274	-0.003	96	423662	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.356	11.353	0.003	91	25589	50.0	49.9	
131 1,3,5-Trichlorobenzene	180	11.466	11.462	0.004	96	166152	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.940	11.937	0.003	93	157773	50.0	49.4	
133 Hexachlorobutadiene	225	12.019	12.022	-0.003	93	52806	50.0	48.0	
134 Naphthalene	128	12.123	12.125	-0.002	98	415085	50.0	50.4	
135 1,2,3-Trichlorobenzene	180	12.299	12.296	0.003	95	144726	50.0	49.3	
S 136 1,2-Dichloroethene, Total	100				0		100.0	95.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	97.8	
S 138 Total BTEX	1				0		250.0	245.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00160	Amount Added: 50.00	Units: uL		
524freon_00058	Amount Added: 50.00	Units: uL		
ACROLEIN W_00145	Amount Added: 10.00	Units: uL		
GASES Li_00497	Amount Added: 50.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00232	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 14-Oct-2022 16:02:37 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D

Injection Date: 13-Oct-2022 01:11:30 Instrument ID: CVOAMS8 Operator ID:

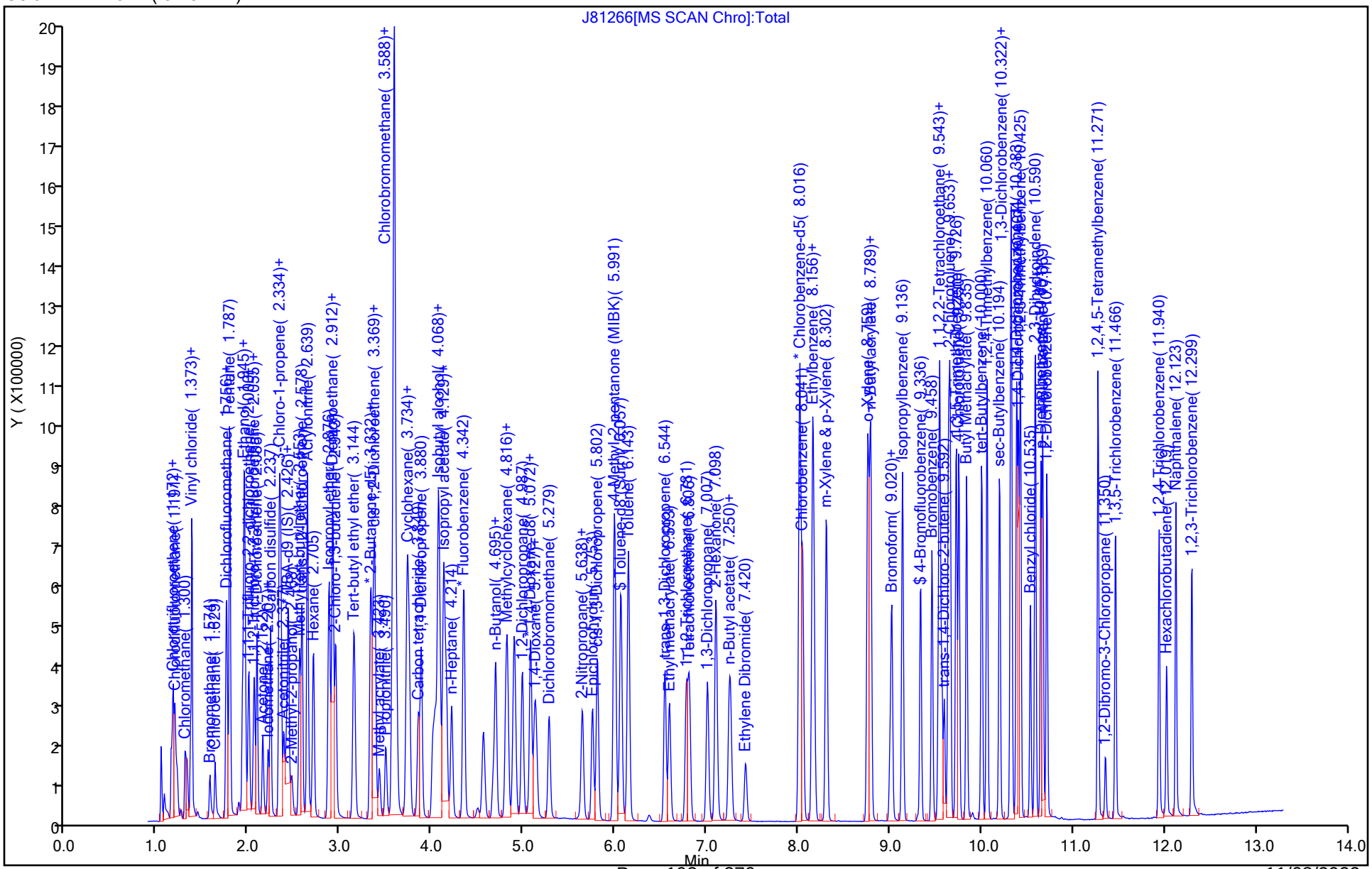
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

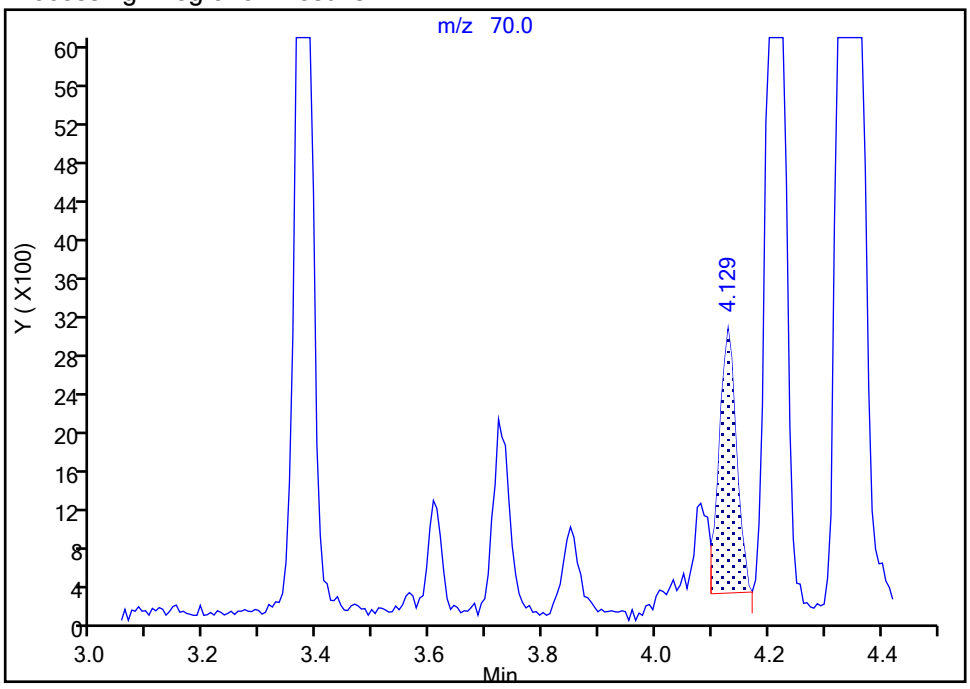
Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81266.D
Injection Date: 13-Oct-2022 01:11:30 Instrument ID: CVOAMS8
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Ethyl acetate, CAS: 141-78-6

Signal: 1

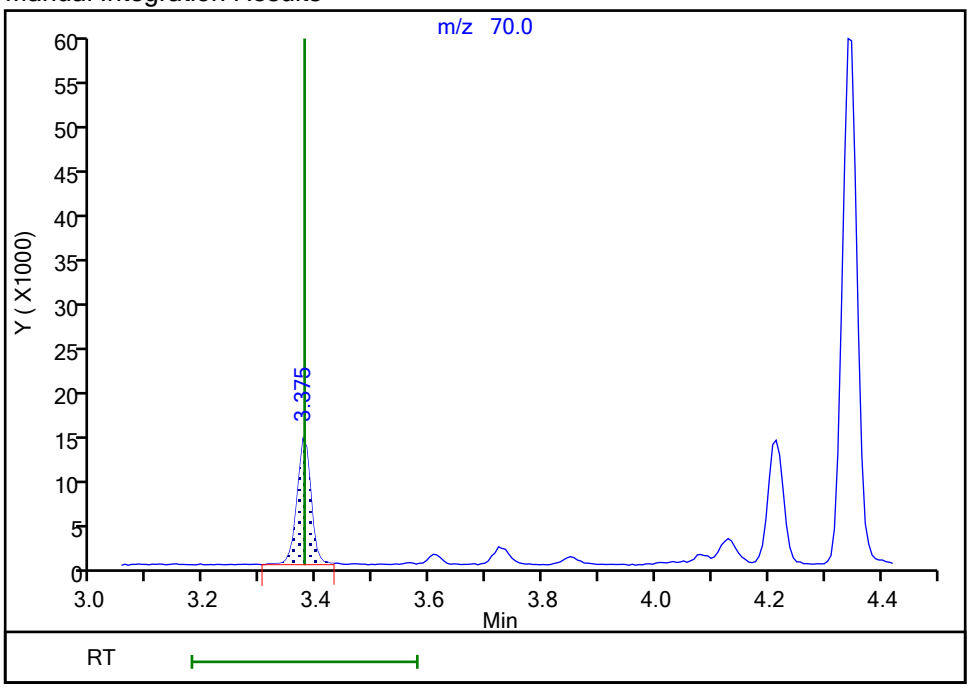
Processing Integration Results

RT: 4.13
Area: 5774
Amount: 59.775367
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 24524
Amount: 96.725978
Amount Units: ug/l



Reviewer: HVW2, 13-Oct-2022 01:32:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81267.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Oct-2022 01:36:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0151655-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:02:46 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 02:08:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.149	1.151	-0.002	96	60043	NC	NC	
4 Dichlorodifluoromethane	85	1.174	1.175	-0.001	100	729408	200.0	210.5	
5 Chlorodifluoromethane	67	1.192	1.193	-0.001	98	122540	NC	NC	
6 Chloromethane	50	1.301	1.303	-0.002	100	1002289	200.0	200.3	
7 Vinyl chloride	62	1.362	1.364	-0.002	99	648672	200.0	195.0	
8 Butadiene	54	1.374	1.376	-0.002	93	627578	200.0	196.4	
9 Bromomethane	94	1.569	1.577	-0.008	98	254644	200.0	207.9	
10 Chloroethane	64	1.630	1.631	-0.001	98	305622	200.0	186.3	
12 Dichlorofluoromethane	67	1.752	1.753	-0.001	98	939358	NC	NC	
11 Trichlorofluoromethane	101	1.758	1.759	-0.001	98	695233	200.0	196.7	
13 Pentane	43	1.788	1.789	-0.001	95	1558853	400.0	378.0	
14 Ethanol	46	1.891	1.887	0.004	97	59052	8000.0	6411.4	
15 Ethyl ether	59	1.928	1.929	-0.001	90	404180	200.0	197.0	
16 2-Methyl-1,3-butadiene	53	1.946	1.948	-0.002	99	486738	200.0	187.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.958	1.960	-0.002	99	317095	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.995	1.996	-0.001	99	651366	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.056	2.057	-0.001	94	405461	200.0	193.9	
19 Acrolein	56	2.062	2.057	0.005	94	72291	200.0	196.5	
21 1,1-Dichloroethene	96	2.086	2.088	-0.002	93	383118	200.0	183.0	
22 Acetone	43	2.153	2.148	0.005	85	846983	1000.0	1015.4	
23 Iodomethane	142	2.208	2.209	-0.001	99	521096	200.0	235.1	
25 Isopropyl alcohol	45	2.214	2.209	0.005	99	206503	2000.0	1943.6	
24 Carbon disulfide	76	2.238	2.234	0.004	100	1494626	200.0	194.3	
26 3-Chloro-1-propene	76	2.329	2.331	-0.002	96	274694	200.0	187.0	
28 Methyl acetate	43	2.336	2.337	-0.001	99	790377	400.0	391.1	
27 Cyclopentene	67	2.348	2.349	-0.001	95	1176516	NC	NC	
29 Acetonitrile	41	2.378	2.380	-0.002	99	509290	2000.0	1879.1	
* 30 TBA-d9 (IS)	65	2.415	2.410	0.005	83	204492	1000.0	1000.0	
31 Methylene Chloride	84	2.433	2.428	0.005	97	485161	200.0	187.4	
32 2-Methyl-2-propanol	59	2.469	2.465	0.004	99	299960	2000.0	1829.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.555	2.556	-0.001	96	1296415	200.0	201.7	
34 trans-1,2-Dichloroethene	96	2.579	2.580	-0.001	97	435927	200.0	183.8	
35 Acrylonitrile	53	2.640	2.635	0.005	93	1797357	2000.0	1837.4	
36 Hexane	57	2.701	2.702	-0.001	93	591478	200.0	200.1	
37 Isopropyl ether	45	2.877	2.872	0.005	97	2003793	200.0	203.9	
38 1,1-Dichloroethane	63	2.907	2.909	-0.002	99	998356	200.0	187.3	
39 Vinyl acetate	43	2.920	2.915	0.005	100	2479096	400.0	397.3	
40 2-Chloro-1,3-butadiene	88	2.950	2.945	0.005	94	411051	NC	NC	
41 Tert-butyl ethyl ether	59	3.145	3.146	-0.001	86	1620524	NC	NC	
* 43 2-Butanone-d5	46	3.327	3.323	0.004	80	314688	250.0	250.0	
42 2,2-Dichloropropane	79	3.333	3.335	-0.002	96	244978	200.0	178.7	
44 cis-1,2-Dichloroethene	96	3.358	3.359	-0.001	90	489556	200.0	187.7	
46 2-Butanone (MEK)	72	3.376	3.377	-0.001	95	241063	1000.0	974.3	
45 Ethyl acetate	70	3.376	3.377	-0.001	96	101093	400.0	391.3	
47 Methyl acrylate	55	3.424	3.426	-0.002	99	450664	NC	NC	
48 Propionitrile	54	3.497	3.493	0.004	97	666574	NC	NC	
50 Chlorobromomethane	128	3.564	3.566	-0.002	94	209701	200.0	181.7	
49 Tetrahydrofuran	72	3.564	3.566	-0.002	75	97840	400.0	396.5	
51 Methacrylonitrile	67	3.589	3.584	0.005	97	1852361	NC	NC	
52 Chloroform	83	3.613	3.608	0.005	97	881586	200.0	189.4	
53 Cyclohexane	84	3.723	3.724	-0.001	97	552748	200.0	190.9	
54 1,1,1-Trichloroethane	97	3.741	3.742	-0.001	98	711163	200.0	193.1	
$ 55 Dibromofluoromethane (Surr)	113	3.753	3.754	-0.001	95	104303	50.0	50.9	
56 Carbon tetrachloride	117	3.850	3.852	-0.002	98	584066	200.0	199.4	
57 1,1-Dichloropropene	75	3.881	3.882	-0.001	92	683826	200.0	193.6	
58 Isobutyl alcohol	43	4.008	4.010	-0.002	96	636249	NC	NC	
59 Isooctane	57	4.033	4.034	-0.001	97	1081951	NC	NC	a
60 Benzene	78	4.069	4.065	0.004	98	1877633	200.0	186.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.088	4.083	0.005	0	145667	50.0	51.7	
62 Isopropyl acetate	43	4.124	4.126	-0.002	97	1518941	200.0	205.6	
63 Tert-amyl methyl ether	55	4.130	4.132	-0.002	92	345268	NC	NC	
64 1,2-Dichloroethane	62	4.161	4.156	0.005	97	750759	200.0	190.2	
65 n-Heptane	57	4.215	4.211	0.004	97	229923	200.0	195.5	
* 66 Fluorobenzene	96	4.343	4.345	-0.002	97	471631	50.0	50.0	
67 n-Butanol	56	4.665	4.667	-0.002	97	196784	5000.0	5087.4	
68 Trichloroethene	95	4.696	4.691	0.005	92	489095	200.0	186.5	
69 Methylcyclohexane	83	4.811	4.813	-0.002	83	595387	200.0	199.9	
70 Ethyl acrylate	55	4.824	4.819	0.005	98	1261596	200.0	199.3	
71 1,2-Dichloropropane	63	4.988	4.983	0.005	89	586171	200.0	187.6	
* 72 1,4-Dioxane-d8	96	5.055	5.056	-0.001	0	27648	1000.0	1000.0	
73 Methyl methacrylate	100	5.079	5.075	0.004	94	191705	400.0	405.7	
74 Dibromomethane	93	5.116	5.117	-0.001	90	322712	200.0	187.4	
75 1,4-Dioxane	88	5.110	5.123	-0.013	41	55365	4000.0	3684.9	
76 n-Propyl acetate	43	5.140	5.135	0.005	99	814239	200.0	206.5	
77 Dichlorobromomethane	83	5.280	5.275	0.005	98	694794	200.0	198.5	
78 2-Nitropropane	41	5.633	5.634	-0.001	97	312691	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.645	5.640	0.005	95	363490	200.5	209.6	
80 Epichlorohydrin	57	5.754	5.750	0.004	98	987405	4000.0	3905.3	
81 cis-1,3-Dichloropropene	75	5.803	5.805	-0.002	99	966856	200.0	203.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.992	5.993	-0.001	98	2926389	1000.0	980.6	
$ 83 Toluene-d8 (Surr)	98	6.059	6.060	-0.001	97	409084	50.0	52.8	
84 Toluene	91	6.144	6.145	-0.001	92	2046949	200.0	194.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.545	6.541	0.004	98	887130	200.0	209.7	
86 Ethyl methacrylate	69	6.594	6.589	0.005	96	653414	NC	NC	
87 1,1,2-Trichloroethane	83	6.776	6.778	-0.002	94	446967	200.0	200.7	
88 Tetrachloroethene	166	6.813	6.808	0.005	94	433721	200.0	197.1	
89 1,3-Dichloropropane	76	7.008	7.009	-0.001	97	830225	200.0	201.7	
90 2-Hexanone	58	7.099	7.100	-0.001	99	970278	1000.0	995.4	
91 n-Butyl acetate	43	7.245	7.246	-0.001	96	987937	200.0	202.9	
92 Chlorodibromomethane	129	7.263	7.259	0.004	96	510623	200.0	217.3	
93 Ethylene Dibromide	107	7.427	7.423	0.004	98	475919	200.0	198.5	
* 94 Chlorobenzene-d5	117	8.011	8.013	-0.002	90	362022	50.0	50.0	
95 Chlorobenzene	112	8.048	8.049	-0.001	89	1229142	200.0	193.0	
96 Ethylbenzene	106	8.157	8.153	0.004	99	657252	200.0	197.2	
97 1,1,1,2-Tetrachloroethane	131	8.170	8.165	0.005	94	454722	200.0	209.8	
98 m-Xylene & p-Xylene	106	8.309	8.305	0.004	0	781707	200.0	188.5	
99 o-Xylene	106	8.760	8.755	0.005	92	804180	200.0	192.8	
100 n-Butyl acrylate	73	8.778	8.773	0.005	95	421915	200.0	200.2	
101 Styrene	104	8.790	8.792	-0.002	91	1400273	200.0	195.9	
103 Bromoform	173	9.003	9.004	-0.001	93	337489	200.0	229.5	
102 Amyl acetate (mixed isomers)	43	9.021	9.017	0.004	86	1152166	200.0	196.4	
104 Isopropylbenzene	105	9.137	9.138	-0.001	98	1954403	200.0	192.6	
$ 105 4-Bromofluorobenzene	174	9.338	9.333	0.005	86	129852	50.0	50.5	
106 Bromobenzene	156	9.459	9.461	-0.002	93	547850	200.0	191.8	
107 1,1,2,2-Tetrachloroethane	83	9.532	9.528	0.004	99	672005	200.0	199.2	
108 N-Propylbenzene	91	9.544	9.546	-0.002	98	2542113	200.0	189.9	
109 1,2,3-Trichloropropane	110	9.569	9.564	0.005	96	144668	200.0	194.6	
110 trans-1,4-Dichloro-2-butene	53	9.593	9.595	-0.002	89	217776	NC	NC	
111 2-Chlorotoluene	91	9.642	9.637	0.005	97	1837011	200.0	192.1	
112 4-Ethyltoluene	105	9.660	9.655	0.005	98	2084043	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.727	9.722	0.005	91	1752352	200.0	196.4	
114 4-Chlorotoluene	91	9.751	9.753	-0.002	99	1814584	200.0	196.5	
115 Butyl Methacrylate	87	9.836	9.838	-0.002	97	713743	200.0	205.8	
116 tert-Butylbenzene	119	10.001	10.002	-0.001	89	1293495	200.0	191.6	
117 1,2,4-Trimethylbenzene	105	10.062	10.063	-0.001	99	1860268	200.0	197.2	
118 sec-Butylbenzene	105	10.195	10.197	-0.002	98	1929650	200.0	189.8	
120 1,3-Dichlorobenzene	146	10.317	10.319	-0.002	92	1010832	200.0	197.1	
119 4-Isopropyltoluene	119	10.329	10.325	0.004	98	1664901	200.0	197.3	
* 121 1,4-Dichlorobenzene-d4	152	10.384	10.385	-0.001	97	203202	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.402	10.404	-0.002	91	1050024	200.0	195.6	
123 1,2,3-Trimethylbenzene	105	10.427	10.428	-0.001	99	1969152	200.0	196.9	
124 Benzyl chloride	91	10.536	10.531	0.005	97	1245583	200.0	229.0	
125 2,3-Dihydroindene	117	10.591	10.586	0.005	94	1870855	NC	NC	
126 p-Diethylbenzene	119	10.652	10.647	0.005	90	905043	NC	NC	
127 n-Butylbenzene	92	10.670	10.671	-0.001	98	928253	200.0	195.9	
128 1,2-Dichlorobenzene	146	10.712	10.714	-0.002	93	1009974	200.0	198.2	
129 1,2,4,5-Tetramethylbenzene	119	11.272	11.274	-0.002	96	1781918	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.357	11.353	0.004	93	114907	200.0	215.8	
131 1,3,5-Trichlorobenzene	180	11.467	11.462	0.005	96	712844	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.941	11.937	0.004	94	661790	200.0	199.8	
133 Hexachlorobutadiene	225	12.020	12.022	-0.002	93	220516	200.0	192.9	
134 Naphthalene	128	12.124	12.125	-0.001	98	1694112	200.0	198.1	
135 1,2,3-Trichlorobenzene	180	12.300	12.296	0.004	95	613422	200.0	201.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	371.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	381.3	
S 138 Total BTEX	1				0		1000.0	958.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added:	20.00	Units: uL	
Ethanol mix_00069	Amount Added:	20.00	Units: uL	
MIX I Hi_00155	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00128	Amount Added:	20.00	Units: uL	
8FreonHi_00049	Amount Added:	20.00	Units: uL	
GAS Hi_00426	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:02:50 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81267.D

Injection Date: 13-Oct-2022 01:36:30 Instrument ID: CVOAMS8 Operator ID:

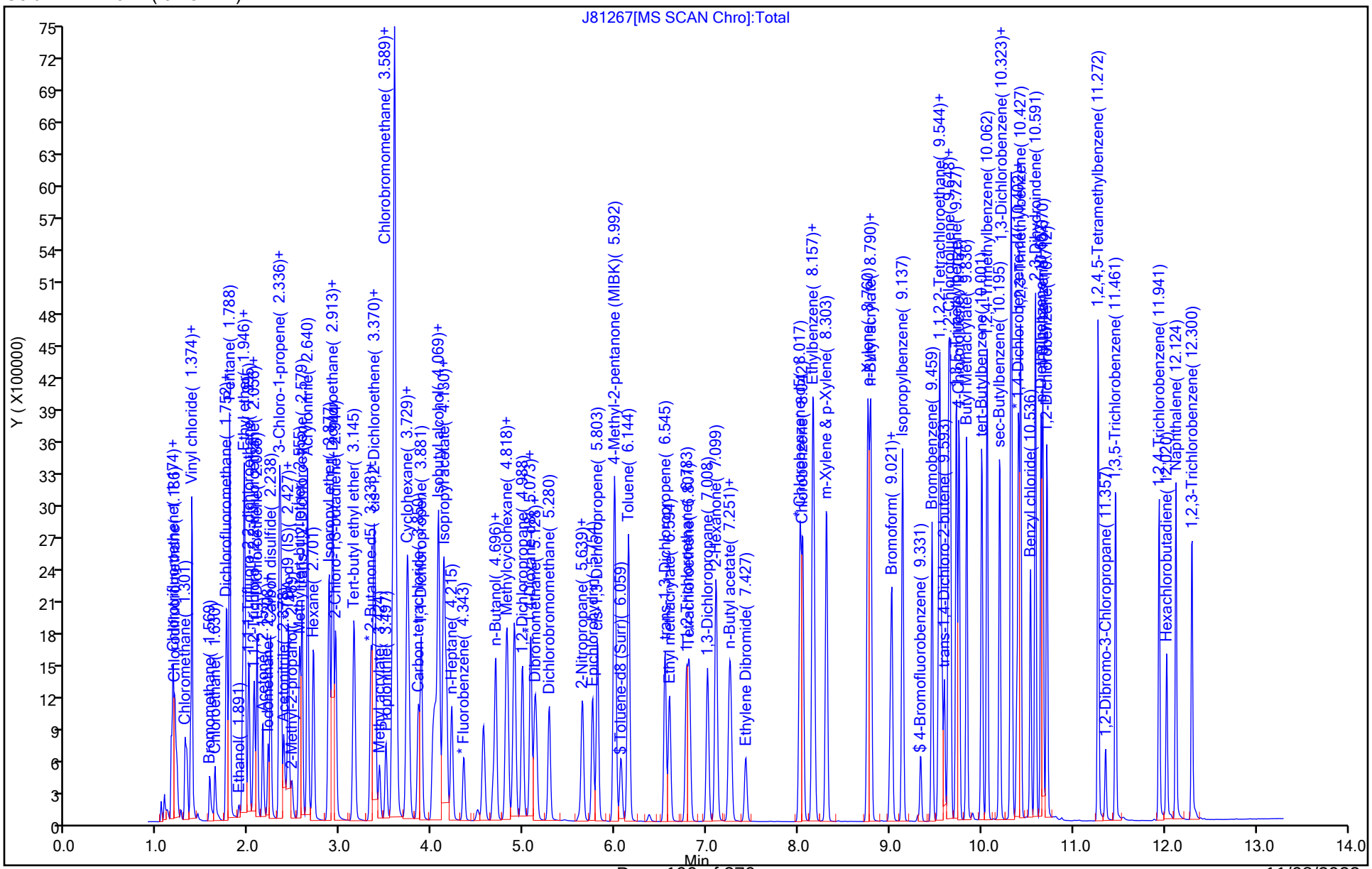
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Oct-2022 02:01:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0151655-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:03:03 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 02:21:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.149	1.151	-0.002	96	154736	NC	NC	
4 Dichlorodifluoromethane	85	1.174	1.175	-0.001	100	1850513	500.0	510.5	
5 Chlorodifluoromethane	67	1.192	1.193	-0.001	98	301846	NC	NC	
6 Chloromethane	50	1.301	1.303	-0.002	99	2552636	500.0	487.8	
7 Vinyl chloride	62	1.362	1.364	-0.002	99	1591757	500.0	457.4	
8 Butadiene	54	1.380	1.376	0.004	93	1468363	500.0	439.4	
9 Bromomethane	94	1.569	1.577	-0.008	98	694129	500.0	541.8	
10 Chloroethane	64	1.630	1.631	-0.001	98	747795	500.0	435.8	
12 Dichlorofluoromethane	67	1.751	1.753	-0.002	98	2272429	NC	NC	
11 Trichlorofluoromethane	101	1.764	1.759	0.005	98	1695311	500.0	458.6	
13 Pentane	43	1.788	1.789	-0.001	94	3417145	1000.0	792.3	
14 Ethanol	46	1.891	1.887	0.004	97	167008	20000	17900	
15 Ethyl ether	59	1.928	1.929	-0.001	91	923063	500.0	430.1	
16 2-Methyl-1,3-butadiene	53	1.946	1.948	-0.002	97	1136977	500.0	419.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.958	1.960	-0.002	97	812615	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.001	1.996	0.005	98	1641332	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.056	2.057	-0.001	95	975662	500.0	446.2	
19 Acrolein	56	2.062	2.057	0.005	94	141694	400.0	380.3	
21 1,1-Dichloroethene	96	2.092	2.088	0.004	94	934657	500.0	426.9	
22 Acetone	43	2.153	2.148	0.005	85	1990820	2500.0	2422.9	
23 Iodomethane	142	2.208	2.209	-0.001	99	1268801	500.0	547.0	
25 Isopropyl alcohol	45	2.214	2.209	0.005	99	581800	5000.0	5405.7	
24 Carbon disulfide	76	2.238	2.234	0.004	100	3557940	500.0	442.2	
26 3-Chloro-1-propene	76	2.329	2.331	-0.002	95	617231	500.0	401.8	
28 Methyl acetate	43	2.335	2.337	-0.002	99	1830598	1000.0	866.0	
27 Cyclopentene	67	2.348	2.349	-0.001	94	2739738	NC	NC	
29 Acetonitrile	41	2.384	2.380	0.004	98	1564806	5000.0	5699.3	
* 30 TBA-d9 (IS)	65	2.415	2.410	0.005	77	207151	1000.0	1000.0	
31 Methylene Chloride	84	2.433	2.428	0.005	97	1182036	500.0	436.6	
32 2-Methyl-2-propanol	59	2.469	2.465	0.004	99	836237	5000.0	5035.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.554	2.556	-0.002	96	3098875	500.0	460.9	
34 trans-1,2-Dichloroethene	96	2.585	2.580	0.005	98	1056563	500.0	425.9	
35 Acrylonitrile	53	2.640	2.635	0.005	92	3980971	5000.0	4017.4	
36 Hexane	57	2.707	2.702	0.005	93	1367564	500.0	442.4	
37 Isopropyl ether	45	2.877	2.872	0.005	98	4614135	500.0	449.0	
38 1,1-Dichloroethane	63	2.913	2.909	0.004	100	2299176	500.0	412.5	
39 Vinyl acetate	43	2.919	2.915	0.004	100	5169943	1000.0	792.2	
40 2-Chloro-1,3-butadiene	88	2.950	2.945	0.005	95	997514	NC	NC	
41 Tert-butyl ethyl ether	59	3.145	3.146	-0.001	87	3970271	NC	NC	
* 43 2-Butanone-d5	46	3.327	3.323	0.004	81	309968	250.0	250.0	
42 2,2-Dichloropropane	79	3.333	3.335	-0.002	96	601291	500.0	419.4	
44 cis-1,2-Dichloroethene	96	3.364	3.359	0.005	90	1197715	500.0	439.2	
46 2-Butanone (MEK)	72	3.376	3.377	-0.001	95	579102	2500.0	2376.2	
45 Ethyl acetate	70	3.376	3.377	-0.001	95	253434	1000.0	996.0	
47 Methyl acrylate	55	3.424	3.426	-0.002	99	1137120	NC	NC	
48 Propionitrile	54	3.497	3.493	0.004	97	1657072	NC	NC	
50 Chlorobromomethane	128	3.570	3.566	0.004	94	513653	500.0	425.6	
49 Tetrahydrofuran	72	3.570	3.566	0.004	57	229080	1000.0	942.4	
51 Methacrylonitrile	67	3.595	3.584	0.011	94	3772707	NC	NC	
52 Chloroform	83	3.619	3.608	0.011	97	2028735	500.0	416.7	
53 Cyclohexane	84	3.729	3.724	0.005	97	1328328	500.0	438.5	
54 1,1,1-Trichloroethane	97	3.741	3.742	-0.001	97	1733938	500.0	450.2	
$ 55 Dibromofluoromethane (Surr)	113	3.759	3.754	0.005	95	107724	50.0	50.2	
56 Carbon tetrachloride	117	3.850	3.852	-0.002	97	1484179	500.0	484.4	
57 1,1-Dichloropropene	75	3.881	3.882	-0.001	92	1715702	500.0	464.4	
58 Isobutyl alcohol	43	4.014	4.010	0.004	96	1645803	NC	NC	
59 Isooctane	57	4.039	4.034	0.005	98	2672147	NC	NC	a
60 Benzene	78	4.069	4.065	0.004	98	4554246	500.0	421.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.088	4.083	0.005	0	151860	50.0	51.5	
62 Isopropyl acetate	43	4.130	4.126	0.004	95	3686419	500.0	477.0	
63 Tert-amyl methyl ether	55	4.130	4.132	-0.002	91	874782	NC	NC	
64 1,2-Dichloroethane	62	4.161	4.156	0.004	97	1855837	500.0	449.6	
65 n-Heptane	57	4.215	4.211	0.004	97	548849	500.0	446.1	
* 66 Fluorobenzene	96	4.349	4.345	0.004	97	493259	50.0	50.0	
67 n-Butanol	56	4.672	4.667	0.005	96	578875	12500	14774	
68 Trichloroethene	95	4.696	4.691	0.005	92	1231962	500.0	449.1	
69 Methylcyclohexane	83	4.811	4.813	-0.002	86	1432134	500.0	459.9	
70 Ethyl acrylate	55	4.824	4.819	0.005	98	3038171	500.0	459.0	
71 1,2-Dichloropropane	63	4.988	4.983	0.005	88	1435525	500.0	439.2	
* 72 1,4-Dioxane-d8	96	5.061	5.056	0.005	0	32068	1000.0	1000.0	
73 Methyl methacrylate	100	5.079	5.075	0.004	94	479117	1000.0	969.6	
74 Dibromomethane	93	5.122	5.117	0.005	94	809742	500.0	449.6	
75 1,4-Dioxane	88	5.116	5.123	-0.007	92	174106	10000	9990.6	
76 n-Propyl acetate	43	5.140	5.135	0.005	99	2037619	500.0	494.1	
77 Dichlorobromomethane	83	5.280	5.275	0.005	98	1804834	500.0	493.0	
78 2-Nitropropane	41	5.639	5.634	0.005	98	809328	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.645	5.640	0.005	96	911082	501.2	502.3	
80 Epichlorohydrin	57	5.754	5.750	0.004	98	2438316	10000	9790.6	
81 cis-1,3-Dichloropropene	75	5.809	5.805	0.004	99	2450122	500.0	481.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.998	5.993	0.005	98	6818163	2500.0	2319.5	
$ 83 Toluene-d8 (Surr)	98	6.065	6.060	0.005	97	425746	50.0	51.4	
84 Toluene	91	6.150	6.145	0.005	92	5050245	500.0	447.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.545	6.541	0.004	98	2274666	500.0	502.4	
86 Ethyl methacrylate	69	6.594	6.589	0.005	95	1630848	NC	NC	
87 1,1,2-Trichloroethane	83	6.782	6.778	0.004	95	1134865	500.0	476.3	
88 Tetrachloroethene	166	6.813	6.808	0.005	93	1102554	500.0	468.1	
89 1,3-Dichloropropane	76	7.008	7.009	-0.001	97	2040410	500.0	463.3	
90 2-Hexanone	58	7.105	7.100	0.005	99	2320160	2500.0	2416.5	
91 n-Butyl acetate	43	7.245	7.246	-0.001	96	2396191	500.0	459.9	
92 Chlorodibromomethane	129	7.263	7.259	0.004	97	1331880	500.0	529.7	
93 Ethylene Dibromide	107	7.427	7.423	0.004	98	1215875	500.0	473.9	
* 94 Chlorobenzene-d5	117	8.011	8.013	-0.002	93	387427	50.0	50.0	
95 Chlorobenzene	112	8.048	8.049	-0.001	91	3113658	500.0	456.9	
96 Ethylbenzene	106	8.163	8.153	0.010	99	1656518	500.0	464.5	
97 1,1,1,2-Tetrachloroethane	131	8.176	8.165	0.011	94	1185206	500.0	511.0	
98 m-Xylene & p-Xylene	106	8.309	8.305	0.004	0	2007832	500.0	452.3	
99 o-Xylene	106	8.760	8.755	0.005	92	2020993	500.0	452.8	
100 n-Butyl acrylate	73	8.778	8.773	0.005	95	1086316	500.0	481.7	
101 Styrene	104	8.796	8.792	0.004	90	3488106	500.0	456.0	
103 Bromoform	173	9.003	9.004	-0.001	93	921147	500.0	585.4	
102 Amyl acetate (mixed isomers)	43	9.021	9.017	0.004	87	2911135	500.0	440.0	
104 Isopropylbenzene	105	9.143	9.138	0.005	99	4865564	500.0	448.1	
$ 105 4-Bromofluorobenzene	174	9.338	9.333	0.005	85	146141	50.0	53.1	
106 Bromobenzene	156	9.465	9.461	0.004	96	1422418	500.0	441.6	
107 1,1,2,2-Tetrachloroethane	83	9.532	9.528	0.004	98	1730998	500.0	455.0	
108 N-Propylbenzene	91	9.550	9.546	0.004	98	6123342	500.0	405.5	
109 1,2,3-Trichloropropane	110	9.569	9.564	0.005	95	376478	500.0	449.0	
110 trans-1,4-Dichloro-2-butene	53	9.599	9.595	0.004	91	575198	NC	NC	
111 2-Chlorotoluene	91	9.642	9.637	0.005	98	4669756	500.0	433.0	
112 4-Ethyltoluene	105	9.660	9.655	0.005	97	5160696	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.727	9.722	0.005	91	4376970	500.0	435.1	
114 4-Chlorotoluene	91	9.757	9.753	0.004	99	4457934	500.0	428.1	
115 Butyl Methacrylate	87	9.842	9.838	0.004	97	1857726	500.0	474.8	
116 tert-Butylbenzene	119	10.007	10.002	0.005	88	3262653	500.0	428.5	
117 1,2,4-Trimethylbenzene	105	10.061	10.063	-0.002	99	4639682	500.0	436.0	
118 sec-Butylbenzene	105	10.201	10.197	0.004	97	4833209	500.0	421.6	
120 1,3-Dichlorobenzene	146	10.323	10.319	0.004	93	2557865	500.0	442.1	
119 4-Isopropyltoluene	119	10.329	10.325	0.004	95	4071140	500.0	427.8	
* 121 1,4-Dichlorobenzene-d4	152	10.390	10.385	0.005	96	229171	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.408	10.404	0.004	91	2689129	500.0	444.2	
123 1,2,3-Trimethylbenzene	105	10.433	10.428	0.005	99	4957957	500.0	439.5	
124 Benzyl chloride	91	10.536	10.531	0.005	97	3276591	500.0	534.0	
125 2,3-Dihydroindene	117	10.591	10.586	0.005	93	4594909	NC	NC	
126 p-Diethylbenzene	119	10.652	10.647	0.005	90	2270467	NC	NC	
127 n-Butylbenzene	92	10.670	10.671	-0.001	98	2293278	500.0	429.2	
128 1,2-Dichlorobenzene	146	10.718	10.714	0.004	92	2589395	500.0	450.5	
129 1,2,4,5-Tetramethylbenzene	119	11.278	11.274	0.004	96	4269660	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.357	11.353	0.004	92	309301	500.0	515.1	
131 1,3,5-Trichlorobenzene	180	11.467	11.462	0.005	96	1797522	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.941	11.937	0.004	94	1688922	500.0	452.2	
133 Hexachlorobutadiene	225	12.026	12.022	0.004	94	601278	500.0	466.5	
134 Naphthalene	128	12.124	12.125	-0.001	97	4325742	500.0	448.5	
135 1,2,3-Trichlorobenzene	180	12.300	12.296	0.004	95	1598850	500.0	465.2	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	865.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	905.1	
S 138 Total BTEX	1				0		2500.0	2239.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

GAS Hi_00426	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_00049	Amount Added:	50.00	Units: uL	
Ethanol mix_00069	Amount Added:	50.00	Units: uL	
ACROLEIN W_00145	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:03:06 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Injection Date: 13-Oct-2022 02:01:30 Instrument ID: CVOAMS8 Operator ID:

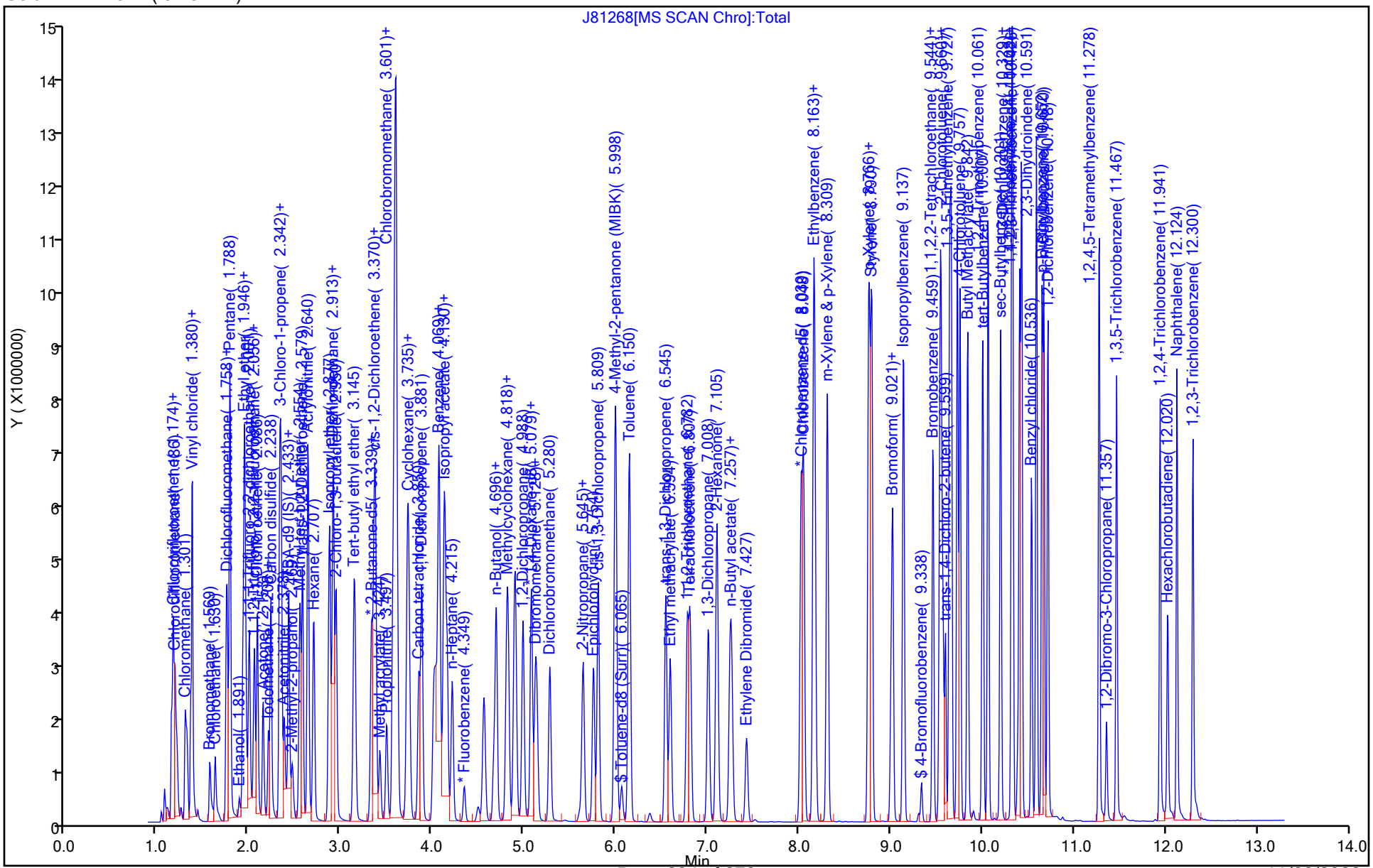
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

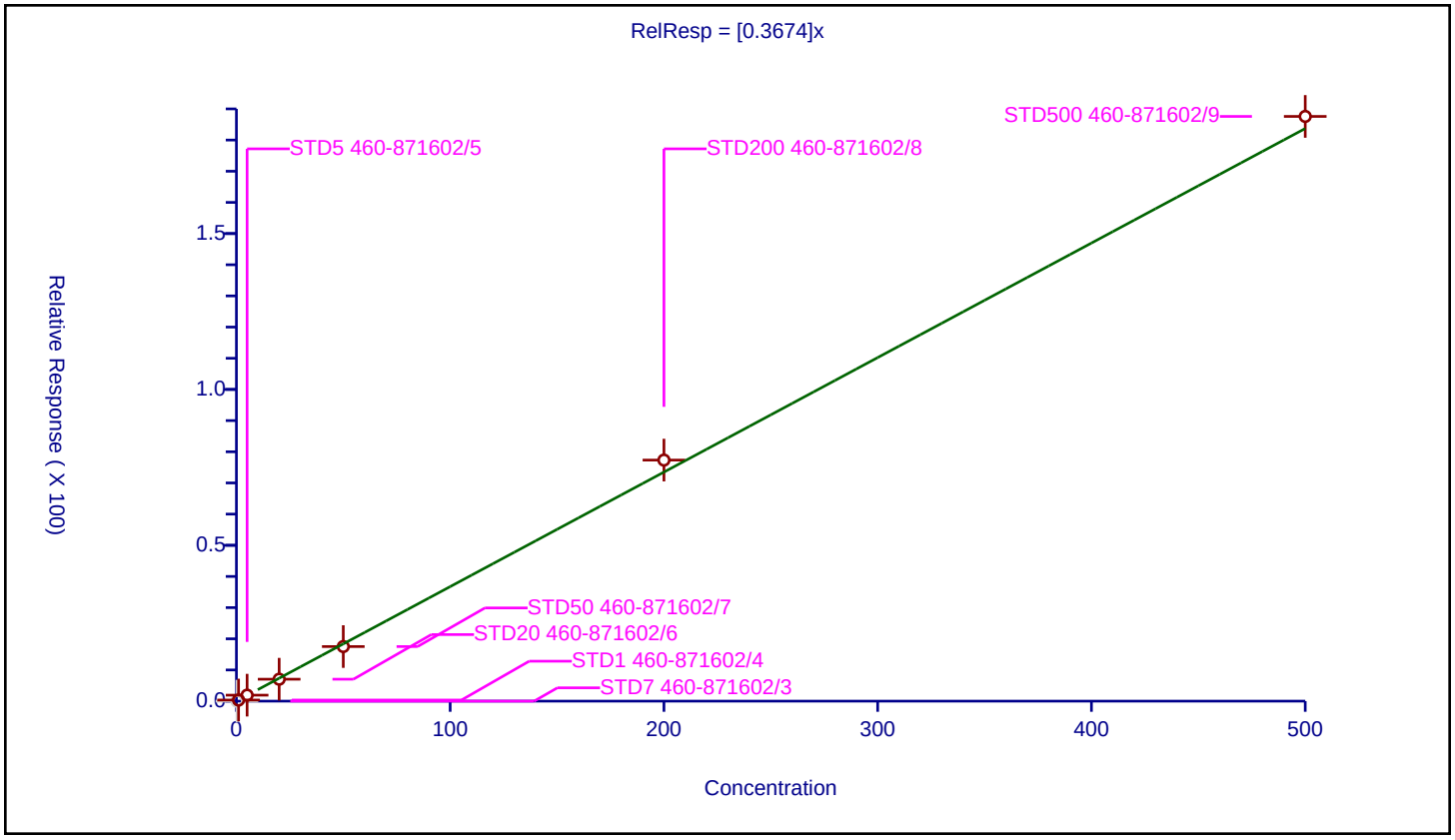
Curve Coefficients

Intercept:	0
Slope:	0.3674

Error Coefficients

Standard Error:	893000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.356833	50.0	439281.0	0.356833	Y
3	STD5 460-871602/5	5.0	1.919484	50.0	453872.0	0.383897	Y
4	STD20 460-871602/6	20.0	7.033844	50.0	460431.0	0.351692	Y
5	STD50 460-871602/7	50.0	17.512513	50.0	468525.0	0.35025	Y
6	STD200 460-871602/8	200.0	77.32825	50.0	471631.0	0.386641	Y
7	STD500 460-871602/9	500.0	187.580257	50.0	493259.0	0.375161	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

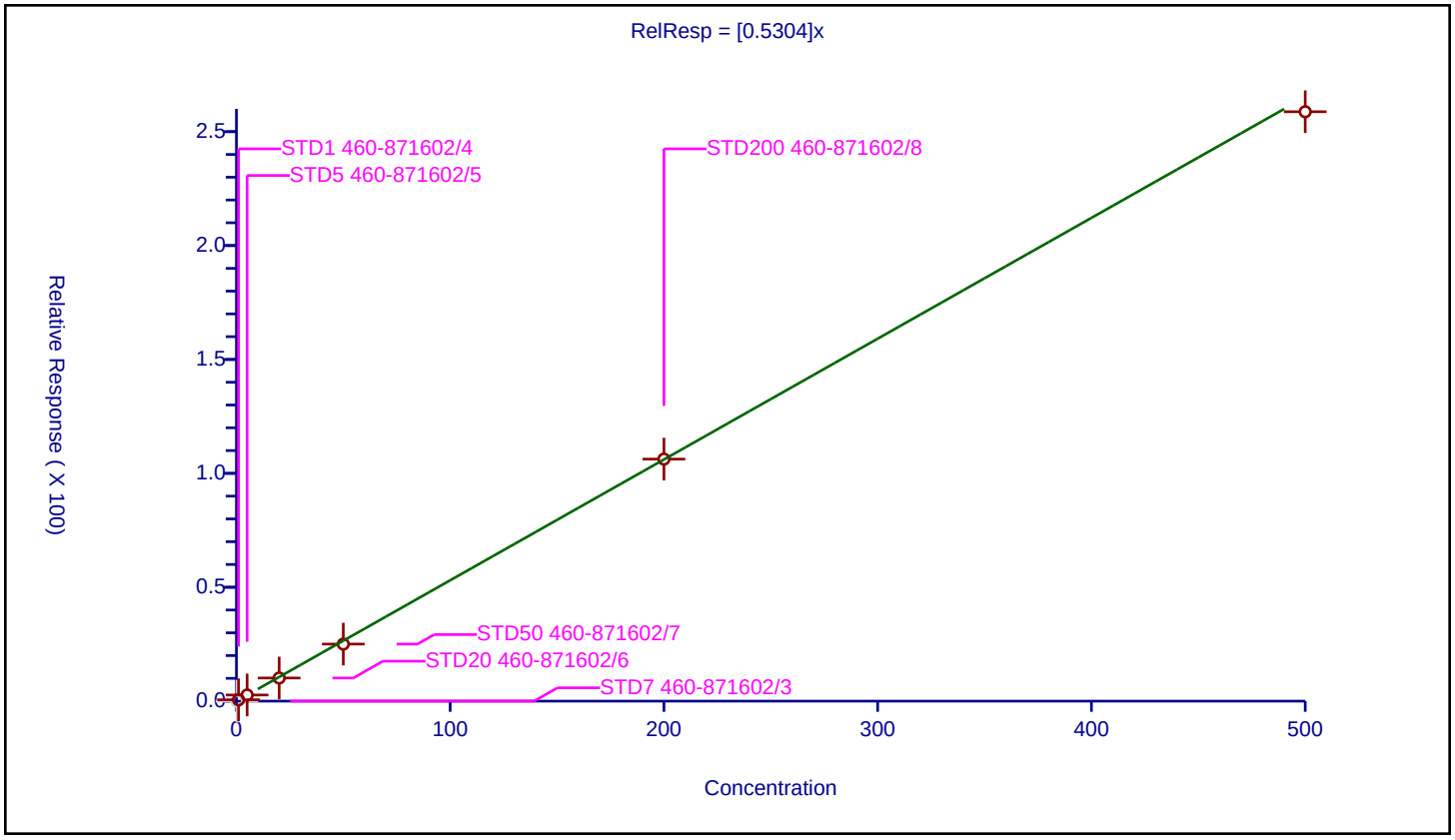
Curve Coefficients

Intercept:	0
Slope:	0.5304

Error Coefficients

Standard Error:	1230000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.585047	50.0	439281.0	0.585047	Y
3	STD5 460-871602/5	5.0	2.698889	50.0	453872.0	0.539778	Y
4	STD20 460-871602/6	20.0	10.157114	50.0	460431.0	0.507856	Y
5	STD50 460-871602/7	50.0	25.047863	50.0	468525.0	0.500957	Y
6	STD200 460-871602/8	200.0	106.257752	50.0	471631.0	0.531289	Y
7	STD500 460-871602/9	500.0	258.752096	50.0	493259.0	0.517504	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

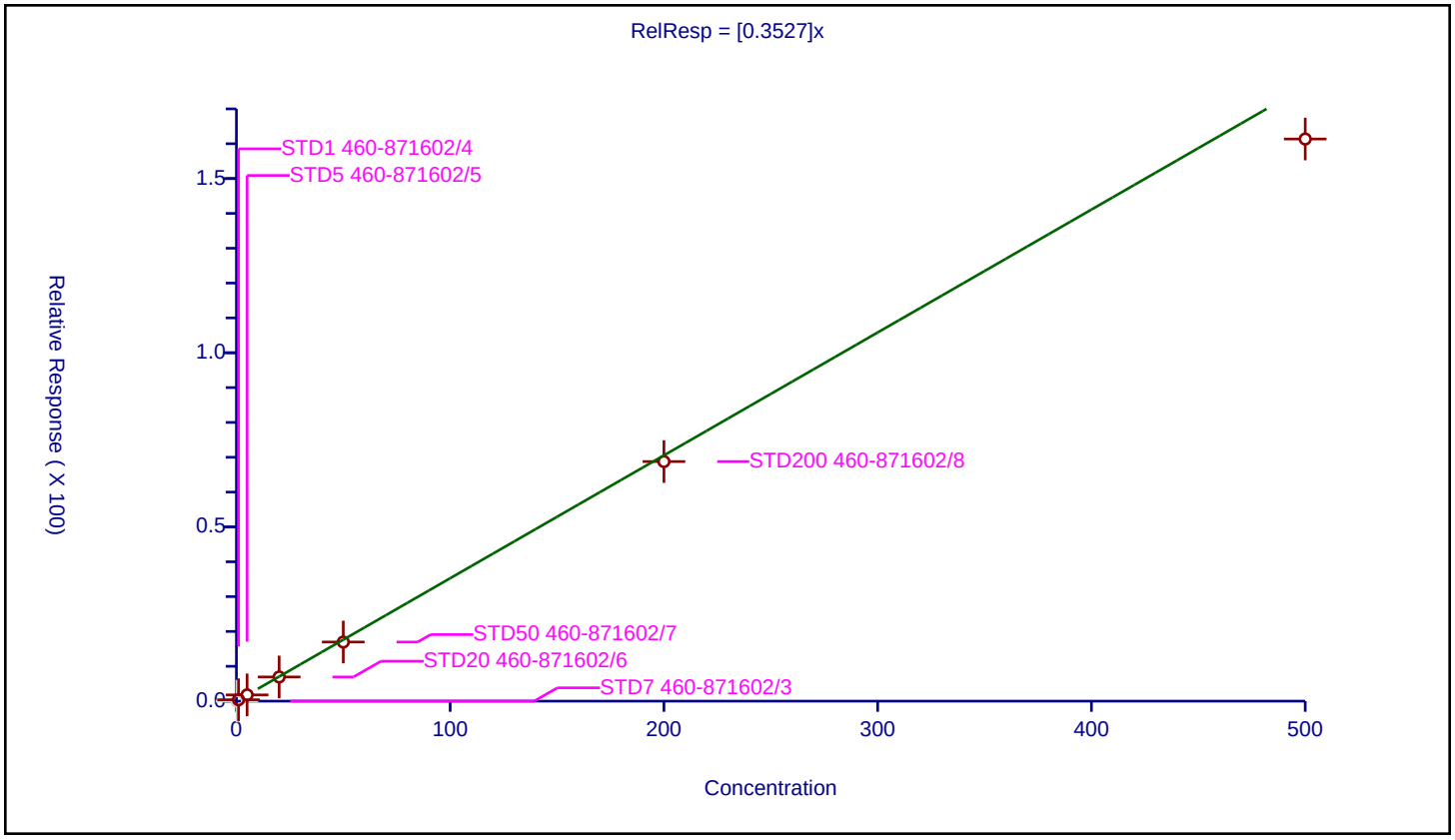
Curve Coefficients

Intercept:	0
Slope:	0.3527

Error Coefficients

Standard Error:	772000
Relative Standard Error:	7.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.404525	50.0	439281.0	0.404525	Y
3	STD5 460-871602/5	5.0	1.795881	50.0	453872.0	0.359176	Y
4	STD20 460-871602/6	20.0	6.936979	50.0	460431.0	0.346849	Y
5	STD50 460-871602/7	50.0	16.969745	50.0	468525.0	0.339395	Y
6	STD200 460-871602/8	200.0	68.769016	50.0	471631.0	0.343845	Y
7	STD500 460-871602/9	500.0	161.351035	50.0	493259.0	0.322702	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

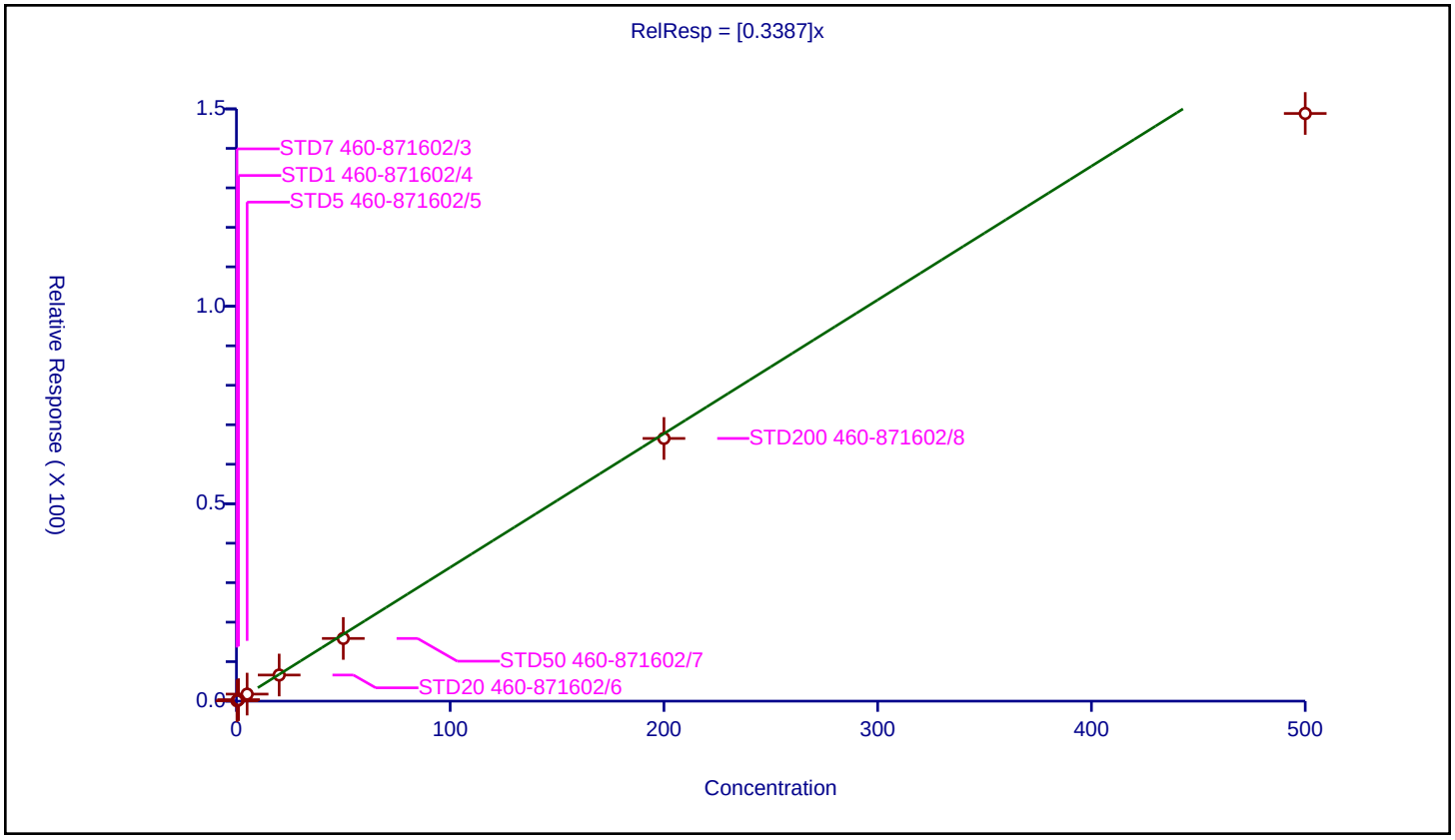
Curve Coefficients

Intercept:	0
Slope:	0.3387

Error Coefficients

Standard Error:	655000
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	STD7 460-871602/3	0.25	0.090491	50.0	447005.0	0.361965	Y
2	STD1 460-871602/4	1.0	0.374476	50.0	439281.0	0.374476	Y
3	STD5 460-871602/5	5.0	1.781119	50.0	453872.0	0.356224	Y
4	STD20 460-871602/6	20.0	6.611957	50.0	460431.0	0.330598	Y
5	STD50 460-871602/7	50.0	15.876741	50.0	468525.0	0.317535	Y
6	STD200 460-871602/8	200.0	66.532734	50.0	471631.0	0.332664	Y
7	STD500 460-871602/9	500.0	148.843001	50.0	493259.0	0.297686	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

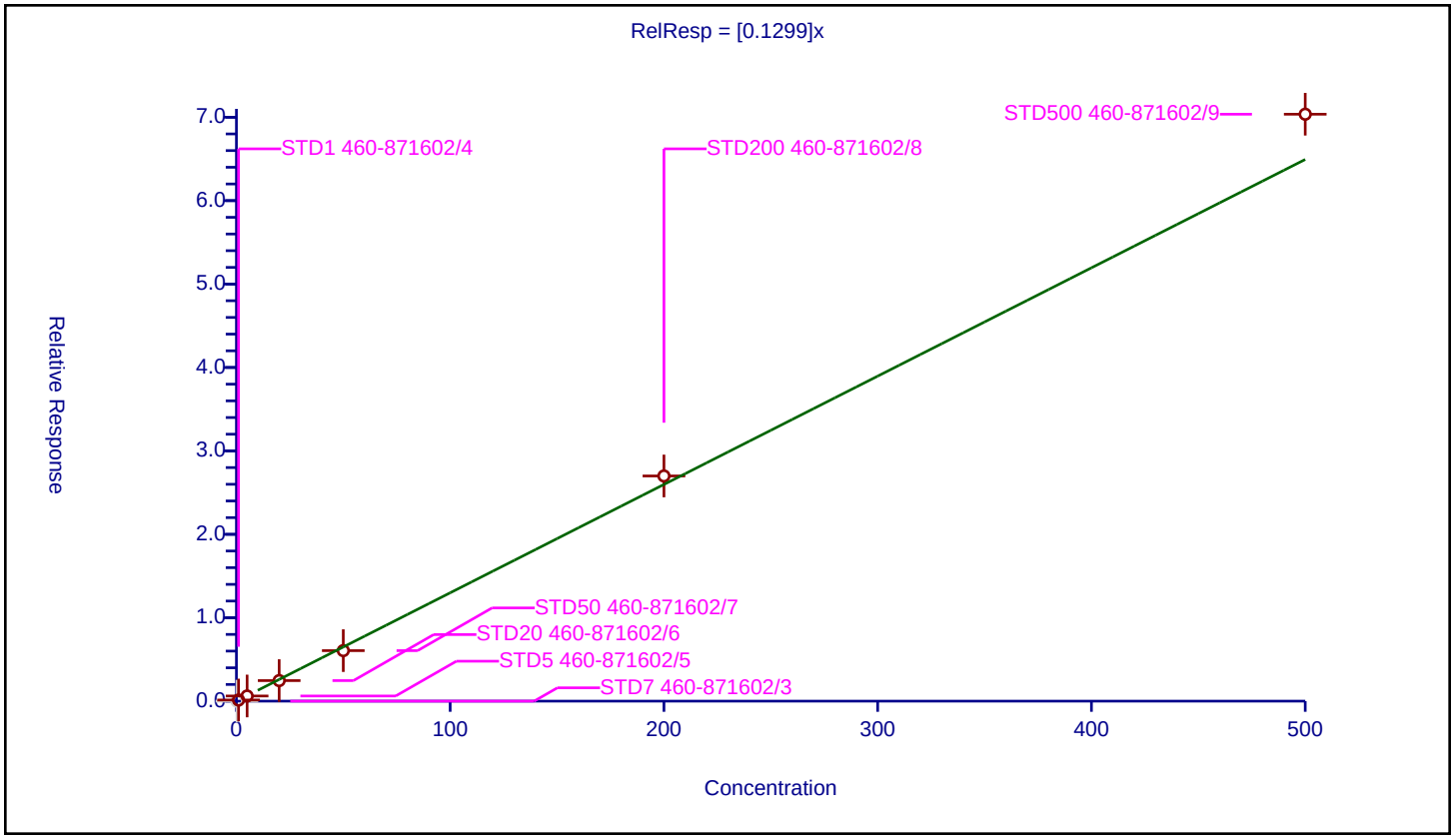
Curve Coefficients

Intercept:	0
Slope:	0.1299

Error Coefficients

Standard Error:	332000
Relative Standard Error:	6.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.135676	50.0	439281.0	0.135676	Y
3	STD5 460-871602/5	5.0	0.618236	50.0	453872.0	0.123647	Y
4	STD20 460-871602/6	20.0	2.461824	50.0	460431.0	0.123091	Y
5	STD50 460-871602/7	50.0	6.056027	50.0	468525.0	0.121121	Y
6	STD200 460-871602/8	200.0	26.996105	50.0	471631.0	0.134981	Y
7	STD500 460-871602/9	500.0	70.361514	50.0	493259.0	0.140723	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

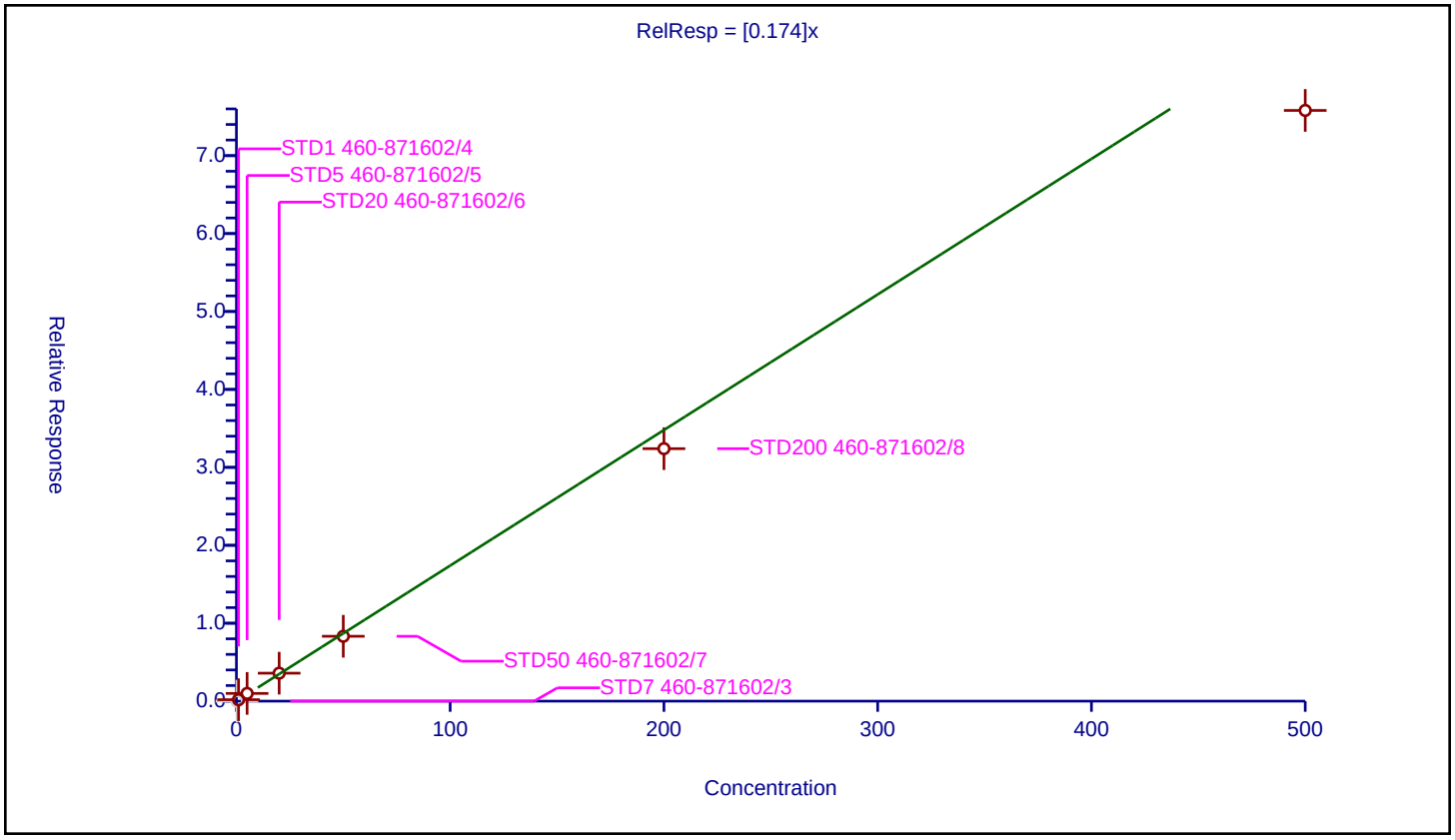
Curve Coefficients

Intercept:	0
Slope:	0.174

Error Coefficients

Standard Error:	363000
Relative Standard Error:	9.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.186213	50.0	439281.0	0.186213	Y
3	STD5 460-871602/5	5.0	0.990147	50.0	453872.0	0.198029	Y
4	STD20 460-871602/6	20.0	3.587617	50.0	460431.0	0.179381	Y
5	STD50 460-871602/7	50.0	8.325063	50.0	468525.0	0.166501	Y
6	STD200 460-871602/8	200.0	32.400542	50.0	471631.0	0.162003	Y
7	STD500 460-871602/9	500.0	75.801455	50.0	493259.0	0.151603	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

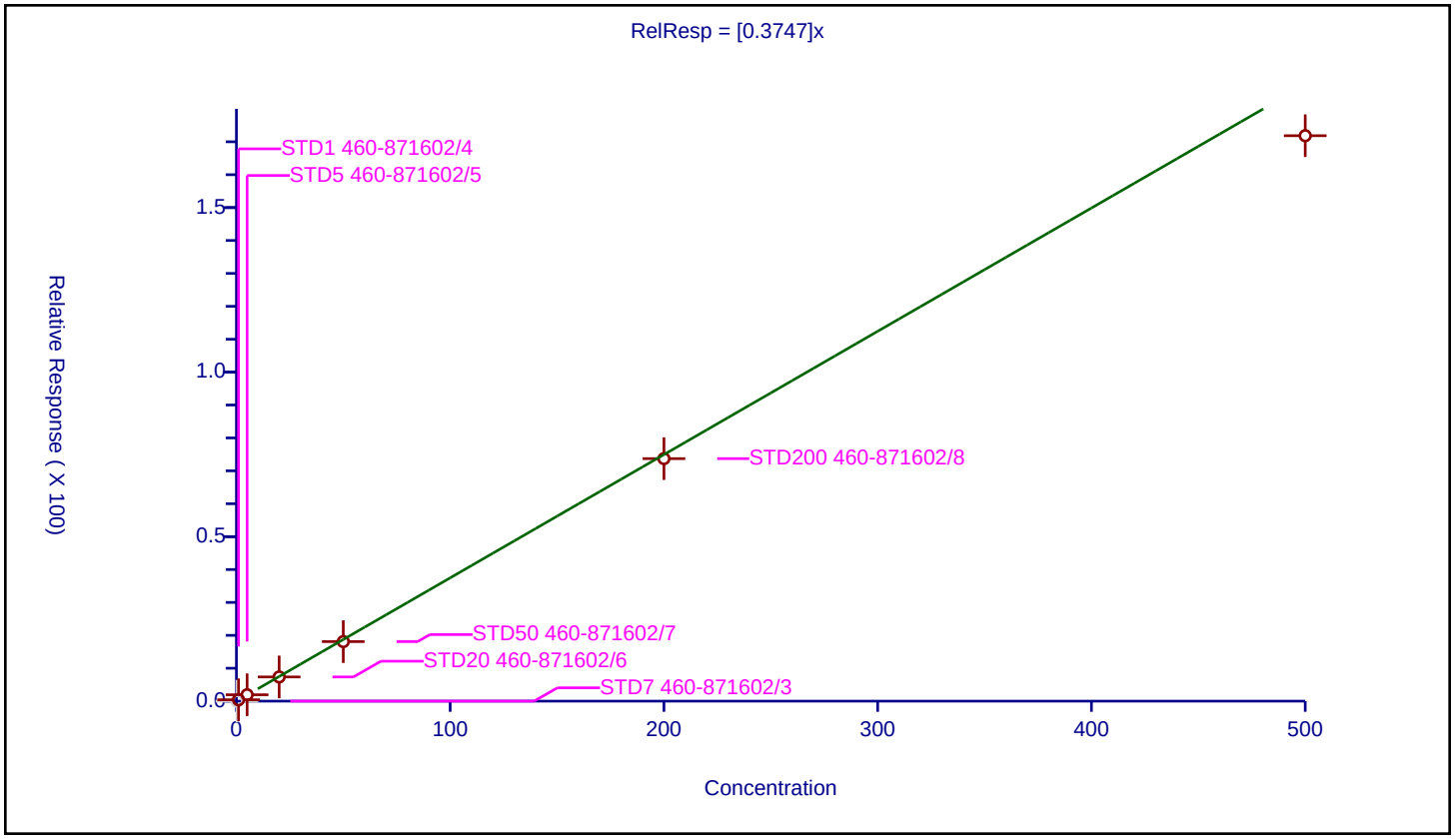
Curve Coefficients

Intercept:	0
Slope:	0.3747

Error Coefficients

Standard Error:	823000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.25	0.0	50.0	447005.0	0.0	N
2	STD1 460-871602/4	1.0	0.418183	50.0	439281.0	0.418183	Y
3	STD5 460-871602/5	5.0	1.941186	50.0	453872.0	0.388237	Y
4	STD20 460-871602/6	20.0	7.352676	50.0	460431.0	0.367634	Y
5	STD50 460-871602/7	50.0	18.092524	50.0	468525.0	0.36185	Y
6	STD200 460-871602/8	200.0	73.705185	50.0	471631.0	0.368526	Y
7	STD500 460-871602/9	500.0	171.847954	50.0	493259.0	0.343696	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

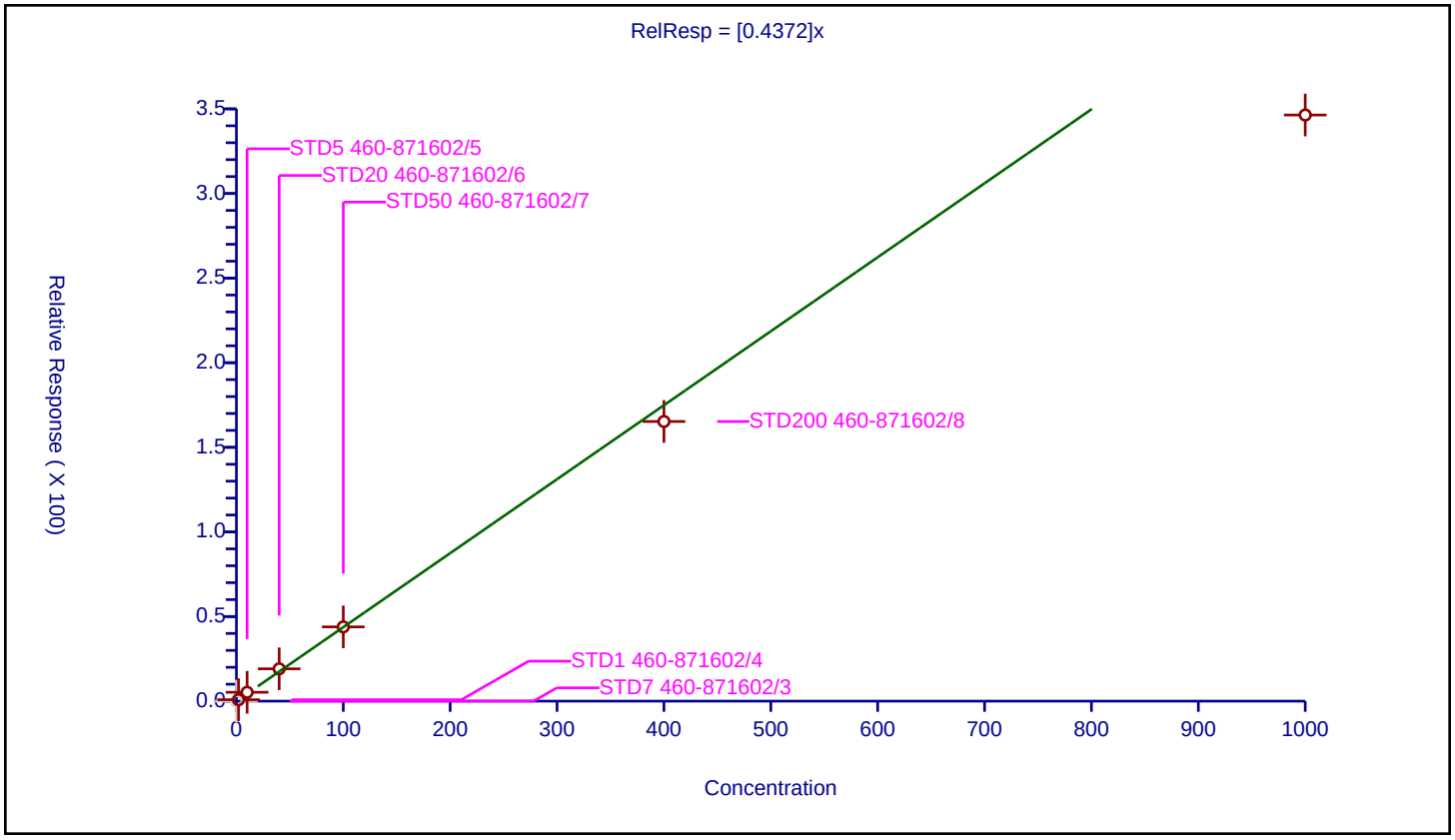
Curve Coefficients

Intercept:	0
Slope:	0.4372

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	13.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	2.0	0.849456	50.0	439281.0	0.424728	Y
3	STD5 460-871602/5	10.0	5.226143	50.0	453872.0	0.522614	Y
4	STD20 460-871602/6	40.0	19.095912	50.0	460431.0	0.477398	Y
5	STD50 460-871602/7	100.0	43.879622	50.0	468525.0	0.438796	Y
6	STD200 460-871602/8	400.0	165.261931	50.0	471631.0	0.413155	Y
7	STD500 460-871602/9	1000.0	346.384455	50.0	493259.0	0.346384	Y



Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

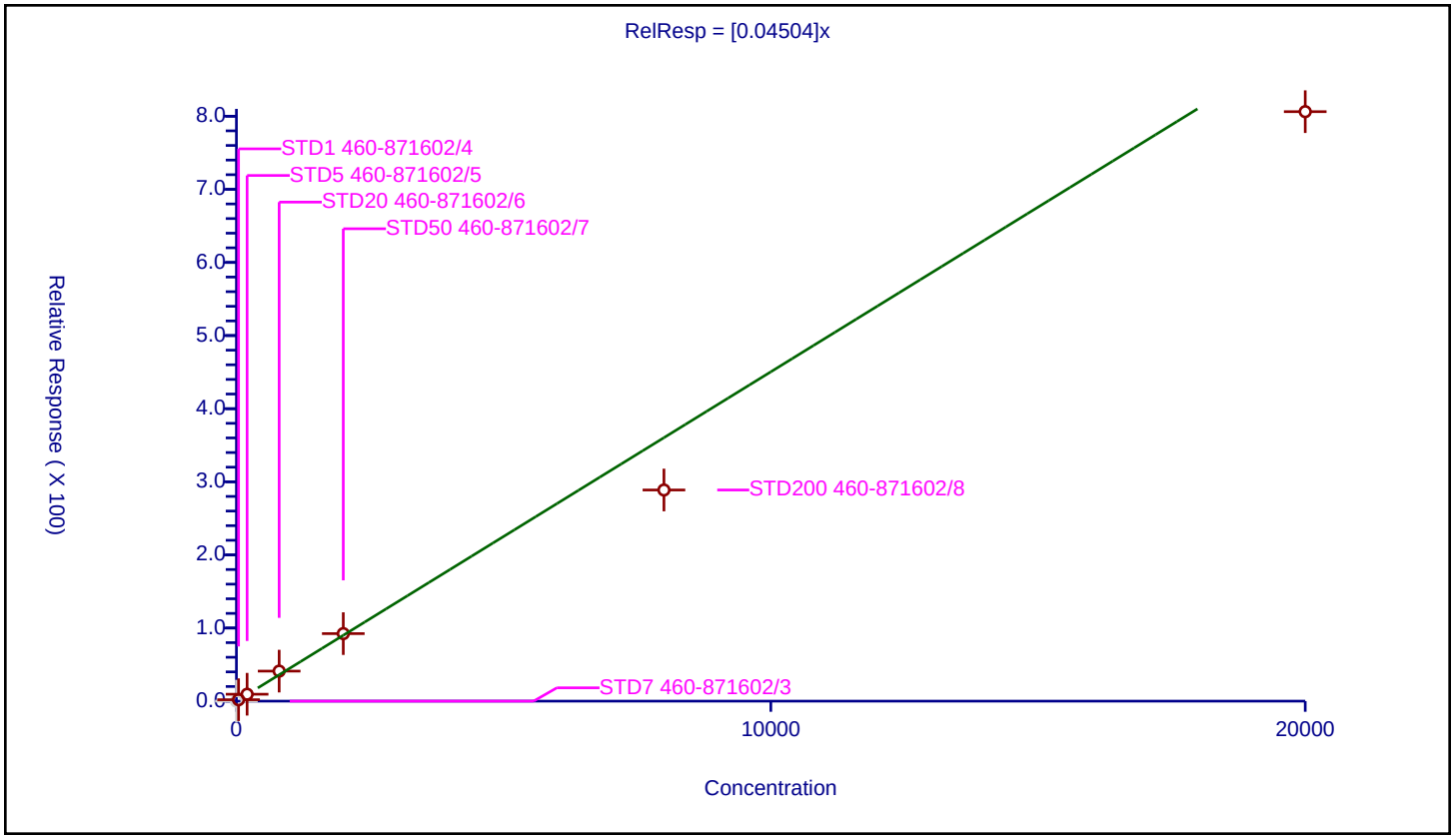
Curve Coefficients

Intercept:	0
Slope:	0.04504

Error Coefficients

Standard Error:	79300
Relative Standard Error:	12.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	40.0	1.963287	1000.0	174707.0	0.049082	Y
3	STD5 460-871602/5	200.0	9.447235	1000.0	176983.0	0.047236	Y
4	STD20 460-871602/6	800.0	41.077197	1000.0	181731.0	0.051346	Y
5	STD50 460-871602/7	2000.0	92.347447	1000.0	201619.0	0.046174	Y
6	STD200 460-871602/8	8000.0	288.774133	1000.0	204492.0	0.036097	Y
7	STD500 460-871602/9	20000.0	806.213825	1000.0	207151.0	0.040311	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

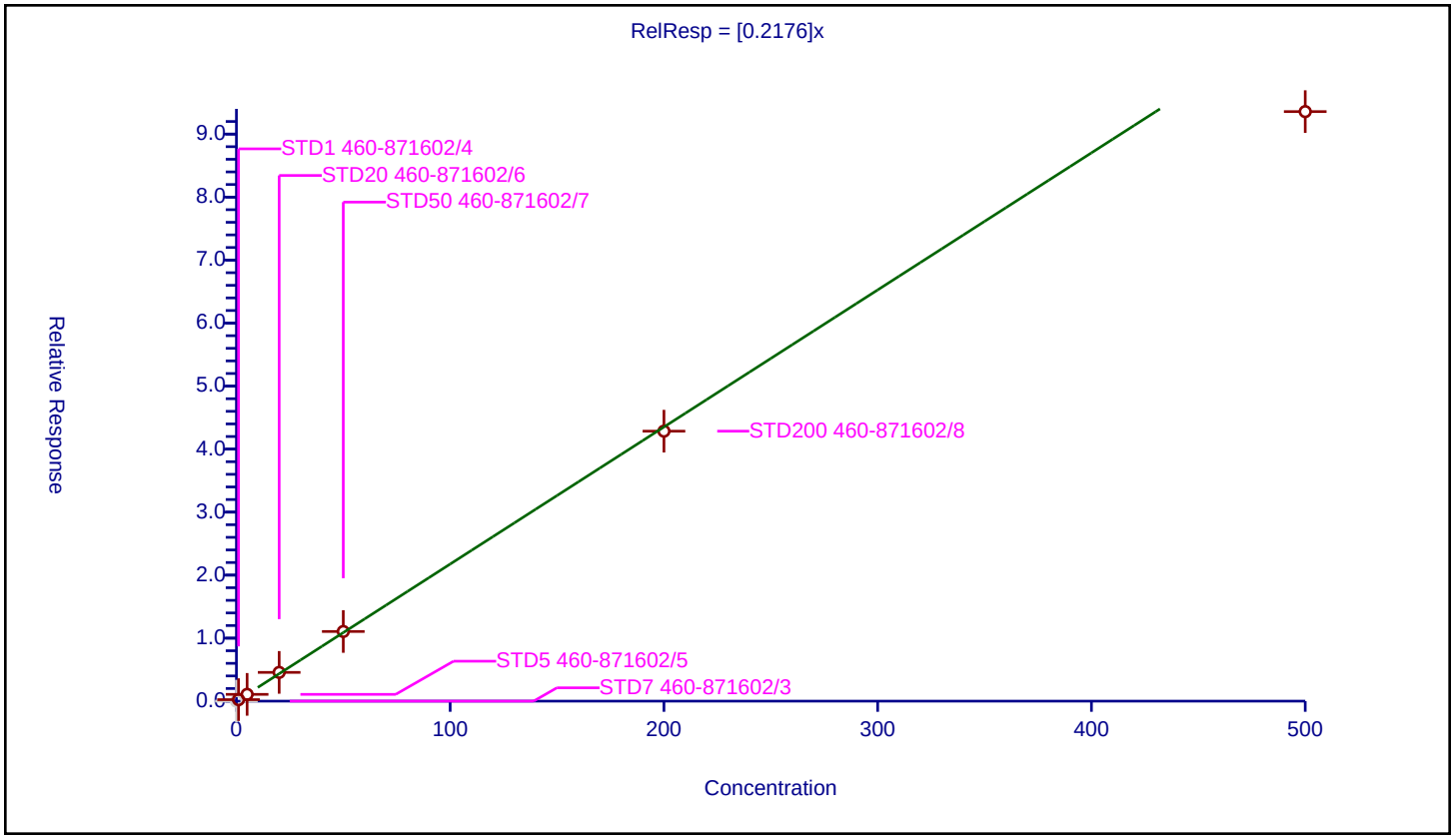
Curve Coefficients

Intercept:	0
Slope:	0.2176

Error Coefficients

Standard Error:	453000
Relative Standard Error:	8.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.239141	50.0	439281.0	0.239141	Y
3	STD5 460-871602/5	5.0	1.077837	50.0	453872.0	0.215567	Y
4	STD20 460-871602/6	20.0	4.563224	50.0	460431.0	0.228161	Y
5	STD50 460-871602/7	50.0	11.05576	50.0	468525.0	0.221115	Y
6	STD200 460-871602/8	200.0	42.849177	50.0	471631.0	0.214246	Y
7	STD500 460-871602/9	500.0	93.567781	50.0	493259.0	0.187136	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

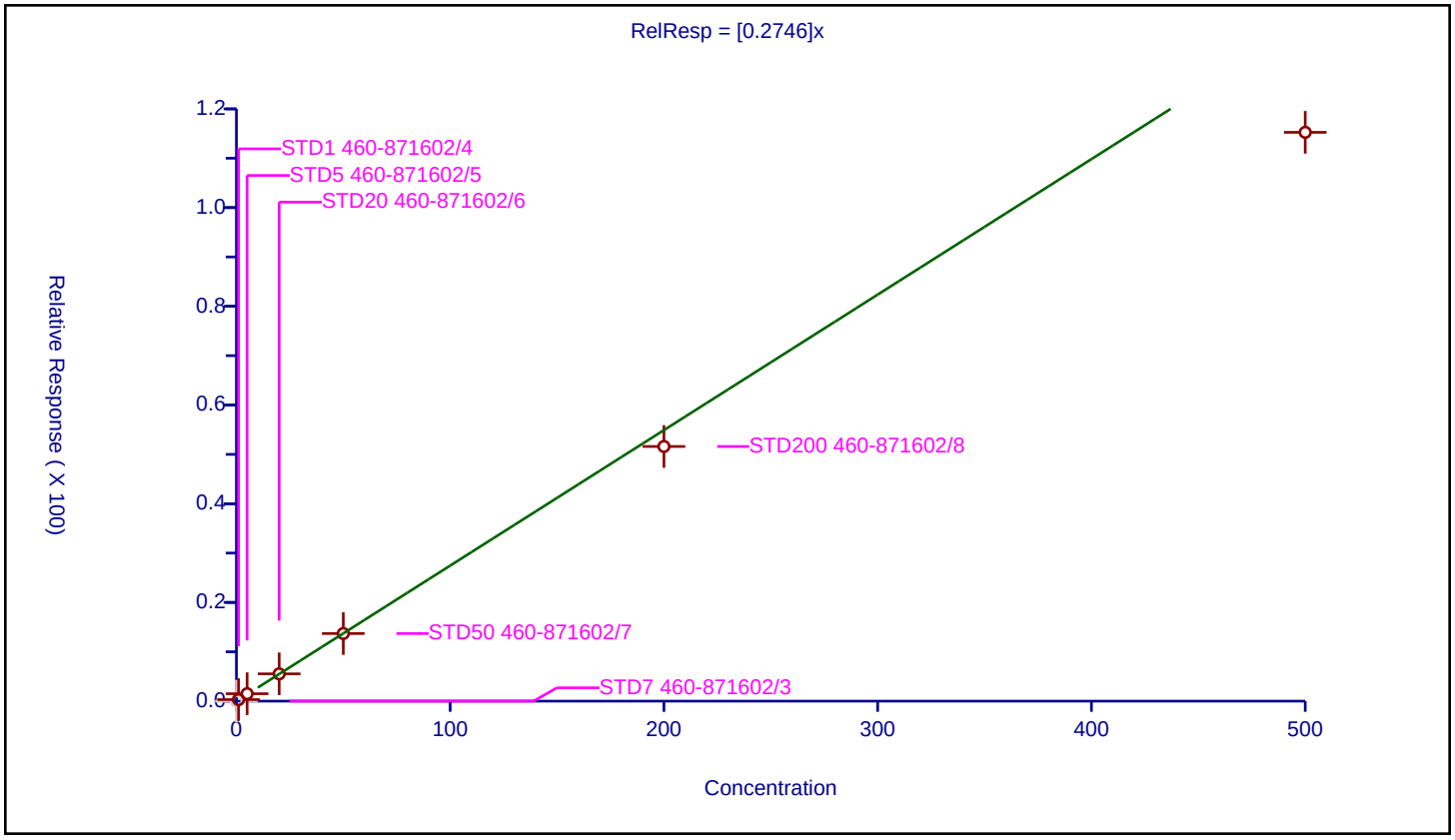
Curve Coefficients

Intercept:	0
Slope:	0.2746

Error Coefficients

Standard Error:	557000
Relative Standard Error:	10.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.308003	50.0	439281.0	0.308003	Y
3	STD5 460-871602/5	5.0	1.502075	50.0	453872.0	0.300415	Y
4	STD20 460-871602/6	20.0	5.529059	50.0	460431.0	0.276453	Y
5	STD50 460-871602/7	50.0	13.700336	50.0	468525.0	0.274007	Y
6	STD200 460-871602/8	200.0	51.60157	50.0	471631.0	0.258008	Y
7	STD500 460-871602/9	500.0	115.251521	50.0	493259.0	0.230503	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

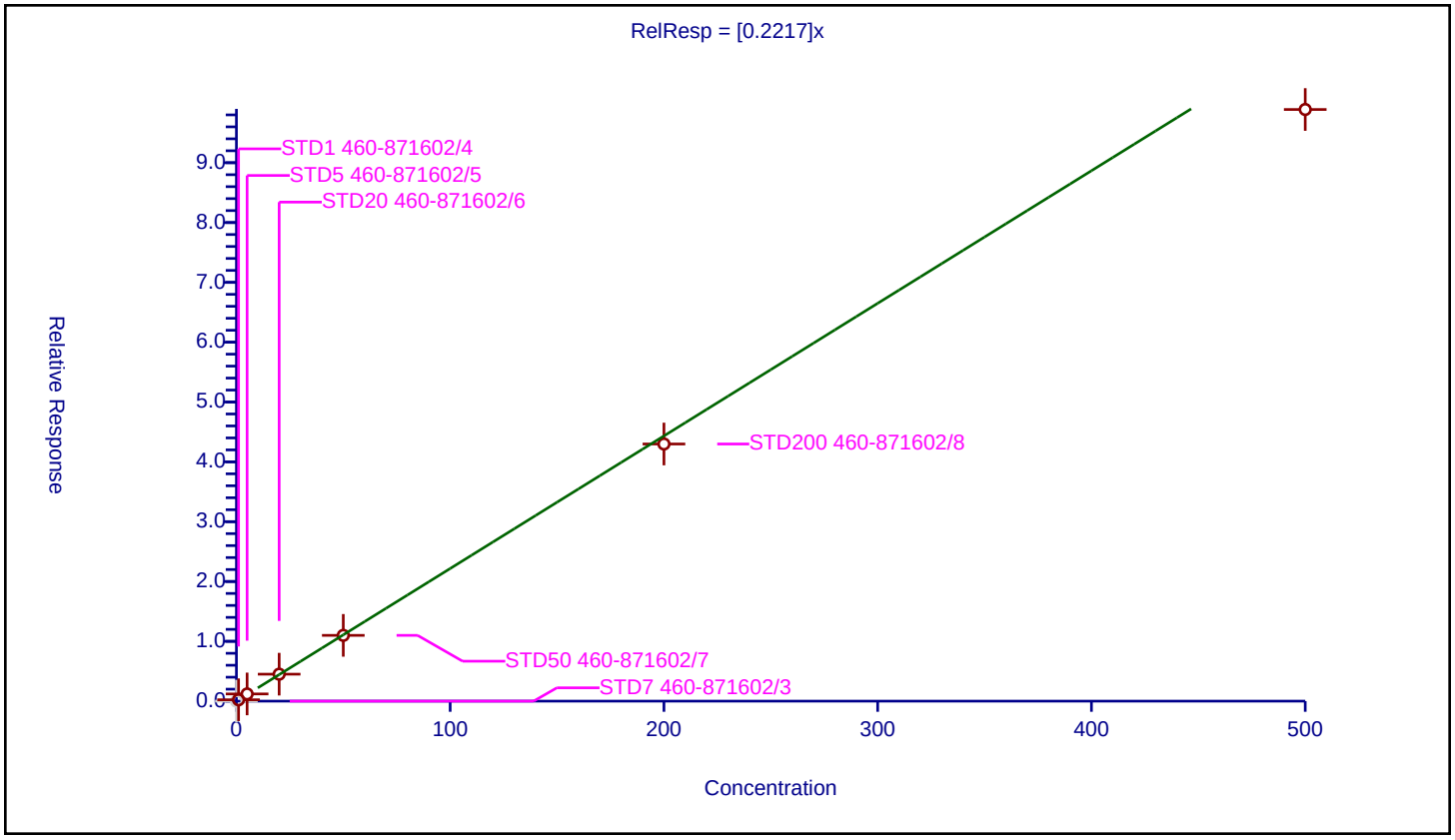
Curve Coefficients

Intercept:	0
Slope:	0.2217

Error Coefficients

Standard Error:	475000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.231287	50.0	439281.0	0.231287	Y
3	STD5 460-871602/5	5.0	1.203423	50.0	453872.0	0.240685	Y
4	STD20 460-871602/6	20.0	4.507624	50.0	460431.0	0.225381	Y
5	STD50 460-871602/7	50.0	10.993544	50.0	468525.0	0.219871	Y
6	STD200 460-871602/8	200.0	42.984982	50.0	471631.0	0.214925	Y
7	STD500 460-871602/9	500.0	98.899564	50.0	493259.0	0.197799	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

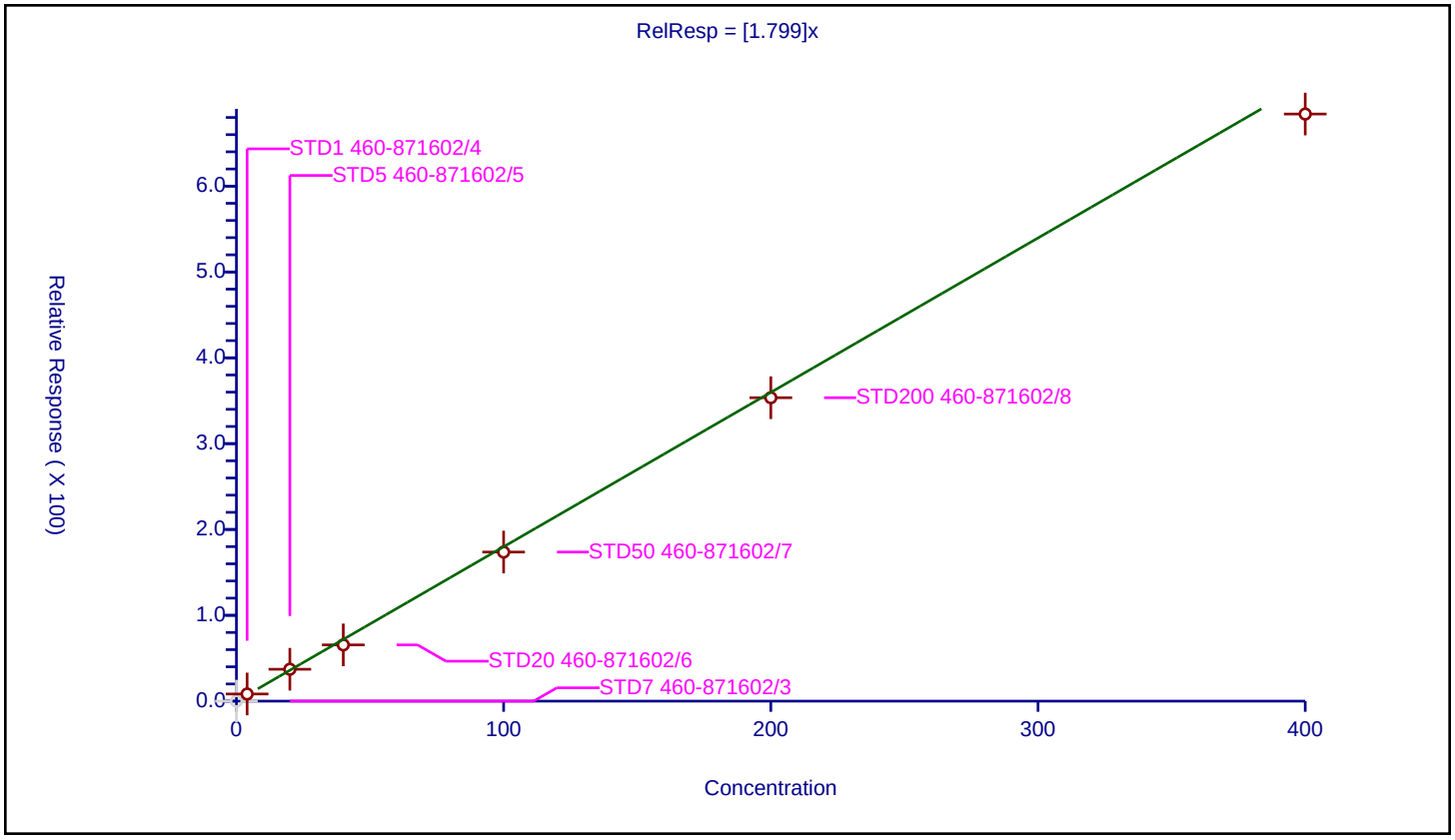
Curve Coefficients

Intercept:	0
Slope:	1.799

Error Coefficients

Standard Error:	72700
Relative Standard Error:	8.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	4.0	8.32823	1000.0	174707.0	2.082057	Y
3	STD5 460-871602/5	20.0	37.150461	1000.0	176983.0	1.857523	Y
4	STD20 460-871602/6	40.0	65.519917	1000.0	181731.0	1.637998	Y
5	STD50 460-871602/7	100.0	173.698907	1000.0	201619.0	1.736989	Y
6	STD200 460-871602/8	200.0	353.515052	1000.0	204492.0	1.767575	Y
7	STD500 460-871602/9	400.0	684.013111	1000.0	207151.0	1.710033	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

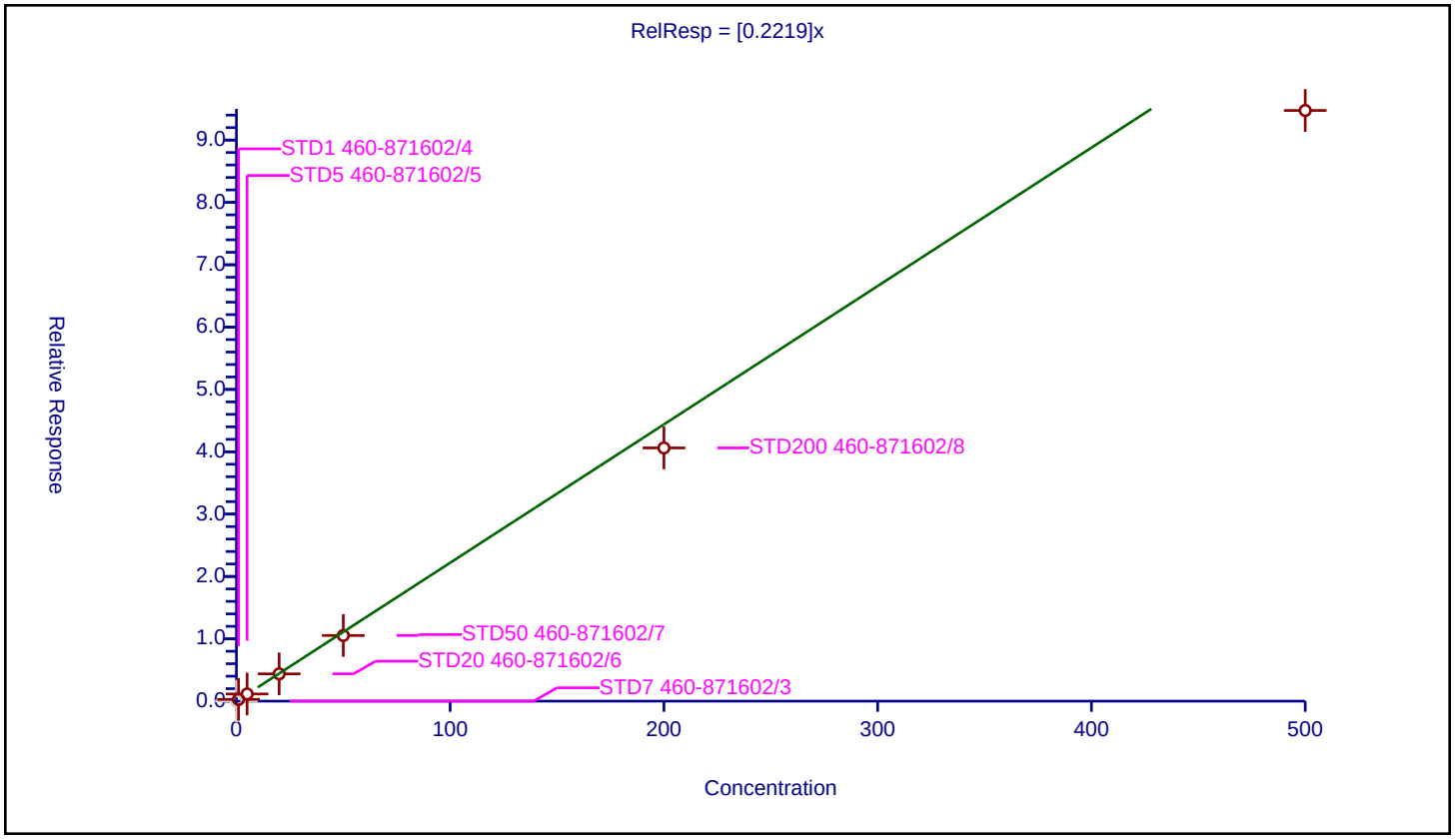
Curve Coefficients

Intercept:	0
Slope:	0.2219

Error Coefficients

Standard Error:	454000
Relative Standard Error:	14.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.280231	50.0	439281.0	0.280231	Y
3	STD5 460-871602/5	5.0	1.147791	50.0	453872.0	0.229558	Y
4	STD20 460-871602/6	20.0	4.375574	50.0	460431.0	0.218779	Y
5	STD50 460-871602/7	50.0	10.526866	50.0	468525.0	0.210537	Y
6	STD200 460-871602/8	200.0	40.616287	50.0	471631.0	0.203081	Y
7	STD500 460-871602/9	500.0	94.743025	50.0	493259.0	0.189486	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

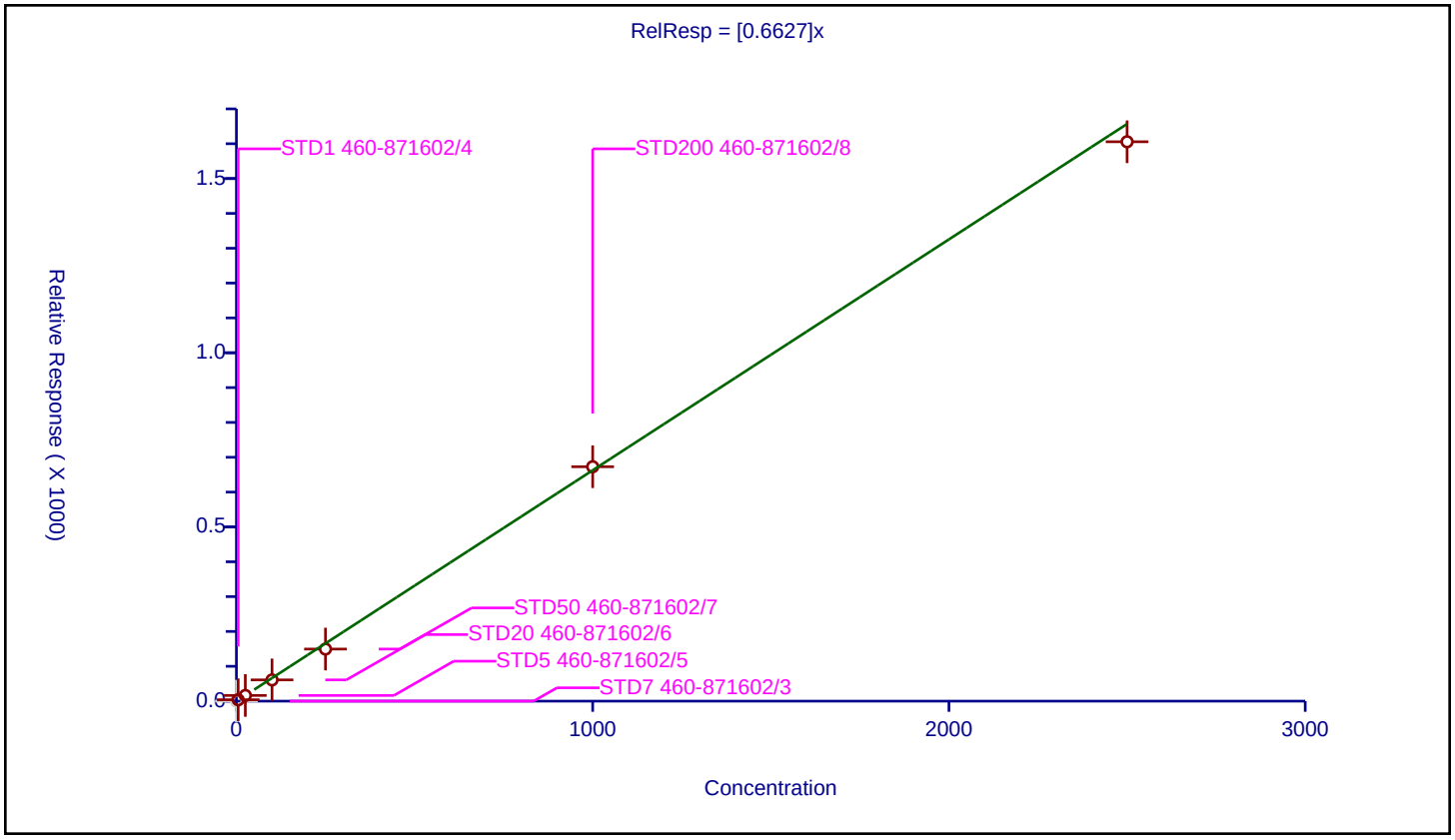
Curve Coefficients

Intercept:	0
Slope:	0.6627

Error Coefficients

Standard Error:	971000
Relative Standard Error:	10.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	5.0	3.995451	250.0	261610.0	0.79909	Y
3	STD5 460-871602/5	25.0	16.356185	250.0	270494.0	0.654247	Y
4	STD20 460-871602/6	100.0	60.986147	250.0	285282.0	0.609861	Y
5	STD50 460-871602/7	250.0	149.468865	250.0	308867.0	0.597875	Y
6	STD200 460-871602/8	1000.0	672.875197	250.0	314688.0	0.672875	Y
7	STD500 460-871602/9	2500.0	1605.665746	250.0	309968.0	0.642266	Y



Calibration / Iodomethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

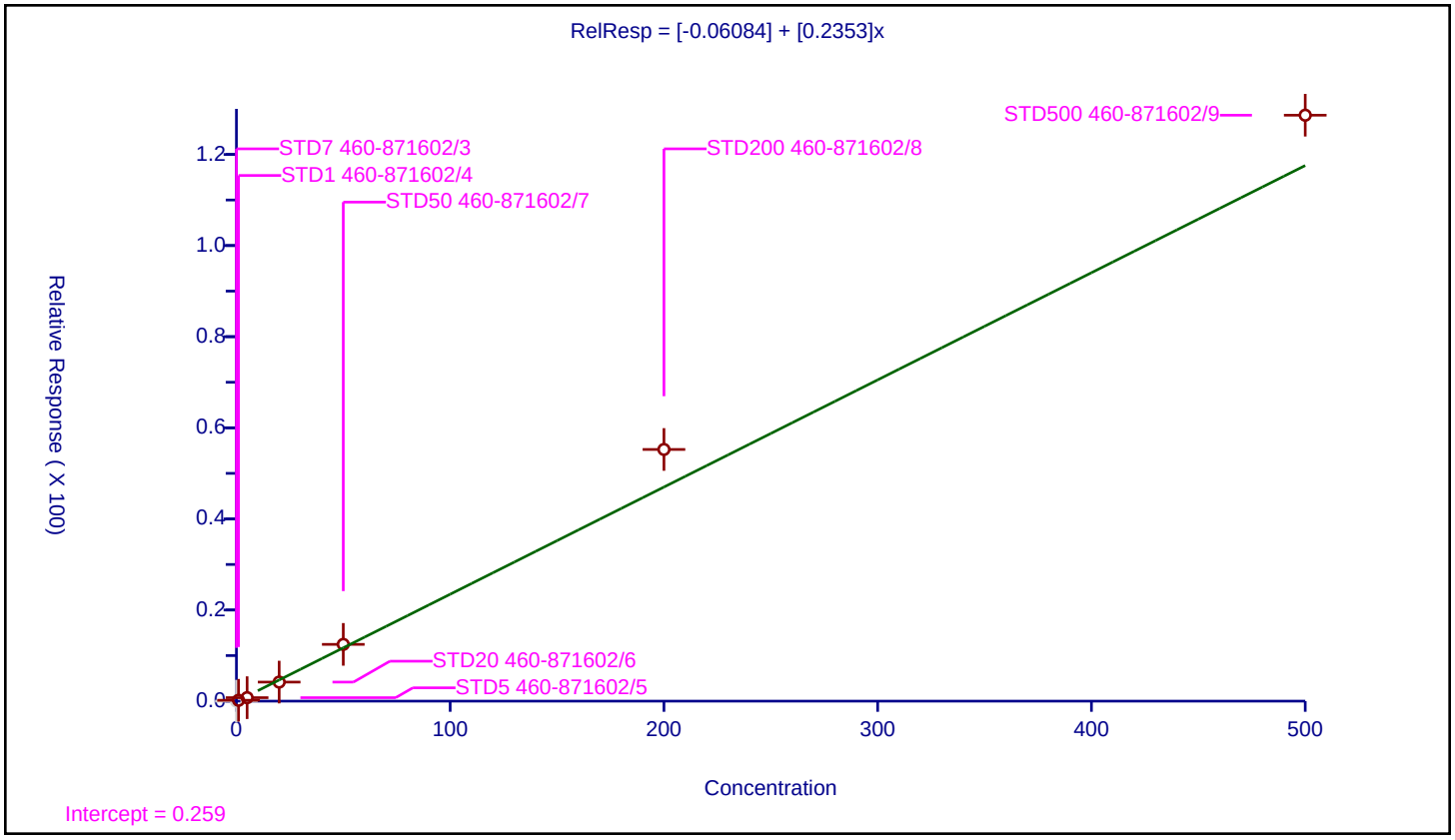
Curve Coefficients

Intercept:	-0.06084
Slope:	0.2353

Error Coefficients

Standard Error:	689000
Relative Standard Error:	19.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.968

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.189059	50.0	439281.0	0.189059	Y
3	STD5 460-871602/5	5.0	0.764202	50.0	453872.0	0.15284	Y
4	STD20 460-871602/6	20.0	4.1851	50.0	460431.0	0.209255	Y
5	STD50 460-871602/7	50.0	12.461448	50.0	468525.0	0.249229	Y
6	STD200 460-871602/8	200.0	55.244036	50.0	471631.0	0.27622	Y
7	STD500 460-871602/9	500.0	128.614075	50.0	493259.0	0.257228	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

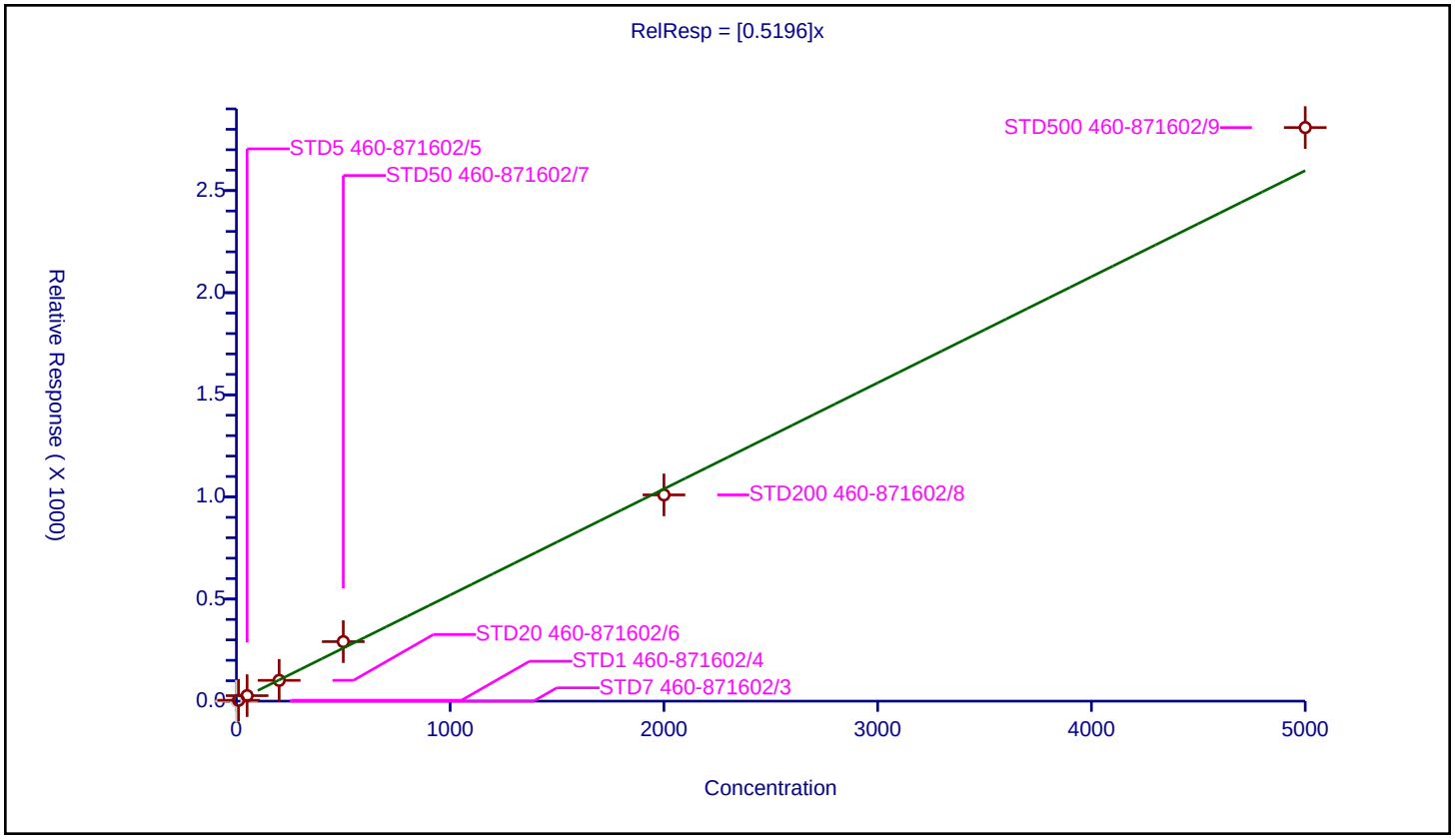
Curve Coefficients

Intercept:	0
Slope:	0.5196

Error Coefficients

Standard Error:	276000
Relative Standard Error:	10.9
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	10.0	4.218492	1000.0	174707.0	0.421849	Y
3	STD5 460-871602/5	50.0	26.855687	1000.0	176983.0	0.537114	Y
4	STD20 460-871602/6	200.0	101.765797	1000.0	181731.0	0.508829	Y
5	STD50 460-871602/7	500.0	291.460626	1000.0	201619.0	0.582921	Y
6	STD200 460-871602/8	2000.0	1009.834126	1000.0	204492.0	0.504917	Y
7	STD500 460-871602/9	5000.0	2808.579249	1000.0	207151.0	0.561716	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

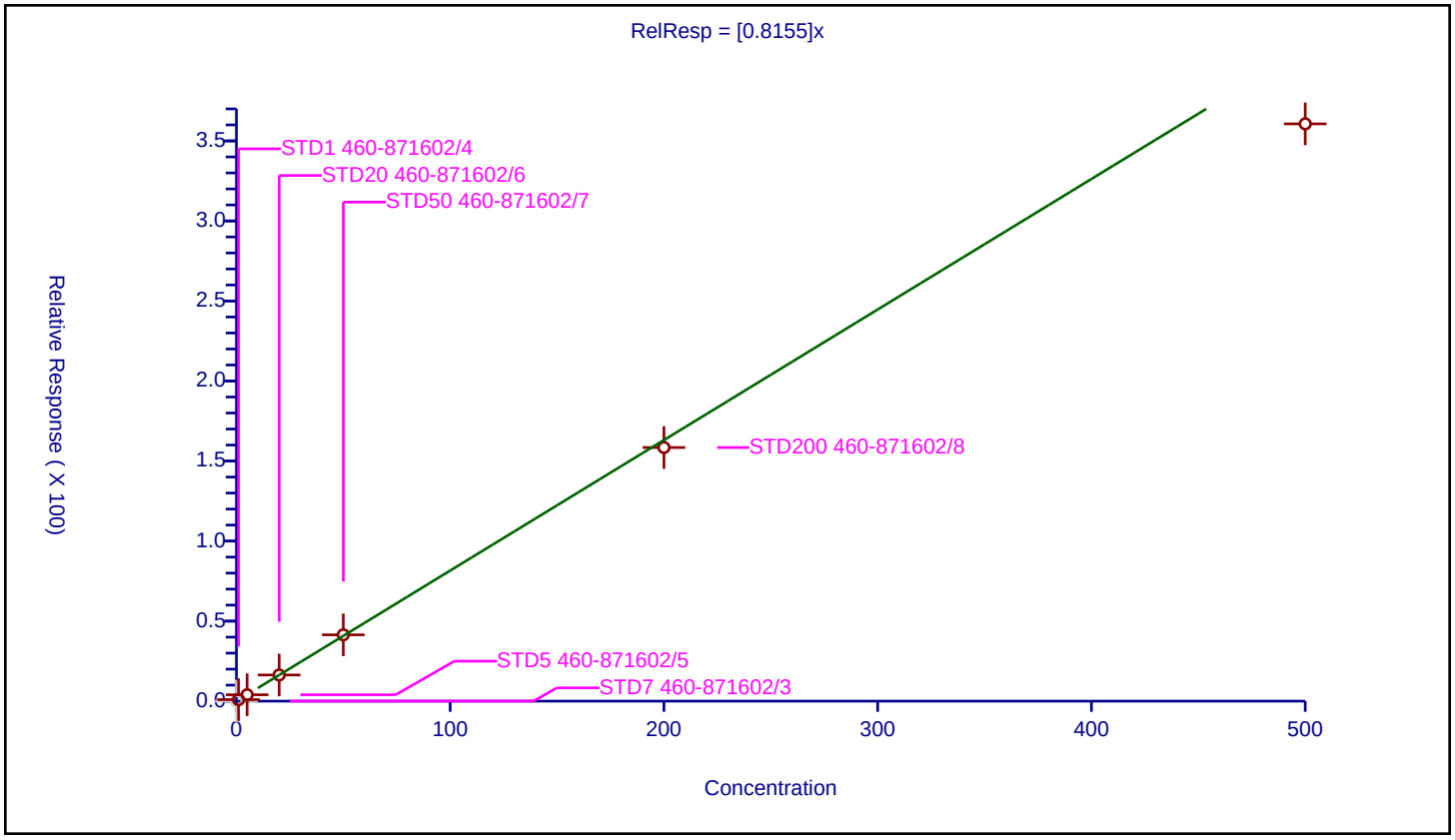
Curve Coefficients

Intercept:	0
Slope:	0.8155

Error Coefficients

Standard Error:	1740000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.937213	50.0	439281.0	0.937213	Y
3	STD5 460-871602/5	5.0	3.985485	50.0	453872.0	0.797097	Y
4	STD20 460-871602/6	20.0	16.334587	50.0	460431.0	0.816729	Y
5	STD50 460-871602/7	50.0	41.431407	50.0	468525.0	0.828628	Y
6	STD200 460-871602/8	200.0	158.452901	50.0	471631.0	0.792265	Y
7	STD500 460-871602/9	500.0	360.656369	50.0	493259.0	0.721313	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

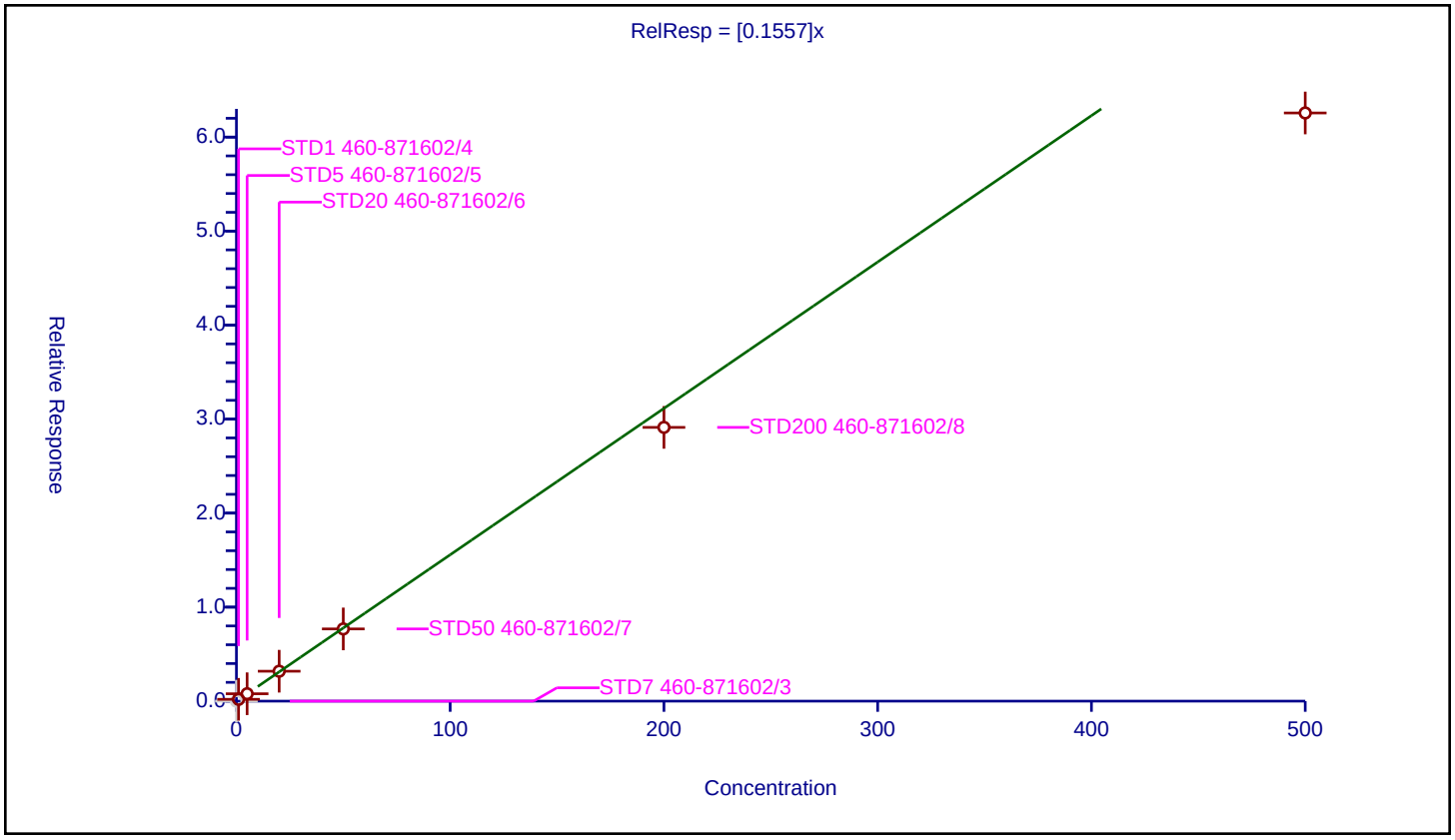
Curve Coefficients

Intercept:	0
Slope:	0.1557

Error Coefficients

Standard Error:	304000
Relative Standard Error:	14.3
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.974

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.193612	50.0	439281.0	0.193612	Y
3	STD5 460-871602/5	5.0	0.785243	50.0	453872.0	0.157049	Y
4	STD20 460-871602/6	20.0	3.183973	50.0	460431.0	0.159199	Y
5	STD50 460-871602/7	50.0	7.681981	50.0	468525.0	0.15364	Y
6	STD200 460-871602/8	200.0	29.121707	50.0	471631.0	0.145609	Y
7	STD500 460-871602/9	500.0	62.566623	50.0	493259.0	0.125133	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

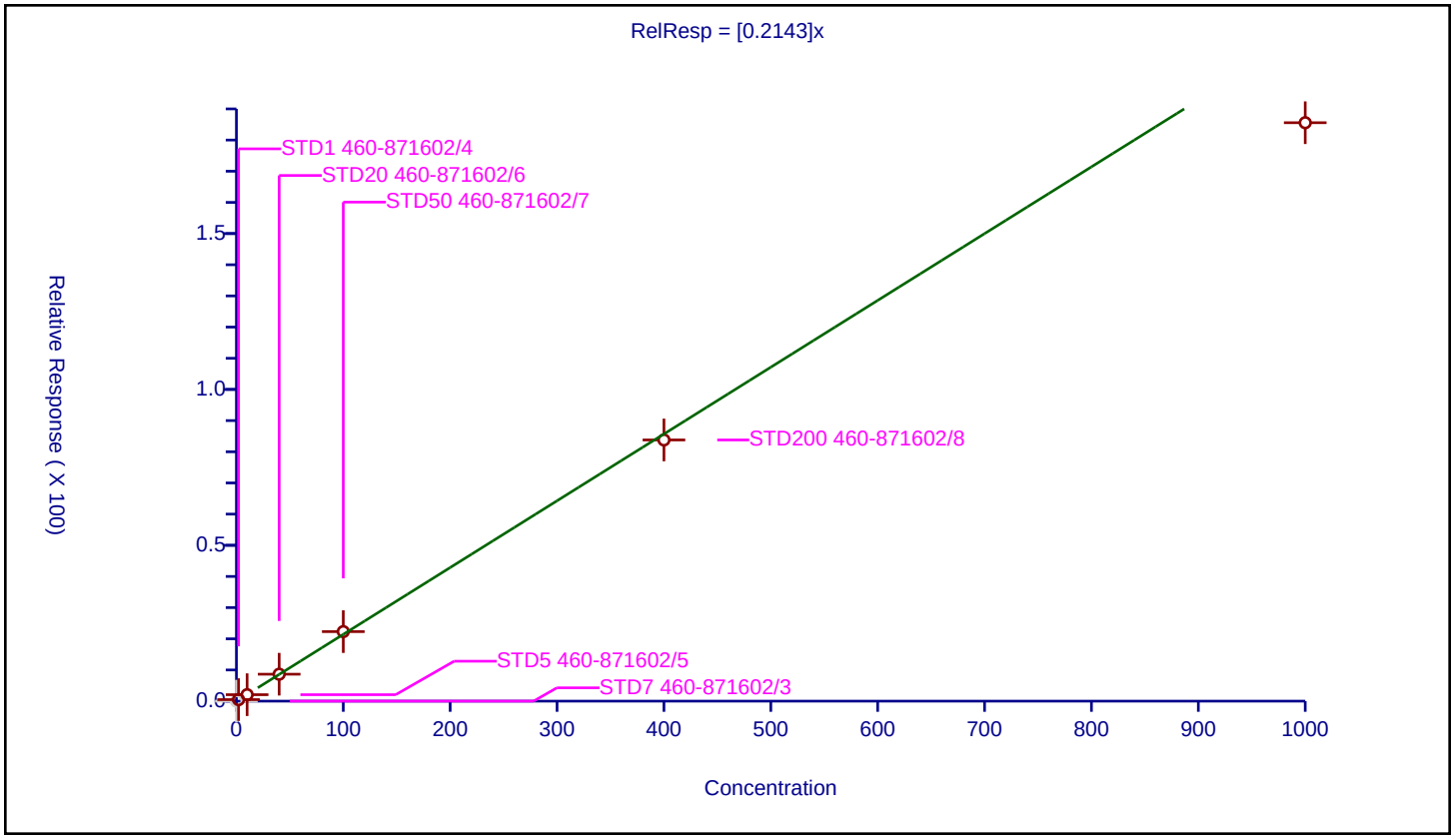
Curve Coefficients

Intercept:	0
Slope:	0.2143

Error Coefficients

Standard Error:	897000
Relative Standard Error:	9.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	2.0	0.488639	50.0	439281.0	0.24432	Y
3	STD5 460-871602/5	10.0	2.071289	50.0	453872.0	0.207129	Y
4	STD20 460-871602/6	40.0	8.639514	50.0	460431.0	0.215988	Y
5	STD50 460-871602/7	100.0	22.309589	50.0	468525.0	0.223096	Y
6	STD200 460-871602/8	400.0	83.791884	50.0	471631.0	0.20948	Y
7	STD500 460-871602/9	1000.0	185.561541	50.0	493259.0	0.185562	Y



Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

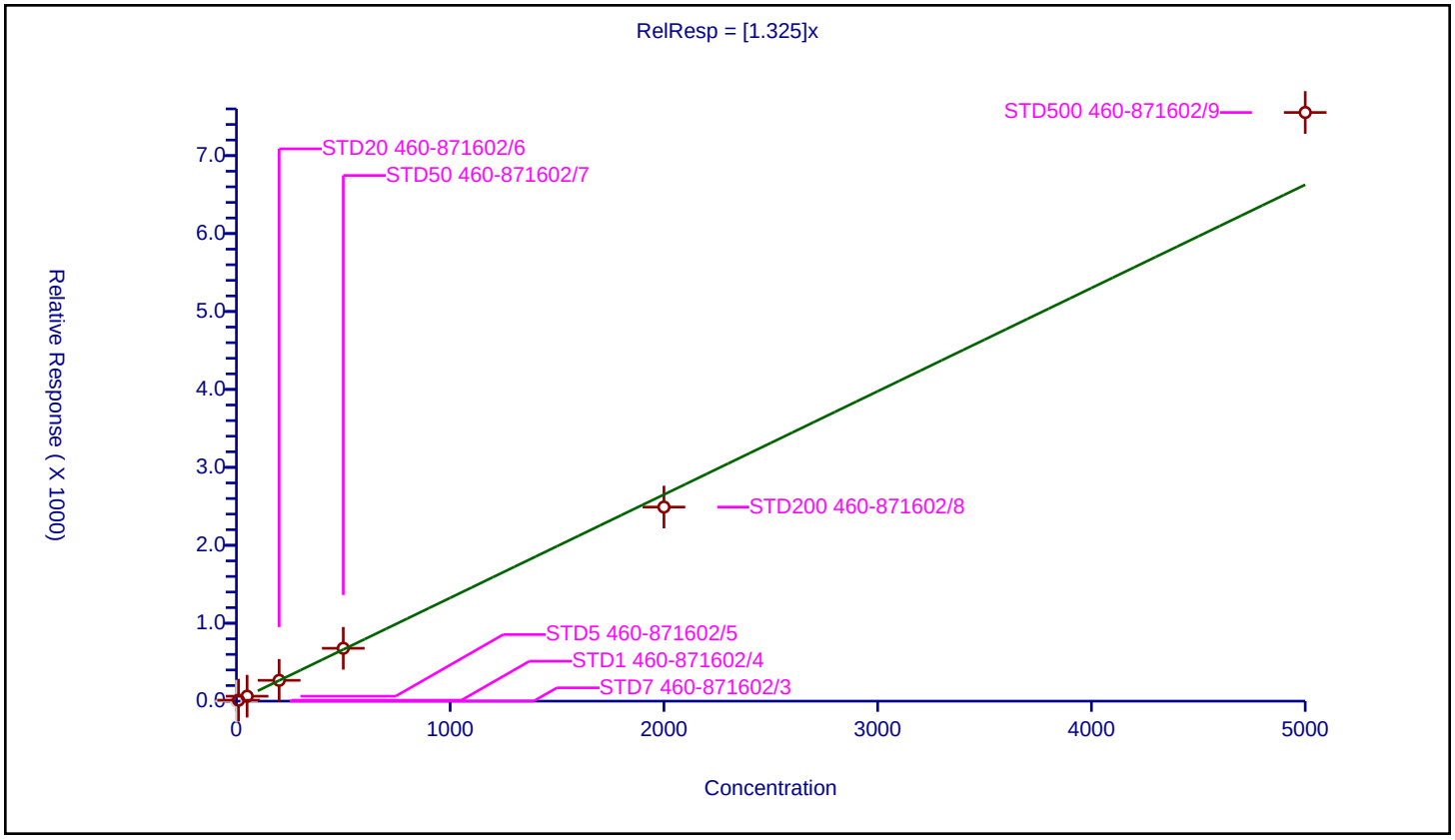
Curve Coefficients

Intercept:	0
Slope:	1.325

Error Coefficients

Standard Error:	736000
Relative Standard Error:	7.8
Correlation Coefficient:	0.995
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	10.0	12.357833	1000.0	174707.0	1.235783	Y
3	STD5 460-871602/5	50.0	63.435471	1000.0	176983.0	1.268709	Y
4	STD20 460-871602/6	200.0	267.026539	1000.0	181731.0	1.335133	Y
5	STD50 460-871602/7	500.0	678.378526	1000.0	201619.0	1.356757	Y
6	STD200 460-871602/8	2000.0	2490.513076	1000.0	204492.0	1.245257	Y
7	STD500 460-871602/9	5000.0	7553.938914	1000.0	207151.0	1.510788	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

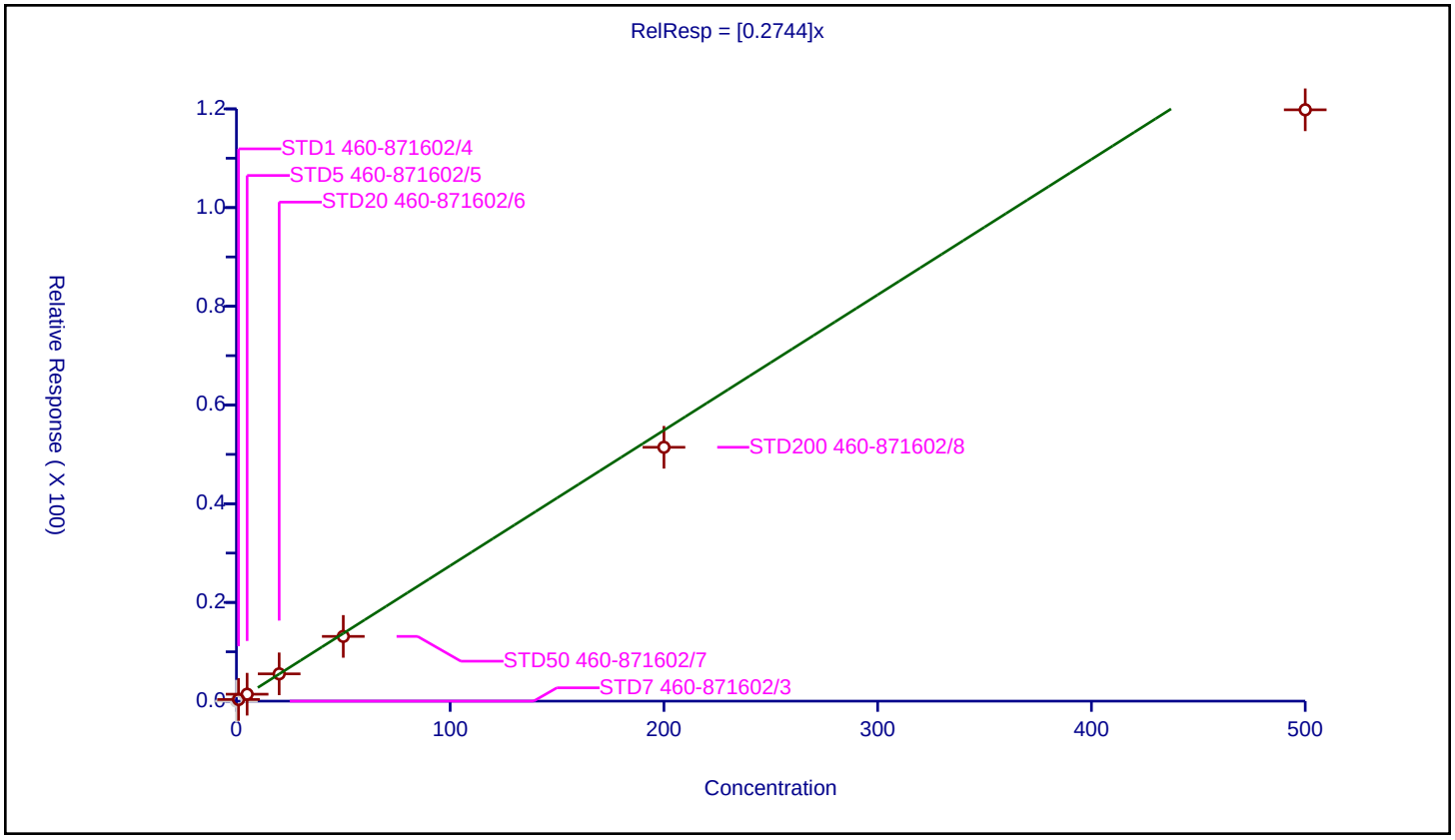
Curve Coefficients

Intercept:	0
Slope:	0.2744

Error Coefficients

Standard Error:	574000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.329743	50.0	439281.0	0.329743	Y
3	STD5 460-871602/5	5.0	1.406894	50.0	453872.0	0.281379	Y
4	STD20 460-871602/6	20.0	5.526995	50.0	460431.0	0.27635	Y
5	STD50 460-871602/7	50.0	13.116909	50.0	468525.0	0.262338	Y
6	STD200 460-871602/8	200.0	51.434384	50.0	471631.0	0.257172	Y
7	STD500 460-871602/9	500.0	119.819	50.0	493259.0	0.239638	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

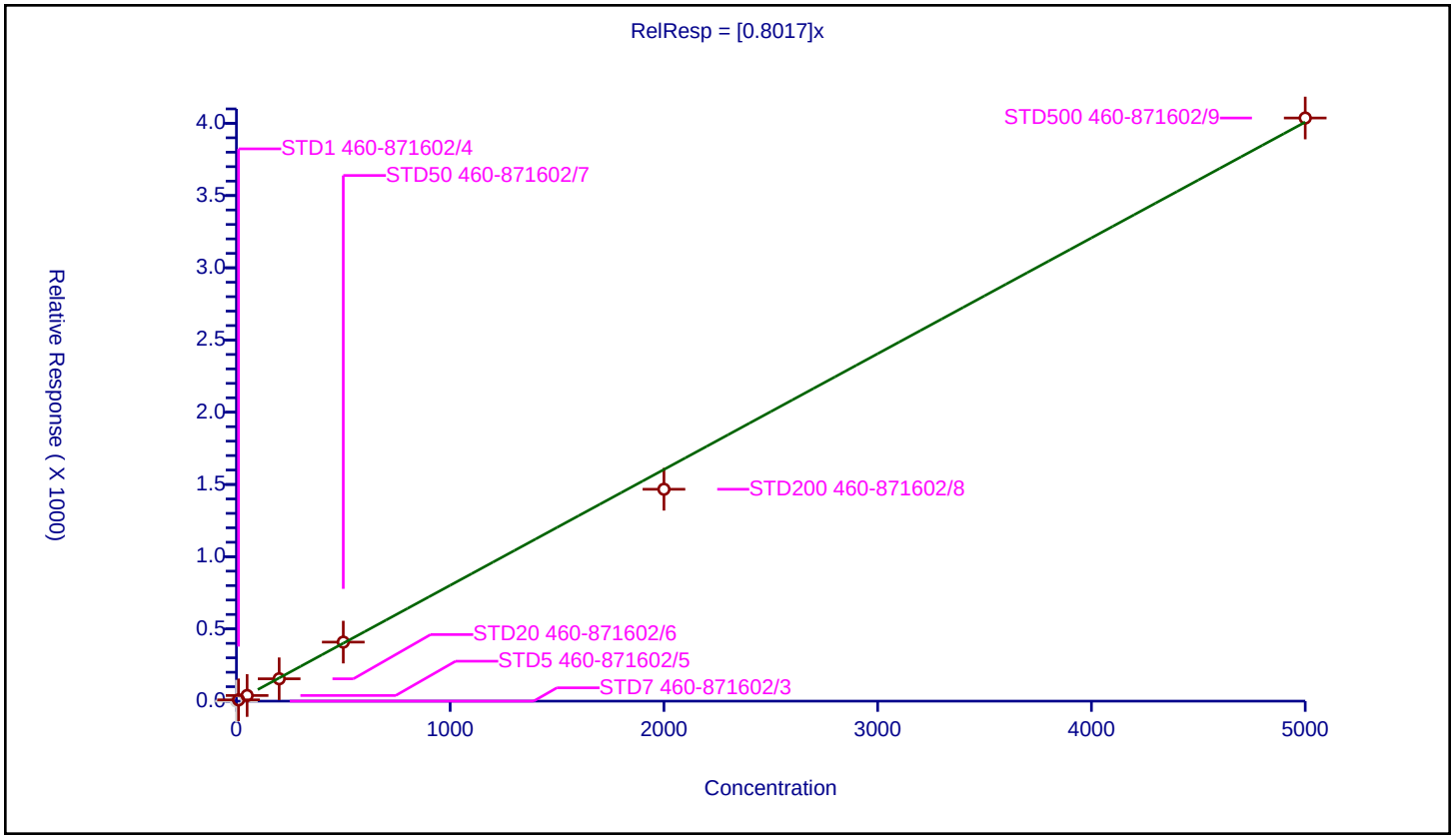
Curve Coefficients

Intercept:	0
Slope:	0.8017

Error Coefficients

Standard Error:	397000
Relative Standard Error:	7.0
Correlation Coefficient:	0.998
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	10.0	8.997922	1000.0	174707.0	0.899792	Y
3	STD5 460-871602/5	50.0	38.918992	1000.0	176983.0	0.77838	Y
4	STD20 460-871602/6	200.0	154.783719	1000.0	181731.0	0.773919	Y
5	STD50 460-871602/7	500.0	408.71644	1000.0	201619.0	0.817433	Y
6	STD200 460-871602/8	2000.0	1466.854449	1000.0	204492.0	0.733427	Y
7	STD500 460-871602/9	5000.0	4036.847517	1000.0	207151.0	0.80737	Y



Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

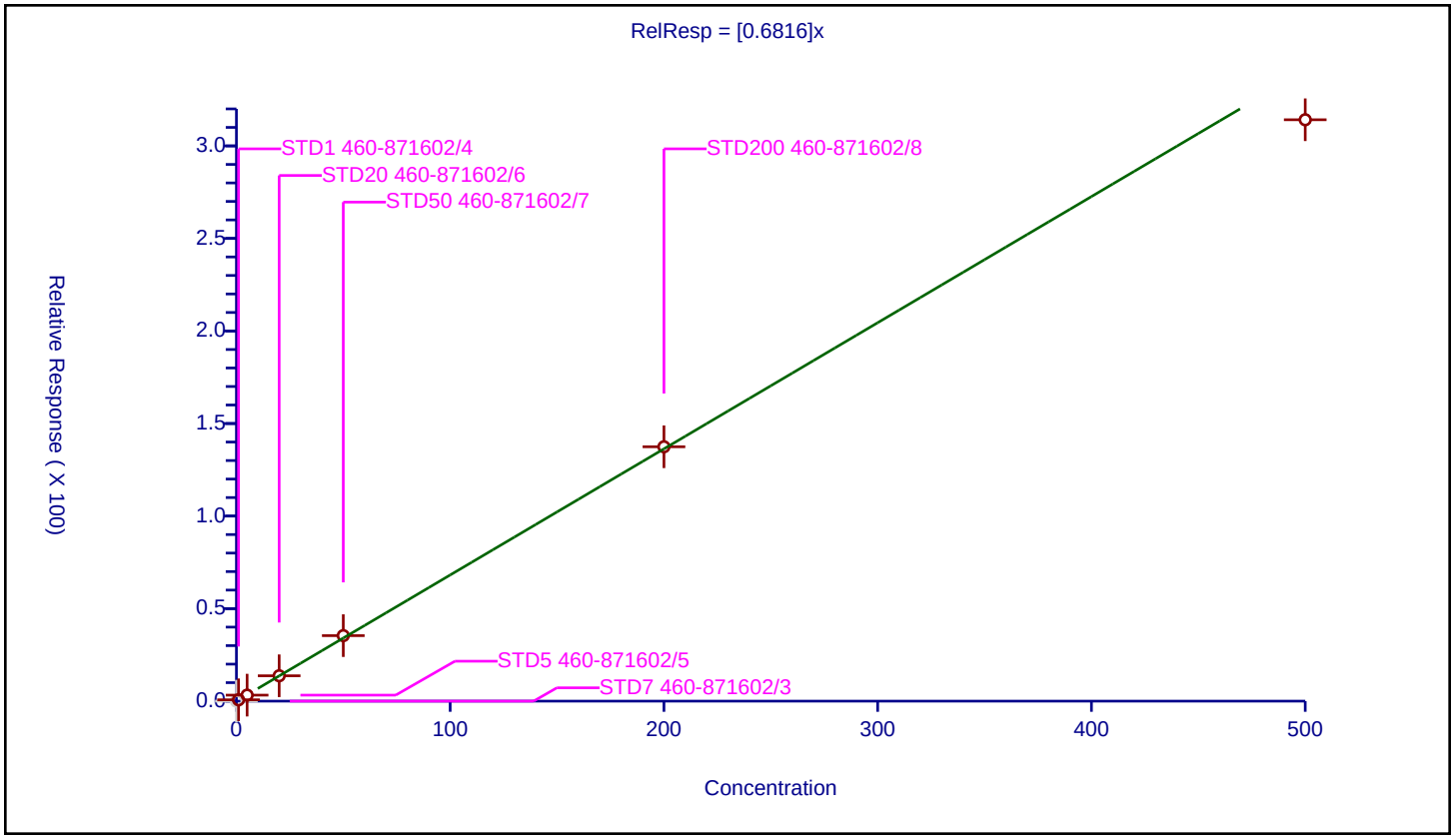
Curve Coefficients

Intercept:	0
Slope:	0.6816

Error Coefficients

Standard Error:	1510000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.732561	50.0	439281.0	0.732561	Y
3	STD5 460-871602/5	5.0	3.240782	50.0	453872.0	0.648156	Y
4	STD20 460-871602/6	20.0	13.705962	50.0	460431.0	0.685298	Y
5	STD50 460-871602/7	50.0	35.395763	50.0	468525.0	0.707915	Y
6	STD200 460-871602/8	200.0	137.439545	50.0	471631.0	0.687198	Y
7	STD500 460-871602/9	500.0	314.1225	50.0	493259.0	0.628245	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

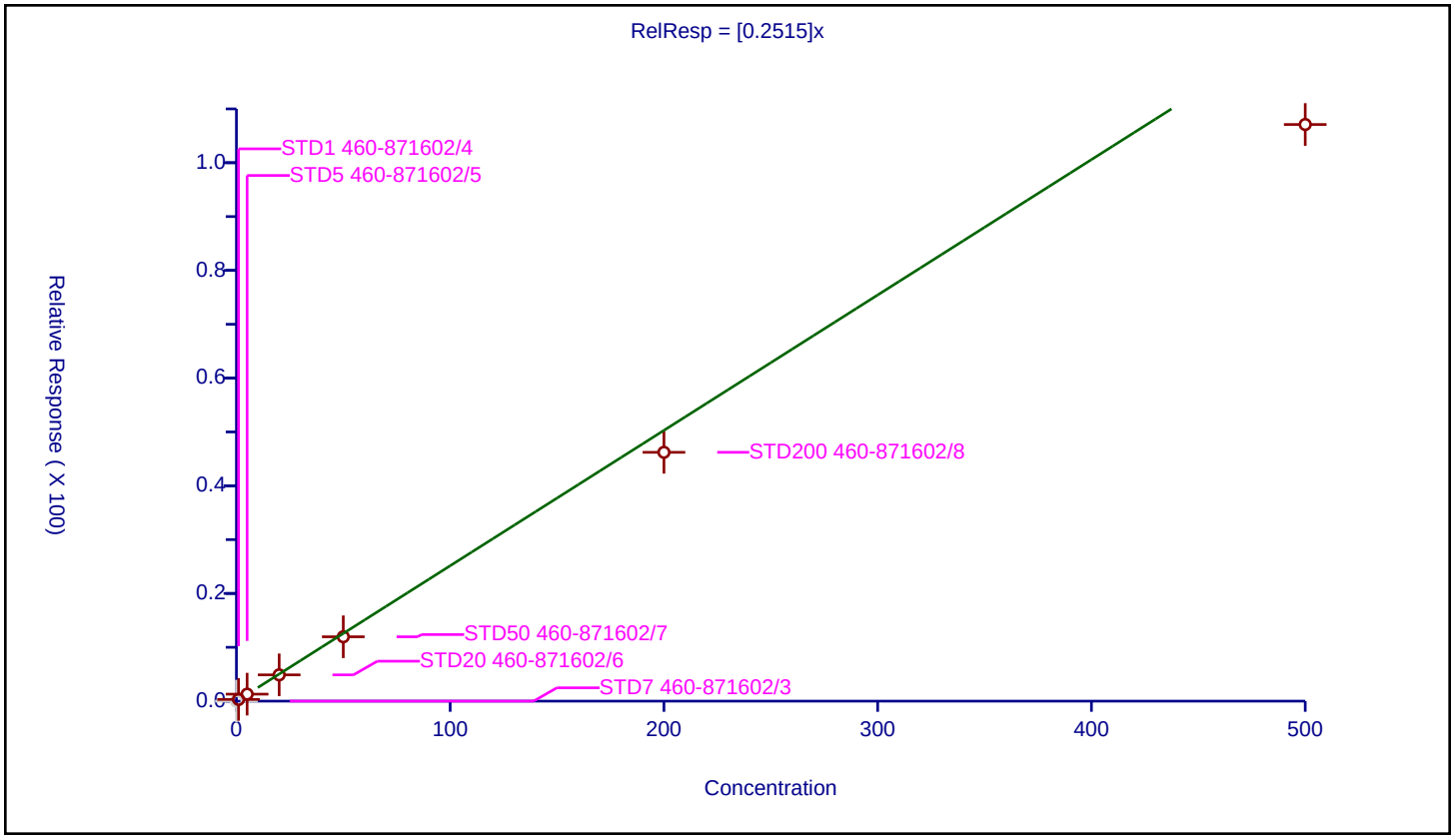
Curve Coefficients

Intercept:	0
Slope:	0.2515

Error Coefficients

Standard Error:	514000
Relative Standard Error:	14.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.320638	50.0	439281.0	0.320638	Y
3	STD5 460-871602/5	5.0	1.298714	50.0	453872.0	0.259743	Y
4	STD20 460-871602/6	20.0	4.880536	50.0	460431.0	0.244027	Y
5	STD50 460-871602/7	50.0	11.951657	50.0	468525.0	0.239033	Y
6	STD200 460-871602/8	200.0	46.214837	50.0	471631.0	0.231074	Y
7	STD500 460-871602/9	500.0	107.100225	50.0	493259.0	0.2142	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

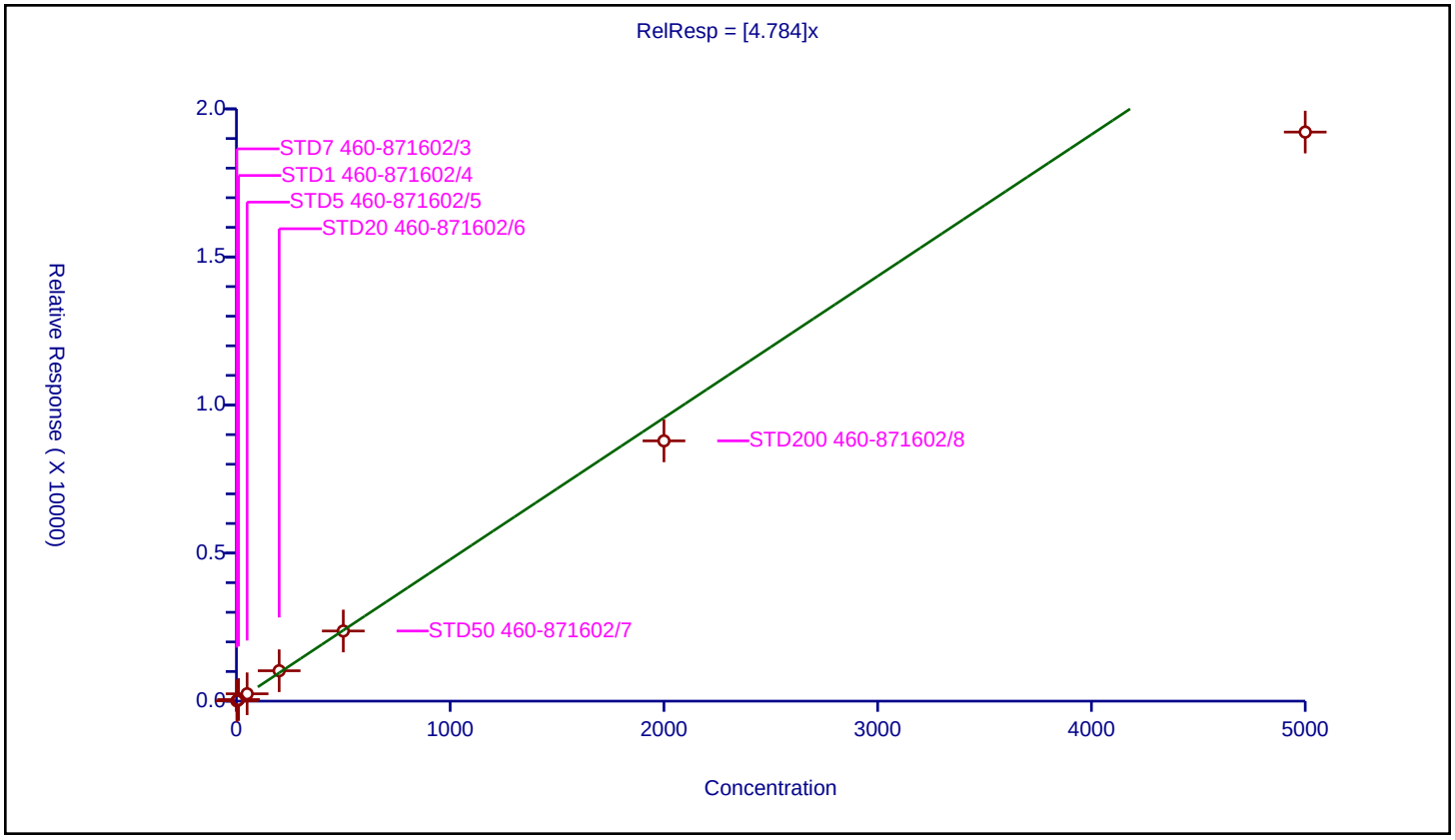
Curve Coefficients

Intercept:	0
Slope:	4.784

Error Coefficients

Standard Error:	1780000
Relative Standard Error:	10.7
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	2.0	10.164226	1000.0	177682.0	5.082113	Y
2	STD1 460-871602/4	10.0	53.163296	1000.0	174707.0	5.31633	Y
3	STD5 460-871602/5	50.0	249.006967	1000.0	176983.0	4.980139	Y
4	STD20 460-871602/6	200.0	1026.379649	1000.0	181731.0	5.131898	Y
5	STD50 460-871602/7	500.0	2368.288703	1000.0	201619.0	4.736577	Y
6	STD200 460-871602/8	2000.0	8789.375623	1000.0	204492.0	4.394688	Y
7	STD500 460-871602/9	5000.0	19217.725234	1000.0	207151.0	3.843545	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

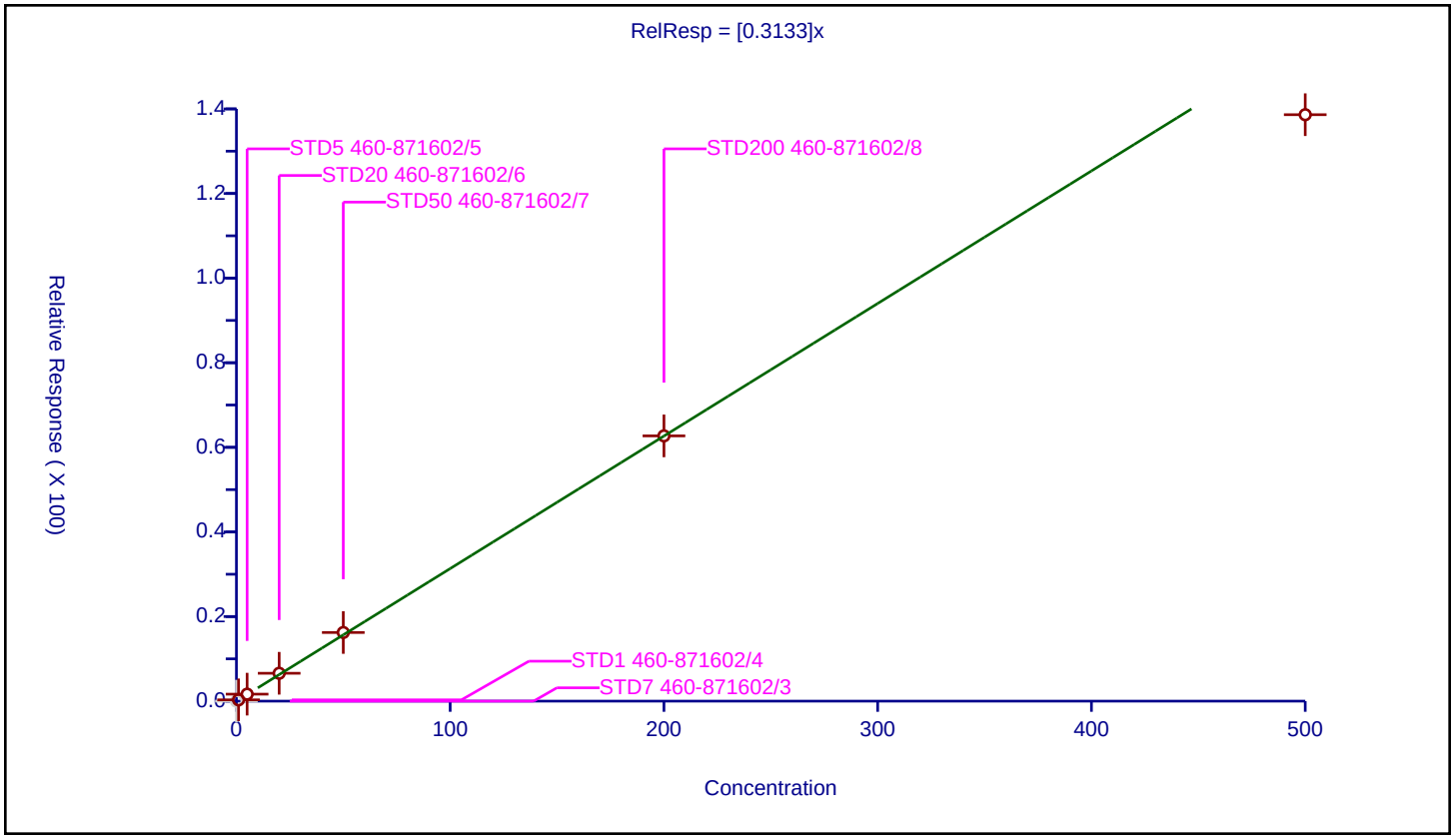
Curve Coefficients

Intercept:	0
Slope:	0.3133

Error Coefficients

Standard Error:	670000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.305158	50.0	439281.0	0.305158	Y
3	STD5 460-871602/5	5.0	1.650796	50.0	453872.0	0.330159	Y
4	STD20 460-871602/6	20.0	6.588066	50.0	460431.0	0.329403	Y
5	STD50 460-871602/7	50.0	16.227843	50.0	468525.0	0.324557	Y
6	STD200 460-871602/8	200.0	62.70559	50.0	471631.0	0.313528	Y
7	STD500 460-871602/9	500.0	138.625347	50.0	493259.0	0.277251	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

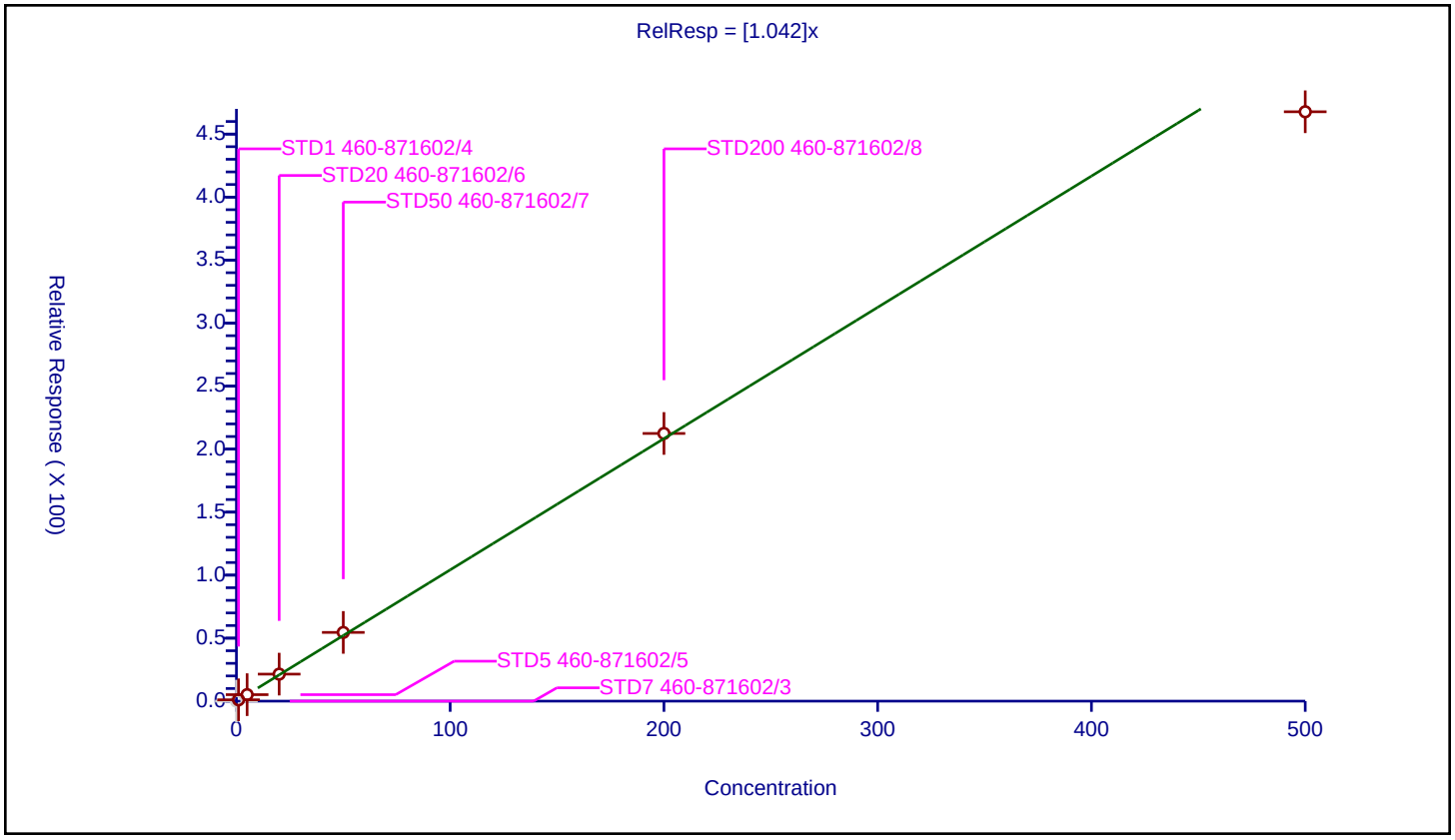
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Standard Error:	2260000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	1.06219	50.0	439281.0	1.06219	Y
3	STD5 460-871602/5	5.0	5.137131	50.0	453872.0	1.027426	Y
4	STD20 460-871602/6	20.0	21.446645	50.0	460431.0	1.072332	Y
5	STD50 460-871602/7	50.0	54.531775	50.0	468525.0	1.090636	Y
6	STD200 460-871602/8	200.0	212.432283	50.0	471631.0	1.062161	Y
7	STD500 460-871602/9	500.0	467.719291	50.0	493259.0	0.935439	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

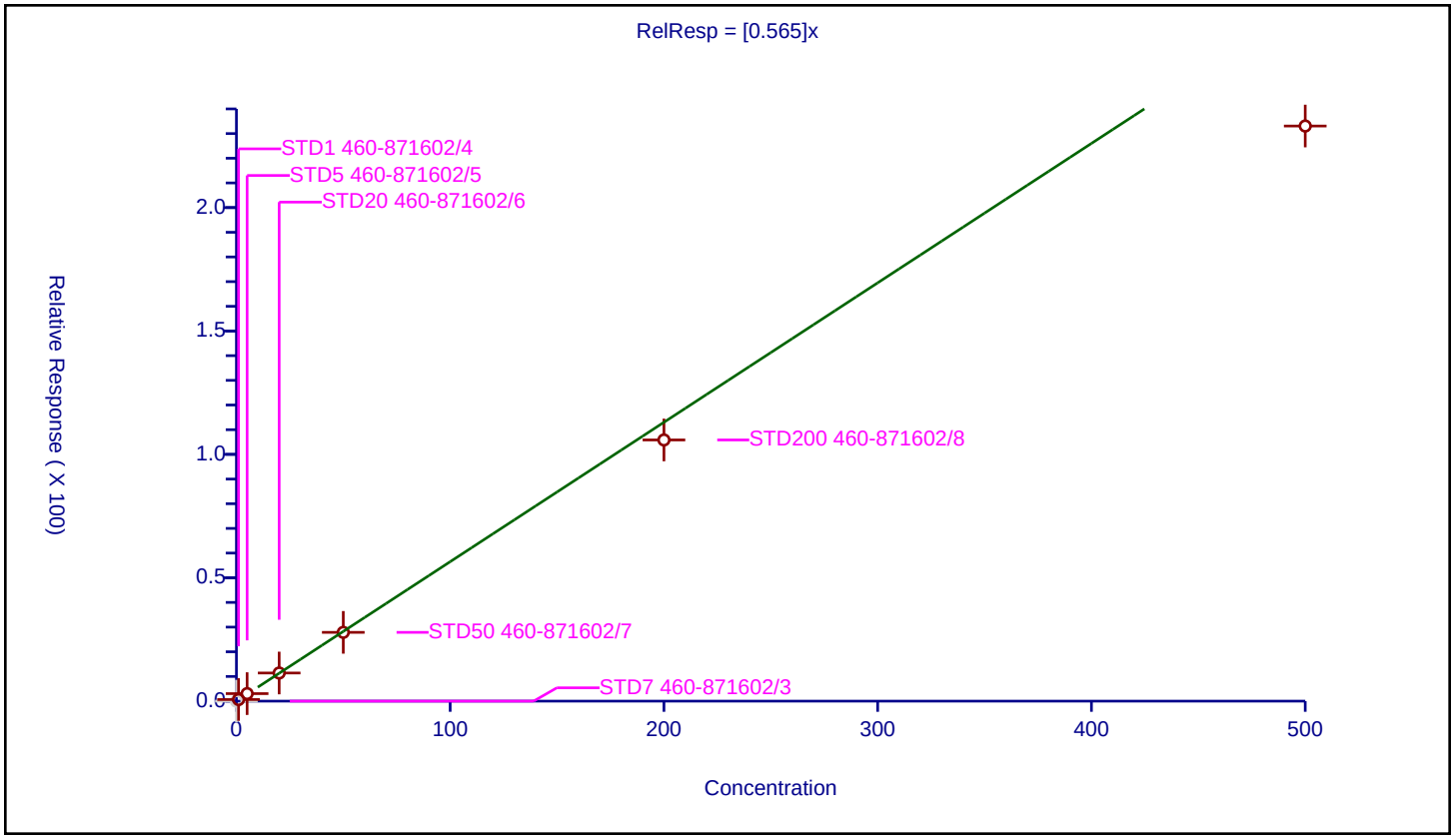
Curve Coefficients

Intercept:	0
Slope:	0.565

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	11.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.658007	50.0	439281.0	0.658007	Y
3	STD5 460-871602/5	5.0	3.047225	50.0	453872.0	0.609445	Y
4	STD20 460-871602/6	20.0	11.398885	50.0	460431.0	0.569944	Y
5	STD50 460-871602/7	50.0	27.874927	50.0	468525.0	0.557499	Y
6	STD200 460-871602/8	200.0	105.840795	50.0	471631.0	0.529204	Y
7	STD500 460-871602/9	500.0	233.059711	50.0	493259.0	0.466119	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

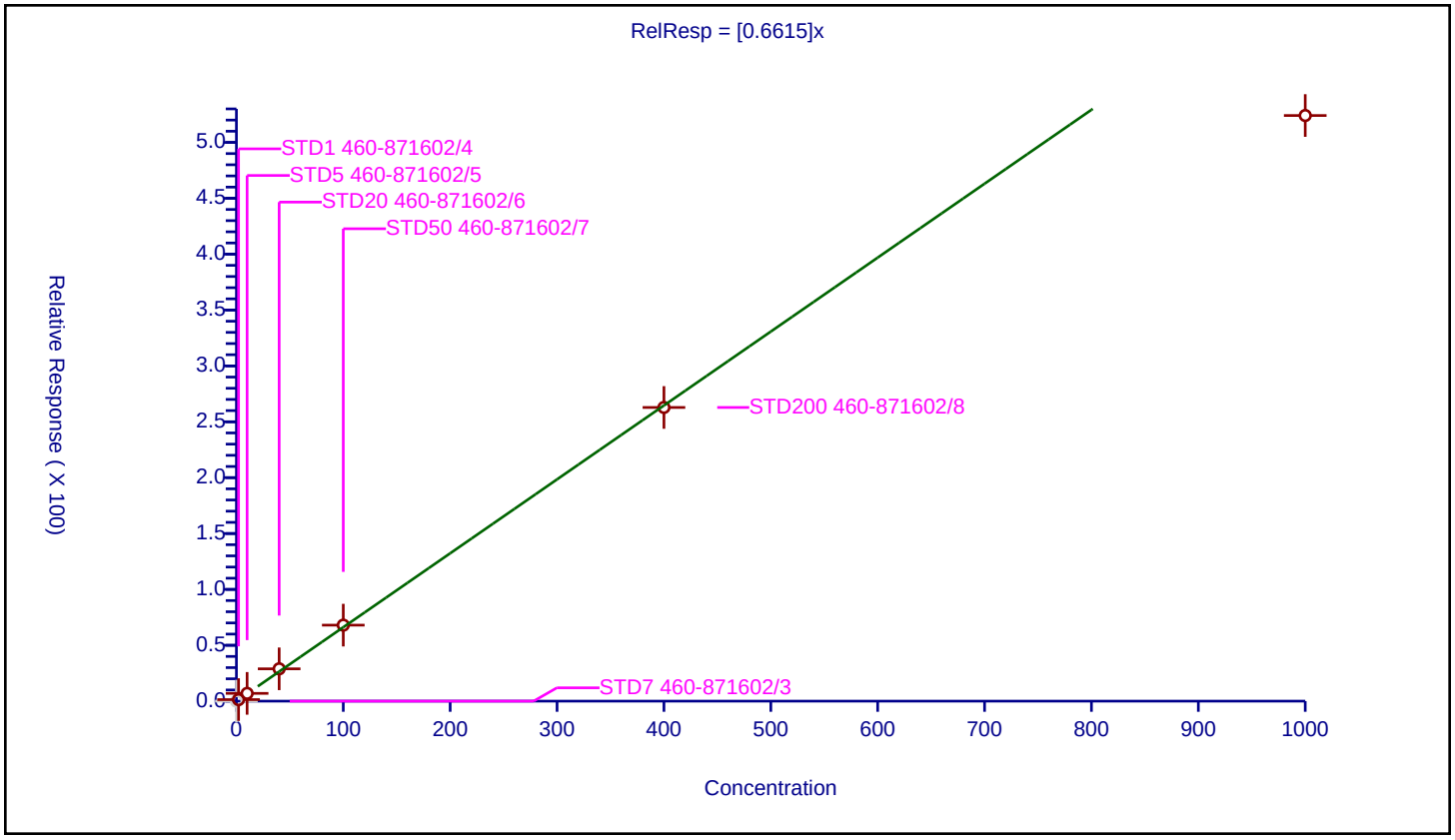
Curve Coefficients

Intercept:	0
Slope:	0.6615

Error Coefficients

Standard Error:	2580000
Relative Standard Error:	10.7
Correlation Coefficient:	0.994
Coefficient of Determination (Adjusted):	0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	2.0	1.381121	50.0	439281.0	0.69056	Y
3	STD5 460-871602/5	10.0	6.939512	50.0	453872.0	0.693951	Y
4	STD20 460-871602/6	40.0	28.931154	50.0	460431.0	0.723279	Y
5	STD50 460-871602/7	100.0	68.006083	50.0	468525.0	0.680061	Y
6	STD200 460-871602/8	400.0	262.82157	50.0	471631.0	0.657054	Y
7	STD500 460-871602/9	1000.0	524.059673	50.0	493259.0	0.52406	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

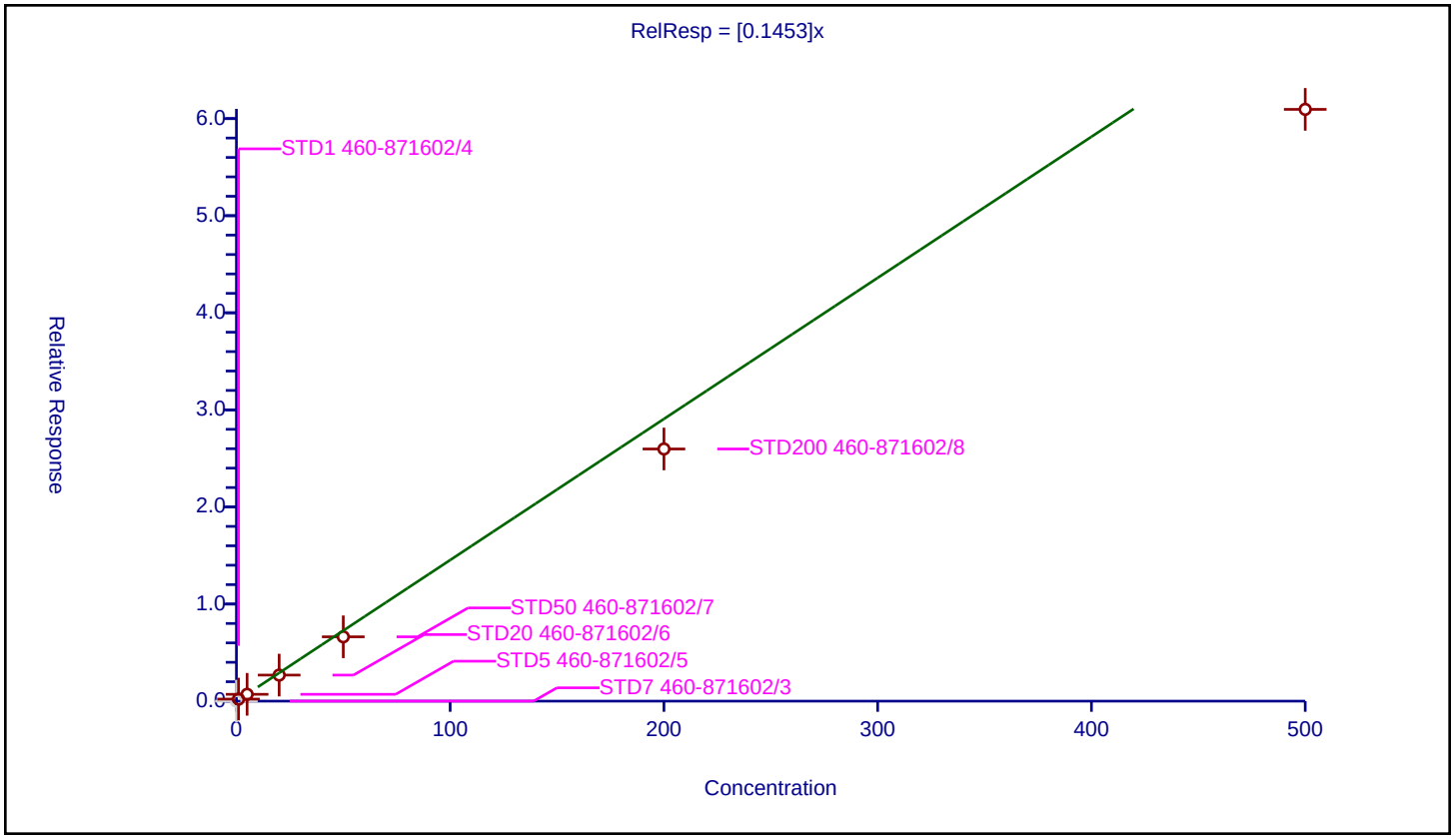
Curve Coefficients

Intercept:	0
Slope:	0.1453

Error Coefficients

Standard Error:	292000
Relative Standard Error:	23.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.922

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.212734	50.0	439281.0	0.212734	Y
3	STD5 460-871602/5	5.0	0.704163	50.0	453872.0	0.140833	Y
4	STD20 460-871602/6	20.0	2.682921	50.0	460431.0	0.134146	Y
5	STD50 460-871602/7	50.0	6.625153	50.0	468525.0	0.132503	Y
6	STD200 460-871602/8	200.0	25.971363	50.0	471631.0	0.129857	Y
7	STD500 460-871602/9	500.0	60.950839	50.0	493259.0	0.121902	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

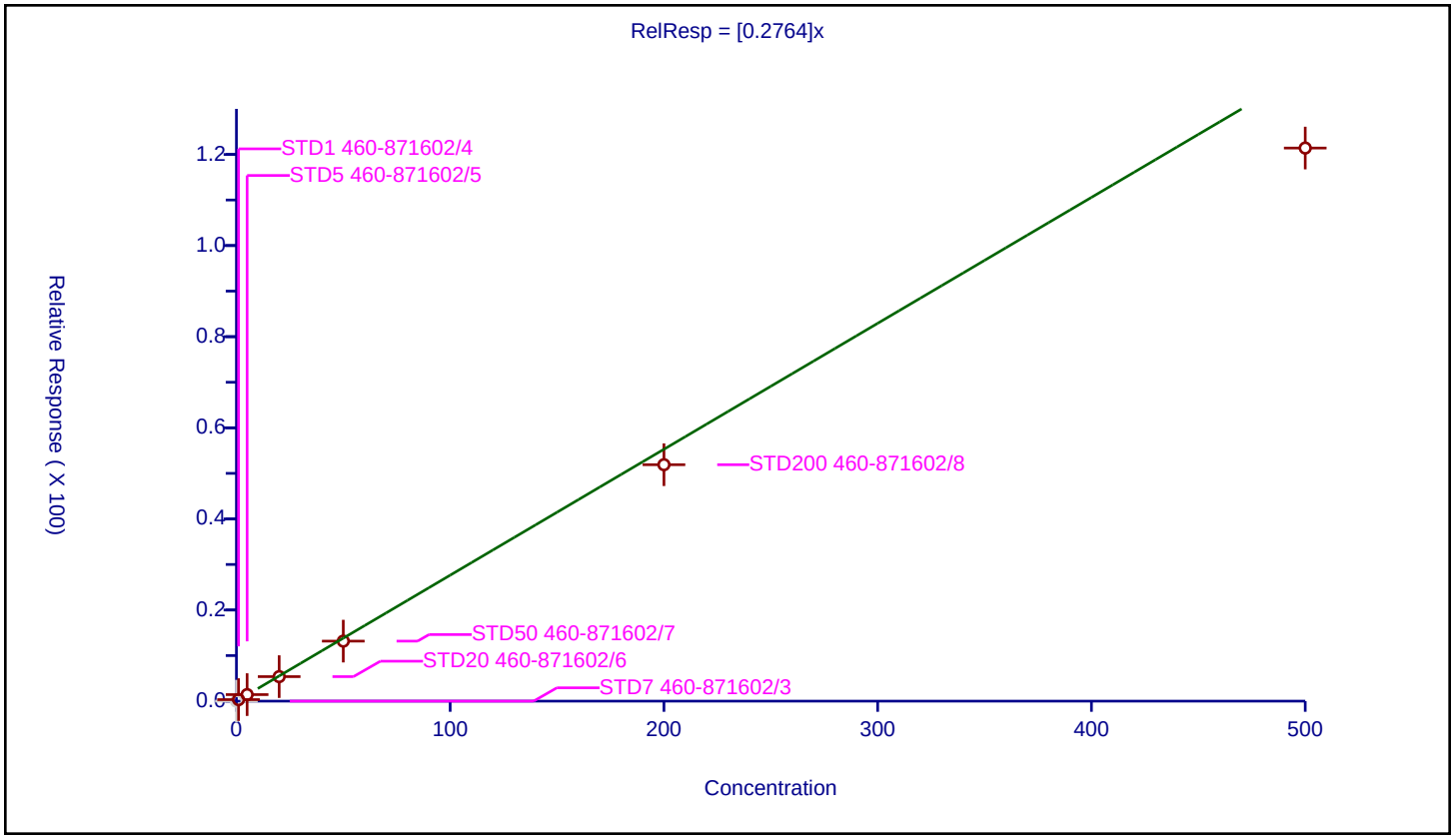
Curve Coefficients

Intercept:	0
Slope:	0.2764

Error Coefficients

Standard Error:	582000
Relative Standard Error:	11.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.337256	50.0	439281.0	0.337256	Y
3	STD5 460-871602/5	5.0	1.432562	50.0	453872.0	0.286512	Y
4	STD20 460-871602/6	20.0	5.380611	50.0	460431.0	0.269031	Y
5	STD50 460-871602/7	50.0	13.175498	50.0	468525.0	0.26351	Y
6	STD200 460-871602/8	200.0	51.90032	50.0	471631.0	0.259502	Y
7	STD500 460-871602/9	500.0	121.408327	50.0	493259.0	0.242817	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

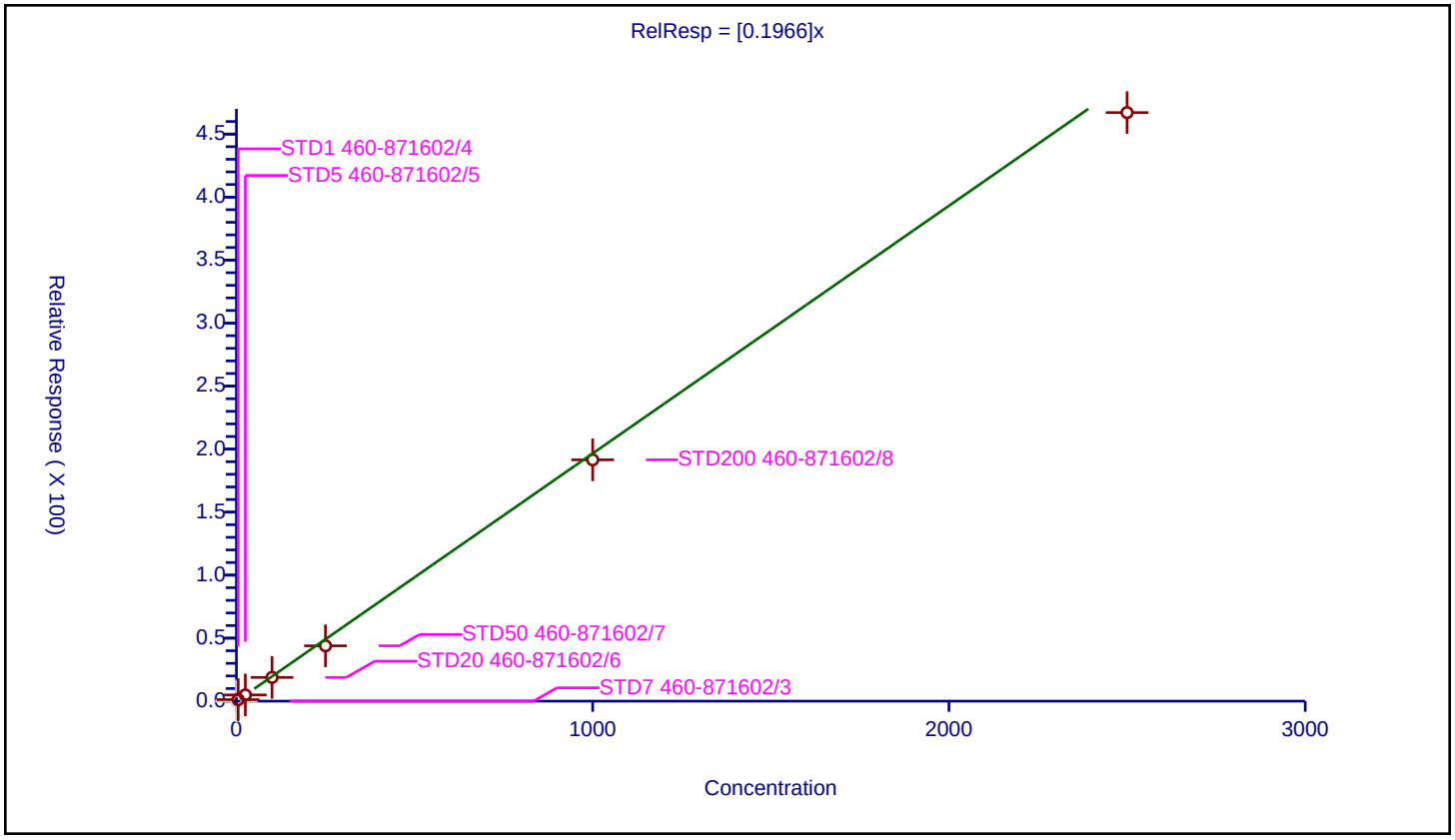
Curve Coefficients

Intercept:	0
Slope:	0.1966

Error Coefficients

Standard Error:	282000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	5.0	1.198349	250.0	261610.0	0.23967	Y
3	STD5 460-871602/5	25.0	4.937263	250.0	270494.0	0.197491	Y
4	STD20 460-871602/6	100.0	18.819975	250.0	285282.0	0.1882	Y
5	STD50 460-871602/7	250.0	43.911295	250.0	308867.0	0.175645	Y
6	STD200 460-871602/8	1000.0	191.509527	250.0	314688.0	0.19151	Y
7	STD500 460-871602/9	2500.0	467.065955	250.0	309968.0	0.186826	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

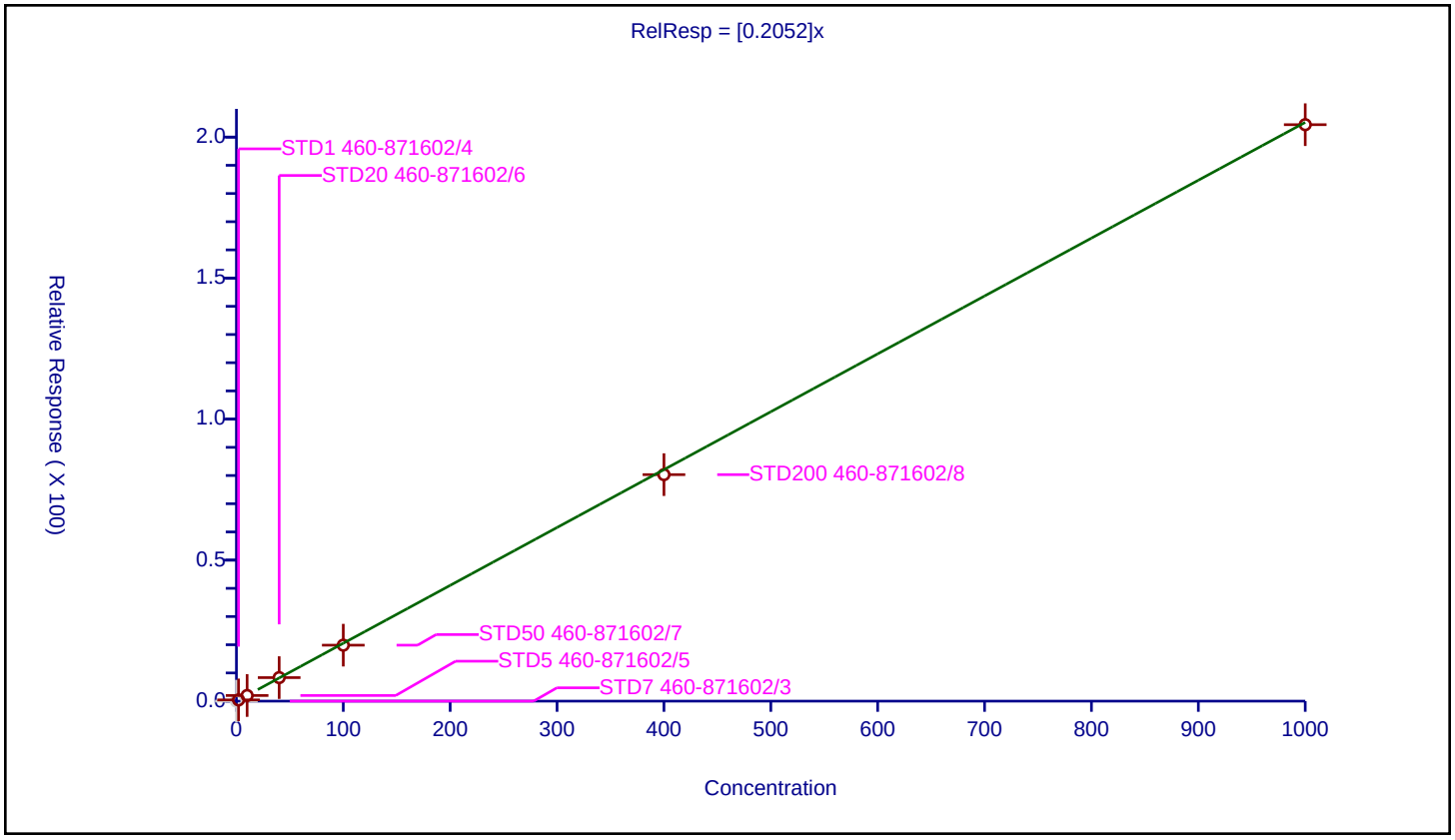
Curve Coefficients

Intercept:	0
Slope:	0.2052

Error Coefficients

Standard Error:	122000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	2.0	0.439586	250.0	261610.0	0.219793	Y
3	STD5 460-871602/5	10.0	1.993575	250.0	270494.0	0.199357	Y
4	STD20 460-871602/6	40.0	8.339117	250.0	285282.0	0.208478	Y
5	STD50 460-871602/7	100.0	19.849968	250.0	308867.0	0.1985	Y
6	STD200 460-871602/8	400.0	80.312087	250.0	314688.0	0.20078	Y
7	STD500 460-871602/9	1000.0	204.403358	250.0	309968.0	0.204403	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

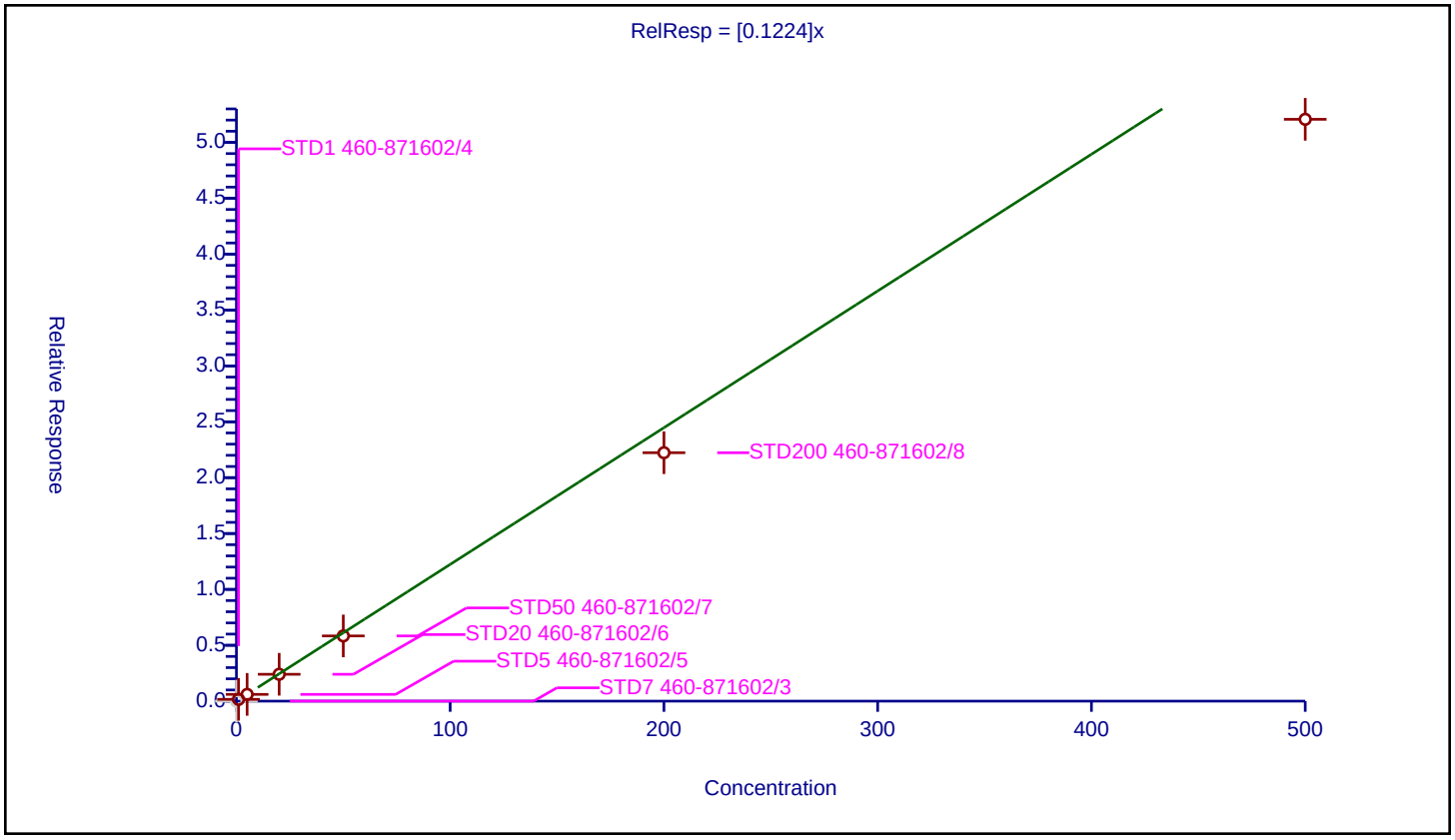
Curve Coefficients

Intercept:	0
Slope:	0.1224

Error Coefficients

Standard Error:	250000
Relative Standard Error:	16.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.964

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.161059	50.0	439281.0	0.161059	Y
3	STD5 460-871602/5	5.0	0.604245	50.0	453872.0	0.120849	Y
4	STD20 460-871602/6	20.0	2.404052	50.0	460431.0	0.120203	Y
5	STD50 460-871602/7	50.0	5.835548	50.0	468525.0	0.116711	Y
6	STD200 460-871602/8	200.0	22.231469	50.0	471631.0	0.111157	Y
7	STD500 460-871602/9	500.0	52.067271	50.0	493259.0	0.104135	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

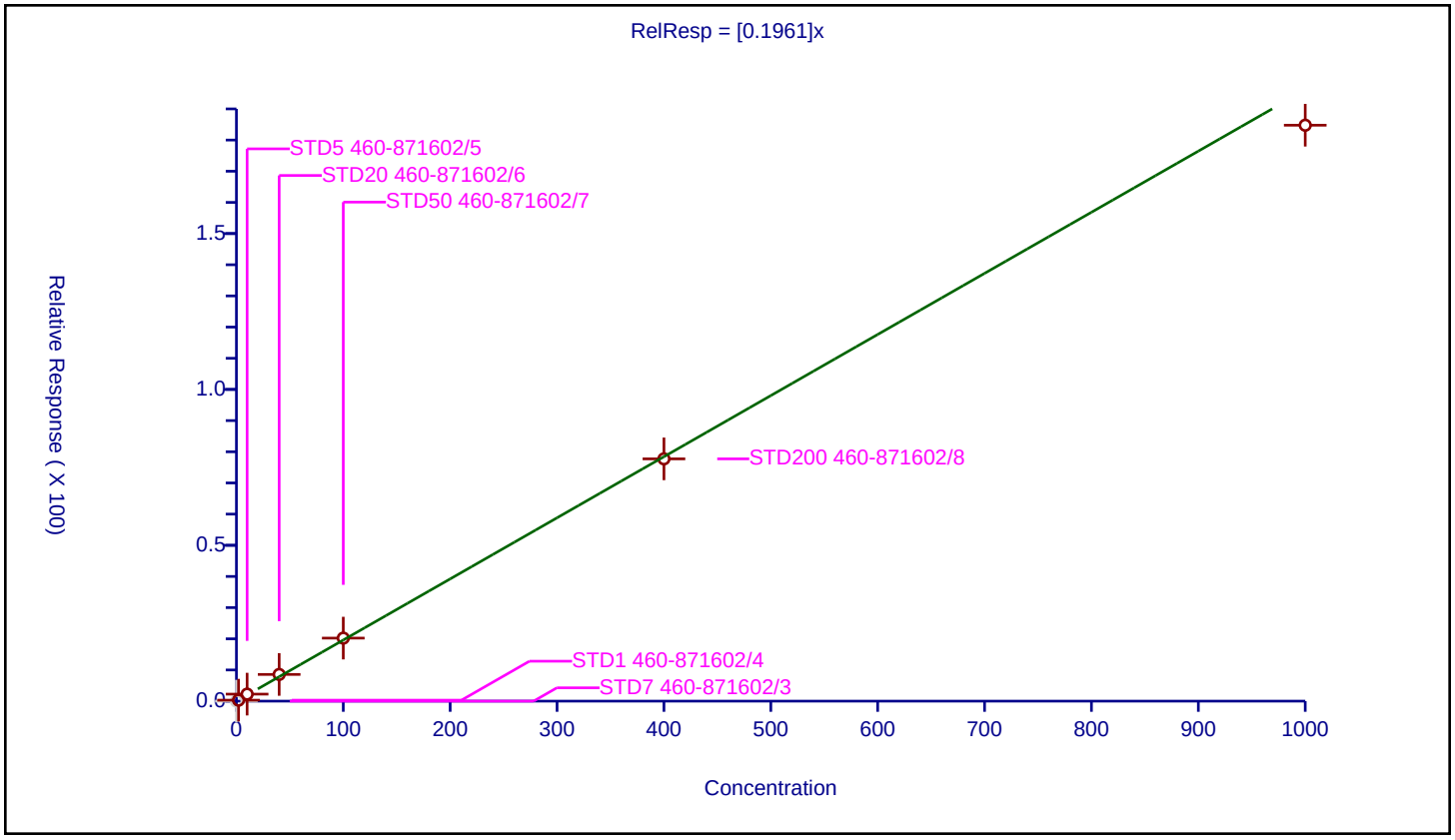
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Standard Error:	112000
Relative Standard Error:	12.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	2.0	0.311532	250.0	261610.0	0.155766	Y
3	STD5 460-871602/5	10.0	2.25236	250.0	270494.0	0.225236	Y
4	STD20 460-871602/6	40.0	8.56258	250.0	285282.0	0.214065	Y
5	STD50 460-871602/7	100.0	20.21744	250.0	308867.0	0.202174	Y
6	STD200 460-871602/8	400.0	77.727781	250.0	314688.0	0.194319	Y
7	STD500 460-871602/9	1000.0	184.761008	250.0	309968.0	0.184761	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

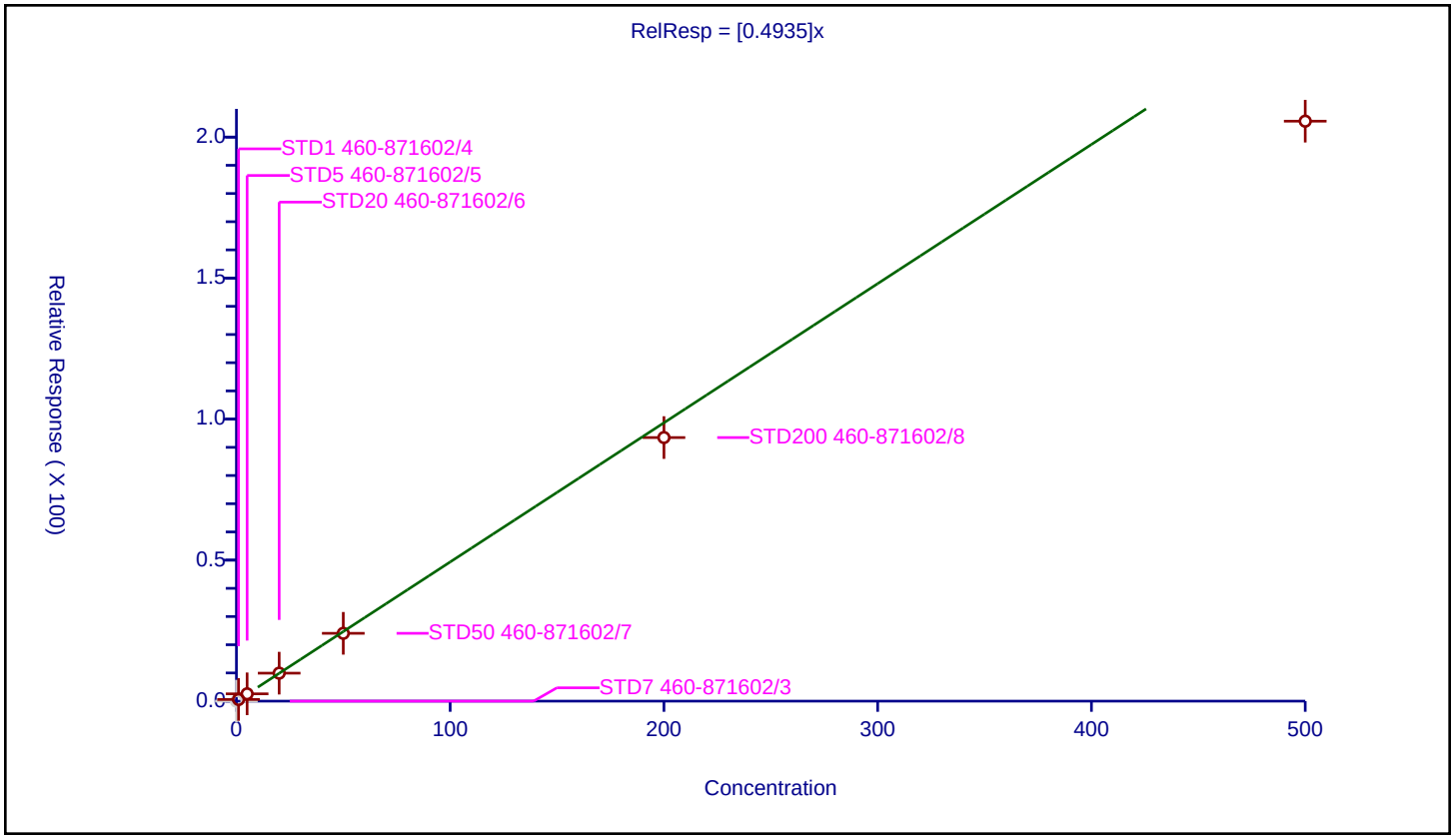
Curve Coefficients

Intercept:	0
Slope:	0.4935

Error Coefficients

Standard Error:	995000
Relative Standard Error:	11.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.58721	50.0	439281.0	0.58721	Y
3	STD5 460-871602/5	5.0	2.589937	50.0	453872.0	0.517987	Y
4	STD20 460-871602/6	20.0	9.922225	50.0	460431.0	0.496111	Y
5	STD50 460-871602/7	50.0	24.046849	50.0	468525.0	0.480937	Y
6	STD200 460-871602/8	200.0	93.461414	50.0	471631.0	0.467307	Y
7	STD500 460-871602/9	500.0	205.64602	50.0	493259.0	0.411292	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

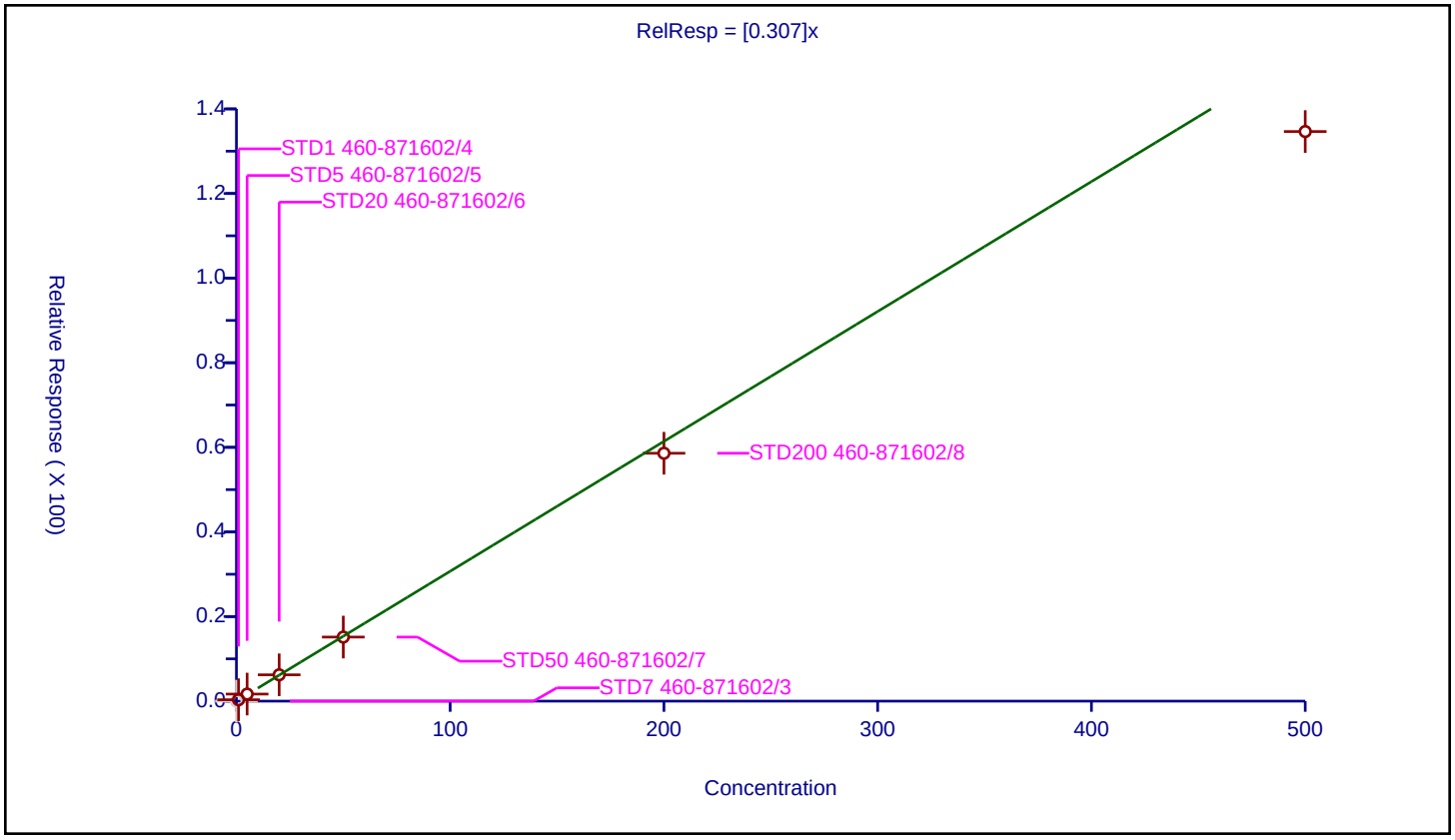
Curve Coefficients

Intercept:	0
Slope:	0.307

Error Coefficients

Standard Error:	647000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.331337	50.0	439281.0	0.331337	Y
3	STD5 460-871602/5	5.0	1.672388	50.0	453872.0	0.334478	Y
4	STD20 460-871602/6	20.0	6.223517	50.0	460431.0	0.311176	Y
5	STD50 460-871602/7	50.0	15.146684	50.0	468525.0	0.302934	Y
6	STD200 460-871602/8	200.0	58.599626	50.0	471631.0	0.292998	Y
7	STD500 460-871602/9	500.0	134.648126	50.0	493259.0	0.269296	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

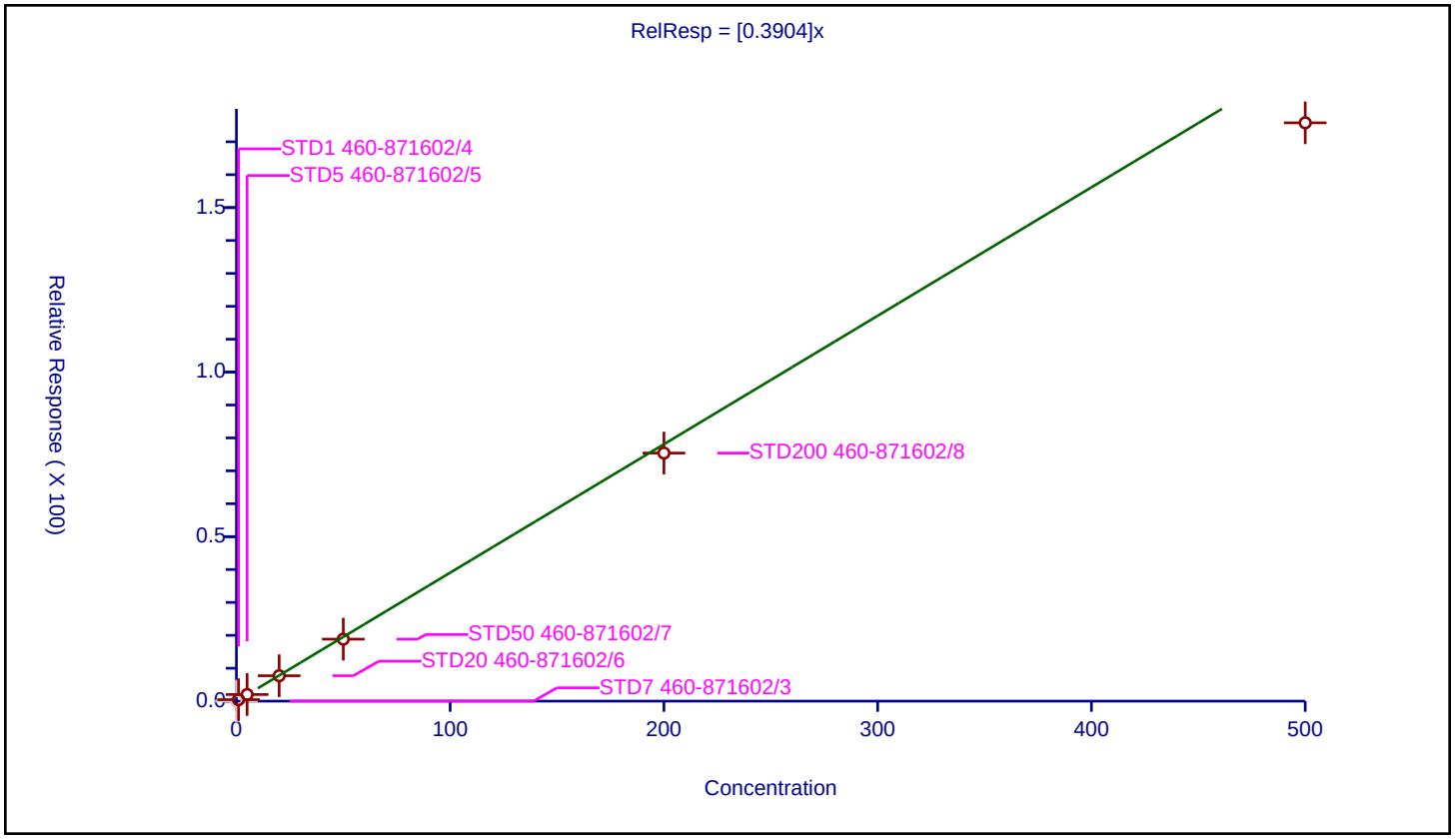
Curve Coefficients

Intercept:	0
Slope:	0.3904

Error Coefficients

Standard Error:	842000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.448688	50.0	439281.0	0.448688	Y
3	STD5 460-871602/5	5.0	2.012902	50.0	453872.0	0.40258	Y
4	STD20 460-871602/6	20.0	7.719941	50.0	460431.0	0.385997	Y
5	STD50 460-871602/7	50.0	18.838589	50.0	468525.0	0.376772	Y
6	STD200 460-871602/8	200.0	75.394005	50.0	471631.0	0.37697	Y
7	STD500 460-871602/9	500.0	175.763443	50.0	493259.0	0.351527	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

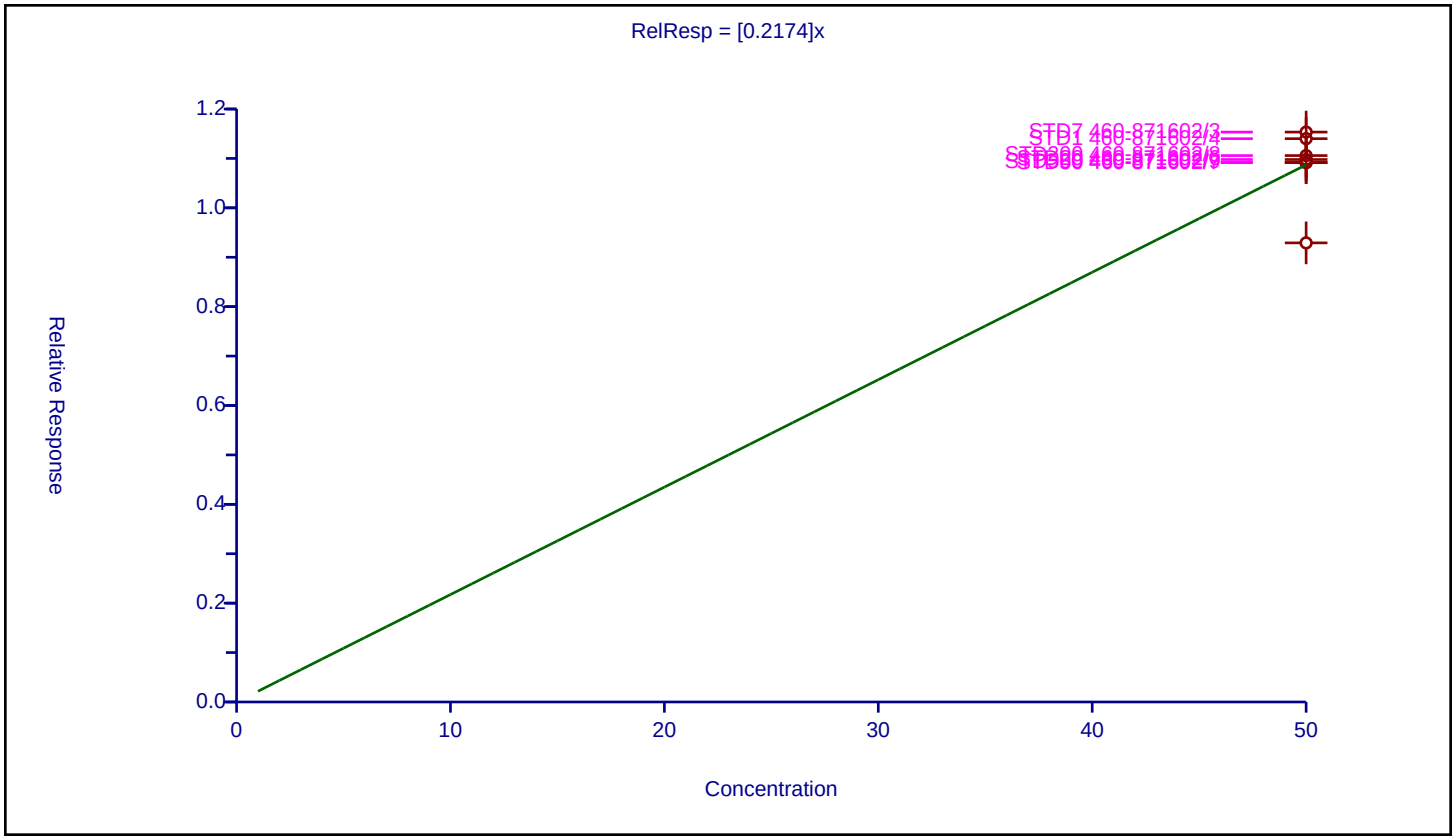
Curve Coefficients

Intercept:	0
Slope:	0.2174

Error Coefficients

Standard Error:	109000
Relative Standard Error:	6.8
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	50.0	11.533204	50.0	447005.0	0.230664	Y
2	STD1 460-871602/4	50.0	11.399651	50.0	439281.0	0.227993	Y
3	STD5 460-871602/5	50.0	9.290945	50.0	453872.0	0.185819	Y
4	STD20 460-871602/6	50.0	10.977649	50.0	460431.0	0.219553	Y
5	STD50 460-871602/7	50.0	10.913505	50.0	468525.0	0.21827	Y
6	STD200 460-871602/8	50.0	11.057691	50.0	471631.0	0.221154	Y
7	STD500 460-871602/9	50.0	10.919618	50.0	493259.0	0.218392	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

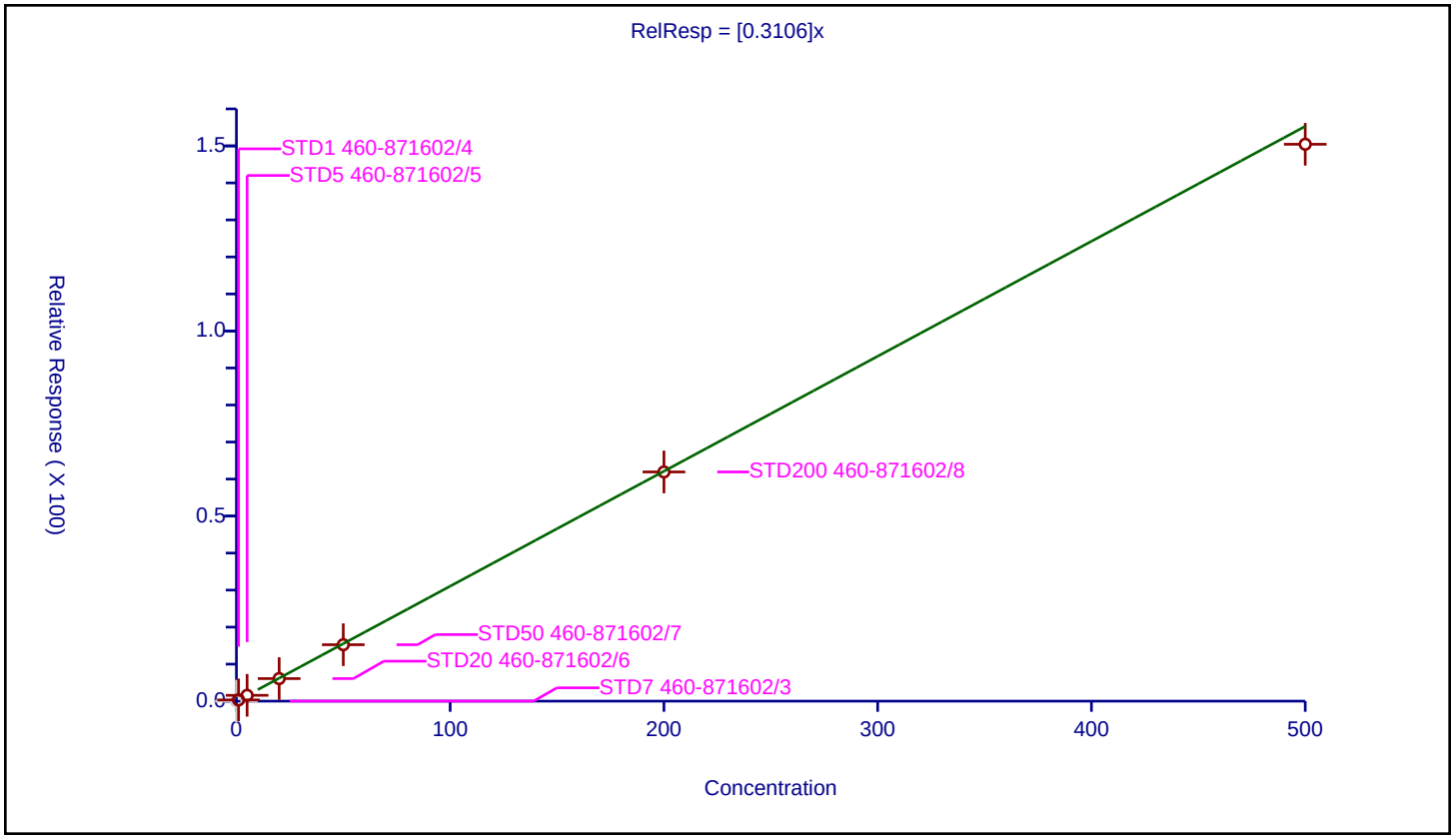
Curve Coefficients

Intercept:	0
Slope:	0.3106

Error Coefficients

Standard Error:	717000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.329174	50.0	439281.0	0.329174	Y
3	STD5 460-871602/5	5.0	1.571258	50.0	453872.0	0.314252	Y
4	STD20 460-871602/6	20.0	6.091466	50.0	460431.0	0.304573	Y
5	STD50 460-871602/7	50.0	15.246678	50.0	468525.0	0.304934	Y
6	STD200 460-871602/8	200.0	61.919806	50.0	471631.0	0.309599	Y
7	STD500 460-871602/9	500.0	150.446216	50.0	493259.0	0.300892	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

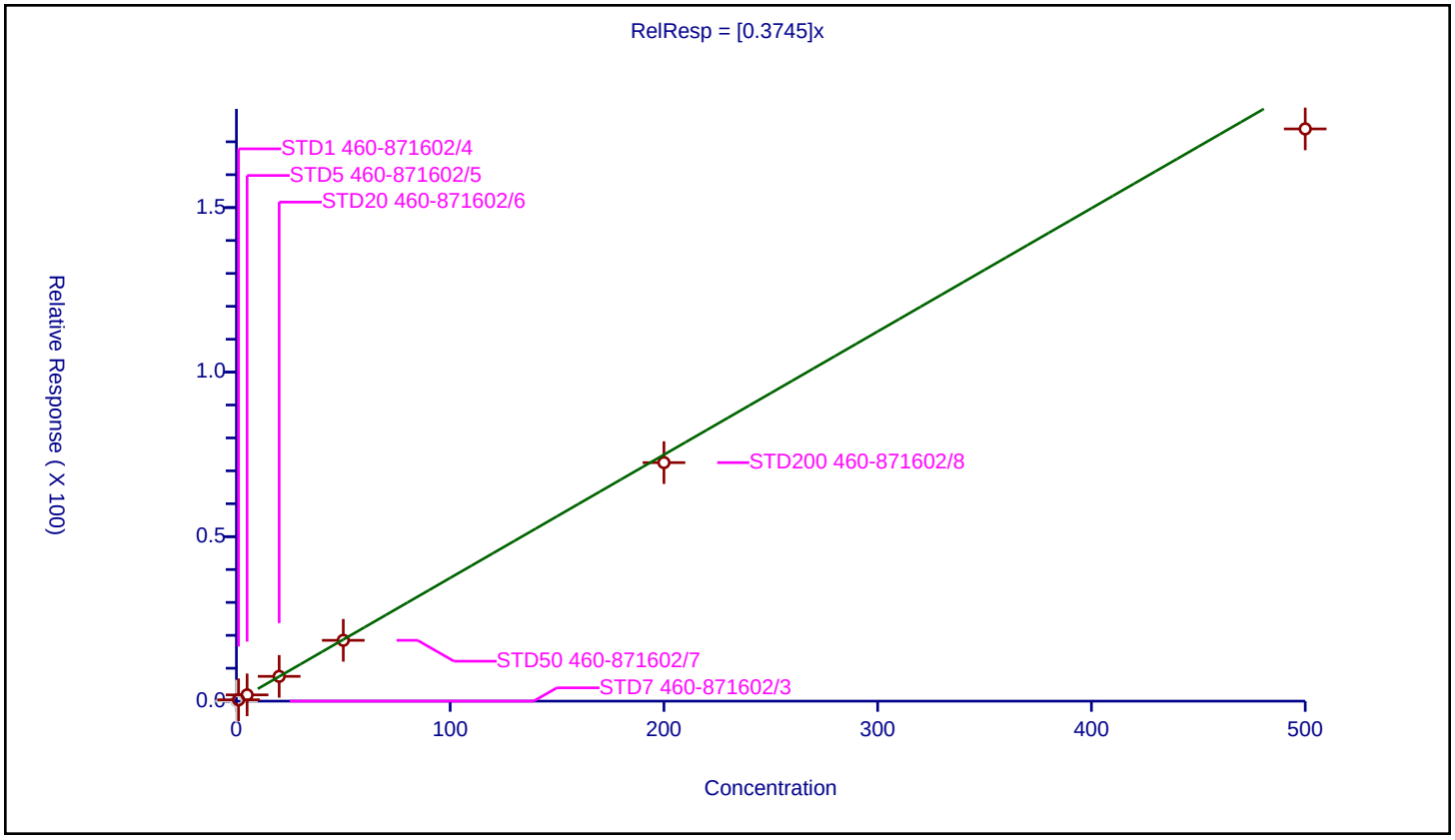
Curve Coefficients

Intercept:	0
Slope:	0.3745

Error Coefficients

Standard Error:	830000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.409533	50.0	439281.0	0.409533	Y
3	STD5 460-871602/5	5.0	1.90329	50.0	453872.0	0.380658	Y
4	STD20 460-871602/6	20.0	7.534028	50.0	460431.0	0.376701	Y
5	STD50 460-871602/7	50.0	18.487807	50.0	468525.0	0.369756	Y
6	STD200 460-871602/8	200.0	72.495871	50.0	471631.0	0.362479	Y
7	STD500 460-871602/9	500.0	173.914921	50.0	493259.0	0.34783	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

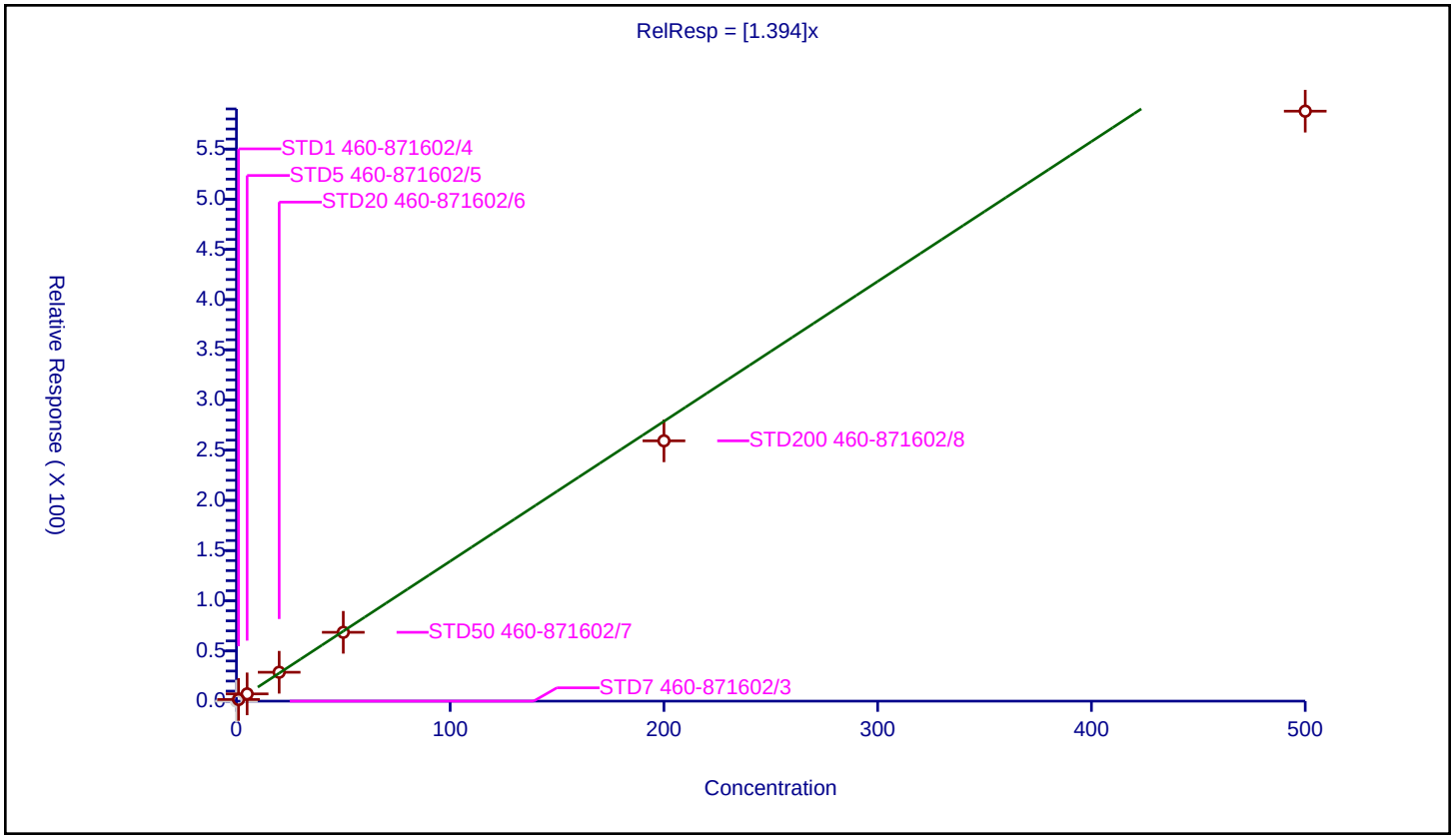
Curve Coefficients

Intercept:	0
Slope:	1.394

Error Coefficients

Standard Error:	2220000
Relative Standard Error:	11.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	1.634879	50.0	345836.0	1.634879	Y
3	STD5 460-871602/5	5.0	7.224721	50.0	343778.0	1.444944	Y
4	STD20 460-871602/6	20.0	28.776508	50.0	344187.0	1.438825	Y
5	STD50 460-871602/7	50.0	68.584559	50.0	359266.0	1.371691	Y
6	STD200 460-871602/8	200.0	259.325814	50.0	362022.0	1.296629	Y
7	STD500 460-871602/9	500.0	587.755371	50.0	387427.0	1.175511	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

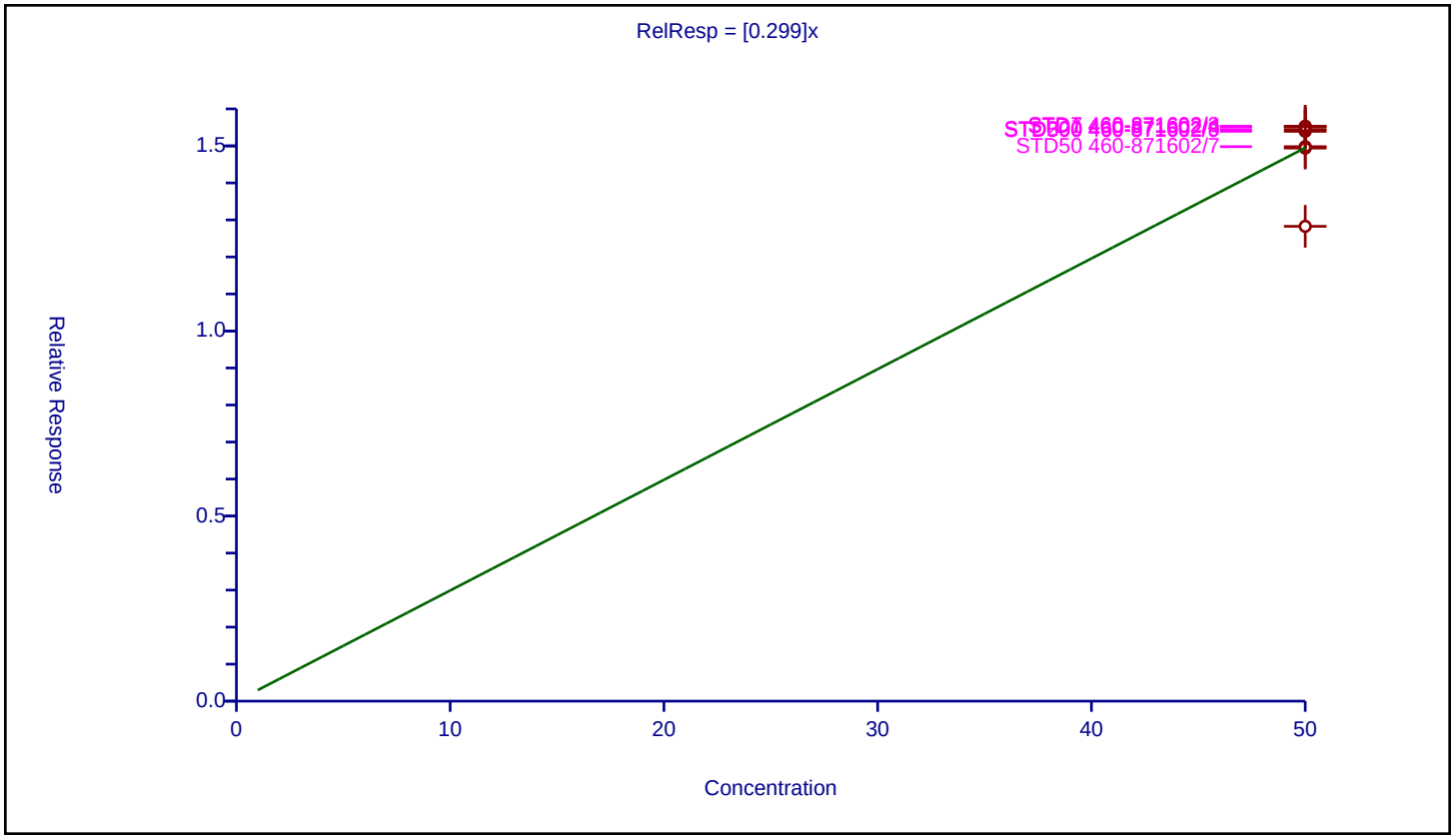
Curve Coefficients

Intercept:	0
Slope:	0.299

Error Coefficients

Standard Error:	150000
Relative Standard Error:	6.5
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0.000000000000000222

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	50.0	15.531482	50.0	447005.0	0.31063	Y
2	STD1 460-871602/4	50.0	15.518199	50.0	439281.0	0.310364	Y
3	STD5 460-871602/5	50.0	12.827295	50.0	453872.0	0.256546	Y
4	STD20 460-871602/6	50.0	14.940892	50.0	460431.0	0.298818	Y
5	STD50 460-871602/7	50.0	14.979457	50.0	468525.0	0.299589	Y
6	STD200 460-871602/8	50.0	15.442899	50.0	471631.0	0.308858	Y
7	STD500 460-871602/9	50.0	15.393536	50.0	493259.0	0.307871	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

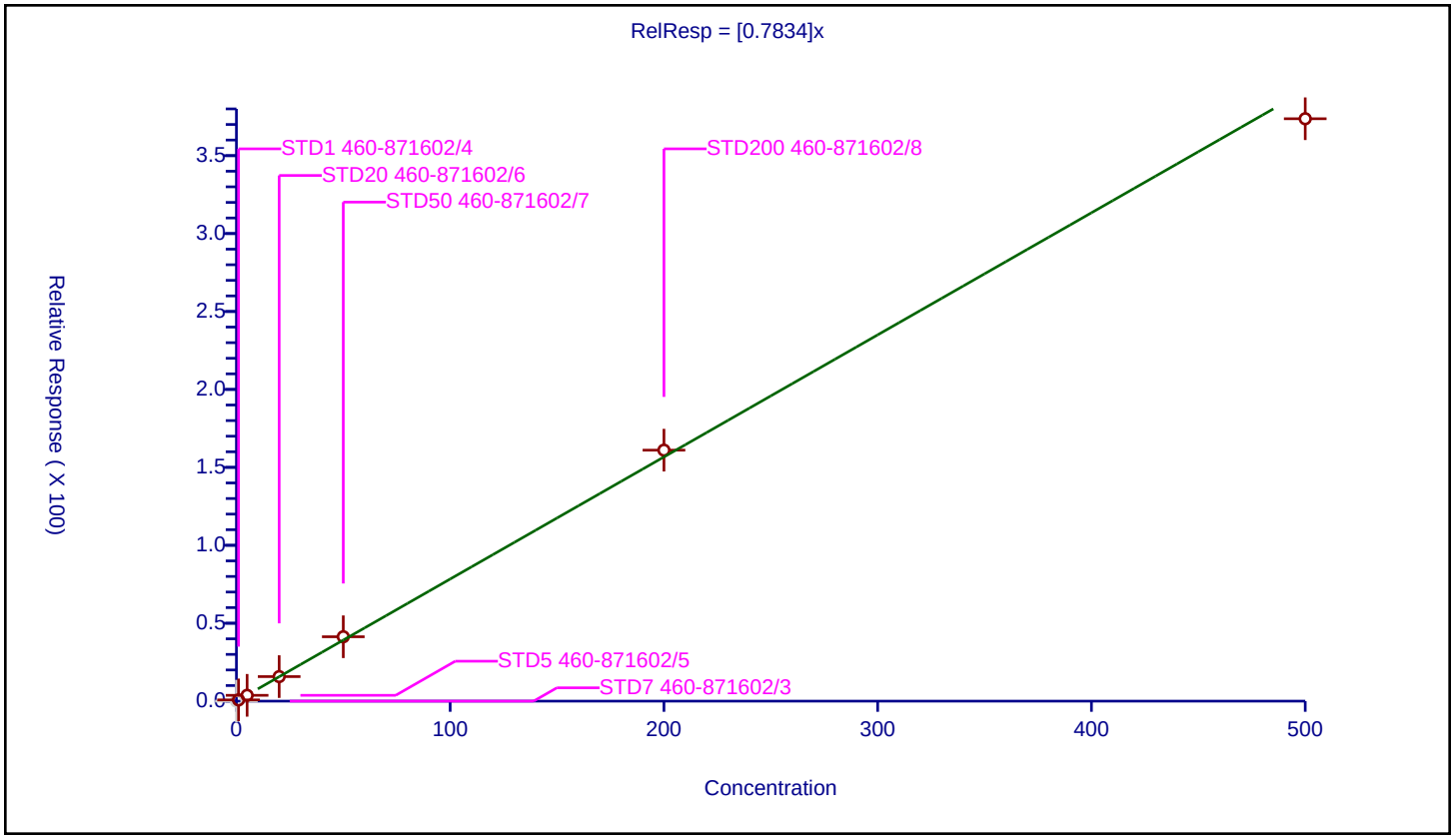
Curve Coefficients

Intercept:	0
Slope:	0.7834

Error Coefficients

Standard Error:	1790000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.788675	50.0	439281.0	0.788675	Y
3	STD5 460-871602/5	5.0	3.729245	50.0	453872.0	0.745849	Y
4	STD20 460-871602/6	20.0	15.741121	50.0	460431.0	0.787056	Y
5	STD50 460-871602/7	50.0	41.306761	50.0	468525.0	0.826135	Y
6	STD200 460-871602/8	200.0	161.030657	50.0	471631.0	0.805153	Y
7	STD500 460-871602/9	500.0	373.679852	50.0	493259.0	0.74736	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

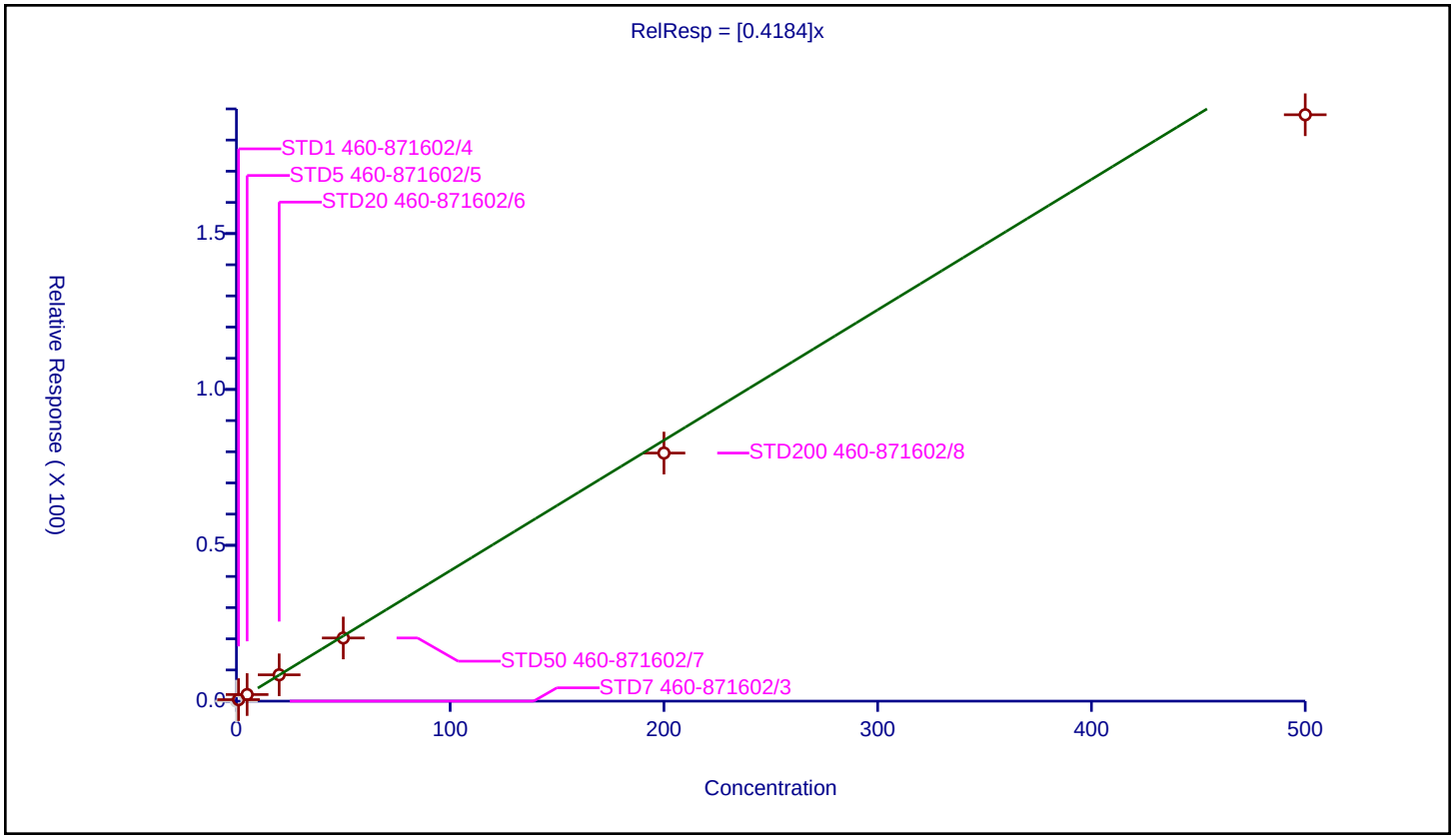
Curve Coefficients

Intercept:	0
Slope:	0.4184

Error Coefficients

Standard Error:	900000
Relative Standard Error:	8.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.485794	50.0	439281.0	0.485794	Y
3	STD5 460-871602/5	5.0	2.115024	50.0	453872.0	0.423005	Y
4	STD20 460-871602/6	20.0	8.445891	50.0	460431.0	0.422295	Y
5	STD50 460-871602/7	50.0	20.267328	50.0	468525.0	0.405347	Y
6	STD200 460-871602/8	200.0	79.591778	50.0	471631.0	0.397959	Y
7	STD500 460-871602/9	500.0	188.119933	50.0	493259.0	0.37624	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

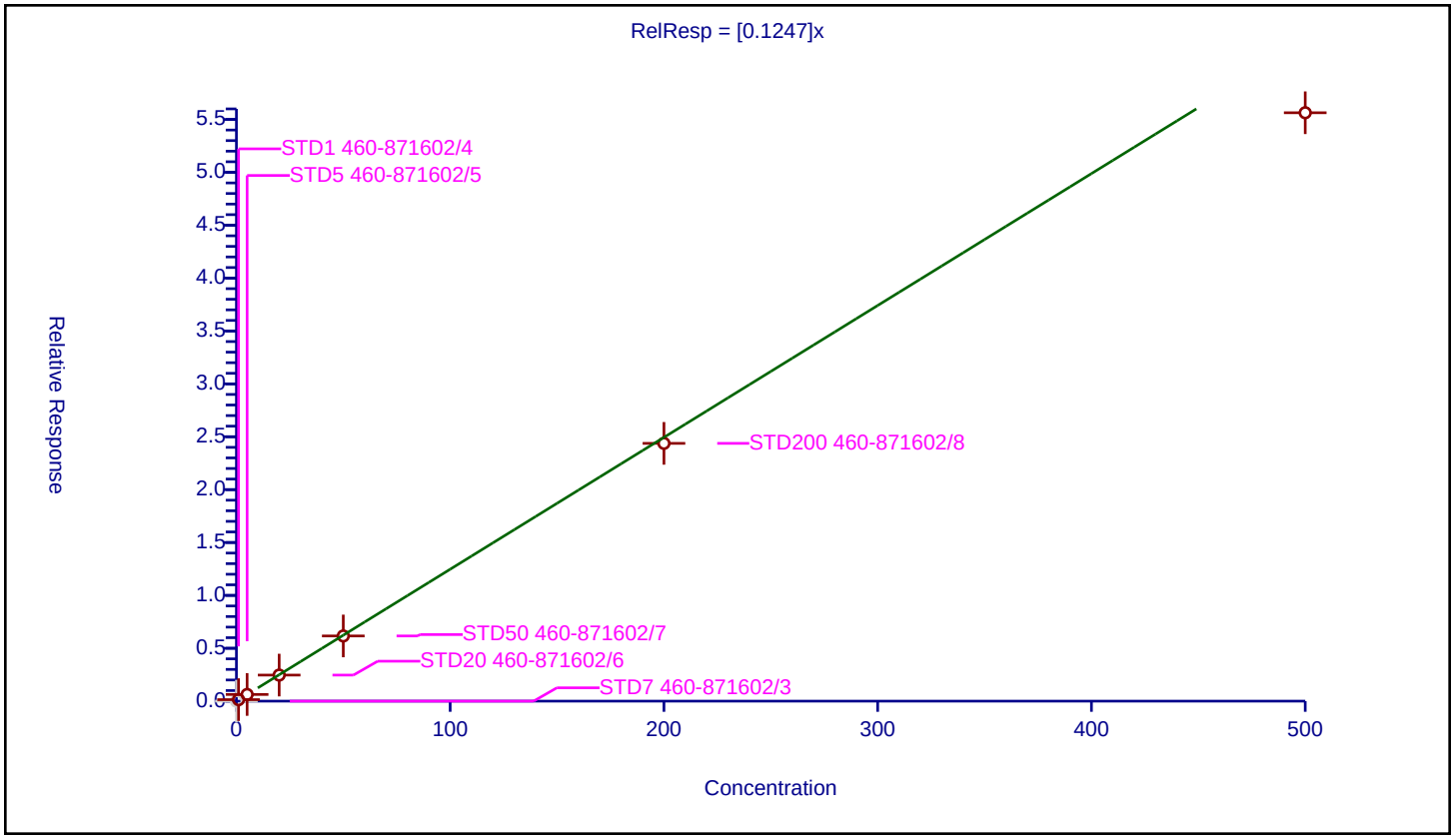
Curve Coefficients

Intercept:	0
Slope:	0.1247

Error Coefficients

Standard Error:	268000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.142506	50.0	439281.0	0.142506	Y
3	STD5 460-871602/5	5.0	0.630244	50.0	453872.0	0.126049	Y
4	STD20 460-871602/6	20.0	2.465082	50.0	460431.0	0.123254	Y
5	STD50 460-871602/7	50.0	6.163492	50.0	468525.0	0.12327	Y
6	STD200 460-871602/8	200.0	24.375306	50.0	471631.0	0.121877	Y
7	STD500 460-871602/9	500.0	55.634971	50.0	493259.0	0.11127	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

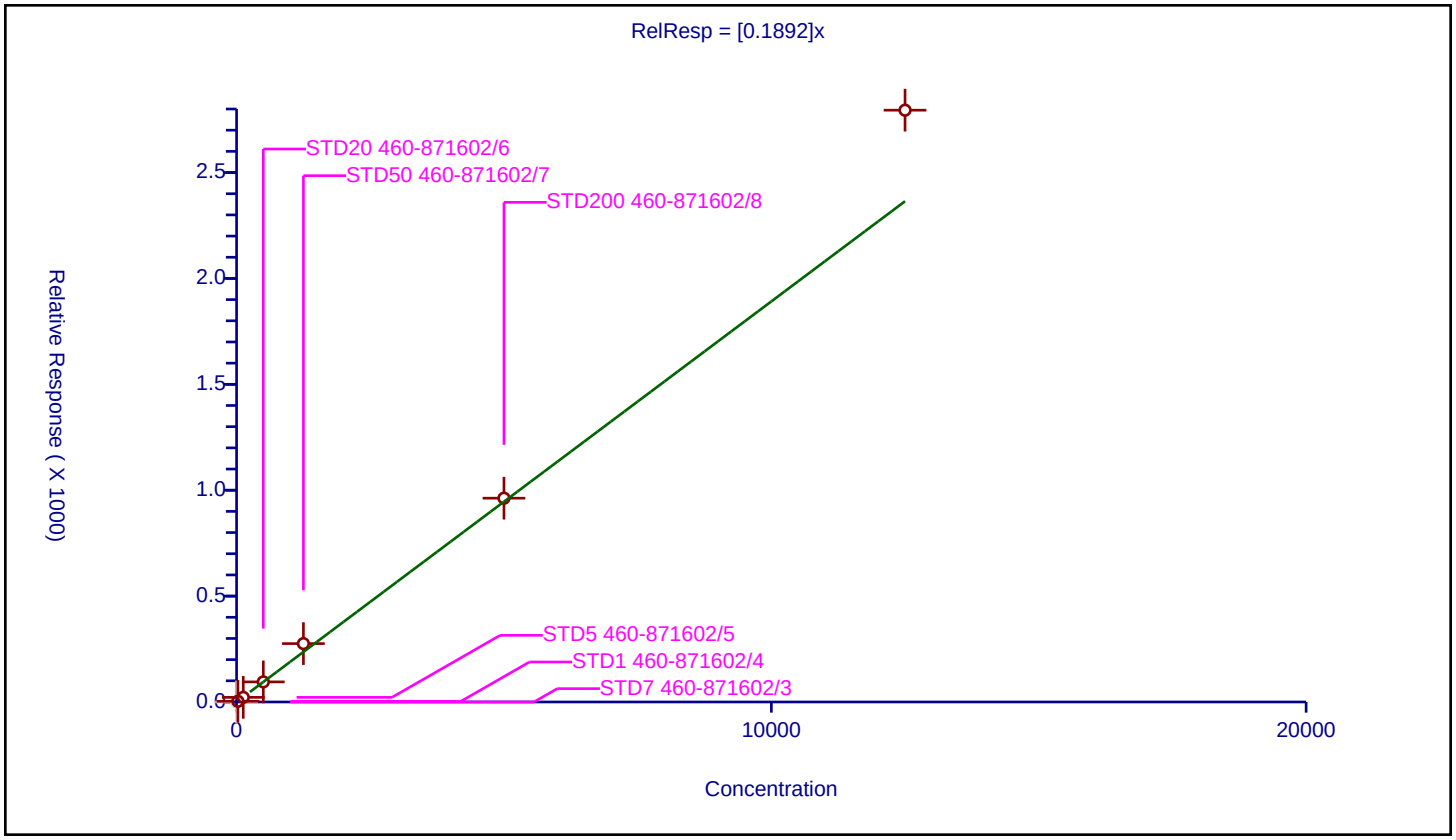
Curve Coefficients

Intercept:	0
Slope:	0.1892

Error Coefficients

Standard Error:	274000
Relative Standard Error:	17.4
Correlation Coefficient:	0.996
Coefficient of Determination (Adjusted):	0.971

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	177682.0	NaN	N
2	STD1 460-871602/4	25.0	3.348463	1000.0	174707.0	0.133939	Y
3	STD5 460-871602/5	125.0	21.826955	1000.0	176983.0	0.174616	Y
4	STD20 460-871602/6	500.0	94.893001	1000.0	181731.0	0.189786	Y
5	STD50 460-871602/7	1250.0	275.703183	1000.0	201619.0	0.220563	Y
6	STD200 460-871602/8	5000.0	962.306594	1000.0	204492.0	0.192461	Y
7	STD500 460-871602/9	12500.0	2794.459114	1000.0	207151.0	0.223557	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

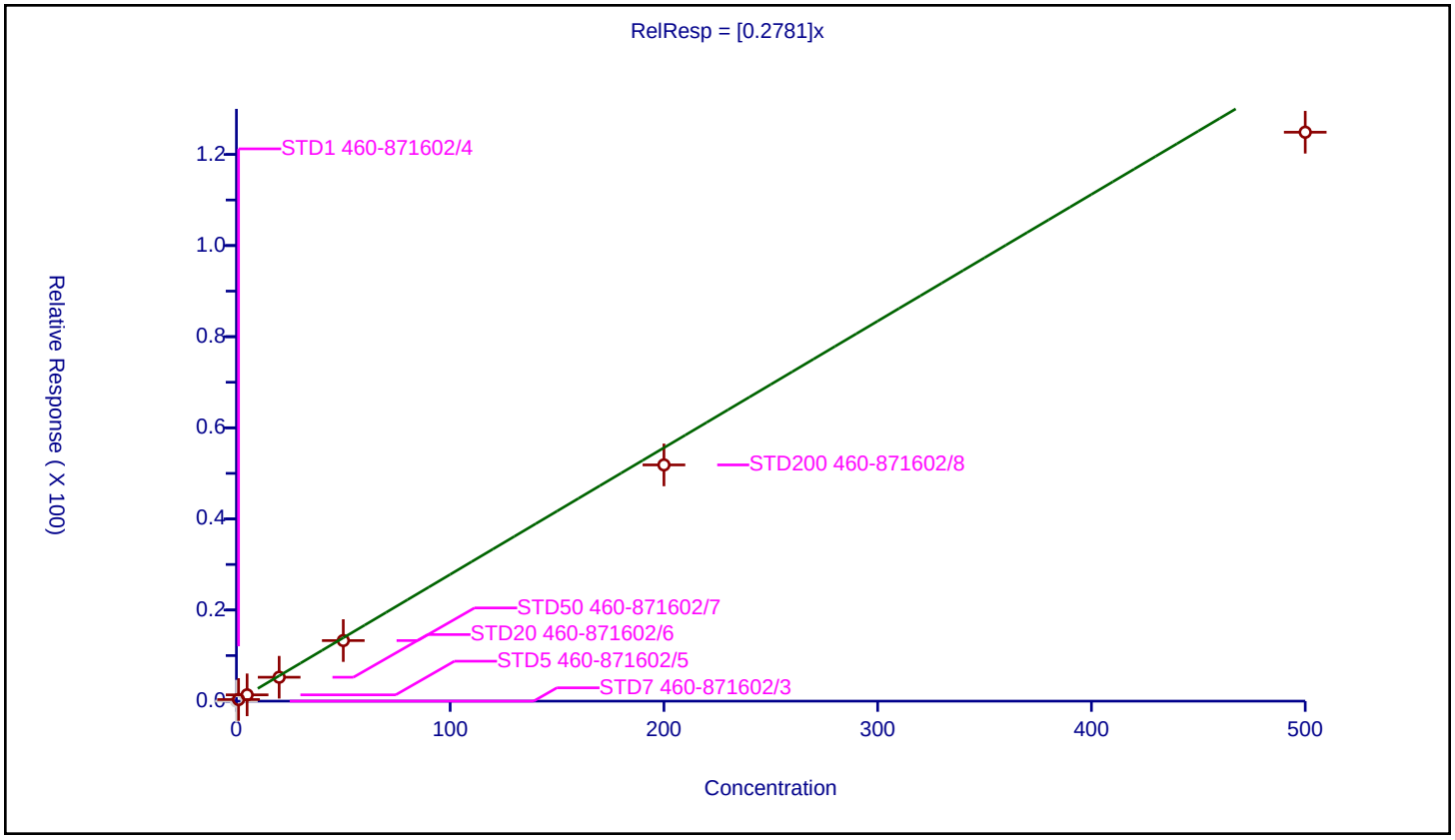
Curve Coefficients

Intercept:	0
Slope:	0.2781

Error Coefficients

Standard Error:	596000
Relative Standard Error:	13.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.354329	50.0	439281.0	0.354329	Y
3	STD5 460-871602/5	5.0	1.384421	50.0	453872.0	0.276884	Y
4	STD20 460-871602/6	20.0	5.246714	50.0	460431.0	0.262336	Y
5	STD50 460-871602/7	50.0	13.295235	50.0	468525.0	0.265905	Y
6	STD200 460-871602/8	200.0	51.851447	50.0	471631.0	0.259257	Y
7	STD500 460-871602/9	500.0	124.87983	50.0	493259.0	0.24976	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

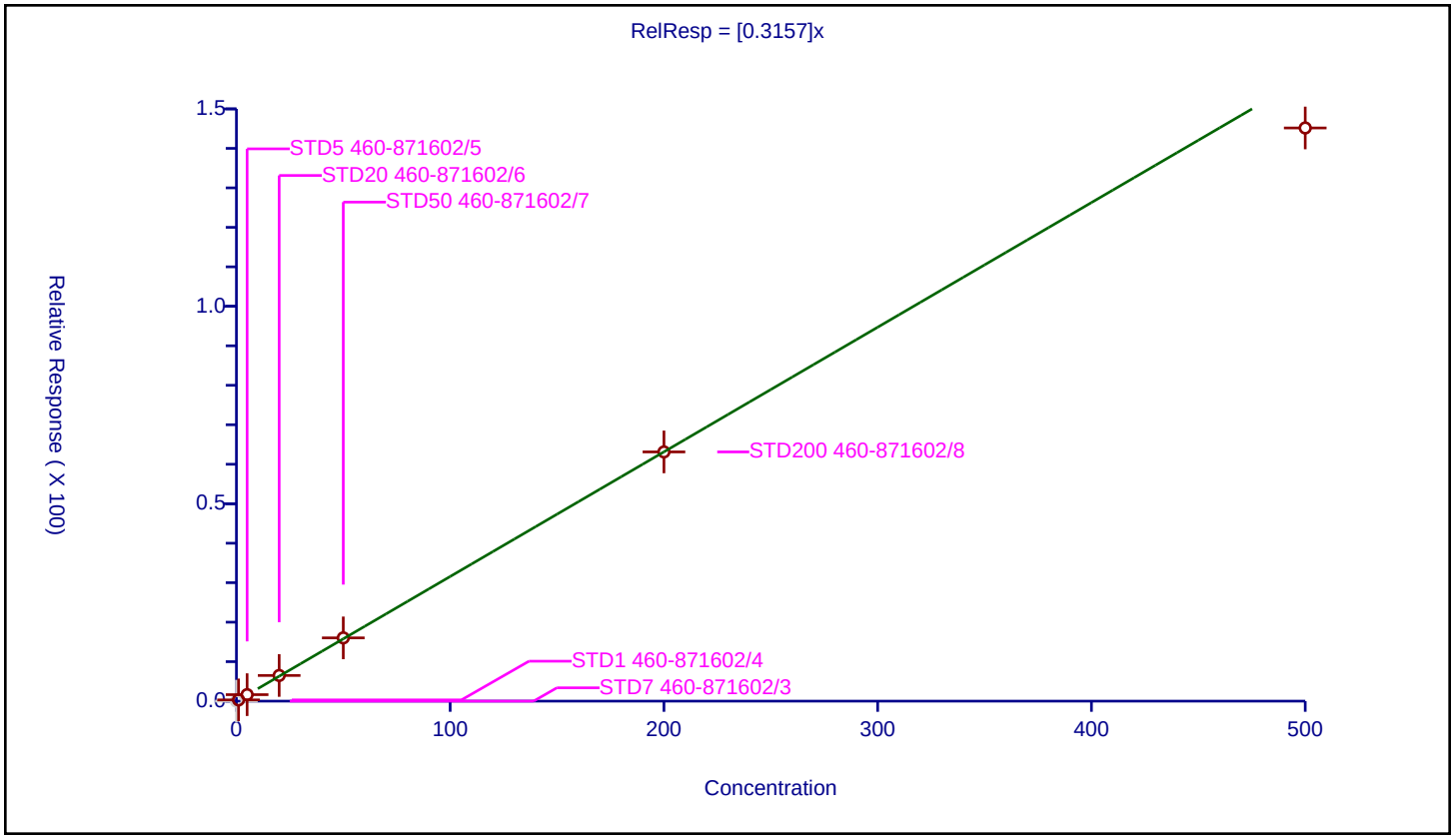
Curve Coefficients

Intercept:	0
Slope:	0.3157

Error Coefficients

Standard Error:	697000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.313922	50.0	439281.0	0.313922	Y
3	STD5 460-871602/5	5.0	1.644076	50.0	453872.0	0.328815	Y
4	STD20 460-871602/6	20.0	6.499997	50.0	460431.0	0.325	Y
5	STD50 460-871602/7	50.0	16.023371	50.0	468525.0	0.320467	Y
6	STD200 460-871602/8	200.0	63.120003	50.0	471631.0	0.3156	Y
7	STD500 460-871602/9	500.0	145.17059	50.0	493259.0	0.290341	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

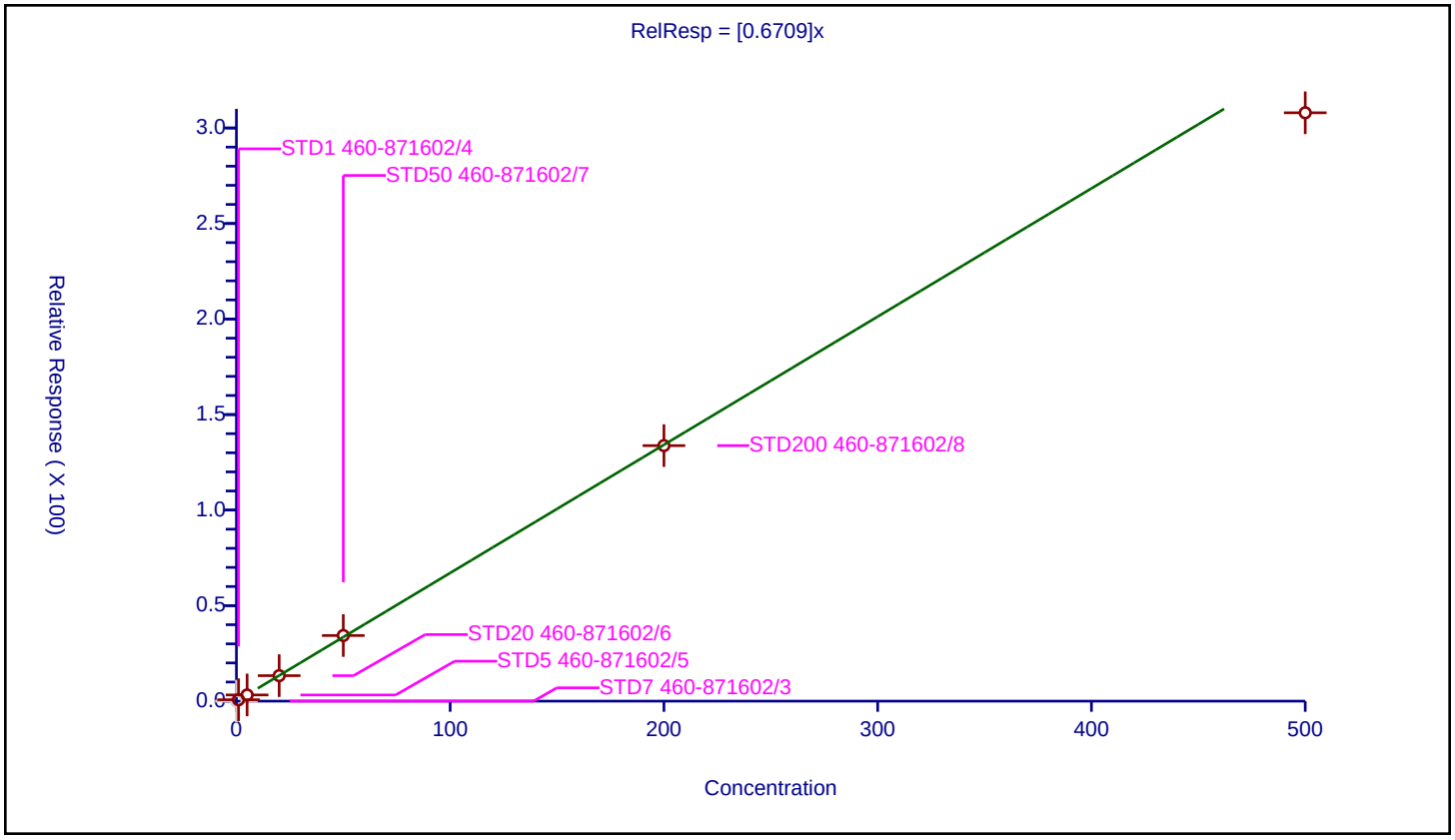
Curve Coefficients

Intercept:	0
Slope:	0.6709

Error Coefficients

Standard Error:	1480000
Relative Standard Error:	6.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.738479	50.0	439281.0	0.738479	Y
3	STD5 460-871602/5	5.0	3.243646	50.0	453872.0	0.648729	Y
4	STD20 460-871602/6	20.0	13.333703	50.0	460431.0	0.666685	Y
5	STD50 460-871602/7	50.0	34.349608	50.0	468525.0	0.686992	Y
6	STD200 460-871602/8	200.0	133.748206	50.0	471631.0	0.668741	Y
7	STD500 460-871602/9	500.0	307.96914	50.0	493259.0	0.615938	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

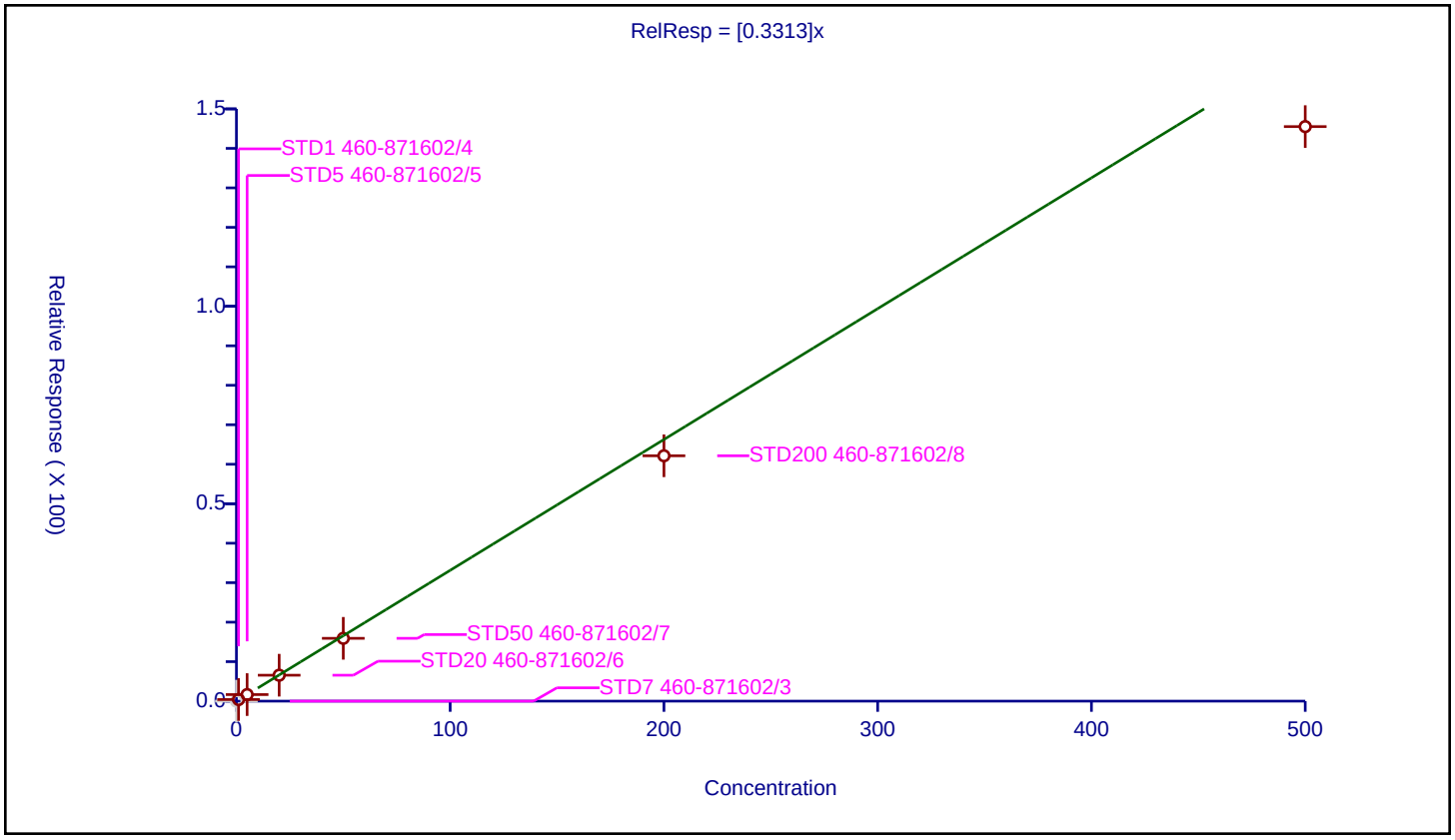
Curve Coefficients

Intercept:	0
Slope:	0.3313

Error Coefficients

Standard Error:	697000
Relative Standard Error:	12.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.407826	50.0	439281.0	0.407826	Y
3	STD5 460-871602/5	5.0	1.66038	50.0	453872.0	0.332076	Y
4	STD20 460-871602/6	20.0	6.56537	50.0	460431.0	0.328269	Y
5	STD50 460-871602/7	50.0	15.906408	50.0	468525.0	0.318128	Y
6	STD200 460-871602/8	200.0	62.142968	50.0	471631.0	0.310715	Y
7	STD500 460-871602/9	500.0	145.514324	50.0	493259.0	0.291029	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

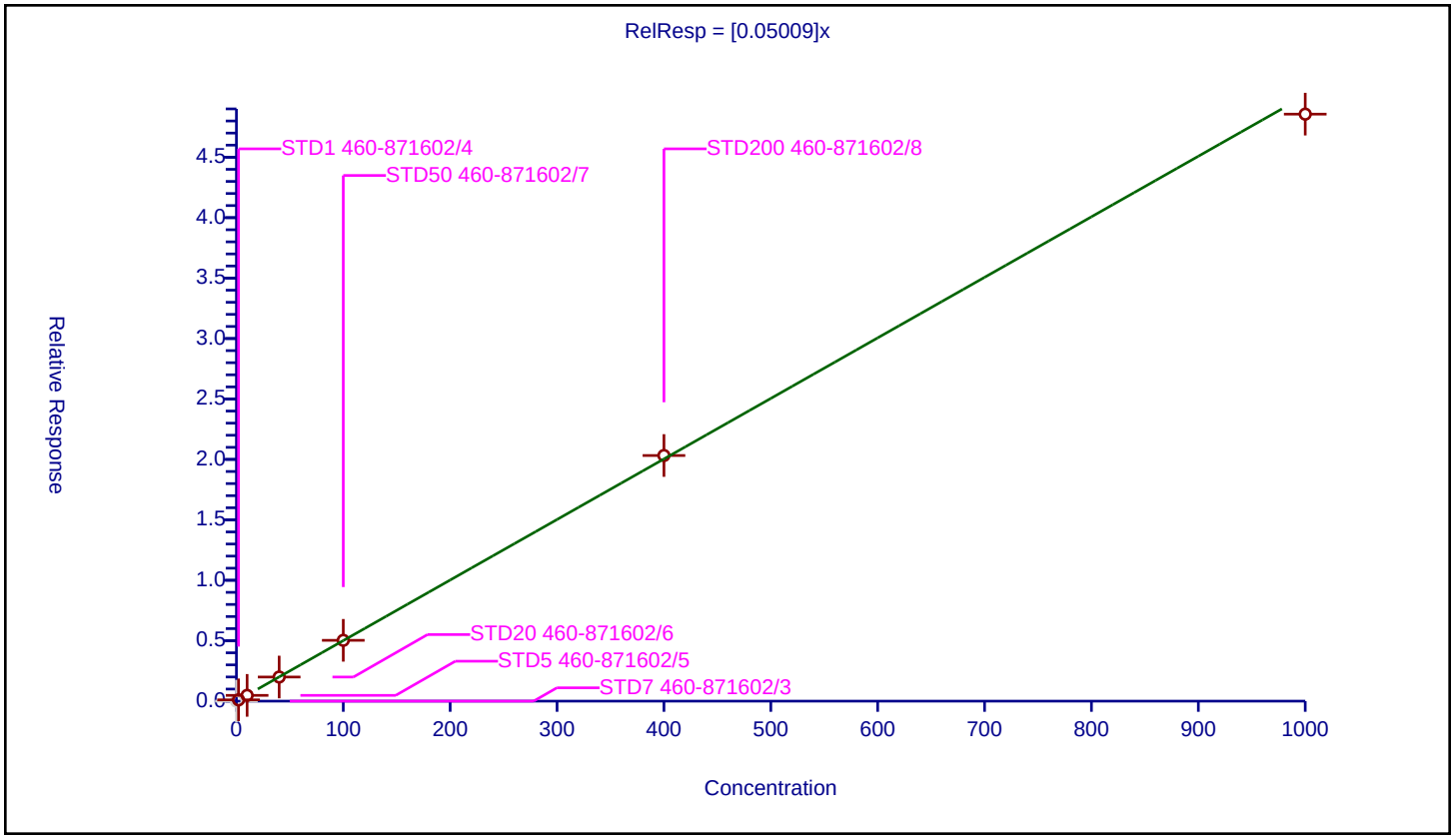
Curve Coefficients

Intercept:	0
Slope:	0.05009

Error Coefficients

Standard Error:	232000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	2.0	0.106652	50.0	439281.0	0.053326	Y
3	STD5 460-871602/5	10.0	0.476456	50.0	453872.0	0.047646	Y
4	STD20 460-871602/6	40.0	1.995522	50.0	460431.0	0.049888	Y
5	STD50 460-871602/7	100.0	5.031535	50.0	468525.0	0.050315	Y
6	STD200 460-871602/8	400.0	20.323622	50.0	471631.0	0.050809	Y
7	STD500 460-871602/9	1000.0	48.566473	50.0	493259.0	0.048566	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

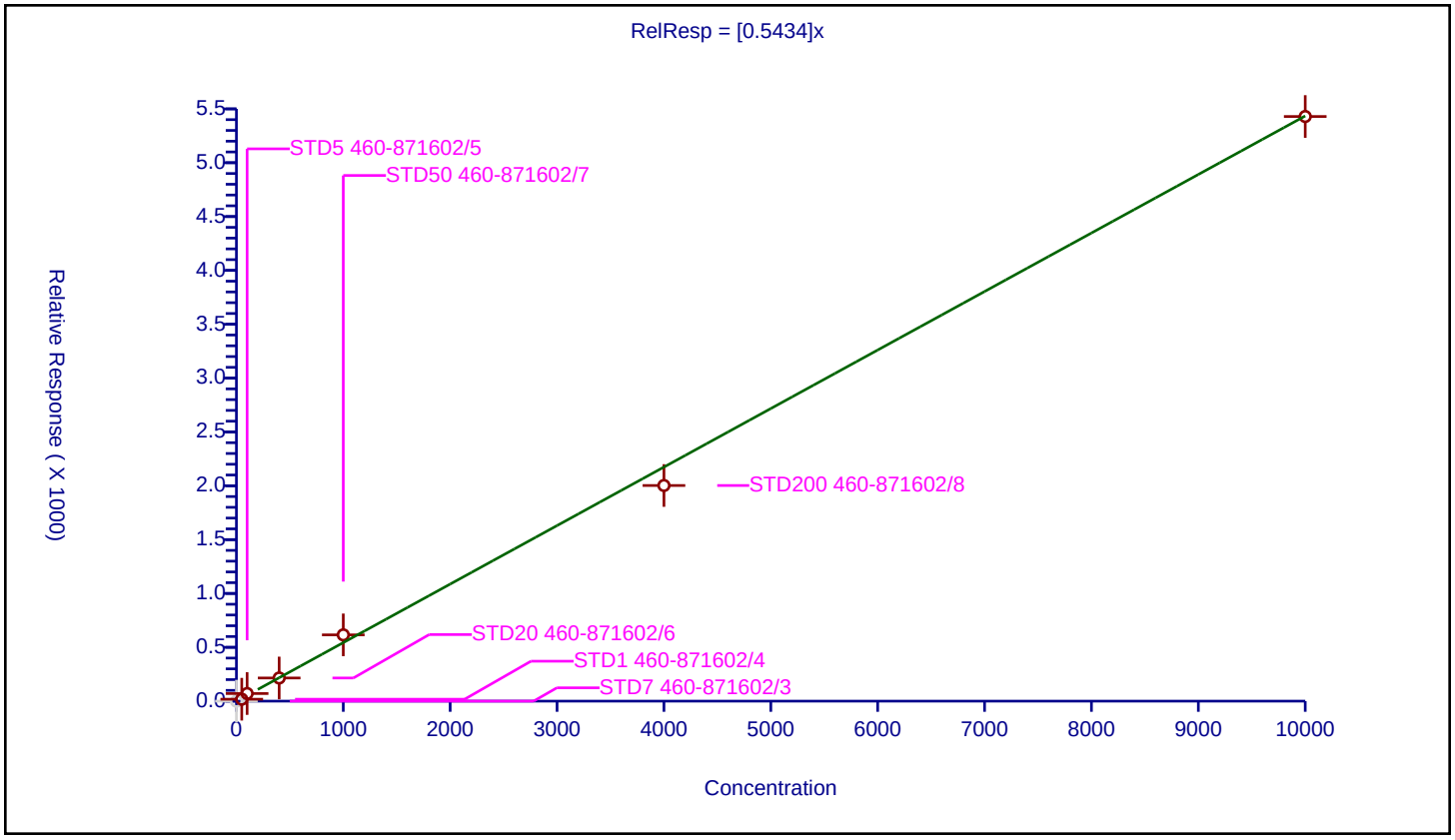
Curve Coefficients

Intercept:	0
Slope:	0.5434

Error Coefficients

Standard Error:	79400
Relative Standard Error:	21.3
Correlation Coefficient:	0.993
Coefficient of Determination (Adjusted):	0.949

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	1000.0	23304.0	NaN	N
2	STD1 460-871602/4	50.000062	17.958489	1000.0	24668.0	0.359169	Y
3	STD5 460-871602/5	100.0	70.495083	1000.0	23491.0	0.704951	Y
4	STD20 460-871602/6	400.0	215.022215	1000.0	23858.0	0.537556	Y
5	STD50 460-871602/7	1000.0	615.393413	1000.0	26232.0	0.615393	Y
6	STD200 460-871602/8	4000.0	2002.49566	1000.0	27648.0	0.500624	Y
7	STD500 460-871602/9	10000.0	5429.27529	1000.0	32068.0	0.542928	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

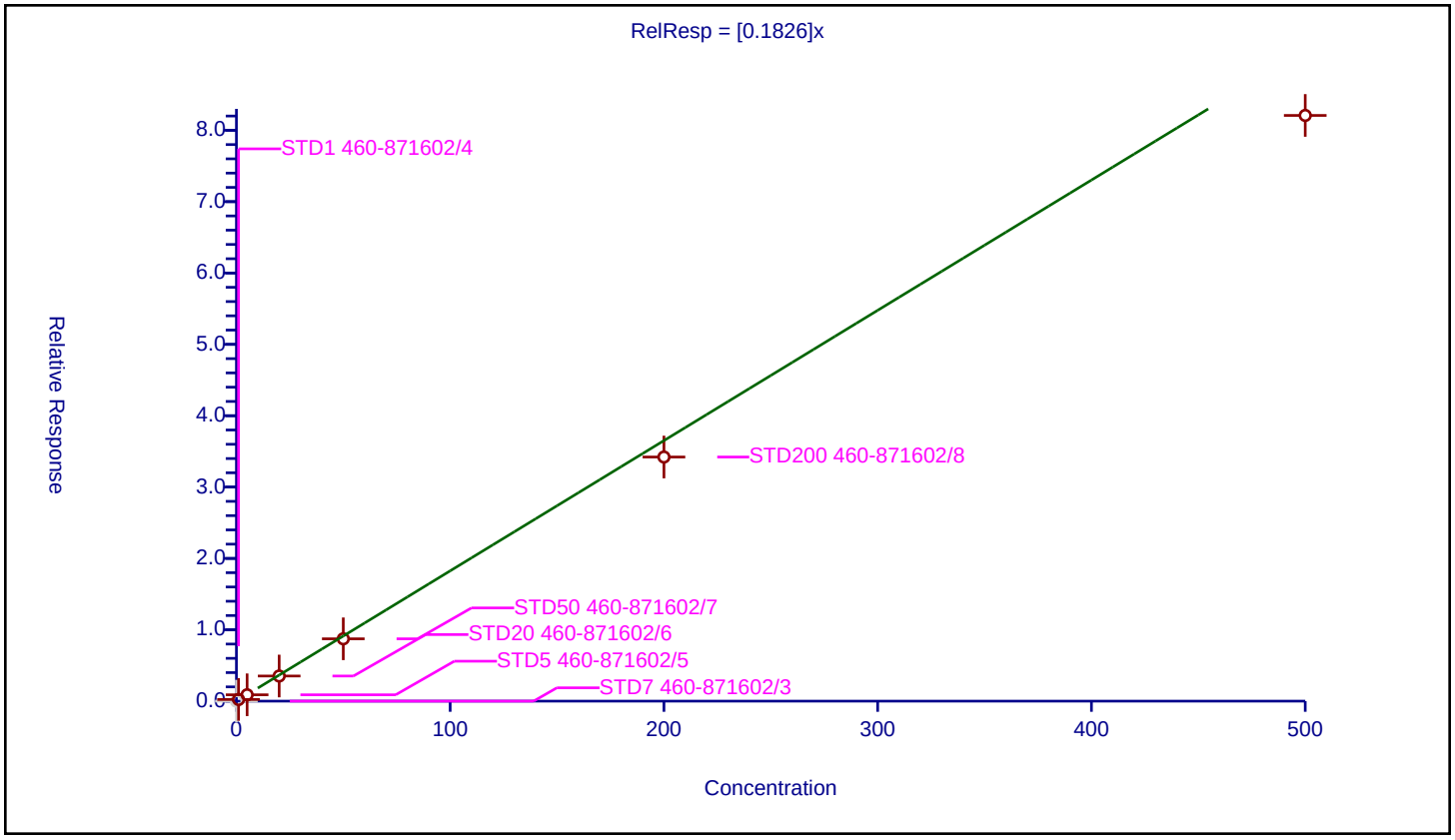
Curve Coefficients

Intercept:	0
Slope:	0.1826

Error Coefficients

Standard Error:	392000
Relative Standard Error:	13.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.977

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.231515	50.0	439281.0	0.231515	Y
3	STD5 460-871602/5	5.0	0.889127	50.0	453872.0	0.177825	Y
4	STD20 460-871602/6	20.0	3.522569	50.0	460431.0	0.176128	Y
5	STD50 460-871602/7	50.0	8.735073	50.0	468525.0	0.174701	Y
6	STD200 460-871602/8	200.0	34.21234	50.0	471631.0	0.171062	Y
7	STD500 460-871602/9	500.0	82.080814	50.0	493259.0	0.164162	Y



Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

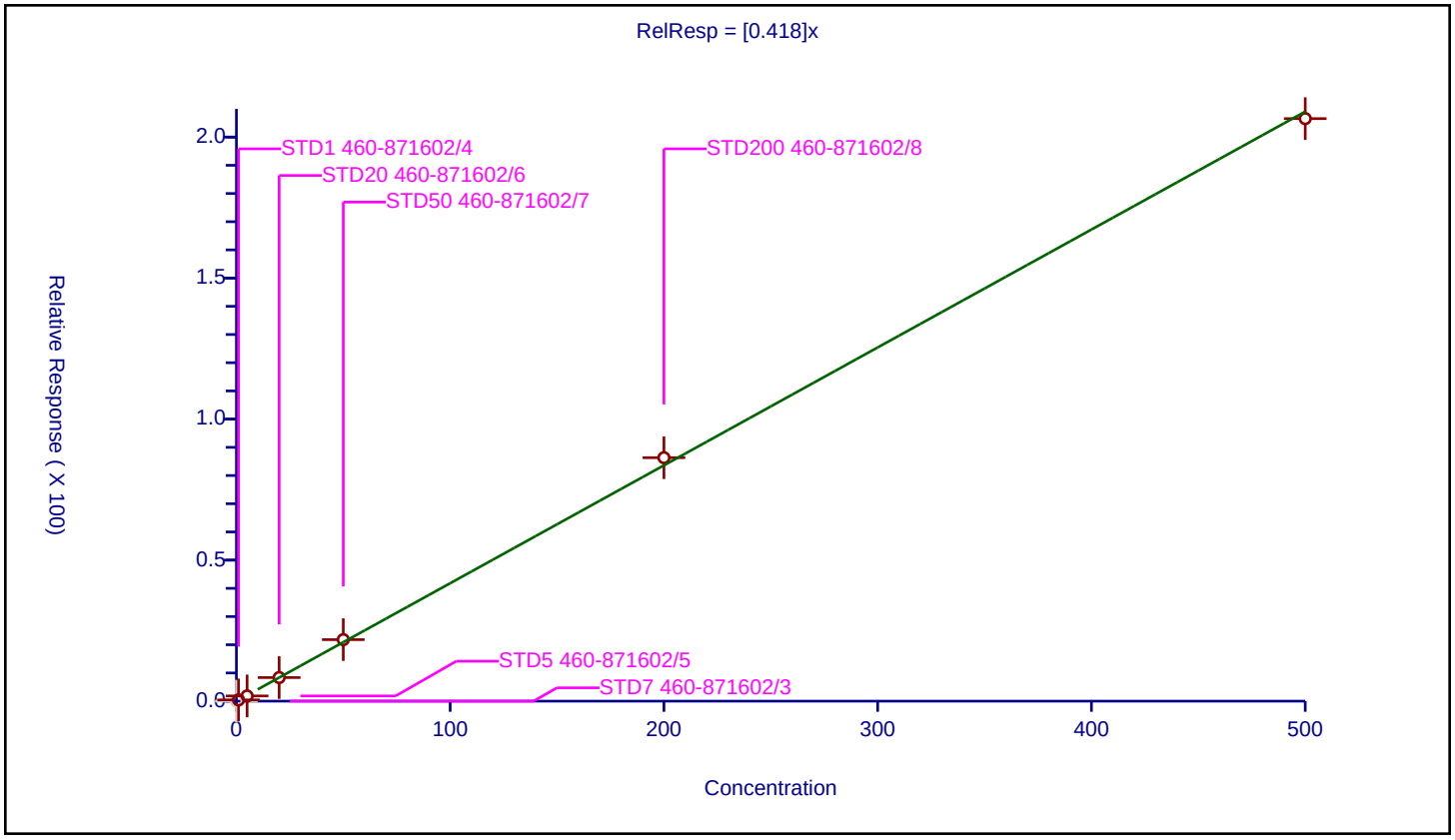
Curve Coefficients

Intercept:	0
Slope:	0.418

Error Coefficients

Standard Error:	986000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.44072	50.0	439281.0	0.44072	Y
3	STD5 460-871602/5	5.0	1.8427	50.0	453872.0	0.36854	Y
4	STD20 460-871602/6	20.0	8.360862	50.0	460431.0	0.418043	Y
5	STD50 460-871602/7	50.0	21.812283	50.0	468525.0	0.436246	Y
6	STD200 460-871602/8	200.0	86.321616	50.0	471631.0	0.431608	Y
7	STD500 460-871602/9	500.0	206.546561	50.0	493259.0	0.413093	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

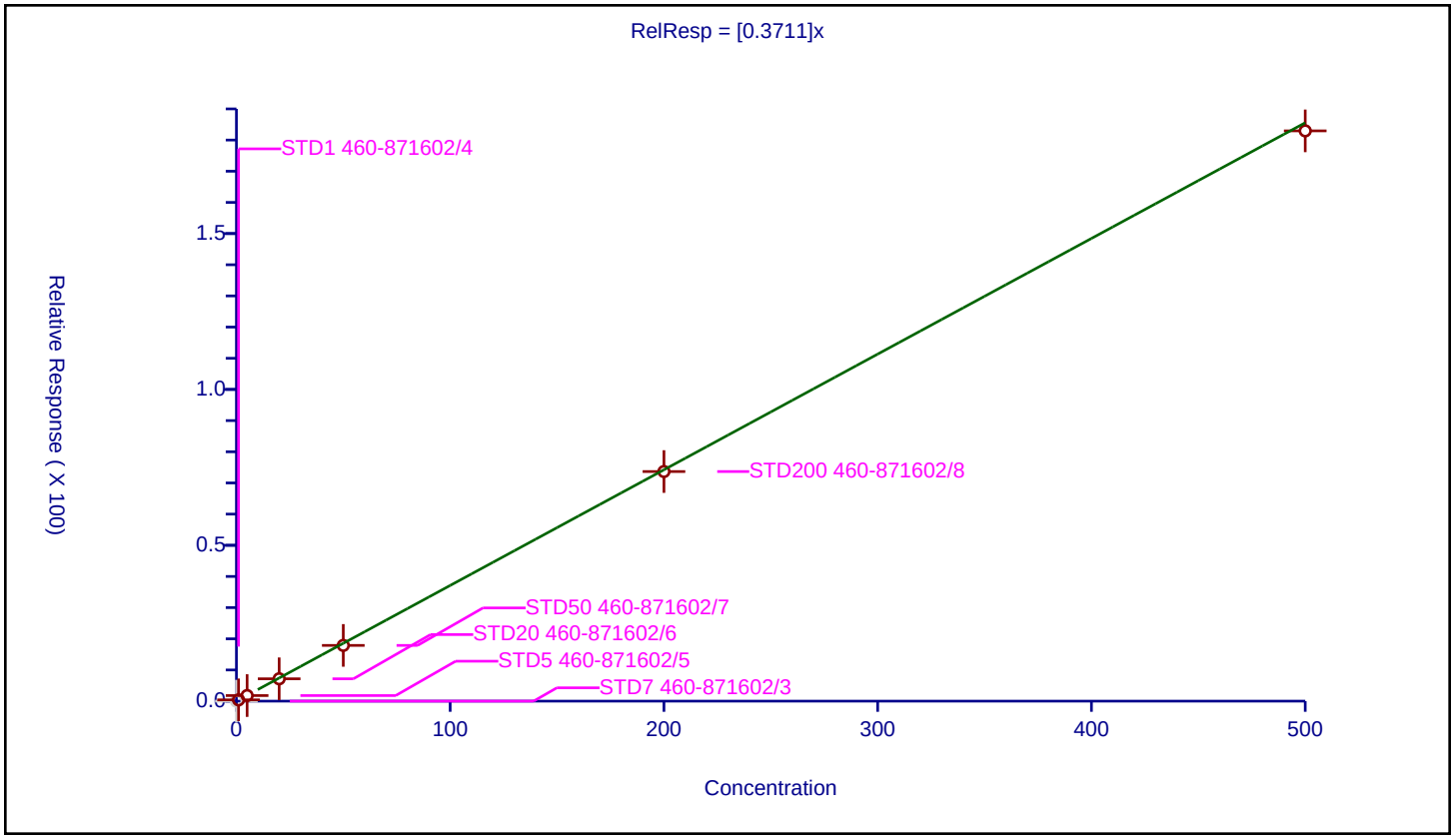
Curve Coefficients

Intercept:	0
Slope:	0.3711

Error Coefficients

Standard Error:	869000
Relative Standard Error:	6.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0	0.417387	50.0	439281.0	0.417387	Y
3	STD5 460-871602/5	5.0	1.793567	50.0	453872.0	0.358713	Y
4	STD20 460-871602/6	20.0	7.174039	50.0	460431.0	0.358702	Y
5	STD50 460-871602/7	50.0	17.879942	50.0	468525.0	0.357599	Y
6	STD200 460-871602/8	200.0	73.658644	50.0	471631.0	0.368293	Y
7	STD500 460-871602/9	500.0	182.949931	50.0	493259.0	0.3659	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

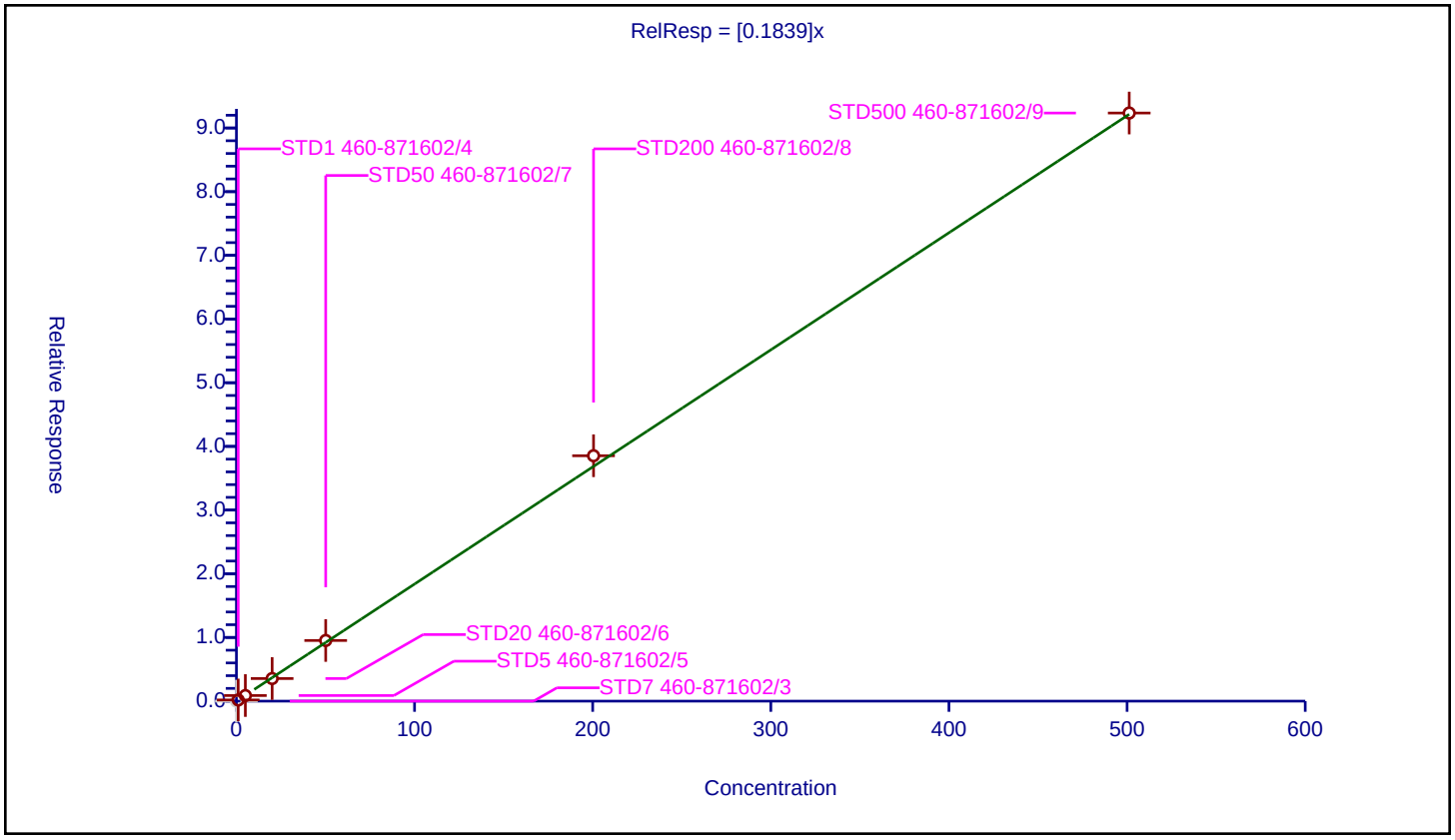
Curve Coefficients

Intercept:	0
Slope:	0.1839

Error Coefficients

Standard Error:	441000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	447005.0	NaN	N
2	STD1 460-871602/4	1.0024	0.18462	50.0	439281.0	0.184178	Y
3	STD5 460-871602/5	5.012	0.879433	50.0	453872.0	0.175465	Y
4	STD20 460-871602/6	20.048	3.5495	50.0	460431.0	0.17705	Y
5	STD50 460-871602/7	50.12	9.524252	50.0	468525.0	0.190029	Y
6	STD200 460-871602/8	200.48	38.535423	50.0	471631.0	0.192216	Y
7	STD500 460-871602/9	501.2	92.353307	50.0	493259.0	0.184264	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

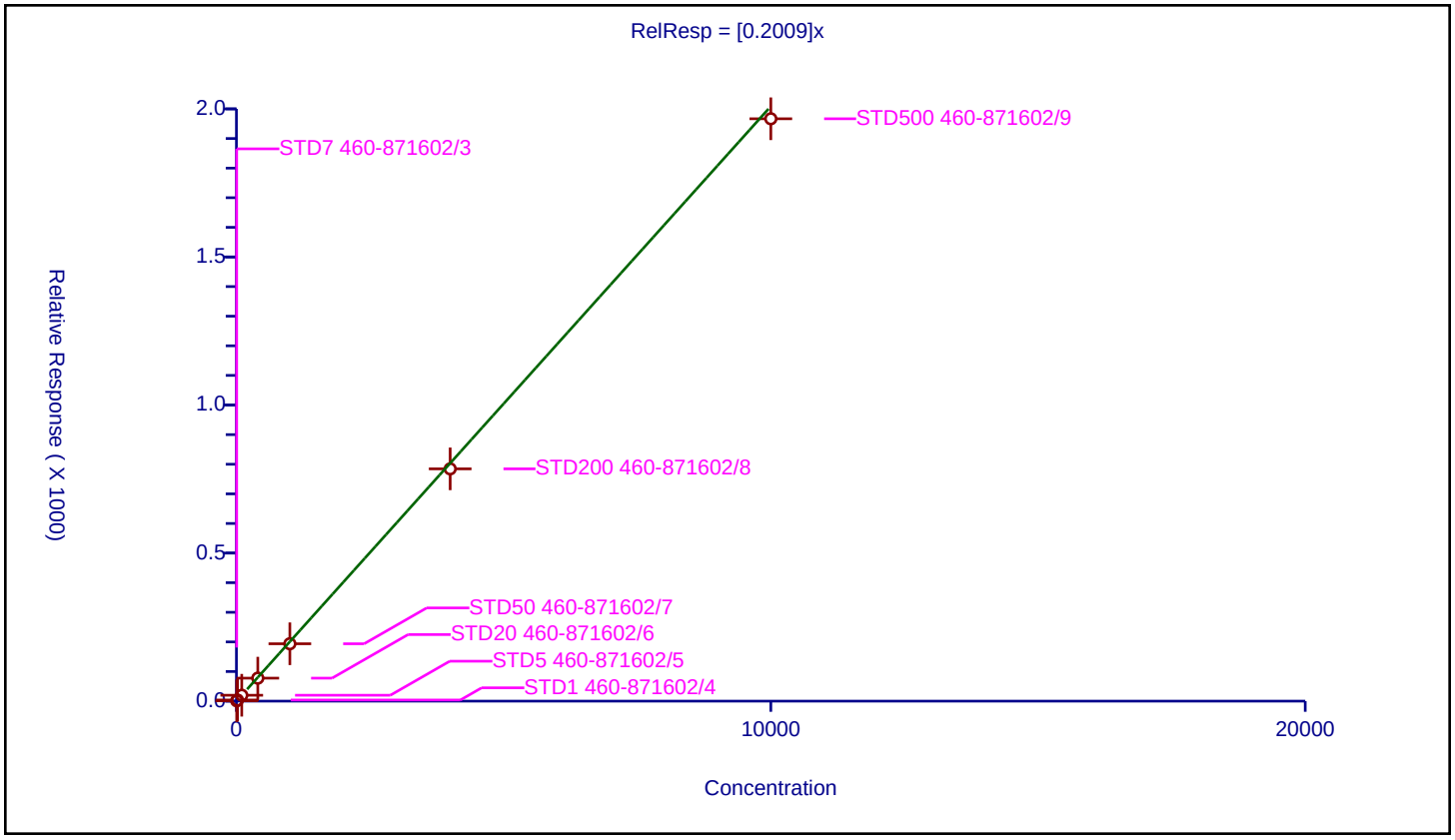
Curve Coefficients

Intercept:	0
Slope:	0.2009

Error Coefficients

Standard Error:	1080000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	5.000009	1.17092	250.0	260052.0	0.234184	Y
2	STD1 460-871602/4	20.000035	3.838729	250.0	261610.0	0.191936	Y
3	STD5 460-871602/5	100.000173	19.915414	250.0	270494.0	0.199154	Y
4	STD20 460-871602/6	400.000692	77.708198	250.0	285282.0	0.19427	Y
5	STD50 460-871602/7	1000.00173	193.746014	250.0	308867.0	0.193746	Y
6	STD200 460-871602/8	4000.00692	784.431723	250.0	314688.0	0.196108	Y
7	STD500 460-871602/9	10000.0173	1966.586873	250.0	309968.0	0.196658	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

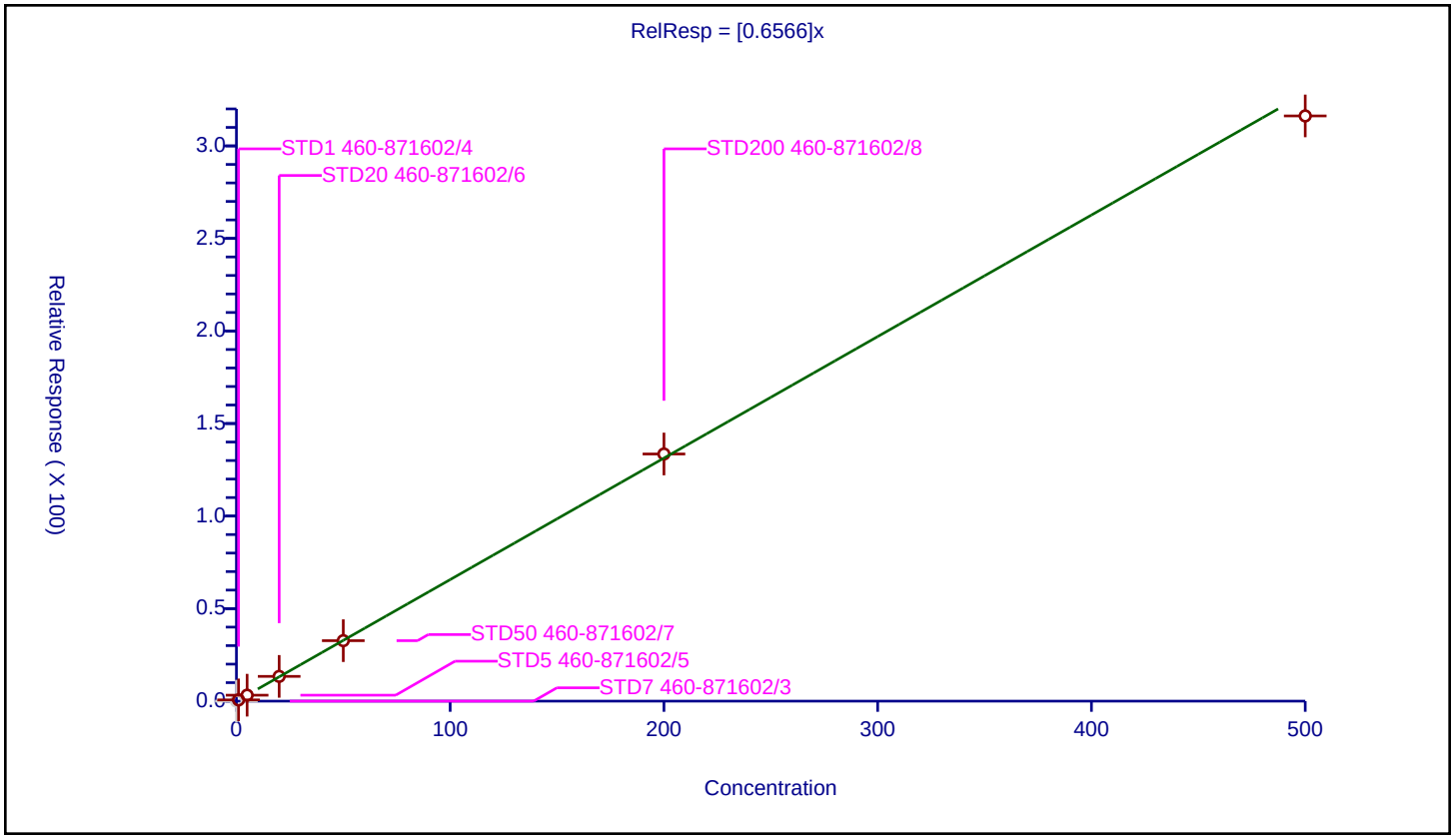
Curve Coefficients

Intercept:	0
Slope:	0.6566

Error Coefficients

Standard Error:	1180000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.67373	50.0	345836.0	0.67373	Y
3	STD5 460-871602/5	5.0	3.217192	50.0	343778.0	0.643438	Y
4	STD20 460-871602/6	20.0	13.381389	50.0	344187.0	0.669069	Y
5	STD50 460-871602/7	50.0	32.674397	50.0	359266.0	0.653488	Y
6	STD200 460-871602/8	200.0	133.535531	50.0	362022.0	0.667678	Y
7	STD500 460-871602/9	500.0	316.204343	50.0	387427.0	0.632409	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

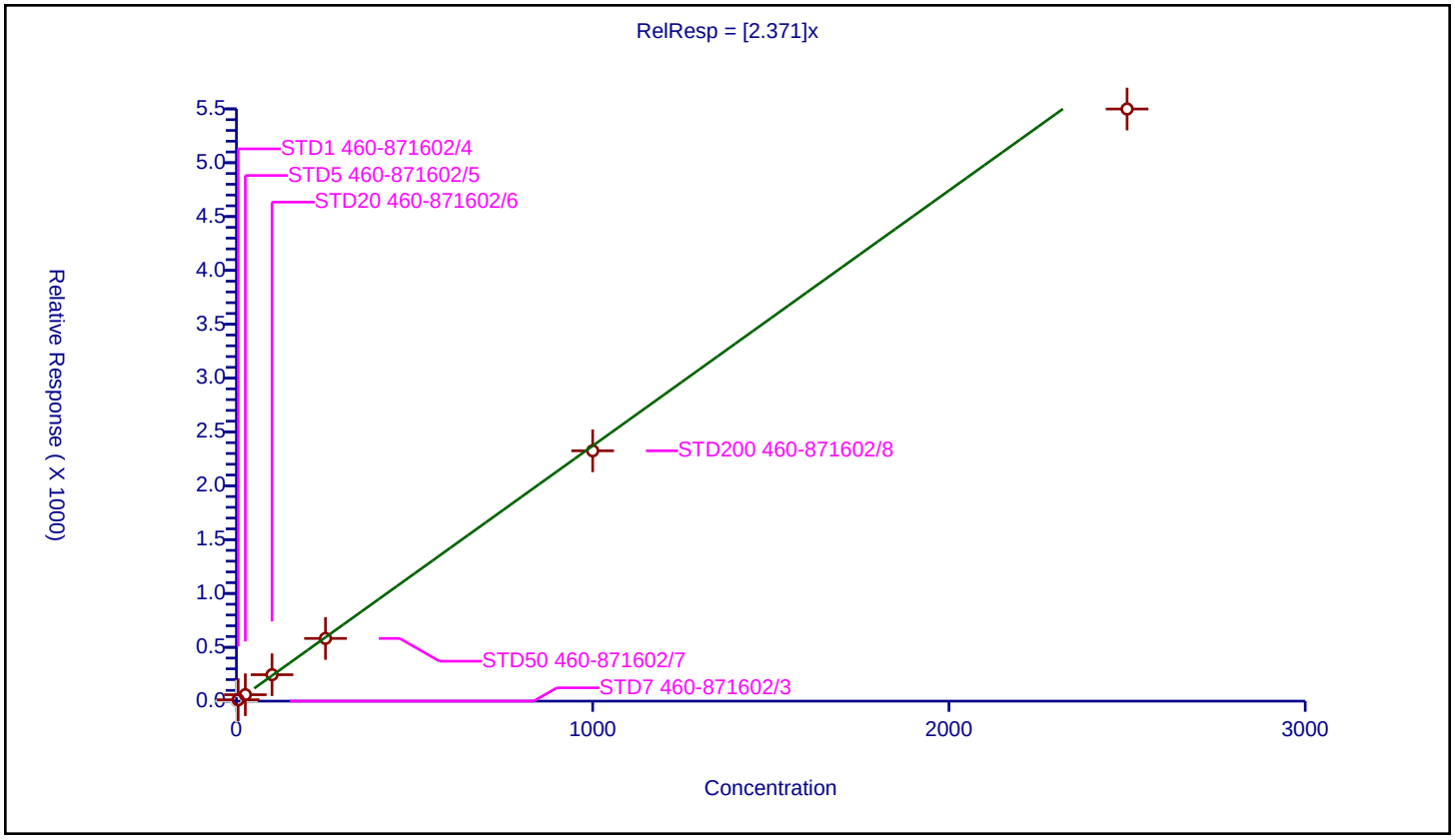
Curve Coefficients

Intercept:	0
Slope:	2.371

Error Coefficients

Standard Error:	3330000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	5.0	12.624709	250.0	261610.0	2.524942	Y
3	STD5 460-871602/5	25.0	59.787833	250.0	270494.0	2.391513	Y
4	STD20 460-871602/6	100.0	245.38965	250.0	285282.0	2.453896	Y
5	STD50 460-871602/7	250.0	582.442443	250.0	308867.0	2.32977	Y
6	STD200 460-871602/8	1000.0	2324.833645	250.0	314688.0	2.324834	Y
7	STD500 460-871602/9	2500.0	5499.086196	250.0	309968.0	2.199634	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

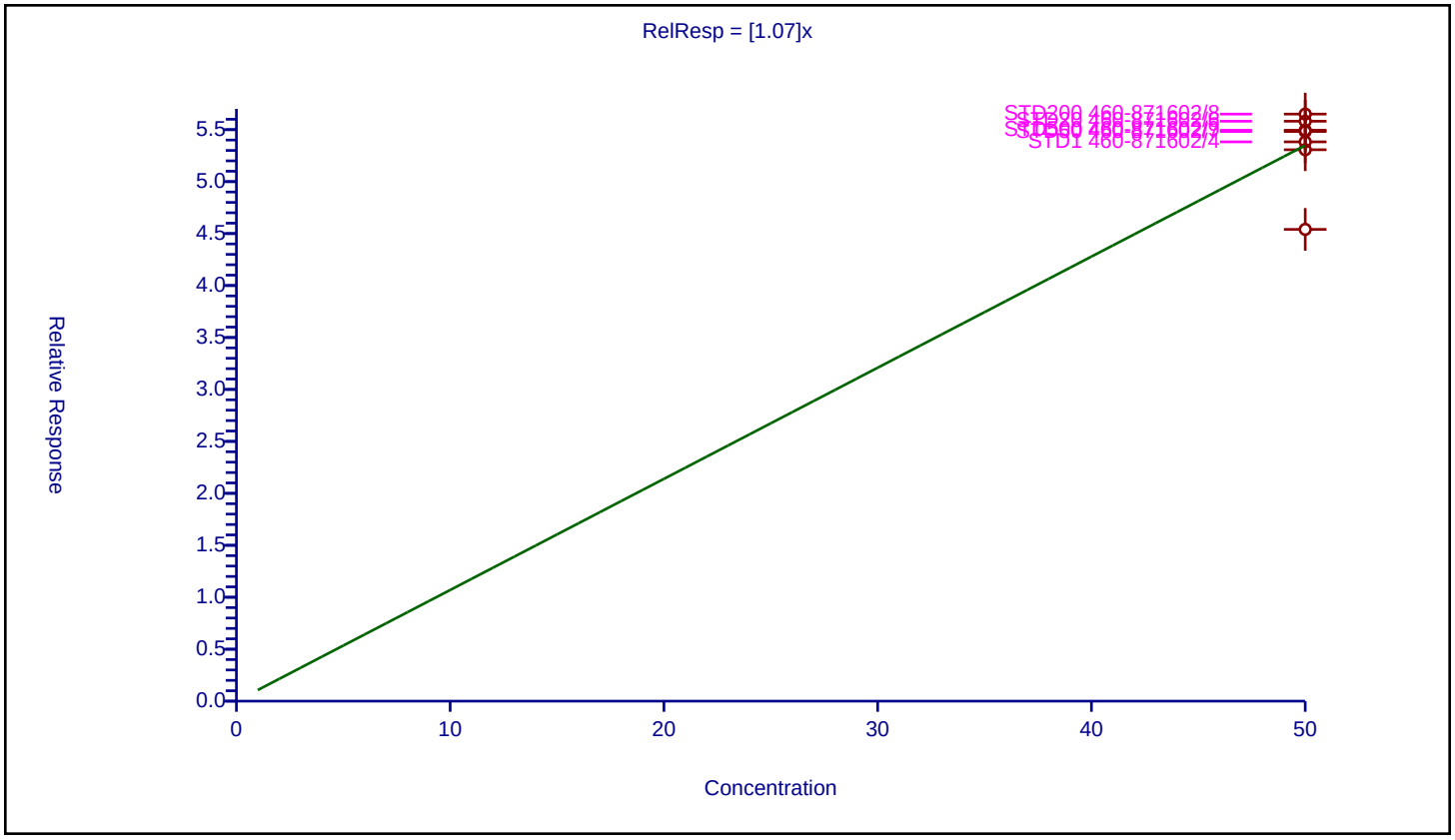
Curve Coefficients

Intercept:	0
Slope:	1.07

Error Coefficients

Standard Error:	414000
Relative Standard Error:	7.0
Correlation Coefficient:	0.00000000000000000000
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	50.0	53.068079	50.0	351311.0	1.061362	Y
2	STD1 460-871602/4	50.0	53.825657	50.0	345836.0	1.076513	Y
3	STD5 460-871602/5	50.0	45.403138	50.0	343778.0	0.908063	Y
4	STD20 460-871602/6	50.0	55.811521	50.0	344187.0	1.11623	Y
5	STD50 460-871602/7	50.0	54.82275	50.0	359266.0	1.096455	Y
6	STD200 460-871602/8	50.0	56.499881	50.0	362022.0	1.129998	Y
7	STD500 460-871602/9	50.0	54.945319	50.0	387427.0	1.098906	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

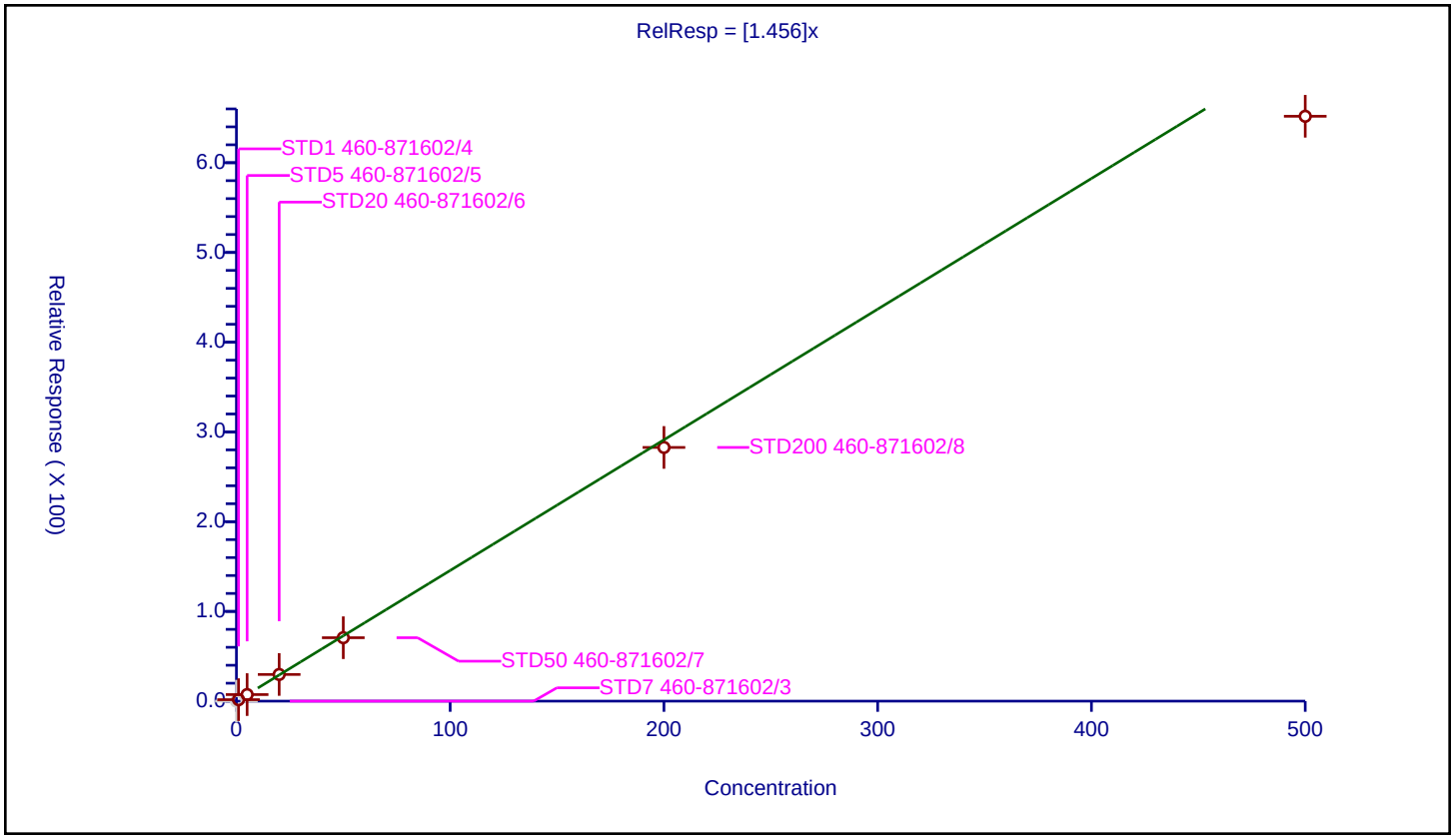
Curve Coefficients

Intercept:	0
Slope:	1.456

Error Coefficients

Standard Error:	2450000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	1.657144	50.0	345836.0	1.657144	Y
3	STD5 460-871602/5	5.0	7.31155	50.0	343778.0	1.46231	Y
4	STD20 460-871602/6	20.0	29.719164	50.0	344187.0	1.485958	Y
5	STD50 460-871602/7	50.0	70.698591	50.0	359266.0	1.413972	Y
6	STD200 460-871602/8	200.0	282.710581	50.0	362022.0	1.413553	Y
7	STD500 460-871602/9	500.0	651.767301	50.0	387427.0	1.303535	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

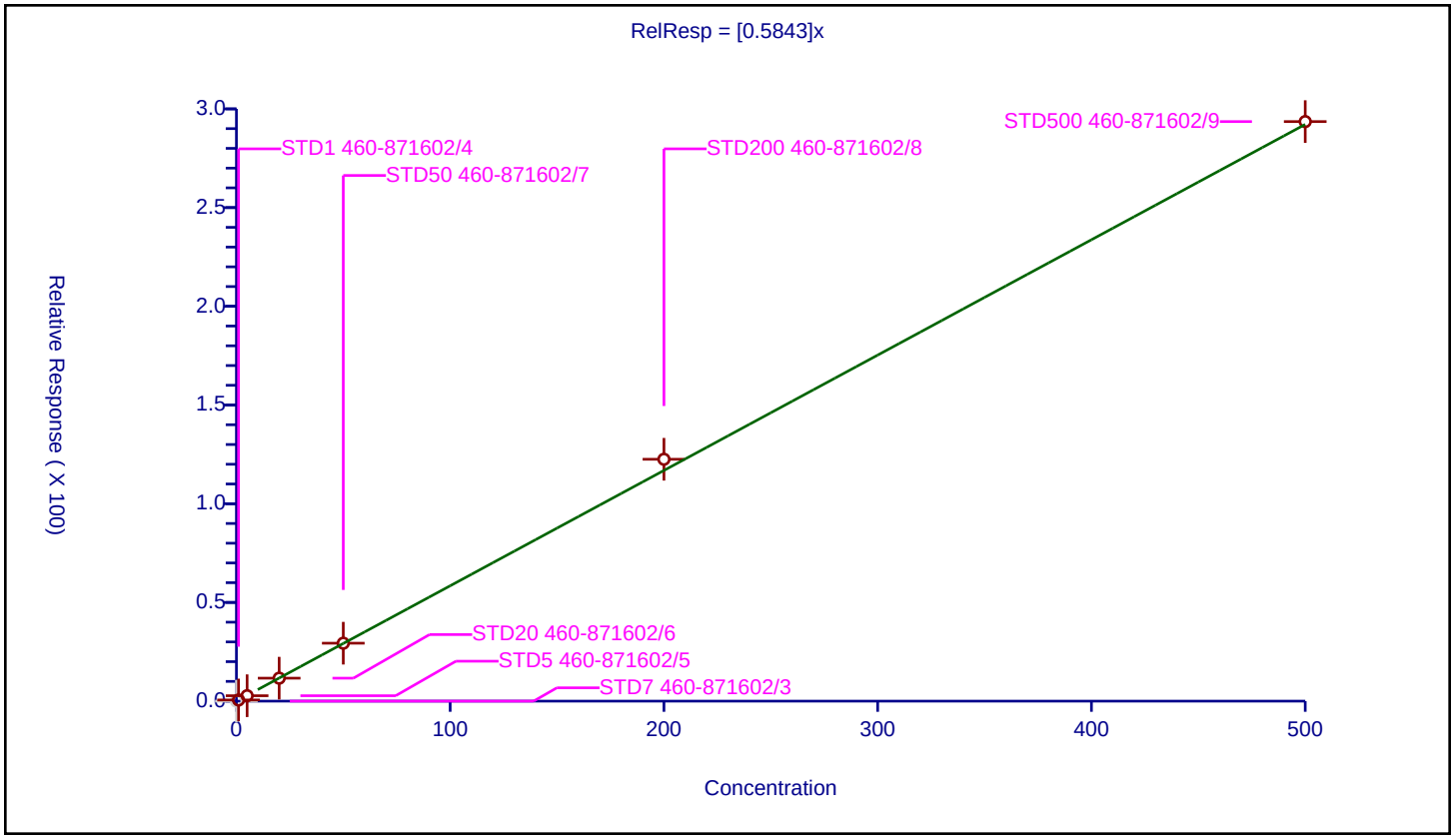
Curve Coefficients

Intercept:	0
Slope:	0.5843

Error Coefficients

Standard Error:	1100000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.587417	50.0	345836.0	0.587417	Y
3	STD5 460-871602/5	5.0	2.749885	50.0	343778.0	0.549977	Y
4	STD20 460-871602/6	20.0	11.633502	50.0	344187.0	0.581675	Y
5	STD50 460-871602/7	50.0	29.348032	50.0	359266.0	0.586961	Y
6	STD200 460-871602/8	200.0	122.524322	50.0	362022.0	0.612622	Y
7	STD500 460-871602/9	500.0	293.560593	50.0	387427.0	0.587121	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

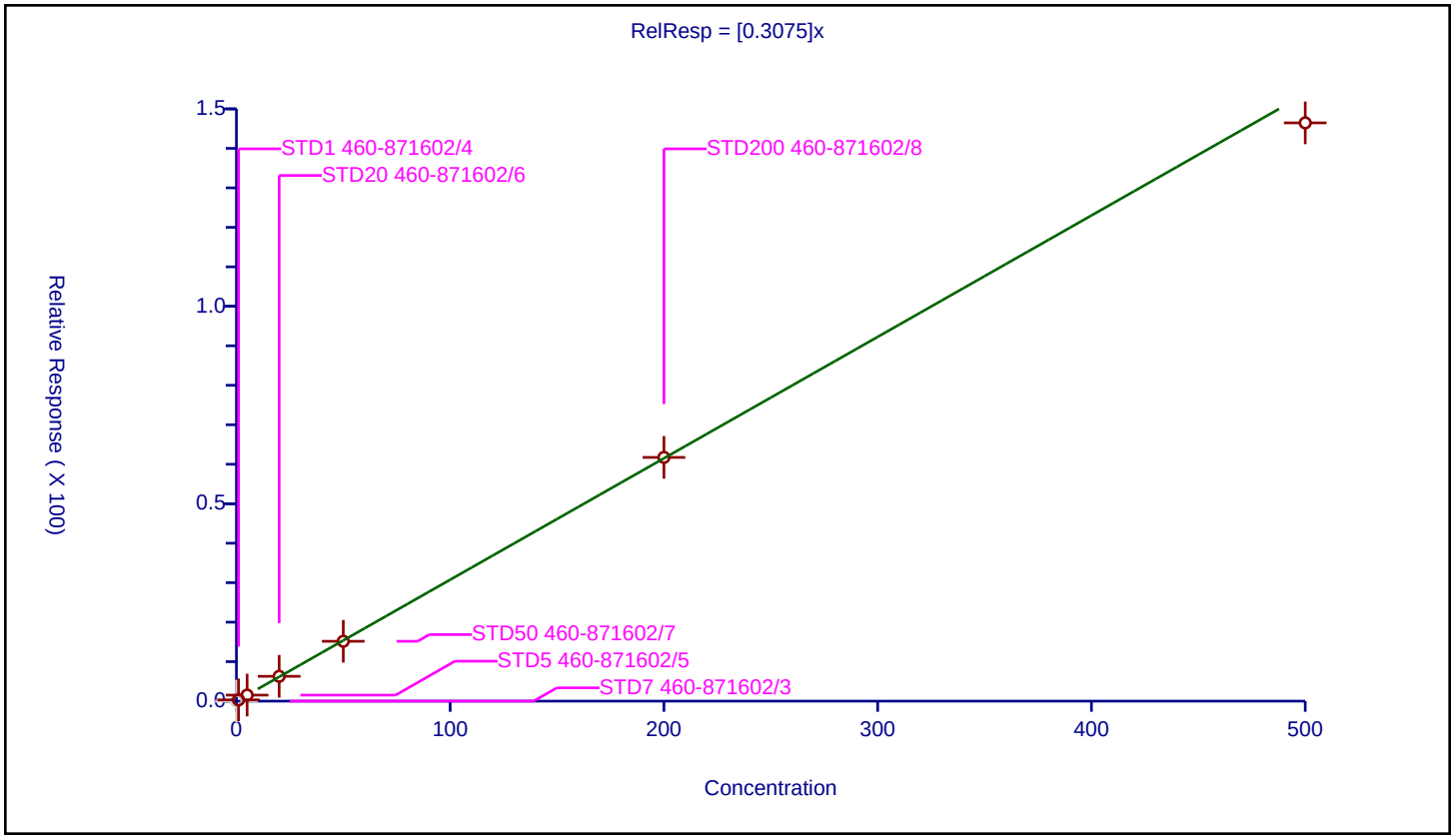
Curve Coefficients

Intercept:	0
Slope:	0.3075

Error Coefficients

Standard Error:	548000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.320094	50.0	345836.0	0.320094	Y
3	STD5 460-871602/5	5.0	1.528894	50.0	343778.0	0.305779	Y
4	STD20 460-871602/6	20.0	6.289314	50.0	344187.0	0.314466	Y
5	STD50 460-871602/7	50.0	15.162303	50.0	359266.0	0.303246	Y
6	STD200 460-871602/8	200.0	61.732022	50.0	362022.0	0.30866	Y
7	STD500 460-871602/9	500.0	146.461785	50.0	387427.0	0.292924	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

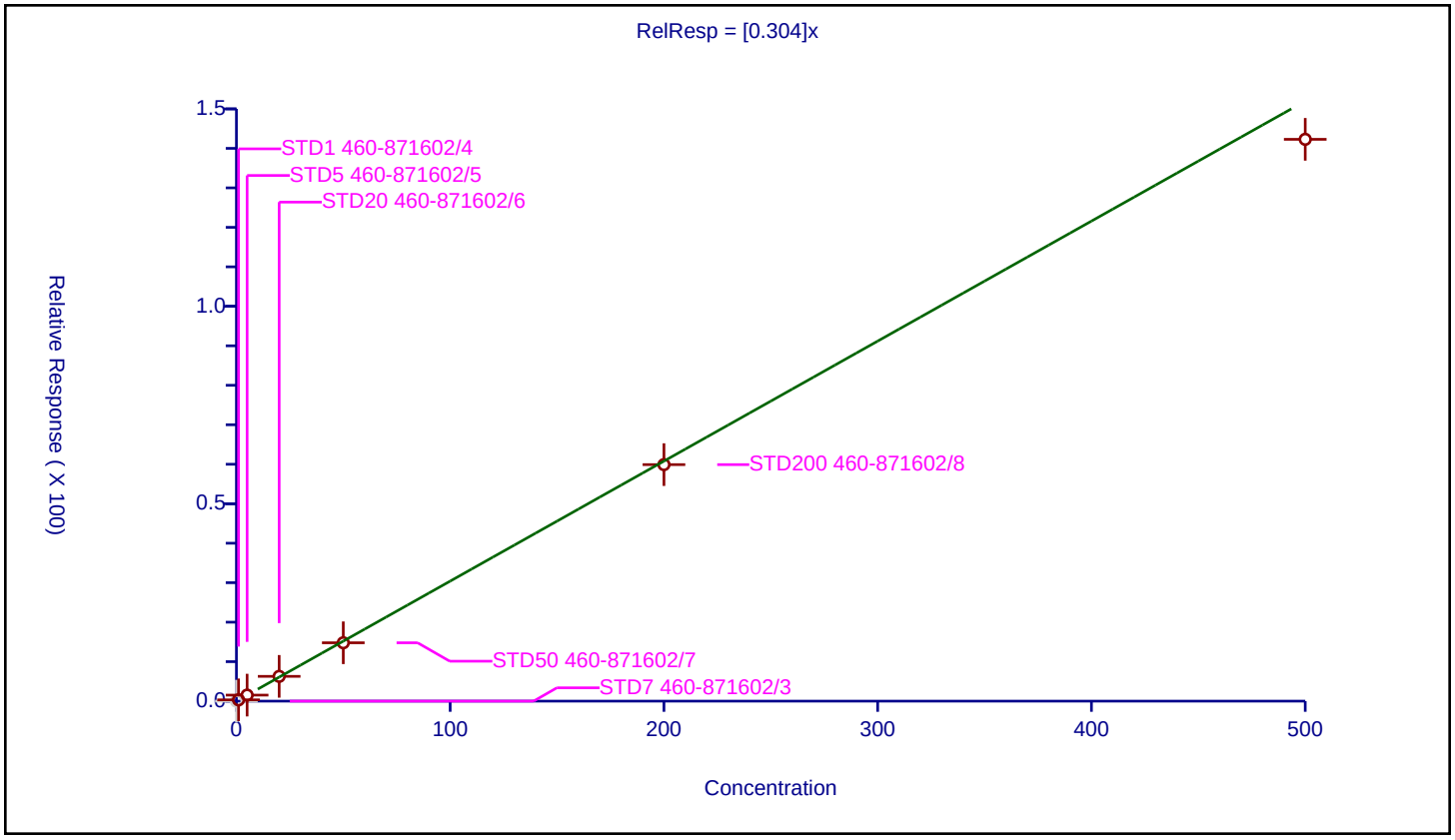
Curve Coefficients

Intercept:	0
Slope:	0.304

Error Coefficients

Standard Error:	532000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.32501	50.0	345836.0	0.32501	Y
3	STD5 460-871602/5	5.0	1.524967	50.0	343778.0	0.304993	Y
4	STD20 460-871602/6	20.0	6.278273	50.0	344187.0	0.313914	Y
5	STD50 460-871602/7	50.0	14.785563	50.0	359266.0	0.295711	Y
6	STD200 460-871602/8	200.0	59.902575	50.0	362022.0	0.299513	Y
7	STD500 460-871602/9	500.0	142.291838	50.0	387427.0	0.284584	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

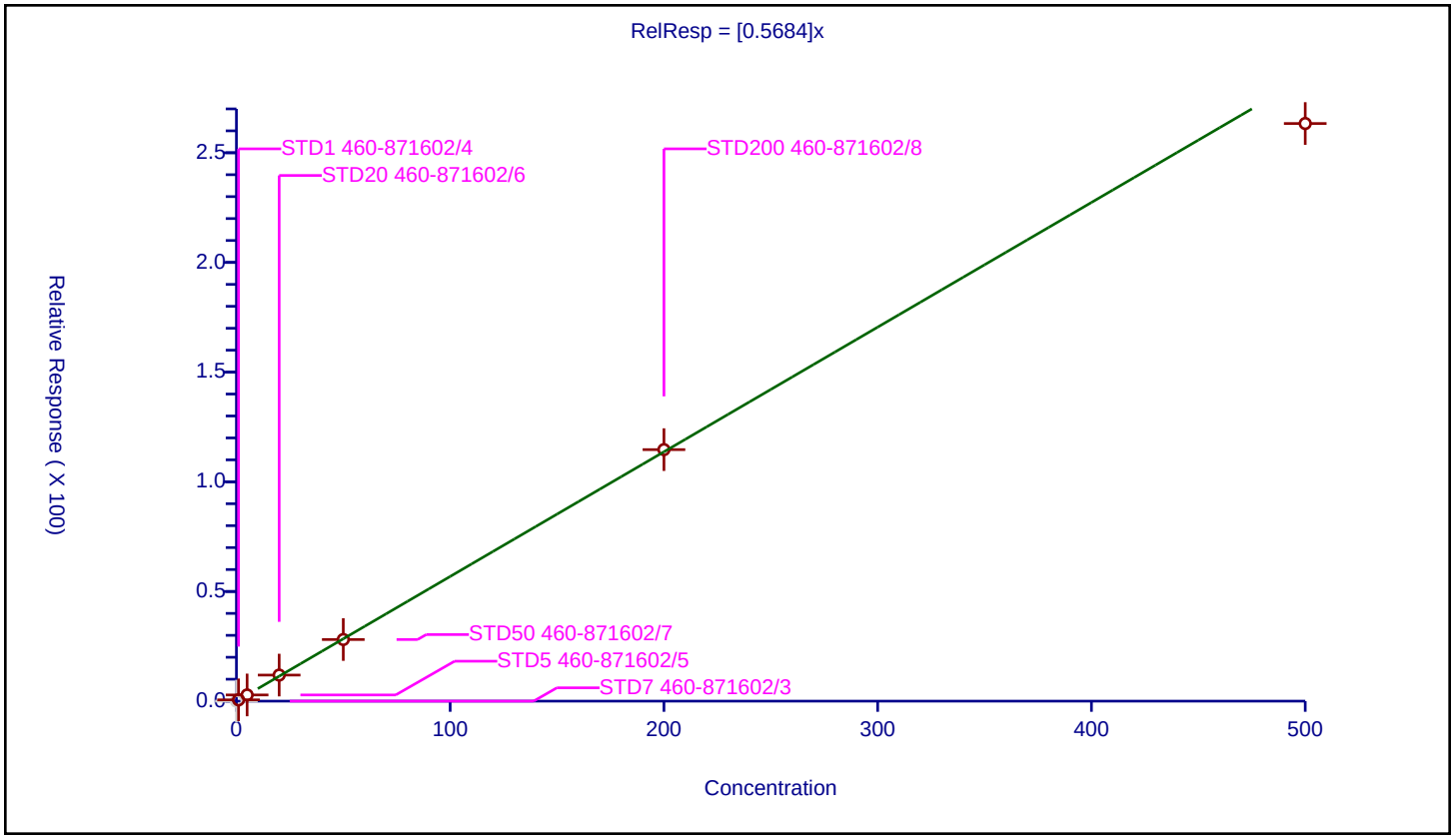
Curve Coefficients

Intercept:	0
Slope:	0.5684

Error Coefficients

Standard Error:	990000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.590598	50.0	345836.0	0.590598	Y
3	STD5 460-871602/5	5.0	2.818825	50.0	343778.0	0.563765	Y
4	STD20 460-871602/6	20.0	11.881332	50.0	344187.0	0.594067	Y
5	STD50 460-871602/7	50.0	28.089354	50.0	359266.0	0.561787	Y
6	STD200 460-871602/8	200.0	114.664993	50.0	362022.0	0.573325	Y
7	STD500 460-871602/9	500.0	263.328317	50.0	387427.0	0.526657	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

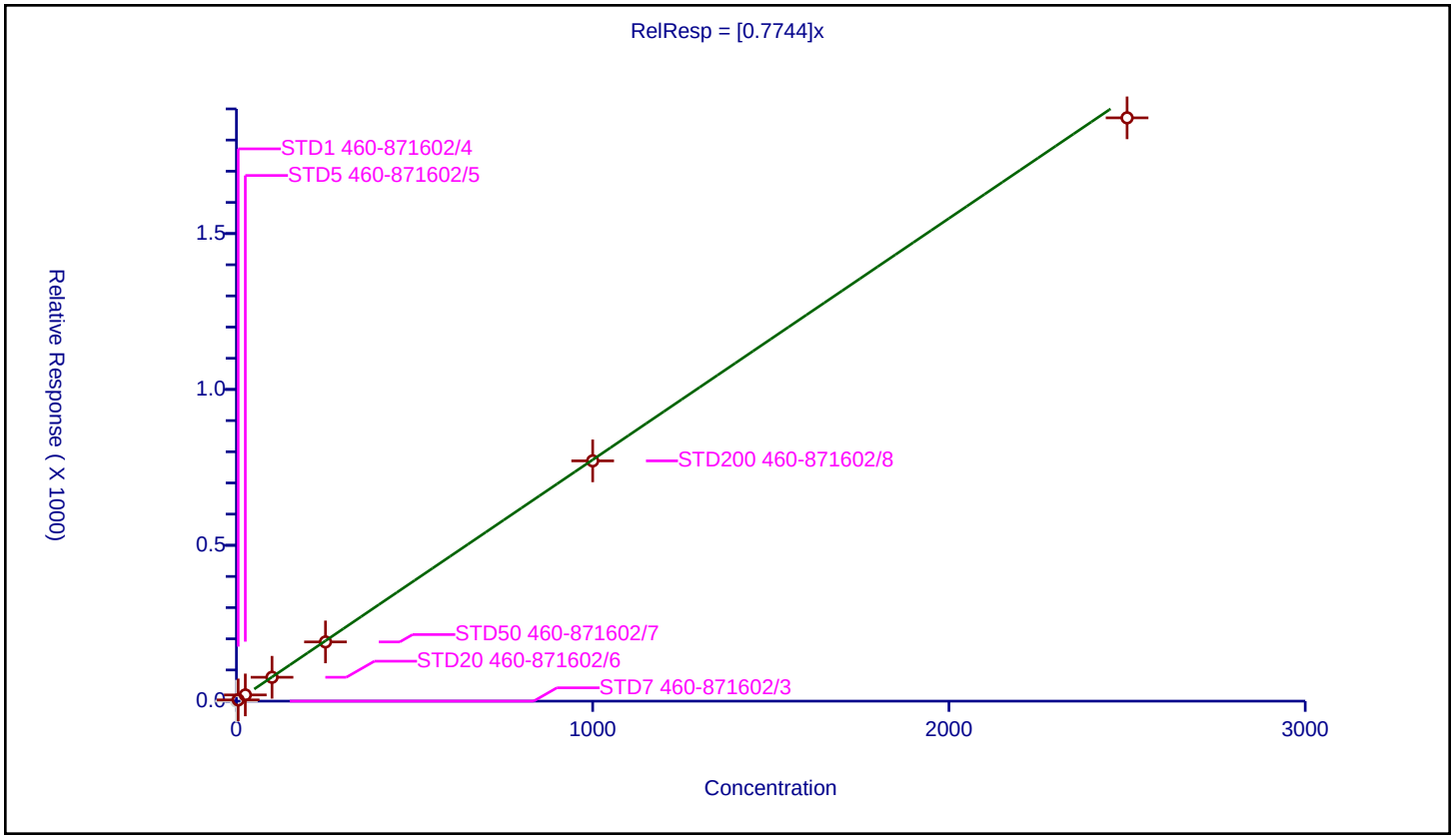
Curve Coefficients

Intercept:	0
Slope:	0.7744

Error Coefficients

Standard Error:	1130000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	250.0	260052.0	NaN	N
2	STD1 460-871602/4	5.0	4.012652	250.0	261610.0	0.80253	Y
3	STD5 460-871602/5	25.0	19.963474	250.0	270494.0	0.798539	Y
4	STD20 460-871602/6	100.0	76.593511	250.0	285282.0	0.765935	Y
5	STD50 460-871602/7	250.0	189.974973	250.0	308867.0	0.7599	Y
6	STD200 460-871602/8	1000.0	770.825389	250.0	314688.0	0.770825	Y
7	STD500 460-871602/9	2500.0	1871.28994	250.0	309968.0	0.748516	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

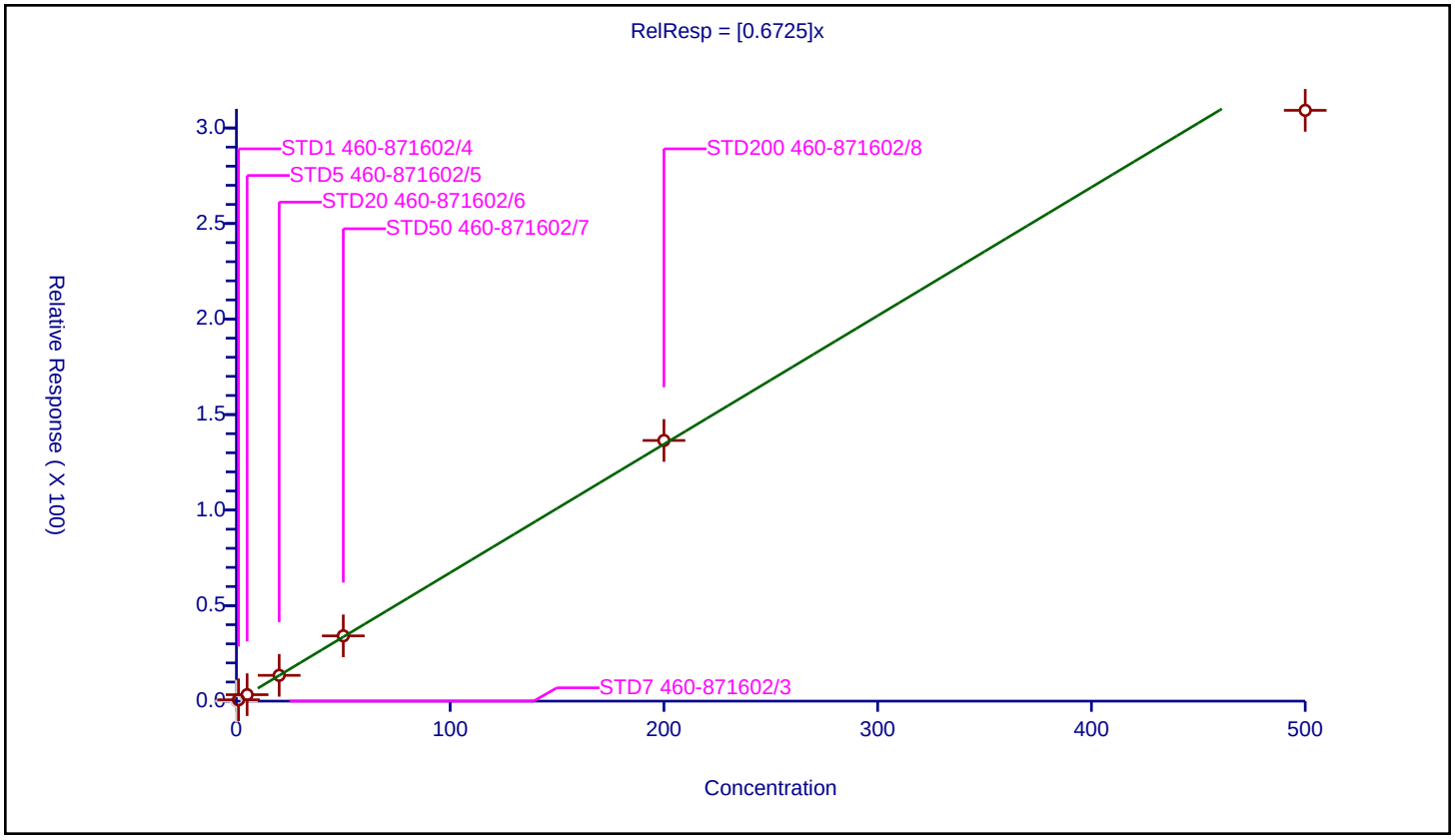
Curve Coefficients

Intercept:	0
Slope:	0.6725

Error Coefficients

Standard Error:	1160000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.700477	50.0	345836.0	0.700477	Y
3	STD5 460-871602/5	5.0	3.374852	50.0	343778.0	0.67497	Y
4	STD20 460-871602/6	20.0	13.507483	50.0	344187.0	0.675374	Y
5	STD50 460-871602/7	50.0	34.165215	50.0	359266.0	0.683304	Y
6	STD200 460-871602/8	200.0	136.447094	50.0	362022.0	0.682235	Y
7	STD500 460-871602/9	500.0	309.244193	50.0	387427.0	0.618488	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

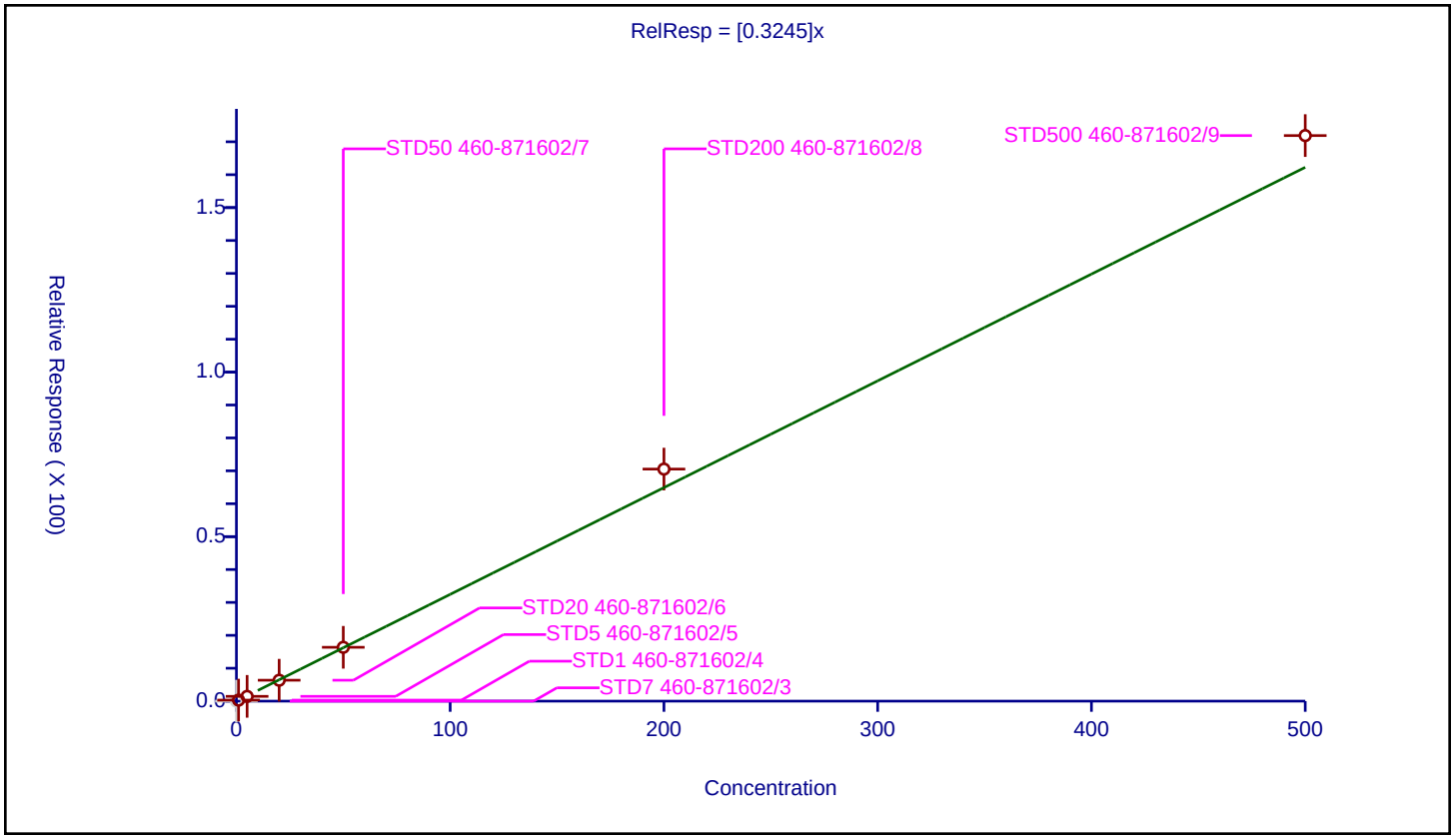
Curve Coefficients

Intercept:	0
Slope:	0.3245

Error Coefficients

Standard Error:	640000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.314166	50.0	345836.0	0.314166	Y
3	STD5 460-871602/5	5.0	1.456609	50.0	343778.0	0.291322	Y
4	STD20 460-871602/6	20.0	6.354395	50.0	344187.0	0.31772	Y
5	STD50 460-871602/7	50.0	16.36225	50.0	359266.0	0.327245	Y
6	STD200 460-871602/8	200.0	70.523753	50.0	362022.0	0.352619	Y
7	STD500 460-871602/9	500.0	171.887865	50.0	387427.0	0.343776	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

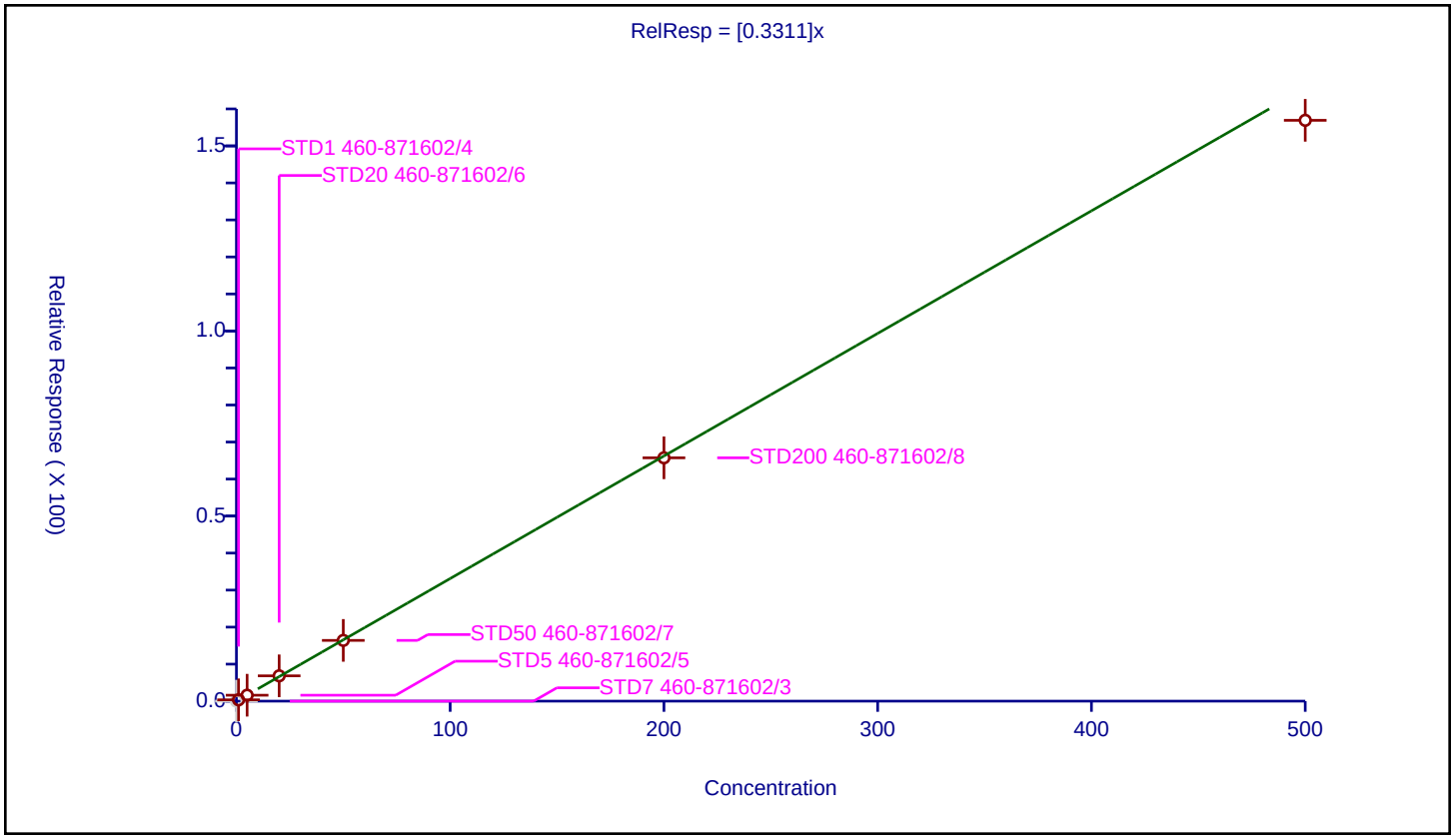
Curve Coefficients

Intercept:	0
Slope:	0.3311

Error Coefficients

Standard Error:	587000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.353925	50.0	345836.0	0.353925	Y
3	STD5 460-871602/5	5.0	1.602488	50.0	343778.0	0.320498	Y
4	STD20 460-871602/6	20.0	6.835674	50.0	344187.0	0.341784	Y
5	STD50 460-871602/7	50.0	16.406367	50.0	359266.0	0.328127	Y
6	STD200 460-871602/8	200.0	65.730674	50.0	362022.0	0.328653	Y
7	STD500 460-871602/9	500.0	156.916658	50.0	387427.0	0.313833	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

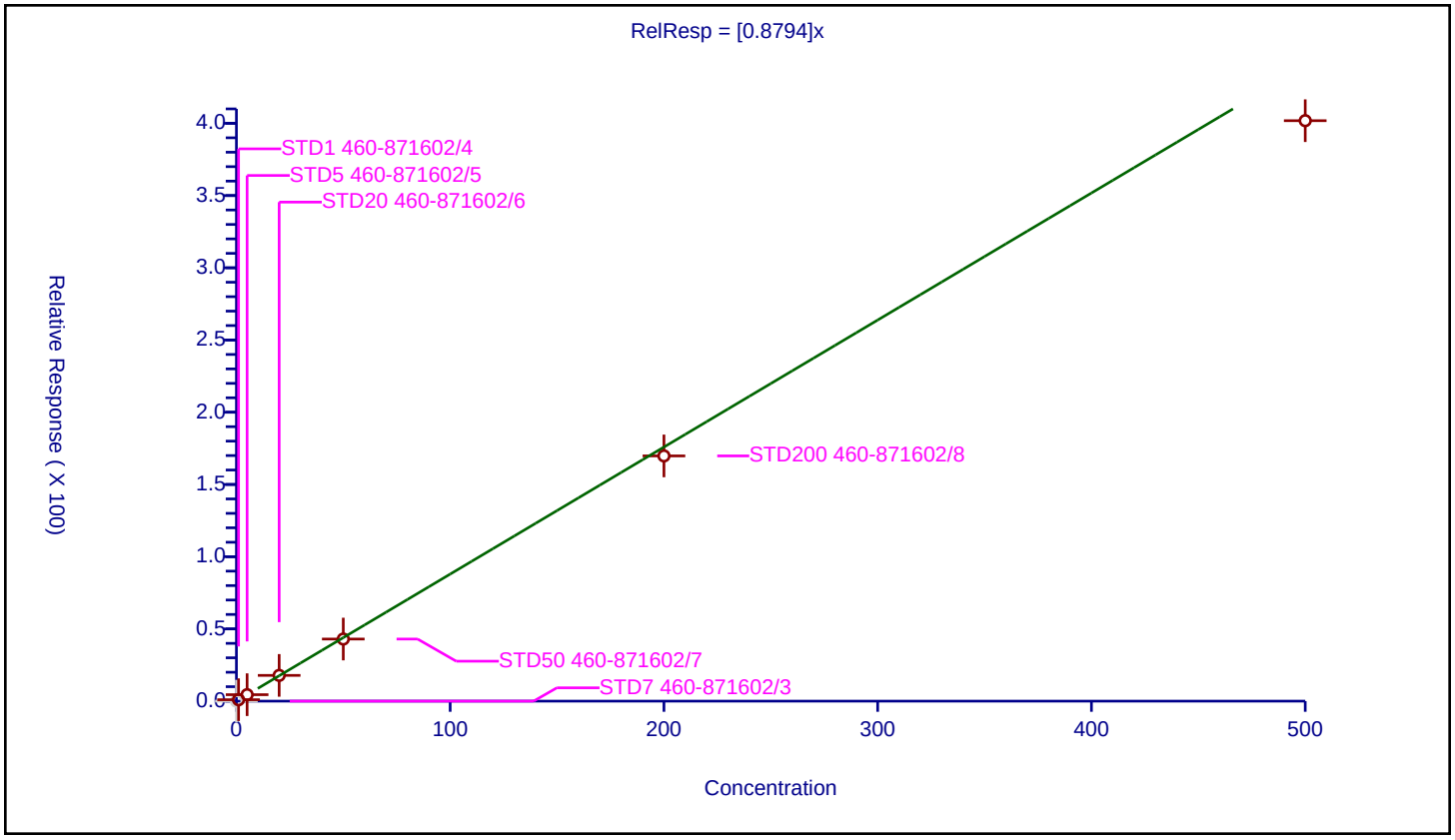
Curve Coefficients

Intercept:	0
Slope:	0.8794

Error Coefficients

Standard Error:	1500000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.977776	50.0	345836.0	0.977776	Y
3	STD5 460-871602/5	5.0	4.476435	50.0	343778.0	0.895287	Y
4	STD20 460-871602/6	20.0	17.826065	50.0	344187.0	0.891303	Y
5	STD50 460-871602/7	50.0	42.986812	50.0	359266.0	0.859736	Y
6	STD200 460-871602/8	200.0	169.760678	50.0	362022.0	0.848803	Y
7	STD500 460-871602/9	500.0	401.838024	50.0	387427.0	0.803676	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

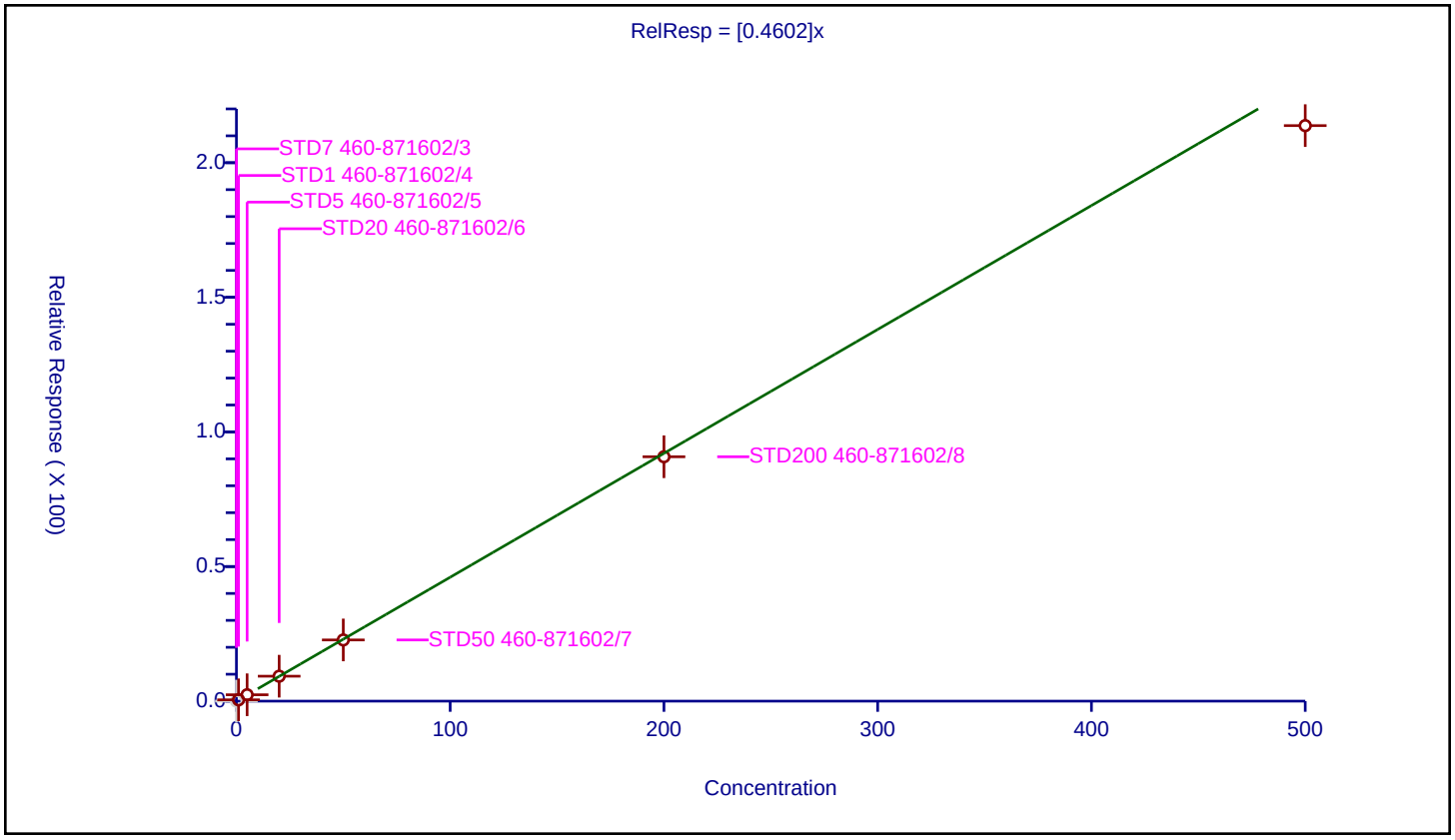
Curve Coefficients

Intercept:	0
Slope:	0.4602

Error Coefficients

Standard Error:	801000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.010105	50.0	351311.0		N
2	STD1 460-871602/4	1.0	0.487225	50.0	345836.0	0.487225	Y
3	STD5 460-871602/5	5.0	2.372752	50.0	343778.0	0.47455	Y
4	STD20 460-871602/6	20.0	9.270106	50.0	344187.0	0.463505	Y
5	STD50 460-871602/7	50.0	22.733852	50.0	359266.0	0.454677	Y
6	STD200 460-871602/8	200.0	90.775146	50.0	362022.0	0.453876	Y
7	STD500 460-871602/9	500.0	213.784532	50.0	387427.0	0.427569	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

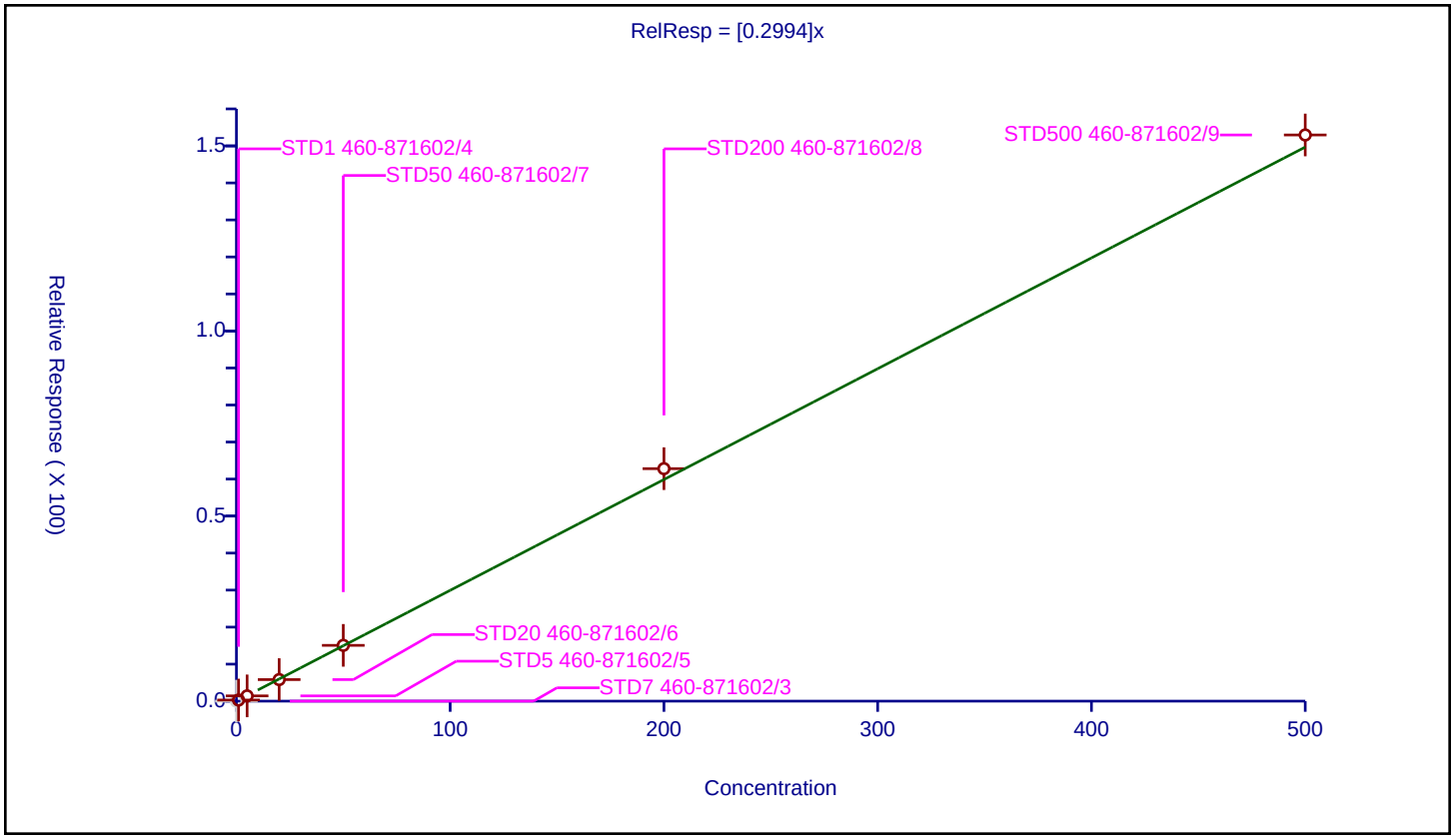
Curve Coefficients

Intercept:	0
Slope:	0.2994

Error Coefficients

Standard Error:	570000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.299709	50.0	345836.0	0.299709	Y
3	STD5 460-871602/5	5.0	1.419812	50.0	343778.0	0.283962	Y
4	STD20 460-871602/6	20.0	5.822416	50.0	344187.0	0.291121	Y
5	STD50 460-871602/7	50.0	15.069197	50.0	359266.0	0.301384	Y
6	STD200 460-871602/8	200.0	62.803089	50.0	362022.0	0.314015	Y
7	STD500 460-871602/9	500.0	152.958622	50.0	387427.0	0.305917	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

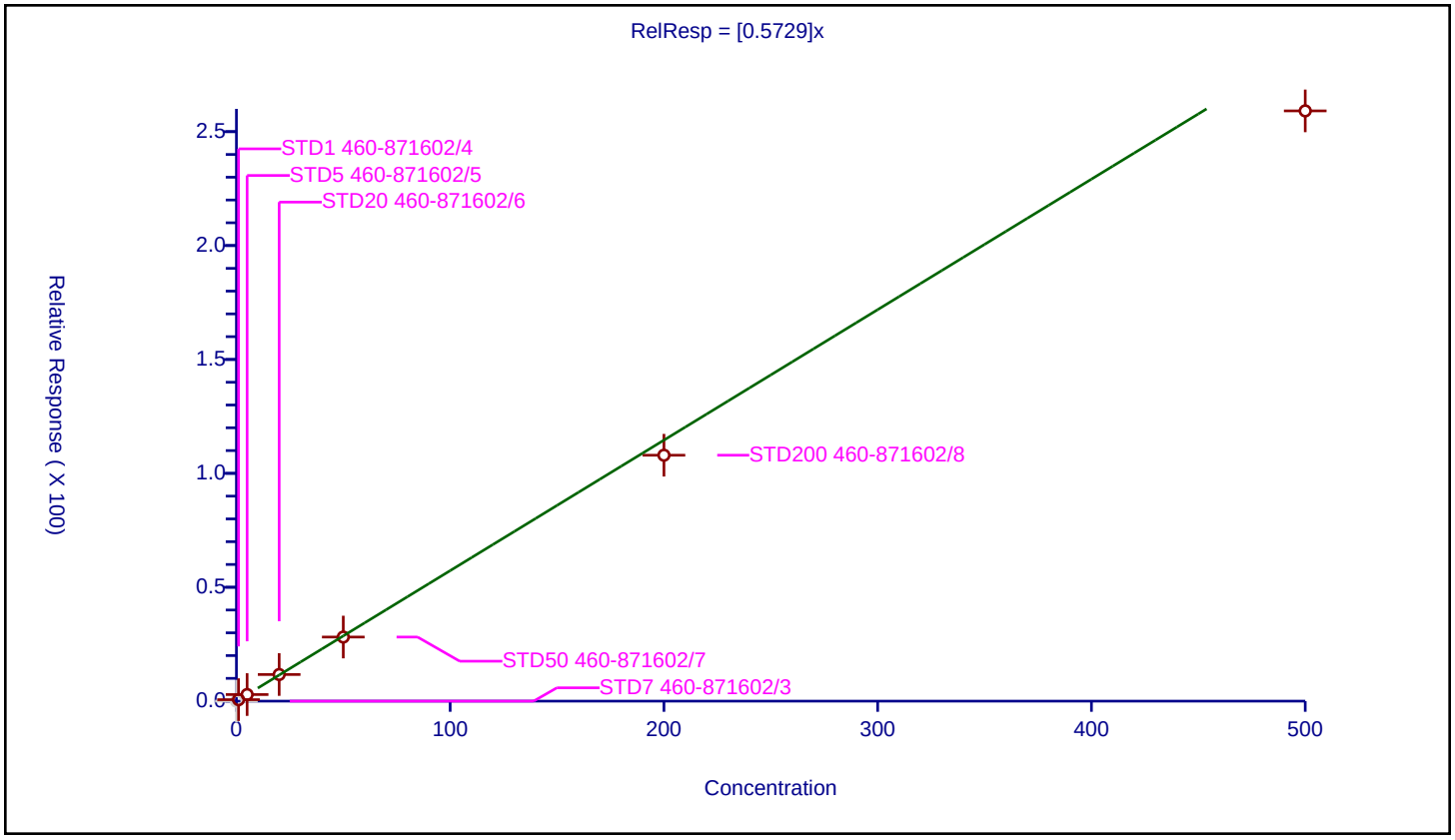
Curve Coefficients

Intercept:	0
Slope:	0.5729

Error Coefficients

Standard Error:	968000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.652621	50.0	345836.0	0.652621	Y
3	STD5 460-871602/5	5.0	2.896346	50.0	343778.0	0.579269	Y
4	STD20 460-871602/6	20.0	11.688849	50.0	344187.0	0.584442	Y
5	STD50 460-871602/7	50.0	28.142797	50.0	359266.0	0.562856	Y
6	STD200 460-871602/8	200.0	107.964019	50.0	362022.0	0.53982	Y
7	STD500 460-871602/9	500.0	259.123912	50.0	387427.0	0.518248	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

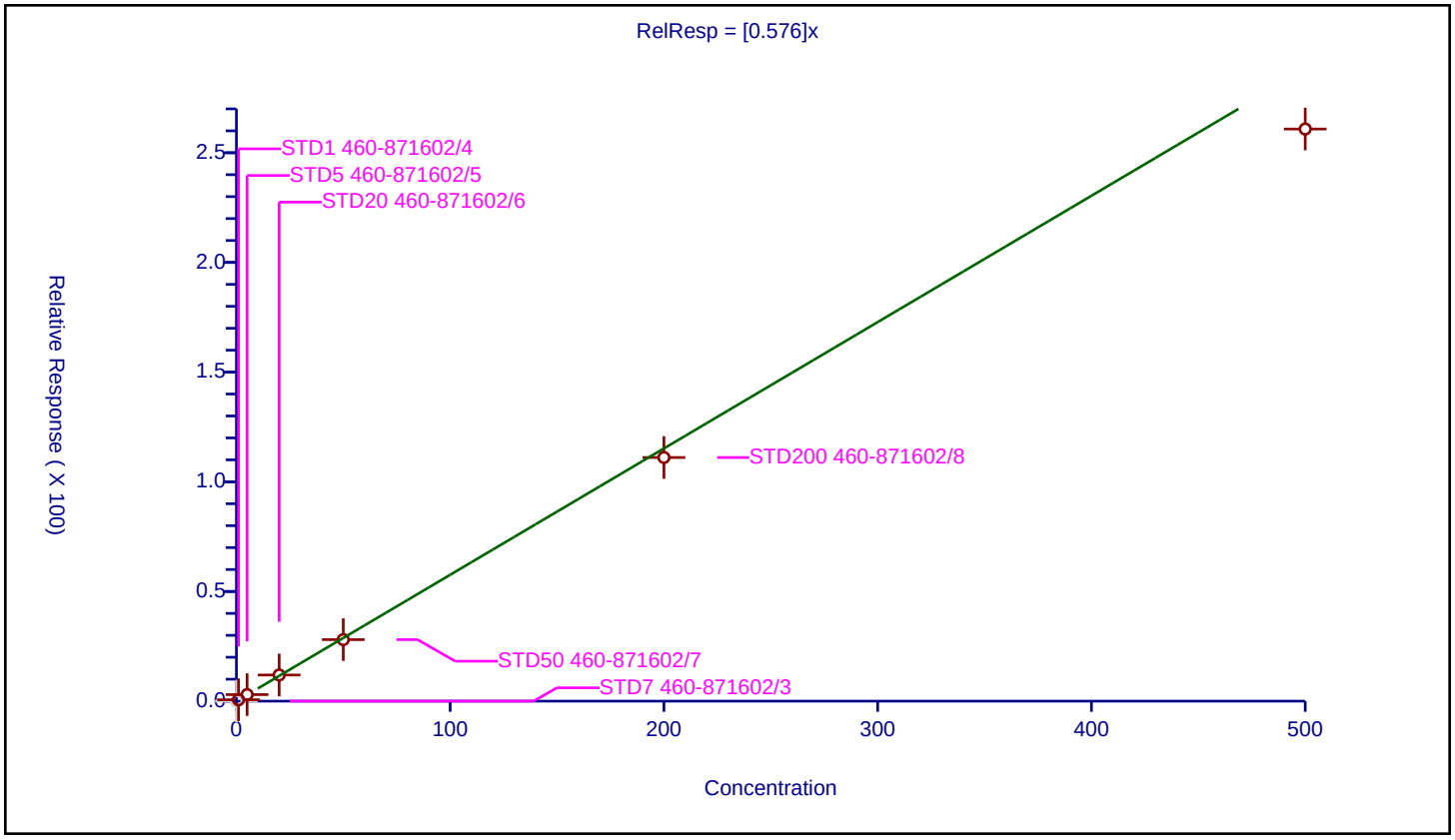
Curve Coefficients

Intercept:	0
Slope:	0.576

Error Coefficients

Standard Error:	978000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.625296	50.0	345836.0	0.625296	Y
3	STD5 460-871602/5	5.0	2.984775	50.0	343778.0	0.596955	Y
4	STD20 460-871602/6	20.0	11.915616	50.0	344187.0	0.595781	Y
5	STD50 460-871602/7	50.0	28.045376	50.0	359266.0	0.560908	Y
6	STD200 460-871602/8	200.0	111.067836	50.0	362022.0	0.555339	Y
7	STD500 460-871602/9	500.0	260.822426	50.0	387427.0	0.521645	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

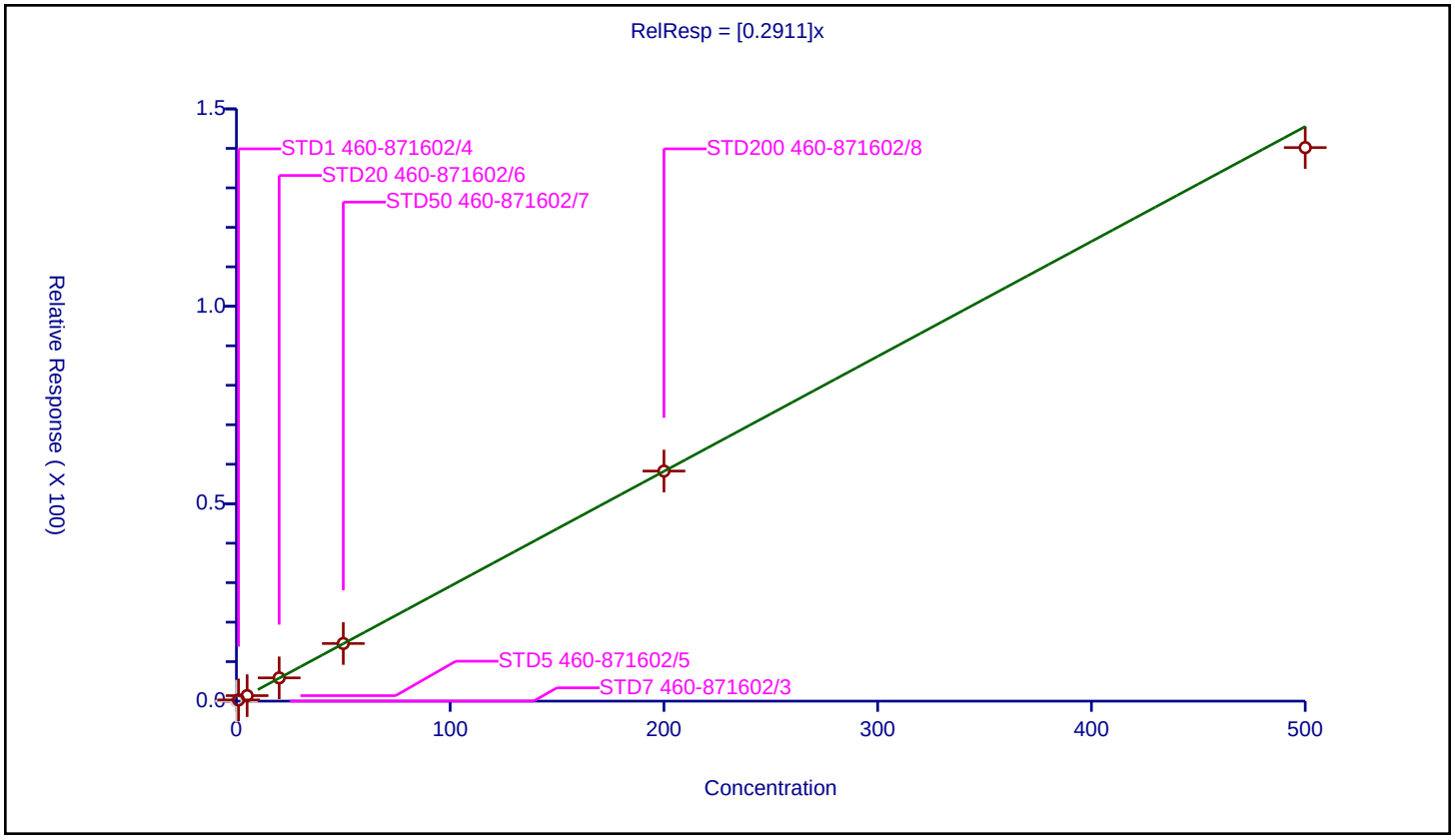
Curve Coefficients

Intercept:	0
Slope:	0.2911

Error Coefficients

Standard Error:	524000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.309251	50.0	345836.0	0.309251	Y
3	STD5 460-871602/5	5.0	1.394505	50.0	343778.0	0.278901	Y
4	STD20 460-871602/6	20.0	5.889386	50.0	344187.0	0.294469	Y
5	STD50 460-871602/7	50.0	14.599489	50.0	359266.0	0.29199	Y
6	STD200 460-871602/8	200.0	58.272011	50.0	362022.0	0.29136	Y
7	STD500 460-871602/9	500.0	140.196218	50.0	387427.0	0.280392	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

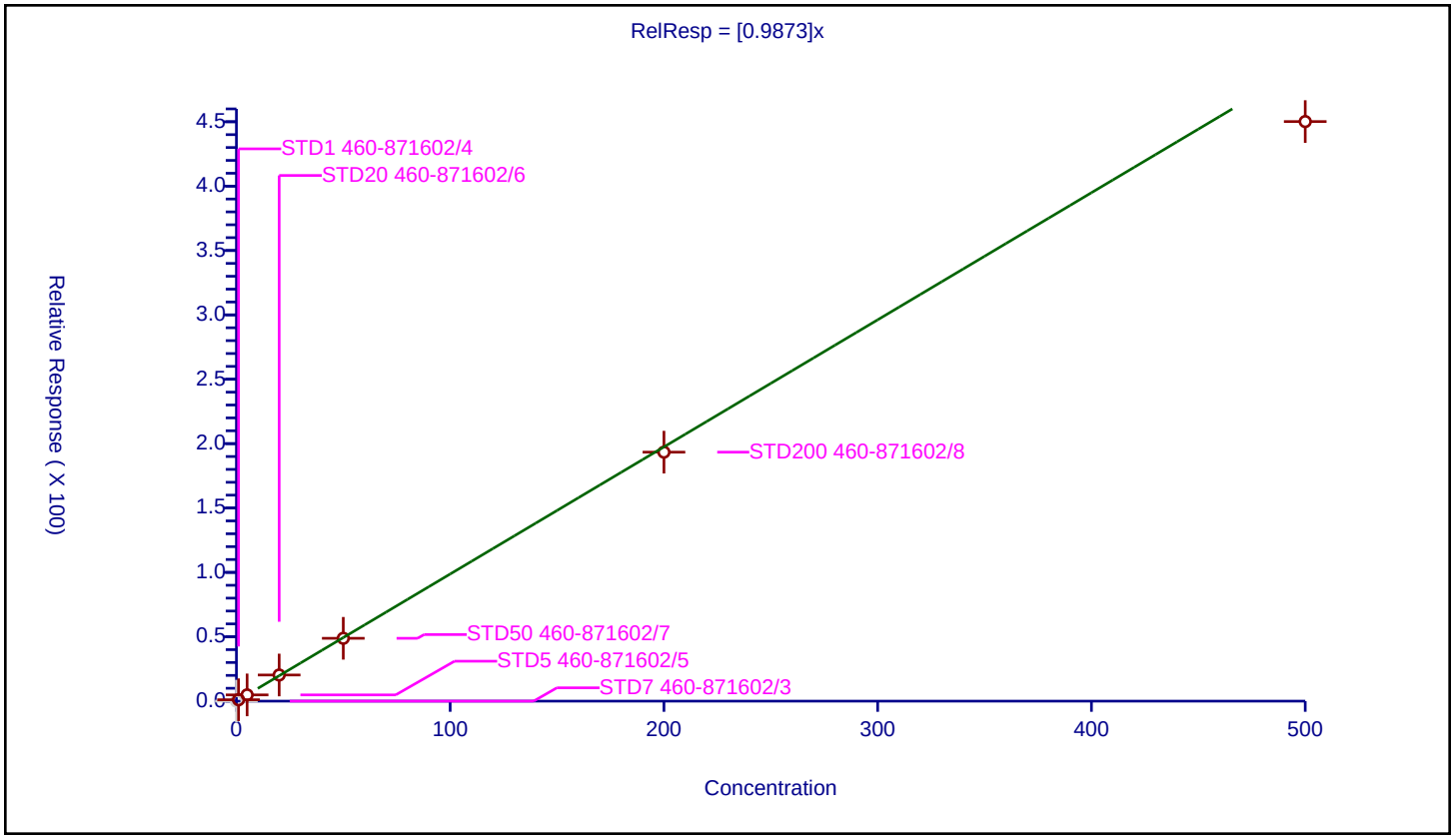
Curve Coefficients

Intercept:	0
Slope:	0.9873

Error Coefficients

Standard Error:	1690000
Relative Standard Error:	6.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	1.094739	50.0	345836.0	1.094739	Y
3	STD5 460-871602/5	5.0	4.852841	50.0	343778.0	0.970568	Y
4	STD20 460-871602/6	20.0	20.299721	50.0	344187.0	1.014986	Y
5	STD50 460-871602/7	50.0	48.803811	50.0	359266.0	0.976076	Y
6	STD200 460-871602/8	200.0	193.39612	50.0	362022.0	0.966981	Y
7	STD500 460-871602/9	500.0	450.162998	50.0	387427.0	0.900326	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

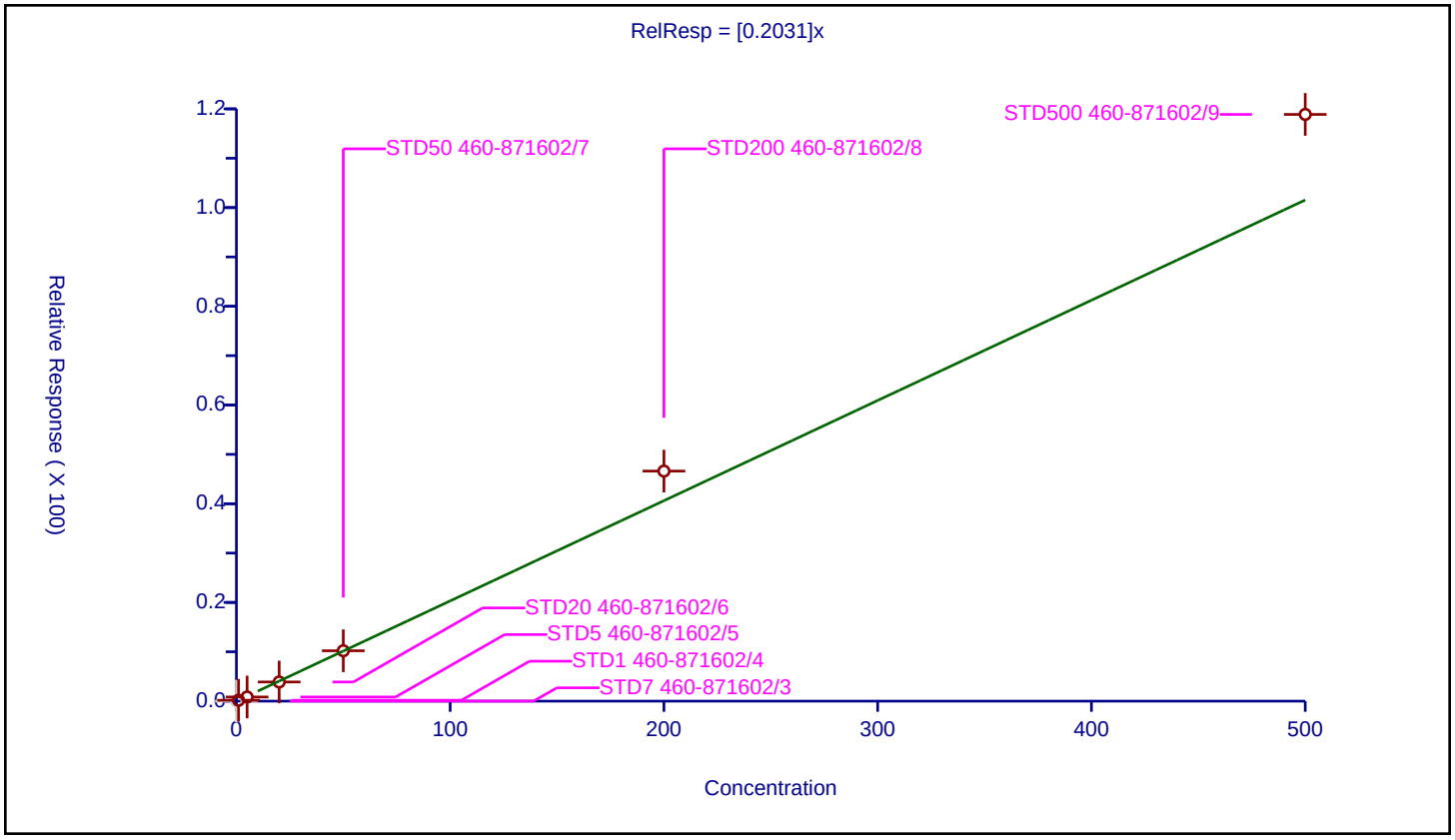
Curve Coefficients

Intercept:	0
Slope:	0.2031

Error Coefficients

Standard Error:	440000
Relative Standard Error:	13.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.981

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	0.181734	50.0	345836.0	0.181734	Y
3	STD5 460-871602/5	5.0	0.838041	50.0	343778.0	0.167608	Y
4	STD20 460-871602/6	20.0	3.883354	50.0	344187.0	0.194168	Y
5	STD50 460-871602/7	50.0	10.206087	50.0	359266.0	0.204122	Y
6	STD200 460-871602/8	200.0	46.61167	50.0	362022.0	0.233058	Y
7	STD500 460-871602/9	500.0	118.880073	50.0	387427.0	0.23776	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

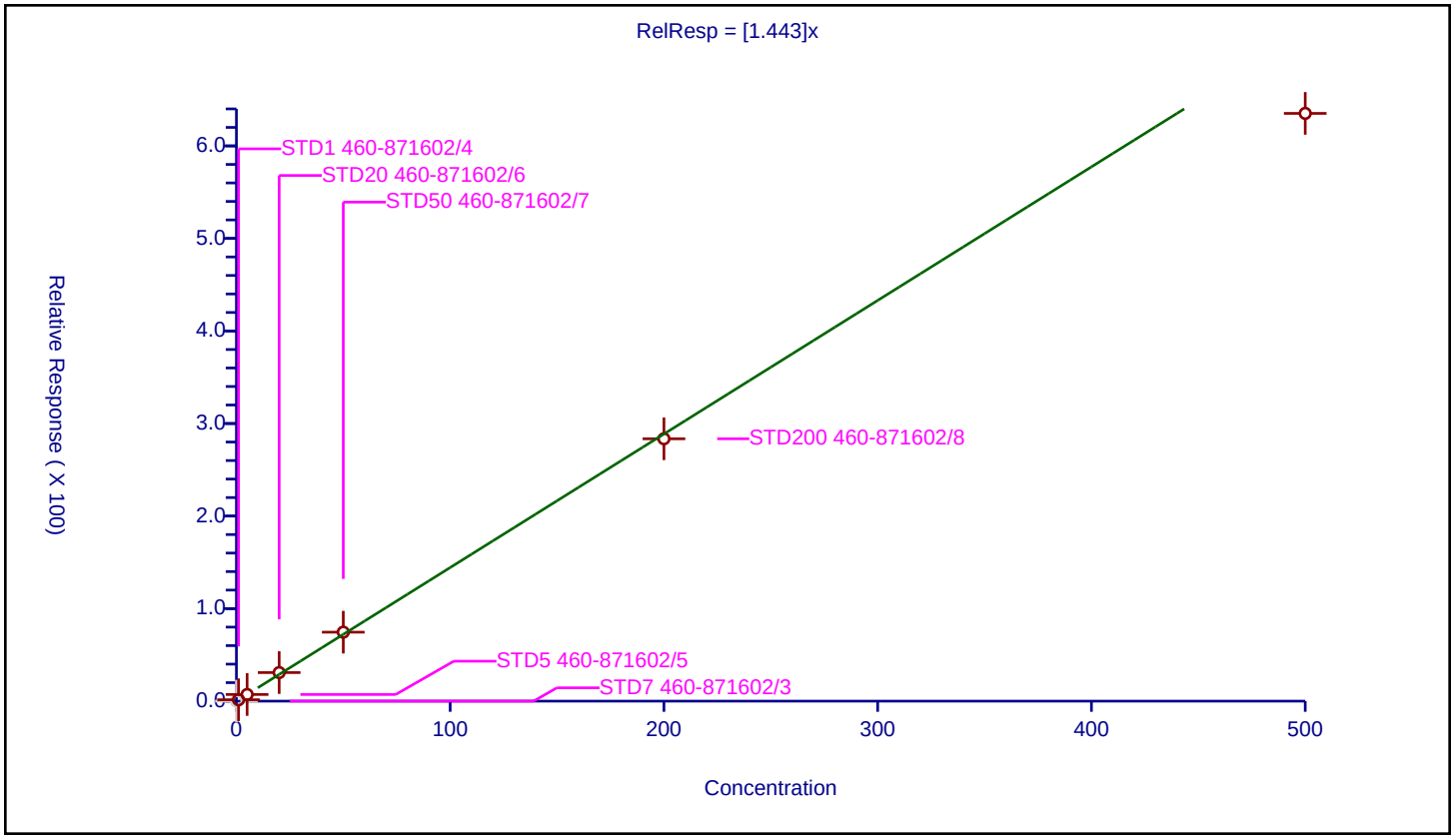
Curve Coefficients

Intercept:	0
Slope:	1.443

Error Coefficients

Standard Error:	1410000
Relative Standard Error:	6.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.49978	50.0	189061.0	1.49978	Y
3	STD5 460-871602/5	5.0	7.192111	50.0	189541.0	1.438422	Y
4	STD20 460-871602/6	20.0	30.882182	50.0	189292.0	1.544109	Y
5	STD50 460-871602/7	50.0	74.523869	50.0	195797.0	1.490477	Y
6	STD200 460-871602/8	200.0	283.502623	50.0	203202.0	1.417513	Y
7	STD500 460-871602/9	500.0	635.144717	50.0	229171.0	1.270289	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

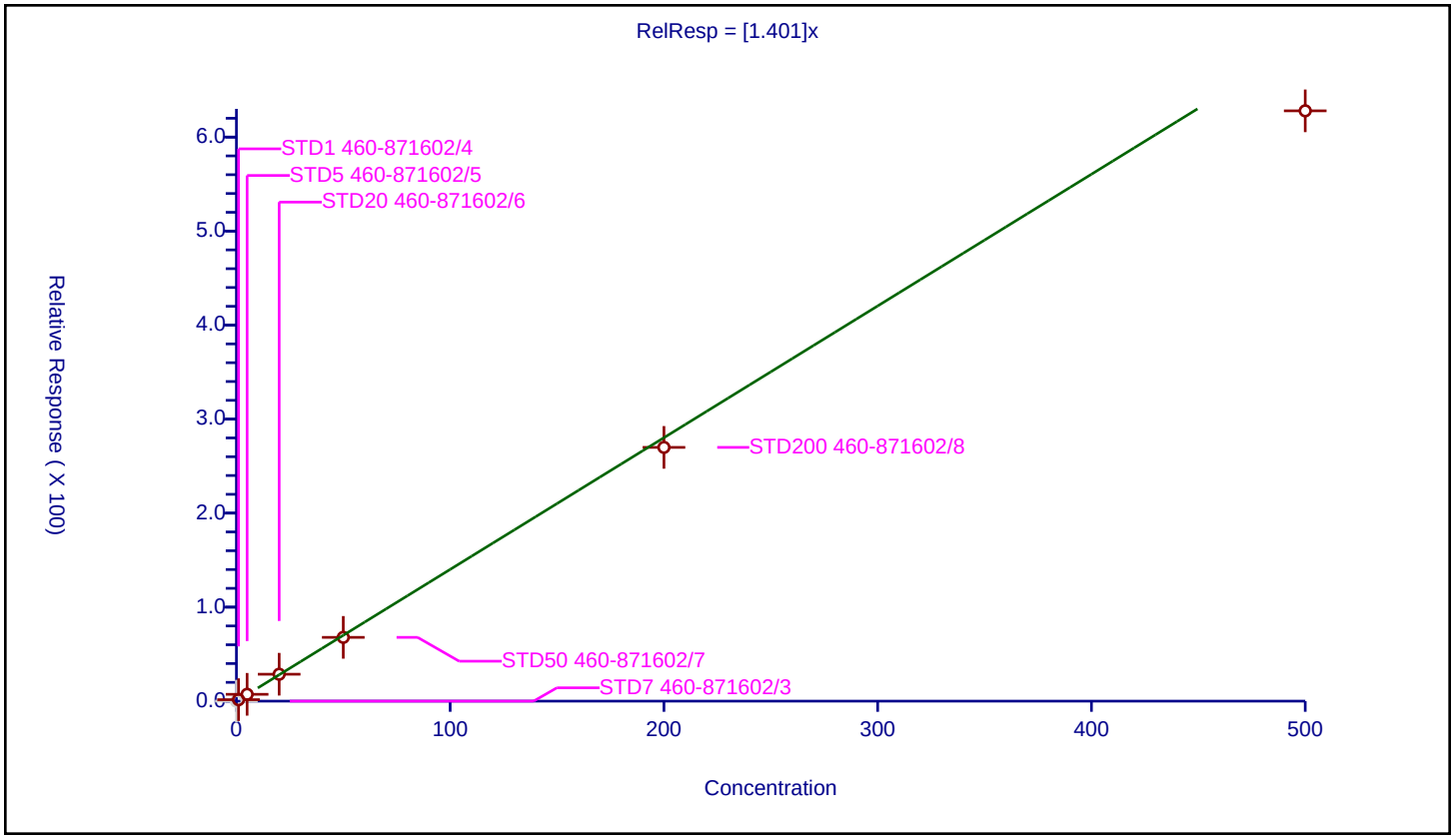
Curve Coefficients

Intercept:	0
Slope:	1.401

Error Coefficients

Standard Error:	2360000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	351311.0	NaN	N
2	STD1 460-871602/4	1.0	1.562735	50.0	345836.0	1.562735	Y
3	STD5 460-871602/5	5.0	7.258172	50.0	343778.0	1.451634	Y
4	STD20 460-871602/6	20.0	28.618309	50.0	344187.0	1.430915	Y
5	STD50 460-871602/7	50.0	67.844717	50.0	359266.0	1.356894	Y
6	STD200 460-871602/8	200.0	269.928761	50.0	362022.0	1.349644	Y
7	STD500 460-871602/9	500.0	627.933004	50.0	387427.0	1.255866	Y



Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

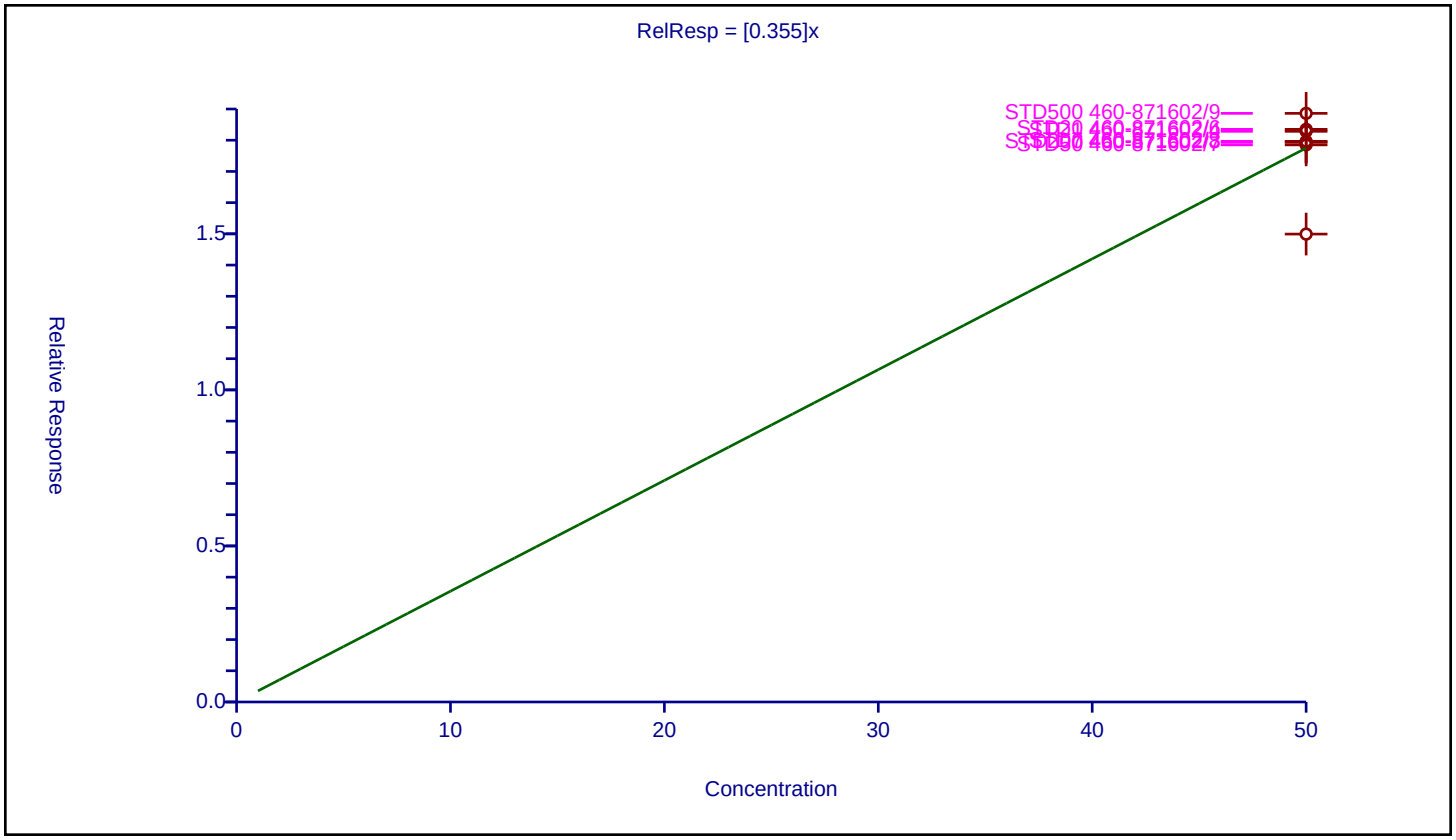
Curve Coefficients

Intercept:	0
Slope:	0.355

Error Coefficients

Standard Error:	137000
Relative Standard Error:	7.1
Correlation Coefficient:	NA
Coefficient of Determination (Adjusted):	0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	50.0	17.964567	50.0	351311.0	0.359291	Y
2	STD1 460-871602/4	50.0	18.284967	50.0	345836.0	0.365699	Y
3	STD5 460-871602/5	50.0	14.992815	50.0	343778.0	0.299856	Y
4	STD20 460-871602/6	50.0	18.349182	50.0	344187.0	0.366984	Y
5	STD50 460-871602/7	50.0	17.851119	50.0	359266.0	0.357022	Y
6	STD200 460-871602/8	50.0	17.934269	50.0	362022.0	0.358685	Y
7	STD500 460-871602/9	50.0	18.860456	50.0	387427.0	0.377209	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

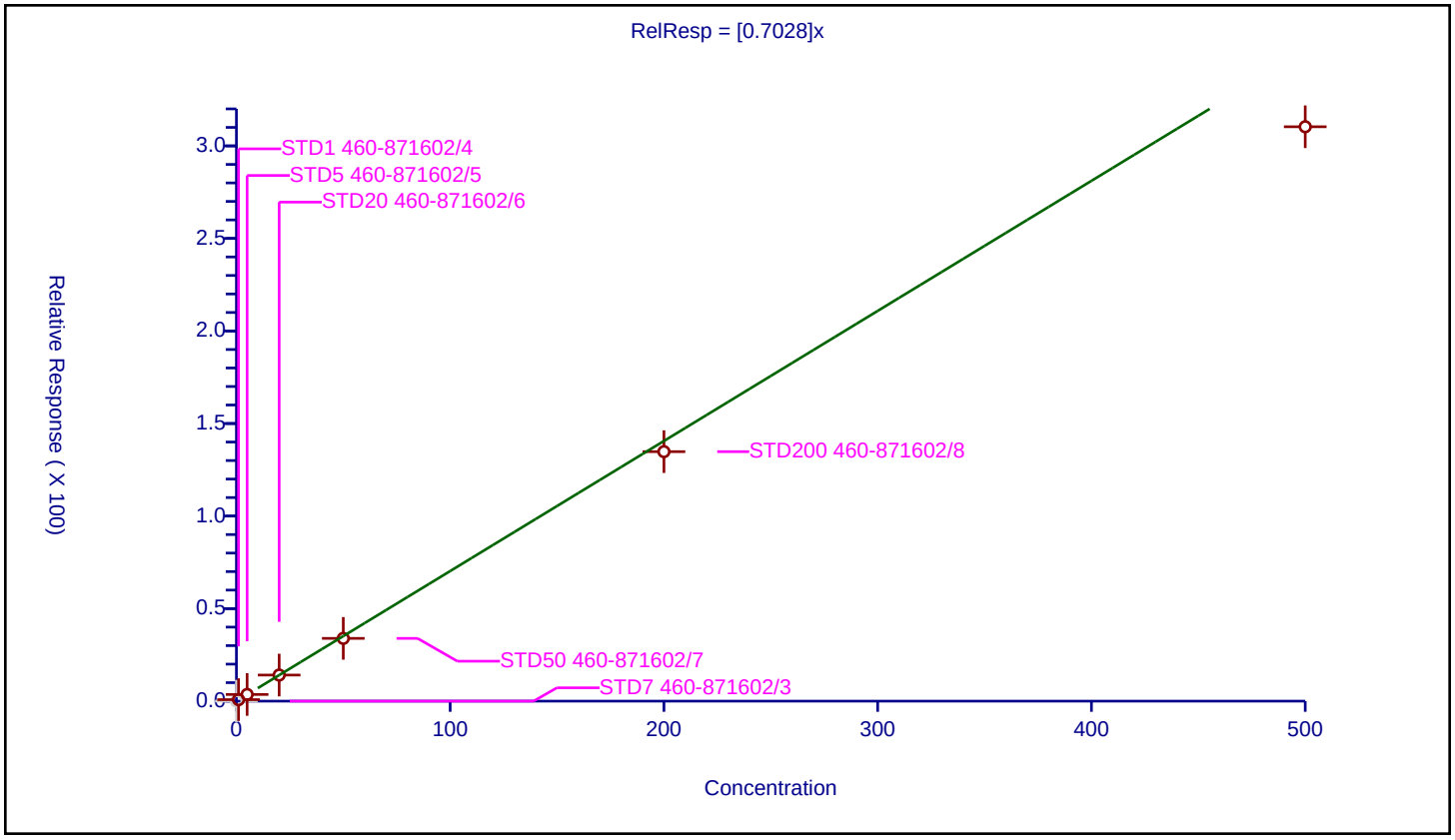
Curve Coefficients

Intercept:	0
Slope:	0.7028

Error Coefficients

Standard Error:	685000
Relative Standard Error:	9.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.817197	50.0	189061.0	0.817197	Y
3	STD5 460-871602/5	5.0	3.611883	50.0	189541.0	0.722377	Y
4	STD20 460-871602/6	20.0	14.091192	50.0	189292.0	0.70456	Y
5	STD50 460-871602/7	50.0	33.906035	50.0	195797.0	0.678121	Y
6	STD200 460-871602/8	200.0	134.804283	50.0	203202.0	0.674021	Y
7	STD500 460-871602/9	500.0	310.339877	50.0	229171.0	0.62068	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

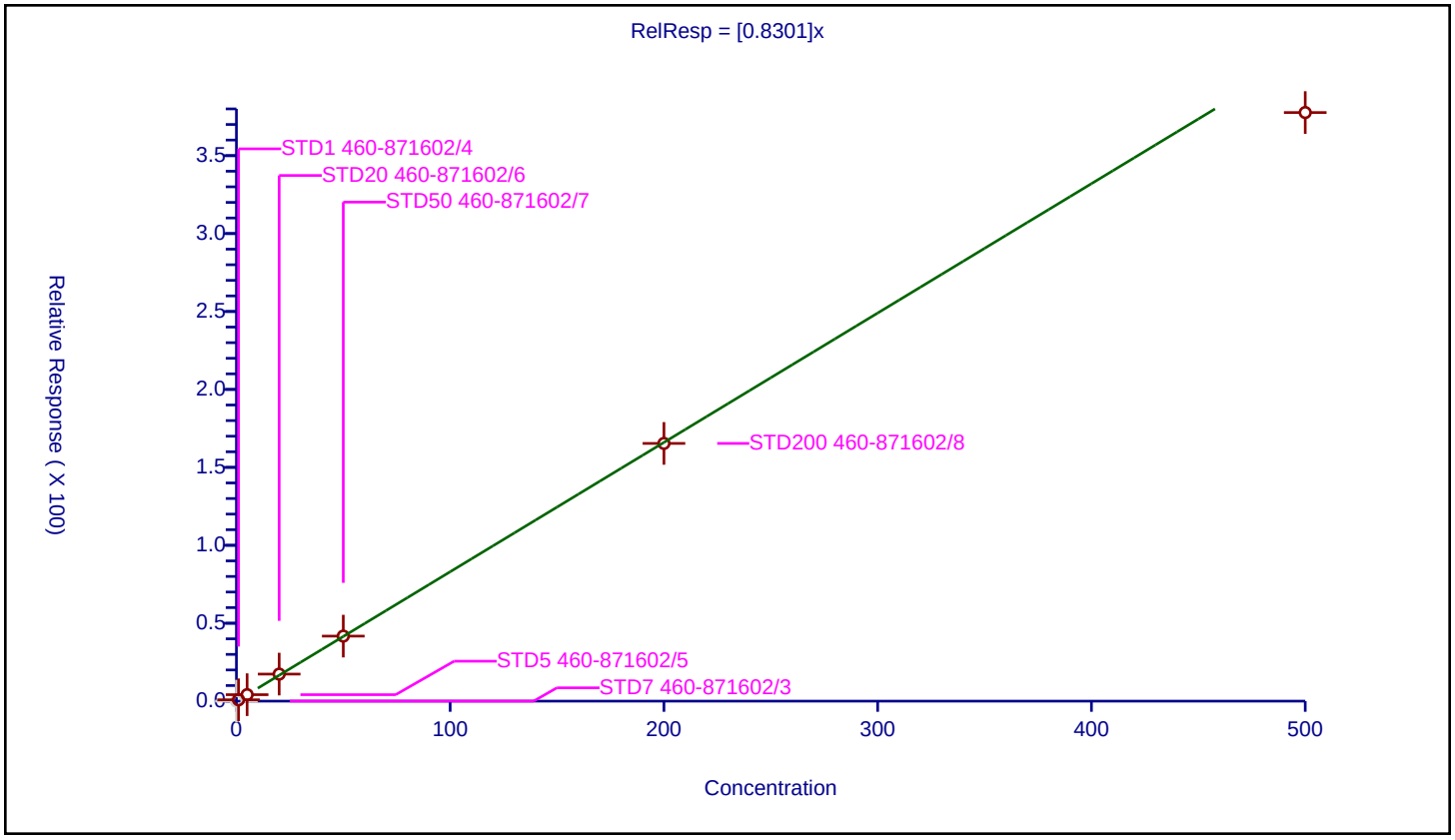
Curve Coefficients

Intercept:	0
Slope:	0.8301

Error Coefficients

Standard Error:	834000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.866387	50.0	189061.0	0.866387	Y
3	STD5 460-871602/5	5.0	4.149762	50.0	189541.0	0.829952	Y
4	STD20 460-871602/6	20.0	17.348065	50.0	189292.0	0.867403	Y
5	STD50 460-871602/7	50.0	41.727657	50.0	195797.0	0.834553	Y
6	STD200 460-871602/8	200.0	165.353934	50.0	203202.0	0.82677	Y
7	STD500 460-871602/9	500.0	377.66515	50.0	229171.0	0.75533	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

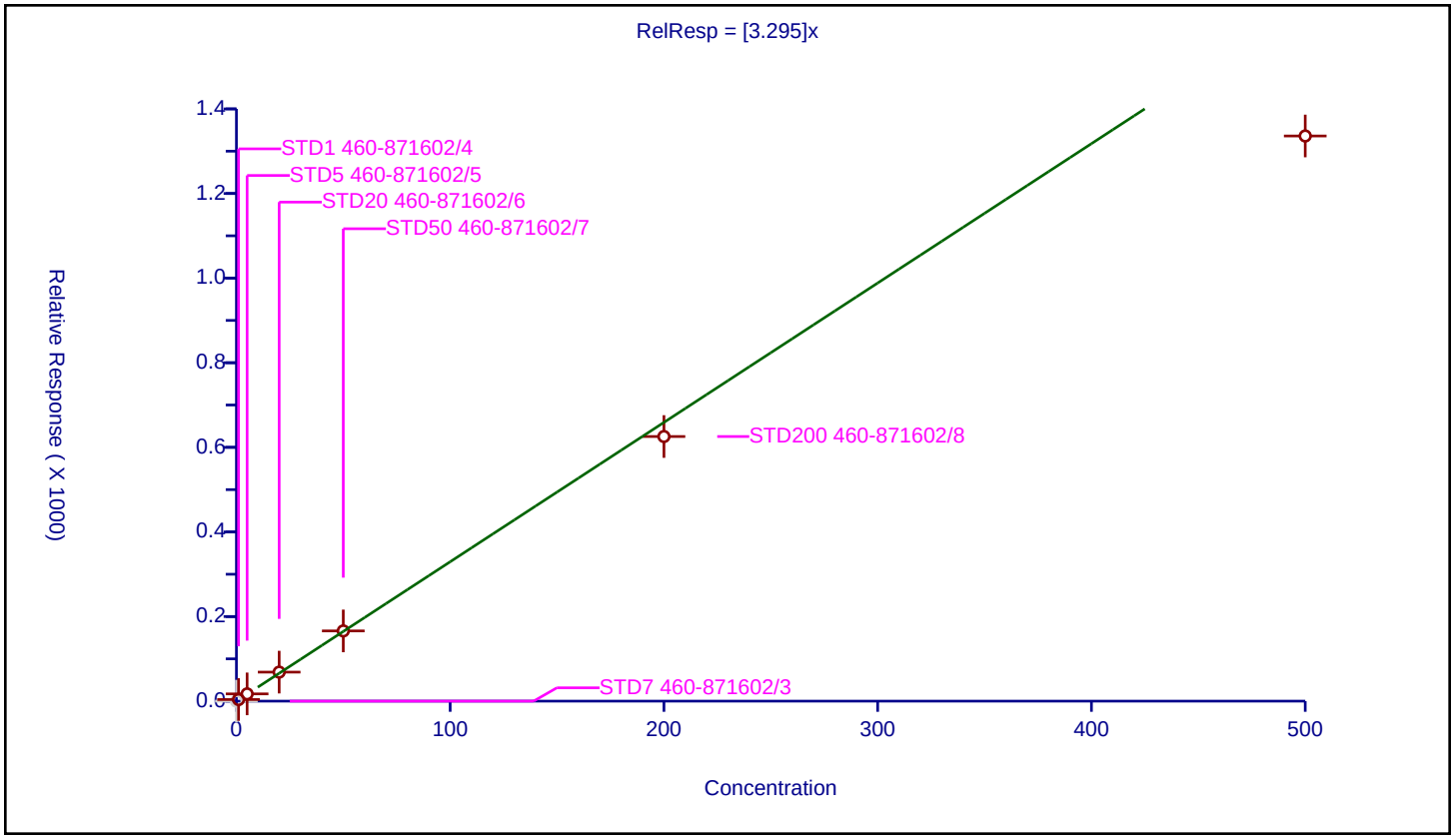
Curve Coefficients

Intercept:	0
Slope:	3.295

Error Coefficients

Standard Error:	2980000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	3.791633	50.0	189061.0	3.791633	Y
3	STD5 460-871602/5	5.0	17.136134	50.0	189541.0	3.427227	Y
4	STD20 460-871602/6	20.0	68.591647	50.0	189292.0	3.429582	Y
5	STD50 460-871602/7	50.0	165.998202	50.0	195797.0	3.319964	Y
6	STD200 460-871602/8	200.0	625.513774	50.0	203202.0	3.127569	Y
7	STD500 460-871602/9	500.0	1335.976629	50.0	229171.0	2.671953	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

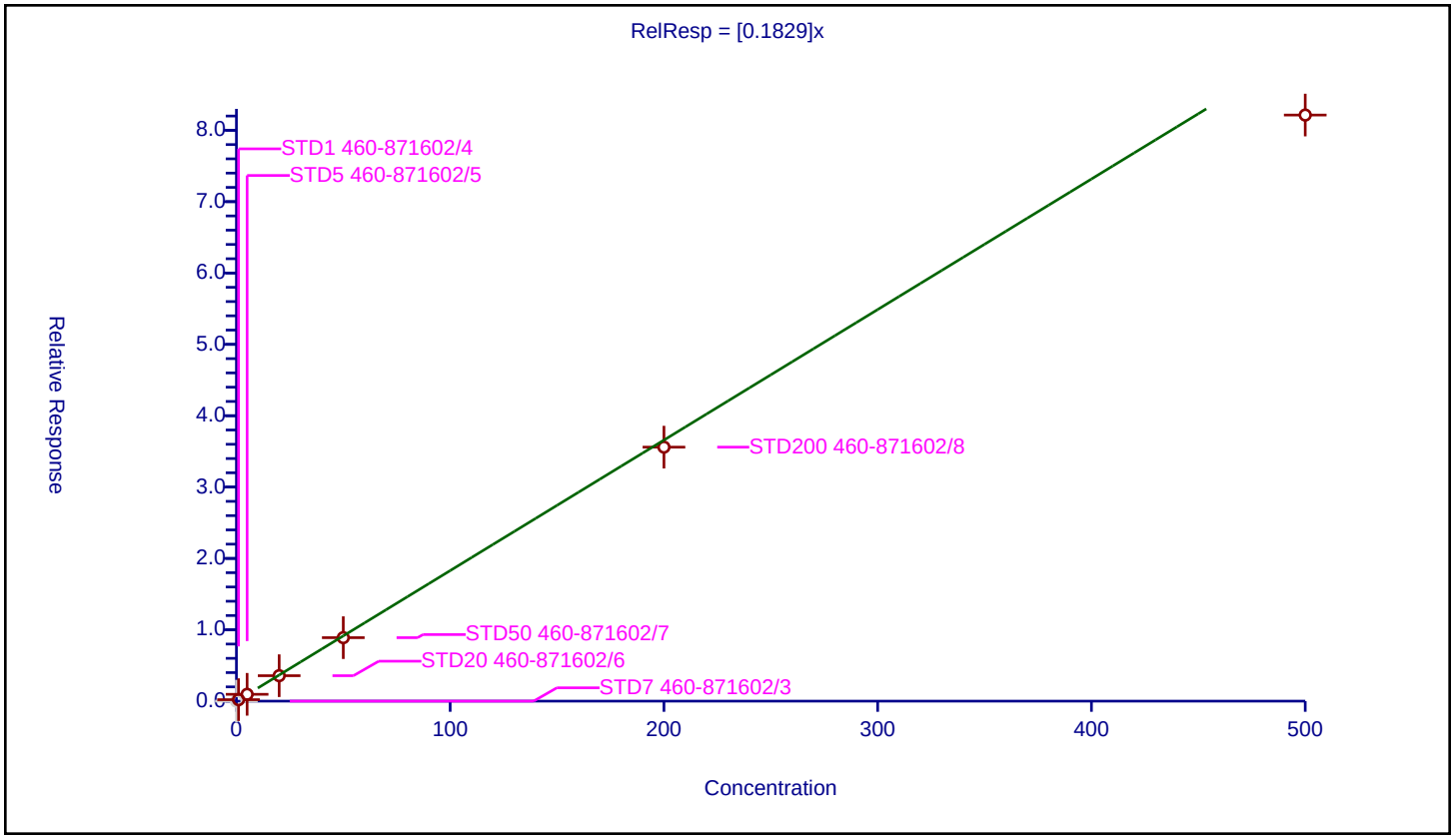
Curve Coefficients

Intercept:	0
Slope:	0.1829

Error Coefficients

Standard Error:	181000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.207605	50.0	189061.0	0.207605	Y
3	STD5 460-871602/5	5.0	0.957049	50.0	189541.0	0.19141	Y
4	STD20 460-871602/6	20.0	3.568032	50.0	189292.0	0.178402	Y
5	STD50 460-871602/7	50.0	8.896204	50.0	195797.0	0.177924	Y
6	STD200 460-871602/8	200.0	35.597091	50.0	203202.0	0.177985	Y
7	STD500 460-871602/9	500.0	82.139101	50.0	229171.0	0.164278	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

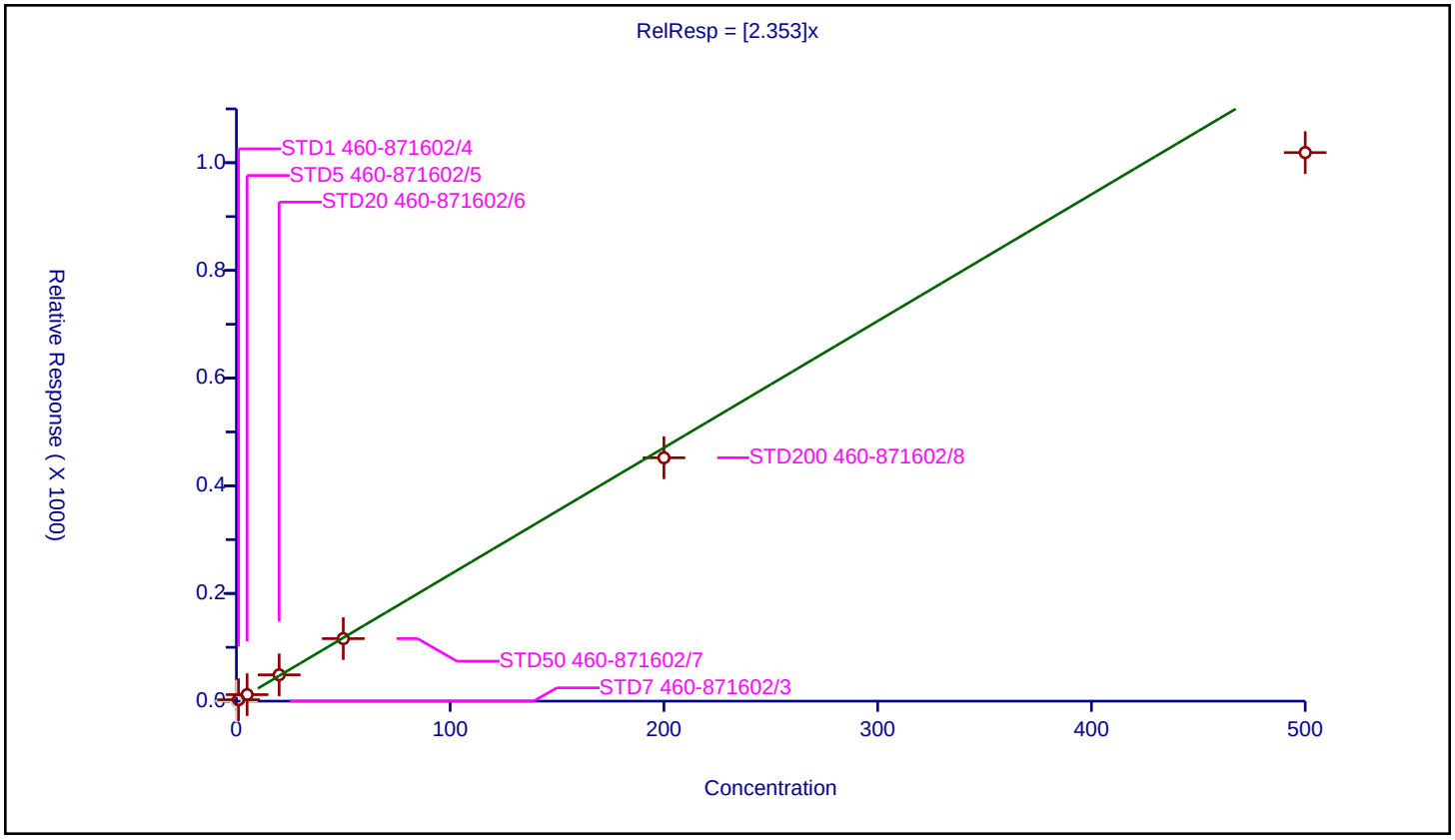
Curve Coefficients

Intercept:	0
Slope:	2.353

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	8.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.632219	50.0	189061.0	2.632219	Y
3	STD5 460-871602/5	5.0	12.11875	50.0	189541.0	2.42375	Y
4	STD20 460-871602/6	20.0	48.846227	50.0	189292.0	2.442311	Y
5	STD50 460-871602/7	50.0	116.110308	50.0	195797.0	2.322206	Y
6	STD200 460-871602/8	200.0	452.015974	50.0	203202.0	2.26008	Y
7	STD500 460-871602/9	500.0	1018.836589	50.0	229171.0	2.037673	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

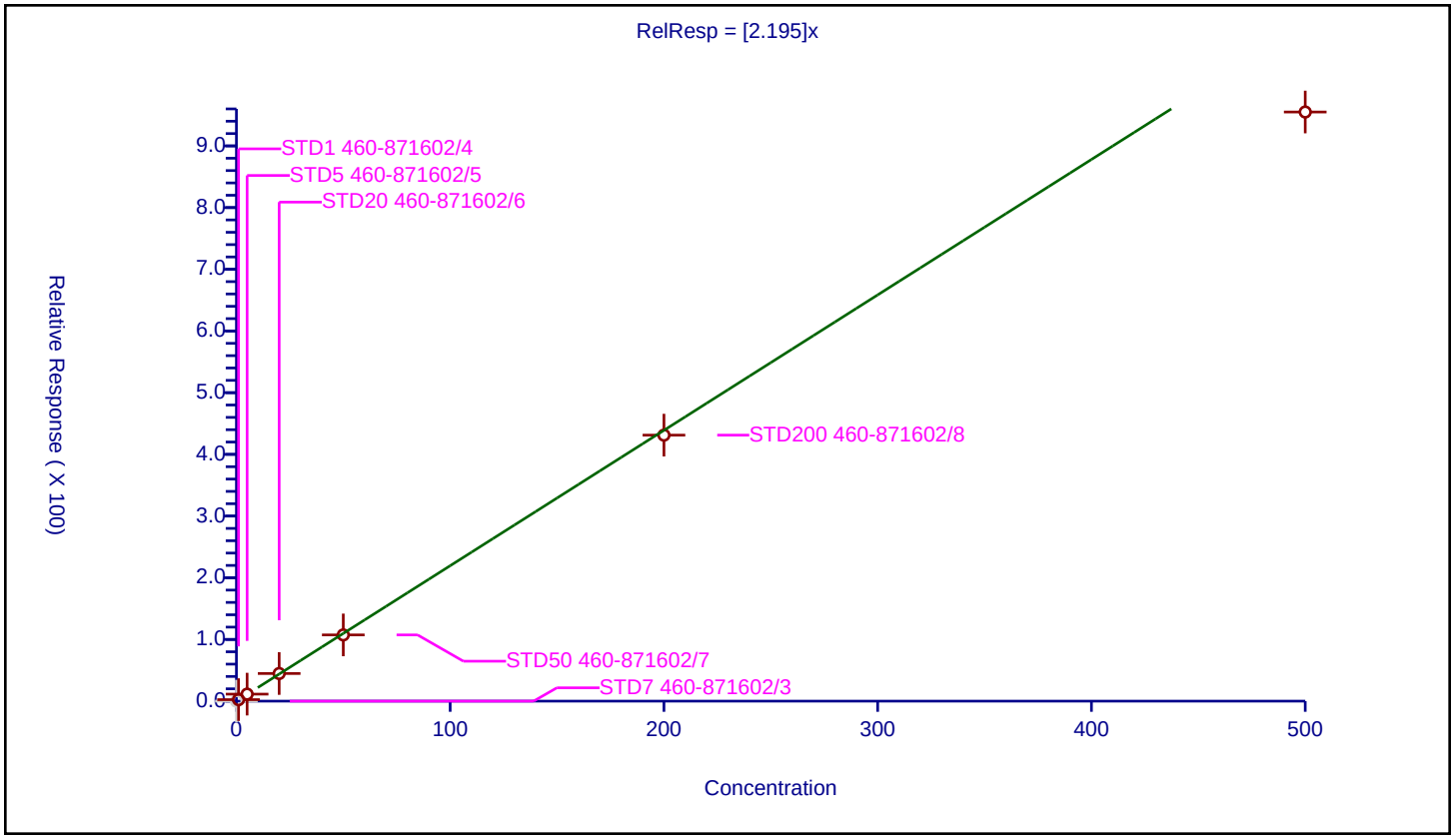
Curve Coefficients

Intercept:	0
Slope:	2.195

Error Coefficients

Standard Error:	2120000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.44392	50.0	189061.0	2.44392	Y
3	STD5 460-871602/5	5.0	11.37432	50.0	189541.0	2.274864	Y
4	STD20 460-871602/6	20.0	44.773419	50.0	189292.0	2.238671	Y
5	STD50 460-871602/7	50.0	107.33285	50.0	195797.0	2.146657	Y
6	STD200 460-871602/8	200.0	431.184732	50.0	203202.0	2.155924	Y
7	STD500 460-871602/9	500.0	954.957215	50.0	229171.0	1.909914	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

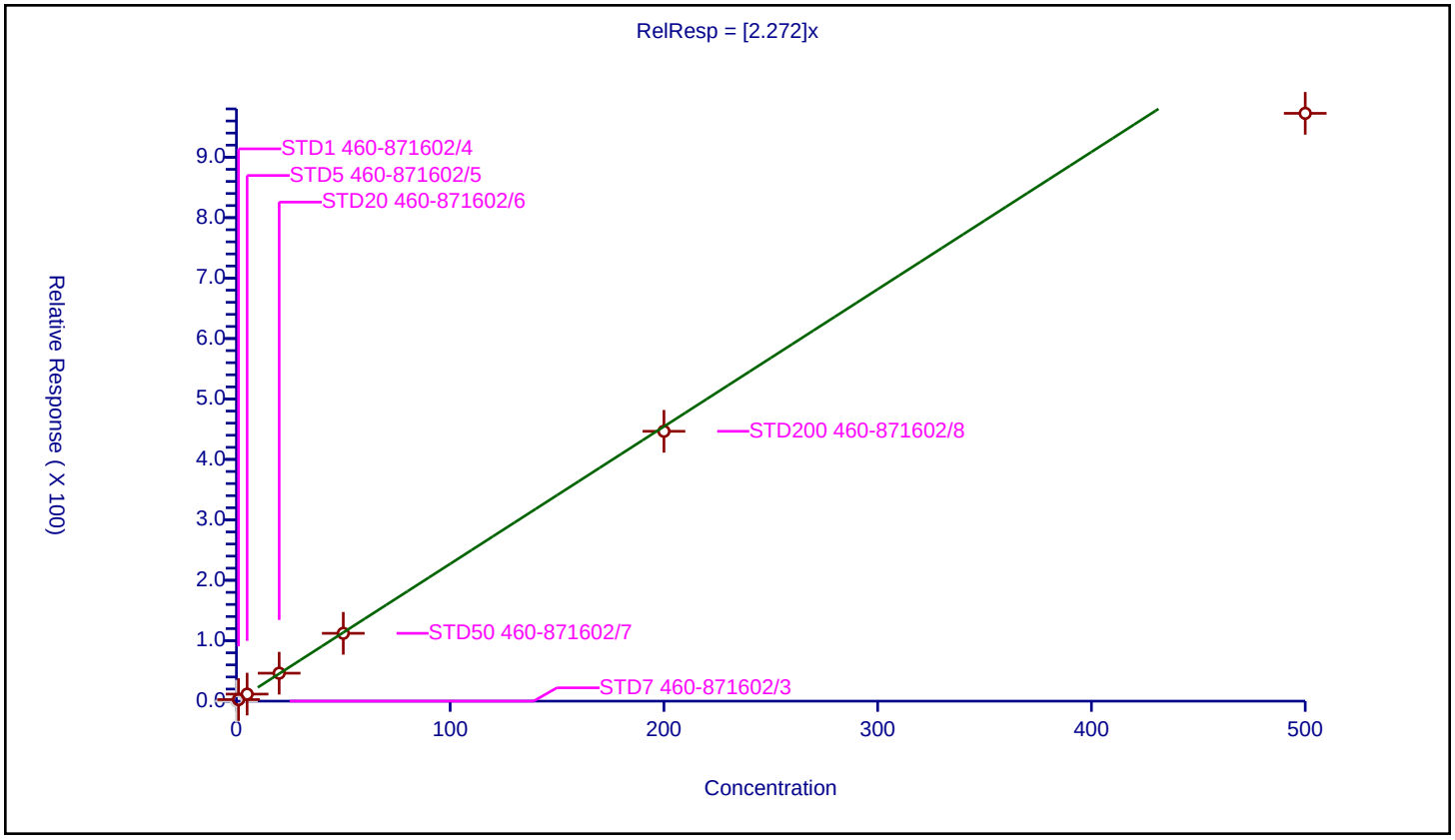
Curve Coefficients

Intercept:	0
Slope:	2.272

Error Coefficients

Standard Error:	2160000
Relative Standard Error:	8.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.56531	50.0	189061.0	2.56531	Y
3	STD5 460-871602/5	5.0	11.647612	50.0	189541.0	2.329522	Y
4	STD20 460-871602/6	20.0	46.271897	50.0	189292.0	2.313595	Y
5	STD50 460-871602/7	50.0	112.240994	50.0	195797.0	2.24482	Y
6	STD200 460-871602/8	200.0	446.497574	50.0	203202.0	2.232488	Y
7	STD500 460-871602/9	500.0	972.621754	50.0	229171.0	1.945244	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

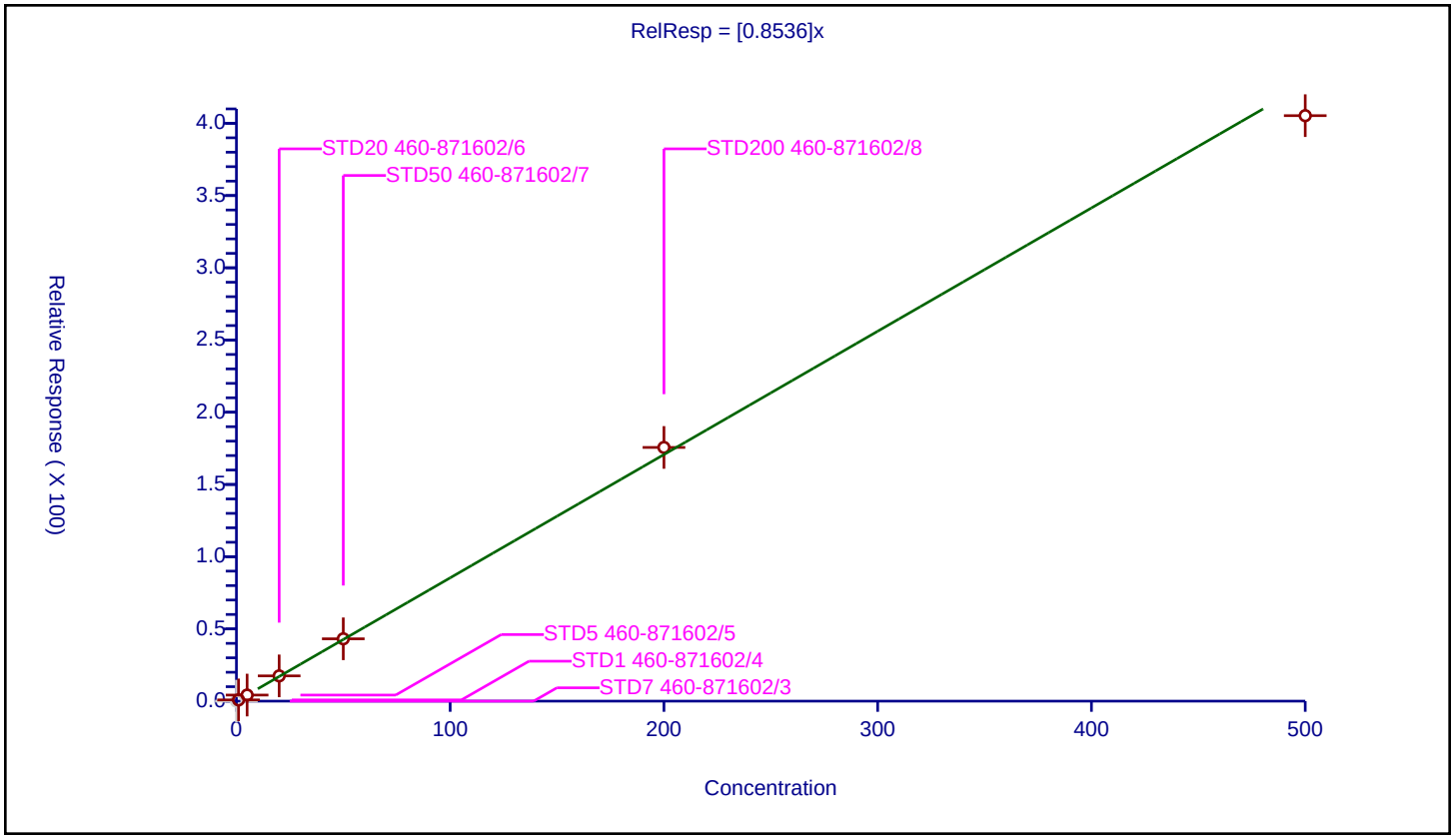
Curve Coefficients

Intercept:	0
Slope:	0.8536

Error Coefficients

Standard Error:	894000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.853428	50.0	189061.0	0.853428	Y
3	STD5 460-871602/5	5.0	4.210962	50.0	189541.0	0.842192	Y
4	STD20 460-871602/6	20.0	17.48225	50.0	189292.0	0.874112	Y
5	STD50 460-871602/7	50.0	43.146473	50.0	195797.0	0.862929	Y
6	STD200 460-871602/8	200.0	175.62401	50.0	203202.0	0.87812	Y
7	STD500 460-871602/9	500.0	405.314372	50.0	229171.0	0.810629	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

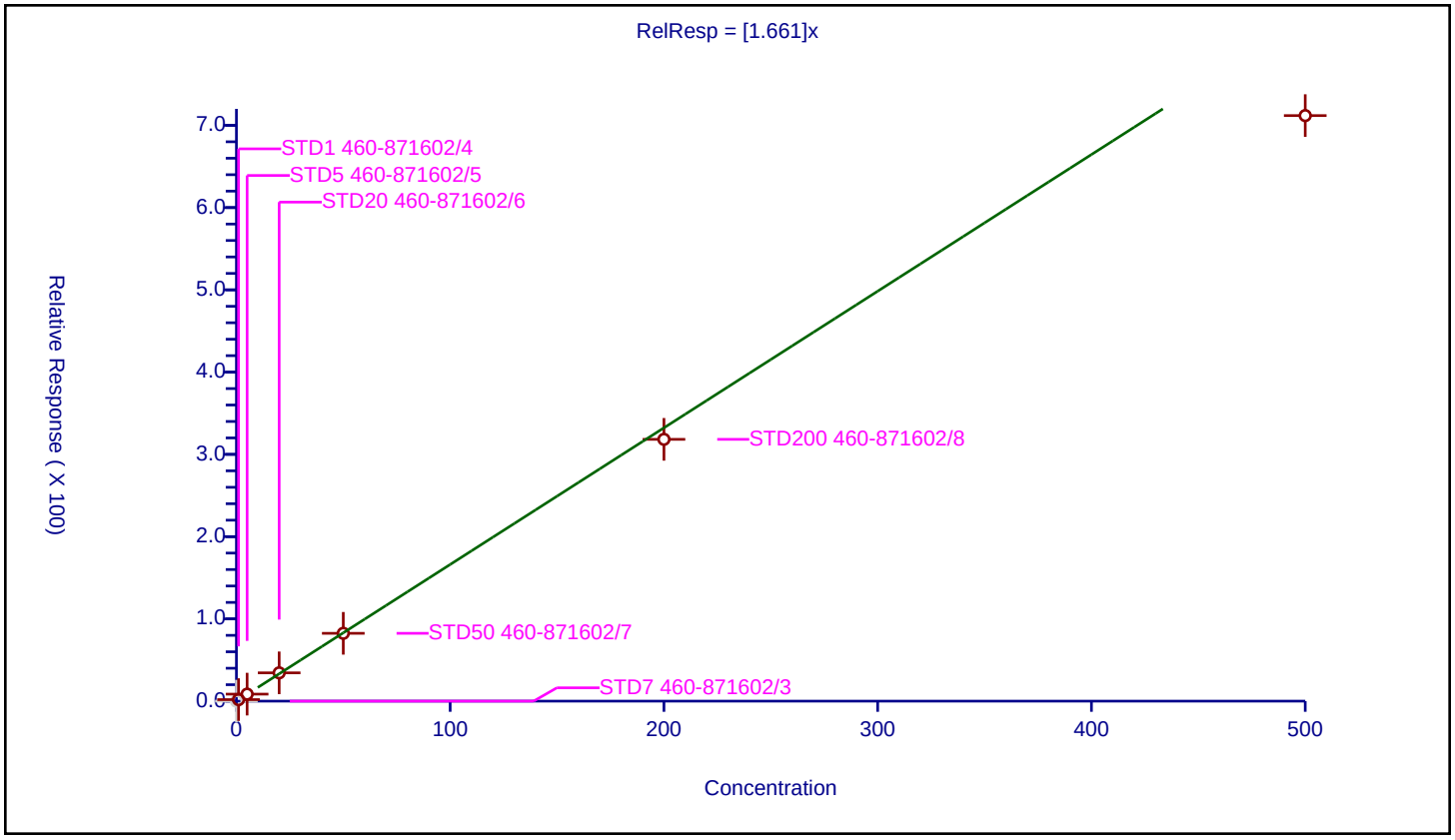
Curve Coefficients

Intercept:	0
Slope:	1.661

Error Coefficients

Standard Error:	1580000
Relative Standard Error:	9.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.875056	50.0	189061.0	1.875056	Y
3	STD5 460-871602/5	5.0	8.543798	50.0	189541.0	1.70876	Y
4	STD20 460-871602/6	20.0	34.387085	50.0	189292.0	1.719354	Y
5	STD50 460-871602/7	50.0	82.459639	50.0	195797.0	1.649193	Y
6	STD200 460-871602/8	200.0	318.278117	50.0	203202.0	1.591391	Y
7	STD500 460-871602/9	500.0	711.838103	50.0	229171.0	1.423676	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

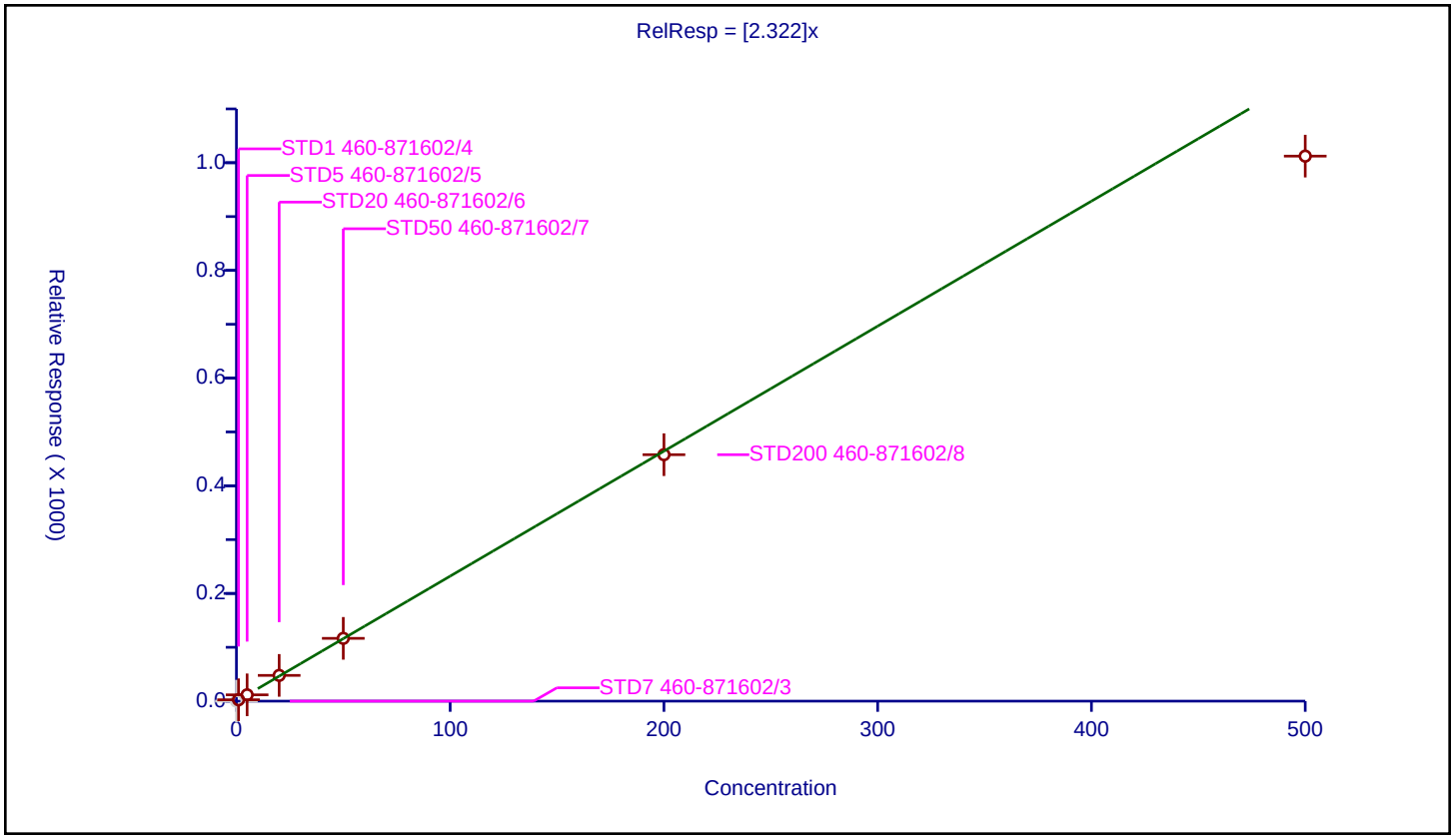
Curve Coefficients

Intercept:	0
Slope:	2.322

Error Coefficients

Standard Error:	2250000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.549177	50.0	189061.0	2.549177	Y
3	STD5 460-871602/5	5.0	11.722793	50.0	189541.0	2.344559	Y
4	STD20 460-871602/6	20.0	47.799432	50.0	189292.0	2.389972	Y
5	STD50 460-871602/7	50.0	116.628191	50.0	195797.0	2.332564	Y
6	STD200 460-871602/8	200.0	457.738605	50.0	203202.0	2.288693	Y
7	STD500 460-871602/9	500.0	1012.275113	50.0	229171.0	2.02455	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

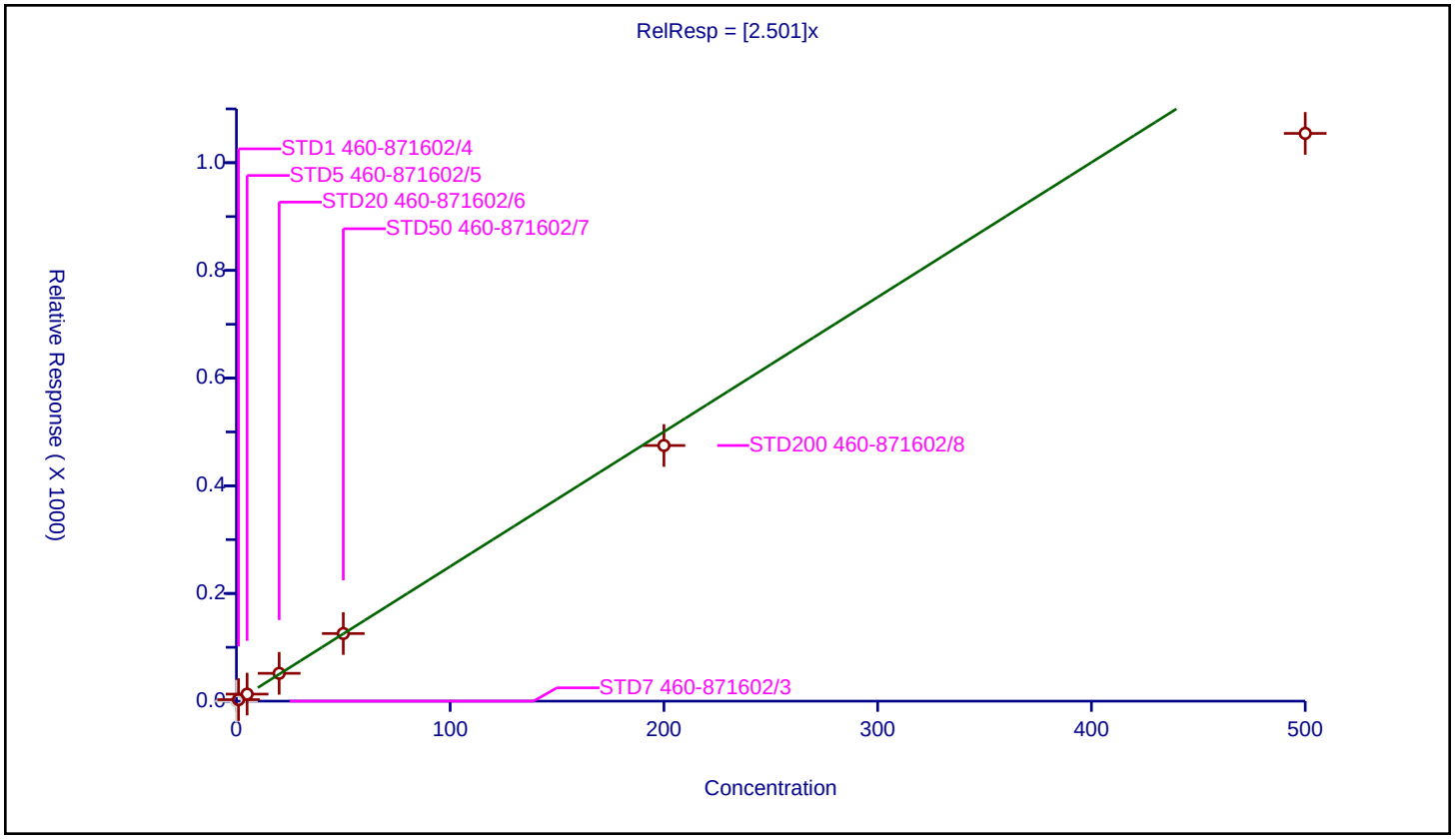
Curve Coefficients

Intercept:	0
Slope:	2.501

Error Coefficients

Standard Error:	2340000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.810733	50.0	189061.0	2.810733	Y
3	STD5 460-871602/5	5.0	13.093473	50.0	189541.0	2.618695	Y
4	STD20 460-871602/6	20.0	51.67968	50.0	189292.0	2.583984	Y
5	STD50 460-871602/7	50.0	125.59079	50.0	195797.0	2.511816	Y
6	STD200 460-871602/8	200.0	474.810779	50.0	203202.0	2.374054	Y
7	STD500 460-871602/9	500.0	1054.498388	50.0	229171.0	2.108997	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

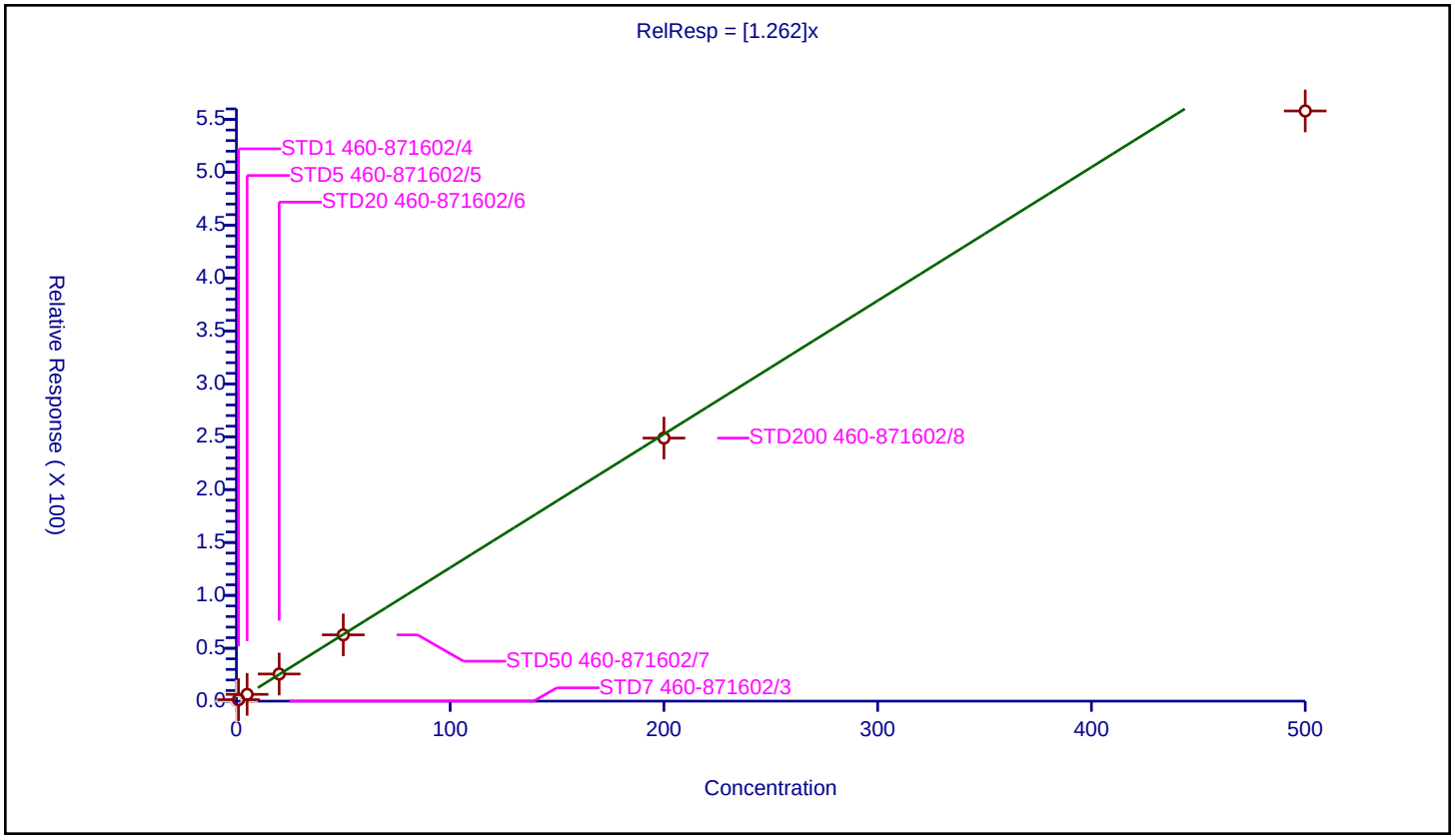
Curve Coefficients

Intercept:	0
Slope:	1.262

Error Coefficients

Standard Error:	1240000
Relative Standard Error:	7.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.396904	50.0	189061.0	1.396904	Y
3	STD5 460-871602/5	5.0	6.405738	50.0	189541.0	1.281148	Y
4	STD20 460-871602/6	20.0	25.645563	50.0	189292.0	1.282278	Y
5	STD50 460-871602/7	50.0	62.658774	50.0	195797.0	1.253175	Y
6	STD200 460-871602/8	200.0	248.725898	50.0	203202.0	1.243629	Y
7	STD500 460-871602/9	500.0	558.069084	50.0	229171.0	1.116138	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

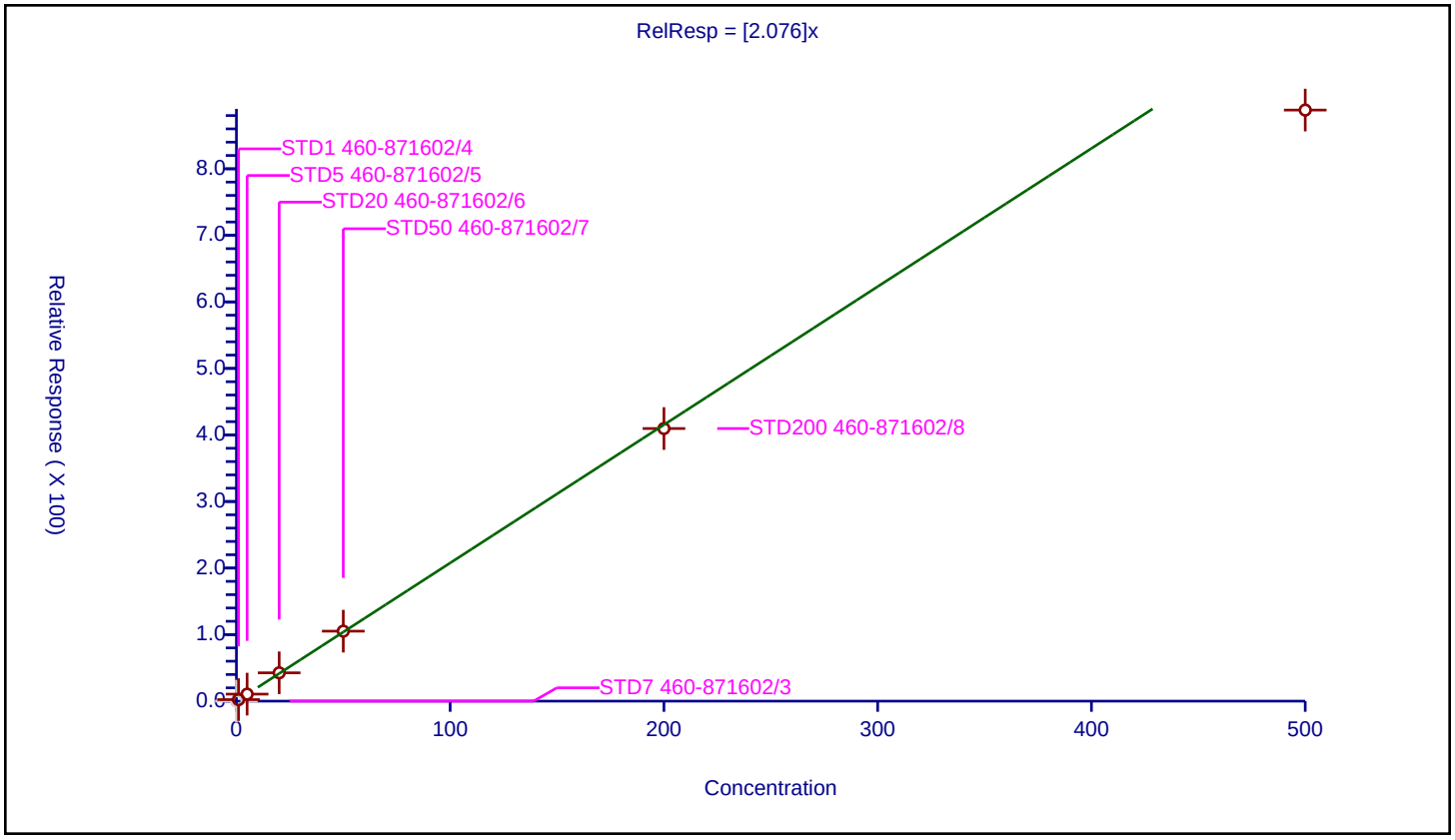
Curve Coefficients

Intercept:	0
Slope:	2.076

Error Coefficients

Standard Error:	1980000
Relative Standard Error:	8.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.294762	50.0	189061.0	2.294762	Y
3	STD5 460-871602/5	5.0	10.541255	50.0	189541.0	2.108251	Y
4	STD20 460-871602/6	20.0	42.55753	50.0	189292.0	2.127877	Y
5	STD50 460-871602/7	50.0	105.158404	50.0	195797.0	2.103168	Y
6	STD200 460-871602/8	200.0	409.66649	50.0	203202.0	2.048332	Y
7	STD500 460-871602/9	500.0	888.231932	50.0	229171.0	1.776464	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

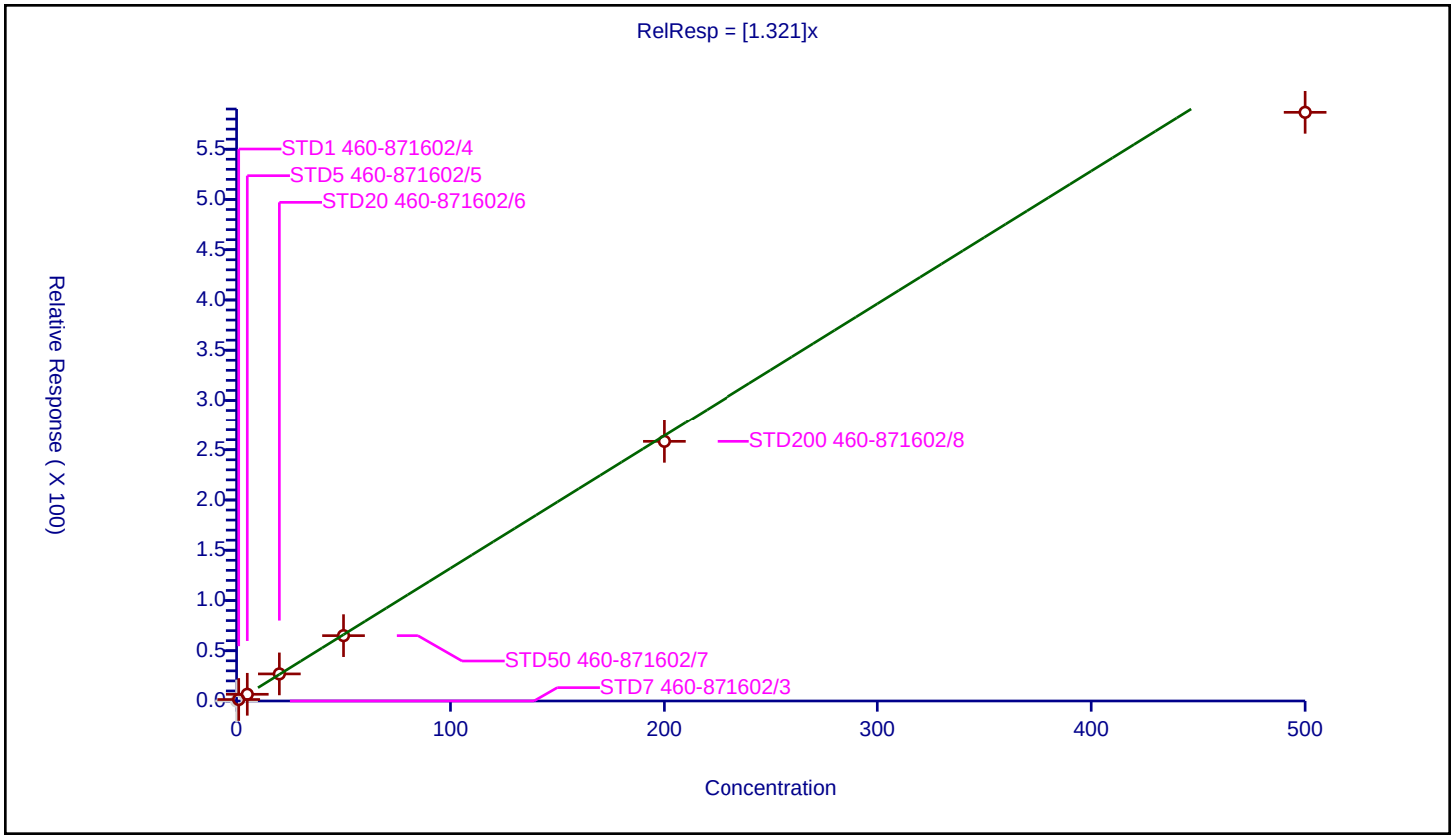
Curve Coefficients

Intercept:	0
Slope:	1.321

Error Coefficients

Standard Error:	1300000
Relative Standard Error:	7.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.479417	50.0	189061.0	1.479417	Y
3	STD5 460-871602/5	5.0	6.661356	50.0	189541.0	1.332271	Y
4	STD20 460-871602/6	20.0	26.938539	50.0	189292.0	1.346927	Y
5	STD50 460-871602/7	50.0	65.010444	50.0	195797.0	1.300209	Y
6	STD200 460-871602/8	200.0	258.369504	50.0	203202.0	1.291848	Y
7	STD500 460-871602/9	500.0	586.70796	50.0	229171.0	1.173416	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

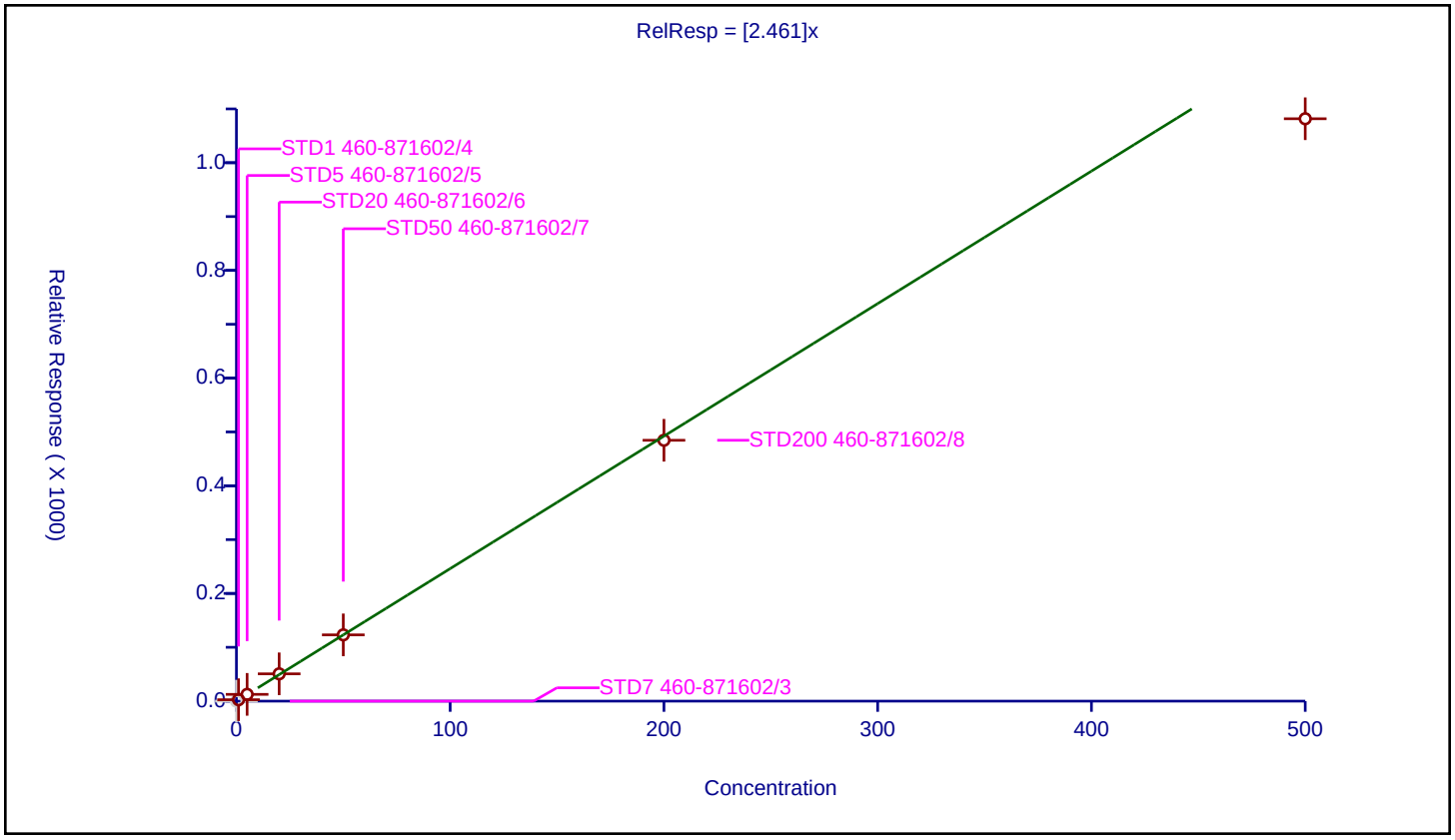
Curve Coefficients

Intercept:	0
Slope:	2.461

Error Coefficients

Standard Error:	2400000
Relative Standard Error:	6.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.659988	50.0	189061.0	2.659988	Y
3	STD5 460-871602/5	5.0	12.613102	50.0	189541.0	2.52262	Y
4	STD20 460-871602/6	20.0	50.708429	50.0	189292.0	2.535421	Y
5	STD50 460-871602/7	50.0	123.124971	50.0	195797.0	2.462499	Y
6	STD200 460-871602/8	200.0	484.530664	50.0	203202.0	2.422653	Y
7	STD500 460-871602/9	500.0	1081.715618	50.0	229171.0	2.163431	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

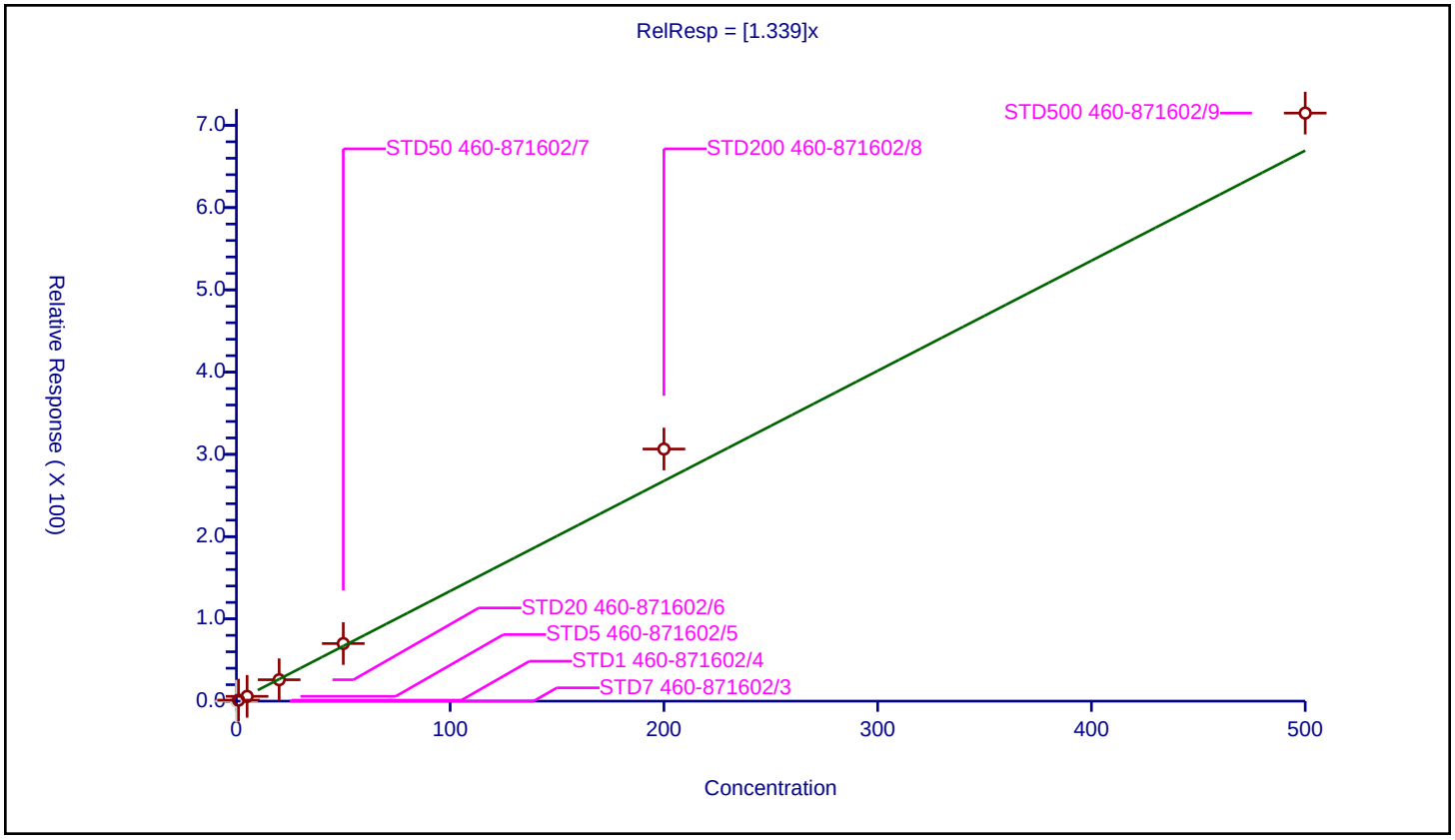
Curve Coefficients

Intercept:	0
Slope:	1.339

Error Coefficients

Standard Error:	1570000
Relative Standard Error:	10.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.197762	50.0	189061.0	1.197762	Y
3	STD5 460-871602/5	5.0	5.856517	50.0	189541.0	1.171303	Y
4	STD20 460-871602/6	20.0	26.009551	50.0	189292.0	1.300478	Y
5	STD50 460-871602/7	50.0	70.006435	50.0	195797.0	1.400129	Y
6	STD200 460-871602/8	200.0	306.488863	50.0	203202.0	1.532444	Y
7	STD500 460-871602/9	500.0	714.879064	50.0	229171.0	1.429758	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

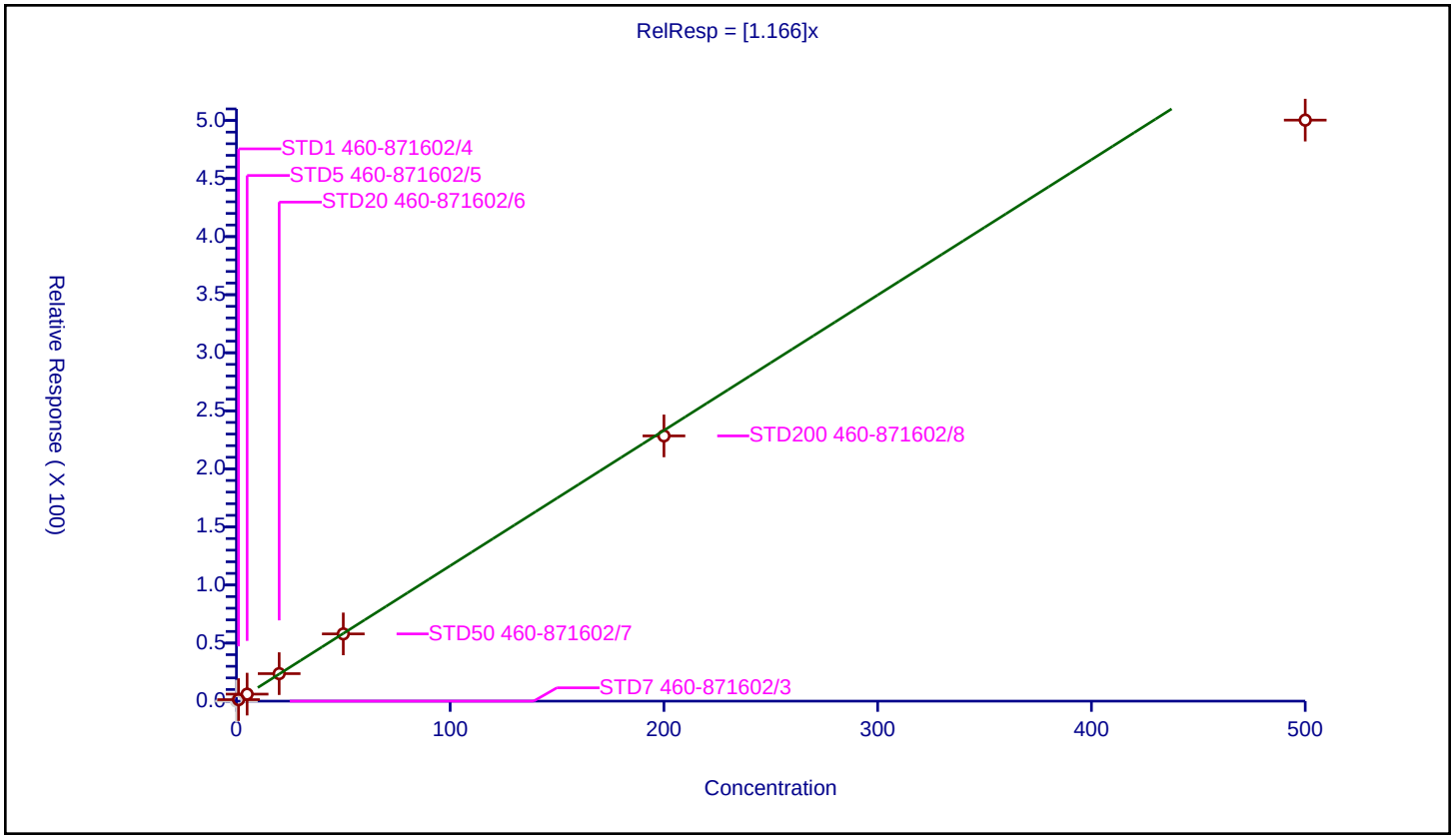
Curve Coefficients

Intercept:	0
Slope:	1.166

Error Coefficients

Standard Error:	1110000
Relative Standard Error:	8.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.300638	50.0	189061.0	1.300638	Y
3	STD5 460-871602/5	5.0	6.041437	50.0	189541.0	1.208287	Y
4	STD20 460-871602/6	20.0	23.684308	50.0	189292.0	1.184215	Y
5	STD50 460-871602/7	50.0	57.910489	50.0	195797.0	1.15821	Y
6	STD200 460-871602/8	200.0	228.406463	50.0	203202.0	1.142032	Y
7	STD500 460-871602/9	500.0	500.342103	50.0	229171.0	1.000684	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

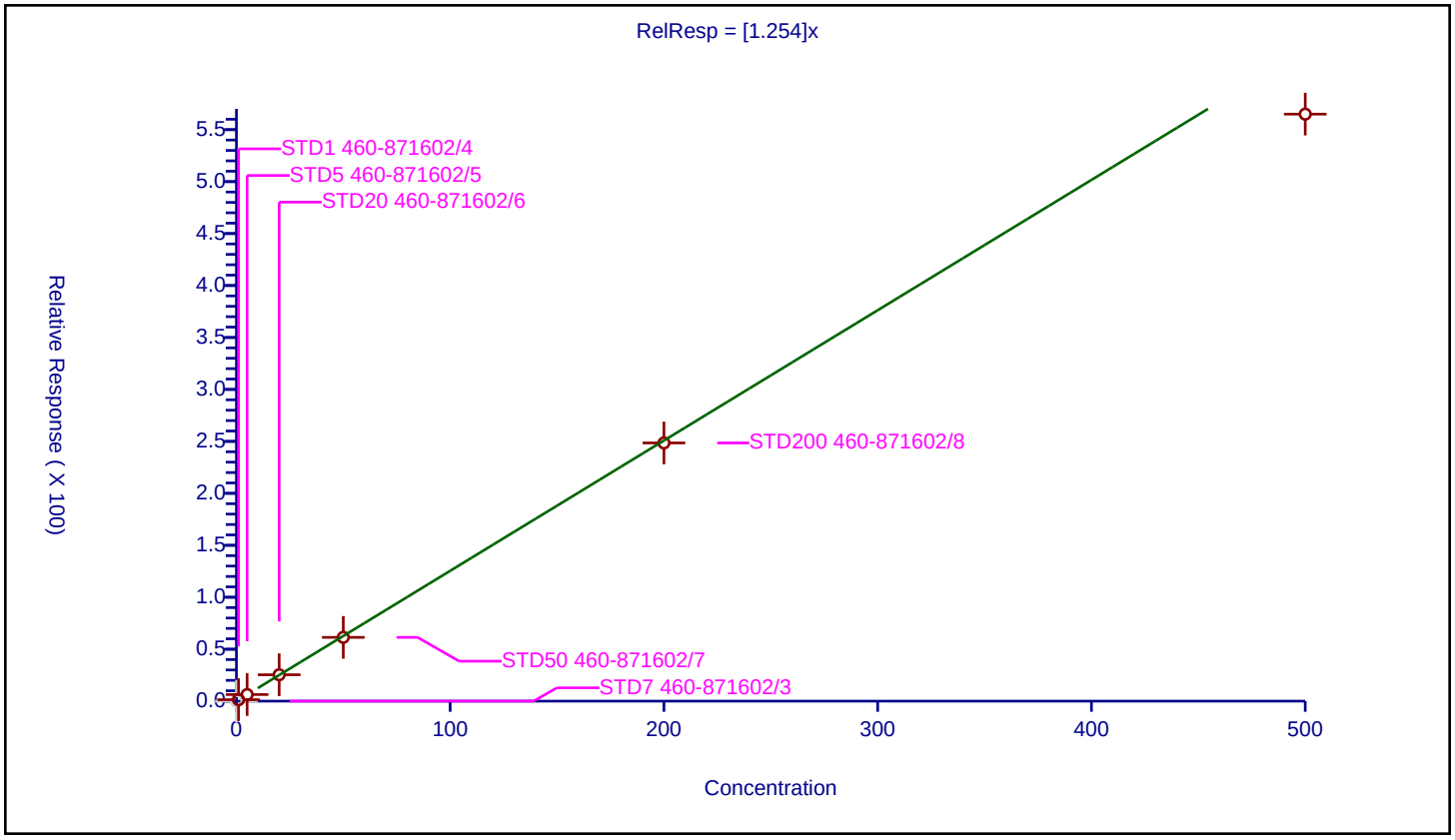
Curve Coefficients

Intercept:	0
Slope:	1.254

Error Coefficients

Standard Error:	1250000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	1.387383	50.0	189061.0	1.387383	Y
3	STD5 460-871602/5	5.0	6.337415	50.0	189541.0	1.267483	Y
4	STD20 460-871602/6	20.0	25.388289	50.0	189292.0	1.269414	Y
5	STD50 460-871602/7	50.0	61.384495	50.0	195797.0	1.22769	Y
6	STD200 460-871602/8	200.0	248.514778	50.0	203202.0	1.242574	Y
7	STD500 460-871602/9	500.0	564.948226	50.0	229171.0	1.129896	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

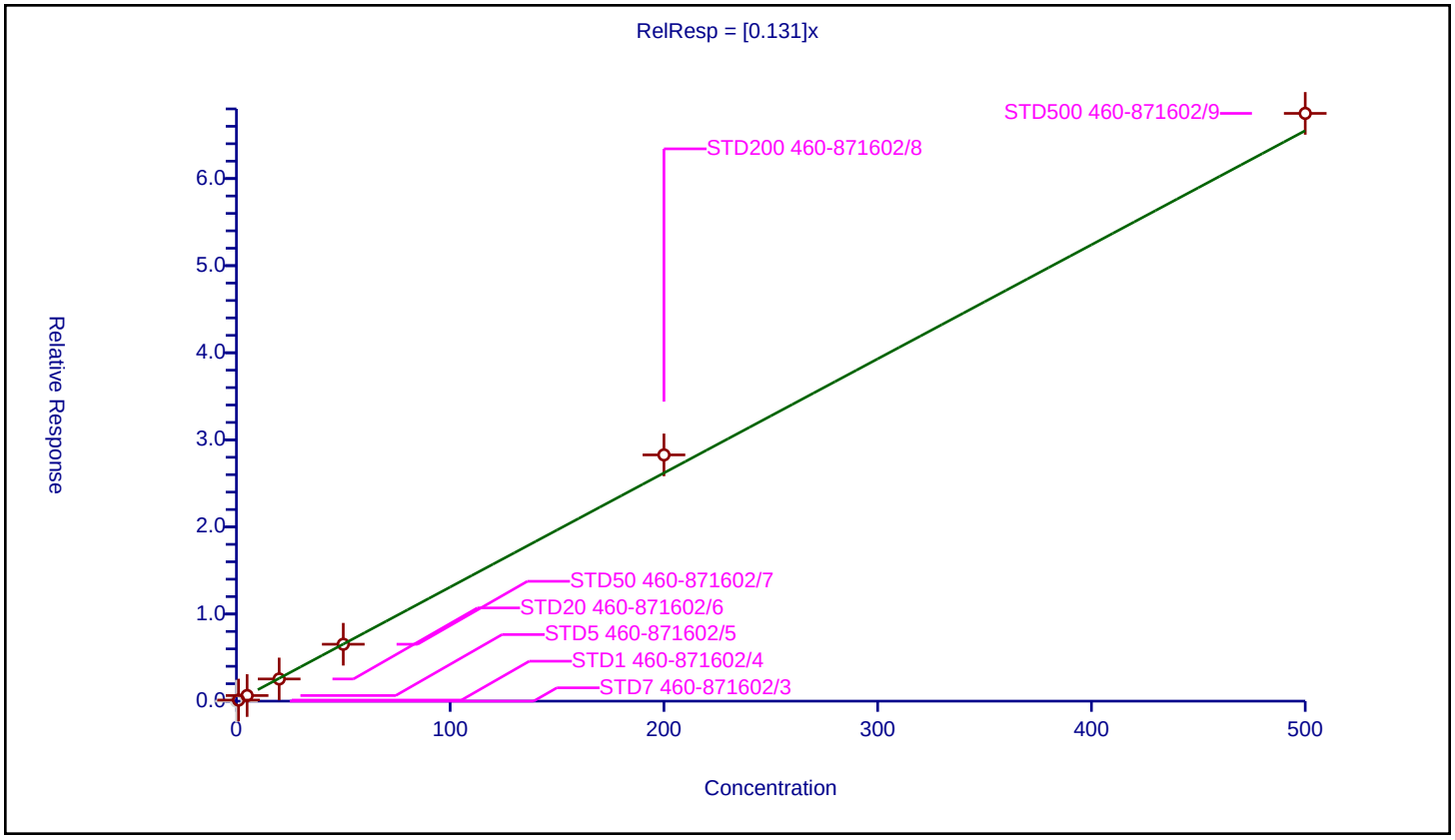
Curve Coefficients

Intercept:	0
Slope:	0.131

Error Coefficients

Standard Error:	148000
Relative Standard Error:	4.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.122712	50.0	189061.0	0.122712	Y
3	STD5 460-871602/5	5.0	0.644715	50.0	189541.0	0.128943	Y
4	STD20 460-871602/6	20.0	2.546066	50.0	189292.0	0.127303	Y
5	STD50 460-871602/7	50.0	6.534574	50.0	195797.0	0.130691	Y
6	STD200 460-871602/8	200.0	28.274082	50.0	203202.0	0.14137	Y
7	STD500 460-871602/9	500.0	67.482579	50.0	229171.0	0.134965	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

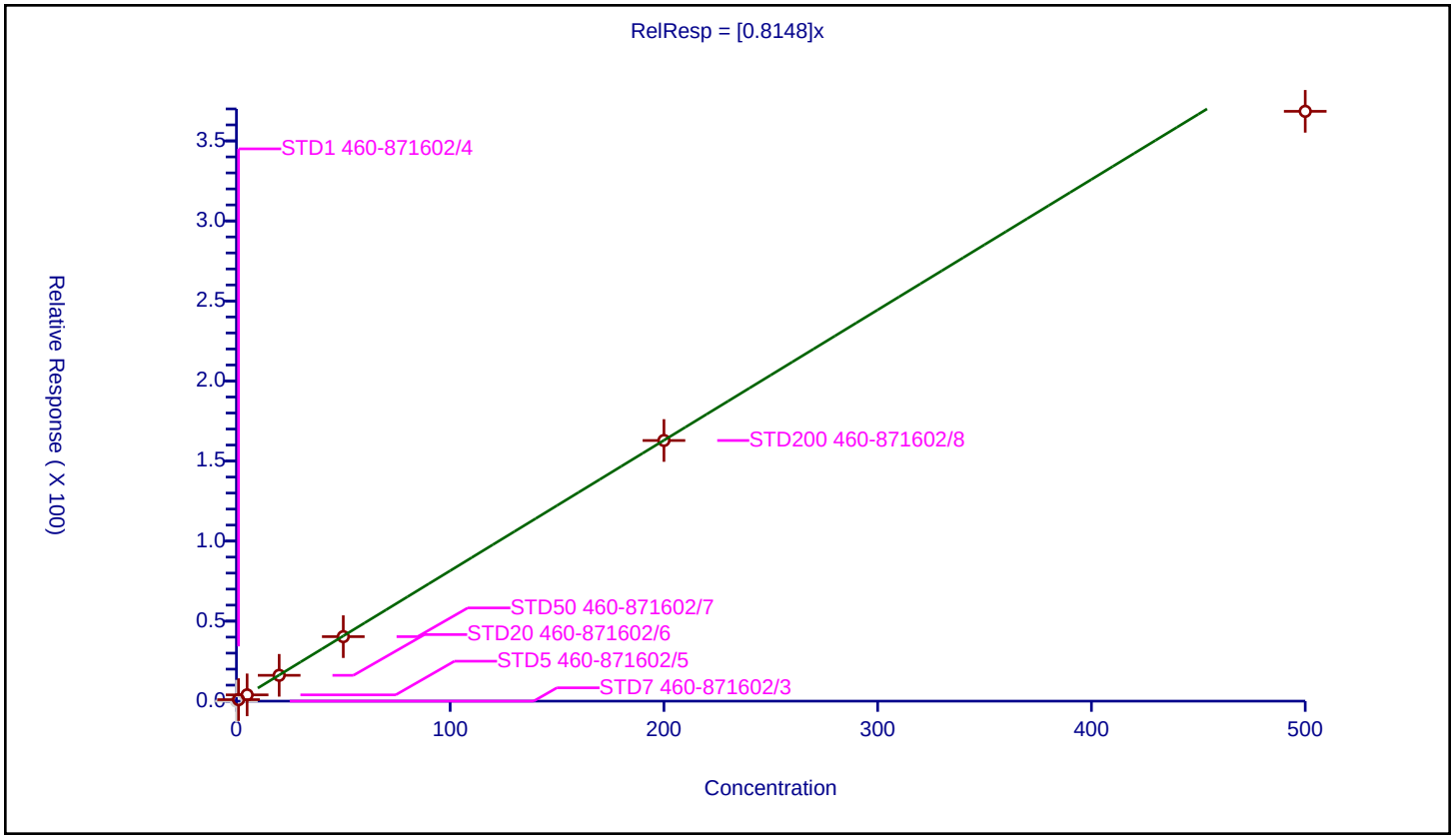
Curve Coefficients

Intercept:	0
Slope:	0.8148

Error Coefficients

Standard Error:	815000
Relative Standard Error:	8.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.939908	50.0	189061.0	0.939908	Y
3	STD5 460-871602/5	5.0	3.925536	50.0	189541.0	0.785107	Y
4	STD20 460-871602/6	20.0	16.13803	50.0	189292.0	0.806902	Y
5	STD50 460-871602/7	50.0	40.289943	50.0	195797.0	0.805799	Y
6	STD200 460-871602/8	200.0	162.840425	50.0	203202.0	0.814202	Y
7	STD500 460-871602/9	500.0	368.485105	50.0	229171.0	0.73697	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

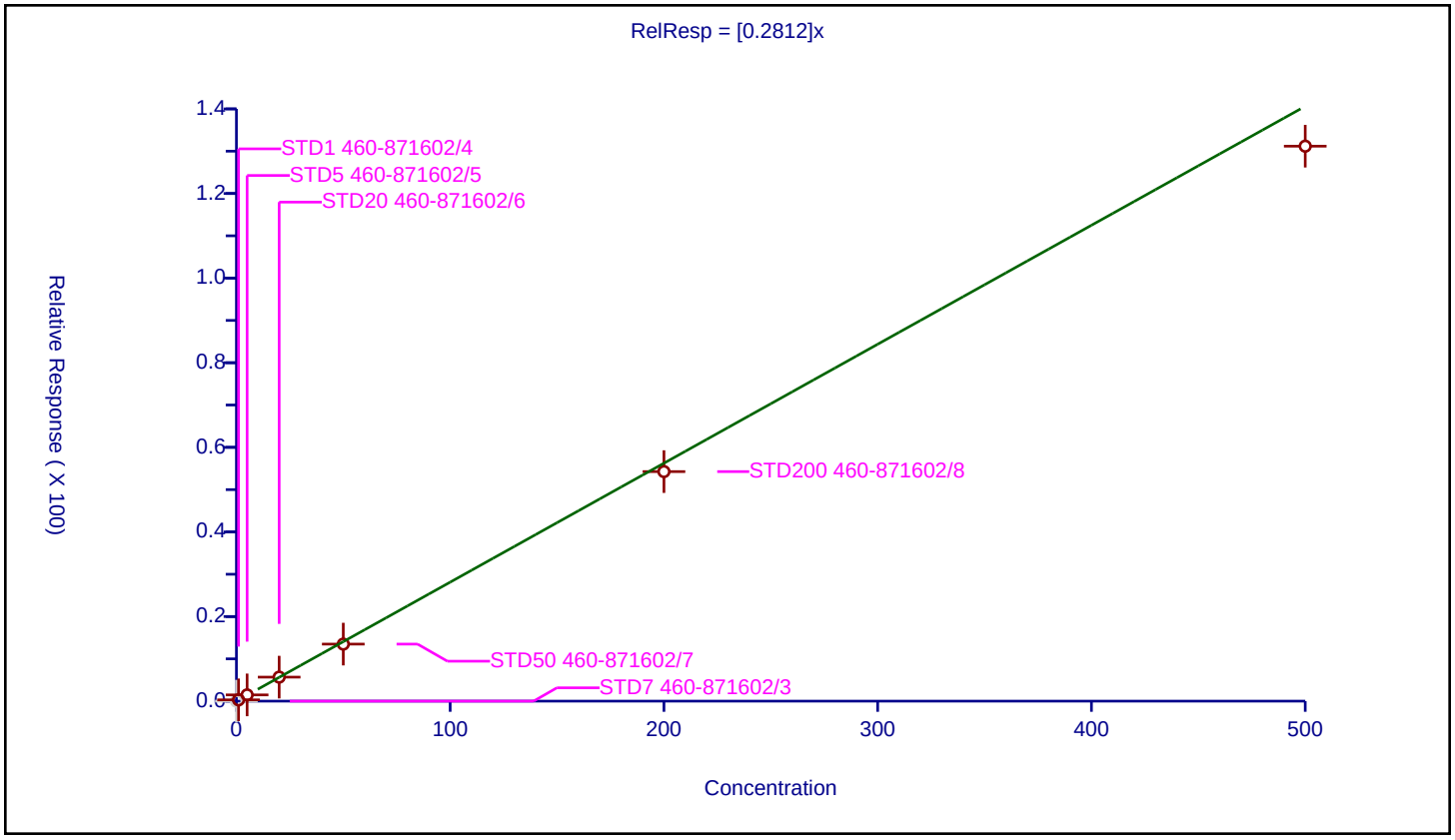
Curve Coefficients

Intercept:	0
Slope:	0.2812

Error Coefficients

Standard Error:	287000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.304928	50.0	189061.0	0.304928	Y
3	STD5 460-871602/5	5.0	1.47567	50.0	189541.0	0.295134	Y
4	STD20 460-871602/6	20.0	5.678528	50.0	189292.0	0.283926	Y
5	STD50 460-871602/7	50.0	13.484885	50.0	195797.0	0.269698	Y
6	STD200 460-871602/8	200.0	54.260293	50.0	203202.0	0.271301	Y
7	STD500 460-871602/9	500.0	131.185447	50.0	229171.0	0.262371	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

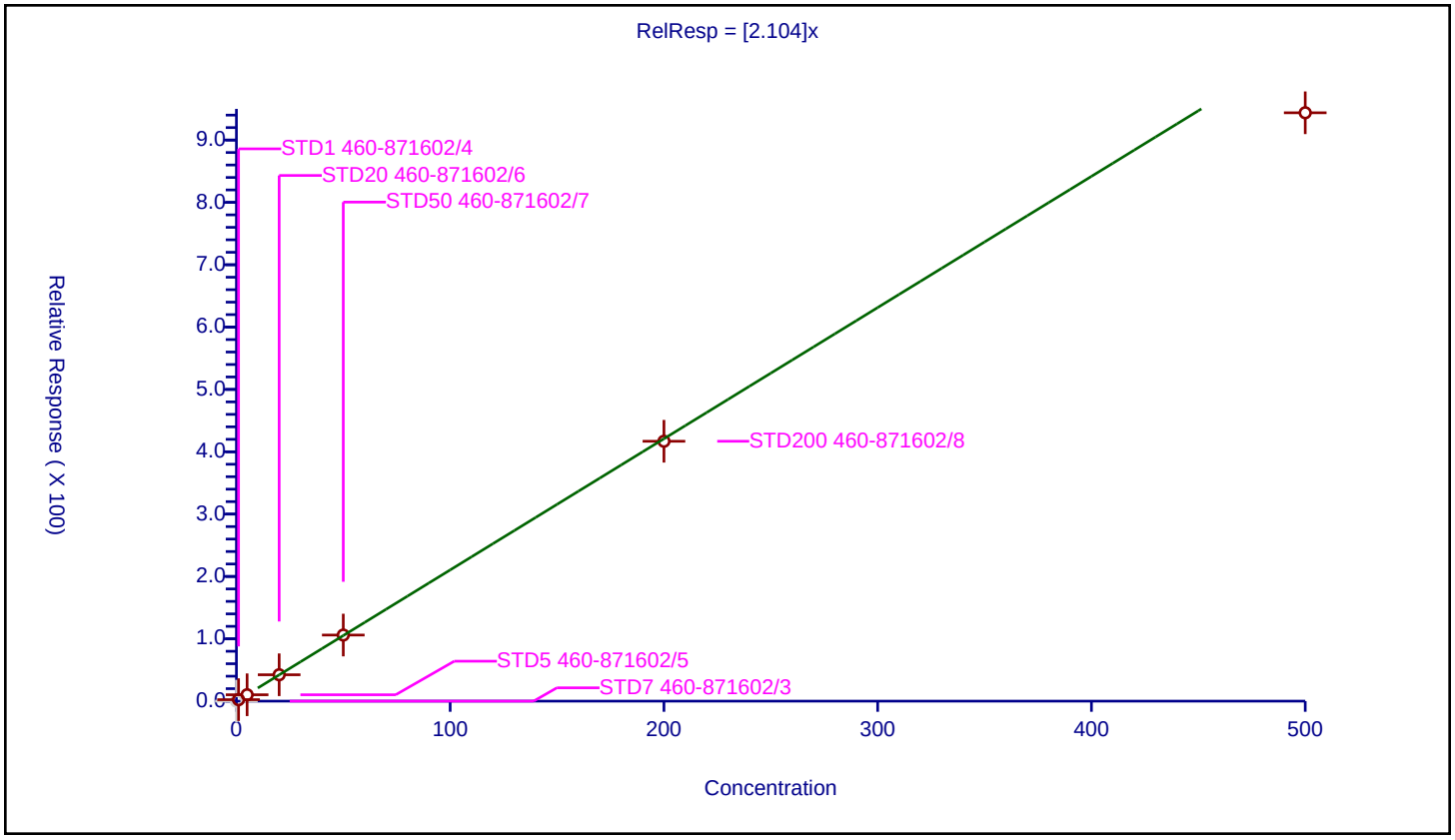
Curve Coefficients

Intercept:	0
Slope:	2.104

Error Coefficients

Standard Error:	2090000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	2.370135	50.0	189061.0	2.370135	Y
3	STD5 460-871602/5	5.0	10.247123	50.0	189541.0	2.049425	Y
4	STD20 460-871602/6	20.0	42.306595	50.0	189292.0	2.11533	Y
5	STD50 460-871602/7	50.0	105.998815	50.0	195797.0	2.119976	Y
6	STD200 460-871602/8	200.0	416.854165	50.0	203202.0	2.084271	Y
7	STD500 460-871602/9	500.0	943.780409	50.0	229171.0	1.887561	Y



Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

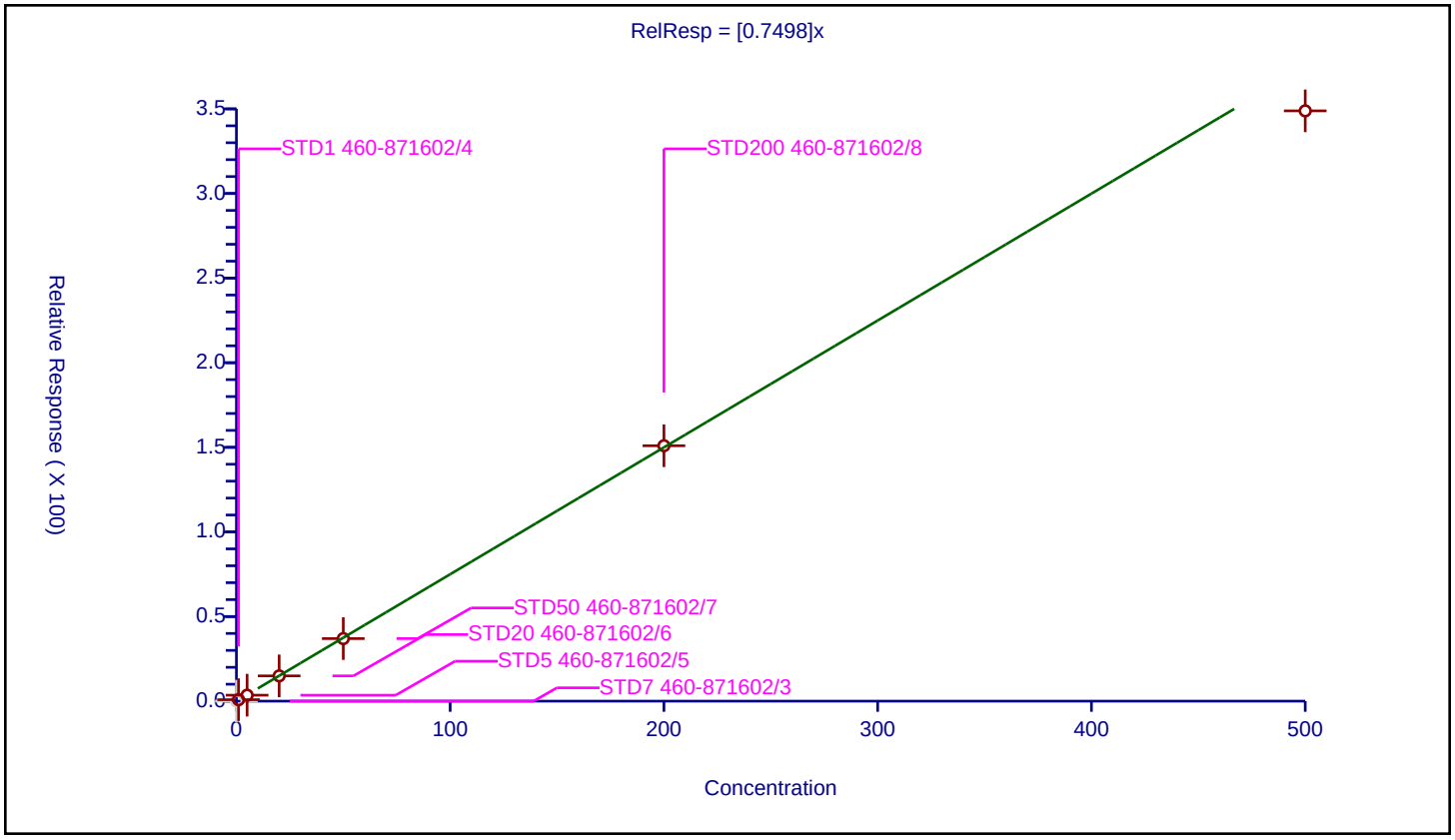
Curve Coefficients

Intercept:	0
Slope:	0.7498

Error Coefficients

Standard Error:	769000
Relative Standard Error:	7.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-871602/3	0.0	0.0	50.0	190101.0	NaN	N
2	STD1 460-871602/4	1.0	0.858453	50.0	189061.0	0.858453	Y
3	STD5 460-871602/5	5.0	3.511377	50.0	189541.0	0.702275	Y
4	STD20 460-871602/6	20.0	14.932749	50.0	189292.0	0.746637	Y
5	STD50 460-871602/7	50.0	36.958176	50.0	195797.0	0.739164	Y
6	STD200 460-871602/8	200.0	150.938967	50.0	203202.0	0.754695	Y
7	STD500 460-871602/9	500.0	348.833404	50.0	229171.0	0.697667	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Dichlorodifluoromethane	Ave	0.3674	0.3225		17.6	20.0	88	60-140
Chloromethane	Ave	0.5304	0.4982		18.8	20.0	94	0.1-205
Vinyl chloride	Ave	0.3527	0.3764		21.3	20.0	107	5-195
Butadiene	Ave	0.3387	0.3046		18.0	20.0	90	60-140
Bromomethane	Ave	0.1299	0.1494		23.0	20.0	115	15-185
Chloroethane	Ave	0.1740	0.1785		20.5	20.0	103	40-160
Trichlorofluoromethane	Ave	0.3747	0.3642		19.4	20.0	97	50-150
Pentane	Ave	0.4372	0.5664		51.8	40.0	130	60-140
Ethanol	Ave	0.0450	0.0335		595	800	74	60-140
Ethyl ether	Ave	0.2176	0.2204		20.3	20.0	101	60-140
2-Methyl-1,3-butadiene	Ave	0.2746	0.2996		21.8	20.0	109	60-140
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2217	0.2133		19.2	20.0	96	60-140
Acrolein	Ave	1.799	1.496		33.3	40.1	83	10-150
1,1-Dichloroethene	Ave	0.2219	0.2131		19.2	20.0	96	50-150
Acetone	Ave	0.6627	0.5453		82.3	100	82	60-140
Iodomethane	Lin2		0.1824		15.8	20.0	79	60-140
Isopropyl alcohol	Ave	0.5196	0.4000		154	200	77	60-140
Carbon disulfide	Ave	0.8155	0.8224		20.2	20.0	101	60-140
3-Chloro-1-propene	Ave	0.1557	0.1571		20.2	20.0	101	60-140
Methyl acetate	Ave	0.2143	0.2240		41.8	40.0	105	60-140
Acetonitrile	Ave	1.325	1.509		228	200	114	60-140
Methylene Chloride	Ave	0.2744	0.2682		19.5	20.0	98	60-140
2-Methyl-2-propanol	Ave	0.8017	0.6463		161	200	81	60-140
Methyl tert-butyl ether	Ave	0.6816	0.6659		19.5	20.0	98	60-140
trans-1,2-Dichloroethene	Ave	0.2515	0.2365		18.8	20.0	94	70-130
Acrylonitrile	Ave	4.784	4.845		203	200	101	60-140
Hexane	Ave	0.3133	0.3290		21.0	20.0	105	60-140
Isopropyl ether	Ave	1.042	1.149		22.1	20.0	110	60-140
1,1-Dichloroethane	Ave	0.5650	0.5568		19.7	20.0	99	70-130
Vinyl acetate	Ave	0.6615	0.7312		44.2	40.0	111	60-140
2,2-Dichloropropane	Ave	0.1453	0.1326		18.2	20.0	91	60-140
cis-1,2-Dichloroethene	Ave	0.2764	0.2715		19.6	20.0	98	60-140
2-Butanone (MEK)	Ave	0.1966	0.1764		89.8	100	90	60-140
Ethyl acetate	Ave	0.2052	0.2003		39.0	40.0	98	60-140
Chlorobromomethane	Ave	0.1224	0.1177		19.2	20.0	96	60-140
Tetrahydrofuran	Ave	0.1961	0.1985		40.5	40.0	101	60-140
Chloroform	Ave	0.4935	0.4943		20.0	20.0	100	70-135
Cyclohexane	Ave	0.3070	0.3150		20.5	20.0	103	60-140
1,1,1-Trichloroethane	Ave	0.3904	0.3792		19.4	20.0	97	70-130
Carbon tetrachloride	Ave	0.3106	0.2924		18.8	20.0	94	70-130

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,1-Dichloropropene	Ave	0.3745	0.3735		19.9	20.0	100	60-140
Benzene	Ave	1.394	1.503		21.6	20.0	108	65-135
Isopropyl acetate	Ave	0.7834	0.8019		20.5	20.0	102	60-140
1,2-Dichloroethane	Ave	0.4184	0.4119		19.7	20.0	98	70-130
n-Heptane	Ave	0.1247	0.1321		21.2	20.0	106	60-140
n-Butanol	Ave	0.1892	0.1567		414	500	83	60-140
Trichloroethene	Ave	0.2781	0.2635		18.9	20.0	95	65-135
Methylcyclohexane	Ave	0.3157	0.3234		20.5	20.0	102	60-140
Ethyl acrylate	Ave	0.6709	0.6737		20.1	20.0	100	60-140
1,2-Dichloropropane	Ave	0.3313	0.3122		18.8	20.0	94	35-165
Methyl methacrylate	Ave	0.0501	0.0476		38.0	40.0	95	60-140
1,4-Dioxane	Ave	0.5434	0.3693		272	400	68	60-140
Dibromomethane	Ave	0.1826	0.1715		18.8	20.0	94	60-140
n-Propyl acetate	Ave	0.4180	0.4188		20.0	20.0	100	60-140
Dichlorobromomethane	Ave	0.3711	0.3540		19.1	20.0	95	65-135
2-Chloroethyl vinyl ether	Ave	0.1839	0.1726		18.8	20.0	94	0.1-225
Epichlorohydrin	Ave	0.2009	0.1942		19.3	20.0	97	60-140
cis-1,3-Dichloropropene	Ave	0.6566	0.6386		19.4	20.0	97	25-175
4-Methyl-2-pentanone (MIBK)	Ave	2.371	2.306		97.2	100	97	60-140
Toluene	Ave	1.456	1.458		20.0	20.0	100	70-130
trans-1,3-Dichloropropene	Ave	0.5843	0.5750		19.7	20.0	98	50-150
1,1,2-Trichloroethane	Ave	0.3075	0.3054		19.9	20.0	99	70-130
Tetrachloroethene	Ave	0.3040	0.3056		20.1	20.0	101	70-130
1,3-Dichloropropane	Ave	0.5684	0.5749		20.2	20.0	101	60-140
2-Hexanone	Ave	0.7744	0.7191		92.9	100	93	60-140
n-Butyl acetate	Ave	0.6725	0.6914		20.6	20.0	103	60-140
Chlorodibromomethane	Ave	0.3245	0.3098		19.1	20.0	95	70-135
Ethylene Dibromide	Ave	0.3311	0.3242		19.6	20.0	98	60-140
Chlorobenzene	Ave	0.8794	0.8683		19.7	20.0	99	65-135
Ethylbenzene	Ave	0.4602	0.4597		20.0	20.0	100	60-140
1,1,1,2-Tetrachloroethane	Ave	0.2994	0.2926		19.5	20.0	98	60-140
m-Xylene & p-Xylene	Ave	0.5729	0.5658		19.8	20.0	99	60-140
o-Xylene	Ave	0.5760	0.5685		19.7	20.0	99	60-140
n-Butyl acrylate	Ave	0.2911	0.2931		20.1	20.0	101	60-140
Styrene	Ave	0.9873	0.9827		19.9	20.0	100	60-140
Bromoform	Ave	0.2031	0.1877		18.5	20.0	92	70-130
Amyl acetate (mixed isomers)	Ave	1.443	1.536		21.3	20.0	106	60-140
Isopropylbenzene	Ave	1.401	1.422		20.3	20.0	101	60-140
Bromobenzene	Ave	0.7028	0.6909		19.7	20.0	98	60-140
1,1,2,2-Tetrachloroethane	Ave	0.8301	0.8407		20.3	20.0	101	60-140
N-Propylbenzene	Ave	3.295	3.321		20.2	20.0	101	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: ICV 460-871602/16 Calibration Date: 10/13/2022 04:56

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J81275.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,2,3-Trichloropropane	Ave	0.1829	0.1739		19.0	20.0	95	60-140
2-Chlorotoluene	Ave	2.353	2.407		20.5	20.0	102	60-140
1,3,5-Trimethylbenzene	Ave	2.195	2.192		20.0	20.0	100	60-140
4-Chlorotoluene	Ave	2.272	2.290		20.2	20.0	101	60-140
Butyl Methacrylate	Ave	0.8536	0.8583		20.1	20.0	101	60-140
tert-Butylbenzene	Ave	1.661	1.662		20.0	20.0	100	60-140
1,2,4-Trimethylbenzene	Ave	2.322	2.367		20.4	20.0	102	60-140
sec-Butylbenzene	Ave	2.501	2.518		20.1	20.0	101	60-140
1,3-Dichlorobenzene	Ave	1.262	1.251		19.8	20.0	99	70-130
4-Isopropyltoluene	Ave	2.076	2.100		20.2	20.0	101	60-140
1,4-Dichlorobenzene	Ave	1.321	1.313		19.9	20.0	99	65-135
1,2,3-Trimethylbenzene	Ave	2.461	2.526		20.5	20.0	103	60-140
Benzyl chloride	Ave	1.339	1.359		20.3	20.0	102	60-140
n-Butylbenzene	Ave	1.166	1.173		20.1	20.0	101	60-140
1,2-Dichlorobenzene	Ave	1.254	1.252		20.0	20.0	100	65-135
1,2-Dibromo-3-Chloropropane	Ave	0.1310	0.1172		17.9	20.0	89	60-140
1,2,4-Trichlorobenzene	Ave	0.8148	0.7824		19.2	20.0	96	60-140
Hexachlorobutadiene	Ave	0.2812	0.2845		20.2	20.0	101	60-140
Naphthalene	Ave	2.104	2.006		19.1	20.0	95	60-140
1,2,3-Trichlorobenzene	Ave	0.7498	0.7067		18.8	20.0	94	60-140
Dibromofluoromethane (Surr)	Ave	0.2174	0.2194		50.5	50.0	101	60-140
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.3033		50.7	50.0	101	60-140
Toluene-d8 (Surr)	Ave	1.070	1.129		52.8	50.0	106	60-140
4-Bromofluorobenzene	Ave	0.3550	0.3637		51.2	50.0	102	60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81275.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Oct-2022 04:56:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0151655-016
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:05:18 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 13-Oct-2022 05:16:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.148	1.151	-0.003	95	2626	NC	NC	
4 Dichlorodifluoromethane	85	1.173	1.175	-0.002	100	58464	20.0	17.6	
5 Chlorodifluoromethane	67	1.191	1.193	-0.002	98	10922	NC	NC	
6 Chloromethane	50	1.307	1.303	0.004	100	90322	20.0	18.8	
7 Vinyl chloride	62	1.361	1.364	-0.003	99	68231	20.0	21.3	
8 Butadiene	54	1.380	1.376	0.004	94	55213	20.0	18.0	
9 Bromomethane	94	1.574	1.577	-0.003	99	27082	20.0	23.0	
10 Chloroethane	64	1.629	1.631	-0.002	98	32361	20.0	20.5	
12 Dichlorofluoromethane	67	1.751	1.753	-0.002	99	94697	NC	NC	
11 Trichlorofluoromethane	101	1.763	1.759	0.004	98	66030	20.0	19.4	
13 Pentane	43	1.793	1.789	0.004	96	205378	40.0	51.8	
14 Ethanol	46	1.891	1.887	0.004	97	4911	800.0	594.6	
15 Ethyl ether	59	1.933	1.929	0.004	88	39959	20.0	20.3	
16 2-Methyl-1,3-butadiene	53	1.951	1.948	0.003	95	54311	20.0	21.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.958	1.960	-0.002	97	29764	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.000	1.996	0.004	98	63332	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.055	2.057	-0.002	92	38666	20.0	19.2	
19 Acrolein	56	2.061	2.057	0.004	94	10989	40.1	33.3	
21 1,1-Dichloroethene	96	2.091	2.088	0.003	92	38639	20.0	19.2	
22 Acetone	43	2.152	2.148	0.004	84	63288	100.0	82.3	
23 Iodomethane	142	2.213	2.209	0.004	99	33068	20.0	15.8	
25 Isopropyl alcohol	45	2.213	2.209	0.004	55	14669	200.0	154.0	
24 Carbon disulfide	76	2.237	2.234	0.003	100	149101	20.0	20.2	
26 3-Chloro-1-propene	76	2.335	2.331	0.004	94	28479	20.0	20.2	
28 Methyl acetate	43	2.335	2.337	-0.002	99	81215	40.0	41.8	
27 Cyclopentene	67	2.353	2.349	0.004	95	124604	NC	NC	
29 Acetonitrile	41	2.383	2.380	0.003	97	55356	200.0	227.8	
* 30 TBA-d9 (IS)	65	2.414	2.410	0.004	77	183376	1000.0	1000.0	
31 Methylene Chloride	84	2.432	2.428	0.004	95	48624	20.0	19.5	
32 2-Methyl-2-propanol	59	2.469	2.465	0.004	98	23705	200.0	161.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.560	2.556	0.004	96	120728	20.0	19.5	
34 trans-1,2-Dichloroethene	96	2.584	2.580	0.004	95	42878	20.0	18.8	
35 Acrylonitrile	53	2.639	2.635	0.004	93	177700	200.0	202.6	
36 Hexane	57	2.706	2.702	0.004	94	59650	20.0	21.0	
37 Isopropyl ether	45	2.876	2.872	0.004	97	208368	20.0	22.1	
38 1,1-Dichloroethane	63	2.913	2.909	0.004	99	100949	20.0	19.7	
39 Vinyl acetate	43	2.919	2.915	0.004	100	265132	40.0	44.2	
40 2-Chloro-1,3-butadiene	88	2.949	2.945	0.004	95	40152	NC	NC	
41 Tert-butyl ethyl ether	59	3.150	3.146	0.004	86	161015	NC	NC	
* 43 2-Butanone-d5	46	3.326	3.323	0.003	96	290133	250.0	250.0	
42 2,2-Dichloropropane	79	3.339	3.335	0.003	92	24037	20.0	18.2	
44 cis-1,2-Dichloroethene	96	3.363	3.359	0.004	89	49213	20.0	19.6	
46 2-Butanone (MEK)	72	3.381	3.377	0.004	94	20474	100.0	89.8	
45 Ethyl acetate	70	3.381	3.377	0.004	96	9298	40.0	39.0	
47 Methyl acrylate	55	3.430	3.426	0.004	99	43238	NC	NC	
48 Propionitrile	54	3.497	3.493	0.004	97	64209	NC	NC	
50 Chlorobromomethane	128	3.570	3.566	0.004	93	21338	20.0	19.2	
49 Tetrahydrofuran	72	3.570	3.566	0.004	94	9215	40.0	40.5	
51 Methacrylonitrile	67	3.588	3.584	0.004	98	190101	NC	NC	
52 Chloroform	83	3.612	3.608	0.004	96	89617	20.0	20.0	
53 Cyclohexane	84	3.728	3.724	0.004	97	57106	20.0	20.5	
54 1,1,1-Trichloroethane	97	3.740	3.742	-0.002	96	68753	20.0	19.4	
$ 55 Dibromofluoromethane (Surr)	113	3.758	3.754	0.004	94	99433	50.0	50.5	
56 Carbon tetrachloride	117	3.856	3.852	0.004	97	53018	20.0	18.8	
57 1,1-Dichloropropene	75	3.886	3.882	0.004	91	67712	20.0	19.9	
58 Isobutyl alcohol	43	4.014	4.010	0.004	94	55162	NC	NC	
59 Isooctane	57	4.038	4.034	0.004	98	107205	NC	NC	
60 Benzene	78	4.069	4.065	0.004	98	195279	20.0	21.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.087	4.083	0.004	0	137478	50.0	50.7	
62 Isopropyl acetate	43	4.129	4.126	0.003	94	145375	20.0	20.5	
63 Tert-amyl methyl ether	55	4.135	4.132	0.003	90	33616	NC	NC	
64 1,2-Dichloroethane	62	4.160	4.156	0.004	96	74672	20.0	19.7	
65 n-Heptane	57	4.221	4.211	0.010	97	23952	20.0	21.2	
* 66 Fluorobenzene	96	4.348	4.345	0.003	97	453232	50.0	50.0	
67 n-Butanol	56	4.671	4.667	0.004	98	14370	500.0	414.3	
68 Trichloroethene	95	4.695	4.691	0.004	91	47766	20.0	18.9	
69 Methylcyclohexane	83	4.817	4.813	0.004	85	58638	20.0	20.5	
70 Ethyl acrylate	55	4.829	4.819	0.010	97	122137	20.0	20.1	
71 1,2-Dichloropropane	63	4.987	4.983	0.004	87	56597	20.0	18.8	
* 72 1,4-Dioxane-d8	96	5.060	5.056	0.004	0	22507	1000.0	1000.0	
73 Methyl methacrylate	100	5.078	5.075	0.003	94	17258	40.0	38.0	
74 Dibromomethane	93	5.121	5.117	0.004	93	31097	20.0	18.8	
75 1,4-Dioxane	88	5.115	5.123	-0.008	38	3325	400.0	271.8	
76 n-Propyl acetate	43	5.139	5.135	0.004	99	75934	20.0	20.0	
77 Dichlorobromomethane	83	5.279	5.275	0.004	98	64169	20.0	19.1	
78 2-Nitropropane	41	5.638	5.634	0.004	81	25830	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.650	5.640	0.010	83	31284	20.0	18.8	
80 Epichlorohydrin	57	5.760	5.750	0.010	91	4508	20.0	19.3	
81 cis-1,3-Dichloropropene	75	5.808	5.805	0.003	99	82978	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.997	5.993	0.004	97	267568	100.0	97.2	
$ 83 Toluene-d8 (Surr)	98	6.064	6.060	0.004	97	366845	50.0	52.8	
84 Toluene	91	6.149	6.145	0.004	93	189502	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.551	6.541	0.010	97	74717	20.0	19.7	
86 Ethyl methacrylate	69	6.593	6.589	0.004	97	55633	NC	NC	
87 1,1,2-Trichloroethane	83	6.782	6.778	0.004	93	39687	20.0	19.9	
88 Tetrachloroethene	166	6.812	6.808	0.004	92	39710	20.0	20.1	
89 1,3-Dichloropropane	76	7.013	7.009	0.004	95	74702	20.0	20.2	
90 2-Hexanone	58	7.104	7.100	0.004	98	83454	100.0	92.9	
91 n-Butyl acetate	43	7.250	7.246	0.004	95	89839	20.0	20.6	
92 Chlorodibromomethane	129	7.268	7.259	0.009	96	40262	20.0	19.1	
93 Ethylene Dibromide	107	7.433	7.423	0.010	98	42123	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.017	8.013	0.004	93	324862	50.0	50.0	
95 Chlorobenzene	112	8.053	8.049	0.004	89	112830	20.0	19.7	
96 Ethylbenzene	106	8.163	8.153	0.010	100	59738	20.0	20.0	
97 1,1,1,2-Tetrachloroethane	131	8.175	8.165	0.010	93	38016	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.309	8.305	0.004	0	73517	20.0	19.8	
99 o-Xylene	106	8.759	8.755	0.004	92	73874	20.0	19.7	
100 n-Butyl acrylate	73	8.777	8.773	0.004	95	38092	20.0	20.1	
101 Styrene	104	8.795	8.792	0.003	91	127703	20.0	19.9	
103 Bromoform	173	9.008	9.004	0.004	94	24393	20.0	18.5	
102 Amyl acetate (mixed isomers)	43	9.027	9.017	0.010	85	110667	20.0	21.3	
104 Isopropylbenzene	105	9.142	9.138	0.004	98	184734	20.0	20.3	
$ 105 4-Bromofluorobenzene	174	9.337	9.333	0.004	83	118149	50.0	51.2	
106 Bromobenzene	156	9.465	9.461	0.004	93	49791	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.531	9.528	0.003	99	60583	20.0	20.3	
108 N-Propylbenzene	91	9.550	9.546	0.004	98	239348	20.0	20.2	
109 1,2,3-Trichloropropane	110	9.568	9.564	0.004	96	12533	20.0	19.0	
110 trans-1,4-Dichloro-2-butene	53	9.598	9.595	0.003	85	18919	NC	NC	
111 2-Chlorotoluene	91	9.641	9.637	0.004	97	173440	20.0	20.5	
112 4-Ethyltoluene	105	9.659	9.655	0.004	97	193196	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.726	9.722	0.004	91	157946	20.0	20.0	
114 4-Chlorotoluene	91	9.757	9.753	0.004	99	165010	20.0	20.2	
115 Butyl Methacrylate	87	9.842	9.838	0.004	96	61849	20.0	20.1	
116 tert-Butylbenzene	119	10.006	10.002	0.004	88	119763	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.061	10.063	-0.002	99	170600	20.0	20.4	
118 sec-Butylbenzene	105	10.201	10.197	0.004	98	181425	20.0	20.1	
120 1,3-Dichlorobenzene	146	10.322	10.319	0.003	92	90117	20.0	19.8	
119 4-Isopropyltoluene	119	10.328	10.325	0.003	96	151330	20.0	20.2	
* 121 1,4-Dichlorobenzene-d4	152	10.389	10.385	0.004	98	180160	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.408	10.404	0.004	95	94607	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.426	10.428	-0.002	99	182061	20.0	20.5	
124 Benzyl chloride	91	10.535	10.531	0.004	96	97938	20.0	20.3	
125 2,3-Dihydroindene	117	10.590	10.586	0.004	94	173470	NC	NC	
126 p-Diethylbenzene	119	10.651	10.647	0.004	90	93274	NC	NC	
127 n-Butylbenzene	92	10.669	10.671	-0.002	97	84565	20.0	20.1	
128 1,2-Dichlorobenzene	146	10.718	10.714	0.004	93	90220	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.277	11.274	0.003	96	156151	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.357	11.353	0.004	87	8443	20.0	17.9	
131 1,3,5-Trichlorobenzene	180	11.466	11.462	0.004	95	62656	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.941	11.937	0.004	93	56385	20.0	19.2	
133 Hexachlorobutadiene	225	12.026	12.022	0.004	93	20499	20.0	20.2	
134 Naphthalene	128	12.129	12.125	0.004	98	144549	20.0	19.1	
135 1,2,3-Trichlorobenzene	180	12.299	12.296	0.003	94	50926	20.0	18.8	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.5	
S 138 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

GAS C SP_00483	Amount Added:	20.00	Units: uL	
8260 SP_00159	Amount Added:	20.00	Units: uL	
8FreonsSS_00050	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00142	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00232	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Oct-2022 16:05:22 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81275.D

Injection Date: 13-Oct-2022 04:56:30 Instrument ID: CVOAMS8 Operator ID:

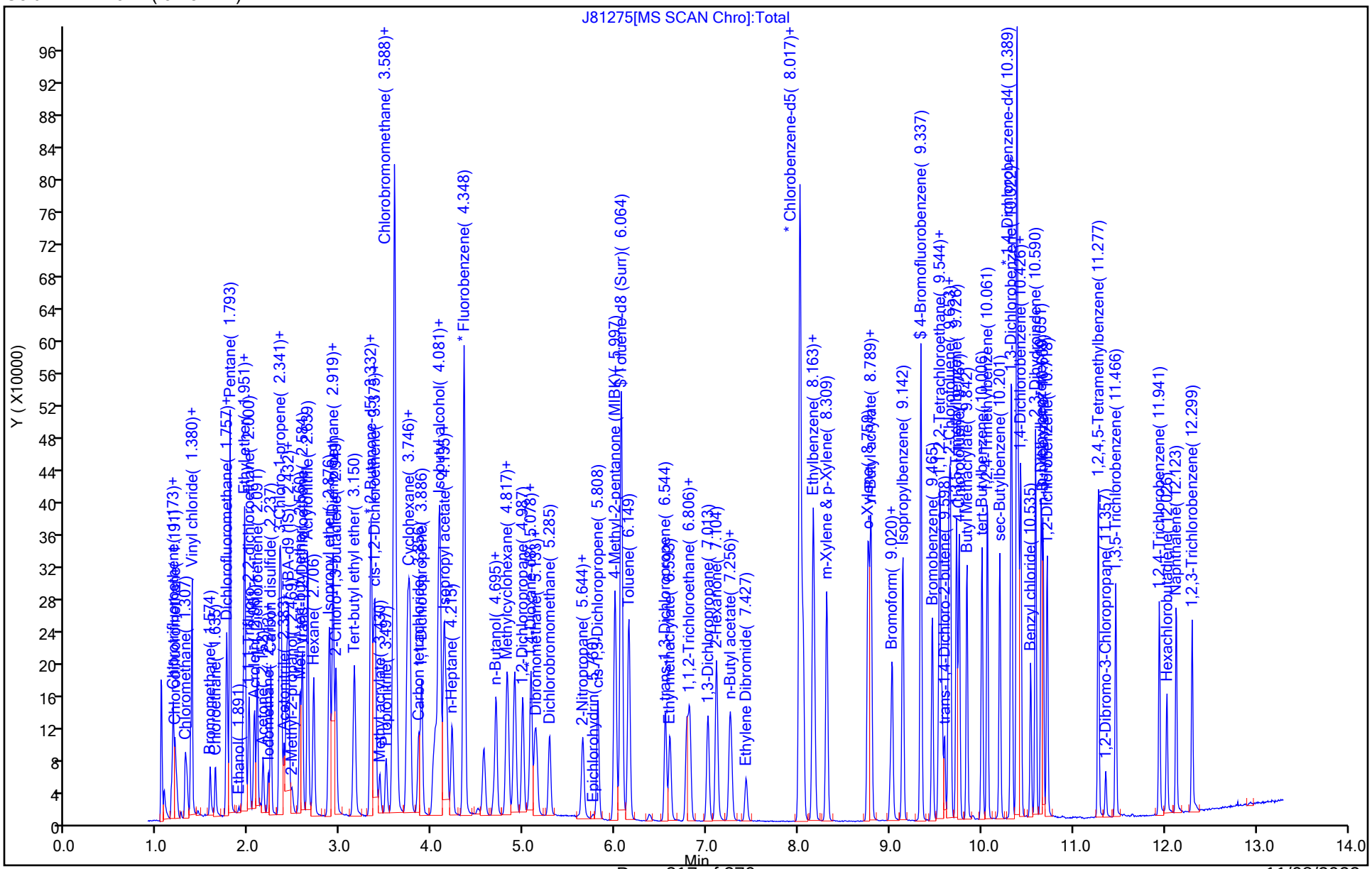
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Dichlorodifluoromethane	Ave	0.3674	0.3081		16.8	20.0	84	60-140
Chloromethane	Ave	0.5304	0.2976		11.2	20.0	56	0.1-205
Vinyl chloride	Ave	0.3527	0.2356		13.4	20.0	67	5-195
Butadiene	Ave	0.3387	0.2085		12.3	20.0	62	60-140
Bromomethane	Ave	0.1299	0.0999		15.4	20.0	77	15-185
Chloroethane	Ave	0.1740	0.1261		14.5	20.0	72	40-160
Trichlorofluoromethane	Ave	0.3747	0.3566		19.0	20.0	95	50-150
Pentane	Ave	0.4372	0.3132		28.7	40.0	72	60-140
Ethanol	Ave	0.0450	0.0569		1010	800	126	60-140
Ethyl ether	Ave	0.2176	0.1552		14.3	20.0	71	60-140
2-Methyl-1,3-butadiene	Ave	0.2746	0.2105		15.3	20.0	77	60-140
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2217	0.2482		22.4	20.0	112	60-140
Acrolein	Ave	1.799	1.355		30.1	40.0	75	10-150
1,1-Dichloroethene	Ave	0.2219	0.2156		19.4	20.0	97	50-150
Acetone	Ave	0.6627	0.5697		86.0	100	86	60-140
Iodomethane	Lin2		0.1665		14.4	20.0	72	60-140
Isopropyl alcohol	Ave	0.5196	0.6558		252	200	126	60-140
Carbon disulfide	Ave	0.8155	0.8344		20.5	20.0	102	60-140
3-Chloro-1-propene	Ave	0.1557	0.1358		17.4	20.0	87	60-140
Methyl acetate	Ave	0.2143	0.1240		23.1	40.0	58*	60-140
Acetonitrile	Ave	1.325	1.366		206	200	103	60-140
Methylene Chloride	Ave	0.2744	0.2599		18.9	20.0	95	60-140
2-Methyl-2-propanol	Ave	0.8017	0.9779		244	200	122	60-140
Methyl tert-butyl ether	Ave	0.6816	0.5279		15.5	20.0	77	60-140
trans-1,2-Dichloroethene	Ave	0.2515	0.2423		19.3	20.0	96	70-130
Acrylonitrile	Ave	4.784	4.178		175	200	87	60-140
Hexane	Ave	0.3133	0.2339		14.9	20.0	75	60-140
Isopropyl ether	Ave	1.042	0.5627		10.8	20.0	54*	60-140
1,1-Dichloroethane	Ave	0.5650	0.4525		16.0	20.0	80	70-130
Vinyl acetate	Ave	0.6615	0.3802		23.0	40.0	57*	60-140
2,2-Dichloropropane	Ave	0.1453	0.1189		16.4	20.0	82	60-140
cis-1,2-Dichloroethene	Ave	0.2764	0.2809		20.3	20.0	102	60-140
2-Butanone (MEK)	Ave	0.1966	0.2360		120	100	120	60-140
Ethyl acetate	Ave	0.2052	0.2905		56.6	40.0	142*	60-140
Chlorobromomethane	Ave	0.1224	0.1402		22.9	20.0	115	60-140
Tetrahydrofuran	Ave	0.1961	0.2523		51.5	40.0	129	60-140
Chloroform	Ave	0.4935	0.4642		18.8	20.0	94	70-135
Cyclohexane	Ave	0.3070	0.3011		19.6	20.0	98	60-140
1,1,1-Trichloroethane	Ave	0.3904	0.3916		20.1	20.0	100	70-130
Carbon tetrachloride	Ave	0.3106	0.3344		21.5	20.0	108	70-130

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,1-Dichloropropene	Ave	0.3745	0.3196		17.1	20.0	85	60-140
Benzene	Ave	1.394	0.9703		13.9	20.0	70	65-135
Isopropyl acetate	Ave	0.7834	0.4166		10.6	20.0	53*	60-140
1,2-Dichloroethane	Ave	0.4184	0.3403		16.3	20.0	81	70-130
n-Heptane	Ave	0.1247	0.0824		13.2	20.0	66	60-140
n-Butanol	Ave	0.1892	0.3423		905	500	181*	60-140
Trichloroethene	Ave	0.2781	0.3217		23.1	20.0	116	65-135
Methylcyclohexane	Ave	0.3157	0.3493		22.1	20.0	111	60-140
Ethyl acrylate	Ave	0.6709	0.5466		16.3	20.0	81	60-140
1,2-Dichloropropane	Ave	0.3313	0.3164		19.1	20.0	95	35-165
Methyl methacrylate	Ave	0.0501	0.0536		42.8	40.0	107	60-140
1,4-Dioxane	Ave	0.5434	1.075		792	400	198*	60-140
Dibromomethane	Ave	0.1826	0.2164		23.7	20.0	119	60-140
n-Propyl acetate	Ave	0.4180	0.2653		12.7	20.0	63	60-140
Dichlorobromomethane	Ave	0.3711	0.4034		21.7	20.0	109	65-135
2-Chloroethyl vinyl ether	Ave	0.1839	0.1153		12.6	20.0	63	0.1-225
Epichlorohydrin	Ave	0.2009	0.2688		535	400	134	60-140
cis-1,3-Dichloropropene	Ave	0.6566	0.4642		14.1	20.0	71	25-175
4-Methyl-2-pentanone (MIBK)	Ave	2.371	2.274		95.9	100	96	60-140
Toluene	Ave	1.456	1.212		16.7	20.0	83	70-130
trans-1,3-Dichloropropene	Ave	0.5843	0.3844		13.2	20.0	66	50-150
1,1,2-Trichloroethane	Ave	0.3075	0.2564		16.7	20.0	83	70-130
Tetrachloroethene	Ave	0.3040	0.3396		22.3	20.0	112	70-130
1,3-Dichloropropane	Ave	0.5684	0.4253		15.0	20.0	75	60-140
2-Hexanone	Ave	0.7744	0.8540		110	100	110	60-140
n-Butyl acetate	Ave	0.6725	0.2646		7.87	20.0	39*	60-140
Chlorodibromomethane	Ave	0.3245	0.3326		20.5	20.0	103	70-135
Ethylene Dibromide	Ave	0.3311	0.2950		17.8	20.0	89	60-140
Chlorobenzene	Ave	0.8794	0.8591		19.5	20.0	98	65-135
Ethylbenzene	Ave	0.4602	0.3831		16.6	20.0	83	60-140
1,1,1,2-Tetrachloroethane	Ave	0.2994	0.2915		19.5	20.0	97	60-140
m-Xylene & p-Xylene	Ave	0.5729	0.4784		16.7	20.0	84	60-140
o-Xylene	Ave	0.5760	0.4619		16.0	20.0	80	60-140
n-Butyl acrylate	Ave	0.2911	0.1853		12.7	20.0	64	60-140
Styrene	Ave	0.9873	0.9029		18.3	20.0	91	60-140
Bromoform	Ave	0.2031	0.2301		22.7	20.0	113	70-130
Amyl acetate (mixed isomers)	Ave	1.443	0.5439		7.54	20.0	38*	60-140
Isopropylbenzene	Ave	1.401	1.165		16.6	20.0	83	60-140
Bromobenzene	Ave	0.7028	0.6202		17.6	20.0	88	60-140
1,1,2,2-Tetrachloroethane	Ave	0.8301	0.6432		15.5	20.0	77	60-140
N-Propylbenzene	Ave	3.295	2.279		13.8	20.0	69	60-140

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Lab Sample ID: CCVIS 460-875754/3 Calibration Date: 11/03/2022 08:29

Instrument ID: CVOAMS8 Calib Start Date: 10/12/2022 23:30

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/13/2022 02:01

Lab File ID: J82192.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
1,2,3-Trichloropropane	Ave	0.1829	0.1465		16.0	20.0	80	60-140
2-Chlorotoluene	Ave	2.353	1.742		14.8	20.0	74	60-140
1,3,5-Trimethylbenzene	Ave	2.195	1.640		14.9	20.0	75	60-140
4-Chlorotoluene	Ave	2.272	1.687		14.9	20.0	74	60-140
Butyl Methacrylate	Ave	0.8536	0.5090		11.9	20.0	60	60-140
tert-Butylbenzene	Ave	1.661	1.222		14.7	20.0	74	60-140
1,2,4-Trimethylbenzene	Ave	2.322	1.749		15.1	20.0	75	60-140
sec-Butylbenzene	Ave	2.501	1.822		14.6	20.0	73	60-140
1,3-Dichlorobenzene	Ave	1.262	1.134		18.0	20.0	90	70-130
4-Isopropyltoluene	Ave	2.076	1.554		15.0	20.0	75	60-140
1,4-Dichlorobenzene	Ave	1.321	1.179		17.9	20.0	89	65-135
1,2,3-Trimethylbenzene	Ave	2.461	1.887		15.3	20.0	77	60-140
Benzyl chloride	Ave	1.339	1.009		15.1	20.0	75	60-140
n-Butylbenzene	Ave	1.166	0.8797		15.1	20.0	75	60-140
1,2-Dichlorobenzene	Ave	1.254	1.179		18.8	20.0	94	65-135
1,2-Dibromo-3-Chloropropane	Ave	0.1310	0.1288		19.7	20.0	98	60-140
1,2,4-Trichlorobenzene	Ave	0.8148	0.7061		17.3	20.0	87	60-140
Hexachlorobutadiene	Ave	0.2812	0.2819		20.1	20.0	100	60-140
Naphthalene	Ave	2.104	1.663		15.8	20.0	79	60-140
1,2,3-Trichlorobenzene	Ave	0.7498	0.6729		17.9	20.0	90	60-140
Dibromofluoromethane (Surr)	Ave	0.2174	0.2453		56.4	50.0	12.8	
1,2-Dichloroethane-d4 (Surr)	Ave	0.2990	0.2643		44.2	50.0	-11.6	
Toluene-d8 (Surr)	Ave	1.070	1.053		49.2	50.0	-1.5	
4-Bromofluorobenzene	Ave	0.3550	0.4113		57.9	50.0	15.9	

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82192.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 03-Nov-2022 08:29:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0152676-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 20:00:48 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: HVW2 Date: 03-Nov-2022 20:00:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.143	1.143	0.000	90	3852	NC	NC	
4 Dichlorodifluoromethane	85	1.167	1.167	0.000	99	57847	20.0	16.8	
5 Chlorodifluoromethane	67	1.185	1.185	0.000	98	10269	NC	NC	
6 Chloromethane	50	1.295	1.295	0.000	99	55871	20.0	11.2	
7 Vinyl chloride	62	1.350	1.350	0.000	99	44237	20.0	13.4	
8 Butadiene	54	1.368	1.368	0.000	97	39144	20.0	12.3	
9 Bromomethane	94	1.563	1.563	0.000	98	18749	20.0	15.4	
10 Chloroethane	64	1.617	1.617	0.000	99	23673	20.0	14.5	
12 Dichlorofluoromethane	67	1.739	1.739	0.000	99	77699	NC	NC	
11 Trichlorofluoromethane	101	1.751	1.751	0.000	98	66948	20.0	19.0	
13 Pentane	43	1.782	1.782	0.000	94	117600	40.0	28.7	
14 Ethanol	46	1.879	1.879	0.000	97	6859	800.0	1010.9	
15 Ethyl ether	59	1.915	1.915	0.000	98	29142	20.0	14.3	
16 2-Methyl-1,3-butadiene	53	1.934	1.934	0.000	97	39529	20.0	15.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.946	1.946	0.000	93	34830	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.988	1.988	0.000	98	62584	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.043	0.000	97	46595	20.0	22.4	
19 Acrolein	56	2.049	2.049	0.000	45	8164	40.0	30.1	
21 1,1-Dichloroethene	96	2.074	2.074	0.000	99	40488	20.0	19.4	
22 Acetone	43	2.141	2.141	0.000	85	42506	100.0	86.0	
23 Iodomethane	142	2.195	2.195	0.000	99	31259	20.0	14.4	
25 Isopropyl alcohol	45	2.201	2.201	0.000	74	19758	200.0	252.5	
24 Carbon disulfide	76	2.226	2.226	0.000	99	156657	20.0	20.5	
26 3-Chloro-1-propene	76	2.317	2.317	0.000	93	25501	20.0	17.4	
28 Methyl acetate	43	2.323	2.323	0.000	100	46552	40.0	23.1	
27 Cyclopentene	67	2.335	2.335	0.000	96	92849	NC	NC	
29 Acetonitrile	41	2.366	2.366	0.000	99	41169	200.0	206.2	
* 30 TBA-d9 (IS)	65	2.402	2.402	0.000	81	150637	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.420	0.000	90	48793	20.0	18.9	
32 2-Methyl-2-propanol	59	2.457	2.457	0.000	98	29462	200.0	244.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.542	2.542	0.000	96	99111	20.0	15.5	
34 trans-1,2-Dichloroethene	96	2.566	2.566	0.000	97	45498	20.0	19.3	
35 Acrylonitrile	53	2.627	2.627	0.000	94	125868	200.0	174.7	
36 Hexane	57	2.688	2.688	0.000	91	43915	20.0	14.9	
37 Isopropyl ether	45	2.858	2.858	0.000	96	105657	20.0	10.8	
38 1,1-Dichloroethane	63	2.895	2.895	0.000	99	84964	20.0	16.0	
39 Vinyl acetate	43	2.901	2.901	0.000	100	142767	40.0	23.0	
40 2-Chloro-1,3-butadiene	88	2.931	2.931	0.000	93	36720	NC	NC	
41 Tert-butyl ethyl ether	59	3.132	3.132	0.000	88	103358	NC	NC	
* 43 2-Butanone-d5	46	3.315	3.315	0.000	99	186523	250.0	250.0	
42 2,2-Dichloropropane	79	3.315	3.315	0.000	93	22323	20.0	16.4	
44 cis-1,2-Dichloroethene	96	3.345	3.345	0.000	98	52740	20.0	20.3	
45 Ethyl acetate	70	3.363	3.363	0.000	96	8670	40.0	56.6	
46 2-Butanone (MEK)	72	3.363	3.363	0.000	96	17606	100.0	120.1	
47 Methyl acrylate	55	3.412	3.412	0.000	100	27704	NC	NC	
48 Propionitrile	54	3.479	3.479	0.000	97	48906	NC	NC	
50 Chlorobromomethane	128	3.546	3.546	0.000	85	26322	20.0	22.9	
49 Tetrahydrofuran	72	3.552	3.552	0.000	53	7529	40.0	51.5	
51 Methacrylonitrile	67	3.570	3.570	0.000	90	149989	NC	NC	
52 Chloroform	83	3.594	3.594	0.000	99	87156	20.0	18.8	
53 Cyclohexane	84	3.710	3.710	0.000	92	56527	20.0	19.6	
54 1,1,1-Trichloroethane	97	3.722	3.722	0.000	98	73530	20.0	20.1	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.740	0.000	96	115129	50.0	56.4	
56 Carbon tetrachloride	117	3.832	3.832	0.000	99	62784	20.0	21.5	
57 1,1-Dichloropropene	75	3.862	3.862	0.000	97	60009	20.0	17.1	
58 Isobutyl alcohol	43	3.996	3.996	0.000	95	43572	NC	NC	
59 Isooctane	57	4.014	4.014	0.000	97	74491	NC	NC	a
60 Benzene	78	4.051	4.051	0.000	97	178184	20.0	13.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.069	4.069	0.000	0	124056	50.0	44.2	
62 Isopropyl acetate	43	4.112	4.112	0.000	92	78209	20.0	10.6	
63 Tert-amyl methyl ether	55	4.112	4.112	0.000	88	26499	NC	NC	
64 1,2-Dichloroethane	62	4.142	4.142	0.000	99	63895	20.0	16.3	
65 n-Heptane	57	4.197	4.197	0.000	90	15480	20.0	13.2	
* 66 Fluorobenzene	96	4.331	4.331	0.000	98	469380	50.0	50.0	
67 n-Butanol	56	4.647	4.647	0.000	90	25779	500.0	904.7	
68 Trichloroethene	95	4.677	4.677	0.000	99	60402	20.0	23.1	
69 Methylcyclohexane	83	4.793	4.793	0.000	93	65580	20.0	22.1	
70 Ethyl acrylate	55	4.805	4.805	0.000	97	102621	20.0	16.3	
71 1,2-Dichloropropane	63	4.963	4.963	0.000	93	59410	20.0	19.1	
* 72 1,4-Dioxane-d8	96	5.036	5.036	0.000	0	31040	1000.0	1000.0	
73 Methyl methacrylate	100	5.055	5.055	0.000	88	20116	40.0	42.8	
75 1,4-Dioxane	88	5.097	5.097	0.000	45	13352	400.0	791.5	
74 Dibromomethane	93	5.097	5.097	0.000	98	40626	20.0	23.7	
76 n-Propyl acetate	43	5.121	5.121	0.000	97	49813	20.0	12.7	
77 Dichlorobromomethane	83	5.255	5.255	0.000	99	75736	20.0	21.7	
78 2-Nitropropane	41	5.614	5.614	0.000	85	17474	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.626	5.626	0.000	86	21700	20.0	12.6	
80 Epichlorohydrin	57	5.730	5.730	0.000	99	80206	400.0	535.2	
81 cis-1,3-Dichloropropene	75	5.785	5.785	0.000	91	85251	20.0	14.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.973	5.973	0.000	96	169696	100.0	95.9	
$ 83 Toluene-d8 (Surr)	98	6.040	6.040	0.000	99	483518	50.0	49.2	
84 Toluene	91	6.125	6.125	0.000	93	222655	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.521	6.521	0.000	96	70599	20.0	13.2	
86 Ethyl methacrylate	69	6.575	6.575	0.000	87	45061	NC	NC	
87 1,1,2-Trichloroethane	83	6.758	6.758	0.000	97	47095	20.0	16.7	
88 Tetrachloroethene	166	6.788	6.788	0.000	97	62370	20.0	22.3	
89 1,3-Dichloropropane	76	6.983	6.983	0.000	93	78103	20.0	15.0	
90 2-Hexanone	58	7.080	7.080	0.000	96	63713	100.0	110.3	
91 n-Butyl acetate	43	7.226	7.226	0.000	98	48592	20.0	7.87	
92 Chlorodibromomethane	129	7.238	7.238	0.000	98	61079	20.0	20.5	
93 Ethylene Dibromide	107	7.403	7.403	0.000	98	54177	20.0	17.8	
* 94 Chlorobenzene-d5	117	7.993	7.993	0.000	85	459118	50.0	50.0	
95 Chlorobenzene	112	8.029	8.029	0.000	96	157770	20.0	19.5	
96 Ethylbenzene	106	8.139	8.139	0.000	98	70349	20.0	16.6	
97 1,1,1,2-Tetrachloroethane	131	8.151	8.151	0.000	97	53537	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.291	8.291	0.000	0	87854	20.0	16.7	
99 o-Xylene	106	8.741	8.741	0.000	94	84819	20.0	16.0	
100 n-Butyl acrylate	73	8.759	8.759	0.000	97	34033	20.0	12.7	
101 Styrene	104	8.778	8.778	0.000	96	165809	20.0	18.3	
103 Bromoform	173	8.984	8.984	0.000	97	42255	20.0	22.7	
102 Amyl acetate (mixed isomers)	43	9.009	9.009	0.000	91	64949	20.0	7.54	
104 Isopropylbenzene	105	9.124	9.124	0.000	96	213920	20.0	16.6	
$ 105 4-Bromofluorobenzene	174	9.319	9.319	0.000	95	188816	50.0	57.9	
106 Bromobenzene	156	9.447	9.447	0.000	94	74054	20.0	17.6	
107 1,1,2,2-Tetrachloroethane	83	9.514	9.514	0.000	98	76800	20.0	15.5	
108 N-Propylbenzene	91	9.532	9.532	0.000	99	272110	20.0	13.8	
109 1,2,3-Trichloropropane	110	9.550	9.550	0.000	98	17488	20.0	16.0	
110 trans-1,4-Dichloro-2-butene	53	9.581	9.581	0.000	94	16578	NC	NC	
111 2-Chlorotoluene	91	9.629	9.629	0.000	96	208004	20.0	14.8	
112 4-Ethyltoluene	105	9.641	9.641	0.000	98	237605	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.708	9.708	0.000	92	195877	20.0	14.9	
114 4-Chlorotoluene	91	9.739	9.739	0.000	97	201430	20.0	14.9	
115 Butyl Methacrylate	87	9.824	9.824	0.000	90	60781	20.0	11.9	
116 tert-Butylbenzene	119	9.988	9.988	0.000	93	145932	20.0	14.7	
117 1,2,4-Trimethylbenzene	105	10.049	10.049	0.000	97	208887	20.0	15.1	
118 sec-Butylbenzene	105	10.183	10.183	0.000	99	217559	20.0	14.6	
120 1,3-Dichlorobenzene	146	10.305	10.305	0.000	97	135429	20.0	18.0	
119 4-Isopropyltoluene	119	10.317	10.317	0.000	97	185612	20.0	15.0	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	94	298524	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.390	10.390	0.000	96	140817	20.0	17.9	
123 1,2,3-Trimethylbenzene	105	10.414	10.414	0.000	98	225344	20.0	15.3	
124 Benzyl chloride	91	10.517	10.517	0.000	99	120441	20.0	15.1	
125 2,3-Dihydroindene	117	10.572	10.572	0.000	94	226252	NC	NC	
126 p-Diethylbenzene	119	10.633	10.633	0.000	92	120524	NC	NC	
127 n-Butylbenzene	92	10.657	10.657	0.000	98	105050	20.0	15.1	
128 1,2-Dichlorobenzene	146	10.700	10.700	0.000	97	140745	20.0	18.8	
129 1,2,4,5-Tetramethylbenzene	119	11.260	11.260	0.000	97	173177	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.345	11.345	0.000	94	15377	20.0	19.7	
131 1,3,5-Trichlorobenzene	180	11.448	11.448	0.000	97	94582	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.929	11.929	0.000	94	84316	20.0	17.3	
133 Hexachlorobutadiene	225	12.008	12.008	0.000	96	33666	20.0	20.1	
134 Naphthalene	128	12.111	12.111	0.000	100	198608	20.0	15.8	
135 1,2,3-Trichlorobenzene	180	12.288	12.288	0.000	95	80345	20.0	17.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	32.7	
S 138 Total BTEX	1				0		100.0	80.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

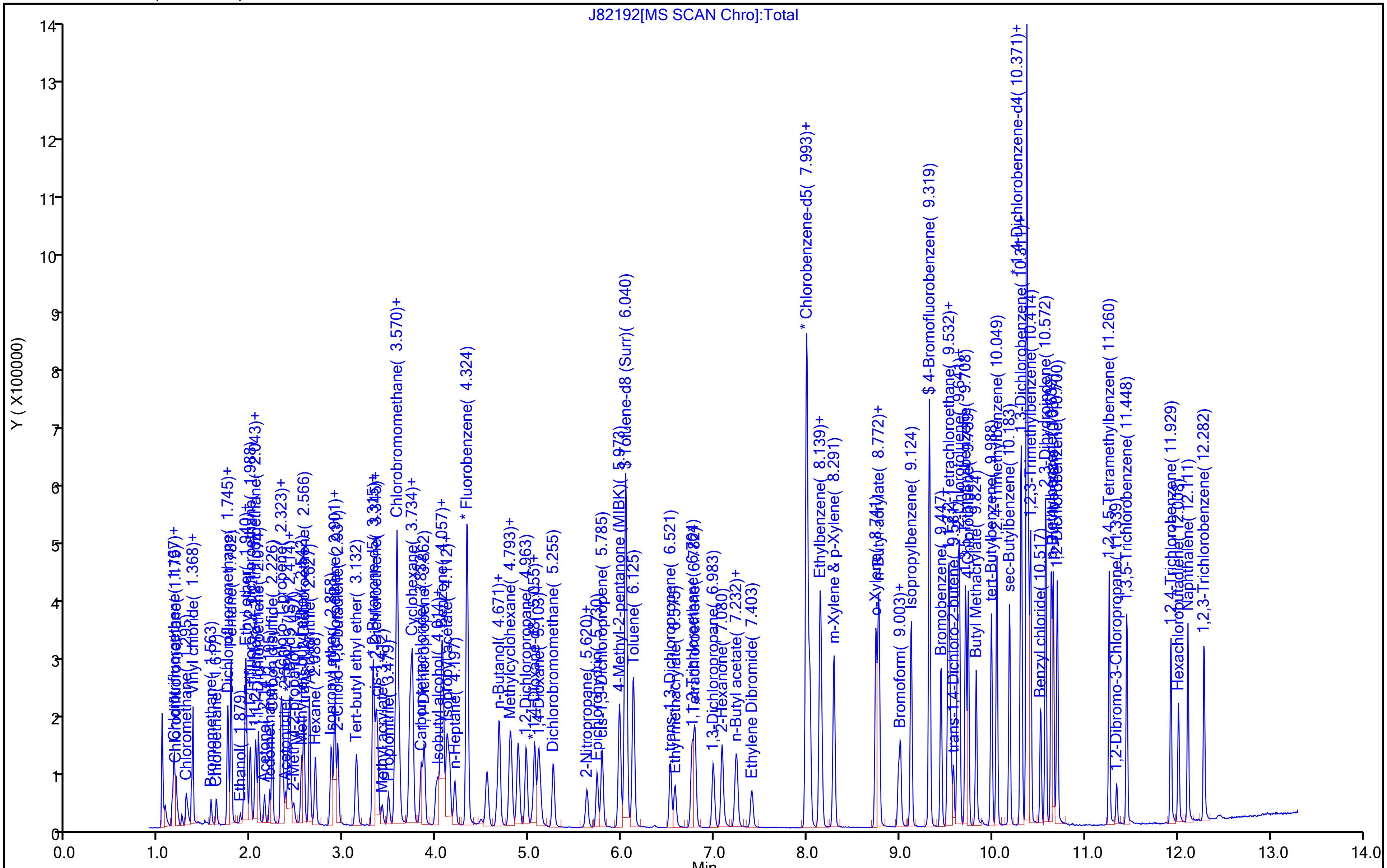
524freon_00059	Amount Added:	20.00	Units: uL	
GASES Li_00500	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00161	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Nov-2022 20:00:50 Chrom Revision: 2.3 25-Oct-2022 11:16:06

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82192.D				
Injection Date:	03-Nov-2022 08:29:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 12-Oct-2022 22:40:30 ALS Bottle#: 9 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0151655-001
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 14-Oct-2022 16:05:18 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 12-Oct-2022 22:51:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	3.910	3.910	0.000	74	54901	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

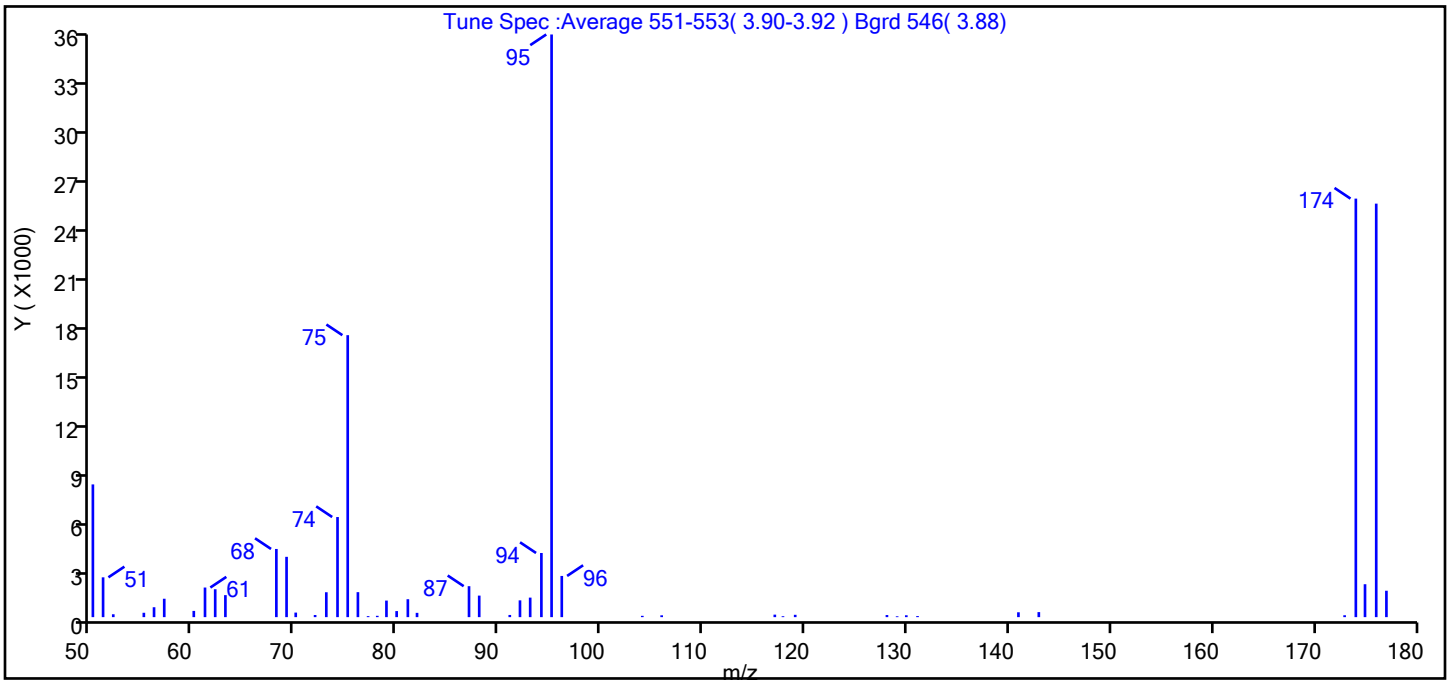
BFB_00032 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D
Injection Date: 12-Oct-2022 22:40:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.8
75	30 to 60% of m/z 95	48.4
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.3 (0.5)
174	50 to 120% of m/z 95	71.8
175	5 to 9% of m/z 174	5.6 (7.9)
176	Greater than 95% but less than 101% of m/z 174	71.0 (98.8)
177	5 to 9% of m/z 176	4.5 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D\8260_W8.rslt\spectra.d
Injection Date: 12-Oct-2022 22:40:30
Spectrum: Tune Spec :Average 551-553(3.90-3.92) Bgrd 546(3.88)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 48

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	8048	70.00	276	87.00	1877	119.00	142
51.00	2414	72.00	129	88.00	1306	128.00	128
52.00	175	73.00	1510	91.00	133	129.00	51
55.00	265	74.00	6070	92.00	1018	130.00	113
56.00	601	75.00	17096	93.00	1184	131.00	65
57.00	1116	76.00	1515	94.00	3890	141.00	295
60.00	378	77.00	61	95.00	35328	143.00	305
61.00	1795	78.00	81	96.00	2498	173.00	115
62.00	1691	79.00	1004	104.00	80	174.00	25376
63.00	1335	80.00	368	106.00	111	175.00	1996
68.00	4134	81.00	1087	117.00	152	176.00	25072
69.00	3657	82.00	260	118.00	55	177.00	1601

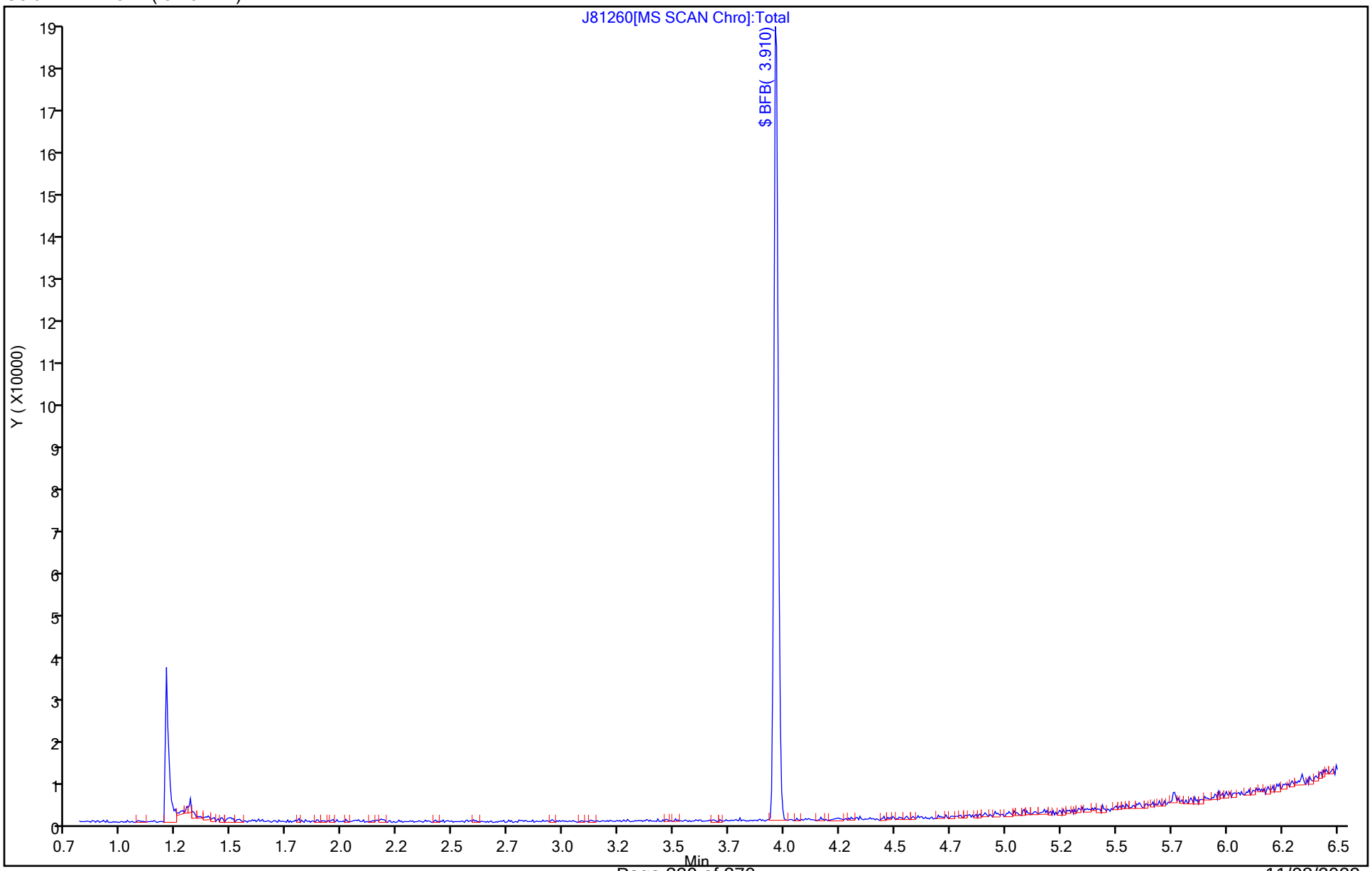
Report Date: 14-Oct-2022 16:05:18 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81260.D

Injection Date:	12-Oct-2022 22:40:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 03-Nov-2022 07:37:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0152676-001
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 08:51:10 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 07:57:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	3.904	3.904	0.000	84	63388	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

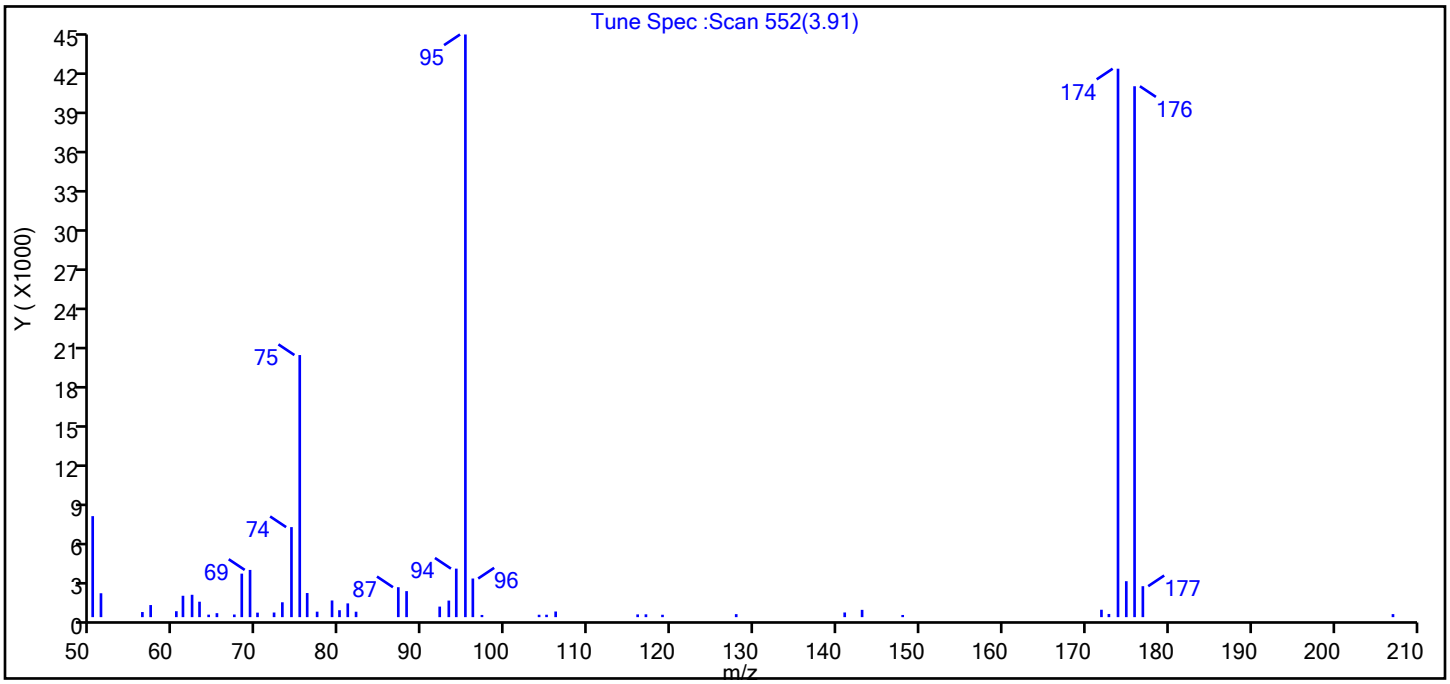
BFB_00032 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D
Injection Date: 03-Nov-2022 07:37:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA 624.1 ICAL
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.3
75	30 to 60% of m/z 95	45.0
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.5 (0.6)
174	50 to 120% of m/z 95	94.1
175	5 to 9% of m/z 174	6.2 (6.6)
176	Greater than 95% but less than 101% of m/z 174	91.1 (96.8)
177	5 to 9% of m/z 176	5.3 (5.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D\8260_W8.rslt\spectra.d
Injection Date: 03-Nov-2022 07:37:30
Spectrum: Tune Spec :Scan 552(3.91)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 49

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	7695	70.00	343	92.00	803	141.00	356
51.00	1820	72.00	353	93.00	1262	143.00	556
56.00	389	73.00	1133	94.00	3696	148.00	166
57.00	921	74.00	6859	95.00	44392	172.00	564
60.00	453	75.00	19968	96.00	2943	173.00	242
61.00	1629	76.00	1837	97.00	167	174.00	41784
62.00	1704	77.00	418	104.00	183	175.00	2739
63.00	1176	79.00	1270	105.00	185	176.00	40448
64.00	190	80.00	528	106.00	430	177.00	2358
65.00	303	81.00	1049	116.00	209	207.00	232
67.00	201	82.00	414	117.00	215		
68.00	3315	87.00	2280	119.00	183		
69.00	3598	88.00	1982	128.00	229		

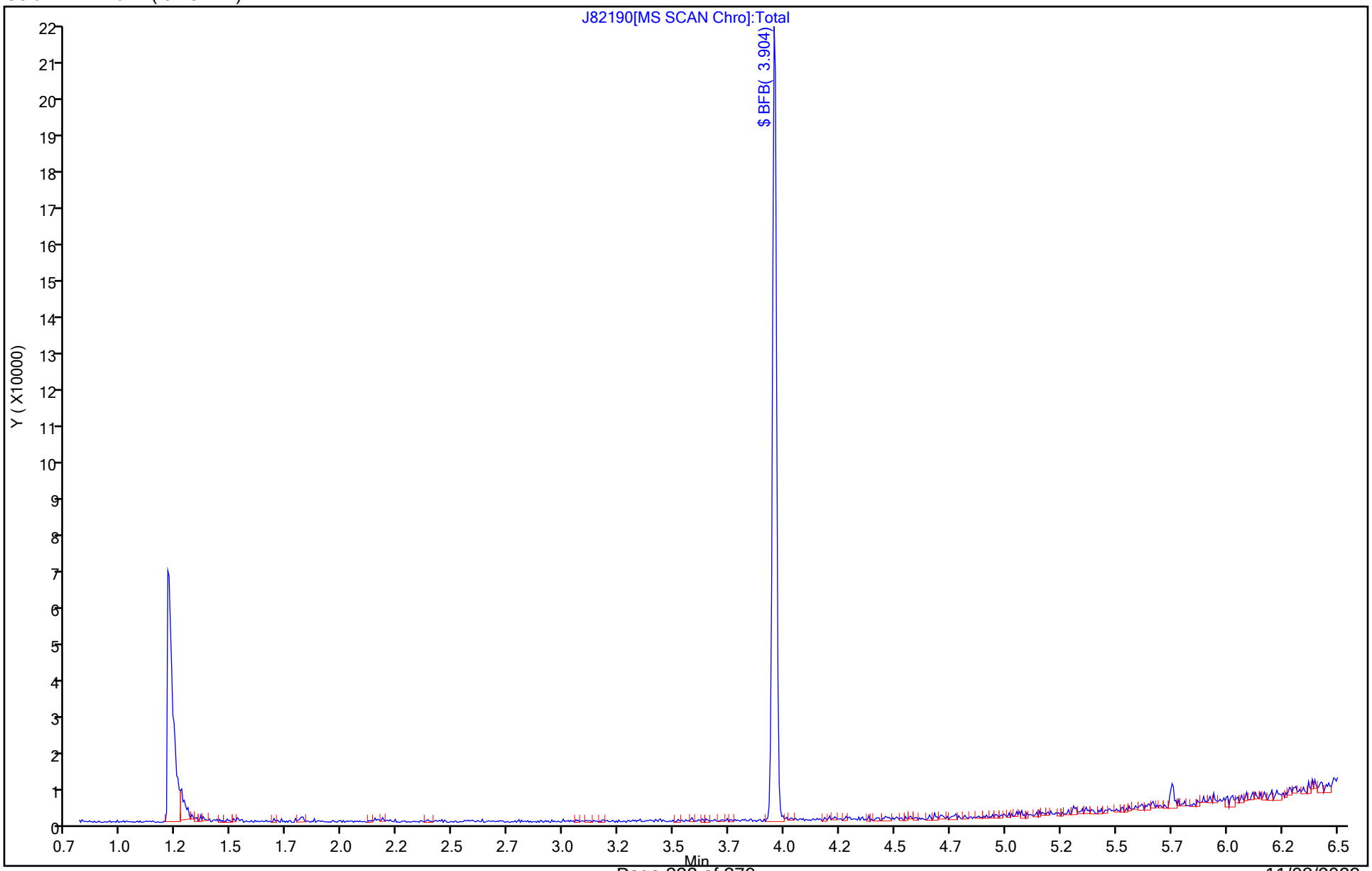
Report Date: 03-Nov-2022 08:51:10 Chrom Revision: 2.3 01-Nov-2022 22:37:18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82190.D

Injection Date:	03-Nov-2022 07:37:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-875754/8

Matrix: Water | Lab File ID: J82197.D

Analysis Method: 624.1 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 10:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	2.0	U	2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	110		60-140
1868-53-7	Dibromofluoromethane (Surr)	117		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		60-140
2037-26-5	Toluene-d8 (Surr)	90		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Nov-2022 10:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0152676-008
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 11:13:21 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 11:13:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.397	2.402	-0.005	75	121739	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.309	3.315	-0.006	88	152854	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.741	3.740	0.001	96	113316	50.0	58.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.069	0.001	0	115379	50.0	43.2	
* 66 Fluorobenzene	96	4.325	4.331	-0.006	99	446264	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.043	5.036	0.007	0	25536	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.041	6.040	0.001	99	397867	50.0	45.0	
* 94 Chlorobenzene-d5	117	7.993	7.993	0.000	85	413500	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.320	9.319	0.001	94	160745	50.0	54.8	
* 121 1,4-Dichlorobenzene-d4	152	10.372	10.371	0.001	95	246116	50.0	50.0	

QC Flag Legend
Processing Flags

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

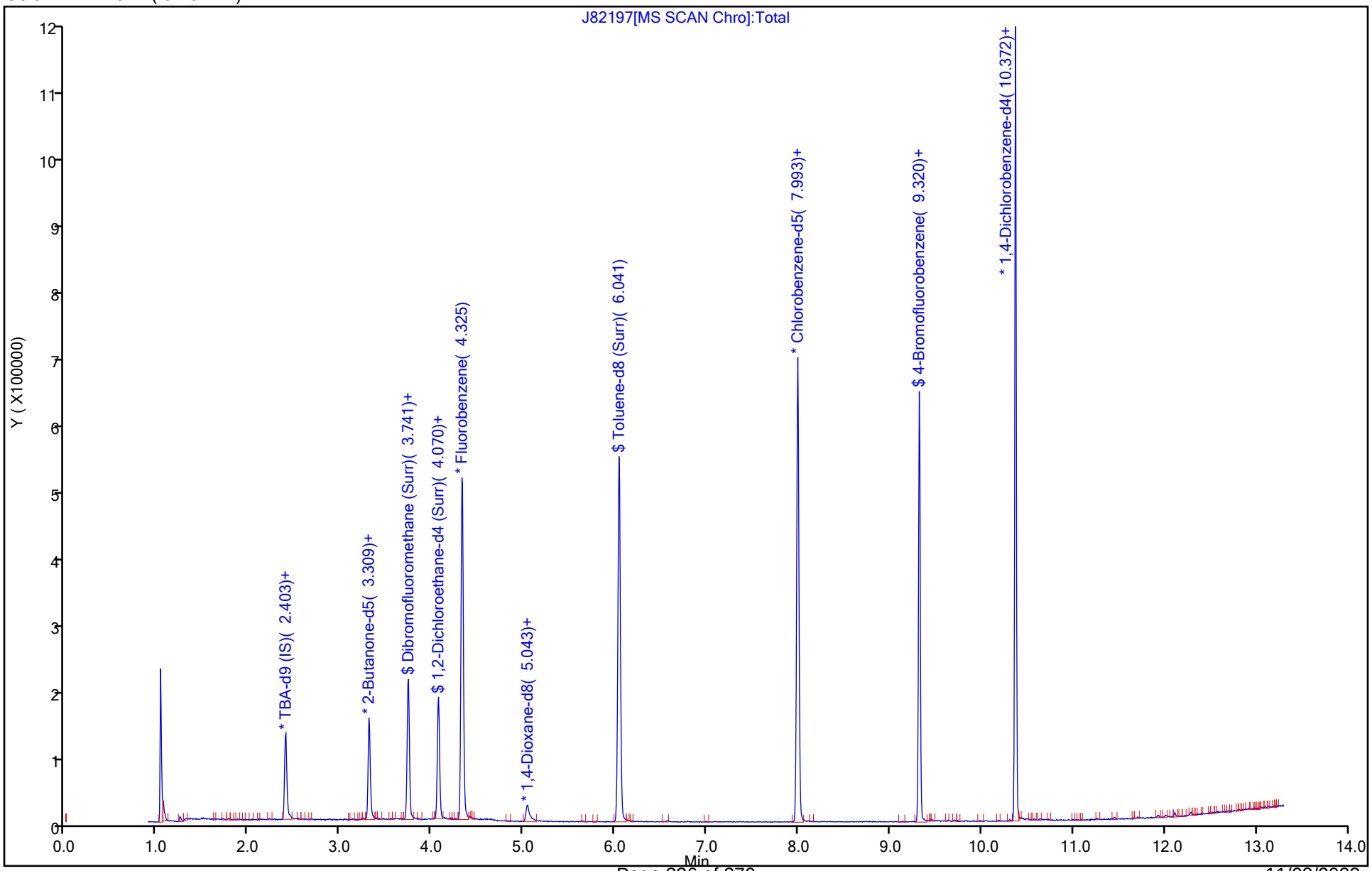
Report Date: 03-Nov-2022 11:13:23 Chrom Revision: 2.3 01-Nov-2022 22:37:18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D

Injection Date:	03-Nov-2022 10:53:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82197.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 03-Nov-2022 10:53:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0152676-008
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 11:13:21 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 11:13:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	58.4	116.80
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.2	86.48
$ 83 Toluene-d8 (Surr)	50.0	45.0	89.95
$ 105 4-Bromofluorobenzene	50.0	54.8	109.52

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-875754/5

Matrix: Water | Lab File ID: J82194.D

Analysis Method: 624.1 | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 09:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	33.9		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	116		60-140
1868-53-7	Dibromofluoromethane (Surr)	114		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		60-140
2037-26-5	Toluene-d8 (Surr)	97		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Nov-2022 09:28:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0152676-005
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 09:50:31 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 09:50:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.144	1.143	0.001	93	4743	NC	NC	
4 Dichlorodifluoromethane	85	1.168	1.167	0.001	99	61465	20.0	17.4	
5 Chlorodifluoromethane	67	1.186	1.185	0.001	98	12374	NC	NC	
6 Chloromethane	50	1.296	1.295	0.001	99	61936	20.0	12.2	
7 Vinyl chloride	62	1.350	1.350	0.000	98	48560	20.0	14.3	
8 Butadiene	54	1.369	1.368	0.001	97	44124	20.0	13.6	
9 Bromomethane	94	1.563	1.563	0.000	98	23313	20.0	18.7	
10 Chloroethane	64	1.618	1.617	0.001	98	24291	20.0	14.6	
12 Dichlorofluoromethane	67	1.740	1.739	0.001	98	84588	NC	NC	
11 Trichlorofluoromethane	101	1.746	1.751	-0.005	98	73942	20.0	20.6	
13 Pentane	43	1.776	1.782	-0.006	95	120884	40.0	28.8	
14 Ethanol	46	1.874	1.879	-0.005	97	7204	800.0	1175.5	
15 Ethyl ether	59	1.916	1.915	0.001	93	28957	20.0	13.9	
16 2-Methyl-1,3-butadiene	53	1.934	1.934	0.000	96	38506	20.0	14.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.947	1.946	0.001	94	37523	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.983	1.988	-0.005	98	70895	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.044	2.043	0.001	97	48519	20.0	22.8	
19 Acrolein	56	2.050	2.049	0.001	94	5904	40.0	24.1	
21 1,1-Dichloroethene	96	2.074	2.074	0.000	98	42925	20.0	20.2	
22 Acetone	43	2.141	2.141	0.000	87	43698	100.0	93.4	
23 Iodomethane	142	2.196	2.195	0.001	99	35975	20.0	16.2	
25 Isopropyl alcohol	45	2.196	2.201	-0.005	61	19507	200.0	275.9	
24 Carbon disulfide	76	2.220	2.226	-0.006	99	162920	20.0	20.8	
26 3-Chloro-1-propene	76	2.318	2.317	0.001	95	27329	20.0	18.3	
28 Methyl acetate	43	2.324	2.323	0.001	99	43236	40.0	21.0	
27 Cyclopentene	67	2.336	2.335	0.001	96	96180	NC	NC	
29 Acetonitrile	41	2.366	2.366	0.000	98	32892	200.0	182.4	
* 30 TBA-d9 (IS)	65	2.397	2.402	-0.005	77	136061	1000.0	1000.0	
31 Methylene Chloride	84	2.415	2.420	-0.005	93	49793	20.0	18.9	
32 2-Methyl-2-propanol	59	2.458	2.457	0.001	99	27805	200.0	254.9	
33 Methyl tert-butyl ether	73	2.543	2.542	0.001	97	90502	20.0	13.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.567	2.566	0.001	97	47067	20.0	19.5	
35 Acrylonitrile	53	2.622	2.627	-0.005	93	118125	200.0	181.5	
36 Hexane	57	2.689	2.688	0.001	90	41811	20.0	13.9	
37 Isopropyl ether	45	2.859	2.858	0.001	96	100846	20.0	10.1	
38 1,1-Dichloroethane	63	2.896	2.895	0.001	99	88281	20.0	16.3	
39 Vinyl acetate	43	2.902	2.901	0.001	100	129298	40.0	20.4	
40 2-Chloro-1,3-butadiene	88	2.932	2.931	0.001	92	37862	NC	NC	
41 Tert-butyl ethyl ether	59	3.133	3.132	0.001	87	98991	NC	NC	
* 43 2-Butanone-d5	46	3.309	3.315	-0.006	99	176579	250.0	250.0	
42 2,2-Dichloropropane	79	3.321	3.315	0.006	94	23576	20.0	16.9	
44 cis-1,2-Dichloroethene	96	3.346	3.345	0.001	97	52669	20.0	19.9	
45 Ethyl acetate	70	3.364	3.363	0.001	96	8065	40.0	55.6	
46 2-Butanone (MEK)	72	3.358	3.363	-0.005	96	17718	100.0	127.6	
47 Methyl acrylate	55	3.407	3.412	-0.005	100	24770	NC	NC	
48 Propionitrile	54	3.480	3.479	0.001	97	49488	NC	NC	
50 Chlorobromomethane	128	3.547	3.546	0.001	88	27108	20.0	23.1	
49 Tetrahydrofuran	72	3.553	3.552	0.001	51	7745	40.0	55.9	
51 Methacrylonitrile	67	3.571	3.570	0.001	90	149413	NC	NC	
52 Chloroform	83	3.595	3.594	0.001	98	91455	20.0	19.3	
53 Cyclohexane	84	3.711	3.710	0.001	92	59425	20.0	20.2	
54 1,1,1-Trichloroethane	97	3.723	3.722	0.001	98	75725	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	3.735	3.740	-0.005	96	118806	50.0	57.0	
56 Carbon tetrachloride	117	3.832	3.832	0.000	99	66742	20.0	22.4	
57 1,1-Dichloropropene	75	3.863	3.862	0.001	98	63088	20.0	17.6	
58 Isobutyl alcohol	43	3.997	3.996	0.001	97	43856	NC	NC	
59 Isooctane	57	4.015	4.014	0.001	98	76638	NC	NC	a
60 Benzene	78	4.051	4.051	0.000	96	189758	20.0	15.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.070	4.069	0.001	0	122783	50.0	42.8	
62 Isopropyl acetate	43	4.112	4.112	0.000	87	73839	20.0	9.82	
63 Tert-amyl methyl ether	55	4.112	4.112	0.000	87	25831	NC	NC	
64 1,2-Dichloroethane	62	4.137	4.142	-0.005	98	64106	20.0	16.0	
65 n-Heptane	57	4.198	4.197	0.001	91	16132	20.0	13.5	
* 66 Fluorobenzene	96	4.325	4.331	-0.006	98	479687	50.0	50.0	
67 n-Butanol	56	4.648	4.647	0.001	92	22037	500.0	856.3	
68 Trichloroethene	95	4.672	4.677	-0.005	98	49372	20.0	18.5	
69 Methylcyclohexane	83	4.788	4.793	-0.005	94	54689	20.0	18.1	
70 Ethyl acrylate	55	4.806	4.805	0.001	97	80351	20.0	12.5	
71 1,2-Dichloropropane	63	4.964	4.963	0.001	93	60014	20.0	18.9	
* 72 1,4-Dioxane-d8	96	5.037	5.036	0.001	0	30790	1000.0	1000.0	
73 Methyl methacrylate	100	5.055	5.055	0.001	87	18357	40.0	38.2	
75 1,4-Dioxane	88	5.092	5.097	-0.005	44	12567	400.0	751.1	
74 Dibromomethane	93	5.098	5.097	0.001	96	40051	20.0	22.9	
76 n-Propyl acetate	43	5.116	5.121	-0.005	97	46886	20.0	11.7	
77 Dichlorobromomethane	83	5.256	5.255	0.001	99	76351	20.0	21.4	
78 2-Nitropropane	41	5.615	5.614	0.001	92	16724	NC	NC	
79 2-Chloroethyl vinyl ether	63	5.621	5.626	-0.005	94	21702	20.0	12.3	
80 Epichlorohydrin	57	5.731	5.730	0.001	100	78817	400.0	555.5	
81 cis-1,3-Dichloropropene	75	5.785	5.785	0.000	90	86016	20.0	14.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.974	5.973	0.001	96	158159	100.0	94.5	
$ 83 Toluene-d8 (Surr)	98	6.041	6.040	0.001	99	473617	50.0	48.7	
84 Toluene	91	6.120	6.125	-0.005	94	223170	20.0	16.9	
85 trans-1,3-Dichloropropene	75	6.521	6.521	0.000	95	71196	20.0	13.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.570	6.575	-0.005	88	44846	NC	NC	
87 1,1,2-Trichloroethane	83	6.753	6.758	-0.005	98	46566	20.0	16.7	
88 Tetrachloroethene	166	6.783	6.788	-0.005	97	59610	20.0	21.6	
89 1,3-Dichloropropane	76	6.984	6.983	0.001	93	76823	20.0	14.9	
90 2-Hexanone	58	7.081	7.080	0.001	95	61175	100.0	111.8	
91 n-Butyl acetate	43	7.227	7.226	0.001	98	48413	20.0	7.92	
92 Chlorodibromomethane	129	7.239	7.238	0.001	97	60029	20.0	20.3	
93 Ethylene Dibromide	107	7.403	7.403	0.000	99	53414	20.0	17.7	
* 94 Chlorobenzene-d5	117	7.994	7.993	0.001	85	454658	50.0	50.0	
95 Chlorobenzene	112	8.024	8.029	-0.005	95	160574	20.0	20.1	
96 Ethylbenzene	106	8.140	8.139	0.001	98	70930	20.0	16.9	
97 1,1,1,2-Tetrachloroethane	131	8.152	8.151	0.001	96	53863	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.292	8.291	0.001	0	89764	20.0	17.2	
99 o-Xylene	106	8.742	8.741	0.001	94	87558	20.0	16.7	
100 n-Butyl acrylate	73	8.760	8.759	0.001	98	33908	20.0	12.8	
101 Styrene	104	8.772	8.778	-0.006	96	168820	20.0	18.8	
103 Bromoform	173	8.985	8.984	0.001	97	42349	20.0	22.9	
102 Amyl acetate (mixed isomers)	43	9.003	9.009	-0.006	91	63701	20.0	7.54	
104 Isopropylbenzene	105	9.125	9.124	0.001	96	216914	20.0	17.0	
$ 105 4-Bromofluorobenzene	174	9.320	9.319	0.001	94	187070	50.0	58.0	
106 Bromobenzene	156	9.448	9.447	0.001	96	75828	20.0	18.4	
107 1,1,2,2-Tetrachloroethane	83	9.514	9.514	0.000	99	78211	20.0	16.1	
108 N-Propylbenzene	91	9.533	9.532	0.001	99	278812	20.0	14.4	
109 1,2,3-Trichloropropane	110	9.551	9.550	0.001	98	18111	20.0	16.9	
110 trans-1,4-Dichloro-2-butene	53	9.575	9.581	-0.006	91	16879	NC	NC	
111 2-Chlorotoluene	91	9.624	9.629	-0.005	97	212124	20.0	15.4	
112 4-Ethyltoluene	105	9.642	9.641	0.001	98	244120	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.709	9.708	0.001	93	197712	20.0	15.4	
114 4-Chlorotoluene	91	9.740	9.739	0.001	97	223226	20.0	16.8	
115 Butyl Methacrylate	87	9.825	9.824	0.001	91	59445	20.0	11.9	
116 tert-Butylbenzene	119	9.989	9.988	0.001	93	148544	20.0	15.3	
117 1,2,4-Trimethylbenzene	105	10.050	10.049	0.001	98	216269	20.0	15.9	
118 sec-Butylbenzene	105	10.184	10.183	0.001	99	226097	20.0	15.4	
120 1,3-Dichlorobenzene	146	10.305	10.305	0.000	97	137897	20.0	18.7	
119 4-Isopropyltoluene	119	10.311	10.317	-0.006	97	190238	20.0	15.6	
* 121 1,4-Dichlorobenzene-d4	152	10.372	10.371	0.001	94	292839	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.390	10.390	0.000	96	146204	20.0	18.9	
123 1,2,3-Trimethylbenzene	105	10.415	10.414	0.001	98	232102	20.0	16.1	
124 Benzyl chloride	91	10.518	10.517	0.001	99	114954	20.0	14.7	
125 2,3-Dihydroindene	117	10.573	10.572	0.001	94	230522	NC	NC	
126 p-Diethylbenzene	119	10.634	10.633	0.001	93	123039	NC	NC	
127 n-Butylbenzene	92	10.658	10.657	0.001	98	109260	20.0	16.0	
128 1,2-Dichlorobenzene	146	10.701	10.700	0.001	97	141619	20.0	19.3	
129 1,2,4,5-Tetramethylbenzene	119	11.260	11.260	0.000	97	172177	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.339	11.345	-0.006	96	15183	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	11.449	11.448	0.001	98	94124	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.930	11.929	0.001	94	86182	20.0	18.1	
133 Hexachlorobutadiene	225	12.009	12.008	0.001	97	34443	20.0	20.9	
134 Naphthalene	128	12.112	12.111	0.001	100	205784	20.0	16.7	
135 1,2,3-Trichlorobenzene	180	12.282	12.288	-0.006	96	83334	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	33.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	82.7	

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

524freon_00059	Amount Added:	20.00	Units: uL	
GASES Li_00500	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00161	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Nov-2022 09:50:32 Chrom Revision: 2.3 01-Nov-2022 22:37:18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D

Injection Date: 03-Nov-2022 09:28:30 Instrument ID: CVOAMS8 Operator ID:

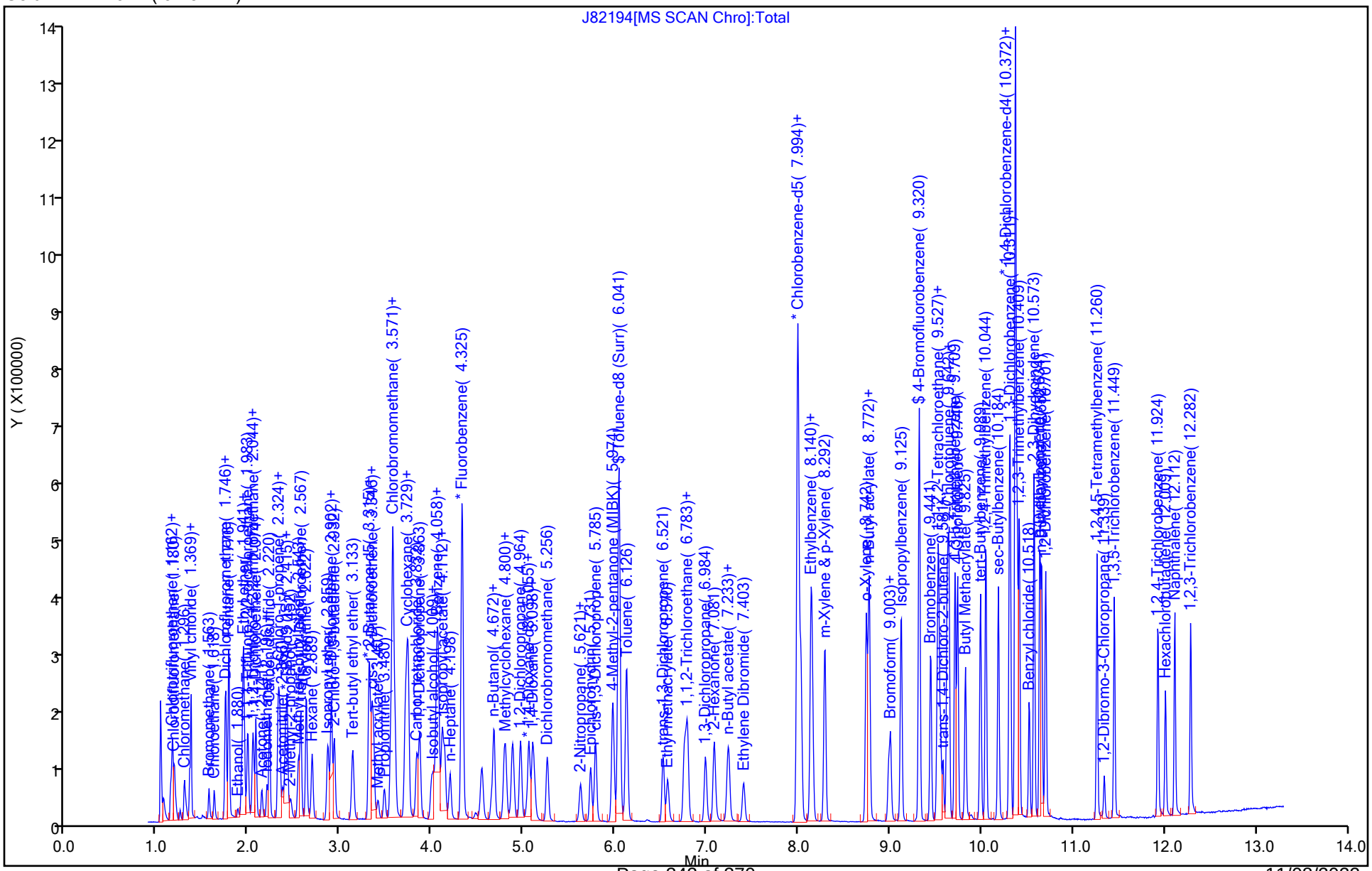
Lims ID: LCS Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA 624.1 ICAL

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82194.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 03-Nov-2022 09:28:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0152676-005
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 09:50:31 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 09:50:31

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	57.0	113.92
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.8	85.62
$ 83 Toluene-d8 (Surr)	50.0	48.7	97.39
$ 105 4-Bromofluorobenzene	50.0	58.0	115.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: RW-6 MS | Lab Sample ID: 460-268503-1 MS

Matrix: Water | Lab File ID: J82200.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 12:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	41.0		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	119		60-140
1868-53-7	Dibromofluoromethane (Surr)	116		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		60-140
2037-26-5	Toluene-d8 (Surr)	99		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D
Lims ID: 460-268503-B-1 MS
Client ID: RW-6
Sample Type: MS
Inject. Date: 03-Nov-2022 12:15:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1 MS
Misc. Info.: 460-0152676-011
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 12:58:00 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:58:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.142	1.143	-0.001	88	4836	NC	NC	
4 Dichlorodifluoromethane	85	1.167	1.167	0.000	99	62971	20.0	19.2	
5 Chlorodifluoromethane	67	1.185	1.185	0.000	99	10606	NC	NC	
6 Chloromethane	50	1.294	1.295	-0.001	100	60378	20.0	12.7	
7 Vinyl chloride	62	1.349	1.350	-0.001	99	47748	20.0	15.2	
8 Butadiene	54	1.367	1.368	-0.001	96	41644	20.0	13.8	
9 Bromomethane	94	1.562	1.563	-0.001	98	22449	20.0	19.4	
10 Chloroethane	64	1.623	1.617	0.006	99	25121	20.0	16.2	
12 Dichlorofluoromethane	67	1.738	1.739	-0.001	99	87080	NC	NC	
11 Trichlorofluoromethane	101	1.751	1.751	0.000	99	75469	20.0	22.6	
13 Pentane	43	1.781	1.782	-0.001	91	110548	40.0	28.3	
14 Ethanol	46	1.878	1.879	-0.001	98	2228	800.0	389.4	
15 Ethyl ether	59	1.921	1.915	0.006	96	29973	20.0	15.4	
16 2-Methyl-1,3-butadiene	53	1.939	1.934	0.005	96	39232	20.0	16.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.945	1.946	-0.001	95	40420	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.988	1.988	0.000	98	66001	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.043	2.043	0.000	98	49586	20.0	25.1	
19 Acrolein	56	2.049	2.049	0.000	93	6694	40.0	29.3	
21 1,1-Dichloroethene	96	2.073	2.074	-0.001	97	42548	20.0	21.5	
22 Acetone	43	2.140	2.141	-0.001	87	36971	100.0	86.7	
23 Iodomethane	142	2.195	2.195	0.000	98	32915	20.0	15.9	
25 Isopropyl alcohol	45	2.195	2.201	-0.006	44	8470	200.0	128.3	
24 Carbon disulfide	76	2.225	2.226	-0.001	99	158763	20.0	21.8	
26 3-Chloro-1-propene	76	2.316	2.317	-0.001	94	25233	20.0	18.2	
28 Methyl acetate	43	2.322	2.323	-0.001	99	38784	40.0	20.3	
27 Cyclopentene	67	2.335	2.335	0.000	96	92053	NC	NC	
29 Acetonitrile	41	2.371	2.366	0.005	97	27720	200.0	164.6	
* 30 TBA-d9 (IS)	65	2.401	2.402	-0.001	80	127026	1000.0	1000.0	
31 Methylene Chloride	84	2.420	2.420	0.000	90	50344	20.0	20.5	
32 2-Methyl-2-propanol	59	2.456	2.457	-0.001	98	16211	200.0	159.2	
33 Methyl tert-butyl ether	73	2.541	2.542	-0.001	96	93084	20.0	15.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.566	2.566	0.000	97	46686	20.0	20.8	
35 Acrylonitrile	53	2.627	2.627	0.000	93	116207	200.0	191.2	
36 Hexane	57	2.687	2.688	-0.001	91	40217	20.0	14.4	
37 Isopropyl ether	45	2.864	2.858	0.006	97	100265	20.0	10.8	
38 1,1-Dichloroethane	63	2.894	2.895	-0.001	100	89897	20.0	17.8	
39 Vinyl acetate	43	2.900	2.901	-0.001	100	125604	40.0	21.3	
40 2-Chloro-1,3-butadiene	88	2.931	2.931	0.000	92	37984	NC	NC	
41 Tert-butyl ethyl ether	59	3.132	3.132	0.000	89	94468	NC	NC	
* 43 2-Butanone-d5	46	3.314	3.315	-0.001	95	160860	250.0	250.0	
42 2,2-Dichloropropane	79	3.320	3.315	0.005	94	23415	20.0	18.0	
44 cis-1,2-Dichloroethene	96	3.344	3.345	-0.001	98	53579	20.0	21.7	
45 Ethyl acetate	70	3.363	3.363	0.000	95	7703	40.0	58.3	
46 2-Butanone (MEK)	72	3.363	3.363	0.000	96	17064	100.0	134.9	
47 Methyl acrylate	55	3.411	3.412	-0.001	99	24750	NC	NC	
48 Propionitrile	54	3.478	3.479	-0.001	97	44190	NC	NC	
50 Chlorobromomethane	128	3.545	3.546	-0.001	82	27359	20.0	25.0	
49 Tetrahydrofuran	72	3.557	3.552	0.005	53	7185	40.0	57.0	
51 Methacrylonitrile	67	3.570	3.570	0.000	90	149166	NC	NC	
52 Chloroform	83	3.594	3.594	0.000	99	94049	20.0	21.3	
53 Cyclohexane	84	3.709	3.710	-0.001	90	57115	20.0	20.8	
54 1,1,1-Trichloroethane	97	3.722	3.722	0.000	99	75079	20.0	21.5	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.740	0.000	96	112588	50.0	58.0	
56 Carbon tetrachloride	117	3.831	3.832	-0.001	99	67492	20.0	24.3	
57 1,1-Dichloropropene	75	3.868	3.862	0.006	96	61083	20.0	18.3	
58 Isobutyl alcohol	43	3.995	3.996	-0.001	97	29056	NC	NC	
59 Isooctane	57	4.020	4.014	0.006	97	66953	NC	NC	a
60 Benzene	78	4.050	4.051	-0.001	97	184696	20.0	15.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.068	4.069	-0.001	0	117096	50.0	43.9	
62 Isopropyl acetate	43	4.111	4.112	-0.001	91	71090	20.0	10.2	
63 Tert-amyl methyl ether	55	4.117	4.112	0.005	83	25588	NC	NC	
64 1,2-Dichloroethane	62	4.141	4.142	-0.001	98	67599	20.0	18.1	
65 n-Heptane	57	4.196	4.197	-0.001	91	14709	20.0	13.2	
* 66 Fluorobenzene	96	4.330	4.331	-0.001	99	446417	50.0	50.0	
67 n-Butanol	56	4.652	4.647	0.005	92	11560	500.0	481.1	
68 Trichloroethene	95	4.677	4.677	0.000	99	62064	20.0	25.0	
69 Methylcyclohexane	83	4.792	4.793	-0.001	91	63287	20.0	22.5	
70 Ethyl acrylate	55	4.804	4.805	-0.001	97	98250	20.0	16.4	
71 1,2-Dichloropropane	63	4.969	4.963	0.006	93	60984	20.0	20.6	
* 72 1,4-Dioxane-d8	96	5.036	5.036	0.000	0	27974	1000.0	1000.0	
73 Methyl methacrylate	100	5.060	5.055	0.006	88	18096	40.0	40.5	
75 1,4-Dioxane	88	5.109	5.097	0.012	30	4841	400.0	318.4	
74 Dibromomethane	93	5.096	5.097	-0.001	98	41668	20.0	25.6	
76 n-Propyl acetate	43	5.121	5.121	0.000	97	43342	20.0	11.6	
77 Dichlorobromomethane	83	5.261	5.255	0.006	99	78549	20.0	23.7	
78 2-Nitropropane	41	5.614	5.614	0.000	97	16885	NC	NC	
80 Epichlorohydrin	57	5.735	5.730	0.005	99	63739	400.0	493.2	
81 cis-1,3-Dichloropropene	75	5.784	5.785	-0.001	91	84340	20.0	14.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.972	5.973	-0.001	97	155340	100.0	101.8	
$ 83 Toluene-d8 (Surr)	98	6.039	6.040	-0.001	99	464806	50.0	49.5	
84 Toluene	91	6.125	6.125	0.000	93	234461	20.0	18.3	
85 trans-1,3-Dichloropropene	75	6.526	6.521	0.005	95	69751	20.0	13.6	
86 Ethyl methacrylate	69	6.575	6.575	0.000	88	42543	NC	NC	

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	6.757	6.758	-0.001	97	48453	20.0	18.0	
88 Tetrachloroethene	166	6.788	6.788	0.000	96	63459	20.0	23.8	
89 1,3-Dichloropropane	76	6.988	6.983	0.005	92	78269	20.0	15.7	
90 2-Hexanone	58	7.080	7.080	0.000	96	59200	100.0	118.8	
91 n-Butyl acetate	43	7.226	7.226	0.000	98	46347	20.0	7.85	
92 Chlorodibromomethane	129	7.244	7.238	0.006	98	63623	20.0	22.3	
93 Ethylene Dibromide	107	7.402	7.403	-0.001	98	56315	20.0	19.4	
* 94 Chlorobenzene-d5	117	7.992	7.993	-0.001	85	438814	50.0	50.0	
95 Chlorobenzene	112	8.029	8.029	0.000	96	167957	20.0	21.8	
96 Ethylbenzene	106	8.138	8.139	-0.001	98	74772	20.0	18.5	
97 1,1,1,2-Tetrachloroethane	131	8.150	8.151	-0.001	96	55745	20.0	21.2	
98 m-Xylene & p-Xylene	106	8.290	8.291	-0.001	0	119390	20.0	23.7	
99 o-Xylene	106	8.740	8.741	-0.001	94	87024	20.0	17.2	
100 n-Butyl acrylate	73	8.765	8.759	0.006	97	35521	20.0	13.9	
101 Styrene	104	8.777	8.778	-0.001	95	173951	20.0	20.1	
103 Bromoform	173	8.984	8.984	0.000	97	44714	20.0	25.1	
102 Amyl acetate (mixed isomers)	43	9.008	9.009	-0.001	91	64330	20.0	7.64	
104 Isopropylbenzene	105	9.124	9.124	0.000	96	225936	20.0	18.4	
$ 105 4-Bromofluorobenzene	174	9.318	9.319	-0.001	95	185218	50.0	59.5	
106 Bromobenzene	156	9.446	9.447	-0.001	95	78282	20.0	19.1	
107 1,1,2,2-Tetrachloroethane	83	9.519	9.514	0.005	98	79396	20.0	16.4	
108 N-Propylbenzene	91	9.531	9.532	-0.001	99	286488	20.0	14.9	
109 1,2,3-Trichloropropane	110	9.556	9.550	0.006	98	18640	20.0	17.5	
110 trans-1,4-Dichloro-2-butene	53	9.580	9.581	-0.001	93	18373	NC	NC	
111 2-Chlorotoluene	91	9.629	9.629	0.000	97	219604	20.0	16.0	
112 4-Ethyltoluene	105	9.647	9.641	0.006	98	255570	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.708	9.708	0.000	93	206909	20.0	16.2	
114 4-Chlorotoluene	91	9.738	9.739	-0.001	97	231143	20.0	17.4	
115 Butyl Methacrylate	87	9.823	9.824	-0.001	90	62418	20.0	12.5	
116 tert-Butylbenzene	119	9.988	9.988	0.000	92	154394	20.0	15.9	
117 1,2,4-Trimethylbenzene	105	10.048	10.049	-0.001	97	222308	20.0	16.4	
118 sec-Butylbenzene	105	10.188	10.183	0.005	99	234562	20.0	16.1	
120 1,3-Dichlorobenzene	146	10.304	10.305	-0.001	97	146985	20.0	20.0	
119 4-Isopropyltoluene	119	10.316	10.317	-0.001	97	195639	20.0	16.2	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	95	291589	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.390	-0.001	96	154912	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	10.413	10.414	-0.001	98	243537	20.0	17.0	
124 Benzyl chloride	91	10.523	10.517	0.006	99	118691	20.0	15.2	
125 2,3-Dihydroindene	117	10.578	10.572	0.006	94	244357	NC	NC	
126 p-Diethylbenzene	119	10.639	10.633	0.005	92	128643	NC	NC	
127 n-Butylbenzene	92	10.657	10.657	0.000	98	114873	20.0	16.9	
128 1,2-Dichlorobenzene	146	10.699	10.700	-0.001	97	150115	20.0	20.5	
129 1,2,4,5-Tetramethylbenzene	119	11.259	11.260	-0.001	97	172303	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.344	11.345	-0.001	95	15010	20.0	19.6	
131 1,3,5-Trichlorobenzene	180	11.454	11.448	0.006	97	97616	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.928	11.929	-0.001	94	85996	20.0	18.1	
133 Hexachlorobutadiene	225	12.007	12.008	-0.001	97	33937	20.0	20.7	
134 Naphthalene	128	12.111	12.111	0.000	99	189736	20.0	15.5	
135 1,2,3-Trichlorobenzene	180	12.287	12.288	-0.001	96	81153	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	41.0	
S 138 Total BTEX	1				0		100.0	92.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00500	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00161	Amount Added:	20.00	Units: uL	
524freon_00059	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

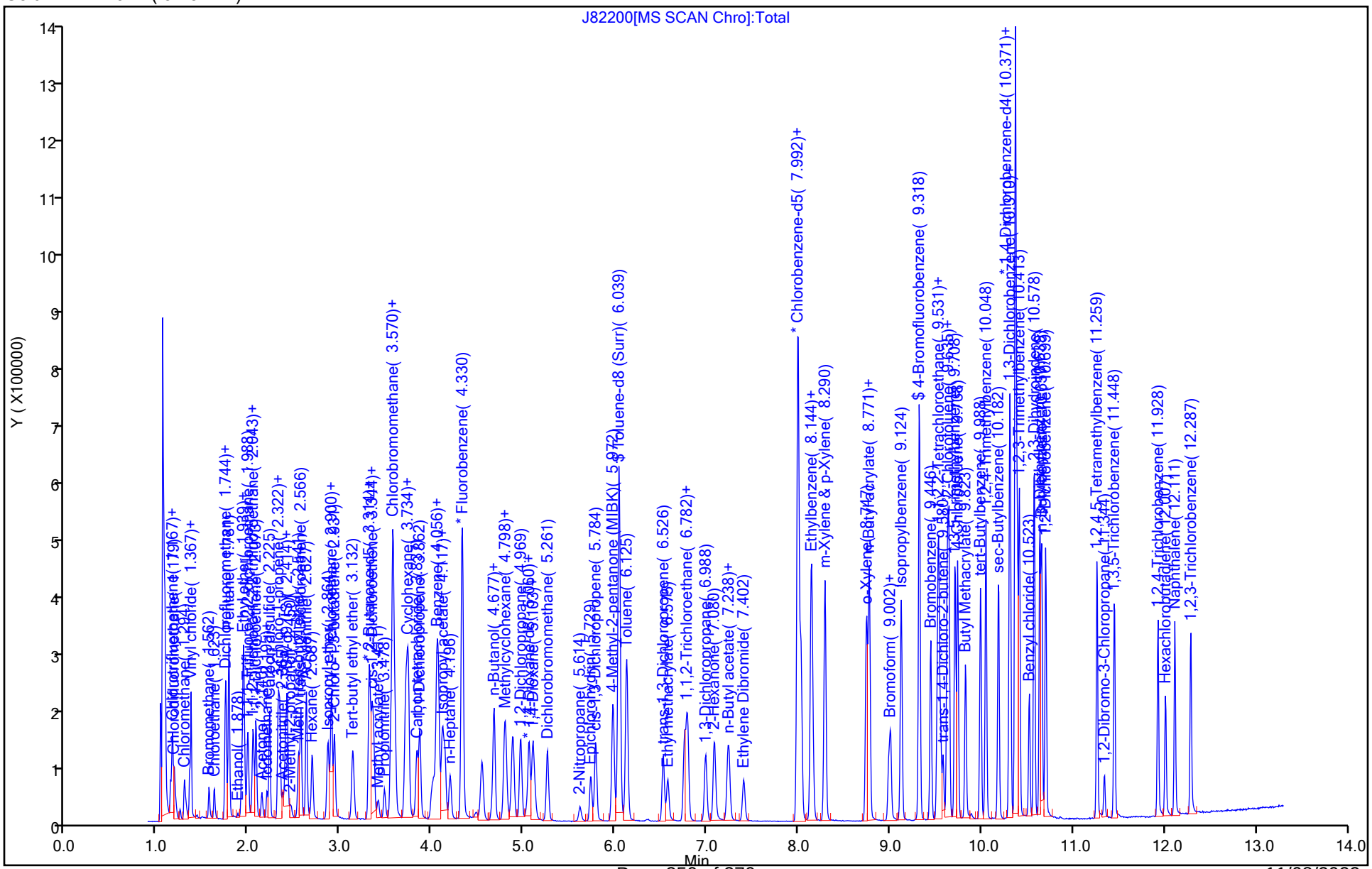
Report Date: 03-Nov-2022 12:58:01 Chrom Revision: 2.3 01-Nov-2022 22:37:18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D

Injection Date:	03-Nov-2022 12:15:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-1 MS			Worklist Smp#:	11
Client ID:	RW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82200.D
Lims ID: 460-268503-B-1 MS
Client ID: RW-6
Sample Type: MS
Inject. Date: 03-Nov-2022 12:15:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1 MS
Misc. Info.: 460-0152676-011
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 12:58:00 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:58:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	58.0	116.01
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	43.9	87.74
$ 83 Toluene-d8 (Surr)	50.0	49.5	99.03
$ 105 4-Bromofluorobenzene	50.0	59.5	118.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-268503-1

SDG No.:

Client Sample ID: RW-6 MSD | Lab Sample ID: 460-268503-1 MSD

Matrix: Water | Lab File ID: J82201.D

Analysis Method: 624.1 | Date Collected: 10/28/2022 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 11/03/2022 12:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 875754 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	41.6		2.0	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene	119		60-140
1868-53-7	Dibromofluoromethane (Surr)	113		60-140
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		60-140
2037-26-5	Toluene-d8 (Surr)	98		60-140

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D
Lims ID: 460-268503-B-1 MSD
Client ID: RW-6
Sample Type: MSD
Inject. Date: 03-Nov-2022 12:40:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1 MSD
Misc. Info.: 460-0152676-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 12:59:12 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:59:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.146	1.143	0.003	95	4611	NC	NC	
4 Dichlorodifluoromethane	85	1.164	1.167	-0.003	99	68128	20.0	19.4	
5 Chlorodifluoromethane	67	1.188	1.185	0.003	99	11392	NC	NC	
6 Chloromethane	50	1.292	1.295	-0.003	99	66287	20.0	13.0	
7 Vinyl chloride	62	1.353	1.350	0.003	99	53689	20.0	15.9	
8 Butadiene	54	1.365	1.368	-0.003	97	44811	20.0	13.8	
9 Bromomethane	94	1.566	1.563	0.003	96	22713	20.0	18.3	
10 Chloroethane	64	1.620	1.617	0.003	99	25686	20.0	15.4	
12 Dichlorofluoromethane	67	1.742	1.739	0.003	99	93511	NC	NC	
11 Trichlorofluoromethane	101	1.748	1.751	-0.003	99	78803	20.0	21.9	
13 Pentane	43	1.779	1.782	-0.003	95	126266	40.0	30.1	
14 Ethanol	46	1.876	1.879	-0.003	97	7148	800.0	1127.9	
15 Ethyl ether	59	1.919	1.915	0.003	97	30787	20.0	14.8	
16 2-Methyl-1,3-butadiene	53	1.937	1.934	0.003	97	40651	20.0	15.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.949	1.946	0.003	96	38170	NC	NC	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.985	1.988	-0.003	97	68079	NC	NC	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.040	2.043	-0.003	98	51389	20.0	24.2	
19 Acrolein	56	2.046	2.049	-0.003	93	6956	40.0	27.5	
21 1,1-Dichloroethene	96	2.077	2.074	0.003	99	45814	20.0	21.5	
22 Acetone	43	2.138	2.141	-0.003	86	43821	100.0	94.0	
23 Iodomethane	142	2.198	2.195	0.003	99	36878	20.0	16.6	
25 Isopropyl alcohol	45	2.198	2.201	-0.003	63	19858	200.0	271.6	
24 Carbon disulfide	76	2.223	2.226	-0.003	99	171693	20.0	22.0	
26 3-Chloro-1-propene	76	2.320	2.317	0.003	95	28824	20.0	19.3	
28 Methyl acetate	43	2.326	2.323	0.003	99	45412	40.0	22.1	
27 Cyclopentene	67	2.338	2.335	0.003	96	100117	NC	NC	
29 Acetonitrile	41	2.369	2.366	0.003	99	39762	200.0	213.2	
* 30 TBA-d9 (IS)	65	2.399	2.402	-0.003	78	140710	1000.0	1000.0	
31 Methylene Chloride	84	2.417	2.420	-0.003	93	51664	20.0	19.6	
32 2-Methyl-2-propanol	59	2.454	2.457	-0.003	98	28850	200.0	255.7	
33 Methyl tert-butyl ether	73	2.545	2.542	0.003	97	100376	20.0	15.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.569	2.566	0.003	96	51430	20.0	21.3	
35 Acrylonitrile	53	2.624	2.627	-0.003	94	128053	200.0	190.2	
36 Hexane	57	2.691	2.688	0.003	91	44187	20.0	14.7	
37 Isopropyl ether	45	2.861	2.858	0.003	97	111016	20.0	11.1	
38 1,1-Dichloroethane	63	2.898	2.895	0.003	100	95690	20.0	17.7	
39 Vinyl acetate	43	2.904	2.901	0.003	100	143068	40.0	22.6	
40 2-Chloro-1,3-butadiene	88	2.934	2.931	0.003	92	40654	NC	NC	
41 Tert-butyl ethyl ether	59	3.135	3.132	0.003	88	107540	NC	NC	
* 43 2-Butanone-d5	46	3.312	3.315	-0.003	98	175894	250.0	250.0	
42 2,2-Dichloropropane	79	3.318	3.315	0.003	93	25760	20.0	18.5	
44 cis-1,2-Dichloroethene	96	3.342	3.345	-0.003	99	56103	20.0	21.2	
45 Ethyl acetate	70	3.360	3.363	-0.003	94	8691	40.0	60.2	
46 2-Butanone (MEK)	72	3.360	3.363	-0.003	96	18792	100.0	135.9	
47 Methyl acrylate	55	3.409	3.412	-0.003	99	26987	NC	NC	
48 Propionitrile	54	3.482	3.479	0.003	97	51204	NC	NC	
50 Chlorobromomethane	128	3.549	3.546	0.003	80	28116	20.0	24.0	
49 Tetrahydrofuran	72	3.555	3.552	0.003	51	8842	40.0	64.1	
51 Methacrylonitrile	67	3.573	3.570	0.003	90	155371	NC	NC	
52 Chloroform	83	3.598	3.594	0.004	98	97125	20.0	20.5	
53 Cyclohexane	84	3.713	3.710	0.003	92	60793	20.0	20.7	
54 1,1,1-Trichloroethane	97	3.725	3.722	0.003	99	78068	20.0	20.9	
$ 55 Dibromofluoromethane (Surr)	113	3.737	3.740	-0.003	96	117808	50.0	56.5	
56 Carbon tetrachloride	117	3.835	3.832	0.003	98	69220	20.0	23.3	
57 1,1-Dichloropropene	75	3.865	3.862	0.003	97	65880	20.0	18.4	
58 Isobutyl alcohol	43	3.993	3.996	-0.003	96	44601	NC	NC	
59 Isooctane	57	4.017	4.014	0.003	97	77942	NC	NC	a
60 Benzene	78	4.048	4.051	-0.003	96	195259	20.0	15.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.066	4.069	-0.003	0	122469	50.0	42.8	
62 Isopropyl acetate	43	4.109	4.112	-0.003	94	78692	20.0	10.5	
63 Tert-amyl methyl ether	55	4.115	4.112	0.003	90	27814	NC	NC	
64 1,2-Dichloroethane	62	4.139	4.142	-0.003	98	67361	20.0	16.8	
65 n-Heptane	57	4.200	4.197	0.003	91	17335	20.0	14.5	
* 66 Fluorobenzene	96	4.328	4.331	-0.003	99	479127	50.0	50.0	
67 n-Butanol	56	4.650	4.647	0.003	92	27107	500.0	1018.5	
68 Trichloroethene	95	4.674	4.677	-0.003	99	66161	20.0	24.8	
69 Methylcyclohexane	83	4.796	4.793	0.003	91	71142	20.0	23.5	
70 Ethyl acrylate	55	4.802	4.805	-0.003	97	107995	20.0	16.8	
71 1,2-Dichloropropane	63	4.966	4.963	0.003	92	64537	20.0	20.3	
* 72 1,4-Dioxane-d8	96	5.039	5.036	0.003	0	30815	1000.0	1000.0	
73 Methyl methacrylate	100	5.058	5.055	0.004	85	20477	40.0	42.7	
75 1,4-Dioxane	88	5.094	5.097	-0.003	43	12735	400.0	760.5	
74 Dibromomethane	93	5.094	5.097	-0.003	97	43583	20.0	24.9	
76 n-Propyl acetate	43	5.118	5.121	-0.003	97	50461	20.0	12.6	
77 Dichlorobromomethane	83	5.258	5.255	0.003	99	82253	20.0	23.1	
78 2-Nitropropane	41	5.611	5.614	-0.003	99	17714	NC	NC	
80 Epichlorohydrin	57	5.733	5.730	0.003	99	72721	400.0	514.6	
81 cis-1,3-Dichloropropene	75	5.782	5.785	-0.003	91	90744	20.0	15.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.976	5.973	0.003	97	173223	100.0	103.8	
$ 83 Toluene-d8 (Surr)	98	6.043	6.040	0.003	99	477493	50.0	49.1	
84 Toluene	91	6.122	6.125	-0.003	93	245386	20.0	18.5	
85 trans-1,3-Dichloropropene	75	6.524	6.521	0.003	96	74790	20.0	14.1	
86 Ethyl methacrylate	69	6.572	6.575	-0.003	87	46604	NC	NC	

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	6.761	6.758	0.003	97	50893	20.0	18.2	
88 Tetrachloroethene	166	6.791	6.788	0.003	97	65850	20.0	23.8	
89 1,3-Dichloropropane	76	6.986	6.983	0.003	92	83451	20.0	16.1	
90 2-Hexanone	58	7.083	7.080	0.003	96	65305	100.0	119.9	
91 n-Butyl acetate	43	7.223	7.226	-0.003	99	50873	20.0	8.32	
92 Chlorodibromomethane	129	7.242	7.238	0.004	98	66252	20.0	22.4	
93 Ethylene Dibromide	107	7.400	7.403	-0.003	99	59529	20.0	19.8	
* 94 Chlorobenzene-d5	117	7.996	7.993	0.003	85	454847	50.0	50.0	
95 Chlorobenzene	112	8.032	8.029	0.003	96	175083	20.0	21.9	
96 Ethylbenzene	106	8.136	8.139	-0.003	98	76563	20.0	18.3	
97 1,1,1,2-Tetrachloroethane	131	8.154	8.151	0.003	97	58697	20.0	21.6	
98 m-Xylene & p-Xylene	106	8.294	8.291	0.003	0	125353	20.0	24.1	
99 o-Xylene	106	8.744	8.741	0.003	94	91871	20.0	17.5	
100 n-Butyl acrylate	73	8.762	8.759	0.003	98	37302	20.0	14.1	
101 Styrene	104	8.775	8.778	-0.003	96	181994	20.0	20.3	
103 Bromoform	173	8.988	8.984	0.004	97	45051	20.0	24.4	
102 Amyl acetate (mixed isomers)	43	9.006	9.009	-0.003	92	67144	20.0	7.75	
104 Isopropylbenzene	105	9.121	9.124	-0.003	96	239786	20.0	18.8	
$ 105 4-Bromofluorobenzene	174	9.322	9.319	0.003	95	191643	50.0	59.3	
106 Bromobenzene	156	9.444	9.447	-0.003	96	81260	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.517	9.514	0.003	99	83452	20.0	16.7	
108 N-Propylbenzene	91	9.529	9.532	-0.003	99	303204	20.0	15.3	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	98	18537	20.0	16.9	
110 trans-1,4-Dichloro-2-butene	53	9.578	9.581	-0.003	90	18165	NC	NC	
111 2-Chlorotoluene	91	9.626	9.629	-0.003	97	230353	20.0	16.3	
112 4-Ethyltoluene	105	9.645	9.641	0.004	98	266874	NC	NC	
113 1,3,5-Trimethylbenzene	105	9.711	9.708	0.003	92	217444	20.0	16.5	
114 4-Chlorotoluene	91	9.742	9.739	0.003	97	238721	20.0	17.5	
115 Butyl Methacrylate	87	9.827	9.824	0.003	90	65656	20.0	12.8	
116 tert-Butylbenzene	119	9.991	9.988	0.003	93	159181	20.0	16.0	
117 1,2,4-Trimethylbenzene	105	10.046	10.049	-0.003	97	235664	20.0	16.9	
118 sec-Butylbenzene	105	10.186	10.183	0.003	99	246441	20.0	16.4	
120 1,3-Dichlorobenzene	146	10.308	10.305	0.003	97	149768	20.0	19.8	
119 4-Isopropyltoluene	119	10.314	10.317	-0.003	97	206128	20.0	16.5	
* 121 1,4-Dichlorobenzene-d4	152	10.368	10.371	-0.003	95	300191	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.393	10.390	0.003	96	159814	20.0	20.2	
123 1,2,3-Trimethylbenzene	105	10.411	10.414	-0.003	99	252624	20.0	17.1	
124 Benzyl chloride	91	10.521	10.517	0.004	99	122443	20.0	15.2	
125 2,3-Dihydroindene	117	10.575	10.572	0.003	94	250538	NC	NC	
126 p-Diethylbenzene	119	10.636	10.633	0.003	92	131858	NC	NC	
127 n-Butylbenzene	92	10.654	10.657	-0.003	97	119239	20.0	17.0	
128 1,2-Dichlorobenzene	146	10.703	10.700	0.003	97	151746	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	11.263	11.260	0.003	97	187629	NC	NC	
130 1,2-Dibromo-3-Chloropropane	157	11.342	11.345	-0.003	96	15706	20.0	20.0	
131 1,3,5-Trichlorobenzene	180	11.451	11.448	0.003	98	102758	NC	NC	
132 1,2,4-Trichlorobenzene	180	11.926	11.929	-0.003	94	90688	20.0	18.5	
133 Hexachlorobutadiene	225	12.011	12.008	0.003	97	36625	20.0	21.7	
134 Naphthalene	128	12.114	12.111	0.003	100	214886	20.0	17.0	
135 1,2,3-Trichlorobenzene	180	12.285	12.288	-0.003	95	90973	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	41.6	
S 138 Total BTEX	1				0		100.0	93.8	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00500	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00161	Amount Added:	20.00	Units: uL	
524freon_00059	Amount Added:	20.00	Units: uL	
ACROLEIN W_00145	Amount Added:	4.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00233	Amount Added:	1.00	Units: uL	Run Reagent

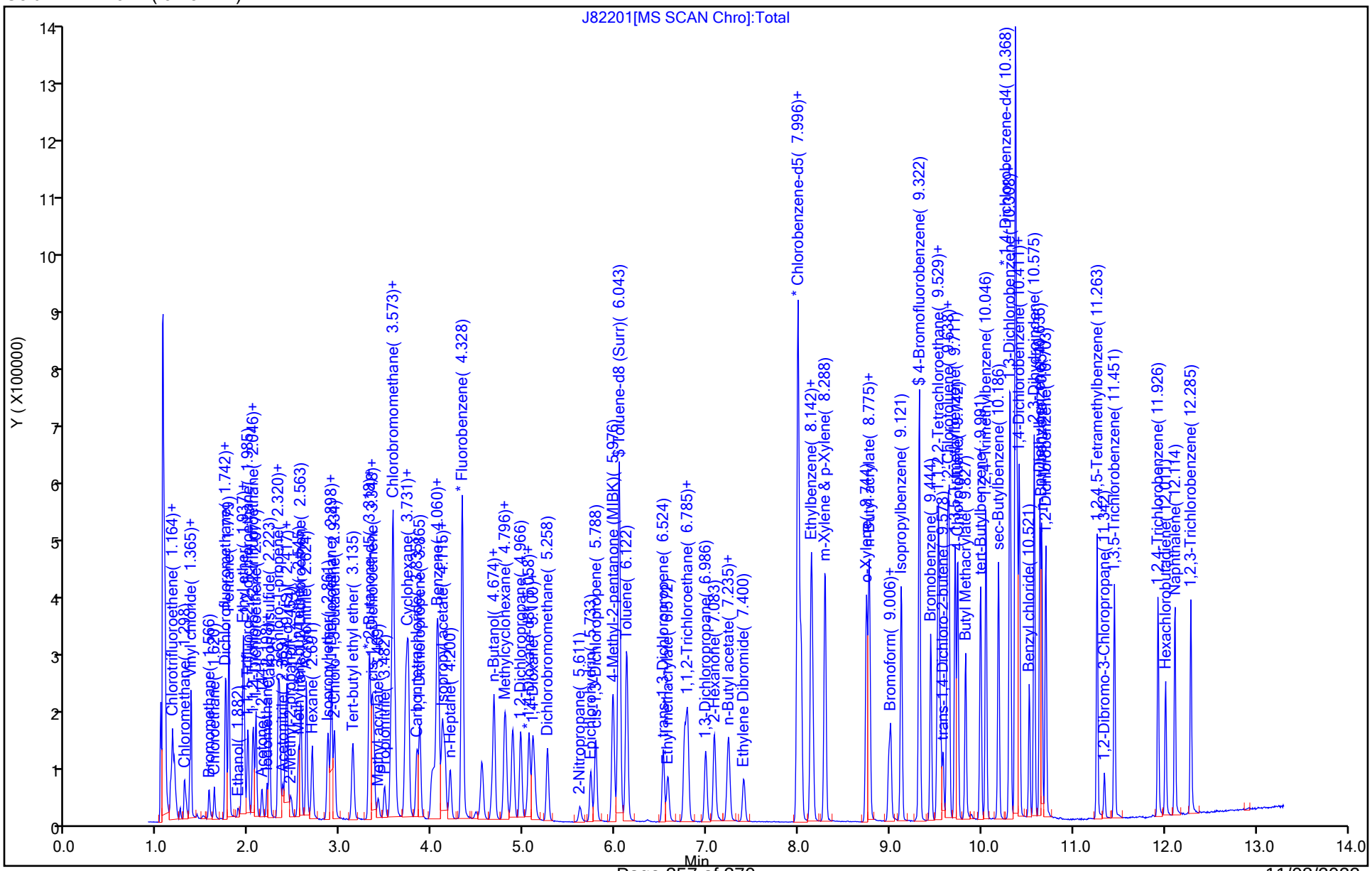
Report Date: 03-Nov-2022 12:59:13 Chrom Revision: 2.3 01-Nov-2022 22:37:18

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D

Injection Date:	03-Nov-2022 12:40:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	460-268503-B-1 MSD			Worklist Smp#:	12
Client ID:	RW-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260_W8	Limit Group:	VOA 624.1 ICAL		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\J82201.D
Lims ID: 460-268503-B-1 MSD
Client ID: RW-6
Sample Type: MSD
Inject. Date: 03-Nov-2022 12:40:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-268503-B-1 MSD
Misc. Info.: 460-0152676-012
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20221103-152676.b\8260_W8.m
Limit Group: VOA 624.1 ICAL
Last Update: 03-Nov-2022 12:59:12 Calib Date: 13-Oct-2022 02:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20221012-151655.b\J81268.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: KG2Q Date: 03-Nov-2022 12:59:12

Compound	Amount Added	Amount Recovered	% Rec.
$ 55 Dibromofluoromethane (Surr)	50.0	56.5	113.10
$ 61 1,2-Dichloroethane-d4 (Surr)	50.0	42.8	85.50
$ 83 Toluene-d8 (Surr)	50.0	49.1	98.14
$ 105 4-Bromofluorobenzene	50.0	59.3	118.70

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 10/12/2022 22:40

Analysis Batch Number: 871602 End Date: 10/13/2022 04:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-871602/1		10/12/2022 22:40	1	J81260.D	Rtx-624 0.25(mm)
STD7 460-871602/3 IC		10/12/2022 23:30	1	J81262.D	Rtx-624 0.25(mm)
STD1 460-871602/4 IC		10/12/2022 23:56	1	J81263.D	Rtx-624 0.25(mm)
STD5 460-871602/5 IC		10/13/2022 00:21	1	J81264.D	Rtx-624 0.25(mm)
STD20 460-871602/6 ICIS		10/13/2022 00:46	1	J81265.D	Rtx-624 0.25(mm)
STD50 460-871602/7 IC		10/13/2022 01:11	1	J81266.D	Rtx-624 0.25(mm)
STD200 460-871602/8 IC		10/13/2022 01:36	1	J81267.D	Rtx-624 0.25(mm)
STD500 460-871602/9 IC		10/13/2022 02:01	1	J81268.D	Rtx-624 0.25(mm)
ICV 460-871602/16		10/13/2022 04:56	1	J81275.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 11/03/2022 07:37

Analysis Batch Number: 875754 End Date: 11/03/2022 19:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-875754/1		11/03/2022 07:37	1	J82190.D	Rtx-624 0.25(mm)
CCVIS 460-875754/3		11/03/2022 08:29	1	J82192.D	Rtx-624 0.25(mm)
LCS 460-875754/5		11/03/2022 09:28	1	J82194.D	Rtx-624 0.25(mm)
MB 460-875754/8		11/03/2022 10:53	1	J82197.D	Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 11:25	1		Rtx-624 0.25(mm)
460-268503-1	RW-6	11/03/2022 11:50	1	J82199.D	Rtx-624 0.25(mm)
460-268503-1 MS	RW-6 MS	11/03/2022 12:15	1	J82200.D	Rtx-624 0.25(mm)
460-268503-1 MSD	RW-6 MSD	11/03/2022 12:40	1	J82201.D	Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 13:30	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 13:55	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 14:20	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 14:45	1		Rtx-624 0.25(mm)
460-268503-7	FB_(20221028)	11/03/2022 15:10	1	J82207.D	Rtx-624 0.25(mm)
460-268503-8	TB_(20221028)	11/03/2022 15:35	1	J82208.D	Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 16:00	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 16:25	1		Rtx-624 0.25(mm)
460-268503-4	MW-9	11/03/2022 16:50	1	J82211.D	Rtx-624 0.25(mm)
460-268503-5	PZ-21	11/03/2022 17:15	1	J82212.D	Rtx-624 0.25(mm)
460-268503-2	RW-7	11/03/2022 17:40	1	J82213.D	Rtx-624 0.25(mm)
460-268503-3	MW-2A	11/03/2022 18:05	1	J82214.D	Rtx-624 0.25(mm)
460-268503-6	BD_(10282022)	11/03/2022 18:30	1	J82215.D	Rtx-624 0.25(mm)
ZZZZZ		11/03/2022 19:20	50		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, Kenneth

Batch Method: 624.1 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00146	524freon 00058	8260 SP 00159	8260ISNEW 00171
BFB 460-871602/1		624.1		5 mL	5 mL				
STD7 460-871602/3 IC		624.1		5 mL	5 mL				1 uL
STD1 460-871602/4 IC		624.1		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-871602/5 IC		624.1		5 mL	5 mL		10 uL		1 uL
STD20 460-871602/6 ICIS		624.1		5 mL	5 mL		20 uL		1 uL
STD50 460-871602/7 IC		624.1		5 mL	5 mL		50 uL		1 uL
STD200 460-871602/8 IC		624.1		5 mL	5 mL				1 uL
STD500 460-871602/9 IC		624.1		5 mL	5 mL				1 uL
ICV 460-871602/16		624.1		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00160	8260SURR250 00232	8FreonHi 00049	8FreonsSS 00050	ACROLEIN SP 00142	ACROLEIN W 00145
BFB 460-871602/1		624.1							
STD7 460-871602/3 IC		624.1			1 uL				
STD1 460-871602/4 IC		624.1		10 uL	1 uL				4 uL
STD5 460-871602/5 IC		624.1		10 uL	1 uL				4 uL
STD20 460-871602/6 ICIS		624.1		20 uL	1 uL				4 uL
STD50 460-871602/7 IC		624.1		50 uL	1 uL				10 uL
STD200 460-871602/8 IC		624.1			1 uL	20 uL			20 uL
STD500 460-871602/9 IC		624.1			1 uL	50 uL			40 uL
ICV 460-871602/16		624.1			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, Kenneth

Batch Method: 624.1 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00105	BFB 00032	Ethanol mix 00069	GAS C SP 00483	GAS Hi 00426	GASES Li 00497
BFB 460-871602/1		624.1			1 uL				
STD7 460-871602/3 IC		624.1		20 uL					2.5 uL
STD1 460-871602/4 IC		624.1							10 uL
STD5 460-871602/5 IC		624.1							10 uL
STD20 460-871602/6 ICIS		624.1							20 uL
STD50 460-871602/7 IC		624.1							50 uL
STD200 460-871602/8 IC		624.1				20 uL		20 uL	
STD500 460-871602/9 IC		624.1				50 uL		50 uL	
ICV 460-871602/16		624.1					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00128	MIX I Hi 00155				
BFB 460-871602/1		624.1							
STD7 460-871602/3 IC		624.1							
STD1 460-871602/4 IC		624.1							
STD5 460-871602/5 IC		624.1							
STD20 460-871602/6 ICIS		624.1							
STD50 460-871602/7 IC		624.1							
STD200 460-871602/8 IC		624.1		20 uL	20 uL				
STD500 460-871602/9 IC		624.1		50 uL	50 uL				
ICV 460-871602/16		624.1							

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.: 460-268503-1

SDG No.:

Batch Number: 871602 Batch Start Date: 10/12/22 22:40 Batch Analyst: Boykin, Kenneth

Batch Method: 624.1 Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Batch Number: 875754 Batch Start Date: 11/03/22 07:37 Batch Analyst: Moroney, Christopher J

Batch Method: 624.1 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00059	8260ISNEW 00171	8260MIX1COMB 00161
BFB 460-875754/1		624.1		5 mL	5 mL				
CCVIS 460-875754/3		624.1		5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-875754/5		624.1		5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-875754/8		624.1		5 mL	5 mL			1 uL	
460-268503-B-1	RW-6	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-1 MS	RW-6	624.1	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-268503-B-1 MSD	RW-6	624.1	T	5 mL	5 mL	<2 PH Units	20 uL	1 uL	20 uL
460-268503-B-7	FB_(20221028)	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-8	TB_(20221028)	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-4	MW-9	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-5	PZ-21	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-2	RW-7	624.1	T	5 mL	5 mL	7 PH Units		1 uL	
460-268503-B-3	MW-2A	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	
460-268503-B-6	BD_(10282022)	624.1	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00233	ACROLEIN W 00145	BFB 00032	GASES Li 00500		
BFB 460-875754/1		624.1				1 uL			
CCVIS 460-875754/3		624.1		1 uL	4 uL		20 uL		
LCS 460-875754/5		624.1		1 uL	4 uL		20 uL		
MB 460-875754/8		624.1		1 uL					
460-268503-B-1	RW-6	624.1	T	1 uL					
460-268503-B-1 MS	RW-6	624.1	T	1 uL	4 uL		20 uL		
460-268503-B-1 MSD	RW-6	624.1	T	1 uL	4 uL		20 uL		
460-268503-B-7	FB_(20221028)	624.1	T	1 uL					
460-268503-B-8	TB_(20221028)	624.1	T	1 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-268503-1

SDG No.:

Batch Number: 875754 Batch Start Date: 11/03/22 07:37 Batch Analyst: Moroney, Christopher J

Batch Method: 624.1 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260SURR250 00233	ACROLEIN W 00145	BFB 00032	GASES Li 00500		
460-268503-B-4	MW-9	624.1	T	1 uL					
460-268503-B-5	PZ-21	624.1	T	1 uL					
460-268503-B-2	RW-7	624.1	T	1 uL					
460-268503-B-3	MW-2A	624.1	T	1 uL					
460-268503-B-6	BD_(10282022)	624.1	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica, Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

268503

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Rebecca Hensel	Site Contact: Janelle van Lieshout	Date: 10/28/2022	COC No:
Your Company : Arcadis U.S., Inc.	Tel/Fax: 315.671.9156	Lab Contact: Kristyn Tempe	Carrier:	1 of 1 COCs
Address : 110 W. Fayette St.	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
City/State/Zip : Syracuse, NY	TAT if different from Below _____			For Lab Use Only:
(315) 671-9296 Phone	☑ 2 weeks			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 1 week			Lab Sampling:
Project Name: SMC Maestri Site	☐ 2 days			Job / SDG No.:
Site: Geddes, NY 13209	☐ 1 day			
P O # 30120984				

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Volatile Organics - Xylenes (Method 624.1)	Sample Specific Notes:
1	RW-6	10/28/22	13:40	G	Water	3	N	N	X	
2	RW-7	10/28/22	12:10	G	Water	3	N	N	X	
3	MW-2A	10/28/22	11:15	G	Water	3	N	N	X	
4	MW-9	10/28/22	13:00	G	Water	3	N	N	X	
	~~PZ-20~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
5	PZ-21	10/28/22	15:30	G	Water	3	N	N	X	
6	~~BD_(20221028)~~ (BD_(10282022)	10/28/22		G	Water	3	N	N	X	
	~~FB_(20221028)~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
7	FB_(20221028)	10/28/22		G	Water	3	N	N	X	
	~~TB_(20221028)~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
8	TB_(20221028)	10/28/22		G	Water	3	N	N	X	
1	MS / MSD	10/28/22	13:40	G	Water	6	N	Y	X	

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Syracuse #225

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ 1/2

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 ☐ Flam ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ ☐ | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 2.5 Corr'd: 2.5 | Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by: Matt Salerno	Arcadis	10/28/22 1640	Received by: R. English	Spa	10.28.22, 16:40
Relinquished by: R. English	Spa	10.28.22, 19:00	Received by:	FedEx	Date/Time: 10/29/22 1220
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.21, dated 4/4/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 268503

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	25 °C	25 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: JA Date: 10/29/22

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-268503-1

Login Number: 268503
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 460-268503-1

Login Number: 268503
List Number: 2
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	

Appendix E

Data Validation Reports

SMC Maestri Site

Data Usability Summary Report

Geddes, New York

Volatile Organic Compound (VOC) Analyses

SDG # 460-268503-1

Analyses Performed By:
Eurofins TestAmerica
Edison, New Jersey

Report #47545R
Review Level: Tier III
Project: 30120984.04

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) #460-268503-1 for samples collected in association with the SMC Maestri site located in Geddes, NY. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

SDG Number	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
						VOC	SVOC	PCB	MET	MISC
460-268503-1	RW-6	460-268503-1	Water	10/28/2022		X				
	RW-7	460-268503-2	Water	10/28/2022		X				
	MW-2A	460-268503-3	Water	10/28/2022		X				
	MW-9	460-268503-4	Water	10/28/2022		X				
	PZ-21	460-268503-5	Water	10/28/2022		X				
	BD_(10282022)	460-268503-6	Water	10/28/2022	MW-2A	X				
	FB_(20221028)	460-268503-7	Water	10/28/2022		X				
	TB_(20221028)	460-268503-8	Water	10/28/2022		X				

Note:

1. The matrix spike/matrix spike duplicate (MS/MSD) analysis was performed on sample location RW-6.

Analytical Data Package Documentation

The table below evaluates the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed chain-of-custody form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data package completeness and compliance		X		X	

Note:
QA Quality assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) Method 624.1 (Xylene, Total only). Data were reviewed in accordance with the USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate and USEPA Region II validation guidelines *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B* (SOP #HW-24, October 2006).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound is considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second

fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
EPA 624.1	Water	14 days from collection to analysis (preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:
s.u. Standard units

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 24-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (35%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) within the EPA Method 624 Table 5 limits.

All compounds associated with the initial and continuing calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID/ Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-2A / BD_(10282022)	Xylene, Total	120	110	8.7%

Notes:

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for VOCs

VOCs: EPA 624.1	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
C. Trip blanks		X		X	
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate (LCSD)	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate (MSD)		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike %R		X		X	
Dilution Factor		X		X	
Moisture Content					X
Tier III Validation					
System performance and column resolution		X		X	
Initial calibration %RSDs		X		X	
Continuing calibration RRFs		X		X	
Continuing calibration %Ds		X		X	
Instrument tune and performance check		X		X	

VOCs: EPA 624.1	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation
%R Percent recovery
RPD Relative percent difference
%D Percent difference

Sample Compliance Report

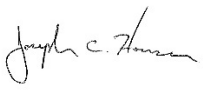
SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliancy[1]				Noncompliance
					VOC	SVOC	PFAS	MISC	
460-268503-1	10/28/2022	EPA 624.1	RW-6	Water	Yes	--	--	--	
	10/28/2022		RW-7	Water	Yes	--	--	--	
	10/28/2022		MW-2A	Water	Yes	--	--	--	
	10/28/2022		MW-9	Water	Yes	--	--	--	
	10/28/2022		PZ-21	Water	Yes	--	--	--	
	10/28/2022		BD_(10282022)	Water	Yes	--	--	--	
	10/28/2022		FB_(20221028)	Water	Yes	--	--	--	
	10/28/2022		TB_(20221028)	Water	Yes	--	--	--	

Note:

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

VALIDATION PERFORMED BY: Joseph C. Houser

SIGNATURE: 

DATE: November 9, 2022

PEER REVIEW: Andrew Korycinski

DATE: November 9, 2022

Chain of Custody Corrected Sample Analysis Data Sheets

Client Sample ID: RW-6
Lab Sample ID: 460-268503-1
Date Collected: 10/28/22 13:40
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	4.9		2.0	0.65	ug/L			11/03/22 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*116*		*60 - 140*		*11/03/22 11:50*	*1*
Dibromofluoromethane (Surr)	*131*		*60 - 140*		*11/03/22 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 140*		*11/03/22 11:50*	*1*
Toluene-d8 (Surr)	*86*		*60 - 140*		*11/03/22 11:50*	*1*

Client Sample ID: RW-7
Lab Sample ID: 460-268503-2
Date Collected: 10/28/22 12:10
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	14		2.0	0.65	ug/L			11/03/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*60 - 140*		*11/03/22 17:40*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*11/03/22 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*60 - 140*		*11/03/22 17:40*	*1*
Toluene-d8 (Surr)	*94*		*60 - 140*		*11/03/22 17:40*	*1*

Client Sample ID: MW-2A
Lab Sample ID: 460-268503-3
Date Collected: 10/28/22 11:15
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	120		2.0	0.65	ug/L			11/03/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*60 - 140*		*11/03/22 18:05*	*1*
Dibromofluoromethane (Surr)	*118*		*60 - 140*		*11/03/22 18:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*		*11/03/22 18:05*	*1*
Toluene-d8 (Surr)	*98*		*60 - 140*		*11/03/22 18:05*	*1*

Client Sample ID: MW-9
Lab Sample ID: 460-268503-4
Date Collected: 10/28/22 13:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*60 - 140*		*11/03/22 16:50*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*		*11/03/22 16:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*60 - 140*		*11/03/22 16:50*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*11/03/22 16:50*	*1*

Client Sample ID: PZ-21
Lab Sample ID: 460-268503-5
Date Collected: 10/28/22 15:30
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*60 - 140*		*11/03/22 17:15*	*1*
Dibromofluoromethane (Surr)	*114*		*60 - 140*		*11/03/22 17:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*60 - 140*		*11/03/22 17:15*	*1*
Toluene-d8 (Surr)	*96*		*60 - 140*		*11/03/22 17:15*	*1*

Client Sample ID: BD_(10282022)
Lab Sample ID: 460-268503-6
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**110**		2.0	0.65	ug/L			11/03/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*115*		*60 - 140*		*11/03/22 18:30*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*		*11/03/22 18:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*60 - 140*		*11/03/22 18:30*	*1*
Toluene-d8 (Surr)	*90*		*60 - 140*		*11/03/22 18:30*	*1*

Client Sample ID: FB_(20221028)
Lab Sample ID: 460-268503-7
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*60 - 140*		*11/03/22 15:10*	*1*
Dibromofluoromethane (Surr)	*125*		*60 - 140*		*11/03/22 15:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 140*		*11/03/22 15:10*	*1*
Toluene-d8 (Surr)	*88*		*60 - 140*		*11/03/22 15:10*	*1*

Client Sample ID: TB_(20221028)
Lab Sample ID: 460-268503-8
Date Collected: 10/28/22 00:00
Matrix: Water
Date Received: 10/29/22 12:20

Method: 40CFR136A 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.65	ug/L			11/03/22 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*60 - 140*		*11/03/22 15:35*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*		*11/03/22 15:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*60 - 140*		*11/03/22 15:35*	*1*
Toluene-d8 (Surr)	*92*		*60 - 140*		*11/03/22 15:35*	*1*

268503

Eurofins TestAmerica, Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record

eurofins Environment Testing TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager: Rebecca Hensel	Site Contact: Janelle van Lieshout	Date: 10/28/2022	COC No:
Your Company : Arcadis U.S., Inc.	Tel/Fax: 315.671.9156	Lab Contact: Kristyn Tempe	Carrier:	1 of 1 COCs
Address : 110 W. Fayette St.	Analysis Turnaround Time			Sampler:
City/State/Zip : Syracuse, NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(315) 671-9296 Phone	TAT if different from Below ______			Walk-in Client:
(xxx) xxx-xxxx FAX	☑ 2 weeks			Lab Sampling:
Project Name: SMC Maestri Site	☐ 1 week			
Site: Geddes, NY 13209	☐ 2 days			Job / SDG No.:
P O # 30120984	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Volatile Organics - Xylenes (Method 624.1)	Sample Specific Notes:
1	RW-6	10/28/22	13:40	G	Water	3	N	N	X	
2	RW-7	10/28/22	12:10	G	Water	3	N	N	X	
3	MW-2A	10/28/22	11:15	G	Water	3	N	N	X	
4	MW-9	10/28/22	13:00	G	Water	3	N	N	X	
	~~PZ-20~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
5	PZ-21	10/28/22	15:30	G	Water	3	N	N	X	
6	~~BD_(20221028)~~ BD_(10282022)	10/28/22		G	Water	3	N	N	X	
	~~FB_(20221028)~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
7	FB_(20221028)	10/28/22		G	Water	3	N	N	X	
	~~TB_(20221028)~~	~~10/28/22~~		~~G~~	~~Water~~	~~3~~	~~N~~	~~N~~	~~X~~	
8	TB_(20221028)	10/28/22		G	Water	3	N	N	X	
1	MS / MSD	10/28/22	13:40	G	Water	6	N	Y	X	

460-268503 Chain of Custody

Syracuse #225

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______ 1/2

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 ☐ Flam ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☑ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

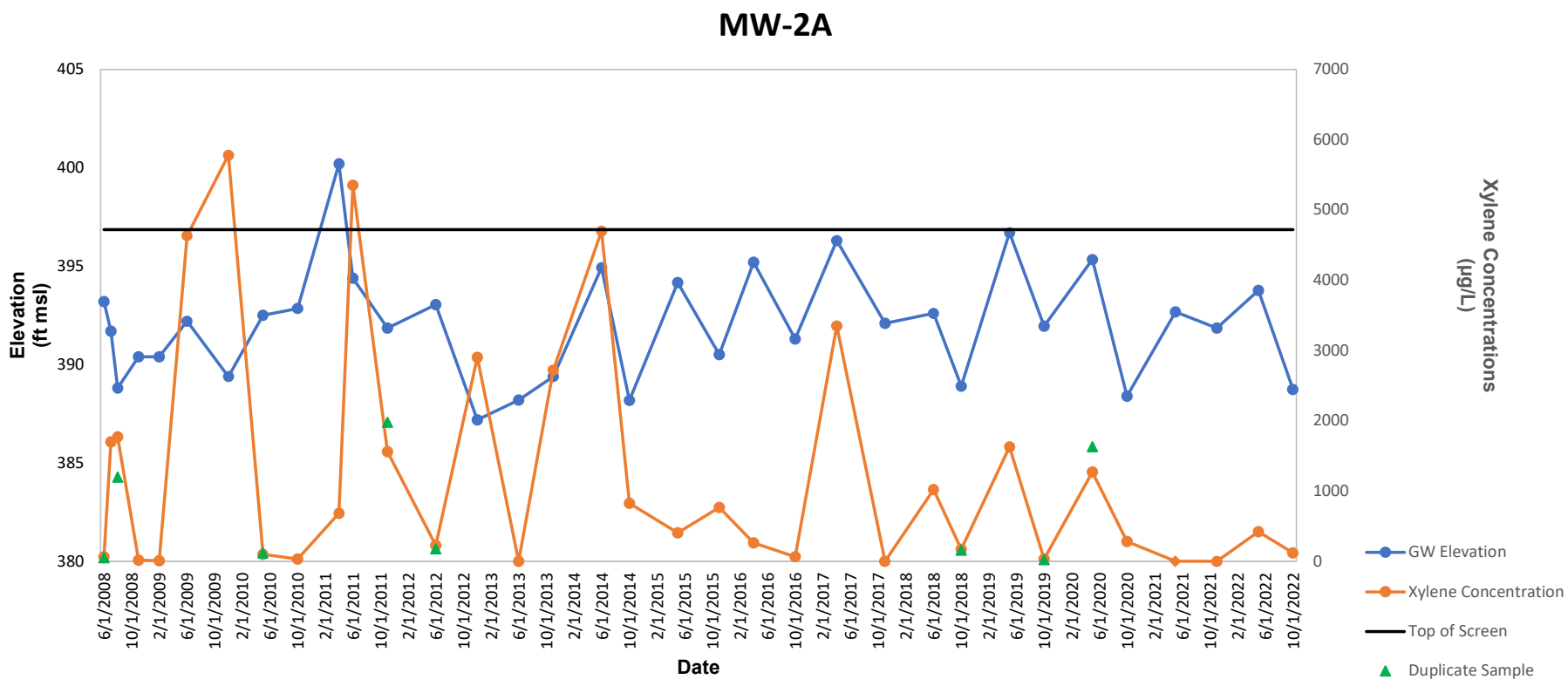
Custody Seals Intact: ☐ ☐	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 2.5 Corr'd: 2.5		Therm ID No.:
Relinquished by: Matt Kalcma	Company: Arcadis	Date/Time: 10/28/22 1640	Received by: R. English	Company: Son	Date/Time: 10.28.22 1640
Relinquished by: R. English	Company: Son	Date/Time: 10.28.22 1900	Received by: [signature] via Fedex	Company: ETA	Date/Time: 10/29/22 1220
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

11/08/2022

Form No. CA-C-WI-002, Rev. 4.21, dated 4/4/2019

Appendix F

Total Xylene and Groundwater Elevation Trend Graphs



Notes:

Monitoring well MW-2A was formerly known as RW-2 in 2006

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

STAUFFER MANAGEMENT COMPANY

MAESTRI SITE

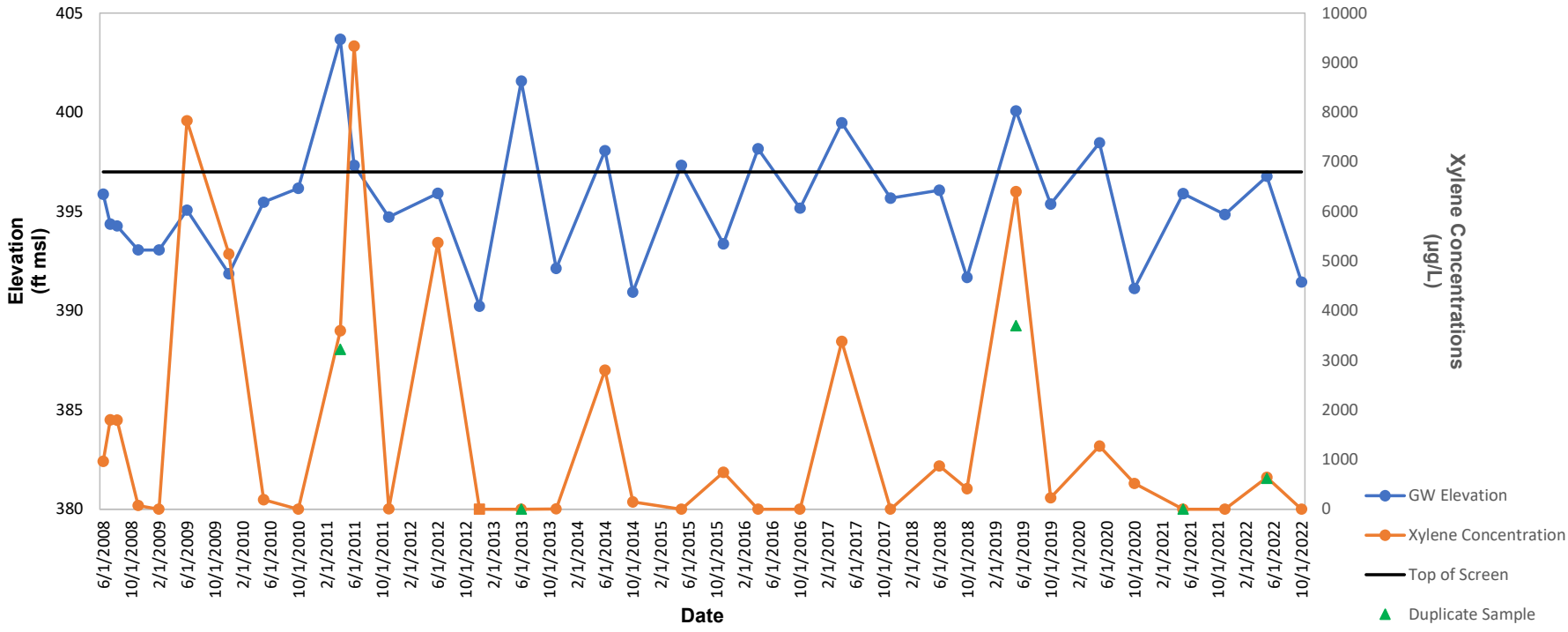
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK

TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH

ARCADIS

FIGURE

E1



Notes:

Monitoring well MW-9 was not sampled in December 2012 due to it being dry

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

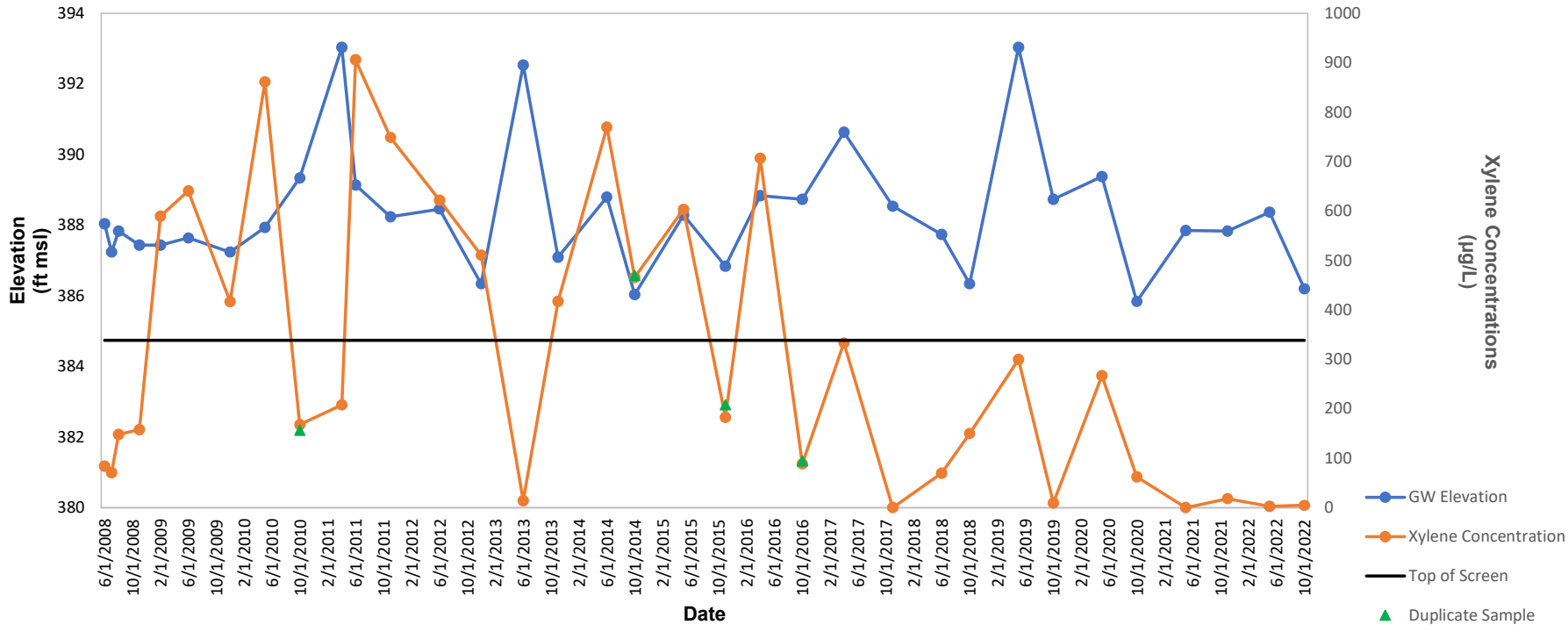
ft msl = feet mean sea level

STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK

TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH

ARCADIS

FIGURE
E2



Notes:

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

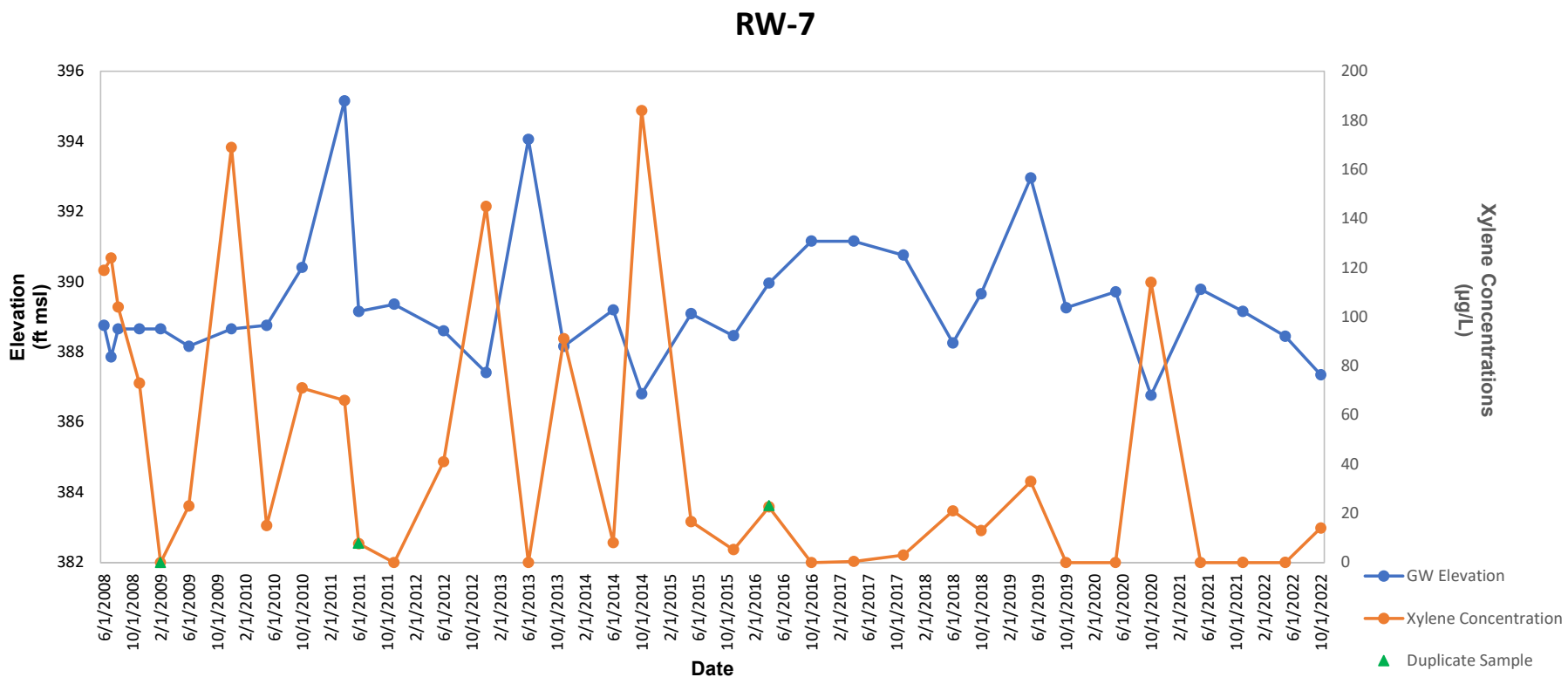
ft msl = feet mean sea level

STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK

TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH

ARCADIS

FIGURE E3



Notes:

The Site Specific Cleanup Goal for Total Xylene is 5 µg/L

ft msl = feet mean sea level

STAUFFER MANAGEMENT COMPANY
MAESTRI SITE
904 STATE FAIR BOULEVARD, GEDDES, NEW YORK

TOTAL XYLENE AND GROUNDWATER ELEVATION TREND GRAPH

ARCADIS

FIGURE E4

Arcadis of New York, Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
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